

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

05/22/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.55	25.75	20.23	21.57	21.93	27.72	30.58	209.41	190.49	54.37	49.90	53.70	59.29	57.26	71.32	96.39	94.61	41.06	41.03	36.46	34.28	34.10	28.79	24.36
24138	1.81	1.49	1.23	1.40	1.42	1.87	2.05	1.67	1.45	1.54	1.64	1.73	1.65	2.30	2.28	2.51	3.08	4.09	3.90	3.27	3.09	3.05	2.27	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	-2.33	-185.90	-168.87	-31.72	-25.68	-28.03	-34.40	-27.68	-46.16	-69.49	-62.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	30.50	25.71	20.20	21.54	21.91	27.68	30.38	197.70	179.84	52.36	48.27	51.91	57.11	55.50	68.40	92.01	90.66	41.06	41.02	36.46	34.28	34.10	28.79	24.37
24260	1.76	1.45	1.20	1.37	1.40	1.83	2.00	1.70	1.46	1.54	1.64	1.72	1.65	2.28	2.27	2.53	3.09	4.09	3.89	3.28	3.09	3.05	2.27	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	-2.19	-174.16	-158.20	-29.72	-24.06	-26.26	-32.23	-25.93	-43.25	-65.10	-58.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	30.50	25.71	20.20	21.54	21.91	27.68	30.38	197.70	179.84	52.36	48.27	51.91	57.11	55.50	68.40	92.01	90.66	41.06	41.02	36.46	34.28	34.10	28.79	24.37
24261	1.76	1.45	1.20	1.37	1.40	1.83	2.00	1.70	1.46	1.54	1.64	1.72	1.65	2.28	2.27	2.53	3.09	4.09	3.89	3.28	3.09	3.05	2.27	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	-2.19	-174.16	-158.20	-29.72	-24.06	-26.26	-32.23	-25.93	-43.25	-65.10	-58.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.78	25.28	19.93	21.21	21.61	27.22	27.56	22.89	21.01	21.87	23.33	24.77	24.08	28.55	24.15	25.84	30.61	39.31	39.70	35.44	33.53	33.26	28.21	23.85
24011	1.05	1.02	0.92	1.04	1.10	1.37	1.37	1.06	0.84	0.76	0.76	0.83	0.85	1.27	1.27	1.45	1.66	2.33	2.57	2.26	2.34	2.22	1.69	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.93	25.41	20.02	21.32	21.72	27.37	27.73	23.03	21.12	21.99	23.45	24.91	24.24	28.75	24.31	26.03	30.83	39.59	40.00	35.72	33.82	33.53	28.43	24.03
23798	1.19	1.15	1.02	1.15	1.21	1.52	1.54	1.19	0.95	0.88	0.88	0.97	1.01	1.47	1.44	1.64	1.88	2.62	2.87	2.54	2.62	2.48	1.91	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.78	25.28	19.93	21.21	21.61	27.2																		

ALBANY___2 23572	29.09 0.35 0.00	24.64 0.38 0.00	19.51 0.51 0.00	20.70 0.54 0.00	21.05 0.55 0.00	26.41 0.57 0.00	26.64 0.45 0.00	22.06 0.22 0.00	20.35 0.17 0.00	21.15 0.04 0.00	22.61 0.04 0.00	23.93 0.00 0.00	23.25 0.02 0.00	27.41 0.13 0.00	23.22 0.34 0.00	24.77 0.38 0.00	29.43 0.48 0.00	37.62 0.65 0.00	37.88 0.75 0.00	33.89 0.71 0.00	31.93 0.73 0.00	31.78 0.73 0.00	26.90 0.38 0.00	22.90 0.38 0.00
ALBANY___3 23573	29.09 0.35 0.00	24.64 0.38 0.00	19.51 0.51 0.00	20.70 0.54 0.00	21.05 0.55 0.00	26.41 0.57 0.00	26.64 0.45 0.00	22.06 0.22 0.00	20.35 0.17 0.00	21.15 0.04 0.00	22.61 0.04 0.00	23.93 0.00 0.00	23.25 0.02 0.00	27.41 0.13 0.00	23.22 0.34 0.00	24.77 0.38 0.00	29.43 0.48 0.00	37.62 0.65 0.00	37.88 0.75 0.00	33.89 0.71 0.00	31.93 0.73 0.00	31.78 0.73 0.00	26.90 0.38 0.00	22.90 0.38 0.00
ALBANY___4 23574	29.09 0.35 0.00	24.64 0.38 0.00	19.51 0.51 0.00	20.70 0.54 0.00	21.05 0.55 0.00	26.41 0.57 0.00	26.64 0.45 0.00	22.06 0.22 0.00	20.35 0.17 0.00	21.15 0.04 0.00	22.61 0.04 0.00	23.93 0.00 0.00	23.25 0.02 0.00	27.41 0.13 0.00	23.22 0.34 0.00	24.77 0.38 0.00	29.43 0.48 0.00	37.62 0.65 0.00	37.88 0.75 0.00	33.89 0.71 0.00	31.93 0.73 0.00	31.78 0.73 0.00	26.90 0.38 0.00	22.90 0.38 0.00
ALBANY___LFGE 323615	29.35 0.61 0.00	24.86 0.60 0.00	19.66 0.66 0.00	20.87 0.70 0.00	21.23 0.71 0.00	26.65 0.80 0.00	26.88 0.69 0.00	22.29 0.45 0.00	20.55 0.38 0.00	21.37 0.27 0.00	22.88 0.31 0.00	24.23 0.30 0.00	23.55 0.32 0.00	27.80 0.51 0.00	23.55 0.67 0.00	25.12 0.74 0.00	29.86 0.91 0.00	38.21 1.23 0.00	38.46 1.32 0.00	34.40 1.21 0.00	32.36 1.17 0.00	32.19 1.15 0.00	27.24 0.72 0.00	23.16 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	28.81 0.07 0.00	24.29 0.03 0.00	18.95 -0.06 0.00	20.01 -0.16 0.00	20.31 -0.20 0.00	25.62 -0.23 0.00	26.09 -0.11 0.00	21.79 -0.05 0.00	20.14 -0.03 0.00	21.11 0.00 0.00	22.54 -0.02 0.00	23.93 0.00 0.00	23.22 -0.02 0.00	27.02 -0.27 0.00	22.46 -0.42 0.00	23.90 -0.48 0.00	28.00 -0.95 0.00	35.75 -1.23 0.00	35.98 -1.15 0.00	31.75 -1.07 0.37	16.91 -1.01 13.27	31.01 -0.68 -0.64	26.27 -0.25 0.00	22.30 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	28.81 0.07 0.00	24.29 0.03 0.00	18.95 -0.06 0.00	20.01 -0.16 0.00	20.31 -0.20 0.00	25.62 -0.23 0.00	26.09 -0.11 0.00	21.79 -0.05 0.00	20.14 -0.03 0.00	21.11 0.00 0.00	22.54 -0.02 0.00	23.93 0.00 0.00	23.22 -0.02 0.00	27.02 -0.27 0.00	22.46 -0.42 0.00	23.90 -0.48 0.00	28.00 -0.95 0.00	35.75 -1.23 0.00	35.98 -1.15 0.00	31.75 -1.07 0.37	16.91 -1.01 13.27	31.01 -0.68 -0.64	26.27 -0.25 0.00	22.30 -0.22 0.00
ALCOA___DSASP 323711	28.81 0.07 0.00	24.29 0.03 0.00	18.95 -0.06 0.00	20.01 -0.16 0.00	20.32 -0.20 0.00	25.62 -0.23 0.00	26.09 -0.11 0.00	21.79 -0.05 0.00	20.14 -0.03 0.00	21.11 0.00 0.00	22.54 -0.02 0.00	23.93 0.00 0.00	23.22 -0.02 0.00	27.02 -0.27 0.00	22.46 -0.42 0.00	23.90 -0.48 0.00	28.00 -0.94 0.00	35.75 -1.23 0.00	35.98 -1.15 0.00	31.75 -1.07 0.37	16.91 -1.01 13.27	31.01 -0.68 -0.64	26.27 -0.25 0.00	22.30 -0.22 0.00
ALLEGHENY___COGEN 23514	29.75 1.01 0.00	24.80 0.54 0.00	19.17 0.16 0.00	20.36 0.19 0.00	20.79 0.28 0.00	25.94 0.57 0.48	24.44 0.88 2.62	22.06 0.81 0.59	21.09 0.92 0.00	22.01 0.90 0.00	23.38 0.81 0.00	24.54 0.60 0.00	23.41 0.18 0.00	27.12 0.18 0.35	22.92 0.05 0.01	24.58 0.27 0.08	28.56 0.20 0.59	35.65 0.31 1.63	36.34 0.11 0.91	32.93 0.65 0.91	31.10 0.79 0.88	30.69 0.57 0.93	27.11 0.93 0.33	23.25 0.75 0.02
ALTAMONT_115KV_TB 2 55880	29.31 0.57 0.00	24.80 0.54 0.00	19.55 0.54 0.00	20.78 0.62 0.00	21.14 0.63 0.00	26.58 0.73 0.00	26.85 0.65 0.00	22.30 0.47 0.00	20.54 0.37 0.00	21.41 0.31 0.00	22.88 0.31 0.00	24.22 0.29 0.00	23.52 0.29 0.00	27.78 0.50 0.00	23.48 0.60 0.00	25.05 0.66 0.00	29.78 0.83 0.00	38.07 1.10 0.00	38.30 1.16 0.00	34.27 1.08 0.00	32.26 1.07 0.00	32.13 1.08 0.00	27.21 0.69 0.00	23.11 0.60 0.00
ALTONA_WT_PWR 323606	29.37 0.63 0.00	24.76 0.50 0.00	18.97 -0.04 0.00	19.84 -0.33 0.00	20.07 -0.44 0.00	25.22 -0.63 0.00	26.18 -0.01 0.00	22.12 0.28 0.00	20.49 0.31 0.00	21.55 0.44 0.00	23.08 0.51 0.00	24.55 0.61 0.00	23.81 0.58 0.00	27.56 0.28 0.00	22.90 0.03 0.00	24.42 0.04 0.00	28.56 -0.39 0.00	36.54 -0.44 0.00	36.91 -0.23 0.00	32.32 -0.49 0.38	12.55 -1.05 17.59	-9.11 -1.93 38.23	26.29 -0.23 0.00	21.98 -0.54 0.00
AMERICAN_REF_FUEL 24010	27.36 -0.86 0.52	23.50 -0.76 0.00	18.12 -0.88 0.00	19.17 -1.00 0.00	19.59 -0.92 0.00	24.28 -1.01 0.56	21.36 -1.01 3.82	20.43 -0.73 0.68	19.60 -0.36 0.21	20.65 -0.29 0.16	21.99 -0.23 0.35	23.80 -0.14 0.00	23.08 -0.15 0.00	26.62 -0.26 0.40	22.47 -0.40 0.01	23.64 -0.66 0.09	27.44 -0.82 0.69	33.92 -1.16 1.90	35.59 -0.48 1.06	31.76 -0.37 1.06	29.44 -0.73 1.02	29.05 -0.92 1.08	25.46 -0.68 0.39	21.98 -0.51 0.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.58 -0.51 0.65	23.69 -0.57 0.00	18.18 -0.82 0.00	19.27 -0.89 0.00	19.90 -0.61 0.00	24.92 -0.41 0.51	22.21 -0.22 3.76	21.33 0.11 0.62	20.47 0.56 0.25	21.69 0.78 0.20	22.92 0.79 0.43	24.74 0.80 0.00	24.03 0.80 0.00	27.58 0.67 0.37	23.24 0.37 0.01	24.48 0.18 0.08	28.72 0.41 0.63	36.04 0.81 1.74	37.36 1.20 0.97	33.22 1.00 0.96	30.63 0.38 0.94	30.04 -0.02 0.99	25.94 -0.23 0.36	22.28 -0.22 0.02
ARTHUR KILL_GT_1 23520	33.94 1.60 -3.61	25.58 1.32 0.00	20.10 1.10 0.00	21.45 1.28 0.00	21.81 1.30 0.00	27.55 1.70 0.00	30.22 1.84 -2.19	197.35 1.35 -174.16	179.41 1.04 -158.20	51.96 1.13 -29.72	47.96 1.33 -24.06	51.59 1.39 -26.26	56.80 1.33 -32.23	55.13 1.92 -25.93	68.09 1.96 -43.25	91.70 2.21 -65.10	90.32 2.75 -58.62	40.81 3.83 0.00	40.79 3.66 0.00	36.36 3.17 0.00	34.23 3.04 0.00	34.04 2.99 0.00	28.66 2.13 0.00	24.23 1.72 0.00
ARTHUR_KILL_2 23512	33.85 1.51 -3.61	25.50 1.24 0.00	20.05 1.05 0.00	21.39 1.22 0.00	21.75 1.24 0.00	27.47 1.63 0.00	30.14 1.76 -2.19	197.28 1.28 -174.16	179.35 0.98 -158.20	51.89 1.07 -29.72	47.89 1.26 -24.06	51.51 1.32 -26.26	56.72 1.26 -32.23	55.04 1.83 -25.93	68.01 1.89 -43.25	91.61 2.12 -65.10	90.21 2.63 -58.62	40.64 3.67 0.00	40.64 3.50 0.00	36.21 3.02 0.00	34.09 2.90 0.00	33.91 2.86 0.00	28.55 2.03 0.00	24.15 1.63 0.00
ARTHUR_KILL_3 23513	33.83 1.49 -3.60	25.49 1.23 0.00	20.04 1.04 0.00	21.37 1.20 0.00	21.73 1.21 0.00	27.46 1.62 0.00	30.22 1.77 -2.26	203.06 1.50 -179.73	184.66 1.23 -163.25	53.06 1.29 -30.67	48.73 1.33 -24.83	52.42 1.38 -27.10	57.79 1.30 -33.26	55.91 1.87 -26.76	69.44 1.93 -44.63	93.73 2.17 -67.18	92.12 2.67 -60.49	40.58 3.61 0.00	40.57 3.43 0.00	36.09 2.90 0.00	33.95 2.76 0.00	33.80 2.75 0.00	28.53 2.01 0.00	24.17 1.65 0.00

ARTHUR_KILL_COGEN 323718	33.94 1.60 -3.61	25.58 1.32 0.00	20.10 1.10 0.00	21.45 1.28 0.00	21.81 1.30 0.00	27.55 1.70 0.00	30.22 1.84 -2.19	197.35 1.35 -174.16	179.41 1.04 -158.20	51.96 1.13 -29.72	47.96 1.33 -24.06	51.59 1.39 -26.26	56.80 1.33 -32.23	55.13 1.92 -25.93	68.09 1.96 -43.25	91.70 2.21 -65.10	90.32 2.75 -58.62	40.81 3.83 0.00	40.79 3.66 0.00	36.36 3.17 0.00	34.23 3.04 0.00	34.04 2.99 0.00	28.66 2.13 0.00	24.23 1.72 0.00
ASHOKAN____ 23654	30.05 1.32 0.00	25.38 1.12 0.00	20.02 1.01 0.00	21.26 1.09 0.00	21.63 1.12 0.00	27.19 1.34 0.00	27.50 1.31 0.00	22.82 0.98 0.00	20.93 0.76 0.00	21.68 0.57 0.00	23.08 0.51 0.00	24.44 0.50 0.00	23.77 0.54 0.00	28.18 0.90 0.00	23.95 1.08 0.00	25.66 1.28 0.00	30.67 1.72 0.00	39.47 2.49 0.00	39.97 2.84 0.00	35.94 2.75 0.00	33.84 2.65 0.00	33.58 2.53 0.00	28.28 1.76 0.00	23.89 1.37 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.32 1.59 0.01	25.60 1.34 0.00	20.13 1.12 0.00	21.48 1.32 0.00	21.85 1.34 0.00	27.55 1.71 0.00	30.18 1.81 -2.18	197.53 1.54 -174.16	179.60 1.23 -158.20	52.13 1.30 -29.72	47.99 1.37 -24.06	51.63 1.43 -26.26	56.82 1.35 -32.23	55.16 1.94 -25.93	68.12 1.99 -43.26	91.70 2.21 -65.11	90.30 2.73 -58.62	40.71 3.73 0.00	40.60 3.46 0.00	36.09 2.90 0.00	33.95 2.76 0.00	33.81 2.76 0.00	28.61 2.09 0.00	24.20 1.69 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.32 1.59 0.01	25.60 1.34 0.00	20.13 1.12 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.55 1.71 0.00	30.18 1.81 -2.18	197.53 1.54 -174.16	179.60 1.23 -158.20	52.13 1.30 -29.72	47.99 1.37 -24.06	51.63 1.43 -26.26	56.82 1.35 -32.23	55.16 1.94 -25.93	68.12 1.99 -43.26	91.70 2.21 -65.11	90.30 2.73 -58.62	40.71 3.73 0.00	40.60 3.46 0.00	36.09 2.90 0.00	33.95 2.76 0.00	33.81 2.76 0.00	28.61 2.09 0.00	24.20 1.69 0.00
ASTORIA_GT2_1 24094	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00
ASTORIA_GT2_2 24095	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00
ASTORIA_GT2_3 24096	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00
ASTORIA_GT2_4 24097	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00
ASTORIA_GT3_1 24098	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00
ASTORIA_GT3_2 24099	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00
ASTORIA_GT3_3 24100	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00
ASTORIA_GT3_4 24101	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00
ASTORIA_GT4_1 24102	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00
ASTORIA_GT4_2 24103	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00
ASTORIA_GT4_3 24104	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00

ASTORIA_GT4_4 24105	30.37 1.63 0.00	25.62 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.21 1.83 -2.19	197.57 1.57 -174.16	179.63 1.25 -158.20	52.13 1.30 -29.72	48.02 1.39 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.23 -65.11	90.32 2.75 -58.62	40.74 3.77 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.69 0.00
ASTORIA_GT_1 23523	30.40 1.67 0.01	25.66 1.40 0.00	20.17 1.16 0.00	21.53 1.36 0.00	21.89 1.38 0.00	27.61 1.77 0.00	30.25 1.88 -2.18	197.60 1.61 -174.16	179.66 1.29 -158.20	52.20 1.37 -29.72	48.07 1.44 -24.06	51.71 1.51 -26.26	56.90 1.43 -32.23	55.25 2.03 -25.93	68.20 2.07 -43.26	91.79 2.30 -65.11	90.41 2.83 -58.62	40.84 3.86 0.00	40.72 3.59 0.00	36.20 3.01 0.00	34.04 2.85 0.00	33.90 2.86 0.00	28.68 2.16 0.00	24.26 1.75 0.00
ASTORIA_GT_10 24110	30.36 1.62 0.00	25.59 1.33 0.00	20.11 1.10 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.68 0.00	30.22 1.84 -2.19	197.55 1.55 -174.16	179.62 1.24 -158.20	52.10 1.28 -29.72	48.01 1.38 -24.06	51.63 1.43 -26.26	56.82 1.36 -32.23	55.17 1.95 -25.93	68.10 1.98 -43.25	91.69 2.20 -65.10	90.28 2.71 -58.62	40.68 3.71 0.00	40.62 3.49 0.00	36.13 2.94 0.00	34.00 2.81 0.00	33.89 2.84 0.00	28.64 2.12 0.00	24.24 1.72 0.00
ASTORIA_GT_11 24225	30.36 1.62 0.00	25.59 1.33 0.00	20.11 1.10 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.68 0.00	30.22 1.84 -2.19	197.55 1.55 -174.16	179.62 1.24 -158.20	52.10 1.28 -29.72	48.01 1.38 -24.06	51.63 1.43 -26.26	56.82 1.36 -32.23	55.17 1.95 -25.93	68.10 1.98 -43.25	91.69 2.20 -65.10	90.28 2.71 -58.62	40.68 3.71 0.00	40.62 3.49 0.00	36.13 2.94 0.00	34.00 2.81 0.00	33.89 2.84 0.00	28.64 2.12 0.00	24.24 1.72 0.00
ASTORIA_GT_12 24226	30.36 1.62 0.00	25.59 1.33 0.00	20.11 1.10 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.68 0.00	30.22 1.84 -2.19	197.55 1.55 -174.16	179.62 1.24 -158.20	52.10 1.28 -29.72	48.01 1.38 -24.06	51.63 1.43 -26.26	56.82 1.36 -32.23	55.17 1.95 -25.93	68.10 1.98 -43.25	91.69 2.20 -65.10	90.28 2.71 -58.62	40.68 3.71 0.00	40.62 3.49 0.00	36.13 2.94 0.00	34.00 2.81 0.00	33.89 2.84 0.00	28.64 2.12 0.00	24.24 1.72 0.00
ASTORIA_GT_13 24227	30.36 1.62 0.00	25.59 1.33 0.00	20.11 1.10 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.68 0.00	30.22 1.84 -2.19	197.55 1.55 -174.16	179.62 1.24 -158.20	52.10 1.28 -29.72	48.01 1.38 -24.06	51.63 1.43 -26.26	56.82 1.36 -32.23	55.17 1.95 -25.93	68.10 1.98 -43.25	91.69 2.20 -65.10	90.28 2.71 -58.62	40.68 3.71 0.00	40.62 3.49 0.00	36.13 2.94 0.00	34.00 2.81 0.00	33.89 2.84 0.00	28.64 2.12 0.00	24.24 1.72 0.00
ASTORIA_GT_5 24106	30.43 1.69 0.00	25.66 1.40 0.00	20.17 1.16 0.00	21.53 1.36 0.00	21.89 1.38 0.00	27.61 1.77 0.00	30.26 1.89 -2.19	197.62 1.62 -174.16	179.68 1.31 -158.20	52.18 1.36 -29.72	48.08 1.45 -24.06	51.71 1.51 -26.26	56.90 1.43 -32.23	55.25 2.03 -25.93	68.20 2.07 -43.26	91.79 2.30 -65.11	90.41 2.84 -58.62	40.85 3.87 0.00	40.73 3.59 0.00	36.20 3.01 0.00	34.05 2.86 0.00	33.91 2.85 0.00	28.68 2.16 0.00	24.27 1.75 0.00
ASTORIA_GT_7 24107	30.43 1.69 0.00	25.66 1.40 0.00	20.17 1.16 0.00	21.53 1.36 0.00	21.89 1.38 0.00	27.61 1.77 0.00	30.26 1.89 -2.19	197.62 1.62 -174.16	179.68 1.31 -158.20	52.18 1.36 -29.72	48.08 1.45 -24.06	51.71 1.51 -26.26	56.90 1.43 -32.23	55.25 2.03 -25.93	68.20 2.07 -43.26	91.79 2.30 -65.11	90.41 2.84 -58.62	40.85 3.87 0.00	40.73 3.59 0.00	36.20 3.01 0.00	34.05 2.86 0.00	33.91 2.85 0.00	28.68 2.16 0.00	24.27 1.75 0.00
ASTORIA_GT_8 24108	30.43 1.69 0.00	25.66 1.40 0.00	20.17 1.16 0.00	21.53 1.36 0.00	21.89 1.38 0.00	27.61 1.77 0.00	30.26 1.89 -2.19	197.62 1.62 -174.16	179.68 1.31 -158.20	52.18 1.36 -29.72	48.08 1.45 -24.06	51.71 1.51 -26.26	56.90 1.43 -32.23	55.25 2.03 -25.93	68.20 2.07 -43.26	91.79 2.30 -65.11	90.41 2.84 -58.62	40.85 3.87 0.00	40.73 3.59 0.00	36.20 3.01 0.00	34.05 2.86 0.00	33.91 2.85 0.00	28.68 2.16 0.00	24.27 1.75 0.00
ASTORIA___2 24149	30.34 1.61 0.01	25.61 1.36 0.00	20.13 1.12 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.19 1.82 -2.18	197.55 1.55 -174.16	179.61 1.24 -158.20	52.14 1.31 -29.72	48.01 1.38 -24.06	51.65 1.44 -26.26	56.83 1.37 -32.23	55.17 1.95 -25.93	68.13 2.00 -43.26	91.72 2.22 -65.11	90.32 2.75 -58.62	40.73 3.75 0.00	40.62 3.49 0.00	36.10 2.91 0.00	33.97 2.78 0.00	33.82 2.77 0.00	28.62 2.10 0.00	24.21 1.70 0.00
ASTORIA___3 23516	30.34 1.60 0.00	25.59 1.33 0.00	20.11 1.10 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.68 0.00	30.22 1.84 -2.19	197.55 1.54 -174.16	179.61 1.23 -158.20	52.11 1.28 -29.72	48.01 1.38 -24.06	51.63 1.44 -26.26	56.82 1.36 -32.23	55.16 1.95 -25.93	68.10 1.98 -43.25	91.68 2.20 -65.10	90.28 2.71 -58.62	40.67 3.69 0.00	40.62 3.48 0.00	36.13 2.94 0.00	34.00 2.81 0.00	33.89 2.84 0.00	28.64 2.12 0.00	24.24 1.72 0.00
ASTORIA___4 23517	30.36 1.62 0.00	25.59 1.33 0.00	20.11 1.10 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.68 0.00	30.22 1.84 -2.19	197.55 1.55 -174.16	179.61 1.24 -158.20	52.10 1.27 -29.72	48.01 1.38 -24.06	51.63 1.43 -26.26	56.82 1.36 -32.23	55.16 1.95 -25.93	68.10 1.98 -43.25	91.69 2.20 -65.10	90.28 2.71 -58.62	40.68 3.71 0.00	40.62 3.49 0.00	36.13 2.94 0.00	34.00 2.81 0.00	33.89 2.84 0.00	28.64 2.12 0.00	24.24 1.72 0.00
ASTORIA___5 23518	30.34 1.60 0.00	25.59 1.33 0.00	20.11 1.10 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.68 0.00	30.22 1.84 -2.19	197.55 1.54 -174.16	179.61 1.23 -158.20	52.11 1.28 -29.72	48.01 1.38 -24.06	51.63 1.44 -26.26	56.82 1.36 -32.23	55.16 1.95 -25.93	68.10 1.98 -43.25	91.68 2.20 -65.10	90.28 2.71 -58.62	40.67 3.69 0.00	40.62 3.48 0.00	36.13 2.94 0.00	34.00 2.81 0.00	33.89 2.84 0.00	28.64 2.12 0.00	24.24 1.72 0.00
AST_ENERGY_2_CC3 323677	30.22 1.48 0.00	25.49 1.23 0.00	20.05 1.05 0.00	21.38 1.22 0.00	21.74 1.23 0.00	27.45 1.60 0.00	30.19 1.74 -2.26	203.04 1.47 -179.74	184.66 1.22 -163.27	53.08 1.30 -30.67	48.77 1.37 -24.83	52.47 1.43 -27.10	57.86 1.36 -33.26	55.98 1.94 -26.76	69.50 1.99 -44.63	93.79 2.22 -67.18	92.18 2.74 -60.50	40.60 3.63 0.00	40.57 3.44 0.00	36.08 2.89 0.00	33.94 2.75 0.00	33.77 2.72 0.00	28.52 2.00 0.00	24.15 1.63 0.00
AST_ENERGY_2_CC4 323678	30.22 1.48 0.00	25.49 1.23 0.00	20.05 1.05 0.00	21.38 1.22 0.00	21.74 1.23 0.00	27.45 1.60 0.00	30.19 1.74 -2.26	203.04 1.47 -179.74	184.66 1.22 -163.27	53.08 1.30 -30.67	48.77 1.37 -24.83	52.47 1.43 -27.10	57.86 1.36 -33.26	55.98 1.94 -26.76	69.50 1.99 -44.63	93.79 2.22 -67.18	92.18 2.74 -60.50	40.60 3.63 0.00	40.57 3.44 0.00	36.08 2.89 0.00	33.94 2.75 0.00	33.77 2.72 0.00	28.52 2.00 0.00	24.15 1.63 0.00

ATHENS_STG_1 23668	29.40 0.66 0.00	24.88 0.62 0.00	19.60 0.59 0.00	20.87 0.70 0.00	21.22 0.71 0.00	26.71 0.86 0.00	27.01 0.81 0.00	22.48 0.64 0.00	20.69 0.52 0.00	21.62 0.51 0.00	23.11 0.54 0.00	24.47 0.53 0.00	23.74 0.51 0.00	28.10 0.82 0.00	23.80 0.93 0.00	25.42 1.04 0.00	30.24 1.29 0.00	38.64 1.66 0.00	38.73 1.59 0.00	34.58 1.39 0.00	32.54 1.35 0.00	32.44 1.39 0.00	27.44 0.92 0.00	23.27 0.75 0.00
ATHENS_STG_2 23670	29.40 0.66 0.00	24.88 0.62 0.00	19.60 0.59 0.00	20.87 0.70 0.00	21.22 0.71 0.00	26.71 0.86 0.00	27.01 0.81 0.00	22.48 0.64 0.00	20.69 0.52 0.00	21.62 0.51 0.00	23.11 0.54 0.00	24.47 0.53 0.00	23.74 0.51 0.00	28.10 0.82 0.00	23.80 0.93 0.00	25.42 1.04 0.00	30.24 1.29 0.00	38.64 1.66 0.00	38.73 1.59 0.00	34.58 1.39 0.00	32.54 1.35 0.00	32.44 1.39 0.00	27.44 0.92 0.00	23.27 0.75 0.00
ATHENS_STG_3 23677	29.40 0.66 0.00	24.88 0.62 0.00	19.60 0.59 0.00	20.87 0.70 0.00	21.22 0.71 0.00	26.71 0.86 0.00	27.01 0.81 0.00	22.48 0.64 0.00	20.69 0.52 0.00	21.62 0.51 0.00	23.11 0.54 0.00	24.47 0.53 0.00	23.74 0.51 0.00	28.10 0.82 0.00	23.80 0.93 0.00	25.42 1.04 0.00	30.24 1.29 0.00	38.64 1.66 0.00	38.73 1.59 0.00	34.58 1.39 0.00	32.54 1.35 0.00	32.44 1.39 0.00	27.44 0.92 0.00	23.27 0.75 0.00
AUBURN___LFGE 323710	29.10 0.37 0.00	24.49 0.23 0.00	19.10 0.10 0.00	20.21 0.05 0.00	20.61 0.10 0.00	26.18 0.33 0.00	26.48 0.29 0.00	22.11 0.27 0.00	20.45 0.27 0.00	21.42 0.31 0.00	22.97 0.40 0.00	24.42 0.49 0.00	23.74 0.51 0.00	27.95 0.67 0.00	23.49 0.61 0.00	25.06 0.68 0.00	29.92 0.98 0.00	38.17 1.19 0.00	38.19 1.06 0.00	34.24 1.05 0.00	32.12 0.93 0.00	31.70 0.65 0.00	26.91 0.39 0.00	22.78 0.26 0.00
BABYLON_RES_REC 323704	30.45 1.71 0.00	25.71 1.45 0.00	20.16 1.15 0.00	21.46 1.29 0.00	21.84 1.33 0.00	27.79 1.94 0.00	28.08 1.89 0.00	23.47 1.64 0.00	21.60 1.43 0.00	22.73 1.62 0.00	24.08 1.52 0.00	25.62 1.68 0.00	24.72 1.49 0.00	29.26 1.97 0.00	25.00 2.12 0.00	26.66 2.28 0.00	31.73 2.78 0.00	40.24 3.26 0.00	40.54 3.40 0.00	35.89 2.71 0.00	33.91 2.71 0.00	34.17 3.12 0.00	28.78 2.26 0.00	25.05 1.93 -0.60
BABYLON__69_KV_BK2 356345	30.72 1.98 0.00	25.92 1.66 0.00	20.34 1.33 0.00	21.66 1.49 0.00	22.04 1.53 0.00	28.04 2.19 0.00	28.38 2.18 0.00	23.74 1.90 0.00	21.82 1.64 0.00	22.92 1.82 0.00	24.37 1.80 0.00	25.90 1.96 0.00	25.03 1.80 0.00	29.60 2.32 0.00	25.25 2.38 0.00	26.98 2.60 0.00	32.10 3.15 0.00	40.14 3.64 0.47	40.76 3.77 0.15	36.26 3.07 0.00	34.25 3.06 0.00	34.53 3.49 0.00	29.10 2.58 0.00	25.29 2.17 -0.60
BALL_HILL_WT_PWR 323825	28.08 -0.05 0.61	24.05 -0.21 0.00	18.52 -0.49 0.00	19.64 -0.53 0.00	20.14 -0.38 0.00	25.14 -0.18 0.52	22.36 -0.07 3.76	21.37 0.16 0.64	20.44 0.51 0.24	21.58 0.66 0.18	22.87 0.71 0.40	24.73 0.80 0.00	23.98 0.75 0.00	27.72 0.81 0.38	23.33 0.46 0.01	24.61 0.31 0.08	28.78 0.47 0.64	35.78 0.58 1.78	37.16 1.02 1.00	33.04 0.84 0.99	30.64 0.41 0.96	30.17 0.13 1.01	26.22 0.06 0.36	22.52 0.03 0.02
BARON_WINDS___WT_PWR 323822	29.11 -0.15 -0.52	23.77 -0.48 0.00	18.36 -0.65 0.00	19.58 -0.59 0.00	20.00 -0.51 0.00	25.06 -0.41 0.37	24.75 -0.18 1.27	21.46 0.07 0.45	20.77 0.40 -0.20	21.77 0.51 -0.15	23.39 0.49 -0.34	24.31 0.37 0.00	23.43 0.20 0.00	27.33 0.32 0.27	22.90 0.03 0.01	24.13 -0.19 0.06	28.87 0.38 0.46	36.26 0.55 1.27	36.94 0.52 0.71	32.83 0.34 0.71	30.56 0.05 0.68	29.99 -0.34 0.72	25.96 -0.31 0.26	22.05 -0.45 0.02
BARRETT_IC_1 23704	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.57	75.32 3.24 -35.10	91.34 3.24 -50.96	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BARRETT_IC_10 23701	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.56	50.20 3.24 -9.98	83.27 3.24 -42.89	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BARRETT_IC_11 23702	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.56	50.20 3.24 -9.98	83.27 3.24 -42.89	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BARRETT_IC_12 23703	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.56	50.20 3.24 -9.98	83.27 3.24 -42.89	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BARRETT_IC_2 23705	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.57	75.32 3.24 -35.10	91.34 3.24 -50.96	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BARRETT_IC_3 23706	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.57	75.32 3.24 -35.10	91.34 3.24 -50.96	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BARRETT_IC_4 23707	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.57	75.32 3.24 -35.10	91.34 3.24 -50.96	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12

BARRETT_IC_5 23708	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.57	75.32 3.24 -35.10	91.34 3.24 -50.96	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BARRETT_IC_6 23709	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.57	75.32 3.24 -35.10	91.34 3.24 -50.96	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BARRETT_IC_7 23710	30.39 1.65 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.73 1.30 -17.92	107.87 1.81 -80.22	75.55 1.76 -47.60	23.41 1.49 -0.09	43.55 1.35 -22.03	86.19 1.48 -63.61	76.76 1.41 -52.78	77.45 1.57 -51.95	75.52 1.41 -50.88	76.21 1.86 -47.07	79.04 2.01 -54.16	78.78 2.16 -52.23	71.17 2.65 -39.57	75.35 3.28 -35.09	91.41 3.31 -50.96	87.69 2.60 -51.90	74.05 2.58 -40.28	90.79 2.87 -56.87	92.72 2.09 -64.10	98.42 1.79 -74.12
BARRETT_IC_8 23711	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.57	75.32 3.24 -9.98	91.34 3.24 -42.89	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BARRETT_IC_9 23700	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.56	50.20 3.24 -9.98	83.27 3.24 -42.89	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BARRETT___1 23545	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.57	75.32 3.24 -35.10	91.34 3.24 -50.96	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BARRETT___2 23546	30.37 1.64 0.00	25.63 1.37 0.00	20.13 1.12 0.00	21.44 1.28 0.00	39.72 1.29 -17.92	107.86 1.79 -80.22	75.54 1.75 -47.60	23.39 1.47 -0.09	43.53 1.32 -22.03	86.20 1.49 -63.61	76.74 1.38 -52.78	77.43 1.55 -51.95	75.47 1.36 -50.88	76.20 1.85 -47.07	79.04 2.00 -54.16	78.77 2.15 -52.23	71.12 2.60 -39.56	50.20 3.24 -9.98	83.27 3.24 -42.89	87.62 2.53 -51.90	74.00 2.53 -40.28	90.77 2.86 -56.87	92.71 2.09 -64.10	98.42 1.78 -74.12
BATAVIA__115KV_TB1 55881	29.20 0.46 0.00	24.58 0.32 0.00	18.96 -0.04 0.00	20.07 -0.10 0.00	20.50 -0.01 0.00	25.47 0.20 0.58	23.34 0.29 3.15	21.52 0.39 0.70	20.75 0.58 0.00	21.81 0.70 0.00	23.40 0.83 0.00	24.95 1.02 0.00	24.27 1.04 0.00	28.08 1.21 0.42	23.84 0.98 0.01	25.29 1.00 0.09	29.17 0.94 0.71	35.98 0.96 1.96	37.64 1.60 1.10	33.70 1.61 1.09	31.32 1.19 1.06	30.89 0.96 1.12	26.91 0.79 0.40	23.12 0.63 0.03
BAYONEEC___CTG1 323682	30.28 1.54 0.00	25.53 1.27 0.00	20.08 1.08 0.00	21.41 1.24 0.00	21.76 1.26 0.00	27.50 1.65 0.00	30.25 1.81 -2.26	203.08 1.52 -179.73	184.70 1.27 -163.25	53.11 1.33 -30.67	48.80 1.40 -24.83	52.50 1.46 -27.10	57.89 1.39 -33.26	56.02 1.98 -26.76	69.52 2.02 -44.63	93.82 2.26 -67.18	92.21 2.77 -60.49	40.68 3.70 0.00	40.65 3.51 0.00	36.16 2.97 0.00	34.02 2.83 0.00	33.84 2.79 0.00	28.58 2.06 0.00	24.20 1.68 0.00
BAYONEEC___CTG10 323750	30.28 1.54 0.00	25.53 1.27 0.00	20.08 1.08 0.00	21.41 1.24 0.00	21.76 1.26 0.00	27.50 1.65 0.00	30.25 1.81 -2.26	203.08 1.52 -179.73	184.70 1.27 -163.25	53.11 1.33 -30.67	48.80 1.40 -24.83	52.50 1.46 -27.10	57.89 1.39 -33.26	56.02 1.98 -26.76	69.52 2.02 -44.63	93.82 2.26 -67.18	92.21 2.77 -60.49	40.68 3.70 0.00	40.65 3.51 0.00	36.16 2.97 0.00	34.02 2.83 0.00	33.84 2.79 0.00	28.58 2.06 0.00	24.20 1.68 0.00
BAYONEEC___CTG2 323683	30.28 1.54 0.00	25.53 1.27 0.00	20.08 1.08 0.00	21.41 1.24 0.00	21.76 1.26 0.00	27.50 1.65 0.00	30.25 1.81 -2.26	203.08 1.52 -179.73	184.70 1.27 -163.25	53.11 1.33 -30.67	48.80 1.40 -24.83	52.50 1.46 -27.10	57.89 1.39 -33.26	56.02 1.98 -26.76	69.52 2.02 -44.63	93.82 2.26 -67.18	92.21 2.77 -60.49	40.68 3.70 0.00	40.65 3.51 0.00	36.16 2.97 0.00	34.02 2.83 0.00	33.84 2.79 0.00	28.58 2.06 0.00	24.20 1.68 0.00
BAYONEEC___CTG3 323684	30.28 1.54 0.00	25.53 1.27 0.00	20.08 1.08 0.00	21.41 1.24 0.00	21.76 1.26 0.00	27.50 1.65 0.00	30.25 1.81 -2.26	203.08 1.52 -179.73	184.70 1.27 -163.25	53.11 1.33 -30.67	48.80 1.40 -24.83	52.50 1.46 -27.10	57.89 1.39 -33.26	56.02 1.98 -26.76	69.52 2.02 -44.63	93.82 2.26 -67.18	92.21 2.77 -60.49	40.68 3.70 0.00	40.65 3.51 0.00	36.16 2.97 0.00	34.02 2.83 0.00	33.84 2.79 0.00	28.58 2.06 0.00	24.20 1.68 0.00
BAYONEEC___CTG4 323685	30.28 1.54 0.00	25.53 1.27 0.00	20.08 1.08 0.00	21.41 1.24 0.00	21.76 1.26 0.00	27.50 1.65 0.00	30.25 1.81 -2.26	203.08 1.52 -179.73	184.70 1.27 -163.25	53.11 1.33 -30.67	48.80 1.40 -24.83	52.50 1.46 -27.10	57.89 1.39 -33.26	56.02 1.98 -26.76	69.52 2.02 -44.63	93.82 2.26 -67.18	92.21 2.77 -60.49	40.68 3.70 0.00	40.65 3.51 0.00	36.16 2.97 0.00	34.02 2.83 0.00	33.84 2.79 0.00	28.58 2.06 0.00	24.20 1.68 0.00
BAYONEEC___CTG5 323686	30.28 1.54 0.00	25.53 1.27 0.00	20.08 1.08 0.00	21.41 1.24 0.00	21.76 1.26 0.00	27.50 1.65 0.00	30.25 1.81 -2.26	203.08 1.52 -179.73	184.70 1.27 -163.25	53.11 1.33 -30.67	48.80 1.40 -24.83	52.50 1.46 -27.10	57.89 1.39 -33.26	56.02 1.98 -26.76	69.52 2.02 -44.63	93.82 2.26 -67.18	92.21 2.77 -60.49	40.68 3.70 0.00	40.65 3.51 0.00	36.16 2.97 0.00	34.02 2.83 0.00	33.84 2.79 0.00	28.58 2.06 0.00	24.20 1.68 0.00
BAYONEEC___CTG6 323687	30.28 1.54 0.00	25.53 1.27 0.00	20.08 1.08 0.00	21.41 1.24 0.00	21.76 1.26 0.00	27.50 1.65 0.00	30.25 1.81 -2.26	203.08 1.52 -179.73	184.70 1.27 -163.25	53.11 1.33 -30.67	48.80 1.40 -24.83	52.50 1.46 -27.10	57.89 1.39 -33.26	56.02 1.98 -26.76	69.52 2.02 -44.63	93.82 2.26 -67.18	92.21 2.77 -60.49	40.68 3.70 0.00	40.65 3.51 0.00	36.16 2.97 0.00	34.02 2.83 0.00	33.84 2.79 0.00	28.58 2.06 0.00	24.20 1.68 0.00

BAYONEEC___CTG7 323688	30.28 1.54 0.00	25.53 1.27 0.00	20.08 1.08 0.00	21.41 1.24 0.00	21.76 1.26 0.00	27.50 1.65 0.00	30.25 1.81 -2.26	203.08 1.52 -179.73	184.70 1.27 -163.25	53.11 1.33 -30.67	48.80 1.40 -24.83	52.50 1.46 -27.10	57.89 1.39 -33.26	56.02 1.98 -26.76	69.52 2.02 -44.63	93.82 2.26 -67.18	92.21 2.77 -60.49	40.68 3.70 0.00	40.65 3.51 0.00	36.16 2.97 0.00	34.02 2.83 0.00	33.84 2.79 0.00	28.58 2.06 0.00	24.20 1.68 0.00
BAYONEEC___CTG8 323689	30.28 1.54 0.00	25.53 1.27 0.00	20.08 1.08 0.00	21.41 1.24 0.00	21.76 1.26 0.00	27.50 1.65 0.00	30.25 1.81 -2.26	203.08 1.52 -179.73	184.70 1.27 -163.25	53.11 1.33 -30.67	48.80 1.40 -24.83	52.50 1.46 -27.10	57.89 1.39 -33.26	56.02 1.98 -26.76	69.52 2.02 -44.63	93.82 2.26 -67.18	92.21 2.77 -60.49	40.68 3.70 0.00	40.65 3.51 0.00	36.16 2.97 0.00	34.02 2.83 0.00	33.84 2.79 0.00	28.58 2.06 0.00	24.20 1.68 0.00
BAYONEEC___CTG9 323749	30.28 1.54 0.00	25.53 1.27 0.00	20.08 1.08 0.00	21.41 1.24 0.00	21.76 1.26 0.00	27.50 1.65 0.00	30.25 1.81 -2.26	203.08 1.52 -179.73	184.70 1.27 -163.25	53.11 1.33 -30.67	48.80 1.40 -24.83	52.50 1.46 -27.10	57.89 1.39 -33.26	56.02 1.98 -26.76	69.52 2.02 -44.63	93.82 2.26 -67.18	92.21 2.77 -60.49	40.68 3.70 0.00	40.65 3.51 0.00	36.16 2.97 0.00	34.02 2.83 0.00	33.84 2.79 0.00	28.58 2.06 0.00	24.20 1.68 0.00
BEACON___LESR 323632	29.45 0.71 0.00	24.90 0.64 0.00	19.69 0.68 0.00	20.90 0.73 0.00	21.28 0.77 0.00	26.77 0.92 0.00	27.09 0.90 0.00	22.46 0.62 0.00	20.66 0.49 0.00	21.47 0.36 0.00	22.94 0.37 0.00	24.29 0.35 0.00	23.54 0.31 0.00	27.85 0.57 0.00	23.57 0.70 0.00	25.18 0.80 0.00	30.04 1.09 0.00	38.42 1.45 0.00	38.72 1.58 0.00	34.68 1.49 0.00	32.58 1.39 0.00	32.40 1.35 0.00	27.40 0.87 0.00	23.27 0.75 0.00
BEAVER RIVER___HYD 24048	29.11 0.38 0.00	24.26 0.00 0.00	18.86 -0.15 0.00	19.92 -0.24 0.00	20.21 -0.30 0.00	25.81 -0.04 0.00	26.34 0.15 0.00	21.97 0.13 0.00	20.35 0.17 0.00	21.44 0.33 0.00	22.93 0.36 0.00	24.36 0.42 0.00	23.64 0.41 0.00	27.59 0.31 0.00	23.14 0.26 0.00	24.65 0.26 0.00	29.45 0.50 0.00	37.31 0.33 0.00	37.39 0.25 0.00	33.47 0.39 0.10	28.37 0.80 3.63	33.71 0.72 -1.94	26.75 0.23 0.00	22.37 -0.14 0.00
BEEBEE_GT_13 23619	28.83 0.09 0.00	24.27 0.01 0.00	18.80 -0.20 0.00	19.92 -0.25 0.00	20.32 -0.19 0.00	25.14 -0.09 0.62	22.80 -0.01 3.38	21.15 0.07 0.75	20.43 0.25 0.00	21.51 0.40 0.00	23.09 0.53 0.00	24.62 0.69 0.00	23.91 0.68 0.00	27.67 0.84 0.45	23.53 0.66 0.01	24.91 0.62 0.10	28.80 0.61 0.76	35.57 0.69 2.10	36.99 1.04 1.18	32.99 0.97 1.17	30.72 0.66 1.13	30.33 0.47 1.19	26.42 0.33 0.43	22.72 0.23 0.03
BENSHRST_27_KV_BENSHRST_1 355998	34.23 1.88 -3.61	25.80 1.53 0.00	20.24 1.24 0.00	21.57 1.41 0.00	21.93 1.42 0.00	27.72 1.87 0.00	30.41 2.03 -2.19	197.64 1.63 -174.16	179.75 1.37 -158.20	52.26 1.43 -29.72	48.18 1.55 -24.06	51.84 1.64 -26.26	57.03 1.57 -32.23	55.42 2.20 -25.93	68.31 2.19 -43.25	91.93 2.44 -65.10	90.58 3.00 -58.62	41.06 4.08 0.00	40.99 3.86 0.00	36.48 3.29 0.00	34.35 3.16 0.00	34.25 3.20 0.00	28.88 2.36 0.00	24.41 1.90 0.00
BETHLEHEM___GRP 23843	29.09 0.35 0.00	24.64 0.38 0.00	19.51 0.51 0.00	20.70 0.54 0.00	21.05 0.55 0.00	26.41 0.57 0.00	26.64 0.45 0.00	22.06 0.22 0.00	20.35 0.17 0.00	21.15 0.04 0.00	22.61 0.04 0.00	23.93 0.00 0.00	23.25 0.02 0.00	27.41 0.13 0.00	23.22 0.34 0.00	24.77 0.38 0.00	29.43 0.48 0.00	37.62 0.65 0.00	37.88 0.75 0.00	33.89 0.71 0.00	31.93 0.73 0.00	31.78 0.73 0.00	26.90 0.38 0.00	22.90 0.38 0.00
BETHLEHEM___GS1 323560	29.08 0.35 0.00	24.63 0.38 0.00	19.51 0.50 0.00	20.70 0.54 0.00	21.05 0.55 0.00	26.41 0.57 0.00	26.64 0.45 0.00	22.06 0.22 0.00	20.34 0.17 0.00	21.14 0.03 0.00	22.61 0.04 0.00	23.93 0.00 0.00	23.25 0.02 0.00	27.41 0.13 0.00	23.22 0.34 0.00	24.77 0.38 0.00	29.42 0.48 0.00	37.62 0.64 0.00	37.88 0.74 0.00	33.89 0.71 0.00	31.92 0.73 0.00	31.78 0.73 0.00	26.90 0.38 0.00	22.90 0.38 0.00
BETHLEHEM___GS2 323561	29.08 0.35 0.00	24.63 0.38 0.00	19.51 0.50 0.00	20.70 0.54 0.00	21.05 0.55 0.00	26.41 0.57 0.00	26.64 0.45 0.00	22.06 0.22 0.00	20.34 0.17 0.00	21.14 0.03 0.00	22.61 0.04 0.00	23.93 0.00 0.00	23.25 0.02 0.00	27.41 0.13 0.00	23.22 0.34 0.00	24.77 0.38 0.00	29.42 0.48 0.00	37.62 0.64 0.00	37.88 0.74 0.00	33.89 0.71 0.00	31.92 0.73 0.00	31.78 0.73 0.00	26.90 0.38 0.00	22.90 0.38 0.00
BETHLEHEM___GS3 323562	29.08 0.35 0.00	24.63 0.38 0.00	19.51 0.50 0.00	20.70 0.54 0.00	21.05 0.55 0.00	26.41 0.57 0.00	26.64 0.45 0.00	22.06 0.22 0.00	20.34 0.17 0.00	21.14 0.03 0.00	22.61 0.04 0.00	23.93 0.00 0.00	23.25 0.02 0.00	27.41 0.13 0.00	23.22 0.34 0.00	24.77 0.38 0.00	29.42 0.48 0.00	37.62 0.64 0.00	37.88 0.74 0.00	33.89 0.71 0.00	31.92 0.73 0.00	31.78 0.73 0.00	26.90 0.38 0.00	22.90 0.38 0.00
BETHLEHEM___STEEL 23779	28.76 0.02 0.00	24.17 -0.09 0.00	18.63 -0.37 0.00	19.74 -0.42 0.00	20.18 -0.33 0.00	25.12 -0.19 0.53	23.21 -0.10 2.88	21.28 0.09 0.64	20.57 0.40 0.00	21.69 0.58 0.00	23.25 0.68 0.00	24.74 0.80 0.00	23.97 0.74 0.00	27.74 0.84 0.38	23.33 0.46 0.01	24.55 0.25 0.08	28.68 0.39 0.66	35.58 0.40 1.80	37.10 0.97 1.01	33.05 0.86 1.00	30.65 0.43 0.97	30.21 0.18 1.02	26.32 0.17 0.37	22.64 0.14 0.02
BETHLHEM_115KV_TB1 79974	29.14 0.40 0.00	24.67 0.41 0.00	19.52 0.51 0.00	20.72 0.55 0.00	21.07 0.56 0.00	26.45 0.60 0.00	26.68 0.49 0.00	22.11 0.27 0.00	20.39 0.21 0.00	21.21 0.10 0.00	22.67 0.10 0.00	24.00 0.06 0.00	23.31 0.08 0.00	27.49 0.21 0.00	23.28 0.41 0.00	24.83 0.45 0.00	29.51 0.57 0.00	37.72 0.74 0.00	37.96 0.83 0.00	33.96 0.78 0.00	31.99 0.80 0.00	31.85 0.81 0.00	26.97 0.45 0.00	22.95 0.43 0.00
BETHPAGE_CC_5 323564	30.28 1.54 0.00	25.56 1.30 0.00	20.06 1.06 0.00	21.37 1.20 0.00	22.32 1.23 -0.58	30.25 1.81 -2.60	29.48 1.75 -1.54	23.36 1.52 0.00	22.22 1.34 -0.71	24.70 1.54 -2.06	25.71 1.43 -1.71	27.21 1.59 -1.68	26.28 1.40 -1.65	30.69 1.88 -1.52	26.68 2.05 -1.75	28.14 2.16 -1.59	32.71 2.61 -1.15	40.84 3.12 -0.75	41.72 3.19 -1.39	37.21 2.52 -1.51	34.86 2.49 -1.17	35.60 2.89 -1.67	30.50 2.10 -1.88	27.08 1.82 -2.75
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.89 0.15 0.00	24.27 0.01 0.00	18.71 -0.29 0.00	19.83 -0.34 0.00	20.26 -0.25 0.00	25.24 -0.08 0.52	23.35 0.02 2.85	21.40 0.19 0.64	20.69 0.52 0.00	21.81 0.70 0.00	23.39 0.82 0.00	24.87 0.93 0.00	24.10 0.87 0.00	27.91 1.01 0.38	23.45 0.59 0.01	24.67 0.37 0.08	28.84 0.54 0.65	35.79 0.59 1.78	37.29 1.15 1.00	33.22 1.02 0.99	30.81 0.58 0.96	30.36 0.33 1.01	26.45 0.30 0.36	22.74 0.24 0.02

BINGHAMTON___COGEN 23790	29.07 0.33 0.00	24.49 0.23 0.00	19.10 0.10 0.00	20.35 0.17 0.00	20.74 0.23 0.00	26.10 0.39 0.15	25.81 0.42 0.79	22.09 0.43 0.18	20.64 0.47 0.00	21.62 0.51 0.00	23.12 0.55 0.00	24.52 0.58 0.00	23.80 0.56 0.00	28.01 0.83 0.11	23.62 0.74 0.00	25.17 0.80 0.02	29.85 1.09 0.18	37.77 1.29 0.50	38.10 1.25 0.28	33.93 1.02 0.28	31.80 0.87 0.27	31.55 0.78 0.28	26.93 0.51 0.10	22.87 0.36 0.01
BIXINCNT_115KV_LOAD 355685	29.08 0.34 0.00	24.23 -0.03 0.00	18.72 -0.28 0.00	19.83 -0.34 0.00	20.22 -0.29 0.00	25.37 0.02 0.50	23.81 0.33 2.71	21.77 0.54 0.61	21.09 0.92 0.00	22.11 1.01 0.00	23.68 1.11 0.00	24.99 1.05 0.00	24.10 0.86 0.00	27.95 1.02 0.36	23.15 0.28 0.01	24.36 0.06 0.08	29.18 0.85 0.61	35.82 0.53 1.69	36.91 0.72 0.95	33.21 0.96 0.94	30.86 0.58 0.91	30.43 0.34 0.96	26.43 0.25 0.35	22.60 0.10 0.02
BLACK RIVER___HYD 24047	29.04 0.31 0.00	24.13 -0.13 0.00	18.76 -0.25 0.00	19.83 -0.34 0.00	20.15 -0.36 0.00	25.99 0.03 -0.11	26.94 0.16 -0.58	22.04 0.07 -0.13	20.26 0.09 0.00	21.36 0.26 0.00	22.88 0.31 0.00	24.31 0.37 0.00	23.57 0.34 0.00	27.58 0.22 -0.08	23.16 0.28 0.00	24.68 0.28 -0.02	29.67 0.60 -0.12	37.76 0.44 -0.34	37.73 0.40 -0.19	33.89 0.59 -0.12	29.98 1.12 2.32	33.53 0.93 -1.55	26.92 0.33 -0.07	22.43 -0.10 0.00
BLACKRVR_115KV_TB2 79977	29.04 0.30 0.00	24.13 -0.13 0.00	18.75 -0.25 0.00	19.83 -0.34 0.00	20.16 -0.36 0.00	25.99 0.03 -0.11	26.94 0.16 -0.58	22.04 0.07 -0.13	20.26 0.09 0.00	21.36 0.26 0.00	22.88 0.31 0.00	24.31 0.37 0.00	23.57 0.34 0.00	27.58 0.22 -0.08	23.16 0.29 0.00	24.68 0.28 -0.02	29.67 0.60 -0.12	37.75 0.44 -0.34	37.73 0.40 -0.19	33.89 0.59 -0.12	29.98 1.12 2.32	33.53 0.93 -1.55	26.92 0.33 -0.07	22.43 -0.10 0.00
BLISS_WT_PWR 323608	28.34 0.31 0.70	24.11 -0.15 0.00	18.64 -0.36 0.00	19.72 -0.45 0.00	20.10 -0.41 0.00	25.25 -0.10 0.50	22.70 0.28 3.77	21.73 0.49 0.61	20.80 0.91 0.28	21.86 0.98 0.22	23.16 1.07 0.48	24.91 0.97 0.00	24.00 0.77 0.00	27.84 0.92 0.36	22.97 0.10 0.01	24.17 -0.13 0.08	29.15 0.82 0.61	35.69 0.40 1.69	36.71 0.52 0.95	33.11 0.87 0.94	30.78 0.50 0.91	30.33 0.24 0.96	26.30 0.13 0.35	22.46 -0.04 0.02
BLUESTONE___WT_PWR 323821	28.79 0.05 0.00	24.56 0.30 0.00	19.19 0.19 0.00	20.55 0.38 0.00	21.09 0.58 0.00	26.60 0.87 0.13	26.58 1.07 0.68	22.74 1.05 0.15	21.28 1.11 0.00	22.38 1.27 0.00	23.92 1.35 0.00	25.26 1.32 0.00	24.39 1.16 0.00	28.60 1.41 0.09	24.00 1.13 0.00	25.63 1.27 0.02	30.39 1.60 0.15	38.18 1.63 0.42	38.97 2.07 0.24	34.54 1.59 0.24	32.08 1.11 0.23	32.56 1.76 0.24	27.20 0.77 0.09	22.70 0.19 0.01
BLUE_CIRC_CHEM_DRP 24182	29.42 0.68 0.00	24.91 0.65 0.00	19.67 0.67 0.00	20.90 0.73 0.00	21.26 0.75 0.00	26.69 0.84 0.00	26.91 0.72 0.00	22.29 0.45 0.00	20.49 0.32 0.00	21.30 0.19 0.00	22.71 0.15 0.00	24.02 0.08 0.00	23.32 0.09 0.00	27.51 0.23 0.00	23.23 0.35 0.00	24.80 0.41 0.00	29.51 0.56 0.00	37.77 0.79 0.00	38.15 1.01 0.00	34.23 1.04 0.00	32.25 1.06 0.00	32.11 1.07 0.00	27.21 0.69 0.00	23.13 0.61 0.00
BOC_GAS_DRP 24189	29.21 0.47 0.00	24.72 0.46 0.00	19.49 0.49 0.00	20.72 0.56 0.00	21.08 0.57 0.00	26.49 0.64 0.00	26.75 0.56 0.00	22.22 0.39 0.00	20.48 0.30 0.00	21.35 0.24 0.00	22.82 0.25 0.00	24.16 0.22 0.00	23.45 0.22 0.00	27.68 0.40 0.00	23.40 0.52 0.00	24.96 0.58 0.00	29.67 0.72 0.00	37.92 0.94 0.00	38.11 0.97 0.00	34.09 0.90 0.00	32.09 0.90 0.00	31.97 0.92 0.00	27.08 0.56 0.00	23.02 0.50 0.00
BOONVILLE_115KV_TB1 79983	29.38 0.64 0.00	24.62 0.36 0.00	19.22 0.21 0.00	20.36 0.19 0.00	20.67 0.16 0.00	26.22 0.37 0.00	26.68 0.49 0.00	22.27 0.43 0.00	20.61 0.43 0.00	21.64 0.54 0.00	23.16 0.59 0.00	24.59 0.65 0.00	23.92 0.69 0.00	28.07 0.78 0.00	23.54 0.67 0.00	25.09 0.70 0.00	29.96 1.01 0.00	38.26 1.28 0.00	38.38 1.24 0.00	34.28 1.12 0.03	31.53 1.23 0.89	32.91 1.12 -0.75	27.16 0.64 0.00	22.86 0.34 0.00
BORALEX_4TH_BRANCH 23824	29.84 1.11 0.00	25.30 1.04 0.00	20.04 1.04 0.00	21.37 1.20 0.00	21.74 1.23 0.00	27.21 1.36 0.00	27.43 1.24 0.00	22.72 0.88 0.00	20.79 0.61 0.00	21.58 0.47 0.00	23.04 0.47 0.00	24.32 0.39 0.00	23.59 0.36 0.00	27.97 0.69 0.00	23.68 0.80 0.00	25.08 0.69 0.00	29.80 0.85 0.00	38.26 1.28 0.00	38.78 1.65 0.00	34.89 1.70 0.00	32.94 1.75 0.00	32.79 1.74 0.00	27.61 1.09 0.00	23.46 0.94 0.00
BOWLINE___1 23526	29.88 1.15 0.00	25.22 0.96 0.00	19.81 0.81 0.00	21.13 0.96 0.00	21.48 0.98 0.00	27.14 1.29 0.00	27.60 1.40 0.00	23.02 1.18 0.00	21.18 1.00 0.00	22.17 1.06 0.00	23.62 1.06 0.00	25.01 1.07 0.00	24.23 1.00 0.00	28.83 1.55 0.00	24.56 1.69 0.00	26.30 1.92 0.00	31.33 2.38 0.00	40.08 3.11 0.00	39.98 2.85 0.00	35.48 2.29 0.00	33.35 2.16 0.00	33.16 2.11 0.00	27.99 1.47 0.00	23.73 1.21 0.00
BOWLINE___2 23595	29.85 1.12 0.00	25.21 0.95 0.00	19.80 0.80 0.00	21.13 0.96 0.00	21.48 0.97 0.00	27.12 1.28 0.00	27.57 1.38 0.00	22.99 1.16 0.00	21.15 0.98 0.00	22.15 1.04 0.00	23.60 1.04 0.00	25.00 1.06 0.00	24.23 1.00 0.00	28.86 1.57 0.00	24.60 1.73 0.00	26.34 1.95 0.00	31.37 2.42 0.00	40.13 3.16 0.00	40.01 2.88 0.00	35.48 2.29 0.00	33.36 2.16 0.00	33.16 2.11 0.00	27.99 1.47 0.00	23.73 1.21 0.00
BRADY___115KV_TB2 356060	29.14 0.40 0.00	24.56 0.30 0.00	19.14 0.13 0.00	20.19 0.03 0.00	20.50 0.00 0.00	25.88 0.03 0.00	26.41 0.22 0.00	22.00 0.17 0.00	20.27 0.10 0.00	21.23 0.13 0.00	22.65 0.08 0.00	24.04 0.11 0.00	23.31 0.08 0.00	27.12 -0.16 0.00	22.53 -0.35 0.00	23.99 -0.39 0.00	28.05 -0.90 0.00	35.78 -1.20 0.00	36.12 -1.02 0.00	32.12 -0.73 0.35	18.21 -0.66 12.32	32.92 -0.27 -2.14	26.62 0.10 0.00	22.55 0.03 0.00
BRANSCOMB___SOLAR 323811	29.72 0.99 0.00	25.19 0.93 0.00	19.86 0.85 0.00	21.14 0.97 0.00	21.52 1.01 0.00	27.08 1.23 0.00	27.39 1.20 0.00	22.72 0.88 0.00	20.83 0.66 0.00	21.66 0.56 0.00	23.12 0.55 0.00	24.51 0.57 0.00	23.81 0.58 0.00	28.21 0.92 0.00	23.85 0.98 0.00	25.47 1.09 0.00	30.23 1.29 0.00	38.82 1.85 0.00	39.25 2.12 0.00	35.15 1.96 0.00	33.17 1.98 0.00	32.96 1.91 0.00	27.89 1.37 0.00	23.63 1.11 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.64 1.90 0.00	25.86 1.60 0.00	20.29 1.29 0.00	21.62 1.45 0.00	21.29 1.49 0.71	24.80 2.13 3.17	26.43 2.12 1.88	23.67 1.84 0.00	20.87 1.57 0.87	20.34 1.75 2.51	22.23 1.75 2.09	23.80 1.92 2.05	22.99 1.77 2.01	27.70 2.27 1.86	23.06 2.32 2.14	24.78 2.55 2.15	30.33 3.06 1.68	38.82 3.29 1.45	38.38 3.40 2.15	33.73 2.75 2.20	32.28 2.80 1.71	31.94 3.31 2.42	26.23 2.44 2.73	22.07 2.08 2.53



BRISTLHL_115KV_TB1 79998	28.35 -0.39 0.00	23.87 -0.38 0.00	18.65 -0.36 0.00	19.81 -0.36 0.00	20.17 -0.34 0.00	25.89 -0.37 -0.42	28.11 -0.36 -2.28	22.07 -0.27 -0.51	19.95 -0.21 0.00	20.91 -0.20 0.00	22.38 -0.19 0.00	23.70 -0.24 0.00	22.99 -0.24 0.00	27.45 -0.14 -0.31	22.82 -0.06 -0.01	24.37 -0.09 -0.07	29.41 -0.05 -0.52	38.38 -0.02 -1.42	37.89 -0.04 -0.79	33.94 -0.04 -0.79	31.87 -0.08 -0.77	31.67 -0.18 -0.81	26.54 -0.27 -0.29	22.29 -0.25 -0.02
BROOKHAVEN___DRP 24191	30.25 1.51 0.00	25.53 1.27 0.00	20.03 1.02 0.00	21.33 1.16 0.00	20.80 1.21 0.92	23.54 1.83 4.13	25.55 1.81 2.45	23.52 1.68 0.00	20.43 1.39 1.13	19.38 1.56 3.28	21.27 1.42 2.72	22.81 1.55 2.68	22.00 1.39 2.62	26.72 1.86 2.42	22.11 2.02 2.79	23.81 2.20 2.77	29.43 2.64 2.15	38.17 3.01 1.82	37.61 3.22 2.74	32.85 2.48 2.82	31.52 2.52 2.19	30.91 2.97 3.10	25.15 2.12 3.49	20.90 1.79 3.41
BROOKLYN_NAVY_YARD 23515	30.27 1.54 0.00	25.53 1.27 0.00	20.07 1.07 0.00	21.42 1.25 0.00	21.78 1.27 0.00	27.50 1.65 0.00	30.22 1.78 -2.26	203.07 1.50 -179.73	184.69 1.26 -163.25	53.09 1.32 -30.67	48.79 1.39 -24.83	52.48 1.45 -27.10	57.86 1.37 -33.26	56.00 1.95 -26.76	69.50 2.00 -44.63	93.80 2.23 -67.18	92.17 2.73 -60.49	40.61 3.63 0.00	40.56 3.42 0.00	36.06 2.87 0.00	33.91 2.71 0.00	33.74 2.69 0.00	28.53 2.01 0.00	24.15 1.63 0.00
BROOKLYN___ARMY_DRP 323595	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
BROOKVLE_69_KV_TB1 55790	30.57 1.83 0.00	25.78 1.52 0.00	20.23 1.23 0.00	21.55 1.39 0.00	24.01 1.41 -2.09	37.12 1.94 -9.34	33.69 1.96 -5.54	23.51 1.67 -0.01	24.24 1.51 -2.56	30.15 1.64 -7.41	30.38 1.66 -6.14	31.80 1.82 -6.05	30.84 1.69 -5.92	35.04 2.28 -5.48	31.51 2.33 -6.31	32.85 2.51 -5.95	36.39 3.02 -4.43	44.14 3.77 -3.39	46.41 3.74 -5.53	42.02 3.02 -5.81	38.62 2.92 -4.51	40.58 3.13 -6.40	36.03 2.31 -7.20	33.32 1.95 -8.86
BROOME_2_LFGE 323671	29.07 0.34 0.00	24.49 0.23 0.00	19.10 0.10 0.00	20.34 0.17 0.00	20.74 0.23 0.00	26.10 0.40 0.15	25.81 0.42 0.79	22.08 0.42 0.18	20.63 0.46 0.00	21.62 0.51 0.00	23.12 0.55 0.00	24.52 0.58 0.00	23.79 0.56 0.00	28.01 0.83 0.11	23.61 0.74 0.00	25.16 0.80 0.02	29.85 1.09 0.18	37.77 1.29 0.50	38.10 1.24 0.28	33.93 1.01 0.28	31.80 0.87 0.27	31.55 0.78 0.28	26.92 0.50 0.10	22.87 0.36 0.01
BROOME___LFGE 323600	29.07 0.34 0.00	24.49 0.23 0.00	19.10 0.10 0.00	20.34 0.17 0.00	20.74 0.23 0.00	26.10 0.40 0.15	25.81 0.42 0.79	22.08 0.42 0.18	20.63 0.46 0.00	21.62 0.51 0.00	23.12 0.55 0.00	24.52 0.58 0.00	23.79 0.56 0.00	28.01 0.83 0.11	23.61 0.74 0.00	25.16 0.80 0.02	29.85 1.09 0.18	37.77 1.29 0.50	38.10 1.24 0.28	33.93 1.01 0.28	31.80 0.87 0.27	31.55 0.78 0.28	26.92 0.50 0.10	22.87 0.36 0.01
BROWNFLS_115KV_TB_3_5 80003	29.06 0.33 0.00	24.32 0.06 0.00	18.92 -0.09 0.00	19.97 -0.19 0.00	20.26 -0.25 0.00	25.76 -0.09 0.00	26.30 0.11 0.00	21.95 0.11 0.00	20.30 0.12 0.00	21.35 0.24 0.00	22.79 0.23 0.00	24.21 0.27 0.00	23.48 0.25 0.00	27.38 0.10 0.00	22.89 0.02 0.00	24.37 -0.01 0.00	28.80 -0.15 0.00	36.48 -0.49 0.00	36.64 -0.50 0.00	32.66 -0.33 0.20	24.20 -0.06 6.93	34.64 0.13 -3.47	26.60 0.08 0.00	22.35 -0.16 0.00
BROWNSV1_27_KV_LOAD 356125	30.57 1.83 0.00	25.75 1.49 0.00	20.24 1.24 0.00	21.58 1.41 0.00	21.95 1.43 0.00	27.72 1.87 0.00	30.50 2.05 -2.26	203.31 1.75 -179.73	184.93 1.50 -163.25	53.35 1.58 -30.67	49.08 1.68 -24.83	52.80 1.77 -27.10	58.19 1.70 -33.26	56.38 2.34 -26.76	69.82 2.32 -44.63	94.14 2.58 -67.18	92.60 3.16 -60.49	41.16 4.18 0.00	41.12 3.99 0.00	36.57 3.38 0.00	34.39 3.20 0.00	34.21 3.16 0.00	28.87 2.35 0.00	24.43 1.92 0.00
BURROWS___LYONSDAL 23803	29.28 0.54 0.00	24.48 0.22 0.00	19.08 0.08 0.00	20.21 0.04 0.00	20.50 -0.01 0.00	26.03 0.19 0.00	26.53 0.34 0.00	22.15 0.31 0.00	20.53 0.36 0.00	21.59 0.49 0.00	23.11 0.54 0.00	24.54 0.60 0.00	23.86 0.63 0.00	27.96 0.68 0.00	23.43 0.56 0.00	24.96 0.57 0.00	29.82 0.88 0.00	38.01 1.04 0.00	38.09 0.96 0.00	34.06 0.91 0.04	30.88 1.11 1.43	33.02 0.99 -0.98	27.00 0.48 0.00	22.68 0.16 0.00
CAITHNESS_CC_1 323624	30.25 1.52 0.00	25.54 1.28 0.00	20.05 1.04 0.00	21.35 1.18 0.00	20.81 1.22 0.93	23.54 1.84 4.15	25.54 1.81 2.46	23.50 1.66 0.00	20.41 1.38 1.14	19.41 1.60 3.29	21.25 1.42 2.73	22.82 1.57 2.69	21.98 1.39 2.63	26.71 1.87 2.44	22.12 2.04 2.80	23.81 2.22 2.79	29.41 2.63 2.16	38.13 2.98 1.83	37.52 3.14 2.76	32.79 2.44 2.84	31.47 2.49 2.20	30.89 2.96 3.12	25.12 2.11 3.51	20.89 1.80 3.43
CALPINE BETH_PAGE_GT4 24209	30.37 1.63 0.00	25.62 1.36 0.00	20.11 1.11 0.00	21.43 1.26 0.00	23.02 1.30 -1.22	33.18 1.87 -5.46	31.26 1.83 -3.24	23.43 1.58 -0.01	23.08 1.41 -1.50	27.01 1.57 -4.33	27.66 1.49 -3.60	29.11 1.63 -3.54	28.17 1.47 -3.47	32.44 1.95 -3.21	28.65 2.08 -3.69	30.00 2.16 -3.46	34.15 2.64 -2.56	41.97 3.16 -1.83	43.54 3.25 -3.15	39.10 2.56 -3.36	36.32 2.52 -2.61	37.65 2.90 -3.70	32.84 2.15 -4.17	29.77 1.88 -5.38
CALPINE_BETH_PAGE_GT_4 323586	30.35 1.62 0.00	25.62 1.36 0.00	20.11 1.11 0.00	21.43 1.26 0.00	23.02 1.29 -1.22	33.18 1.87 -5.46	31.25 1.82 -3.24	23.41 1.57 -0.01	23.07 1.39 -1.50	27.03 1.59 -4.33	27.64 1.47 -3.60	29.10 1.62 -3.54	28.14 1.44 -3.47	32.43 1.94 -3.21	28.65 2.08 -3.69	30.00 2.15 -3.46	34.11 2.60 -2.56	41.93 3.13 -1.83	43.48 3.19 -3.15	39.07 2.53 -3.36	36.29 2.49 -2.61	37.64 2.89 -3.70	32.83 2.14 -4.17	29.77 1.88 -5.38
CALPINE_BP_GT1 23823	30.35 1.62 0.00	25.62 1.36 0.00	20.11 1.11 0.00	21.43 1.26 0.00	23.02 1.29 -1.22	33.18 1.87 -5.46	31.25 1.82 -3.24	23.41 1.57 -0.01	23.07 1.39 -1.50	27.03 1.59 -4.33	27.64 1.47 -3.60	29.10 1.62 -3.54	28.14 1.44 -3.47	32.43 1.94 -3.21	28.65 2.08 -3.69	30.00 2.15 -3.46	34.11 2.60 -2.56	41.93 3.13 -1.83	43.48 3.19 -3.15	39.07 2.53 -3.36	36.29 2.49 -2.61	37.64 2.89 -3.70	32.83 2.14 -4.17	29.77 1.88 -5.38
CALSPAN___DRP 24200	28.76 0.02 0.00	24.17 -0.09 0.00	18.63 -0.37 0.00	19.74 -0.42 0.00	20.18 -0.33 0.00	25.12 -0.19 0.53	23.21 -0.10 2.88	21.28 0.09 0.64	20.57 0.40 0.00	21.69 0.58 0.00	23.25 0.80 0.00	24.74 0.80 0.00	23.97 0.74 0.00	27.74 0.84 0.38	23.33 0.46 0.01	24.55 0.25 0.08	28.68 0.39 0.66	35.58 0.40 1.80	37.10 0.97 1.01	33.05 0.86 1.00	30.65 0.43 0.97	30.21 0.18 1.02	26.32 0.17 0.37	22.64 0.14 0.02

CALVERTON___SOLAR 323806	30.21 1.48 0.00	25.51 1.25 0.00	20.01 1.01 0.00	21.32 1.15 0.00	20.78 1.19 0.92	23.53 1.81 4.12	25.54 1.80 2.45	23.52 1.69 0.00	20.41 1.38 1.13	19.42 1.59 3.27	21.24 1.39 2.71	22.79 1.52 2.67	21.97 1.35 2.61	26.69 1.83 2.42	22.11 2.01 2.78	23.79 2.18 2.77	29.40 2.60 2.15	38.14 2.98 1.82	37.55 3.16 2.74	32.80 2.43 2.82	31.51 2.51 2.19	30.93 2.97 3.10	25.14 2.11 3.49	20.90 1.78 3.40
CANDIGU_WT_PWR 323617	29.11 -0.15 -0.52	23.77 -0.48 0.00	18.36 -0.65 0.00	19.58 -0.59 0.00	20.00 -0.51 0.00	25.06 -0.41 0.37	24.75 -0.18 1.27	21.46 0.07 0.45	20.77 0.40 -0.20	21.77 0.51 -0.15	23.39 0.49 -0.34	24.31 0.37 0.00	23.43 0.20 0.00	27.33 0.32 0.27	22.90 0.03 0.01	24.13 -0.19 0.06	28.87 0.38 0.46	36.26 0.55 1.27	36.94 0.52 0.71	32.83 0.34 0.71	30.56 0.05 0.68	29.99 -0.34 0.72	25.96 -0.31 0.26	22.05 -0.45 0.02
CARR STREET_E_SYR 24060	28.63 -0.10 0.00	24.11 -0.15 0.00	18.82 -0.18 0.00	19.99 -0.18 0.00	20.36 -0.15 0.00	25.43 -0.13 0.28	24.54 -0.11 1.55	21.43 -0.06 0.35	20.16 -0.01 0.00	21.14 0.03 0.00	22.65 0.08 0.00	24.05 0.11 0.00	23.30 0.07 0.00	27.17 0.09 0.20	23.00 0.13 0.00	24.50 0.16 0.04	28.87 0.27 0.35	36.33 0.31 0.96	36.84 0.24 0.54	32.84 0.19 0.53	30.79 0.12 0.52	30.51 0.01 0.55	26.27 -0.05 0.20	22.48 -0.03 0.01
CARTHAGE___PAPER 23857	29.22 0.48 0.00	24.32 0.06 0.00	18.90 -0.11 0.00	19.96 -0.20 0.00	20.27 -0.24 0.00	25.98 0.13 0.00	26.49 0.29 0.00	22.06 0.22 0.00	20.40 0.22 0.00	21.48 0.38 0.00	22.97 0.41 0.00	24.40 0.47 0.00	23.67 0.44 0.00	27.63 0.35 0.00	23.21 0.33 0.00	24.72 0.34 0.00	29.60 0.65 0.00	37.48 0.50 0.00	37.63 0.50 0.00	33.75 0.64 0.08	29.35 1.10 2.94	33.61 0.98 -1.58	26.94 0.42 0.00	22.51 -0.01 0.00
CASSADAGA_WT_PWR 323784	27.66 -0.42 0.66	23.79 -0.47 0.00	18.24 -0.77 0.00	19.33 -0.83 0.00	20.01 -0.49 0.00	25.07 -0.26 0.51	22.46 0.03 3.76	21.57 0.35 0.62	20.72 0.81 0.26	21.98 1.07 0.20	23.17 1.04 0.44	24.94 1.00 0.00	24.22 0.99 0.00	27.67 0.76 0.37	23.36 0.49 0.01	24.66 0.36 0.08	29.00 0.69 0.63	36.39 1.14 1.73	37.63 1.46 0.97	33.49 1.27 0.96	30.84 0.59 0.93	30.20 0.13 0.98	26.01 -0.15 0.35	22.39 -0.11 0.02
CE_DUNWOOD___DRP 24194	30.12 1.39 0.00	25.40 1.14 0.00	19.96 0.96 0.00	21.29 1.12 0.00	21.65 1.13 0.00	27.33 1.49 0.00	27.81 1.62 0.00	23.21 1.37 0.00	21.34 1.17 0.00	22.32 1.22 0.00	23.84 1.28 0.00	25.26 1.33 0.00	24.50 1.27 0.00	29.12 1.84 0.00	24.78 1.90 0.00	26.52 2.14 0.00	31.57 2.62 0.00	40.44 3.46 0.00	40.39 3.26 0.00	35.88 2.69 0.00	33.74 2.55 0.00	33.56 2.51 0.00	28.32 1.80 0.00	23.99 1.47 0.00
CE_MILLWOOD___DRP 24193	30.05 1.31 0.00	25.34 1.09 0.00	19.92 0.91 0.00	21.24 1.07 0.00	21.61 1.09 0.00	27.27 1.42 0.00	27.74 1.55 0.00	23.15 1.31 0.00	21.28 1.11 0.00	22.27 1.16 0.00	23.77 1.20 0.00	25.19 1.25 0.00	24.42 1.19 0.00	29.04 1.76 0.00	24.71 1.83 0.00	26.45 2.06 0.00	31.49 2.54 0.00	40.33 3.35 0.00	40.28 3.15 0.00	35.78 2.59 0.00	33.64 2.45 0.00	33.47 2.42 0.00	28.24 1.72 0.00	23.93 1.41 0.00
CE_NYC2_DRP 24202	30.36 1.62 0.00	25.59 1.33 0.00	20.11 1.11 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.69 0.00	30.22 1.84 -2.19	197.55 1.55 -174.16	179.63 1.25 -158.20	52.12 1.29 -29.72	48.02 1.39 -24.06	51.65 1.45 -26.26	56.84 1.38 -32.23	55.19 1.97 -25.93	68.13 2.00 -43.25	91.71 2.23 -65.10	90.31 2.74 -58.62	40.71 3.73 0.00	40.65 3.52 0.00	36.15 2.96 0.00	34.02 2.83 0.00	33.89 2.84 0.00	28.64 2.12 0.00	24.24 1.72 0.00
CE_NYC_DRP 24195	30.34 1.60 0.00	25.57 1.31 0.00	20.10 1.10 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.68 0.00	30.30 1.84 -2.27	204.27 1.55 -180.87	185.79 1.32 -164.30	53.36 1.39 -30.86	49.02 1.46 -24.99	52.75 1.54 -27.27	58.17 1.46 -33.48	56.28 2.06 -26.93	69.89 2.10 -44.91	94.33 2.34 -67.61	92.71 2.88 -60.88	40.79 3.82 0.00	40.75 3.62 0.00	36.23 3.04 0.00	34.07 2.88 0.00	33.89 2.84 0.00	28.61 2.09 0.00	24.22 1.70 0.00
CHAFFEE___LFGE 323603	28.47 0.37 0.64	24.39 0.13 0.00	18.79 -0.22 0.00	19.91 -0.25 0.00	20.36 -0.15 0.00	25.36 0.03 0.51	22.61 0.17 3.75	21.55 0.34 0.62	20.59 0.66 0.25	21.74 0.83 0.19	23.09 0.95 0.42	25.02 1.08 0.00	24.28 1.05 0.00	28.14 1.22 0.37	23.68 0.81 0.01	24.90 0.60 0.08	29.06 0.75 0.64	36.11 0.87 1.74	37.63 1.47 0.98	33.49 1.28 0.97	31.09 0.84 0.94	30.65 0.59 0.99	26.66 0.49 0.36	22.87 0.38 0.02
CHATEAUG_35_KV_LOAD 355732	29.13 0.39 0.00	24.54 0.29 0.00	18.88 -0.12 0.00	19.75 -0.42 0.00	19.99 -0.52 0.00	25.19 -0.66 0.00	26.06 -0.14 0.00	21.95 0.11 0.00	20.29 0.11 0.00	21.31 0.21 0.00	22.79 0.23 0.00	24.23 0.29 0.00	23.50 0.27 0.00	27.21 -0.08 0.00	22.62 -0.26 0.00	24.14 -0.25 0.00	28.37 -0.58 0.00	36.27 -0.71 0.00	36.59 -0.54 0.00	32.16 -0.66 0.37	12.58 -1.02 17.60	-11.18 -1.60 40.64	26.17 -0.35 0.00	21.92 -0.60 0.00
CHATEAUG_WT_PWR 323614	29.54 0.81 0.00	24.89 0.63 0.00	18.96 -0.05 0.00	19.78 -0.39 0.00	19.96 -0.55 0.00	25.05 -0.80 0.00	26.24 0.05 0.00	22.19 0.36 0.00	20.57 0.40 0.00	21.66 0.55 0.00	23.23 0.66 0.00	24.74 0.80 0.00	23.99 0.76 0.00	27.68 0.40 0.00	23.01 0.13 0.00	24.58 0.19 0.00	28.68 -0.27 0.00	36.71 -0.27 0.00	37.11 -0.03 0.00	32.40 -0.41 0.37	12.44 -1.16 17.59	-9.97 -2.39 38.63	26.31 -0.21 0.00	21.88 -0.64 0.00
CHAT_HIGH_FALL_HYD 323578	29.13 0.39 0.00	24.54 0.29 0.00	18.88 -0.12 0.00	19.75 -0.42 0.00	19.99 -0.52 0.00	25.19 -0.66 0.00	26.06 -0.14 0.00	21.95 0.11 0.00	20.29 0.11 0.00	21.31 0.21 0.00	22.79 0.23 0.00	24.23 0.29 0.00	23.50 0.27 0.00	27.21 -0.08 0.00	22.62 -0.26 0.00	24.14 -0.25 0.00	28.37 -0.58 0.00	36.27 -0.71 0.00	36.59 -0.54 0.00	32.16 -0.66 0.37	12.58 -1.02 17.60	-11.18 -1.60 40.64	26.17 -0.35 0.00	21.92 -0.60 0.00
CHAUTAUQUA___LFGE 323629	28.01 -0.09 0.64	24.02 -0.24 0.00	18.46 -0.54 0.00	19.60 -0.57 0.00	20.15 -0.36 0.00	25.22 -0.11 0.52	22.46 0.04 3.77	21.50 0.29 0.63	20.59 0.67 0.25	21.77 0.86 0.19	23.04 0.89 0.42	24.90 0.96 0.00	24.17 0.94 0.00	27.89 0.99 0.38	23.48 0.62 0.01	24.77 0.46 0.08	29.01 0.70 0.64	36.22 1.00 1.76	37.52 1.37 0.98	33.33 1.12 0.98	30.86 0.62 0.95	30.34 0.29 1.00	26.28 0.11 0.36	22.56 0.06 0.02
CHERRYST_13_KV_LD 356241	30.41 1.67 0.00	25.63 1.37 0.00	20.15 1.15 0.00	21.49 1.32 0.00	21.85 1.34 0.00	27.60 1.76 0.00	30.39 1.93 -2.27	204.35 1.64 -180.87	185.88 1.41 -164.30	53.45 1.48 -30.86	49.13 1.57 -24.99	52.86 1.65 -27.27	58.29 1.58 -33.48	56.42 2.20 -26.93	70.00 2.21 -44.91	94.45 2.46 -67.61	92.84 3.01 -60.88	40.97 3.99 0.00	40.90 3.77 0.00	36.35 3.17 0.00	34.18 2.99 0.00	33.99 2.95 0.00	28.69 2.17 0.00	24.29 1.77 0.00

CHESTROR_138KV_BK263 355645	29.81 1.08 0.00	25.15 0.89 0.00	19.75 0.75 0.00	21.06 0.89 0.00	21.42 0.91 0.00	27.04 1.19 0.00	27.47 1.28 0.00	22.92 1.08 0.00	21.08 0.91 0.00	22.05 0.95 0.00	23.54 0.98 0.00	24.95 1.01 0.00	24.20 0.97 0.00	28.76 1.48 0.00	24.45 1.57 0.00	26.17 1.79 0.00	31.19 2.24 0.00	39.93 2.95 0.00	39.89 2.75 0.00	35.44 2.25 0.00	33.34 2.15 0.00	33.17 2.12 0.00	28.01 1.49 0.00	23.73 1.21 0.00
CH_MIDHUDSON___DRP 24192	30.00 1.26 0.00	25.31 1.05 0.00	19.92 0.91 0.00	21.24 1.07 0.00	21.60 1.08 0.00	27.21 1.36 0.00	27.66 1.48 0.00	23.07 1.23 0.00	21.21 1.04 0.00	22.18 1.07 0.00	23.71 1.14 0.00	25.12 1.19 0.00	24.37 1.14 0.00	28.96 1.67 0.00	24.63 1.75 0.00	26.36 1.98 0.00	31.40 2.46 0.00	40.24 3.26 0.00	40.26 3.12 0.00	35.80 2.61 0.00	33.65 2.46 0.00	33.50 2.45 0.00	28.24 1.72 0.00	23.91 1.39 0.00
CH_MISC_IPPS 23765	30.16 1.42 0.00	25.45 1.19 0.00	20.00 1.00 0.00	21.32 1.15 0.00	21.69 1.17 0.00	27.34 1.50 0.00	27.81 1.62 0.00	23.20 1.36 0.00	21.33 1.16 0.00	22.32 1.22 0.00	23.86 1.29 0.00	25.29 1.35 0.00	24.54 1.31 0.00	29.18 1.89 0.00	24.83 1.95 0.00	26.58 2.20 0.00	31.70 2.75 0.00	40.62 3.64 0.00	40.60 3.47 0.00	36.09 2.90 0.00	33.92 2.73 0.00	33.74 2.69 0.00	28.45 1.93 0.00	24.06 1.55 0.00
CH_RES_BVR_FALLS 23983	28.31 -0.43 0.00	23.84 -0.42 0.00	18.64 -0.37 0.00	19.72 -0.45 0.00	20.01 -0.50 0.00	25.19 -0.66 0.00	25.57 -0.62 0.00	21.39 -0.45 0.00	19.88 -0.29 0.00	20.88 -0.22 0.00	22.37 -0.20 0.00	23.76 -0.18 0.00	23.02 -0.21 0.00	26.85 -0.43 0.00	22.39 -0.49 0.00	23.85 -0.53 0.00	28.31 -0.64 0.00	35.96 -1.02 0.00	36.06 -1.08 0.00	31.62 -0.98 0.59	8.94 -0.91 21.34	29.73 -0.88 0.44	25.82 -0.70 0.00	21.85 -0.67 0.00
CH_RES_NIAGARA 23895	27.83 -0.91 0.00	23.51 -0.75 0.00	18.12 -0.88 0.00	19.17 -0.99 0.00	19.59 -0.92 0.00	24.27 -1.01 0.57	21.98 -1.13 3.08	20.28 -0.87 0.69	19.66 -0.51 0.00	20.70 -0.41 0.00	22.21 -0.36 0.00	23.67 -0.27 0.00	22.94 -0.29 0.00	26.45 -0.42 0.41	22.31 -0.56 0.01	23.45 -0.84 0.09	27.25 -1.00 0.70	33.67 -1.39 1.92	35.36 -0.70 1.07	31.54 -0.58 1.07	29.23 -0.93 1.04	28.88 -1.08 1.09	25.31 -0.82 0.39	21.86 -0.63 0.03
CH_RES_SYRACUSE 23985	28.81 0.07 0.00	24.24 -0.02 0.00	18.93 -0.07 0.00	20.10 -0.07 0.00	20.47 -0.04 0.00	25.88 0.03 0.00	26.24 0.05 0.00	21.91 0.07 0.00	20.27 0.09 0.00	21.24 0.14 0.00	22.75 0.18 0.00	24.16 0.23 0.00	23.47 0.24 0.00	27.65 0.36 0.00	23.24 0.37 0.00	24.79 0.41 0.00	29.53 0.58 0.00	37.67 0.69 0.00	37.74 0.61 0.00	33.73 0.54 0.00	31.65 0.46 0.00	31.36 0.31 0.00	26.66 0.14 0.00	22.59 0.07 0.00
CLINTON_WT_PWR 323605	29.54 0.81 0.00	24.89 0.63 0.00	18.96 -0.05 0.00	19.78 -0.39 0.00	19.96 -0.55 0.00	25.05 -0.80 0.00	26.24 0.05 0.00	22.19 0.36 0.00	20.57 0.40 0.00	21.66 0.55 0.00	23.23 0.66 0.00	24.74 0.80 0.00	23.99 0.76 0.00	27.68 0.40 0.00	23.01 0.13 0.00	24.58 0.19 0.00	28.68 -0.27 0.00	36.71 -0.27 0.00	37.11 -0.03 0.00	32.40 -0.41 0.37	12.44 -1.16 17.59	-9.97 -2.39 38.63	26.31 -0.21 0.00	21.88 -0.64 0.00
CLINTON___LFGE 323618	29.68 0.94 0.00	25.00 0.74 0.00	19.14 0.14 0.00	20.01 -0.16 0.00	20.24 -0.27 0.00	25.43 -0.42 0.00	26.44 0.25 0.00	22.36 0.52 0.00	20.72 0.55 0.00	21.78 0.67 0.00	23.32 0.75 0.00	24.82 0.88 0.00	24.09 0.86 0.00	27.87 0.58 0.00	23.18 0.30 0.00	24.71 0.32 0.00	28.89 -0.06 0.00	37.04 0.06 0.00	37.49 0.36 0.00	32.80 -0.01 0.37	12.96 -0.64 17.59	-9.47 -1.56 38.96	26.64 0.12 0.00	22.27 -0.25 0.00
COBBLENY_34_KV_TB1 80064	29.04 0.31 0.00	24.39 0.13 0.00	18.79 -0.22 0.00	19.91 -0.25 0.00	20.36 -0.15 0.00	25.36 0.03 0.51	23.54 0.15 2.80	21.54 0.33 0.62	20.81 0.64 0.00	21.94 0.83 0.00	23.52 0.95 0.00	25.02 1.08 0.00	24.28 1.05 0.00	28.14 1.23 0.37	23.67 0.80 0.01	24.89 0.59 0.08	29.05 0.74 0.64	36.09 0.86 1.74	37.62 1.46 0.98	33.50 1.28 0.97	31.08 0.83 0.94	30.64 0.59 0.99	26.66 0.49 0.36	22.87 0.38 0.02
COFFEEN___115KV_TB3 355620	29.25 0.51 0.00	24.31 0.05 0.00	18.89 -0.11 0.00	19.97 -0.19 0.00	20.32 -0.19 0.00	26.20 0.24 -0.11	27.18 0.38 -0.61	22.21 0.24 -0.14	20.36 0.18 0.00	21.44 0.33 0.00	22.95 0.38 0.00	24.39 0.45 0.00	23.64 0.41 0.00	27.69 0.32 -0.08	23.27 0.39 0.00	24.81 0.40 -0.02	29.83 0.76 -0.13	37.98 0.65 -0.36	38.14 0.80 -0.20	34.23 0.91 -0.13	30.42 1.47 2.24	33.83 1.27 -1.52	27.21 0.61 -0.07	22.66 0.13 0.00
COLDSPRG_115KV_BK1 355956	29.46 0.73 0.00	24.76 0.50 0.00	19.01 0.01 0.00	20.22 0.06 0.00	20.79 0.28 0.00	26.05 0.70 0.49	24.49 0.99 2.69	22.38 1.14 0.60	21.64 1.47 0.00	22.80 1.70 0.00	24.34 1.77 0.00	25.82 1.88 0.00	24.99 1.76 0.00	28.85 1.93 0.36	24.19 1.33 0.01	25.53 1.22 0.08	29.93 1.60 0.61	37.34 2.04 1.67	38.54 2.34 0.94	34.25 1.99 0.93	31.70 1.41 0.90	31.28 1.19 0.95	27.11 0.93 0.34	23.30 0.81 0.02
COLONIE_LFGE___ 323577	29.52 0.78 0.00	25.00 0.74 0.00	19.74 0.74 0.00	21.01 0.84 0.00	21.37 0.86 0.00	26.83 0.99 0.00	27.12 0.93 0.00	22.50 0.66 0.00	20.67 0.50 0.00	21.50 0.40 0.00	22.98 0.41 0.00	24.32 0.38 0.00	23.61 0.38 0.00	27.95 0.67 0.00	23.63 0.76 0.00	25.18 0.80 0.00	29.92 0.97 0.00	38.33 1.35 0.00	38.68 1.55 0.00	34.64 1.46 0.00	32.65 1.46 0.00	32.48 1.43 0.00	27.45 0.93 0.00	23.32 0.80 0.00
COOPERNY_115KV_TB1 80082	29.64 0.90 0.00	25.02 0.75 0.00	19.64 0.64 0.00	20.92 0.76 0.00	21.29 0.77 0.00	26.87 1.03 0.00	27.29 1.10 0.00	22.77 0.93 0.00	20.97 0.80 0.00	21.93 0.83 0.00	23.42 0.85 0.00	24.82 0.88 0.00	24.06 0.83 0.00	28.56 1.27 0.00	24.23 1.36 0.00	25.92 1.54 0.00	30.89 1.94 0.00	39.50 2.52 0.00	39.47 2.33 0.00	35.09 1.90 0.00	33.00 1.81 0.00	32.86 1.81 0.00	27.78 1.26 0.00	23.54 1.02 0.00
COPENHAGEN_WT_PWR 323753	28.75 0.01 0.00	23.84 -0.41 0.00	18.52 -0.48 0.00	19.57 -0.59 0.00	19.90 -0.61 0.00	25.75 -0.21 -0.12	26.72 -0.12 -0.65	21.81 -0.17 -0.15	20.10 -0.07 0.00	21.25 0.14 0.00	22.77 0.20 0.00	24.19 0.26 0.00	23.45 0.22 0.00	27.41 0.04 -0.09	23.00 0.13 0.00	24.50 0.10 -0.02	29.46 0.37 -0.14	37.52 0.16 -0.38	37.22 -0.13 -0.21	33.52 0.18 -0.15	29.86 0.76 2.09	33.08 0.56 -1.47	26.56 -0.04 -0.08	22.11 -0.42 0.00
CORNELL_____ 23752	29.50 0.76 0.00	24.81 0.55 0.00	19.33 0.32 0.00	20.53 0.36 0.00	20.95 0.44 0.00	26.38 0.70 0.16	26.08 0.77 0.87	22.33 0.68 0.19	20.80 0.63 0.00	21.74 0.63 0.00	23.24 0.68 0.00	24.68 0.74 0.00	23.98 0.75 0.00	28.17 1.00 0.12	23.77 0.89 0.00	25.37 1.01 0.03	30.22 1.47 0.20	38.35 1.92 0.54	38.70 1.87 0.30	34.58 1.70 0.30	32.40 1.50 0.29	32.08 1.34 0.31	27.32 0.91 0.11	23.15 0.64 0.01

CORONA__69_KV_TB1 355595	30.54 1.80 0.00	25.75 1.49 0.00	20.22 1.22 0.00	21.54 1.38 0.00	32.65 1.40 -10.74	75.91 1.97 -48.10	56.68 1.95 -28.54	23.54 1.65 -0.05	34.88 1.50 -13.21	60.87 1.63 -38.13	55.78 1.56 -31.65	56.80 1.72 -31.15	55.31 1.57 -30.50	57.58 2.08 -28.22	57.54 2.19 -32.47	57.96 2.35 -31.22	55.46 2.92 -23.59	61.66 3.64 -21.04	71.26 3.70 -30.42	67.10 2.97 -30.94	58.10 2.90 -24.01	68.09 3.13 -33.91	67.02 2.27 -38.22	68.87 1.92 -44.44
CORTLAND__115KV_TB3 80093	29.27 0.53 0.00	24.63 0.37 0.00	19.21 0.21 0.00	20.42 0.25 0.00	20.83 0.32 0.00	26.22 0.52 0.15	25.92 0.56 0.83	22.15 0.50 0.19	20.65 0.48 0.00	21.59 0.49 0.00	23.09 0.52 0.00	24.51 0.57 0.00	23.82 0.59 0.00	27.99 0.82 0.11	23.63 0.75 0.00	25.18 0.82 0.02	29.93 1.17 0.19	38.00 1.54 0.52	38.33 1.48 0.29	34.21 1.31 0.29	32.09 1.18 0.28	31.80 1.04 0.29	27.10 0.68 0.11	23.00 0.49 0.01
COXSACKIE__GT 23611	30.29 1.56 0.00	25.60 1.35 0.00	20.24 1.24 0.00	21.46 1.29 0.00	21.84 1.33 0.00	27.42 1.58 0.00	27.68 1.49 0.00	22.90 1.06 0.00	20.98 0.81 0.00	21.63 0.52 0.00	23.05 0.48 0.00	24.36 0.42 0.00	23.72 0.49 0.00	28.02 0.74 0.00	23.71 0.83 0.00	25.36 0.98 0.00	30.29 1.35 0.00	39.02 2.04 0.00	39.81 2.67 0.00	35.85 2.66 0.00	33.82 2.63 0.00	33.57 2.52 0.00	28.32 1.79 0.00	23.98 1.46 0.00
CPV_VALLEY__CC1 323721	29.61 0.87 0.00	24.99 0.73 0.00	19.64 0.63 0.00	20.94 0.77 0.00	21.29 0.78 0.00	26.88 1.03 0.00	27.30 1.10 0.00	22.77 0.93 0.00	20.95 0.78 0.00	21.93 0.82 0.00	23.40 0.84 0.00	24.80 0.86 0.00	24.05 0.82 0.00	28.57 1.29 0.00	24.27 1.39 0.00	25.96 1.58 0.00	30.93 1.98 0.00	39.59 2.61 0.00	39.53 2.39 0.00	35.14 1.95 0.00	33.05 1.85 0.00	32.89 1.85 0.00	27.79 1.26 0.00	23.55 1.04 0.00
CPV_VALLEY__CC2 323722	29.61 0.87 0.00	24.99 0.73 0.00	19.64 0.63 0.00	20.94 0.77 0.00	21.29 0.78 0.00	26.88 1.03 0.00	27.30 1.10 0.00	22.77 0.93 0.00	20.95 0.78 0.00	21.93 0.82 0.00	23.40 0.84 0.00	24.80 0.86 0.00	24.05 0.82 0.00	28.57 1.29 0.00	24.27 1.39 0.00	25.96 1.58 0.00	30.93 1.98 0.00	39.59 2.61 0.00	39.53 2.39 0.00	35.14 1.95 0.00	33.05 1.85 0.00	32.89 1.85 0.00	27.79 1.26 0.00	23.55 1.04 0.00
CRESCENT__HYD 24018	29.52 0.78 0.00	25.00 0.74 0.00	19.74 0.74 0.00	21.01 0.84 0.00	21.37 0.86 0.00	26.83 0.99 0.00	27.12 0.93 0.00	22.50 0.66 0.00	20.67 0.50 0.00	21.50 0.40 0.00	22.98 0.41 0.00	24.32 0.38 0.00	23.61 0.38 0.00	27.95 0.67 0.00	23.63 0.76 0.00	25.18 0.80 0.00	29.92 0.97 0.00	38.33 1.35 0.00	38.68 1.55 0.00	34.64 1.46 0.00	32.65 1.46 0.00	32.48 1.43 0.00	27.45 0.93 0.00	23.32 0.80 0.00
CRICKET__VALLEY_CC1 323756	29.53 0.79 0.00	24.96 0.70 0.00	19.71 0.70 0.00	21.02 0.86 0.00	21.39 0.88 0.00	26.86 1.01 0.00	27.31 1.12 0.00	22.73 0.89 0.00	20.86 0.69 0.00	21.82 0.71 0.00	23.35 0.79 0.00	24.70 0.76 0.00	23.95 0.72 0.00	28.40 1.11 0.00	24.18 1.30 0.00	25.83 1.45 0.00	30.76 1.81 0.00	39.40 2.42 0.00	39.50 2.36 0.00	35.16 1.98 0.00	33.09 1.89 0.00	32.94 1.90 0.00	27.74 1.22 0.00	23.50 0.98 0.00
CRICKET__VALLEY_CC2 323757	29.53 0.79 0.00	24.96 0.70 0.00	19.71 0.70 0.00	21.02 0.86 0.00	21.39 0.88 0.00	26.86 1.01 0.00	27.31 1.12 0.00	22.73 0.89 0.00	20.86 0.69 0.00	21.82 0.71 0.00	23.35 0.79 0.00	24.70 0.76 0.00	23.95 0.72 0.00	28.40 1.11 0.00	24.18 1.30 0.00	25.83 1.45 0.00	30.76 1.81 0.00	39.40 2.42 0.00	39.50 2.36 0.00	35.16 1.98 0.00	33.09 1.89 0.00	32.94 1.90 0.00	27.74 1.22 0.00	23.50 0.98 0.00
CRICKET__VALLEY_CC3 323758	29.53 0.79 0.00	24.96 0.70 0.00	19.71 0.70 0.00	21.02 0.86 0.00	21.39 0.88 0.00	26.86 1.01 0.00	27.31 1.12 0.00	22.73 0.89 0.00	20.86 0.69 0.00	21.82 0.71 0.00	23.35 0.79 0.00	24.70 0.76 0.00	23.95 0.72 0.00	28.40 1.11 0.00	24.18 1.30 0.00	25.83 1.45 0.00	30.76 1.81 0.00	39.40 2.42 0.00	39.50 2.36 0.00	35.16 1.98 0.00	33.09 1.89 0.00	32.94 1.90 0.00	27.74 1.22 0.00	23.50 0.98 0.00
CRUCIBLE_METL_DRP 24180	28.80 0.06 0.00	24.24 -0.02 0.00	18.93 -0.07 0.00	20.10 -0.07 0.00	20.47 -0.04 0.00	25.88 0.03 0.00	26.24 0.05 0.00	21.91 0.07 0.00	20.27 0.09 0.00	21.25 0.14 0.00	22.75 0.18 0.00	24.17 0.23 0.00	23.47 0.24 0.00	27.65 0.36 0.00	23.24 0.37 0.00	24.79 0.41 0.00	29.52 0.58 0.00	37.67 0.69 0.00	37.74 0.61 0.00	33.73 0.54 0.00	31.65 0.46 0.00	31.36 0.31 0.00	26.65 0.13 0.00	22.59 0.07 0.00
DAHOWA__HYDRO 323763	29.76 1.03 0.00	25.23 0.97 0.00	19.89 0.89 0.00	21.18 1.01 0.00	21.56 1.05 0.00	27.14 1.30 0.00	27.46 1.27 0.00	22.79 0.95 0.00	20.90 0.72 0.00	21.73 0.63 0.00	23.19 0.62 0.00	24.60 0.66 0.00	23.90 0.67 0.00	28.31 1.03 0.00	23.95 1.07 0.00	25.58 1.20 0.00	30.35 1.40 0.00	38.99 2.01 0.00	39.41 2.28 0.00	35.28 2.09 0.00	33.33 2.13 0.00	33.08 2.04 0.00	28.01 1.48 0.00	23.71 1.20 0.00
DANC__LFGE 323619	28.62 -0.11 0.00	23.88 -0.38 0.00	18.59 -0.41 0.00	19.68 -0.49 0.00	20.03 -0.49 0.00	25.76 -0.25 -0.17	26.90 -0.19 -0.90	21.85 -0.19 -0.20	20.04 -0.13 0.00	21.11 0.00 0.00	22.60 0.04 0.00	23.99 0.06 0.00	23.27 0.04 0.00	27.36 -0.04 -0.12	22.94 0.06 0.00	24.45 0.04 -0.03	29.33 0.19 -0.20	37.57 0.05 -0.54	37.33 -0.11 -0.30	33.51 0.07 -0.26	30.35 0.41 1.25	32.48 0.26 -1.17	26.54 -0.09 -0.11	22.21 -0.32 -0.01
DANSKAMMER__1 23586	30.16 1.42 0.00	25.45 1.19 0.00	20.00 1.00 0.00	21.32 1.15 0.00	21.69 1.17 0.00	27.34 1.50 0.00	27.81 1.62 0.00	23.20 1.36 0.00	21.33 1.16 0.00	22.32 1.22 0.00	23.86 1.29 0.00	25.29 1.35 0.00	24.54 1.31 0.00	29.18 1.89 0.00	24.83 1.95 0.00	26.58 2.20 0.00	31.70 2.75 0.00	40.62 3.64 0.00	40.60 3.47 0.00	36.09 2.90 0.00	33.92 2.73 0.00	33.74 2.69 0.00	28.45 1.93 0.00	24.06 1.55 0.00
DANSKAMMER__2 23589	30.16 1.42 0.00	25.45 1.19 0.00	20.00 1.00 0.00	21.32 1.15 0.00	21.69 1.17 0.00	27.34 1.50 0.00	27.81 1.62 0.00	23.20 1.36 0.00	21.33 1.16 0.00	22.32 1.22 0.00	23.86 1.29 0.00	25.29 1.35 0.00	24.54 1.31 0.00	29.18 1.89 0.00	24.83 1.95 0.00	26.58 2.20 0.00	31.70 2.75 0.00	40.62 3.64 0.00	40.60 3.47 0.00	36.09 2.90 0.00	33.92 2.73 0.00	33.74 2.69 0.00	28.45 1.93 0.00	24.06 1.55 0.00
DANSKAMMER__3 23590	30.16 1.42 0.00	25.45 1.19 0.00	20.00 1.00 0.00	21.32 1.15 0.00	21.69 1.17 0.00	27.34 1.50 0.00	27.81 1.62 0.00	23.20 1.36 0.00	21.33 1.16 0.00	22.32 1.22 0.00	23.86 1.29 0.00	25.29 1.35 0.00	24.54 1.31 0.00	29.18 1.89 0.00	24.83 1.95 0.00	26.58 2.20 0.00	31.70 2.75 0.00	40.62 3.64 0.00	40.60 3.47 0.00	36.09 2.90 0.00	33.92 2.73 0.00	33.74 2.69 0.00	28.45 1.93 0.00	24.06 1.55 0.00

DANSKAMMER___4 23591	30.16 1.42 0.00	25.45 1.19 0.00	20.00 1.00 0.00	21.32 1.15 0.00	21.69 1.17 0.00	27.34 1.50 0.00	27.81 1.62 0.00	23.20 1.36 0.00	21.33 1.16 0.00	22.32 1.22 0.00	23.86 1.29 0.00	25.29 1.35 0.00	24.54 1.31 0.00	29.18 1.89 0.00	24.83 1.95 0.00	26.58 2.20 0.00	31.70 2.75 0.00	40.62 3.64 0.00	40.60 3.47 0.00	36.09 2.90 0.00	33.92 2.73 0.00	33.74 2.69 0.00	28.45 1.93 0.00	24.06 1.55 0.00
DANSKAMMER___DIESEL 23592	30.18 1.44 0.00	25.45 1.19 0.00	20.01 1.00 0.00	21.32 1.15 0.00	21.69 1.17 0.00	27.34 1.50 0.00	27.81 1.62 0.00	23.20 1.36 0.00	21.34 1.17 0.00	22.31 1.21 0.00	23.86 1.29 0.00	25.29 1.35 0.00	24.54 1.31 0.00	29.18 1.90 0.00	24.83 1.95 0.00	26.58 2.20 0.00	31.70 2.75 0.00	40.62 3.64 0.00	40.62 3.49 0.00	36.09 2.90 0.00	33.92 2.73 0.00	33.74 2.70 0.00	28.45 1.93 0.00	24.06 1.54 0.00
DARBY___SOLAR 323810	29.72 0.98 0.00	25.19 0.93 0.00	19.86 0.85 0.00	21.14 0.97 0.00	21.51 1.01 0.00	27.08 1.23 0.00	27.39 1.20 0.00	22.73 0.89 0.00	20.84 0.67 0.00	21.68 0.58 0.00	23.14 0.57 0.00	24.53 0.59 0.00	23.83 0.60 0.00	28.23 0.95 0.00	23.87 1.00 0.00	25.50 1.11 0.00	30.27 1.33 0.00	38.88 1.90 0.00	39.28 2.15 0.00	35.16 1.97 0.00	33.18 1.99 0.00	32.96 1.91 0.00	27.90 1.38 0.00	23.64 1.12 0.00
DASHVILLE___HYD 23610	29.88 1.15 0.00	25.21 0.95 0.00	19.80 0.80 0.00	21.13 0.96 0.00	21.48 0.97 0.00	27.09 1.25 0.00	27.55 1.35 0.00	23.01 1.17 0.00	21.16 0.99 0.00	22.15 1.04 0.00	23.66 1.09 0.00	25.09 1.15 0.00	24.33 1.10 0.00	28.90 1.62 0.00	24.61 1.73 0.00	26.34 1.96 0.00	31.42 2.47 0.00	40.29 3.31 0.00	40.19 3.06 0.00	35.73 2.55 0.00	33.58 2.38 0.00	33.47 2.42 0.00	28.21 1.69 0.00	23.85 1.33 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.08 1.34 0.00	25.39 1.13 0.00	19.91 0.91 0.00	21.21 1.04 0.00	20.69 1.09 0.92	23.41 1.67 4.11	25.62 1.86 2.44	23.77 1.93 0.00	20.66 1.61 1.13	19.71 1.86 3.26	21.42 1.56 2.70	22.92 1.64 2.66	22.11 1.49 2.60	26.83 1.96 2.41	22.17 2.06 2.77	23.87 2.24 2.76	29.54 2.73 2.14	38.35 3.18 1.81	37.77 3.36 2.73	32.78 2.40 2.81	31.65 2.63 2.18	30.95 2.99 3.08	25.15 2.10 3.47	20.86 1.73 3.39
DELAWARE___LFGE 323621	29.52 0.78 0.00	24.95 0.69 0.00	19.55 0.54 0.00	20.80 0.63 0.00	21.17 0.66 0.00	26.64 0.89 0.09	26.56 0.88 0.51	22.48 0.76 0.11	20.87 0.70 0.00	21.85 0.75 0.00	23.35 0.79 0.00	24.76 0.82 0.00	24.02 0.79 0.00	28.32 1.10 0.07	23.91 1.04 0.00	25.52 1.15 0.02	30.28 1.45 0.11	38.45 1.79 0.32	38.68 1.73 0.18	34.51 1.50 0.18	32.41 1.39 0.17	32.31 1.44 0.18	27.46 1.00 0.06	23.29 0.77 0.00
DERFIELD_115KV_TB7 355931	28.90 0.16 0.00	24.41 0.15 0.00	19.15 0.14 0.00	20.34 0.17 0.00	20.69 0.18 0.00	26.06 0.21 0.00	26.38 0.19 0.00	21.98 0.14 0.00	20.29 0.12 0.00	21.21 0.11 0.00	22.68 0.11 0.00	24.06 0.12 0.00	23.35 0.12 0.00	27.49 0.21 0.00	23.11 0.23 0.00	24.64 0.25 0.00	29.29 0.35 0.00	37.42 0.44 0.00	37.58 0.45 0.00	33.62 0.41 -0.02	32.27 0.41 -0.67	31.46 0.40 -0.01	26.74 0.22 0.00	22.70 0.17 0.00
DOGLEVILLE___HYD 23807	29.17 0.44 0.00	24.65 0.39 0.00	19.44 0.44 0.00	20.71 0.54 0.00	21.09 0.58 0.00	26.55 0.70 0.00	26.80 0.61 0.00	22.09 0.25 0.00	20.14 -0.04 0.00	20.86 -0.25 0.00	22.31 -0.26 0.00	23.67 -0.26 0.00	23.05 -0.18 0.00	27.36 0.07 0.00	23.20 0.32 0.00	24.77 0.38 0.00	29.54 0.59 0.00	37.83 0.85 0.00	38.51 1.38 0.00	34.65 1.44 -0.02	33.45 1.59 -0.67	32.63 1.57 -0.01	27.46 0.94 0.00	23.13 0.61 0.00
DUNKIRK___115KV_TB_200 55889	28.64 -0.10 0.00	24.06 -0.20 0.00	18.50 -0.51 0.00	19.64 -0.53 0.00	20.18 -0.34 0.00	25.24 -0.09 0.52	23.41 0.04 2.82	21.50 0.30 0.63	20.82 0.65 0.00	21.95 0.85 0.00	23.46 0.89 0.00	24.90 0.97 0.00	24.17 0.93 0.00	27.93 1.02 0.38	23.51 0.64 0.01	24.79 0.49 0.08	29.02 0.71 0.64	36.20 0.98 1.76	37.50 1.35 0.99	33.32 1.11 0.98	30.86 0.61 0.95	30.35 0.30 1.00	26.31 0.14 0.36	22.58 0.09 0.02
DUNKIRK___1 23563	28.64 -0.10 0.00	24.06 -0.20 0.00	18.50 -0.51 0.00	19.64 -0.53 0.00	20.18 -0.34 0.00	25.24 -0.09 0.52	23.41 0.04 2.82	21.50 0.30 0.63	20.82 0.65 0.00	21.95 0.85 0.00	23.46 0.89 0.00	24.90 0.97 0.00	24.17 0.93 0.00	27.93 1.02 0.38	23.51 0.64 0.01	24.79 0.49 0.08	29.02 0.71 0.64	36.20 0.98 1.76	37.50 1.35 0.99	33.32 1.11 0.98	30.86 0.61 0.95	30.35 0.30 1.00	26.31 0.14 0.36	22.58 0.09 0.02
DUNKIRK___2 23564	28.64 -0.10 0.00	24.06 -0.20 0.00	18.50 -0.51 0.00	19.64 -0.53 0.00	20.18 -0.34 0.00	25.24 -0.09 0.52	23.41 0.04 2.82	21.50 0.30 0.63	20.82 0.65 0.00	21.95 0.85 0.00	23.46 0.89 0.00	24.90 0.97 0.00	24.17 0.93 0.00	27.93 1.02 0.38	23.51 0.64 0.01	24.79 0.49 0.08	29.02 0.71 0.64	36.20 0.98 1.76	37.50 1.35 0.99	33.32 1.11 0.98	30.86 0.61 0.95	30.35 0.30 1.00	26.31 0.14 0.36	22.58 0.09 0.02
DUNKIRK___3 23565	28.68 -0.05 0.00	24.09 -0.17 0.00	18.55 -0.46 0.00	19.69 -0.48 0.00	20.19 -0.32 0.00	25.22 -0.10 0.52	23.36 0.00 2.83	21.44 0.24 0.63	20.75 0.57 0.00	21.86 0.75 0.00	23.38 0.81 0.00	24.83 0.89 0.00	24.08 0.85 0.00	27.85 0.94 0.38	23.44 0.58 0.01	24.73 0.42 0.08	28.92 0.62 0.64	35.98 0.77 1.76	37.32 1.17 0.99	33.17 0.96 0.98	30.75 0.51 0.95	30.27 0.22 1.00	26.30 0.14 0.36	22.59 0.09 0.02
DUNKIRK___4 23566	28.68 -0.05 0.00	24.09 -0.17 0.00	18.55 -0.46 0.00	19.69 -0.48 0.00	20.19 -0.32 0.00	25.22 -0.10 0.52	23.36 0.00 2.83	21.44 0.24 0.63	20.75 0.57 0.00	21.86 0.75 0.00	23.38 0.81 0.00	24.83 0.89 0.00	24.08 0.85 0.00	27.85 0.94 0.38	23.44 0.58 0.01	24.73 0.42 0.08	28.92 0.62 0.64	35.98 0.77 1.76	37.32 1.17 0.99	33.17 0.96 0.98	30.75 0.51 0.95	30.27 0.22 1.00	26.30 0.14 0.36	22.59 0.09 0.02
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.27 1.53 0.00	25.52 1.26 0.00	20.05 1.04 0.00	21.36 1.19 0.00	21.73 1.21 0.00	27.43 1.58 0.00	27.93 1.74 0.00	23.32 1.49 0.00	21.44 1.27 0.00	22.43 1.32 0.00	23.96 1.39 0.00	25.39 1.45 0.00	24.62 1.39 0.00	29.27 1.98 0.00	24.89 2.02 0.00	26.64 2.26 0.00	31.71 2.77 0.00	40.61 3.63 0.00	40.58 3.45 0.00	36.05 2.86 0.00	33.89 2.70 0.00	33.67 2.62 0.00	28.42 1.90 0.00	24.07 1.56 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.97 1.23 0.00	25.28 1.02 0.00	19.86 0.85 0.00	21.17 1.00 0.00	21.52 1.02 0.00	27.17 1.32 0.00	27.62 1.43 0.00	23.04 1.20 0.00	21.20 1.03 0.00	22.16 1.05 0.00	23.66 1.10 0.00	25.08 1.14 0.00	24.33 1.10 0.00	28.93 1.64 0.00	24.61 1.73 0.00	26.34 1.96 0.00	31.41 2.46 0.00	40.25 3.28 0.00	40.20 3.06 0.00	35.73 2.54 0.00	33.59 2.40 0.00	33.41 2.36 0.00	28.19 1.67 0.00	23.87 1.35 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.25 1.51 0.00	25.51 1.25 0.00	20.05 1.05 0.00	21.40 1.24 0.00	21.77 1.26 0.00	27.47 1.63 0.00	30.11 1.73 -2.19	184.56 1.47 -161.26	179.55 1.17 -158.20	52.05 1.22 -29.72	35.53 1.30 -11.66	29.82 1.34 -4.54	56.74 1.27 -32.23	55.07 1.86 -25.93	68.04 1.91 -43.25	91.62 2.14 -65.10	90.24 2.66 -58.62	40.63 3.66 0.00	40.52 3.38 0.00	36.04 2.85 0.00	33.91 2.72 0.00	33.77 2.72 0.00	28.54 2.02 0.00	24.15 1.63 0.00
E179THST_13_KV_LOAD 356214	30.39 1.64 0.00	25.62 1.37 0.00	20.13 1.13 0.00	21.49 1.32 0.00	21.85 1.35 0.00	27.58 1.73 0.00	30.24 1.86 -2.19	184.67 1.58 -161.26	179.66 1.28 -158.20	52.16 1.34 -29.72	35.66 1.42 -11.66	29.96 1.48 -4.54	56.88 1.41 -32.23	55.24 2.02 -25.93	68.18 2.05 -43.25	91.77 2.29 -65.10	90.41 2.84 -58.62	40.86 3.88 0.00	40.74 3.60 0.00	36.23 3.04 0.00	34.10 2.91 0.00	33.94 2.90 0.00	28.69 2.17 0.00	24.27 1.75 0.00
EAST HAMPTON___GT 23717	29.77 1.03 0.00	25.16 0.90 0.00	19.72 0.72 0.00	21.01 0.84 0.00	20.50 0.90 0.92	23.16 1.42 4.11	25.50 1.75 2.44	23.76 1.93 0.00	20.64 1.59 1.13	19.75 1.90 3.26	21.31 1.45 2.70	22.78 1.50 2.66	21.99 1.37 2.60	26.66 1.79 2.41	22.02 1.91 2.77	23.68 2.05 2.76	29.30 2.49 2.14	38.06 2.90 1.81	37.38 2.98 2.73	32.24 1.86 2.81	31.42 2.41 2.18	30.67 2.71 3.08	24.91 1.86 3.47	20.63 1.50 3.38
EAST RIVER___6 23660	30.40 1.67 0.00	25.63 1.38 0.00	20.15 1.15 0.00	21.48 1.32 0.00	21.85 1.34 0.00	27.60 1.76 0.00	30.39 1.92 -2.27	204.35 1.64 -180.87	185.88 1.40 -164.30	53.47 1.50 -30.86	49.15 1.59 -24.99	52.88 1.67 -27.27	58.28 1.58 -33.48	56.42 2.20 -26.93	70.02 2.23 -44.91	94.47 2.48 -67.61	92.85 3.02 -60.88	41.00 4.02 0.00	40.94 3.80 0.00	36.39 3.20 0.00	34.21 3.02 0.00	34.02 2.97 0.00	28.71 2.19 0.00	24.31 1.79 0.00
EAST RIVER___7 23524	30.40 1.67 0.00	25.63 1.38 0.00	20.15 1.15 0.00	21.48 1.32 0.00	21.85 1.34 0.00	27.60 1.76 0.00	30.39 1.92 -2.27	204.35 1.64 -180.87	185.88 1.40 -164.30	53.47 1.50 -30.86	49.15 1.59 -24.99	52.88 1.67 -27.27	58.28 1.58 -33.48	56.42 2.20 -26.93	70.02 2.23 -44.91	94.47 2.48 -67.61	92.85 3.02 -60.88	41.00 4.02 0.00	40.94 3.80 0.00	36.39 3.20 0.00	34.21 3.02 0.00	34.02 2.97 0.00	28.71 2.19 0.00	24.31 1.79 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.12 1.39 0.00	25.40 1.14 0.00	19.96 0.96 0.00	21.29 1.12 0.00	21.65 1.13 0.00	27.33 1.49 0.00	27.81 1.62 0.00	23.21 1.37 0.00	21.34 1.17 0.00	22.32 1.22 0.00	23.84 1.28 0.00	25.26 1.33 0.00	24.50 1.27 0.00	29.12 1.84 0.00	24.78 1.90 0.00	26.52 2.14 0.00	31.57 2.62 0.00	40.44 3.46 0.00	40.39 3.26 0.00	35.88 2.69 0.00	33.74 2.55 0.00	33.56 2.51 0.00	28.32 1.80 0.00	23.99 1.47 0.00
EAST_HAMPTON___DIESEL 23722	29.67 0.93 0.00	25.08 0.82 0.00	19.67 0.66 0.00	20.94 0.77 0.00	20.43 0.83 0.92	23.06 1.32 4.11	25.43 1.68 2.44	23.73 1.90 0.00	20.61 1.57 1.13	19.73 1.88 3.26	21.27 1.40 2.70	22.72 1.44 2.66	21.94 1.32 2.60	26.60 1.73 2.41	21.96 1.85 2.77	23.61 1.99 2.76	29.22 2.41 2.14	37.96 2.79 1.81	37.28 2.88 2.73	32.17 1.79 2.81	31.33 2.32 2.18	30.57 2.61 3.08	24.82 1.77 3.47	20.56 1.43 3.38
EAST_POINT___SOLAR 323840	30.91 2.17 0.00	26.01 1.75 0.00	20.18 1.18 0.00	21.41 1.25 0.00	21.74 1.23 0.00	27.60 1.75 0.00	27.98 1.79 0.00	23.23 1.39 0.00	21.35 1.18 0.00	22.42 1.31 0.00	23.90 1.33 0.00	25.43 1.49 0.00	24.69 1.46 0.00	29.08 1.80 0.00	24.32 1.45 0.00	26.05 1.67 0.00	30.94 1.99 0.00	39.58 2.61 0.00	39.98 2.84 0.00	35.90 2.71 0.00	33.81 2.62 0.00	33.62 2.57 0.00	28.68 2.16 0.00	24.26 1.74 0.00
EAST_PULASKI___ESR 323781	28.52 -0.22 0.00	23.93 -0.33 0.00	18.66 -0.34 0.00	19.80 -0.37 0.00	20.15 -0.36 0.00	25.93 -0.27 -0.36	27.89 -0.24 -1.94	22.06 -0.21 -0.43	20.00 -0.17 0.00	20.98 -0.13 0.00	22.45 -0.11 0.00	23.78 -0.16 0.00	23.06 -0.16 0.00	27.42 -0.12 -0.26	22.90 0.01 -0.01	24.41 -0.04 -0.06	29.38 0.00 -0.44	38.10 -0.08 -1.20	37.69 -0.12 -0.67	33.77 -0.06 -0.64	31.05 0.06 0.20	31.67 -0.04 -0.66	26.60 -0.17 -0.24	22.31 -0.23 -0.02
EAST_RIVER___1 323558	30.32 1.58 0.00	25.57 1.31 0.00	20.10 1.10 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.68 0.00	30.30 1.84 -2.27	204.26 1.55 -180.87	185.79 1.32 -164.30	53.36 1.39 -30.86	49.03 1.47 -24.99	52.75 1.54 -27.27	58.17 1.47 -33.48	56.28 2.06 -26.93	69.89 2.10 -44.91	94.33 2.34 -67.61	92.70 2.88 -60.88	40.79 3.81 0.00	40.75 3.61 0.00	36.22 3.04 0.00	34.06 2.87 0.00	33.89 2.84 0.00	28.61 2.09 0.00	24.22 1.71 0.00
EAST_RIVER___2 323559	30.40 1.67 0.00	25.63 1.38 0.00	20.15 1.15 0.00	21.48 1.32 0.00	21.85 1.34 0.00	27.60 1.76 0.00	30.39 1.92 -2.27	204.35 1.64 -180.87	185.88 1.40 -164.30	53.47 1.50 -30.86	49.15 1.59 -24.99	52.88 1.67 -27.27	58.28 1.58 -33.48	56.42 2.20 -26.93	70.02 2.23 -44.91	94.47 2.48 -67.61	92.85 3.02 -60.88	41.00 4.02 0.00	40.94 3.80 0.00	36.39 3.20 0.00	34.21 3.02 0.00	34.02 2.97 0.00	28.71 2.19 0.00	24.31 1.79 0.00
EAST___DELAWARE_HYD 23607	29.75 1.02 0.00	25.32 1.06 0.00	19.88 0.88 0.00	21.21 1.04 0.00	21.58 1.07 0.00	27.28 1.43 0.00	27.77 1.58 0.00	23.18 1.34 0.00	21.29 1.12 0.00	22.24 1.13 0.00	23.77 1.20 0.00	25.13 1.19 0.00	24.22 1.00 0.00	28.03 0.75 0.00	23.88 1.00 0.00	25.56 1.18 0.00	30.62 1.67 0.00	39.56 2.58 0.00	39.32 2.18 0.00	34.94 1.76 0.00	32.98 1.79 0.00	33.76 2.72 0.00	28.44 1.92 0.00	24.03 1.51 0.00
EIGHT_POINT___WT_PWR 323820	28.44 -0.48 -0.18	23.46 -0.80 0.00	18.17 -0.83 0.00	19.39 -0.78 0.00	19.79 -0.72 0.00	24.84 -0.63 0.38	24.12 -0.25 1.82	21.41 0.04 0.47	20.72 0.48 -0.07	21.80 0.64 -0.05	23.19 0.51 -0.12	24.23 0.29 0.00	23.18 -0.05 0.00	27.00 0.00 0.28	22.49 -0.38 0.01	23.73 -0.59 0.06	29.14 0.67 0.47	36.53 0.85 1.31	37.11 0.71 0.73	32.67 0.21 0.73	30.47 -0.02 0.71	29.77 -0.53 0.74	25.66 -0.60 0.27	21.72 -0.78 0.02
ELBRIDGE_115KV_TB2 80188	28.66 -0.08 0.00	24.14 -0.12 0.00	18.84 -0.16 0.00	19.99 -0.18 0.00	20.37 -0.14 0.00	25.77 -0.07 0.00	26.10 -0.09 0.00	21.79 -0.05 0.00	20.16 -0.01 0.00	21.12 0.02 0.00	22.63 0.06 0.00	24.03 0.10 0.00	23.34 0.11 0.00	27.50 0.21 0.00	23.11 0.23 0.00	24.64 0.26 0.00	29.35 0.40 0.00	37.45 0.47 0.00	37.53 0.39 0.00	33.57 0.39 0.00	31.50 0.31 0.00	31.21 0.16 0.00	26.51 -0.01 0.00	22.47 -0.05 0.00
ELEC_TRO_TEK 24086	30.35 1.61 0.00	25.59 1.34 0.00	20.10 1.10 0.00	21.42 1.25 0.00	25.99 1.28 -4.21	46.50 1.83 -18.82	39.15 1.79 -11.17	23.38 1.53 -0.02	26.73 1.39 -5.17	37.54 1.51 -14.93	36.43 1.47 -12.39	37.75 1.62 -12.19	36.64 1.47 -11.94	40.28 1.95 -11.04	37.66 2.08 -12.71	38.74 2.22 -12.13	40.80 2.75 -9.11	48.20 3.36 -7.86	52.23 3.43 -11.66	47.88 2.74 -11.95	43.15 2.68 -9.28	47.10 2.94 -13.11	43.41 2.11 -14.77	41.87 1.80 -17.54

ELLENBURG_WT_PWR 323604	29.54 0.81 0.00	24.89 0.63 0.00	18.96 -0.05 0.00	19.78 -0.39 0.00	19.96 -0.55 0.00	25.05 -0.80 0.00	26.24 0.05 0.00	22.19 0.36 0.00	20.57 0.40 0.00	21.66 0.55 0.00	23.23 0.66 0.00	24.74 0.80 0.00	23.99 0.76 0.00	27.68 0.40 0.00	23.01 0.13 0.00	24.58 0.19 0.00	28.68 -0.27 0.00	36.71 -0.27 0.00	37.11 -0.03 0.00	32.40 -0.41 0.37	12.44 -1.16 17.59	-9.97 -2.39 38.63	26.31 -0.21 0.00	21.88 -0.64 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.56 -0.18 0.00	24.03 -0.23 0.00	18.53 -0.48 0.00	19.63 -0.54 0.00	20.06 -0.45 0.00	24.96 -0.35 0.54	22.98 -0.27 2.94	21.11 -0.07 0.66	20.41 0.24 0.00	21.51 0.41 0.00	23.07 0.50 0.00	24.54 0.61 0.00	23.79 0.56 0.00	27.50 0.61 0.39	23.15 0.28 0.01	24.36 0.07 0.09	28.43 0.15 0.67	35.25 0.11 1.83	36.79 0.69 1.03	32.76 0.60 1.02	30.39 0.18 0.99	29.95 -0.05 1.04	26.13 -0.02 0.37	22.49 0.00 0.02
EMPIRE_CC_1 323656	29.14 0.40 0.00	24.76 0.50 0.00	19.59 0.58 0.00	20.84 0.68 0.00	21.19 0.68 0.00	26.57 0.72 0.00	26.76 0.57 0.00	22.19 0.35 0.00	20.46 0.28 0.00	21.23 0.12 0.00	22.68 0.11 0.00	23.99 0.05 0.00	23.29 0.06 0.00	27.54 0.26 0.00	23.33 0.46 0.00	24.85 0.46 0.00	29.50 0.55 0.00	37.71 0.74 0.00	38.02 0.89 0.00	34.05 0.87 0.00	32.11 0.92 0.00	31.97 0.92 0.00	27.04 0.52 0.00	23.01 0.50 0.00
EMPIRE_CC_2 323658	29.14 0.40 0.00	24.76 0.50 0.00	19.59 0.58 0.00	20.84 0.68 0.00	21.19 0.68 0.00	26.57 0.72 0.00	26.76 0.57 0.00	22.19 0.35 0.00	20.46 0.28 0.00	21.23 0.12 0.00	22.68 0.11 0.00	23.99 0.05 0.00	23.29 0.06 0.00	27.54 0.26 0.00	23.33 0.46 0.00	24.85 0.46 0.00	29.50 0.55 0.00	37.71 0.74 0.00	38.02 0.89 0.00	34.05 0.87 0.00	32.11 0.92 0.00	31.97 0.92 0.00	27.04 0.52 0.00	23.01 0.50 0.00
ENORWICH_115KV_TB1 80156	30.14 1.41 0.00	25.53 1.27 0.00	19.82 0.81 0.00	21.12 0.95 0.00	21.63 1.12 0.00	27.35 1.64 0.13	27.28 1.81 0.72	23.22 1.55 0.16	21.55 1.38 0.00	22.52 1.41 0.00	24.03 1.46 0.00	25.42 1.49 0.00	24.79 1.56 0.00	29.08 1.89 0.10	24.45 1.58 0.00	26.10 1.74 0.02	31.21 2.43 0.16	39.78 3.26 0.45	40.49 3.61 0.25	36.18 3.24 0.25	33.78 2.83 0.24	33.73 2.94 0.26	28.44 2.01 0.09	23.79 1.28 0.01
ERIE_ST__34_KV_TB1-2 80199	29.16 0.42 0.00	24.51 0.25 0.00	18.91 -0.09 0.00	20.05 -0.11 0.00	20.47 -0.04 0.00	25.49 0.17 0.52	23.62 0.29 2.86	21.62 0.42 0.64	20.94 0.76 0.00	22.06 0.95 0.00	23.66 1.09 0.00	25.17 1.23 0.00	24.41 1.18 0.00	28.26 1.36 0.38	23.81 0.94 0.01	25.03 0.73 0.08	29.14 0.85 0.65	36.18 0.99 1.78	37.74 1.60 1.00	33.54 1.34 0.99	31.13 0.90 0.96	30.70 0.67 1.01	26.76 0.60 0.36	23.02 0.52 0.02
ERIE_WT_PWR 323693	28.27 0.10 0.57	24.17 -0.09 0.00	18.63 -0.38 0.00	19.74 -0.43 0.00	20.17 -0.34 0.00	25.13 -0.19 0.53	22.37 -0.09 3.74	21.31 0.11 0.64	20.38 0.42 0.22	21.53 0.59 0.17	22.88 0.68 0.37	24.73 0.79 0.00	23.97 0.73 0.00	27.73 0.83 0.38	23.33 0.46 0.01	24.57 0.27 0.08	28.71 0.41 0.66	35.58 0.40 1.80	37.10 0.97 1.01	33.06 0.87 1.00	30.68 0.46 0.97	30.21 0.19 1.02	26.31 0.16 0.37	22.62 0.12 0.02
ESPRGFLD_115KV_TB1 80157	30.40 1.66 0.00	25.60 1.35 0.00	19.88 0.88 0.00	21.08 0.91 0.00	21.45 0.94 0.00	27.22 1.37 0.00	27.66 1.47 0.00	23.12 1.28 0.00	21.39 1.21 0.00	22.49 1.39 0.00	24.03 1.46 0.00	25.54 1.61 0.00	24.77 1.54 0.00	29.15 1.87 0.00	24.39 1.51 0.00	26.06 1.68 0.00	30.99 2.04 0.00	39.57 2.59 0.00	39.68 2.55 0.00	35.49 2.30 0.00	33.34 2.15 0.00	33.20 2.15 0.00	28.23 1.71 0.00	23.86 1.34 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.46 0.72 0.00	24.79 0.53 0.00	19.31 0.31 0.00	20.52 0.34 0.00	20.93 0.42 0.00	26.37 0.67 0.15	26.11 0.73 0.81	22.30 0.65 0.18	20.76 0.59 0.00	21.70 0.60 0.00	23.20 0.63 0.00	24.64 0.70 0.00	23.94 0.71 0.00	28.13 0.95 0.11	23.73 0.86 0.00	25.33 0.97 0.02	30.17 1.41 0.18	38.32 1.85 0.51	38.65 1.80 0.28	34.55 1.64 0.28	32.38 1.46 0.27	32.05 1.29 0.29	27.30 0.88 0.10	23.13 0.62 0.01
ETNA____115KV_TB2 80207	29.46 0.72 0.00	24.79 0.53 0.00	19.31 0.31 0.00	20.52 0.34 0.00	20.93 0.42 0.00	26.37 0.67 0.15	26.11 0.73 0.81	22.30 0.65 0.18	20.76 0.59 0.00	21.70 0.60 0.00	23.20 0.63 0.00	24.64 0.70 0.00	23.94 0.71 0.00	28.13 0.95 0.11	23.73 0.86 0.00	25.33 0.97 0.02	30.17 1.41 0.18	38.32 1.85 0.51	38.65 1.80 0.28	34.55 1.64 0.28	32.38 1.46 0.27	32.05 1.29 0.29	27.30 0.88 0.10	23.13 0.62 0.01
EUCLID__115KV_TB2 356179	28.47 -0.27 0.00	23.98 -0.28 0.00	18.73 -0.27 0.00	19.89 -0.28 0.00	20.25 -0.25 0.00	25.22 -0.27 0.36	23.99 -0.26 1.94	21.21 -0.19 0.43	20.03 -0.13 0.00	21.00 -0.11 0.00	22.49 -0.08 0.00	23.88 -0.06 0.00	23.18 -0.05 0.00	27.02 0.00 0.26	22.92 0.05 0.01	24.40 0.07 0.06	28.66 0.15 0.44	35.93 0.16 1.21	36.58 0.12 0.68	32.60 0.08 0.67	30.57 0.02 0.65	30.30 -0.07 0.69	26.11 -0.16 0.25	22.34 -0.16 0.02
E_CANADA_CAP_HY 24051	30.86 2.12 0.00	25.97 1.71 0.00	20.14 1.14 0.00	21.35 1.19 0.00	21.69 1.18 0.00	27.53 1.68 0.00	27.93 1.74 0.00	23.23 1.39 0.00	21.39 1.22 0.00	22.47 1.37 0.00	23.97 1.40 0.00	25.50 1.56 0.00	24.74 1.51 0.00	29.11 1.83 0.00	24.32 1.44 0.00	26.00 1.62 0.00	30.86 1.92 0.00	39.48 2.50 0.00	39.80 2.67 0.00	35.71 2.52 0.00	33.63 2.45 0.00	33.45 2.40 0.00	28.58 2.05 0.00	24.18 1.66 0.00
E_CANADA_MHWK_HY 24050	29.17 0.44 0.00	24.65 0.39 0.00	19.44 0.44 0.00	20.71 0.54 0.00	21.09 0.58 0.00	26.55 0.70 0.00	26.80 0.61 0.00	22.09 0.25 0.00	20.14 -0.04 0.00	20.86 -0.25 0.00	22.31 -0.26 0.00	23.67 -0.26 0.00	23.05 -0.18 0.00	27.36 0.07 0.00	23.20 0.32 0.00	24.77 0.38 0.00	29.54 0.59 0.00	37.83 0.85 0.00	38.51 1.38 0.00	34.65 1.44 -0.02	33.45 1.59 -0.67	32.63 1.57 -0.01	27.46 0.94 0.00	23.13 0.61 0.00
E_FISHKILL__LBMP 23776	29.83 1.09 0.00	25.17 0.91 0.00	19.82 0.81 0.00	21.13 0.96 0.00	21.48 0.98 0.00	27.08 1.23 0.00	27.52 1.33 0.00	22.94 1.10 0.00	21.09 0.92 0.00	22.05 0.95 0.00	23.57 1.00 0.00	24.96 1.02 0.00	24.21 0.97 0.00	28.73 1.45 0.00	24.44 1.56 0.00	26.13 1.75 0.00	31.12 2.17 0.00	39.83 2.86 0.00	39.85 2.72 0.00	35.45 2.26 0.00	33.35 2.15 0.00	33.25 2.20 0.00	28.06 1.54 0.00	23.77 1.25 0.00
FALCON___SEABRD_CC1 323796	29.62 0.89 0.00	24.97 0.71 0.00	19.11 0.11 0.00	19.97 -0.20 0.00	20.19 -0.32 0.00	25.33 -0.52 0.00	26.36 0.17 0.00	22.28 0.45 0.00	20.64 0.47 0.00	21.71 0.61 0.00	23.26 0.70 0.00	24.75 0.81 0.00	24.00 0.77 0.00	27.75 0.46 0.00	23.03 0.15 0.00	24.54 0.15 0.00	28.57 -0.37 0.00	36.59 -0.39 0.00	37.00 -0.14 0.00	32.35 -0.46 0.37	12.52 -1.09 17.59	-9.61 -2.02 38.64	26.45 -0.08 0.00	22.13 -0.39 0.00

FALCON___SEABRD_CC2 323797	29.62 0.89 0.00	24.97 0.71 0.00	19.11 0.11 0.00	19.97 -0.20 0.00	20.19 -0.32 0.00	25.33 -0.52 0.00	26.36 0.17 0.00	22.28 0.45 0.00	20.64 0.47 0.00	21.71 0.61 0.00	23.26 0.70 0.00	24.75 0.81 0.00	24.00 0.77 0.00	27.75 0.46 0.00	23.03 0.15 0.00	24.54 0.15 0.00	28.57 -0.37 0.00	36.59 -0.39 0.00	37.00 -0.14 0.00	32.35 -0.46 0.37	12.52 -1.09 17.59	-9.61 -2.02 38.64	26.45 -0.08 0.00	22.13 -0.39 0.00
FAR ROCKAWAY___4 23548	30.74 2.00 0.00	25.90 1.64 0.00	20.33 1.33 0.00	21.66 1.50 0.00	33.52 1.52 -11.48	79.42 2.16 -51.40	58.83 2.14 -30.50	23.70 1.81 -0.06	35.95 1.66 -14.12	63.65 1.79 -40.76	57.98 1.59 -33.82	58.98 1.75 -33.29	57.43 1.60 -32.60	59.55 2.10 -30.16	59.80 2.22 -34.70	60.16 2.39 -33.39	57.16 2.97 -25.24	63.21 3.69 -22.53	73.48 3.78 -32.56	69.32 3.02 -33.11	59.84 2.95 -25.70	70.52 3.19 -36.29	69.73 2.31 -40.90	71.96 1.93 -47.51
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.31 1.57 0.00	25.54 1.28 0.00	20.08 1.08 0.00	21.42 1.25 0.00	21.78 1.27 0.00	27.50 1.66 0.00	30.26 1.81 -2.26	203.09 1.53 -179.73	184.73 1.30 -163.25	53.16 1.38 -30.67	48.85 1.46 -24.83	52.56 1.53 -27.10	57.95 1.46 -33.26	56.11 2.06 -26.76	69.59 2.08 -44.63	93.89 2.33 -67.18	92.30 2.86 -60.49	40.78 3.80 0.00	40.74 3.61 0.00	36.22 3.04 0.00	34.07 2.88 0.00	33.89 2.84 0.00	28.61 2.09 0.00	24.23 1.71 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.36 1.62 0.00	25.58 1.33 0.00	20.11 1.11 0.00	21.44 1.28 0.00	21.80 1.30 0.00	27.55 1.70 0.00	30.30 1.86 -2.26	203.13 1.57 -179.73	184.75 1.32 -163.25	53.16 1.39 -30.67	48.86 1.46 -24.83	52.57 1.53 -27.10	57.96 1.46 -33.26	56.11 2.06 -26.76	69.60 2.09 -44.63	93.90 2.33 -67.18	92.32 2.88 -60.49	40.79 3.81 0.00	40.75 3.62 0.00	36.24 3.05 0.00	34.09 2.90 0.00	33.91 2.86 0.00	28.63 2.11 0.00	24.24 1.72 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.33 1.59 0.00	25.56 1.30 0.00	20.10 1.09 0.00	21.43 1.26 0.00	21.79 1.28 0.00	27.52 1.68 0.00	30.28 1.83 -2.26	203.11 1.55 -179.73	184.74 1.31 -163.25	53.15 1.37 -30.67	48.85 1.45 -24.83	52.55 1.52 -27.10	57.94 1.44 -33.26	56.08 2.04 -26.76	69.59 2.08 -44.63	93.88 2.31 -67.18	92.29 2.85 -60.49	40.76 3.78 0.00	40.72 3.58 0.00	36.20 3.01 0.00	34.06 2.87 0.00	33.87 2.82 0.00	28.60 2.08 0.00	24.21 1.70 0.00
FARRAGUT___LBMP 323566	30.31 1.57 0.00	25.54 1.28 0.00	20.08 1.08 0.00	21.42 1.25 0.00	21.78 1.27 0.00	27.50 1.66 0.00	30.26 1.81 -2.26	203.09 1.53 -179.73	184.71 1.29 -163.25	53.12 1.34 -30.67	48.82 1.42 -24.83	52.52 1.49 -27.10	57.91 1.42 -33.26	56.05 2.01 -26.76	69.55 2.05 -44.63	93.85 2.28 -67.18	92.24 2.80 -60.49	40.72 3.74 0.00	40.68 3.54 0.00	36.17 2.98 0.00	34.03 2.83 0.00	33.84 2.79 0.00	28.58 2.06 0.00	24.20 1.68 0.00
FENNER___WINDPWR 24204	29.39 0.65 0.00	24.72 0.46 0.00	19.30 0.29 0.00	20.48 0.31 0.00	20.86 0.35 0.00	26.25 0.56 0.15	26.00 0.62 0.81	22.17 0.51 0.18	20.65 0.48 0.00	21.64 0.53 0.00	23.16 0.59 0.00	24.59 0.65 0.00	23.94 0.70 0.00	28.06 0.89 0.11	23.66 0.79 0.00	25.19 0.83 0.02	29.92 1.15 0.18	38.01 1.53 0.50	38.41 1.56 0.28	34.26 1.35 0.28	32.21 1.29 0.27	31.92 1.16 0.28	27.13 0.72 0.10	23.02 0.51 0.01
FIBERTEK___ENERGY 23856	28.80 0.06 0.00	24.24 -0.02 0.00	18.93 -0.07 0.00	20.10 -0.07 0.00	20.47 -0.04 0.00	25.88 0.03 0.00	26.24 0.05 0.00	21.91 0.07 0.00	20.27 0.09 0.00	21.25 0.14 0.00	22.75 0.18 0.00	24.17 0.23 0.00	23.47 0.24 0.00	27.65 0.36 0.00	23.24 0.37 0.00	24.79 0.41 0.00	29.52 0.58 0.00	37.67 0.69 0.00	37.74 0.61 0.00	33.73 0.54 0.00	31.65 0.46 0.00	31.36 0.31 0.00	26.65 0.13 0.00	22.59 0.07 0.00
FITZPATRICK____ 23598	28.01 -0.73 0.00	23.60 -0.65 0.00	18.44 -0.56 0.00	19.58 -0.59 0.00	19.93 -0.58 0.00	20.71 -0.70 4.44	1.27 -0.71 24.21	15.87 -0.57 5.40	19.68 -0.50 0.00	20.62 -0.49 0.00	22.07 -0.50 0.00	23.42 -0.52 0.00	22.73 -0.50 0.00	23.52 -0.53 3.23	22.40 -0.40 0.07	23.24 -0.44 0.70	22.99 -0.49 5.47	21.28 -0.65 15.04	28.06 -0.65 8.42	24.23 -0.59 8.37	22.48 -0.59 8.12	21.84 -0.66 8.55	22.80 -0.65 3.08	21.76 -0.57 0.20
FLOWRFLD_69_KV_BK1 356044	30.51 1.77 0.00	25.74 1.48 0.00	20.20 1.19 0.00	21.51 1.35 0.00	21.03 1.39 0.87	23.99 2.06 3.91	25.90 2.03 2.32	23.65 1.81 0.00	20.65 1.56 1.07	19.74 1.74 3.10	21.64 1.65 2.57	23.22 1.81 2.53	22.41 1.66 2.48	27.17 2.18 2.30	22.53 2.30 2.64	24.25 2.50 2.63	29.83 2.93 2.05	38.57 3.33 1.74	38.03 3.50 2.61	33.26 2.75 2.68	31.83 2.72 2.08	31.32 3.22 2.95	25.53 2.33 3.32	21.30 1.98 3.21
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.24 1.50 0.00	25.50 1.24 0.00	20.05 1.05 0.00	21.37 1.20 0.00	21.73 1.21 0.00	27.41 1.56 0.00	27.87 1.68 0.00	23.26 1.41 0.00	21.39 1.22 0.00	22.37 1.26 0.00	23.90 1.34 0.00	25.35 1.41 0.00	24.60 1.37 0.00	29.25 1.97 0.00	24.89 2.01 0.00	26.65 2.27 0.00	31.79 2.84 0.00	40.73 3.75 0.00	40.73 3.59 0.00	36.19 3.00 0.00	34.01 2.82 0.00	33.83 2.78 0.00	28.51 1.99 0.00	24.12 1.60 0.00
FORT ORANGE____ 23900	29.36 0.62 0.00	24.86 0.60 0.00	19.66 0.66 0.00	20.87 0.71 0.00	21.23 0.72 0.00	26.65 0.80 0.00	26.88 0.69 0.00	22.27 0.44 0.00	20.50 0.33 0.00	21.28 0.18 0.00	22.76 0.19 0.00	24.07 0.14 0.00	23.39 0.16 0.00	27.60 0.32 0.00	23.38 0.50 0.00	24.95 0.56 0.00	29.67 0.72 0.00	37.99 1.01 0.00	38.31 1.18 0.00	34.34 1.16 0.00	32.36 1.17 0.00	32.21 1.16 0.00	27.24 0.73 0.00	23.16 0.65 0.00
FORT_DRUM_COGEN 23780	29.04 0.31 0.00	24.14 -0.12 0.00	18.76 -0.24 0.00	19.83 -0.34 0.00	20.16 -0.36 0.00	25.98 0.03 -0.10	26.91 0.16 -0.56	22.05 0.08 -0.12	20.27 0.10 0.00	21.38 0.27 0.00	22.89 0.32 0.00	24.33 0.39 0.00	23.59 0.36 0.00	27.60 0.24 -0.07	23.18 0.30 0.00	24.69 0.29 -0.02	29.67 0.60 -0.12	37.75 0.45 -0.32	37.72 0.40 -0.18	33.87 0.58 -0.10	29.88 1.10 2.42	33.55 0.92 -1.58	26.91 0.33 -0.06	22.42 -0.10 0.00
FOX_HILLS___ESR 323835	34.00 1.65 -3.61	25.61 1.35 0.00	20.12 1.11 0.00	21.45 1.29 0.00	21.81 1.30 0.00	27.55 1.71 0.00	30.23 1.86 -2.19	197.42 1.42 -174.16	179.51 1.14 -158.20	52.02 1.20 -29.72	47.97 1.34 -24.06	51.61 1.41 -26.26	56.82 1.35 -32.23	55.15 1.93 -25.93	68.10 1.98 -43.25	91.71 2.22 -65.10	90.30 2.73 -58.62	40.76 3.78 0.00	40.71 3.58 0.00	36.26 3.08 0.00	34.14 2.95 0.00	34.00 2.96 0.00	28.66 2.13 0.00	24.24 1.72 0.00
FPL FAR_ROCK_GT1 24212	30.72 1.98 0.00	25.90 1.64 0.00	20.33 1.33 0.00	21.66 1.50 0.00	33.51 1.52 -11.48	79.40 2.16 -51.40	58.82 2.12 -30.50	23.68 1.79 -0.06	35.93 1.64 -14.12	63.67 1.80 -40.76	57.96 1.56 -33.82	58.97 1.74 -33.29	57.40 1.57 -32.60	59.53 2.09 -30.16	59.79 2.21 -34.70	60.15 2.38 -33.39	57.13 2.94 -25.25	63.18 3.66 -22.54	73.40 3.71 -32.56	69.27 2.96 -33.11	59.80 2.91 -25.70	70.51 3.17 -36.29	69.72 2.30 -40.90	71.96 1.93 -47.51



FPL FAR_ROCK_GT2 23815	30.72 1.98 0.00	25.90 1.64 0.00	20.33 1.33 0.00	21.66 1.50 0.00	33.51 1.52 -11.48	79.40 2.16 -51.40	58.82 2.12 -30.50	23.68 1.79 -0.06	35.93 1.64 -14.12	63.67 1.80 -40.76	57.96 1.56 -33.82	58.97 1.74 -33.29	57.40 1.57 -32.60	59.53 2.09 -30.16	59.79 2.21 -34.70	60.15 2.38 -33.39	57.13 2.94 -25.25	63.18 3.66 -22.54	73.40 3.71 -32.56	69.27 2.96 -33.11	59.80 2.91 -25.70	70.51 3.17 -36.29	69.72 2.30 -40.90	71.96 1.93 -47.51
FRANKLIN_FALL_HYD 24054	29.29 0.56 0.00	24.67 0.41 0.00	19.02 0.01 0.00	19.93 -0.23 0.00	20.19 -0.32 0.00	25.47 -0.37 0.00	26.29 0.10 0.00	22.12 0.28 0.00	20.45 0.28 0.00	21.49 0.39 0.00	22.97 0.40 0.00	24.42 0.48 0.00	23.69 0.46 0.00	27.47 0.18 0.00	22.83 -0.05 0.00	24.35 -0.04 0.00	28.56 -0.39 0.00	36.44 -0.54 0.00	36.75 -0.38 0.00	32.38 -0.46 0.35	20.10 -0.71 10.37	53.41 -1.04 -23.40	26.48 -0.04 0.00	22.21 -0.31 0.00
FREEPORT_EQUS_GT1 23764	30.47 1.73 0.00	25.71 1.45 0.00	20.18 1.17 0.00	21.49 1.33 0.00	25.41 1.36 -3.54	43.63 1.94 -15.84	37.48 1.89 -9.40	23.48 1.62 -0.02	25.98 1.45 -4.35	35.30 1.63 -12.56	34.54 1.54 -10.43	35.91 1.71 -10.26	34.74 1.46 -10.05	38.55 1.96 -9.30	35.69 2.11 -10.70	36.85 2.25 -10.22	39.28 2.65 -7.68	46.37 3.29 -6.11	50.16 3.36 -9.66	45.91 2.65 -10.07	41.65 2.64 -7.82	45.29 3.17 -11.08	41.30 2.30 -12.48	39.38 1.95 -14.90
FREEPORT___CT2 23818	30.47 1.73 0.00	25.71 1.45 0.00	20.18 1.17 0.00	21.49 1.33 0.00	25.41 1.36 -3.54	43.63 1.94 -15.84	37.48 1.89 -9.40	23.48 1.62 -0.02	25.98 1.45 -4.35	35.30 1.63 -12.56	34.54 1.54 -10.43	35.91 1.71 -10.26	34.74 1.46 -10.05	38.55 1.96 -9.30	35.69 2.11 -10.70	36.85 2.25 -10.22	39.28 2.65 -7.68	46.37 3.29 -6.11	50.16 3.36 -9.66	45.91 2.65 -10.07	41.65 2.64 -7.82	45.29 3.17 -11.08	41.30 2.30 -12.48	39.38 1.95 -14.90
FRESHKLS_33_KV_LOAD 356253	33.96 1.61 -3.61	25.57 1.31 0.00	20.10 1.10 0.00	21.45 1.28 0.00	21.81 1.30 0.00	27.55 1.70 0.00	30.22 1.84 -2.19	197.35 1.35 -174.16	179.42 1.05 -158.20	51.95 1.13 -29.72	47.96 1.32 -24.06	51.58 1.38 -26.26	56.80 1.33 -32.23	55.13 1.92 -25.93	68.09 1.96 -43.25	91.70 2.22 -65.10	90.33 2.75 -58.62	40.83 3.85 0.00	40.79 3.65 0.00	36.36 3.17 0.00	34.24 3.05 0.00	34.04 2.99 0.00	28.66 2.14 0.00	24.24 1.72 0.00
FULTON COGEN____ 23766	28.35 -0.39 0.00	23.87 -0.38 0.00	18.65 -0.36 0.00	19.81 -0.36 0.00	20.17 -0.34 0.00	25.89 -0.37 -0.42	28.11 -0.36 -2.28	22.07 -0.27 -0.51	19.95 -0.21 0.00	20.91 -0.20 0.00	22.38 -0.19 0.00	23.70 -0.24 0.00	22.99 -0.24 0.00	27.45 -0.14 -0.31	22.82 -0.06 -0.01	24.37 -0.09 -0.07	29.41 -0.05 -0.52	38.38 -0.02 -1.42	37.89 -0.04 -0.79	33.94 -0.04 -0.79	31.87 -0.08 -0.77	31.67 -0.18 -0.81	26.54 -0.27 -0.29	22.29 -0.25 -0.02
FULTON___LFGE 323630	32.87 4.13 0.00	27.52 3.26 0.00	21.31 2.30 0.00	22.48 2.31 0.00	22.88 2.37 0.00	29.09 3.25 0.00	29.56 3.37 0.00	24.14 2.30 0.00	21.55 1.38 0.00	22.26 1.15 0.00	23.63 1.06 0.00	25.03 1.09 0.00	24.46 1.23 0.00	28.77 1.48 0.00	24.30 1.43 0.00	26.46 2.08 0.00	31.36 2.41 0.00	40.57 3.59 0.00	43.03 5.90 0.00	38.88 5.69 0.00	36.65 5.45 0.00	36.27 5.22 0.00	30.69 4.17 0.00	25.87 3.34 0.00
G.F.CEMENT___DRP 24184	29.78 1.05 0.00	25.28 1.02 0.00	19.93 0.92 0.00	21.21 1.04 0.00	21.61 1.10 0.00	27.22 1.37 0.00	27.56 1.37 0.00	22.89 1.06 0.00	21.01 0.84 0.00	21.87 0.76 0.00	23.33 0.76 0.00	24.77 0.83 0.00	24.08 0.85 0.00	28.55 1.27 0.00	24.15 1.27 0.00	25.84 1.45 0.00	30.61 1.66 0.00	39.31 2.33 0.00	39.70 2.57 0.00	35.44 2.26 0.00	33.53 2.34 0.00	33.26 2.22 0.00	28.21 1.69 0.00	23.85 1.34 0.00
GARDENVILLE___LBMP 24039	28.66 -0.08 0.00	24.09 -0.17 0.00	18.57 -0.44 0.00	19.68 -0.49 0.00	20.11 -0.40 0.00	25.05 -0.26 0.53	23.12 -0.17 2.89	21.21 0.02 0.64	20.51 0.34 0.00	21.61 0.51 0.00	23.17 0.60 0.00	24.63 0.70 0.00	23.87 0.64 0.00	27.62 0.72 0.39	23.23 0.37 0.01	24.46 0.16 0.08	28.56 0.27 0.66	35.44 0.26 1.80	36.95 0.83 1.01	32.91 0.72 1.00	30.52 0.31 0.97	30.08 0.05 1.02	26.22 0.06 0.37	22.55 0.05 0.02
GARDNVLA_35_KV_LD 355827	28.82 0.08 0.00	24.21 -0.05 0.00	18.66 -0.34 0.00	19.77 -0.40 0.00	20.20 -0.31 0.00	25.16 -0.16 0.53	23.26 -0.05 2.88	21.33 0.13 0.64	20.62 0.45 0.00	21.75 0.65 0.00	23.32 0.76 0.00	24.82 0.88 0.00	24.06 0.82 0.00	27.85 0.95 0.38	23.41 0.54 0.01	24.62 0.32 0.08	28.77 0.47 0.65	35.69 0.51 1.80	37.22 1.09 1.00	33.15 0.96 1.00	30.74 0.52 0.97	30.29 0.27 1.02	26.40 0.25 0.37	22.69 0.19 0.02
GELCKHM___115KV_LOAD 80723	28.59 -0.15 0.00	24.08 -0.18 0.00	18.81 -0.20 0.00	19.97 -0.20 0.00	20.33 -0.18 0.00	25.45 -0.17 0.23	24.80 -0.16 1.24	21.47 -0.09 0.28	20.11 -0.05 0.00	21.09 -0.02 0.00	22.59 0.02 0.00	23.99 0.05 0.00	23.29 0.06 0.00	27.26 0.15 0.16	23.04 0.17 0.00	24.55 0.20 0.04	28.98 0.31 0.28	36.57 0.36 0.77	37.00 0.30 0.43	33.00 0.24 0.43	30.96 0.18 0.41	30.69 0.07 0.44	26.31 -0.06 0.16	22.43 -0.08 0.01
GENERAL___MILLS 23808	28.76 0.02 0.00	24.17 -0.09 0.00	18.63 -0.37 0.00	19.74 -0.42 0.00	20.18 -0.33 0.00	25.12 -0.19 0.53	23.21 -0.10 2.88	21.28 0.09 0.64	20.57 0.40 0.00	21.69 0.58 0.00	23.25 0.68 0.00	24.74 0.80 0.00	23.97 0.74 0.00	27.74 0.84 0.38	23.33 0.46 0.01	24.55 0.25 0.08	28.68 0.39 0.66	35.58 0.40 1.80	37.10 0.97 1.01	33.05 0.86 1.00	30.65 0.43 0.97	30.21 0.18 1.02	26.32 0.17 0.37	22.64 0.14 0.02
GE_PLASTICS___DRP 24183	29.25 0.52 0.00	24.76 0.50 0.00	19.55 0.55 0.00	20.77 0.61 0.00	21.13 0.62 0.00	26.54 0.69 0.00	26.79 0.59 0.00	22.22 0.39 0.00	20.48 0.31 0.00	21.31 0.21 0.00	22.78 0.22 0.00	24.12 0.18 0.00	23.42 0.19 0.00	27.64 0.36 0.00	23.38 0.50 0.00	24.94 0.56 0.00	29.64 0.69 0.00	37.90 0.92 0.00	38.15 1.02 0.00	34.14 0.95 0.00	32.15 0.96 0.00	32.02 0.97 0.00	27.11 0.59 0.00	23.04 0.53 0.00
GILBOA___1 23756	29.41 0.67 0.00	24.93 0.67 0.00	19.61 0.61 0.00	20.88 0.71 0.00	21.23 0.72 0.00	26.74 0.89 0.00	26.89 0.70 0.00	22.40 0.56 0.00	20.63 0.46 0.00	21.55 0.45 0.00	23.04 0.47 0.00	24.41 0.47 0.00	23.68 0.45 0.00	27.99 0.71 0.00	23.63 0.75 0.00	25.23 0.85 0.00	29.98 1.03 0.00	38.18 1.20 0.00	38.25 1.11 0.00	34.27 1.08 0.00	32.25 1.06 0.00	32.23 1.18 0.00	27.29 0.77 0.00	23.16 0.64 0.00
GILBOA___2 23757	29.41 0.67 0.00	24.93 0.67 0.00	19.61 0.61 0.00	20.88 0.71 0.00	21.23 0.72 0.00	26.74 0.89 0.00	26.89 0.70 0.00	22.40 0.56 0.00	20.63 0.46 0.00	21.55 0.45 0.00	23.04 0.47 0.00	24.41 0.47 0.00	23.68 0.45 0.00	27.99 0.71 0.00	23.63 0.75 0.00	25.23 0.85 0.00	29.98 1.03 0.00	38.18 1.20 0.00	38.25 1.11 0.00	34.27 1.08 0.00	32.25 1.06 0.00	32.23 1.18 0.00	27.29 0.77 0.00	23.16 0.64 0.00

GILBOA___3 23758	29.41 0.67 0.00	24.93 0.67 0.00	19.61 0.61 0.00	20.88 0.71 0.00	21.23 0.72 0.00	26.74 0.89 0.00	26.89 0.70 0.00	22.40 0.56 0.00	20.63 0.46 0.00	21.55 0.45 0.00	23.04 0.47 0.00	24.41 0.47 0.00	23.68 0.45 0.00	27.99 0.71 0.00	23.63 0.75 0.00	25.23 0.85 0.00	29.98 1.03 0.00	38.18 1.20 0.00	38.25 1.11 0.00	34.27 1.08 0.00	32.25 1.06 0.00	32.23 1.18 0.00	27.29 0.77 0.00	23.16 0.64 0.00
GILBOA___4 23759	29.41 0.67 0.00	24.93 0.67 0.00	19.61 0.61 0.00	20.88 0.71 0.00	21.23 0.72 0.00	26.74 0.89 0.00	26.89 0.70 0.00	22.40 0.56 0.00	20.63 0.46 0.00	21.55 0.45 0.00	23.04 0.47 0.00	24.41 0.47 0.00	23.68 0.45 0.00	27.99 0.71 0.00	23.63 0.75 0.00	25.23 0.85 0.00	29.98 1.03 0.00	38.18 1.20 0.00	38.25 1.11 0.00	34.27 1.08 0.00	32.25 1.06 0.00	32.23 1.18 0.00	27.29 0.77 0.00	23.16 0.64 0.00
GILBOA___ 23599	29.41 0.67 0.00	24.93 0.67 0.00	19.61 0.61 0.00	20.88 0.71 0.00	21.24 0.72 0.00	26.74 0.89 0.00	26.89 0.70 0.00	22.40 0.56 0.00	20.64 0.47 0.00	21.55 0.44 0.00	23.04 0.47 0.00	24.41 0.47 0.00	23.68 0.45 0.00	27.99 0.71 0.00	23.63 0.76 0.00	25.24 0.85 0.00	29.98 1.04 0.00	38.19 1.21 0.00	38.24 1.11 0.00	34.27 1.08 0.00	32.25 1.06 0.00	32.23 1.18 0.00	27.29 0.77 0.00	23.16 0.64 0.00
GINNA___ 23603	27.37 -1.18 0.19	23.17 -1.09 0.00	17.98 -1.03 0.00	19.04 -1.13 0.00	19.42 -1.09 0.00	24.00 -1.24 0.60	21.44 -1.17 3.58	20.19 -0.91 0.73	19.43 -0.67 0.07	20.45 -0.60 0.06	21.89 -0.55 0.12	23.47 -0.47 0.00	22.82 -0.41 0.00	26.43 -0.42 0.44	22.53 -0.34 0.01	23.84 -0.45 0.10	27.58 -0.63 0.74	34.06 -0.87 2.04	35.40 -0.59 1.14	31.54 -0.51 1.14	29.37 -0.72 1.10	28.99 -0.90 1.16	25.21 -0.89 0.42	21.68 -0.81 0.03
GLEN PARK___ 23778	29.18 0.45 0.00	24.25 -0.01 0.00	18.85 -0.16 0.00	19.92 -0.24 0.00	20.26 -0.25 0.00	26.14 0.18 -0.11	27.10 0.30 -0.60	22.16 0.19 -0.13	20.32 0.15 0.00	21.41 0.30 0.00	22.92 0.36 0.00	24.36 0.42 0.00	23.62 0.39 0.00	27.65 0.28 -0.08	23.22 0.34 0.00	24.76 0.36 -0.02	29.78 0.70 -0.13	37.91 0.58 -0.35	38.00 0.67 -0.20	34.13 0.82 -0.12	30.29 1.36 2.26	33.74 1.17 -1.53	27.12 0.53 -0.07	22.59 0.06 0.00
GLENDALE_27_KV_LOAD 356172	30.48 1.74 0.00	25.68 1.42 0.00	20.17 1.17 0.00	21.51 1.34 0.00	21.87 1.36 0.00	27.63 1.78 0.00	30.32 1.95 -2.19	197.66 1.66 -174.16	179.74 1.36 -158.20	52.24 1.42 -29.72	48.15 1.52 -24.06	51.77 1.58 -26.26	56.97 1.51 -32.23	55.34 2.13 -25.93	68.25 2.13 -43.25	91.85 2.36 -65.10	90.48 2.91 -58.62	40.91 3.93 0.00	40.85 3.72 0.00	36.32 3.14 0.00	34.20 3.01 0.00	34.07 3.02 0.00	28.77 2.25 0.00	24.34 1.82 0.00
GLENWOOD_IC_1_G5 23712	30.48 1.75 0.00	25.71 1.45 0.00	20.18 1.18 0.00	21.50 1.33 0.00	23.74 1.35 -1.87	36.05 1.82 -8.39	33.03 1.86 -4.98	23.43 1.58 -0.01	23.89 1.42 -2.31	29.29 1.54 -6.65	29.65 1.56 -5.52	31.07 1.70 -5.43	30.14 1.59 -5.32	34.36 2.15 -4.92	30.76 2.22 -5.66	32.11 2.40 -5.33	35.69 2.79 -3.95	43.59 3.51 -3.10	45.56 3.47 -4.96	41.16 2.79 -5.18	37.89 2.68 -4.02	39.70 2.95 -5.70	35.13 2.19 -6.42	32.31 1.83 -7.96
GLENWOOD_IC_2_G1 23688	30.39 1.66 0.00	25.64 1.39 0.00	20.14 1.13 0.00	21.46 1.29 0.00	21.81 1.30 0.00	27.53 1.68 0.00	27.93 1.74 0.00	23.31 1.47 0.00	21.46 1.29 0.00	22.51 1.40 0.00	23.98 1.41 0.00	25.45 1.51 0.00	24.64 1.41 0.00	29.24 1.96 0.00	24.92 2.05 0.00	26.62 2.24 0.00	31.72 2.77 0.00	40.51 3.54 0.00	40.59 3.45 0.00	36.00 2.81 0.00	33.90 2.70 0.00	33.86 2.81 0.00	28.55 2.03 0.00	24.80 1.69 -0.60
GLENWOOD_IC_3_G1 23689	30.39 1.66 0.00	25.64 1.39 0.00	20.14 1.13 0.00	21.46 1.29 0.00	21.81 1.30 0.00	27.53 1.68 0.00	27.93 1.74 0.00	23.31 1.47 0.00	21.46 1.29 0.00	22.51 1.40 0.00	23.98 1.41 0.00	25.45 1.51 0.00	24.64 1.41 0.00	29.24 1.96 0.00	24.92 2.05 0.00	26.62 2.24 0.00	31.72 2.77 0.00	40.51 3.54 0.00	40.59 3.45 0.00	36.00 2.81 0.00	33.90 2.70 0.00	33.86 2.81 0.00	28.55 2.03 0.00	24.80 1.69 -0.60
GLENWOOD___4 23550	30.48 1.75 0.00	25.71 1.45 0.00	20.18 1.18 0.00	21.50 1.33 0.00	23.74 1.35 -1.87	36.05 1.82 -8.39	33.03 1.86 -4.98	23.43 1.58 -0.01	23.89 1.42 -2.31	29.29 1.54 -6.65	29.65 1.56 -5.52	31.07 1.70 -5.43	30.14 1.59 -5.32	34.36 2.15 -4.92	30.76 2.22 -5.66	32.12 2.40 -5.33	35.76 2.87 -3.95	43.69 3.61 -3.10	45.66 3.56 -4.96	41.24 2.87 -5.18	37.98 2.76 -4.02	39.73 2.98 -5.70	35.13 2.19 -6.42	32.31 1.83 -7.96
GLENWOOD___5 23614	30.48 1.75 0.00	25.71 1.45 0.00	20.18 1.18 0.00	21.50 1.33 0.00	23.74 1.35 -1.87	36.05 1.82 -8.39	33.03 1.86 -4.98	23.43 1.58 -0.01	23.89 1.42 -2.31	29.29 1.54 -6.65	29.65 1.56 -5.52	31.07 1.70 -5.43	30.14 1.59 -5.32	34.36 2.15 -4.92	30.76 2.22 -5.66	32.12 2.40 -5.33	35.76 2.87 -3.95	43.69 3.61 -3.10	45.66 3.56 -4.96	41.24 2.87 -5.18	37.98 2.76 -4.02	39.73 2.98 -5.70	35.13 2.19 -6.42	32.31 1.83 -7.96
GLOBAL GREEN_PORT_GT1 23814	30.07 1.33 0.00	25.40 1.14 0.00	19.92 0.91 0.00	21.22 1.05 0.00	20.71 1.11 0.92	23.45 1.71 4.11	25.69 1.94 2.44	23.83 2.00 0.00	20.70 1.65 1.13	19.78 1.93 3.26	21.44 1.58 2.70	22.94 1.67 2.66	22.15 1.52 2.60	26.86 1.99 2.41	22.21 2.10 2.77	23.90 2.27 2.76	29.55 2.75 2.14	38.38 3.22 1.81	37.68 3.27 2.73	32.18 1.80 2.81	31.61 2.59 2.18	31.00 3.03 3.08	25.17 2.12 3.47	20.86 1.73 3.38
GLOBE___DSASP 323697	27.77 -0.97 0.00	23.46 -0.81 0.00	18.09 -0.92 0.00	19.13 -1.03 0.00	19.55 -0.96 0.00	24.21 -1.07 0.57	21.91 -1.20 3.08	20.22 -0.93 0.69	19.61 -0.56 0.00	20.64 -0.47 0.00	22.14 -0.43 0.00	23.60 -0.34 0.00	22.87 -0.36 0.00	26.36 -0.51 0.41	22.25 -0.62 0.01	23.38 -0.91 0.09	27.16 -1.09 0.70	33.56 -1.50 1.92	35.25 -0.81 1.08	31.44 -0.68 1.07	29.14 -1.02 1.04	28.79 -1.17 1.09	25.24 -0.89 0.39	21.81 -0.69 0.03
GOETHSLN___LBMP 323567	30.25 1.51 0.00	25.49 1.23 0.00	20.04 1.03 0.00	21.36 1.20 0.00	21.72 1.21 0.00	27.46 1.61 0.00	30.22 1.77 -2.26	203.06 1.50 -179.73	184.67 1.24 -163.25	53.04 1.27 -30.67	48.72 1.32 -24.83	52.41 1.37 -27.10	57.80 1.30 -33.26	55.91 1.87 -26.76	69.43 1.93 -44.63	93.73 2.16 -67.18	92.11 2.67 -60.49	40.58 3.60 0.00	40.56 3.43 0.00	36.09 2.90 0.00	33.94 2.75 0.00	33.80 2.75 0.00	28.53 2.01 0.00	24.16 1.64 0.00
GOLAH___69_KV_TB 1_2 80279	29.01 0.28 0.00	24.43 0.17 0.00	18.90 -0.10 0.00	20.02 -0.15 0.00	20.43 -0.08 0.00	25.31 0.07 0.61	23.03 0.16 3.32	21.31 0.22 0.74	20.56 0.39 0.00	21.63 0.52 0.00	23.22 0.65 0.00	24.77 0.83 0.00	24.05 0.81 0.00	27.84 1.00 0.44	23.66 0.79 0.01	25.10 0.82 0.10	28.99 0.79 0.75	35.80 0.88 2.06	37.26 1.27 1.15	33.27 1.23 1.14	31.00 0.92 1.11	30.62 0.74 1.17	26.64 0.54 0.42	22.90 0.41 0.03

GOODYEAR_LAKE_HYD 323669	29.85 1.11 0.00	25.21 0.95 0.00	19.68 0.67 0.00	20.91 0.75 0.00	21.30 0.78 0.00	26.95 1.11 0.00	27.33 1.14 0.00	22.85 1.02 0.00	21.13 0.96 0.00	22.17 1.06 0.00	23.70 1.13 0.00	25.16 1.22 0.00	24.40 1.17 0.00	28.80 1.52 0.00	24.21 1.33 0.00	25.86 1.48 0.00	30.78 1.83 0.00	39.27 2.29 0.00	39.34 2.21 0.00	35.12 1.94 0.00	32.97 1.78 0.00	32.87 1.82 0.00	27.85 1.33 0.00	23.54 1.02 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.10 0.37 0.00	24.52 0.26 0.00	19.13 0.12 0.00	20.38 0.21 0.00	20.77 0.26 0.00	26.14 0.44 0.15	25.83 0.46 0.82	22.13 0.47 0.18	20.68 0.51 0.00	21.67 0.56 0.00	23.16 0.59 0.00	24.57 0.63 0.00	23.83 0.60 0.00	28.07 0.89 0.11	23.66 0.78 0.00	25.19 0.83 0.02	29.90 1.14 0.18	37.81 1.34 0.51	38.15 1.30 0.28	33.97 1.07 0.28	31.82 0.91 0.28	31.58 0.83 0.29	26.97 0.55 0.10	22.91 0.40 0.01
GOUDEY___7 23579	29.13 0.39 0.00	24.54 0.28 0.00	19.14 0.14 0.00	20.39 0.22 0.00	20.79 0.28 0.00	26.16 0.46 0.15	25.86 0.48 0.82	22.14 0.49 0.18	20.70 0.53 0.00	21.69 0.58 0.00	23.19 0.62 0.00	24.60 0.66 0.00	23.86 0.63 0.00	28.10 0.93 0.11	23.69 0.82 0.00	25.23 0.87 0.02	29.94 1.18 0.18	37.86 1.39 0.51	38.20 1.35 0.28	34.01 1.10 0.28	31.86 0.95 0.28	31.62 0.86 0.29	26.99 0.58 0.10	22.93 0.42 0.01
GOUDEY___8 23580	29.10 0.37 0.00	24.52 0.26 0.00	19.13 0.12 0.00	20.38 0.21 0.00	20.77 0.26 0.00	26.14 0.44 0.15	25.83 0.46 0.82	22.13 0.47 0.18	20.68 0.51 0.00	21.67 0.56 0.00	23.16 0.59 0.00	24.57 0.63 0.00	23.83 0.60 0.00	28.07 0.89 0.11	23.66 0.78 0.00	25.19 0.83 0.02	29.90 1.14 0.18	37.81 1.34 0.51	38.15 1.30 0.28	33.97 1.07 0.28	31.82 0.91 0.28	31.58 0.83 0.29	26.97 0.55 0.10	22.91 0.40 0.01
GOWANUS_GT1_1 24077	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT1_2 24078	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT1_3 24079	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT1_4 24080	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT1_5 24084	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT1_6 24111	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT1_7 24112	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT1_8 24113	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT2_1 24114	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT2_2 24115	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT2_3 24116	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00

GOWANUS_GT2_4 24117	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT2_5 24118	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT2_6 24119	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT2_7 24120	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT2_8 24121	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT3_1 24122	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT3_2 24123	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT3_3 24124	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT3_4 24125	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT3_5 24126	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT3_6 24127	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT3_7 24128	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT3_8 24129	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT4_1 24130	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT4_2 24131	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00

GOWANUS_GT4_3 24132	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT4_4 24133	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT4_5 24134	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT4_6 24135	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT4_7 24136	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GOWANUS_GT4_8 24137	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GREENBSH_115KV_TB3 55895	29.20 0.46 0.00	24.72 0.46 0.00	19.57 0.56 0.00	20.77 0.60 0.00	21.12 0.61 0.00	26.51 0.66 0.00	26.74 0.55 0.00	22.16 0.32 0.00	20.42 0.25 0.00	21.23 0.13 0.00	22.70 0.13 0.00	24.02 0.08 0.00	23.33 0.10 0.00	27.53 0.25 0.00	23.32 0.44 0.00	24.87 0.48 0.00	29.55 0.60 0.00	37.80 0.82 0.00	38.07 0.93 0.00	34.07 0.88 0.00	32.09 0.90 0.00	31.94 0.90 0.00	27.03 0.51 0.00	23.00 0.48 0.00
GREENDGE_115KV_TB5 80291	29.07 0.33 0.00	24.36 0.10 0.00	18.90 -0.11 0.00	20.11 -0.05 0.00	20.53 0.02 0.00	25.72 0.21 0.34	24.70 0.38 1.87	21.87 0.45 0.42	20.71 0.54 0.00	21.71 0.60 0.00	23.16 0.60 0.00	24.56 0.62 0.00	23.89 0.66 0.00	27.87 0.84 0.25	23.60 0.73 0.01	24.98 0.65 0.06	29.82 1.30 0.42	37.11 1.29 1.16	37.84 1.36 0.65	33.77 1.23 0.65	31.50 0.94 0.63	31.12 0.74 0.66	26.76 0.48 0.24	22.75 0.24 0.02
GREENIDGE___3 23582	29.07 0.33 0.00	24.36 0.10 0.00	18.90 -0.11 0.00	20.11 -0.05 0.00	20.53 0.02 0.00	25.72 0.21 0.34	24.70 0.38 1.87	21.87 0.45 0.42	20.71 0.54 0.00	21.71 0.60 0.00	23.16 0.60 0.00	24.56 0.62 0.00	23.89 0.66 0.00	27.87 0.84 0.25	23.60 0.73 0.01	24.98 0.65 0.06	29.82 1.30 0.42	37.11 1.29 1.16	37.84 1.36 0.65	33.77 1.23 0.65	31.50 0.94 0.63	31.12 0.74 0.66	26.76 0.48 0.24	22.75 0.24 0.02
GREENIDGE___4 23583	29.38 0.35 -0.29	24.36 0.10 0.00	18.90 -0.11 0.00	20.11 -0.05 0.00	20.53 0.02 0.00	25.72 0.22 0.34	25.14 0.38 1.44	21.87 0.45 0.42	20.83 0.55 -0.11	21.79 0.60 -0.08	23.35 0.59 -0.19	24.55 0.61 0.00	23.88 0.66 0.00	27.87 0.83 0.25	23.60 0.72 0.01	24.98 0.65 0.06	29.82 1.30 0.42	37.10 1.28 1.16	37.86 1.37 0.65	33.78 1.24 0.65	31.50 0.94 0.63	31.12 0.73 0.66	26.76 0.47 0.24	22.75 0.24 0.02
GREENLWN_69_KV_BK 3 55738	30.13 1.39 0.00	25.46 1.20 0.00	19.99 0.98 0.00	21.29 1.12 0.00	20.92 1.16 0.75	24.23 1.72 3.34	25.84 1.63 1.98	23.23 1.40 0.00	20.48 1.22 0.92	19.89 1.43 2.64	21.74 1.37 2.20	23.29 1.51 2.16	22.45 1.33 2.12	27.09 1.76 1.96	22.56 1.93 2.25	24.21 2.09 2.26	29.73 2.55 1.76	38.41 2.95 1.52	37.93 3.06 2.26	33.23 2.35 2.31	31.72 2.32 1.80	31.23 2.72 2.54	25.58 1.91 2.86	21.53 1.70 2.68
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00
GRISSOM___SOLAR 323813	32.87 4.13 0.00	27.52 3.26 0.00	21.31 2.30 0.00	22.48 2.31 0.00	22.88 2.37 0.00	29.09 3.25 0.00	29.56 3.37 0.00	24.14 2.30 0.00	21.55 1.38 0.00	22.26 1.15 0.00	23.63 1.06 0.00	25.03 1.09 0.00	24.46 1.23 0.00	28.77 1.48 0.00	24.30 1.43 0.00	26.46 2.08 0.00	31.36 2.41 0.00	40.57 3.59 0.00	43.03 5.90 0.00	38.88 5.69 0.00	36.65 5.45 0.00	36.27 5.22 0.00	30.69 4.17 0.00	25.87 3.34 0.00
GROVEVILLE___HYD 323602	30.24 1.50 0.00	25.50 1.24 0.00	20.05 1.05 0.00	21.37 1.20 0.00	21.73 1.21 0.00	27.41 1.56 0.00	27.87 1.68 0.00	23.26 1.41 0.00	21.39 1.22 0.00	22.37 1.26 0.00	23.90 1.34 0.00	25.35 1.41 0.00	24.60 1.37 0.00	29.25 1.97 0.00	24.89 2.01 0.00	26.65 2.27 0.00	31.79 2.84 0.00	40.73 3.75 0.00	40.73 3.59 0.00	36.19 3.00 0.00	34.01 2.82 0.00	33.83 2.78 0.00	28.51 1.99 0.00	24.12 1.60 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.80 0.06 0.00	24.24 -0.02 0.00	18.93 -0.07 0.00	20.10 -0.07 0.00	20.47 -0.04 0.00	25.88 0.03 0.00	26.24 0.05 0.00	21.91 0.07 0.00	20.27 0.09 0.00	21.25 0.14 0.00	22.75 0.18 0.00	24.17 0.23 0.00	23.47 0.24 0.00	27.65 0.36 0.00	23.24 0.37 0.00	24.79 0.41 0.00	29.52 0.58 0.00	37.67 0.69 0.00	37.74 0.61 0.00	33.73 0.54 0.00	31.65 0.46 0.00	31.36 0.31 0.00	26.65 0.13 0.00	22.59 0.07 0.00

HAMLTNNY_34_KV_TB 80303	28.86 0.12 0.00	24.28 0.03 0.00	18.95 -0.05 0.00	20.12 -0.05 0.00	20.50 -0.02 0.00	25.94 0.10 0.00	26.29 0.10 0.00	21.96 0.12 0.00	20.32 0.14 0.00	21.31 0.20 0.00	22.82 0.25 0.00	24.25 0.31 0.00	23.55 0.32 0.00	27.74 0.45 0.00	23.32 0.45 0.00	24.89 0.50 0.00	29.63 0.69 0.00	37.81 0.84 0.00	37.90 0.76 0.00	33.89 0.70 0.00	31.79 0.59 0.00	31.47 0.42 0.00	26.73 0.20 0.00	22.64 0.12 0.00
HAMPSHIRE___PAPER_HYD 323593	29.06 0.33 0.00	24.32 0.06 0.00	18.92 -0.09 0.00	19.97 -0.19 0.00	20.26 -0.25 0.00	25.76 -0.09 0.00	26.30 0.11 0.00	21.95 0.11 0.00	20.30 0.12 0.00	21.35 0.24 0.00	22.80 0.23 0.00	24.21 0.27 0.00	23.48 0.25 0.00	27.38 0.10 0.00	22.89 0.02 0.00	24.37 -0.01 0.00	28.80 -0.15 0.00	36.48 -0.50 0.00	36.64 -0.49 0.00	32.66 -0.33 0.20	24.20 -0.06 6.93	34.64 0.13 -3.47	26.60 0.08 0.00	22.36 -0.16 0.00
HARDSCRABBLE_WT_PWR 323673	29.16 0.42 0.00	24.62 0.36 0.00	19.40 0.39 0.00	20.64 0.47 0.00	21.01 0.50 0.00	26.45 0.61 0.00	26.74 0.55 0.00	22.09 0.25 0.00	20.21 0.04 0.00	21.00 -0.11 0.00	22.46 -0.11 0.00	23.82 -0.11 0.00	23.18 -0.05 0.00	27.44 0.16 0.00	23.21 0.33 0.00	24.77 0.38 0.00	29.50 0.55 0.00	37.77 0.79 0.00	38.29 1.15 0.00	34.35 1.15 -0.02	33.26 1.40 -0.67	32.45 1.39 -0.01	27.30 0.78 0.00	22.99 0.47 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.08 1.34 0.00	25.34 1.08 0.00	19.89 0.88 0.00	21.20 1.03 0.00	21.56 1.05 0.00	27.24 1.39 0.00	27.70 1.51 0.00	23.12 1.28 0.00	21.30 1.13 0.00	22.29 1.19 0.00	23.80 1.23 0.00	25.24 1.30 0.00	24.49 1.26 0.00	29.16 1.88 0.00	24.82 1.95 0.00	26.59 2.21 0.00	31.72 2.77 0.00	40.61 3.63 0.00	40.53 3.39 0.00	35.95 2.76 0.00	33.78 2.58 0.00	33.56 2.51 0.00	28.30 1.78 0.00	23.96 1.44 0.00
HARSNRAD_115KV_TB1 81005	28.29 -0.45 0.00	23.85 -0.40 0.00	18.39 -0.62 0.00	19.45 -0.71 0.00	19.88 -0.63 0.00	24.68 -0.61 0.56	22.54 -0.58 3.07	20.79 -0.36 0.68	20.12 -0.05 0.00	21.18 0.08 0.00	22.73 0.16 0.00	24.21 0.27 0.00	23.48 0.25 0.00	27.11 0.24 0.41	22.88 0.01 0.01	24.10 -0.20 0.09	27.98 -0.27 0.70	34.59 -0.47 1.92	36.27 0.21 1.07	32.37 0.25 1.07	30.01 -0.15 1.03	29.60 -0.36 1.09	25.90 -0.22 0.39	22.33 -0.16 0.03
HARZA MOOSE___RIVER 24016	29.28 0.54 0.00	24.48 0.22 0.00	19.08 0.08 0.00	20.21 0.04 0.00	20.50 -0.01 0.00	26.03 0.19 0.00	26.53 0.34 0.00	22.15 0.31 0.00	20.53 0.36 0.00	21.59 0.49 0.00	23.11 0.54 0.00	24.54 0.60 0.00	23.86 0.63 0.00	27.96 0.68 0.00	23.43 0.56 0.00	24.96 0.57 0.00	29.82 0.88 0.00	38.01 1.04 0.00	38.09 0.96 0.00	34.06 0.91 0.04	30.88 1.11 1.43	33.02 0.99 -0.98	27.00 0.48 0.00	22.68 0.16 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.61 -0.12 0.00	24.09 -0.16 0.00	18.81 -0.19 0.00	19.98 -0.18 0.00	20.35 -0.16 0.00	25.42 -0.14 0.28	24.51 -0.12 1.56	21.42 -0.07 0.35	20.15 -0.02 0.00	21.13 0.02 0.00	22.63 0.07 0.00	24.04 0.10 0.00	23.32 0.09 0.00	27.24 0.16 0.21	23.07 0.20 0.00	24.56 0.22 0.04	28.94 0.35 0.35	36.41 0.40 0.97	36.94 0.35 0.54	32.92 0.27 0.54	30.87 0.20 0.52	30.59 0.09 0.55	26.30 -0.03 0.20	22.46 -0.04 0.01
HELLGATE_13_KV_LD 55870	30.37 1.63 0.00	25.60 1.34 0.00	20.11 1.11 0.00	21.45 1.28 0.00	21.80 1.29 0.00	27.53 1.69 0.00	30.22 1.84 -2.19	197.56 1.56 -174.16	179.62 1.25 -158.20	52.11 1.28 -29.72	48.01 1.38 -24.06	51.63 1.44 -26.26	56.83 1.37 -32.23	55.18 1.96 -25.93	68.12 1.99 -43.25	91.69 2.21 -65.10	90.30 2.73 -58.62	40.69 3.72 0.00	40.64 3.50 0.00	36.15 2.96 0.00	34.02 2.82 0.00	33.89 2.84 0.00	28.65 2.13 0.00	24.24 1.72 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.37 1.63 0.00	25.60 1.34 0.00	20.11 1.11 0.00	21.45 1.28 0.00	21.80 1.29 0.00	27.53 1.69 0.00	30.22 1.84 -2.19	197.56 1.56 -174.16	179.62 1.25 -158.20	52.11 1.28 -29.72	48.01 1.38 -24.06	51.63 1.44 -26.26	56.83 1.37 -32.23	55.18 1.96 -25.93	68.12 1.99 -43.25	91.69 2.21 -65.10	90.30 2.73 -58.62	40.69 3.72 0.00	40.64 3.50 0.00	36.15 2.96 0.00	34.02 2.82 0.00	33.89 2.84 0.00	28.65 2.13 0.00	24.24 1.72 0.00
HEMPSTEAD____ 23647	30.29 1.55 0.00	25.57 1.31 0.00	20.07 1.07 0.00	21.39 1.22 0.00	24.18 1.24 -2.42	38.46 1.76 -10.85	34.36 1.73 -6.44	23.33 1.48 -0.01	24.48 1.33 -2.98	31.21 1.50 -8.60	31.14 1.43 -7.14	32.55 1.59 -7.03	31.53 1.42 -6.88	35.58 1.93 -6.37	32.27 2.07 -7.32	33.53 2.20 -6.95	36.79 2.65 -5.19	44.08 3.26 -3.85	46.86 3.28 -6.44	42.60 2.61 -6.81	39.05 2.57 -5.29	41.44 2.89 -7.50	37.06 2.09 -8.45	34.58 1.77 -10.29
HEWLETT_69_KV_BK3 55828	30.62 1.88 0.00	25.81 1.55 0.00	20.26 1.26 0.00	21.59 1.42 0.00	33.44 1.44 -11.48	79.31 2.06 -51.40	58.72 2.03 -30.50	23.61 1.72 -0.06	35.86 1.57 -14.12	63.56 1.70 -40.76	57.96 1.57 -33.82	58.96 1.74 -33.29	57.42 1.59 -32.60	59.52 2.08 -30.16	59.78 2.20 -34.70	60.14 2.37 -33.39	57.13 2.94 -25.24	63.16 3.65 -22.53	73.42 3.73 -32.56	69.28 2.98 -33.11	59.80 2.90 -25.70	70.49 3.15 -36.29	69.71 2.28 -40.90	71.96 1.93 -47.51
HICKLING___1 23621	28.97 0.23 0.00	24.24 -0.02 0.00	18.78 -0.23 0.00	20.07 -0.09 0.00	20.48 -0.03 0.00	25.76 0.19 0.28	25.01 0.33 1.51	21.98 0.47 0.34	20.83 0.66 0.00	21.86 0.75 0.00	23.35 0.79 0.00	24.71 0.77 0.00	23.92 0.69 0.00	28.11 1.03 0.20	23.62 0.75 0.00	25.03 0.68 0.04	29.80 1.19 0.34	37.46 1.42 0.94	37.95 1.35 0.53	33.68 1.02 0.52	31.45 0.77 0.51	30.99 0.48 0.53	26.65 0.33 0.19	22.64 0.13 0.01
HICKLING___2 23622	28.97 0.23 0.00	24.24 -0.02 0.00	18.78 -0.23 0.00	20.07 -0.09 0.00	20.48 -0.03 0.00	25.76 0.19 0.28	25.01 0.33 1.51	21.98 0.47 0.34	20.83 0.66 0.00	21.86 0.75 0.00	23.35 0.79 0.00	24.71 0.77 0.00	23.92 0.69 0.00	28.11 1.03 0.20	23.62 0.75 0.00	25.03 0.68 0.04	29.80 1.19 0.34	37.46 1.42 0.94	37.95 1.35 0.53	33.68 1.02 0.52	31.45 0.77 0.51	30.99 0.48 0.53	26.65 0.33 0.19	22.64 0.13 0.01
HIGH FALLS___HY 23754	30.17 1.43 0.00	25.48 1.22 0.00	19.98 0.97 0.00	21.31 1.15 0.00	21.67 1.16 0.00	27.41 1.56 0.00	27.92 1.73 0.00	23.34 1.50 0.00	21.46 1.28 0.00	22.41 1.31 0.00	23.90 1.33 0.00	25.29 1.35 0.00	24.47 1.24 0.00	28.86 1.57 0.00	24.61 1.73 0.00	26.35 1.97 0.00	31.55 2.60 0.00	40.77 3.79 0.00	40.48 3.35 0.00	35.97 2.78 0.00	33.86 2.66 0.00	34.04 2.99 0.00	28.66 2.14 0.00	24.20 1.68 0.00
HILLBURN___GT 23639	30.00 1.26 0.00	25.28 1.02 0.00	19.83 0.83 0.00	21.16 0.99 0.00	21.51 1.00 0.00	27.20 1.35 0.00	27.67 1.48 0.00	23.08 1.25 0.00	21.26 1.08 0.00	22.26 1.16 0.00	23.74 1.17 0.00	25.16 1.22 0.00	24.39 1.16 0.00	29.04 1.75 0.00	24.73 1.86 0.00	26.48 2.10 0.00	31.56 2.61 0.00	40.39 3.41 0.00	40.27 3.14 0.00	35.71 2.52 0.00	33.57 2.38 0.00	33.36 2.31 0.00	28.15 1.63 0.00	23.86 1.34 0.00

HILLSIDE_115KV_TB1 80332	28.68 -0.06 0.00	24.04 -0.22 0.00	18.66 -0.35 0.00	19.96 -0.21 0.00	20.37 -0.14 0.00	25.63 0.04 0.26	24.87 0.10 1.42	21.79 0.27 0.32	20.63 0.46 0.00	21.63 0.53 0.00	23.11 0.54 0.00	24.48 0.54 0.00	23.72 0.49 0.00	27.91 0.81 0.19	23.48 0.61 0.00	24.91 0.57 0.04	29.57 0.95 0.32	37.14 1.05 0.88	37.58 0.94 0.49	33.33 0.63 0.49	31.16 0.45 0.48	30.78 0.23 0.50	26.46 0.12 0.18	22.49 -0.02 0.01
HISHELDN_WT_PWR 323625	28.24 -0.27 0.23	23.78 -0.48 0.00	18.34 -0.66 0.00	19.47 -0.70 0.00	19.89 -0.62 0.00	24.81 -0.54 0.49	22.79 -0.38 3.02	21.13 -0.11 0.60	20.32 0.24 0.09	21.40 0.36 0.07	22.79 0.38 0.15	24.27 0.33 0.00	23.47 0.24 0.00	27.20 0.27 0.36	22.80 -0.07 0.01	24.08 -0.23 0.08	28.40 0.06 0.61	35.24 -0.07 1.67	36.55 0.35 0.93	32.62 0.36 0.93	30.30 0.01 0.90	29.74 -0.36 0.95	25.85 -0.33 0.34	22.15 -0.35 0.02
HOLTSVILLE_IC_1 23690	30.28 1.55 0.00	25.57 1.31 0.00	20.06 1.06 0.00	21.37 1.21 0.00	20.82 1.24 0.94	23.53 1.87 4.19	25.53 1.82 2.48	23.48 1.65 0.00	20.40 1.38 1.15	19.39 1.60 3.32	21.26 1.45 2.76	22.82 1.60 2.71	22.00 1.42 2.66	26.73 1.91 2.46	22.13 2.08 2.83	23.82 2.24 2.81	29.41 2.65 2.18	38.12 2.99 1.84	37.49 3.14 2.78	32.77 2.45 2.86	31.44 2.47 2.22	30.87 2.96 3.14	25.10 2.12 3.54	20.87 1.81 3.46
HOLTSVILLE_IC_10 23699	30.42 1.69 0.00	25.68 1.42 0.00	20.16 1.15 0.00	21.46 1.30 0.00	20.99 1.34 0.86	24.00 2.00 3.84	25.87 1.96 2.28	23.60 1.76 0.00	20.60 1.49 1.05	19.77 1.71 3.05	21.60 1.56 2.53	23.18 1.73 2.49	22.35 1.56 2.44	27.10 2.07 2.26	22.50 2.22 2.59	24.20 2.40 2.59	29.76 2.83 2.01	38.49 3.23 1.71	37.94 3.38 2.57	33.21 2.66 2.64	31.82 2.68 2.05	31.30 3.15 2.90	25.53 2.27 3.26	21.30 1.93 3.15
HOLTSVILLE_IC_2 23691	30.28 1.55 0.00	25.57 1.31 0.00	20.06 1.06 0.00	21.37 1.21 0.00	20.82 1.24 0.94	23.53 1.87 4.19	25.53 1.82 2.48	23.48 1.65 0.00	20.40 1.38 1.15	19.39 1.60 3.32	21.26 1.45 2.76	22.82 1.60 2.71	22.00 1.42 2.66	26.73 1.91 2.46	22.13 2.08 2.83	23.82 2.24 2.81	29.41 2.65 2.18	38.12 2.99 1.84	37.49 3.14 2.78	32.77 2.45 2.86	31.44 2.47 2.22	30.87 2.96 3.14	25.10 2.12 3.54	20.87 1.81 3.46
HOLTSVILLE_IC_3 23692	30.28 1.55 0.00	25.57 1.31 0.00	20.06 1.06 0.00	21.37 1.21 0.00	20.82 1.24 0.94	23.53 1.87 4.19	25.53 1.82 2.48	23.48 1.65 0.00	20.40 1.38 1.15	19.39 1.60 3.32	21.26 1.45 2.76	22.82 1.60 2.71	22.00 1.42 2.66	26.73 1.91 2.46	22.13 2.08 2.83	23.82 2.24 2.81	29.41 2.65 2.18	38.12 2.99 1.84	37.49 3.14 2.78	32.77 2.45 2.86	31.44 2.47 2.22	30.87 2.96 3.14	25.10 2.12 3.54	20.87 1.81 3.46
HOLTSVILLE_IC_4 23693	30.28 1.55 0.00	25.57 1.31 0.00	20.06 1.06 0.00	21.37 1.21 0.00	20.82 1.24 0.94	23.53 1.87 4.19	25.53 1.82 2.48	23.48 1.65 0.00	20.40 1.38 1.15	19.39 1.60 3.32	21.26 1.45 2.76	22.82 1.60 2.71	22.00 1.42 2.66	26.73 1.91 2.46	22.13 2.08 2.83	23.82 2.24 2.81	29.41 2.65 2.18	38.12 2.99 1.84	37.49 3.14 2.78	32.77 2.45 2.86	31.44 2.47 2.22	30.87 2.96 3.14	25.10 2.12 3.54	20.87 1.81 3.46
HOLTSVILLE_IC_5 23694	30.28 1.55 0.00	25.57 1.31 0.00	20.06 1.06 0.00	21.37 1.21 0.00	20.82 1.24 0.94	23.53 1.87 4.19	25.53 1.82 2.48	23.48 1.65 0.00	20.40 1.38 1.15	19.39 1.60 3.32	21.26 1.45 2.76	22.82 1.60 2.71	22.00 1.42 2.66	26.73 1.91 2.46	22.13 2.08 2.83	23.82 2.24 2.81	29.41 2.65 2.18	38.12 2.99 1.84	37.49 3.14 2.78	32.77 2.45 2.86	31.44 2.47 2.22	30.87 2.96 3.14	25.10 2.12 3.54	20.87 1.81 3.46
HOLTSVILLE_IC_6 23695	30.42 1.69 0.00	25.68 1.42 0.00	20.16 1.15 0.00	21.46 1.30 0.00	20.99 1.34 0.86	24.00 2.00 3.84	25.87 1.96 2.28	23.60 1.76 0.00	20.60 1.49 1.05	19.77 1.71 3.05	21.60 1.56 2.53	23.18 1.73 2.49	22.35 1.56 2.44	27.10 2.07 2.26	22.50 2.22 2.59	24.20 2.40 2.59	29.76 2.83 2.01	38.49 3.23 1.71	37.94 3.38 2.57	33.21 2.66 2.64	31.82 2.68 2.05	31.30 3.15 2.90	25.53 2.27 3.26	21.30 1.93 3.15
HOLTSVILLE_IC_7 23696	30.42 1.69 0.00	25.68 1.42 0.00	20.16 1.15 0.00	21.46 1.30 0.00	20.99 1.34 0.86	24.00 2.00 3.84	25.87 1.96 2.28	23.60 1.76 0.00	20.60 1.49 1.05	19.77 1.71 3.05	21.60 1.56 2.53	23.18 1.73 2.49	22.35 1.56 2.44	27.10 2.07 2.26	22.50 2.22 2.59	24.20 2.40 2.59	29.76 2.83 2.01	38.49 3.23 1.71	37.94 3.38 2.57	33.21 2.66 2.64	31.82 2.68 2.05	31.30 3.15 2.90	25.53 2.27 3.26	21.30 1.93 3.15
HOLTSVILLE_IC_8 23697	30.42 1.69 0.00	25.68 1.42 0.00	20.16 1.15 0.00	21.46 1.30 0.00	20.99 1.34 0.86	24.00 2.00 3.84	25.87 1.96 2.28	23.60 1.76 0.00	20.60 1.49 1.05	19.77 1.71 3.05	21.60 1.56 2.53	23.18 1.73 2.49	22.35 1.56 2.44	27.10 2.07 2.26	22.50 2.22 2.59	24.20 2.40 2.59	29.76 2.83 2.01	38.49 3.23 1.71	37.94 3.38 2.57	33.21 2.66 2.64	31.82 2.68 2.05	31.30 3.15 2.90	25.53 2.27 3.26	21.30 1.93 3.15
HOLTSVILLE_IC_9 23698	30.42 1.69 0.00	25.68 1.42 0.00	20.16 1.15 0.00	21.46 1.30 0.00	20.99 1.34 0.86	24.00 2.00 3.84	25.87 1.96 2.28	23.60 1.76 0.00	20.60 1.49 1.05	19.77 1.71 3.05	21.60 1.56 2.53	23.18 1.73 2.49	22.35 1.56 2.44	27.10 2.07 2.26	22.50 2.22 2.59	24.20 2.40 2.59	29.76 2.83 2.01	38.49 3.23 1.71	37.94 3.38 2.57	33.21 2.66 2.64	31.82 2.68 2.05	31.30 3.15 2.90	25.53 2.27 3.26	21.30 1.93 3.15
HOMER_HL_115KV_TB2 355744	29.58 0.84 0.00	24.83 0.57 0.00	19.17 0.16 0.00	20.45 0.28 0.00	20.87 0.36 0.00	26.14 0.76 0.47	24.64 1.02 2.57	22.34 1.08 0.57	21.49 1.31 0.00	22.49 1.39 0.00	24.00 1.43 0.00	25.44 1.50 0.00	24.50 1.26 0.00	28.39 1.45 0.34	23.83 0.96 0.01	25.12 0.81 0.08	29.42 1.05 0.58	36.39 1.01 1.60	37.51 1.27 0.90	33.20 0.90 0.89	30.94 0.61 0.87	30.80 0.67 0.91	26.94 0.75 0.33	23.25 0.75 0.02
HOWARD_WT_PWR 323690	28.55 -0.43 -0.24	23.51 -0.75 0.00	18.20 -0.80 0.00	19.41 -0.75 0.00	19.81 -0.70 0.00	24.88 -0.60 0.37	24.33 -0.20 1.67	21.47 0.08 0.45	20.78 0.52 -0.09	21.85 0.67 -0.07	23.26 0.54 -0.15	24.26 0.32 0.00	23.22 -0.01 0.00	27.03 0.02 0.27	22.51 -0.36 0.01	23.73 -0.60 0.06	29.19 0.71 0.46	36.63 0.91 1.26	37.19 0.76 0.71	32.76 0.28 0.70	30.55 0.04 0.68	29.87 -0.46 0.72	25.73 -0.54 0.26	21.75 -0.75 0.02
HQ_GEN_CEDARS 23644	28.82 0.08 0.00	24.30 0.04 0.00	18.94 -0.06 0.00	20.00 -0.16 0.00	20.31 -0.21 0.00	25.60 -0.24 0.00	26.09 -0.10 0.00	21.79 -0.05 0.00	20.14 -0.03 0.00	21.11 0.01 0.00	22.54 -0.02 0.00	23.93 0.00 0.00	23.21 -0.02 0.00	27.02 -0.27 0.00	22.45 -0.43 0.00	23.89 -0.49 0.00	27.85 -1.10 0.00	35.53 -1.45 0.00	35.77 -1.37 0.00	31.57 -1.27 0.36	17.14 -1.17 12.88	31.61 -0.70 -1.26	26.27 -0.25 0.00	22.29 -0.23 0.00

HQ_GEN_CEDARS_PROXY 323590	28.82 0.08 0.00	24.30 0.04 0.00	18.94 -0.06 0.00	20.00 -0.16 0.00	20.31 -0.21 0.00	25.60 -0.24 0.00	26.09 -0.10 0.00	21.79 -0.05 0.00	20.14 -0.03 0.00	21.11 0.01 0.00	22.54 -0.02 0.00	23.93 0.00 0.00	23.21 -0.02 0.00	27.02 -0.27 0.00	22.45 -0.43 0.00	23.90 -0.49 0.00	27.85 -1.09 0.00	17.98 -1.45 17.55	17.66 -1.37 18.11	15.73 -1.26 16.19	5.24 -1.17 24.79	31.61 -0.70 -1.26	26.27 -0.25 0.00	22.29 -0.23 0.00
HQ_GEN_IMPORT 323601	28.59 -0.15 0.00	24.13 -0.13 0.00	18.99 -0.15 -0.14	19.96 -0.21 0.00	20.28 -0.23 0.00	25.55 -0.30 0.00	25.98 -0.24 -0.03	21.67 -0.17 0.00	20.03 -0.14 0.00	20.98 -0.13 0.00	22.41 -0.16 0.00	23.79 -0.15 0.00	23.08 -0.15 0.00	26.94 -0.35 0.00	22.42 -0.45 0.00	23.89 -0.50 0.00	28.27 -0.68 0.00	36.12 -0.86 0.00	36.27 -0.86 0.00	32.31 -0.78 0.09	27.10 -0.75 3.34	30.28 -0.70 0.07	26.19 -0.34 0.00	23.00 -0.26 -0.74
HQ_GEN_WHEEL 23651	28.59 -0.15 0.00	24.13 -0.13 0.00	18.99 -0.15 -0.14	19.96 -0.21 0.00	20.28 -0.23 0.00	25.55 -0.30 0.00	25.98 -0.24 -0.03	21.67 -0.17 0.00	20.03 -0.14 0.00	20.98 -0.13 0.00	22.41 -0.16 0.00	23.79 -0.15 0.00	23.08 -0.15 0.00	26.94 -0.35 0.00	22.42 -0.45 0.00	23.89 -0.50 0.00	28.27 -0.68 0.00	36.12 -0.86 0.00	36.27 -0.86 0.00	32.31 -0.78 0.09	27.10 -0.75 3.34	30.28 -0.70 0.07	26.19 -0.34 0.00	23.00 -0.26 -0.74
HUDSON_AVE_GT_3 23810	30.37 1.63 0.00	25.59 1.33 0.00	20.12 1.11 0.00	21.45 1.29 0.00	21.81 1.31 0.00	27.55 1.71 0.00	30.31 1.86 -2.26	203.14 1.57 -179.73	184.77 1.34 -163.25	53.17 1.40 -30.67	48.88 1.48 -24.83	52.58 1.55 -27.10	57.98 1.48 -33.26	56.14 2.09 -26.76	69.61 2.11 -44.63	93.92 2.36 -67.18	92.33 2.89 -60.49	40.83 3.85 0.00	40.79 3.65 0.00	36.26 3.08 0.00	34.11 2.91 0.00	33.93 2.88 0.00	28.64 2.12 0.00	24.26 1.74 0.00
HUDSON_AVE_GT_4 23540	30.37 1.63 0.00	25.59 1.33 0.00	20.12 1.11 0.00	21.45 1.29 0.00	21.81 1.31 0.00	27.55 1.71 0.00	30.31 1.86 -2.26	203.14 1.57 -179.73	184.77 1.34 -163.25	53.17 1.40 -30.67	48.88 1.48 -24.83	52.58 1.55 -27.10	57.98 1.48 -33.26	56.14 2.09 -26.76	69.61 2.11 -44.63	93.92 2.36 -67.18	92.33 2.89 -60.49	40.83 3.85 0.00	40.79 3.65 0.00	36.26 3.08 0.00	34.11 2.91 0.00	33.93 2.88 0.00	28.64 2.12 0.00	24.26 1.74 0.00
HUDSON_AVE_GT_5 23657	30.37 1.63 0.00	25.59 1.33 0.00	20.12 1.11 0.00	21.45 1.29 0.00	21.81 1.31 0.00	27.55 1.71 0.00	30.31 1.86 -2.26	203.14 1.57 -179.73	184.77 1.34 -163.25	53.17 1.40 -30.67	48.88 1.48 -24.83	52.58 1.55 -27.10	57.98 1.48 -33.26	56.14 2.09 -26.76	69.61 2.11 -44.63	93.92 2.36 -67.18	92.33 2.89 -60.49	40.83 3.85 0.00	40.79 3.65 0.00	36.26 3.08 0.00	34.11 2.91 0.00	33.93 2.88 0.00	28.64 2.12 0.00	24.26 1.74 0.00
HUDSON_AVE_10 24168	30.29 1.55 0.00	25.53 1.27 0.00	20.07 1.07 0.00	21.42 1.25 0.00	21.78 1.27 0.00	27.50 1.65 0.00	30.22 1.78 -2.26	203.07 1.50 -179.73	184.70 1.27 -163.25	53.08 1.31 -30.67	48.78 1.38 -24.83	52.48 1.44 -27.10	57.86 1.37 -33.26	56.00 1.95 -26.76	69.50 2.00 -44.63	93.80 2.24 -67.18	92.17 2.73 -60.49	40.61 3.64 0.00	40.56 3.42 0.00	36.06 2.87 0.00	33.91 2.72 0.00	33.74 2.69 0.00	28.53 2.01 0.00	24.15 1.63 0.00
HUDSON___115KV_TB 4 355613	29.78 1.04 0.00	25.20 0.94 0.00	19.92 0.91 0.00	21.14 0.97 0.00	21.51 1.00 0.00	27.00 1.15 0.00	27.24 1.05 0.00	22.56 0.72 0.00	20.73 0.55 0.00	21.46 0.36 0.00	22.89 0.32 0.00	24.20 0.26 0.00	23.53 0.30 0.00	27.79 0.50 0.00	23.52 0.65 0.00	25.14 0.75 0.00	29.95 1.00 0.00	38.45 1.47 0.00	38.96 1.83 0.00	35.03 1.84 0.00	33.01 1.82 0.00	32.82 1.77 0.00	27.75 1.23 0.00	23.54 1.02 0.00
HUNTER MOUNT___DRP 323613	29.90 1.16 0.00	25.29 1.03 0.00	20.01 1.00 0.00	21.22 1.05 0.00	21.59 1.08 0.00	27.08 1.24 0.00	27.31 1.12 0.00	22.60 0.76 0.00	20.74 0.57 0.00	21.43 0.33 0.00	22.85 0.28 0.00	24.15 0.22 0.00	23.51 0.28 0.00	27.75 0.47 0.00	23.47 0.59 0.00	25.08 0.70 0.00	29.90 0.95 0.00	38.42 1.44 0.00	39.05 1.92 0.00	35.17 1.98 0.00	33.16 1.97 0.00	32.93 1.88 0.00	27.83 1.31 0.00	23.61 1.09 0.00
HUNTINGTON_RES_REC 323705	30.28 1.55 0.00	25.59 1.33 0.00	20.08 1.08 0.00	21.39 1.22 0.00	20.93 1.27 0.84	23.95 1.88 3.78	25.75 1.80 2.24	23.42 1.58 0.00	20.48 1.35 1.04	19.70 1.59 3.00	21.56 1.48 2.49	23.13 1.64 2.45	22.29 1.46 2.39	27.01 1.95 2.22	22.44 2.11 2.55	24.13 2.30 2.55	29.71 2.74 1.98	38.44 3.15 1.68	37.87 3.26 2.53	33.14 2.55 2.60	31.71 2.53 2.02	31.20 3.00 2.85	25.44 2.13 3.21	21.28 1.85 3.09
HUNTLEY___63 23557	28.56 -0.18 0.00	24.09 -0.17 0.00	18.55 -0.45 0.00	19.63 -0.54 0.00	20.07 -0.45 0.00	24.92 -0.37 0.55	22.80 -0.37 3.02	20.98 -0.18 0.67	20.31 0.14 0.00	21.42 0.31 0.00	22.99 0.42 0.00	24.49 0.56 0.00	23.77 0.53 0.00	27.47 0.59 0.40	23.14 0.27 0.01	24.31 0.02 0.09	28.28 0.02 0.69	35.04 -0.06 1.88	36.70 0.62 1.05	32.71 0.57 1.05	30.31 0.14 1.01	29.91 -0.07 1.07	26.14 0.00 0.39	22.51 0.02 0.02
HUNTLEY___64 23558	28.56 -0.18 0.00	24.09 -0.17 0.00	18.55 -0.45 0.00	19.63 -0.54 0.00	20.07 -0.45 0.00	24.92 -0.37 0.55	22.80 -0.37 3.02	20.98 -0.18 0.67	20.31 0.14 0.00	21.42 0.31 0.00	22.99 0.42 0.00	24.49 0.56 0.00	23.77 0.53 0.00	27.47 0.59 0.40	23.14 0.27 0.01	24.31 0.02 0.09	28.28 0.02 0.69	35.04 -0.06 1.88	36.70 0.62 1.05	32.71 0.57 1.05	30.31 0.14 1.01	29.91 -0.07 1.07	26.14 0.00 0.39	22.51 0.02 0.02
HUNTLEY___65 23559	28.56 -0.18 0.00	24.09 -0.17 0.00	18.55 -0.45 0.00	19.63 -0.54 0.00	20.07 -0.45 0.00	24.92 -0.37 0.55	22.80 -0.37 3.02	20.98 -0.18 0.67	20.31 0.14 0.00	21.42 0.31 0.00	22.99 0.42 0.00	24.49 0.56 0.00	23.77 0.53 0.00	27.47 0.59 0.40	23.14 0.27 0.01	24.31 0.02 0.09	28.28 0.02 0.69	35.04 -0.06 1.88	36.70 0.62 1.05	32.71 0.57 1.05	30.31 0.14 1.01	29.91 -0.07 1.07	26.14 0.00 0.39	22.51 0.02 0.02
HUNTLEY___66 23560	28.56 -0.18 0.00	24.09 -0.17 0.00	18.55 -0.45 0.00	19.63 -0.54 0.00	20.07 -0.45 0.00	24.92 -0.37 0.55	22.80 -0.37 3.02	20.98 -0.18 0.67	20.31 0.14 0.00	21.42 0.31 0.00	22.99 0.42 0.00	24.49 0.56 0.00	23.77 0.53 0.00	27.47 0.59 0.40	23.14 0.27 0.01	24.31 0.02 0.09	28.28 0.02 0.69	35.04 -0.06 1.88	36.70 0.62 1.05	32.71 0.57 1.05	30.31 0.14 1.01	29.91 -0.07 1.07	26.14 0.00 0.39	22.51 0.02 0.02
HUNTLEY___67 23561	28.35 -0.39 0.00	23.87 -0.39 0.00	18.41 -0.59 0.00	19.49 -0.68 0.00	19.92 -0.59 0.00	24.76 -0.54 0.55	22.72 -0.48 2.99	20.89 -0.28 0.67	20.20 0.03 0.00	21.29 0.18 0.00	22.82 0.26 0.00	24.30 0.36 0.00	23.55 0.32 0.00	27.21 0.33 0.40	22.92 0.05 0.01	24.12 -0.17 0.09	28.11 -0.16 0.68	34.84 -0.28 1.87	36.43 0.34 1.04	32.45 0.30 1.04	30.08 -0.10 1.01	29.68 -0.31 1.06	25.91 -0.23 0.38	22.34 -0.16 0.02



HUNTLEY___68 23562	28.35 -0.39 0.00	23.87 -0.39 0.00	18.41 -0.59 0.00	19.49 -0.68 0.00	19.92 -0.59 0.00	24.76 -0.54 0.55	22.72 -0.48 2.99	20.89 -0.28 0.67	20.20 0.03 0.00	21.29 0.18 0.00	22.82 0.26 0.00	24.30 0.36 0.00	23.55 0.32 0.00	27.21 0.33 0.40	22.92 0.05 0.01	24.12 -0.17 0.09	28.11 -0.16 0.68	34.84 -0.28 1.87	36.43 0.34 1.04	32.45 0.30 1.04	30.08 -0.10 1.01	29.68 -0.31 1.06	25.91 -0.23 0.38	22.34 -0.16 0.02
HYLAND___LFGE 323620	29.84 1.11 0.00	24.87 0.61 0.00	19.22 0.22 0.00	20.42 0.25 0.00	20.84 0.33 0.00	26.02 0.65 0.48	24.54 0.97 2.62	22.14 0.89 0.59	21.17 0.99 0.00	22.04 0.94 0.00	23.38 0.81 0.00	24.50 0.56 0.00	23.38 0.15 0.00	27.06 0.13 0.35	22.88 0.01 0.01	24.60 0.29 0.08	28.51 0.16 0.59	35.63 0.29 1.63	36.28 0.06 0.91	32.96 0.68 0.91	31.22 0.91 0.88	30.84 0.72 0.93	27.23 1.04 0.33	23.34 0.84 0.02
INDECK___CORINTH 23802	29.40 0.66 0.00	24.98 0.72 0.00	19.68 0.68 0.00	20.94 0.77 0.00	21.34 0.82 0.00	26.87 1.02 0.00	27.21 1.02 0.00	22.61 0.77 0.00	20.77 0.60 0.00	21.63 0.53 0.00	23.06 0.49 0.00	24.49 0.55 0.00	23.81 0.57 0.00	28.24 0.95 0.00	23.88 1.01 0.00	25.54 1.16 0.00	30.20 1.25 0.00	38.77 1.79 0.00	39.11 1.98 0.00	34.85 1.67 0.00	33.02 1.82 0.00	32.75 1.70 0.00	27.82 1.30 0.00	23.55 1.03 0.00
INDECK___ILION 23567	29.06 0.33 0.00	24.54 0.28 0.00	19.29 0.29 0.00	20.52 0.35 0.00	20.88 0.36 0.00	26.30 0.45 0.00	26.59 0.40 0.00	22.06 0.23 0.00	20.27 0.09 0.00	21.12 0.01 0.00	22.59 0.02 0.00	23.96 0.02 0.00	23.29 0.06 0.00	27.51 0.23 0.00	23.20 0.33 0.00	24.76 0.38 0.00	29.47 0.53 0.00	37.70 0.72 0.00	38.07 0.94 0.00	34.12 0.92 -0.02	32.83 0.96 -0.67	32.01 0.95 -0.01	27.09 0.57 0.00	22.91 0.39 0.00
INDECK___OLEAN 23982	28.89 0.90 0.75	24.82 0.56 0.00	19.17 0.16 0.00	20.45 0.28 0.00	20.87 0.36 0.00	26.14 0.76 0.47	23.55 1.06 3.70	22.35 1.08 0.57	21.19 1.32 0.30	22.27 1.39 0.23	23.47 1.41 0.51	25.43 1.50 0.00	24.50 1.27 0.00	28.40 1.46 0.34	23.83 0.97 0.01	25.13 0.82 0.08	29.43 1.06 0.58	36.40 1.03 1.60	37.54 1.30 0.90	33.20 0.90 0.89	30.94 0.61 0.87	30.81 0.67 0.91	26.94 0.75 0.33	23.25 0.75 0.02
INDECK___OSWEGO 23783	28.21 -0.53 0.00	23.75 -0.51 0.00	18.55 -0.45 0.00	19.70 -0.47 0.00	20.05 -0.46 0.00	26.10 -0.51 -0.76	29.84 -0.51 -4.16	22.35 -0.42 -0.93	19.81 -0.36 0.00	20.76 -0.35 0.00	22.20 -0.37 0.00	23.44 -0.50 0.00	22.70 -0.53 0.00	27.41 -0.43 -0.55	22.68 -0.21 -0.01	24.09 -0.41 -0.12	29.43 -0.46 -0.94	38.94 -0.63 -2.58	37.94 -0.64 -1.45	34.05 -0.56 -1.43	31.67 -0.53 -1.01	31.92 -0.59 -1.46	26.49 -0.56 -0.53	22.15 -0.40 -0.03
INDECK___YERKES 23781	28.13 -0.08 0.52	24.10 -0.15 0.00	18.57 -0.43 0.00	19.65 -0.52 0.00	20.09 -0.42 0.00	24.95 -0.35 0.55	22.07 -0.32 3.80	21.03 -0.14 0.67	20.16 0.19 0.20	21.28 0.34 0.16	22.67 0.45 0.35	24.53 0.60 0.00	23.81 0.57 0.00	27.51 0.62 0.40	23.17 0.30 0.01	24.35 0.06 0.09	28.33 0.07 0.69	35.09 0.00 1.88	36.77 0.69 1.05	32.75 0.60 1.05	30.37 0.19 1.01	29.96 -0.02 1.07	26.16 0.03 0.39	22.53 0.04 0.02
INDIAN POINT_GT_1 24139	30.02 1.28 0.00	25.31 1.05 0.00	19.89 0.89 0.00	21.21 1.04 0.00	21.57 1.06 0.00	27.24 1.39 0.00	27.71 1.52 0.00	23.12 1.28 0.00	21.26 1.09 0.00	22.24 1.14 0.00	23.74 1.18 0.00	25.16 1.22 0.00	24.40 1.16 0.00	29.01 1.73 0.00	24.69 1.81 0.00	26.43 2.04 0.00	31.48 2.53 0.00	40.30 3.32 0.00	40.25 3.12 0.00	35.74 2.56 0.00	33.61 2.42 0.00	33.43 2.38 0.00	28.21 1.69 0.00	23.90 1.38 0.00
INDIAN POINT_GT_2 23659	30.02 1.28 0.00	25.31 1.05 0.00	19.89 0.89 0.00	21.21 1.04 0.00	21.57 1.06 0.00	27.24 1.39 0.00	27.71 1.52 0.00	23.12 1.28 0.00	21.26 1.09 0.00	22.24 1.14 0.00	23.74 1.18 0.00	25.16 1.22 0.00	24.40 1.16 0.00	29.01 1.73 0.00	24.69 1.81 0.00	26.43 2.04 0.00	31.48 2.53 0.00	40.30 3.32 0.00	40.25 3.12 0.00	35.74 2.56 0.00	33.61 2.42 0.00	33.43 2.38 0.00	28.21 1.69 0.00	23.90 1.38 0.00
INDIAN POINT_GT_3 24019	30.02 1.28 0.00	25.31 1.05 0.00	19.89 0.89 0.00	21.21 1.04 0.00	21.57 1.06 0.00	27.24 1.39 0.00	27.71 1.52 0.00	23.12 1.28 0.00	21.26 1.09 0.00	22.24 1.14 0.00	23.74 1.18 0.00	25.16 1.22 0.00	24.40 1.16 0.00	29.01 1.73 0.00	24.69 1.81 0.00	26.43 2.04 0.00	31.48 2.53 0.00	40.30 3.32 0.00	40.25 3.12 0.00	35.74 2.56 0.00	33.61 2.42 0.00	33.43 2.38 0.00	28.21 1.69 0.00	23.90 1.38 0.00
INDIAN POINT___2 23530	29.97 1.23 0.00	25.28 1.02 0.00	19.86 0.86 0.00	21.18 1.01 0.00	21.54 1.03 0.00	27.21 1.36 0.00	27.67 1.48 0.00	23.09 1.25 0.00	21.24 1.06 0.00	22.23 1.13 0.00	23.72 1.16 0.00	25.14 1.20 0.00	24.37 1.14 0.00	28.99 1.70 0.00	24.67 1.79 0.00	26.40 2.02 0.00	31.45 2.51 0.00	40.26 3.29 0.00	40.18 3.05 0.00	35.68 2.49 0.00	33.55 2.36 0.00	33.36 2.31 0.00	28.16 1.64 0.00	23.87 1.35 0.00
INDIAN POINT___3 23531	29.98 1.24 0.00	25.28 1.02 0.00	19.87 0.87 0.00	21.19 1.02 0.00	21.55 1.04 0.00	27.21 1.36 0.00	27.67 1.48 0.00	23.08 1.25 0.00	21.23 1.06 0.00	22.21 1.11 0.00	23.70 1.14 0.00	25.11 1.17 0.00	24.35 1.12 0.00	28.96 1.67 0.00	24.65 1.77 0.00	26.38 2.00 0.00	31.42 2.47 0.00	40.22 3.24 0.00	40.15 3.02 0.00	35.65 2.46 0.00	33.53 2.34 0.00	33.35 2.30 0.00	28.15 1.63 0.00	23.85 1.33 0.00
INGHAM_C_115KV_TB7 356103	29.17 0.44 0.00	24.65 0.39 0.00	19.44 0.44 0.00	20.71 0.54 0.00	21.09 0.58 0.00	26.55 0.70 0.00	26.80 0.61 0.00	22.09 0.25 0.00	20.14 -0.03 0.00	20.86 -0.25 0.00	22.31 -0.26 0.00	23.67 -0.26 0.00	23.05 -0.18 0.00	27.36 0.07 0.00	23.20 0.32 0.00	24.77 0.39 0.00	29.54 0.59 0.00	37.83 0.85 0.00	38.52 1.38 0.00	34.65 1.44 -0.02	33.46 1.59 -0.67	32.64 1.57 -0.01	27.46 0.94 0.00	23.13 0.61 0.00
IP CORINTH___1 23988	29.56 0.82 0.00	25.11 0.85 0.00	19.78 0.77 0.00	21.05 0.88 0.00	21.45 0.94 0.00	27.01 1.17 0.00	27.36 1.17 0.00	22.73 0.89 0.00	20.88 0.71 0.00	21.75 0.64 0.00	23.19 0.62 0.00	24.64 0.70 0.00	23.95 0.72 0.00	28.41 1.12 0.00	24.02 1.14 0.00	25.69 1.31 0.00	30.38 1.43 0.00	38.99 2.01 0.00	39.34 2.21 0.00	35.05 1.86 0.00	33.20 2.01 0.00	32.93 1.89 0.00	27.98 1.46 0.00	23.67 1.15 0.00
IP___TICONDEROGA 23804	30.89 2.15 0.00	26.21 1.95 0.00	20.63 1.63 0.00	21.98 1.81 0.00	22.42 1.91 0.00	28.29 2.44 0.00	28.68 2.49 0.00	23.84 2.00 0.00	21.79 1.62 0.00	22.67 1.56 0.00	24.21 1.64 0.00	25.74 1.80 0.00	25.07 1.84 0.00	29.78 2.50 0.00	25.11 2.23 0.00	26.96 2.58 0.00	31.98 3.04 0.00	41.02 4.04 0.00	41.53 4.40 0.00	37.22 4.04 0.00	35.23 4.04 0.00	34.91 3.86 0.00	29.55 3.03 0.00	24.88 2.36 0.00

ISLIP_RES_REC 323679	30.53 1.80 0.00	25.77 1.51 0.00	20.22 1.21 0.00	21.53 1.36 0.00	21.11 1.41 0.81	24.33 2.09 3.61	26.12 2.07 2.14	23.69 1.86 0.00	20.76 1.58 0.99	20.05 1.80 2.86	21.86 1.67 2.37	23.44 1.84 2.34	22.62 1.68 2.29	27.37 2.21 2.12	22.77 2.34 2.43	24.48 2.53 2.43	30.05 3.00 1.90	38.80 3.44 1.62	38.31 3.60 2.42	33.56 2.86 2.49	32.12 2.86 1.93	31.64 3.32 2.73	25.86 2.41 3.08	21.62 2.03 2.93
JAMAICA__27_KV_LOAD 355505	30.52 1.78 0.00	25.71 1.45 0.00	20.23 1.22 0.00	21.61 1.45 0.00	21.96 1.45 0.00	27.72 1.87 0.00	30.38 1.93 -2.26	203.18 1.62 -179.73	184.82 1.39 -163.25	53.21 1.43 -30.67	48.90 1.50 -24.83	52.59 1.56 -27.10	57.99 1.50 -33.26	56.13 2.08 -26.76	69.61 2.10 -44.63	93.91 2.35 -67.18	92.27 2.82 -60.49	40.75 3.77 0.00	40.68 3.55 0.00	36.16 2.97 0.00	33.98 2.79 0.00	33.82 2.77 0.00	28.71 2.19 0.00	24.28 1.76 0.00
JANIS__SOLAR 323808	30.04 1.12 -0.18	25.16 0.90 0.00	19.56 0.55 0.00	20.80 0.63 0.00	21.27 0.75 0.00	26.84 1.14 0.14	26.97 1.27 0.49	22.73 1.06 0.17	21.11 0.87 -0.07	21.97 0.81 -0.05	23.50 0.81 -0.12	24.78 0.84 0.00	24.12 0.89 0.00	28.31 1.13 0.10	23.86 0.99 0.00	25.47 1.10 0.02	30.65 1.88 0.17	39.04 2.53 0.48	39.51 2.64 0.27	35.40 2.47 0.27	33.14 2.20 0.26	32.91 2.13 0.27	27.90 1.48 0.10	23.49 0.98 0.01
JARVIS____ 23743	28.89 0.15 0.00	24.41 0.15 0.00	19.15 0.14 0.00	20.33 0.17 0.00	20.69 0.18 0.00	26.06 0.21 0.00	26.38 0.19 0.00	21.98 0.14 0.00	20.29 0.12 0.00	21.21 0.11 0.00	22.68 0.11 0.00	24.06 0.12 0.00	23.35 0.12 0.00	27.49 0.21 0.00	23.11 0.23 0.00	24.64 0.25 0.00	29.29 0.35 0.00	37.42 0.45 0.00	37.59 0.45 0.00	33.62 0.42 -0.02	32.27 0.41 -0.67	31.46 0.40 -0.01	26.74 0.22 0.00	22.70 0.18 0.00
JENNISON__1 23625	29.31 0.57 0.00	24.86 0.60 0.00	19.40 0.40 0.00	20.71 0.55 0.00	21.21 0.70 0.00	26.75 1.03 0.13	26.68 1.17 0.68	22.77 1.09 0.15	21.24 1.07 0.00	22.27 1.17 0.00	23.80 1.23 0.00	25.17 1.23 0.00	24.39 1.16 0.00	28.66 1.47 0.09	24.10 1.22 0.00	25.73 1.37 0.02	30.58 1.79 0.15	38.64 2.08 0.42	39.27 2.37 0.24	34.92 1.97 0.24	32.57 1.61 0.23	32.72 1.92 0.24	27.55 1.11 0.09	23.11 0.60 0.01
JENNISON__2 23626	29.31 0.57 0.00	24.86 0.60 0.00	19.40 0.40 0.00	20.71 0.55 0.00	21.21 0.70 0.00	26.75 1.03 0.13	26.68 1.17 0.68	22.77 1.09 0.15	21.24 1.07 0.00	22.27 1.17 0.00	23.80 1.23 0.00	25.17 1.23 0.00	24.39 1.16 0.00	28.66 1.47 0.09	24.10 1.22 0.00	25.73 1.37 0.02	30.58 1.79 0.15	38.64 2.08 0.42	39.27 2.37 0.24	34.92 1.97 0.24	32.57 1.61 0.23	32.72 1.92 0.24	27.55 1.11 0.09	23.11 0.60 0.01
JERICHO_RISE_WT_PWR 323719	29.04 0.31 0.00	24.48 0.22 0.00	18.83 -0.18 0.00	19.70 -0.47 0.00	19.95 -0.57 0.00	25.13 -0.72 0.00	25.98 -0.22 0.00	21.88 0.04 0.00	20.25 0.08 0.00	21.29 0.18 0.00	22.76 0.20 0.00	24.22 0.28 0.00	23.49 0.26 0.00	27.20 -0.08 0.00	22.60 -0.27 0.00	24.12 -0.27 0.00	28.32 -0.63 0.00	36.20 -0.78 0.00	36.49 -0.64 0.00	32.04 -0.78 0.37	12.46 -1.14 17.60	-11.35 -1.72 40.68	26.08 -0.45 0.00	21.86 -0.66 0.00
KATONAH__115KV_46KV_TB4 355592	30.20 1.46 0.00	25.46 1.20 0.00	20.01 1.01 0.00	21.34 1.17 0.00	21.70 1.19 0.00	27.38 1.54 0.00	27.86 1.67 0.00	23.25 1.41 0.00	21.39 1.21 0.00	22.38 1.28 0.00	23.93 1.36 0.00	25.36 1.43 0.00	24.61 1.37 0.00	29.26 1.98 0.00	24.89 2.02 0.00	26.65 2.27 0.00	31.74 2.80 0.00	40.64 3.67 0.00	40.63 3.50 0.00	36.11 2.92 0.00	33.92 2.73 0.00	33.74 2.69 0.00	28.46 1.94 0.00	24.08 1.56 0.00
KCE_NY_1 323755	29.83 1.10 0.00	25.25 0.99 0.00	19.89 0.89 0.00	21.16 0.99 0.00	21.54 1.03 0.00	27.14 1.30 0.00	27.48 1.28 0.00	22.82 0.99 0.00	20.96 0.79 0.00	21.83 0.72 0.00	23.30 0.73 0.00	24.72 0.79 0.00	23.99 0.76 0.00	28.45 1.17 0.00	24.05 1.18 0.00	25.69 1.31 0.00	30.53 1.58 0.00	39.16 2.19 0.00	39.51 2.38 0.00	35.34 2.15 0.00	33.31 2.11 0.00	33.08 2.03 0.00	27.98 1.46 0.00	23.69 1.17 0.00
KCE_NY_6_ESR 323823	28.27 0.10 0.57	24.17 -0.09 0.00	18.63 -0.38 0.00	19.74 -0.43 0.00	20.17 -0.34 0.00	25.13 -0.19 0.53	22.37 -0.09 3.74	21.31 0.11 0.64	20.38 0.42 0.22	21.53 0.59 0.17	22.88 0.68 0.37	24.73 0.79 0.00	23.97 0.73 0.00	27.73 0.83 0.38	23.33 0.46 0.01	24.57 0.27 0.08	28.71 0.41 0.66	35.58 0.40 1.80	37.10 0.97 1.01	33.06 0.87 1.00	30.68 0.46 0.97	30.21 0.19 1.02	26.31 0.16 0.37	22.62 0.12 0.02
KEDC_PORT_JEFF_GT2 24210	30.42 1.68 0.00	25.68 1.42 0.00	20.14 1.14 0.00	21.46 1.29 0.00	20.96 1.34 0.89	23.86 1.99 3.97	25.78 1.94 2.36	23.59 1.75 0.00	20.56 1.48 1.09	19.65 1.70 3.15	21.50 1.55 2.61	23.07 1.71 2.57	22.25 1.54 2.52	27.00 2.05 2.33	22.39 2.20 2.68	24.09 2.38 2.67	29.56 2.69 2.08	38.22 3.01 1.76	37.63 3.14 2.65	32.91 2.45 2.72	31.54 2.47 2.11	31.11 3.05 2.99	25.35 2.20 3.37	21.14 1.89 3.27
KEDC_PORT_JEFF_GT3 24211	30.42 1.68 0.00	25.68 1.42 0.00	20.14 1.14 0.00	21.46 1.29 0.00	20.96 1.34 0.89	23.86 1.99 3.97	25.78 1.94 2.36	23.59 1.75 0.00	20.56 1.48 1.09	19.65 1.70 3.15	21.50 1.55 2.61	23.07 1.71 2.57	22.25 1.54 2.52	27.00 2.05 2.33	22.39 2.20 2.68	24.09 2.38 2.67	29.56 2.69 2.08	38.22 3.01 1.76	37.63 3.14 2.65	32.91 2.45 2.72	31.54 2.47 2.11	31.11 3.05 2.99	25.35 2.20 3.37	21.14 1.89 3.27
KEDC_GLWD_GT4 24219	30.46 1.73 0.00	25.71 1.45 0.00	20.18 1.18 0.00	21.50 1.33 0.00	23.74 1.35 -1.87	36.06 1.82 -8.39	33.02 1.85 -4.98	23.42 1.57 -0.01	23.88 1.40 -2.31	29.31 1.55 -6.65	29.64 1.55 -5.52	31.06 1.69 -5.43	30.12 1.57 -5.32	34.36 2.15 -4.92	30.76 2.22 -5.66	32.10 2.39 -5.33	35.67 2.77 -3.95	43.57 3.50 -3.10	45.53 3.43 -4.96	41.12 2.75 -5.18	37.88 2.66 -4.02	39.70 2.95 -5.70	35.13 2.19 -6.42	32.31 1.82 -7.96
KEDC_GLWD_GT5 24220	30.46 1.73 0.00	25.71 1.45 0.00	20.18 1.18 0.00	21.50 1.33 0.00	23.74 1.35 -1.87	36.06 1.82 -8.39	33.02 1.85 -4.98	23.42 1.57 -0.01	23.88 1.40 -2.31	29.31 1.55 -6.65	29.64 1.55 -5.52	31.06 1.69 -5.43	30.12 1.57 -5.32	34.36 2.15 -4.92	30.76 2.22 -5.66	32.10 2.39 -5.33	35.67 2.77 -3.95	43.57 3.50 -3.10	45.53 3.43 -4.96	41.12 2.75 -5.18	37.88 2.66 -4.02	39.70 2.95 -5.70	35.13 2.19 -6.42	32.31 1.82 -7.96
KENSICO____ 23655	30.12 1.39 0.00	25.40 1.14 0.00	19.96 0.96 0.00	21.29 1.12 0.00	21.65 1.13 0.00	27.33 1.49 0.00	27.81 1.62 0.00	23.21 1.37 0.00	21.34 1.17 0.00	22.32 1.22 0.00	23.84 1.28 0.00	25.26 1.33 0.00	24.50 1.27 0.00	29.12 1.84 0.00	24.78 1.90 0.00	26.52 2.14 0.00	31.57 2.62 0.00	40.44 3.46 0.00	40.39 3.26 0.00	35.88 2.69 0.00	33.74 2.55 0.00	33.56 2.51 0.00	28.32 1.80 0.00	23.99 1.47 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.19 1.45 0.00	25.53 1.27 0.00	20.03 1.02 0.00	21.36 1.20 0.00	21.72 1.21 0.00	27.46 1.61 0.00	27.96 1.77 0.00	23.36 1.52 0.00	21.46 1.29 0.00	22.39 1.28 0.00	23.88 1.31 0.00	25.25 1.31 0.00	24.42 1.19 0.00	28.70 1.42 0.00	24.48 1.60 0.00	26.20 1.81 0.00	31.38 2.44 0.00	40.61 3.63 0.00	40.35 3.21 0.00	35.90 2.71 0.00	33.82 2.63 0.00	34.10 3.05 0.00	28.71 2.19 0.00	24.24 1.72 0.00
KIAC_JFK_GT1 23816	30.34 1.60 0.00	25.57 1.31 0.00	20.12 1.12 0.00	21.50 1.33 0.00	21.85 1.35 0.00	27.57 1.72 0.00	30.20 1.75 -2.26	203.04 1.47 -179.73	184.68 1.25 -163.25	53.06 1.29 -30.67	48.75 1.35 -24.83	52.40 1.37 -27.10	57.75 1.25 -33.26	55.84 1.80 -26.76	69.37 1.87 -44.63	93.66 2.10 -67.18	91.96 2.52 -60.49	40.35 3.37 0.00	40.27 3.14 0.00	35.80 2.61 0.00	33.64 2.45 0.00	33.48 2.44 0.00	28.53 2.01 0.00	24.14 1.62 0.00
KIAC_JFK_GT2 23817	30.34 1.60 0.00	25.57 1.31 0.00	20.12 1.12 0.00	21.50 1.33 0.00	21.85 1.35 0.00	27.57 1.72 0.00	30.20 1.75 -2.26	203.04 1.47 -179.73	184.68 1.25 -163.25	53.06 1.29 -30.67	48.75 1.35 -24.83	52.40 1.37 -27.10	57.75 1.25 -33.26	55.84 1.80 -26.76	69.37 1.87 -44.63	93.66 2.10 -67.18	91.96 2.52 -60.49	40.35 3.37 0.00	40.27 3.14 0.00	35.80 2.61 0.00	33.64 2.45 0.00	33.48 2.44 0.00	28.53 2.01 0.00	24.14 1.62 0.00
KIAC_JFK____ 323774	30.33 1.59 0.00	25.57 1.31 0.00	20.12 1.12 0.00	21.50 1.33 0.00	21.85 1.34 0.00	27.57 1.72 0.00	30.20 1.75 -2.26	203.04 1.47 -179.73	184.67 1.24 -163.25	53.07 1.30 -30.67	48.76 1.36 -24.83	52.41 1.38 -27.10	57.75 1.25 -33.26	55.84 1.80 -26.76	69.37 1.87 -44.63	93.66 2.10 -67.18	91.96 2.52 -60.49	40.34 3.37 0.00	40.27 3.13 0.00	35.79 2.61 0.00	33.64 2.45 0.00	33.49 2.45 0.00	28.53 2.00 0.00	24.15 1.63 0.00
KINTIGH____ 23543	28.23 -0.51 0.00	23.80 -0.45 0.00	18.40 -0.61 0.00	19.48 -0.68 0.00	19.90 -0.61 0.00	24.65 -0.59 0.61	22.31 -0.54 3.35	20.72 -0.37 0.75	20.06 -0.11 0.00	21.12 0.01 0.00	22.64 0.07 0.00	24.11 0.18 0.00	23.36 0.13 0.00	26.97 0.14 0.45	22.83 -0.04 0.01	24.07 -0.21 0.10	27.95 -0.24 0.76	34.51 -0.39 2.08	36.10 0.13 1.16	32.15 0.12 1.16	29.84 -0.22 1.12	29.48 -0.39 1.18	25.78 -0.32 0.43	22.26 -0.24 0.03
KNTFSRNC_46_KV_46KV_LOAD 80397	29.68 0.94 0.00	25.00 0.74 0.00	19.14 0.14 0.00	20.01 -0.16 0.00	20.24 -0.27 0.00	25.43 -0.42 0.00	26.44 0.25 0.00	22.36 0.52 0.00	20.72 0.54 0.00	21.78 0.67 0.00	23.32 0.75 0.00	24.82 0.88 0.00	24.09 0.86 0.00	27.87 0.58 0.00	23.18 0.30 0.00	24.71 0.32 0.00	28.89 -0.06 0.00	37.04 0.06 0.00	37.49 0.36 0.00	32.80 -0.01 0.37	12.96 -0.64 17.59	-9.46 -1.56 38.96	26.64 0.12 0.00	22.27 -0.25 0.00
LACHUTE____HYDRO 323717	30.89 2.15 0.00	26.21 1.95 0.00	20.63 1.63 0.00	21.98 1.81 0.00	22.42 1.91 0.00	28.28 2.44 0.00	28.68 2.49 0.00	23.84 2.00 0.00	21.79 1.62 0.00	22.67 1.56 0.00	24.21 1.64 0.00	25.73 1.80 0.00	25.07 1.84 0.00	29.78 2.50 0.00	25.11 2.24 0.00	26.96 2.58 0.00	31.98 3.03 0.00	41.02 4.04 0.00	41.53 4.39 0.00	37.22 4.03 0.00	35.23 4.04 0.00	34.91 3.86 0.00	29.55 3.03 0.00	24.89 2.37 0.00
LAWRNCALV_115KV_TB1 80681	28.94 0.20 0.00	24.36 0.10 0.00	18.96 -0.04 0.00	20.00 -0.17 0.00	20.29 -0.22 0.00	25.63 -0.21 0.00	26.17 -0.02 0.00	21.86 0.03 0.00	20.20 0.03 0.00	21.19 0.08 0.00	22.61 0.04 0.00	24.01 0.07 0.00	23.27 0.04 0.00	27.08 -0.20 0.00	22.50 -0.37 0.00	23.96 -0.43 0.00	27.90 -1.05 0.00	35.39 -1.59 0.00	35.64 -1.49 0.00	31.57 -1.30 0.32	18.98 -1.18 11.03	34.57 -0.65 -4.17	26.36 -0.17 0.00	22.30 -0.22 0.00
LEDERLE____ 23769	30.09 1.35 0.00	25.35 1.09 0.00	19.90 0.89 0.00	21.23 1.06 0.00	21.58 1.07 0.00	27.27 1.42 0.00	27.74 1.55 0.00	23.15 1.31 0.00	21.33 1.16 0.00	22.33 1.23 0.00	23.80 1.23 0.00	25.21 1.27 0.00	24.45 1.22 0.00	29.11 1.83 0.00	24.81 1.93 0.00	26.57 2.18 0.00	31.65 2.70 0.00	40.51 3.53 0.00	40.38 3.25 0.00	35.80 2.62 0.00	33.66 2.47 0.00	33.44 2.39 0.00	28.21 1.69 0.00	23.90 1.38 0.00
LIGHTHSE_115KV_TB6 355974	28.57 -0.17 0.00	23.95 -0.31 0.00	18.67 -0.33 0.00	19.80 -0.36 0.00	20.15 -0.36 0.00	25.81 -0.24 -0.20	27.09 -0.20 -1.10	21.91 -0.17 -0.24	20.03 -0.14 0.00	21.03 -0.07 0.00	22.51 -0.06 0.00	23.88 -0.05 0.00	23.16 -0.07 0.00	27.37 -0.06 -0.14	22.94 0.06 -0.03	24.45 0.03 -0.03	29.28 0.09 -0.24	37.66 0.01 -0.67	37.47 -0.04 -0.37	33.57 0.04 -0.35	30.73 0.20 0.66	31.49 0.08 -0.36	26.56 -0.10 -0.14	22.32 -0.21 -0.01
LINDEN COGEN____ 23786	30.21 1.48 0.00	25.48 1.22 0.00	20.03 1.03 0.00	21.36 1.19 0.00	21.72 1.21 0.00	27.45 1.60 0.00	30.20 1.76 -2.26	203.05 1.49 -179.73	184.65 1.22 -163.25	53.04 1.27 -30.67	48.72 1.31 -24.83	52.40 1.36 -27.10	57.79 1.30 -33.26	55.89 1.85 -26.76	69.43 1.92 -44.63	93.72 2.16 -67.18	92.10 2.65 -60.49	40.56 3.58 0.00	40.55 3.41 0.00	36.07 2.88 0.00	33.93 2.74 0.00	33.78 2.73 0.00	28.51 1.99 0.00	24.15 1.64 0.00
LINDHRST_69_KV_BK1 356055	30.60 1.86 0.00	25.81 1.55 0.00	20.25 1.25 0.00	21.57 1.41 0.00	22.25 1.45 -0.29	29.24 2.08 -1.31	29.02 2.05 -0.78	23.63 1.79 0.00	22.11 1.57 -0.36	23.88 1.73 -1.04	25.13 1.70 -0.86	26.64 1.86 -0.85	25.75 1.68 -0.83	30.23 2.18 -0.77	26.04 2.28 -0.89	27.60 2.46 -0.77	32.46 3.00 -0.52	40.50 3.53 0.00	41.33 3.68 -0.52	36.83 2.96 -0.68	34.65 2.93 -0.53	35.14 3.34 -0.76	29.83 2.46 -0.85	26.17 2.08 -1.58
LIPA_MISC_IPP 23656	30.25 1.51 0.00	25.53 1.27 0.00	20.03 1.02 0.00	21.33 1.16 0.00	20.80 1.21 0.92	23.54 1.83 4.13	25.55 1.81 2.45	23.52 1.68 0.00	20.43 1.39 1.13	19.38 1.56 3.28	21.27 1.42 2.72	22.81 1.55 2.68	22.00 1.39 2.62	26.72 1.86 2.42	22.11 2.02 2.79	23.81 2.20 2.77	29.43 2.64 2.15	38.17 3.01 1.82	37.61 3.22 2.74	32.85 2.48 2.82	31.52 2.52 2.19	30.91 2.97 3.10	25.15 2.12 3.49	20.90 1.79 3.41
LISF____SOLAR 323691	30.28 1.54 0.00	25.56 1.30 0.00	20.05 1.05 0.00	21.36 1.19 0.00	20.84 1.24 0.91	23.65 1.87 4.07	25.62 1.84 2.41	23.54 1.71 0.00	20.45 1.39 1.12	19.47 1.60 3.23	21.30 1.41 2.68	22.85 1.54 2.63	22.02 1.36 2.58	26.75 1.85 2.39	22.17 2.04 2.75	23.86 2.21 2.73	29.46 2.63 2.12	38.20 3.02 1.80	37.64 3.21 2.71	32.92 2.52 2.78	31.60 2.57 2.16	31.03 3.04 3.06	25.24 2.16 3.44	21.00 1.83 3.35
LITTLE FALLS____HYD 24013	29.17 0.44 0.00	24.65 0.39 0.00	19.44 0.44 0.00	20.71 0.54 0.00	21.09 0.58 0.00	26.55 0.70 0.00	26.80 0.61 0.00	22.09 0.25 0.00	20.14 -0.03 0.00	20.86 -0.25 0.00	22.31 -0.26 0.00	23.67 -0.26 0.00	23.05 -0.18 0.00	27.36 0.07 0.00	23.20 0.32 0.00	24.77 0.39 0.00	29.54 0.59 0.00	37.83 0.85 0.00	38.52 1.38 0.00	34.65 1.44 -0.02	33.46 1.59 -0.67	32.64 1.57 -0.01	27.46 0.94 0.00	23.13 0.61 0.00

LITTLRIV_115KV_TB1 356100	29.30 0.56 0.00	24.66 0.40 0.00	19.19 0.19 0.00	20.23 0.06 0.00	20.54 0.03 0.00	25.96 0.11 0.00	26.55 0.36 0.00	22.14 0.30 0.00	20.39 0.21 0.00	21.36 0.25 0.00	22.77 0.20 0.00	24.17 0.23 0.00	23.42 0.19 0.00	27.25 -0.03 0.00	22.62 -0.26 0.00	24.11 -0.27 0.00	28.08 -0.87 0.00	35.71 -1.27 0.00	36.04 -1.09 0.00	32.13 -0.75 0.31	19.75 -0.71 10.73	35.50 -0.20 -4.65	26.73 0.20 0.00	22.58 0.06 0.00
LI_NEWBRDGE___DRP 323616	30.20 1.47 0.00	25.49 1.23 0.00	20.02 1.01 0.00	21.33 1.16 0.00	20.19 1.19 1.51	20.83 1.74 6.76	23.86 1.69 4.01	23.28 1.45 0.01	19.62 1.31 1.86	17.20 1.45 5.36	19.50 1.38 4.45	21.09 1.53 4.38	20.32 1.37 4.29	25.13 1.81 3.96	20.29 1.98 4.56	22.01 2.11 4.48	28.09 2.59 3.44	37.23 3.09 2.84	35.97 3.20 4.36	31.18 2.51 4.52	30.18 2.49 3.51	28.90 2.82 4.97	22.94 2.01 5.59	18.44 1.74 5.82
LOCKPORT_115KV_TB60_63_64 80432	28.30 -0.44 0.00	23.87 -0.38 0.00	18.40 -0.60 0.00	19.46 -0.70 0.00	19.90 -0.61 0.00	24.68 -0.60 0.57	22.54 -0.58 3.08	20.79 -0.36 0.69	20.12 -0.05 0.00	21.19 0.08 0.00	22.73 0.17 0.00	24.23 0.29 0.00	23.50 0.26 0.00	27.14 0.27 0.41	22.92 0.05 0.01	24.13 -0.16 0.09	28.00 -0.25 0.70	34.60 -0.45 1.93	36.30 0.24 1.08	32.40 0.29 1.07	30.04 -0.11 1.04	29.63 -0.32 1.09	25.93 -0.19 0.39	22.36 -0.13 0.03
LOCKPORT___CC1 323769	27.88 -0.38 0.47	23.85 -0.41 0.00	18.39 -0.62 0.00	19.45 -0.72 0.00	19.88 -0.63 0.00	24.68 -0.61 0.56	21.86 -0.56 3.77	20.80 -0.35 0.68	19.96 -0.02 0.19	21.04 0.08 0.15	22.41 0.16 0.32	24.22 0.28 0.00	23.48 0.25 0.00	27.13 0.25 0.41	22.89 0.02 0.01	24.10 -0.19 0.09	28.00 -0.25 0.70	34.61 -0.45 1.92	36.29 0.23 1.07	32.37 0.25 1.07	30.02 -0.14 1.03	29.61 -0.35 1.09	25.90 -0.23 0.39	22.34 -0.16 0.03
LOCKPORT___CC2 323770	27.88 -0.38 0.47	23.85 -0.41 0.00	18.39 -0.62 0.00	19.45 -0.72 0.00	19.88 -0.63 0.00	24.68 -0.61 0.56	21.86 -0.56 3.77	20.80 -0.35 0.68	19.96 -0.02 0.19	21.04 0.08 0.15	22.41 0.16 0.32	24.22 0.28 0.00	23.48 0.25 0.00	27.13 0.25 0.41	22.89 0.02 0.01	24.10 -0.19 0.09	28.00 -0.25 0.70	34.61 -0.45 1.92	36.29 0.23 1.07	32.37 0.25 1.07	30.02 -0.14 1.03	29.61 -0.35 1.09	25.90 -0.23 0.39	22.34 -0.16 0.03
LOCKPORT___CC3 323771	27.88 -0.38 0.47	23.85 -0.41 0.00	18.39 -0.62 0.00	19.45 -0.72 0.00	19.88 -0.63 0.00	24.68 -0.61 0.56	21.86 -0.56 3.77	20.80 -0.35 0.68	19.96 -0.02 0.19	21.04 0.08 0.15	22.41 0.16 0.32	24.22 0.28 0.00	23.48 0.25 0.00	27.13 0.25 0.41	22.89 0.02 0.01	24.10 -0.19 0.09	28.00 -0.25 0.70	34.61 -0.45 1.92	36.29 0.23 1.07	32.37 0.25 1.07	30.02 -0.14 1.03	29.61 -0.35 1.09	25.90 -0.23 0.39	22.34 -0.16 0.03
LONG_LAKE_PHOENIX 24014	28.35 -0.39 0.00	23.87 -0.38 0.00	18.65 -0.36 0.00	19.81 -0.36 0.00	20.17 -0.34 0.00	25.89 -0.37 -0.42	28.11 -0.36 -2.28	22.07 -0.27 -0.51	19.95 -0.21 0.00	20.91 -0.20 0.00	22.38 -0.19 0.00	23.70 -0.24 0.00	22.99 -0.24 0.00	27.45 -0.14 -0.31	22.82 -0.06 -0.01	24.37 -0.09 -0.07	29.41 -0.05 -0.52	38.38 -0.02 -1.42	37.89 -0.04 -0.79	33.94 -0.04 -0.79	31.87 -0.08 -0.77	31.67 -0.18 -0.81	26.54 -0.27 -0.29	22.29 -0.25 -0.02
LOVETT___3 23632	29.92 1.18 0.00	25.23 0.98 0.00	19.82 0.81 0.00	21.14 0.98 0.00	21.49 0.98 0.00	27.15 1.31 0.00	27.61 1.42 0.00	23.03 1.20 0.00	21.19 1.01 0.00	22.17 1.06 0.00	23.63 1.06 0.00	25.02 1.08 0.00	24.25 1.02 0.00	28.88 1.60 0.00	24.62 1.74 0.00	26.36 1.98 0.00	31.40 2.45 0.00	40.17 3.20 0.00	40.05 2.92 0.00	35.52 2.33 0.00	33.40 2.21 0.00	33.19 2.14 0.00	28.02 1.50 0.00	23.75 1.23 0.00
LOVETT___4 23642	29.92 1.18 0.00	25.23 0.98 0.00	19.82 0.81 0.00	21.14 0.98 0.00	21.49 0.98 0.00	27.15 1.31 0.00	27.61 1.42 0.00	23.03 1.20 0.00	21.19 1.01 0.00	22.17 1.06 0.00	23.63 1.06 0.00	25.02 1.08 0.00	24.25 1.02 0.00	28.88 1.60 0.00	24.62 1.74 0.00	26.36 1.98 0.00	31.40 2.45 0.00	40.17 3.20 0.00	40.05 2.92 0.00	35.52 2.33 0.00	33.40 2.21 0.00	33.19 2.14 0.00	28.02 1.50 0.00	23.75 1.23 0.00
LOVETT___5 23593	29.92 1.18 0.00	25.23 0.98 0.00	19.82 0.81 0.00	21.14 0.98 0.00	21.49 0.98 0.00	27.15 1.31 0.00	27.61 1.42 0.00	23.03 1.20 0.00	21.19 1.01 0.00	22.17 1.06 0.00	23.63 1.06 0.00	25.02 1.08 0.00	24.25 1.02 0.00	28.88 1.60 0.00	24.62 1.74 0.00	26.36 1.98 0.00	31.40 2.45 0.00	40.17 3.20 0.00	40.05 2.92 0.00	35.52 2.33 0.00	33.40 2.21 0.00	33.19 2.14 0.00	28.02 1.50 0.00	23.75 1.23 0.00
LOWER RAQUET___HYD 24057	28.97 0.23 0.00	24.38 0.12 0.00	18.97 -0.04 0.00	20.00 -0.17 0.00	20.29 -0.22 0.00	25.65 -0.20 0.00	26.20 0.01 0.00	21.89 0.05 0.00	20.22 0.05 0.00	21.21 0.11 0.00	22.64 0.07 0.00	24.04 0.10 0.00	23.29 0.06 0.00	27.10 -0.18 0.00	22.52 -0.35 0.00	23.98 -0.40 0.00	27.93 -1.02 0.00	35.35 -1.62 0.00	35.61 -1.52 0.00	31.57 -1.31 0.30	19.56 -1.19 10.45	35.51 -0.63 -5.10	26.39 -0.13 0.00	22.30 -0.22 0.00
LOWER___HUDSON 24059	29.52 0.78 0.00	25.00 0.74 0.00	19.74 0.74 0.00	21.01 0.84 0.00	21.37 0.86 0.00	26.83 0.99 0.00	27.12 0.93 0.00	22.50 0.66 0.00	20.67 0.50 0.00	21.50 0.40 0.00	22.98 0.41 0.00	24.32 0.38 0.00	23.61 0.38 0.00	27.95 0.67 0.00	23.63 0.76 0.00	25.18 0.80 0.00	29.92 0.97 0.00	38.33 1.35 0.00	38.68 1.55 0.00	34.64 1.46 0.00	32.65 1.46 0.00	32.48 1.43 0.00	27.45 0.93 0.00	23.32 0.80 0.00
LOWVILLE_115KV_TB2 356335	29.15 0.41 0.00	24.26 0.00 0.00	18.85 -0.15 0.00	19.93 -0.23 0.00	20.17 -0.34 0.00	25.71 -0.13 0.00	26.28 0.08 0.00	21.97 0.13 0.00	20.41 0.23 0.00	21.54 0.43 0.00	23.05 0.48 0.00	24.47 0.54 0.00	23.79 0.55 0.00	27.81 0.52 0.00	23.23 0.35 0.00	24.73 0.35 0.00	29.63 0.68 0.00	37.59 0.61 0.00	37.60 0.47 0.00	33.67 0.55 0.07	29.60 0.95 2.55	33.34 0.82 -1.47	26.73 0.21 0.00	22.35 -0.17 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.84 1.10 0.00	25.26 1.00 0.00	19.89 0.89 0.00	21.17 1.00 0.00	21.55 1.04 0.00	27.13 1.28 0.00	27.45 1.26 0.00	22.80 0.96 0.00	20.95 0.78 0.00	21.81 0.71 0.00	23.29 0.72 0.00	24.71 0.77 0.00	23.99 0.76 0.00	28.42 1.14 0.00	24.03 1.15 0.00	25.67 1.28 0.00	30.50 1.55 0.00	39.11 2.13 0.00	39.46 2.33 0.00	35.28 2.09 0.00	33.26 2.07 0.00	33.04 1.99 0.00	27.96 1.44 0.00	23.69 1.17 0.00
LUTHERNY_35_KV_BK2 355980	29.84 1.10 0.00	25.25 0.99 0.00	19.89 0.88 0.00	21.16 0.99 0.00	21.54 1.03 0.00	27.14 1.30 0.00	27.48 1.28 0.00	22.82 0.99 0.00	20.96 0.79 0.00	21.83 0.72 0.00	23.30 0.73 0.00	24.72 0.79 0.00	23.99 0.76 0.00	28.45 1.17 0.00	24.05 1.18 0.00	25.69 1.31 0.00	30.54 1.59 0.00	39.16 2.19 0.00	39.52 2.38 0.00	35.34 2.15 0.00	33.31 2.11 0.00	33.08 2.03 0.00	27.98 1.46 0.00	23.69 1.17 0.00

LWR___OSWEGATCHIE_HYD 23850	29.06 0.33 0.00	24.32 0.06 0.00	18.92 -0.09 0.00	19.97 -0.19 0.00	20.26 -0.25 0.00	25.76 -0.09 0.00	26.30 0.11 0.00	21.95 0.11 0.00	20.30 0.12 0.00	21.35 0.24 0.00	22.79 0.23 0.00	24.21 0.27 0.00	23.48 0.25 0.00	27.38 0.10 0.00	22.89 0.02 0.00	24.37 -0.01 0.00	28.80 -0.15 0.00	36.48 -0.49 0.00	36.64 -0.50 0.00	32.66 -0.33 0.20	24.20 -0.06 6.93	34.64 0.13 -3.47	26.60 0.08 0.00	22.35 -0.16 0.00
LYONS_FALL_HYD 23570	29.28 0.54 0.00	24.48 0.22 0.00	19.08 0.08 0.00	20.21 0.04 0.00	20.50 -0.01 0.00	26.04 0.19 0.00	26.53 0.34 0.00	22.15 0.31 0.00	20.53 0.36 0.00	21.59 0.49 0.00	23.11 0.54 0.00	24.54 0.60 0.00	23.86 0.63 0.00	27.96 0.68 0.00	23.43 0.56 0.00	24.96 0.57 0.00	29.82 0.88 0.00	38.01 1.04 0.00	38.09 0.96 0.00	34.06 0.91 0.04	30.88 1.11 1.43	33.03 0.99 -0.98	27.00 0.48 0.00	22.68 0.16 0.00
MADISON___COUNTY_LFGE 323628	29.61 0.87 0.00	24.90 0.64 0.00	19.46 0.46 0.00	20.65 0.48 0.00	21.02 0.51 0.00	26.46 0.75 0.14	26.23 0.82 0.79	22.33 0.66 0.17	20.77 0.60 0.00	21.78 0.67 0.00	23.31 0.74 0.00	24.76 0.82 0.00	24.12 0.88 0.00	28.27 1.09 0.10	23.84 0.96 0.00	25.37 1.01 0.02	30.15 1.38 0.17	38.43 1.94 0.48	38.84 1.98 0.27	34.60 1.68 0.27	32.52 1.59 0.26	32.22 1.45 0.27	27.42 1.00 0.10	23.24 0.73 0.01
MALONE___115KV_TB1 356076	29.29 0.56 0.00	24.67 0.41 0.00	19.02 0.01 0.00	19.93 -0.23 0.00	20.19 -0.32 0.00	25.47 -0.37 0.00	26.29 0.10 0.00	22.12 0.28 0.00	20.45 0.28 0.00	21.49 0.39 0.00	22.97 0.40 0.00	24.42 0.48 0.00	23.69 0.46 0.00	27.47 0.18 0.00	22.83 -0.05 0.00	24.35 -0.04 0.00	28.56 -0.39 0.00	36.44 -0.54 0.00	36.75 -0.38 0.00	32.38 -0.46 0.35	20.10 -0.71 10.37	53.41 -1.04 -23.40	26.48 -0.04 0.00	22.21 -0.31 0.00
MAPLEWOD_115KV_TB3 80458	29.49 0.75 0.00	24.97 0.71 0.00	19.73 0.73 0.00	20.96 0.80 0.00	21.32 0.81 0.00	26.77 0.92 0.00	27.02 0.82 0.00	22.42 0.58 0.00	20.66 0.49 0.00	21.48 0.38 0.00	22.97 0.40 0.00	24.32 0.38 0.00	23.63 0.40 0.00	27.93 0.64 0.00	23.66 0.78 0.00	25.23 0.84 0.00	30.00 1.05 0.00	38.42 1.44 0.00	38.71 1.57 0.00	34.64 1.46 0.00	32.62 1.43 0.00	32.44 1.39 0.00	27.43 0.90 0.00	23.30 0.78 0.00
MAPLE_RIDGE_WT_1 323574	28.25 -0.49 0.00	23.77 -0.49 0.00	18.60 -0.40 0.00	19.70 -0.47 0.00	19.98 -0.53 0.00	25.13 -0.72 0.00	25.50 -0.69 0.00	21.34 -0.50 0.00	19.86 -0.31 0.00	20.89 -0.21 0.00	22.40 -0.17 0.00	23.79 -0.15 0.00	23.04 -0.19 0.00	26.90 -0.38 0.00	22.45 -0.42 0.00	23.92 -0.46 0.00	28.45 -0.50 0.00	36.07 -0.91 0.00	36.13 -1.00 0.00	31.64 -0.90 0.65	6.85 -0.83 23.51	29.75 -0.81 0.49	25.76 -0.76 0.00	21.76 -0.76 0.00
MAPLE_RIDGE_WT_2 323611	28.25 -0.49 0.00	23.77 -0.49 0.00	18.60 -0.40 0.00	19.70 -0.47 0.00	19.98 -0.53 0.00	25.13 -0.72 0.00	25.50 -0.69 0.00	21.34 -0.50 0.00	19.86 -0.31 0.00	20.89 -0.21 0.00	22.40 -0.17 0.00	23.79 -0.15 0.00	23.04 -0.19 0.00	26.90 -0.38 0.00	22.45 -0.42 0.00	23.92 -0.46 0.00	28.45 -0.50 0.00	36.07 -0.91 0.00	36.13 -1.00 0.00	31.64 -0.90 0.65	6.85 -0.83 23.51	29.75 -0.81 0.49	25.76 -0.76 0.00	21.76 -0.76 0.00
MARBLE_RIVER_WT_PWR 323696	29.16 0.42 0.00	24.58 0.32 0.00	18.87 -0.14 0.00	19.76 -0.41 0.00	19.99 -0.52 0.00	25.16 -0.68 0.00	26.06 -0.13 0.00	21.97 0.13 0.00	20.34 0.16 0.00	21.38 0.28 0.00	22.88 0.31 0.00	24.34 0.41 0.00	23.61 0.38 0.00	27.35 0.06 0.00	22.73 -0.14 0.00	24.25 -0.13 0.00	28.43 -0.52 0.00	36.34 -0.64 0.00	36.67 -0.46 0.00	32.16 -0.65 0.38	12.51 -1.10 17.59	-8.83 -1.82 38.06	26.15 -0.37 0.00	21.88 -0.64 0.00
MARSHVLE_115KV_TB1 80742	30.91 2.17 0.00	26.01 1.75 0.00	20.19 1.18 0.00	21.41 1.24 0.00	21.74 1.23 0.00	27.60 1.75 0.00	27.98 1.79 0.00	23.23 1.39 0.00	21.36 1.19 0.00	22.42 1.31 0.00	23.90 1.33 0.00	25.43 1.49 0.00	24.69 1.46 0.00	29.08 1.80 0.00	24.33 1.45 0.00	26.05 1.67 0.00	30.94 2.00 0.00	39.58 2.61 0.00	39.98 2.84 0.00	35.89 2.71 0.00	33.82 2.62 0.00	33.62 2.57 0.00	28.69 2.17 0.00	24.26 1.74 0.00
MARSH_HILL_WT_PWR 323713	28.44 -0.48 -0.18	23.46 -0.80 0.00	18.17 -0.83 0.00	19.39 -0.78 0.00	19.79 -0.72 0.00	24.84 -0.63 0.38	24.12 -0.25 1.82	21.41 0.04 0.47	20.72 0.48 -0.07	21.80 0.64 -0.05	23.19 0.51 -0.12	24.23 0.29 0.00	23.18 -0.05 0.00	27.00 0.00 0.28	22.49 -0.38 0.01	23.73 -0.59 0.06	29.14 0.67 0.47	36.53 0.85 1.31	37.11 0.71 0.73	32.67 0.21 0.73	30.47 -0.02 0.71	29.77 -0.53 0.74	25.66 -0.60 0.27	21.72 -0.78 0.02
MCINTYRE_115KV_TB2 80467	29.37 0.64 0.00	24.74 0.48 0.00	19.27 0.27 0.00	20.33 0.15 0.00	20.63 0.12 0.00	26.06 0.21 0.00	26.65 0.45 0.00	22.18 0.34 0.00	20.37 0.20 0.00	21.32 0.21 0.00	22.72 0.16 0.00	24.12 0.18 0.00	23.38 0.14 0.00	27.18 -0.11 0.00	22.55 -0.33 0.00	24.02 -0.36 0.00	28.02 -0.93 0.00	35.75 -1.23 0.00	36.12 -1.01 0.00	32.32 -0.55 0.32	19.51 -0.49 11.19	34.96 -0.01 -3.93	26.85 0.33 0.00	22.71 0.19 0.00
MECO____69_KV_BK1 80468	32.87 4.13 0.00	27.52 3.26 0.00	21.31 2.31 0.00	22.48 2.31 0.00	22.88 2.37 0.00	29.09 3.25 0.00	29.56 3.37 0.00	24.14 2.30 0.00	21.56 1.38 0.00	22.26 1.15 0.00	23.63 1.06 0.00	25.03 1.09 0.00	24.46 1.23 0.00	28.77 1.48 0.00	24.31 1.43 0.00	26.47 2.08 0.00	31.36 2.41 0.00	40.57 3.59 0.00	43.03 5.90 0.00	38.87 5.69 0.00	36.64 5.45 0.00	36.27 5.22 0.00	30.69 4.17 0.00	25.86 3.34 0.00
MENANDS__115KV_TB5 355628	29.33 0.60 0.00	24.85 0.59 0.00	19.65 0.65 0.00	20.88 0.71 0.00	21.24 0.73 0.00	26.65 0.80 0.00	26.89 0.69 0.00	22.29 0.45 0.00	20.54 0.37 0.00	21.36 0.25 0.00	22.84 0.27 0.00	24.18 0.24 0.00	23.49 0.26 0.00	27.74 0.46 0.00	23.50 0.62 0.00	25.05 0.67 0.00	29.77 0.82 0.00	38.09 1.11 0.00	38.37 1.23 0.00	34.34 1.15 0.00	32.33 1.14 0.00	32.17 1.12 0.00	27.21 0.69 0.00	23.14 0.63 0.00
MG INDUSTRY___DRP 24185	29.42 0.68 0.00	24.91 0.65 0.00	19.67 0.67 0.00	20.90 0.73 0.00	21.26 0.75 0.00	26.69 0.84 0.00	26.91 0.72 0.00	22.29 0.45 0.00	20.49 0.32 0.00	21.30 0.19 0.00	22.71 0.15 0.00	24.02 0.08 0.00	23.32 0.09 0.00	27.51 0.23 0.00	23.23 0.35 0.00	24.80 0.41 0.00	29.51 0.56 0.00	37.77 0.79 0.00	38.15 1.01 0.00	34.23 1.04 0.00	32.25 1.06 0.00	32.11 1.07 0.00	27.21 0.69 0.00	23.13 0.61 0.00
MID___OSWEGATCHIE_HYD 23849	29.06 0.33 0.00	24.32 0.06 0.00	18.92 -0.09 0.00	19.97 -0.19 0.00	20.26 -0.25 0.00	25.76 -0.09 0.00	26.30 0.11 0.00	21.95 0.11 0.00	20.30 0.12 0.00	21.35 0.24 0.00	22.79 0.23 0.00	24.21 0.27 0.00	23.48 0.25 0.00	27.38 0.10 0.00	22.89 0.02 0.00	24.37 -0.01 0.00	28.80 -0.15 0.00	36.48 -0.49 0.00	36.64 -0.50 0.00	32.66 -0.33 0.20	24.20 -0.06 6.93	34.64 0.13 -3.47	26.60 0.08 0.00	22.35 -0.16 0.00

MID___RAQUETTE_HYD 23851	28.98 0.24 0.00	24.38 0.12 0.00	18.97 -0.04 0.00	20.00 -0.17 0.00	20.29 -0.22 0.00	25.65 -0.20 0.00	26.20 0.01 0.00	21.89 0.05 0.00	20.22 0.05 0.00	21.21 0.11 0.00	22.63 0.06 0.00	24.04 0.10 0.00	23.29 0.06 0.00	27.10 -0.18 0.00	22.52 -0.35 0.00	23.98 -0.40 0.00	27.92 -1.02 0.00	35.35 -1.63 0.00	35.60 -1.53 0.00	31.57 -1.31 0.30	19.56 -1.19 10.45	35.52 -0.63 -5.10	26.39 -0.13 0.00	22.30 -0.22 0.00
MILLIKEN___1 23584	29.47 0.73 0.00	24.79 0.53 0.00	19.32 0.32 0.00	20.51 0.34 0.00	20.93 0.41 0.00	26.40 0.67 0.12	26.23 0.71 0.68	22.31 0.63 0.15	20.74 0.57 0.00	21.67 0.57 0.00	23.19 0.62 0.00	24.64 0.70 0.00	23.95 0.71 0.00	28.14 0.95 0.09	23.73 0.85 0.00	25.33 0.96 0.02	30.17 1.38 0.15	38.37 1.81 0.42	38.64 1.74 0.23	34.55 1.60 0.23	32.39 1.43 0.23	32.04 1.24 0.24	27.27 0.83 0.09	23.10 0.59 0.01
MILLIKEN___2 23585	29.47 0.73 0.00	24.79 0.53 0.00	19.32 0.32 0.00	20.51 0.34 0.00	20.93 0.41 0.00	26.40 0.67 0.12	26.23 0.71 0.68	22.31 0.63 0.15	20.74 0.57 0.00	21.67 0.57 0.00	23.19 0.62 0.00	24.64 0.70 0.00	23.95 0.71 0.00	28.14 0.95 0.09	23.73 0.85 0.00	25.33 0.96 0.02	30.17 1.38 0.15	38.37 1.81 0.42	38.64 1.74 0.23	34.55 1.60 0.23	32.39 1.43 0.23	32.04 1.24 0.24	27.27 0.83 0.09	23.10 0.59 0.01
MILLIKEN___DIESEL 23629	29.47 0.73 0.00	24.79 0.53 0.00	19.32 0.32 0.00	20.51 0.34 0.00	20.93 0.41 0.00	26.40 0.67 0.12	26.23 0.71 0.68	22.31 0.63 0.15	20.74 0.57 0.00	21.67 0.57 0.00	23.19 0.62 0.00	24.64 0.70 0.00	23.95 0.71 0.00	28.14 0.95 0.09	23.73 0.85 0.00	25.33 0.96 0.02	30.17 1.38 0.15	38.37 1.81 0.42	38.64 1.74 0.23	34.55 1.60 0.23	32.39 1.43 0.23	32.04 1.24 0.24	27.27 0.83 0.09	23.10 0.59 0.01
MILLSEAT___LFGE 323607	28.54 0.23 0.42	24.34 0.09 0.00	18.78 -0.22 0.00	19.87 -0.29 0.00	20.31 -0.20 0.00	25.22 -0.05 0.57	22.46 0.03 3.76	21.31 0.17 0.70	20.41 0.41 0.17	21.49 0.51 0.13	22.91 0.63 0.29	24.74 0.80 0.00	24.04 0.80 0.00	27.80 0.93 0.42	23.57 0.70 0.01	24.94 0.65 0.09	28.81 0.58 0.71	35.55 0.53 1.95	37.22 1.18 1.09	33.30 1.19 1.09	30.92 0.78 1.05	30.50 0.56 1.11	26.60 0.48 0.40	22.88 0.39 0.03
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.05 1.31 0.00	25.34 1.09 0.00	19.92 0.91 0.00	21.24 1.07 0.00	21.61 1.09 0.00	27.27 1.42 0.00	27.74 1.55 0.00	23.15 1.31 0.00	21.28 1.11 0.00	22.27 1.16 0.00	23.77 1.20 0.00	25.19 1.25 0.00	24.42 1.19 0.00	29.04 1.76 0.00	24.71 1.83 0.00	26.45 2.06 0.00	31.49 2.54 0.00	40.33 3.35 0.00	40.28 3.15 0.00	35.78 2.59 0.00	33.64 2.45 0.00	33.47 2.42 0.00	28.24 1.72 0.00	23.93 1.41 0.00
MILLWOOD_13_KV_LOAD 356217	30.14 1.40 0.00	25.41 1.16 0.00	19.97 0.97 0.00	21.30 1.13 0.00	21.66 1.15 0.00	27.34 1.50 0.00	27.82 1.64 0.00	23.21 1.38 0.00	21.35 1.18 0.00	22.34 1.23 0.00	23.85 1.28 0.00	25.28 1.34 0.00	24.51 1.28 0.00	29.15 1.87 0.00	24.81 1.93 0.00	26.56 2.17 0.00	31.63 2.68 0.00	40.52 3.54 0.00	40.47 3.34 0.00	35.94 2.76 0.00	33.79 2.60 0.00	33.61 2.56 0.00	28.35 1.83 0.00	24.01 1.49 0.00
MODEL_CITY_ENERGY 24167	27.52 -0.72 0.50	23.60 -0.65 0.00	18.20 -0.80 0.00	19.25 -0.92 0.00	19.67 -0.84 0.00	24.39 -0.90 0.56	21.50 -0.88 3.81	20.53 -0.63 0.68	19.71 -0.26 0.20	20.76 -0.19 0.15	22.11 -0.11 0.34	23.92 -0.02 0.00	23.20 -0.04 0.00	26.77 -0.10 0.41	22.60 -0.26 0.01	23.79 -0.51 0.09	27.60 -0.65 0.69	34.10 -0.96 1.91	35.79 -0.27 1.07	31.95 -0.18 1.06	29.61 -0.55 1.03	29.22 -0.74 1.09	25.60 -0.53 0.39	22.09 -0.40 0.03
MODERN_LFGE___ 323580	27.52 -0.72 0.50	23.60 -0.65 0.00	18.20 -0.80 0.00	19.25 -0.92 0.00	19.67 -0.84 0.00	24.39 -0.90 0.56	21.50 -0.88 3.81	20.53 -0.63 0.68	19.71 -0.26 0.20	20.76 -0.19 0.15	22.11 -0.11 0.34	23.92 -0.02 0.00	23.20 -0.04 0.00	26.77 -0.10 0.41	22.60 -0.26 0.01	23.79 -0.51 0.09	27.60 -0.65 0.69	34.10 -0.96 1.91	35.79 -0.27 1.07	31.95 -0.18 1.06	29.61 -0.55 1.03	29.22 -0.74 1.09	25.60 -0.53 0.39	22.09 -0.40 0.03
MOHAWK_PAPER___DRP 24187	29.49 0.75 0.00	24.97 0.71 0.00	19.73 0.73 0.00	20.96 0.80 0.00	21.32 0.81 0.00	26.77 0.92 0.00	27.02 0.82 0.00	22.42 0.58 0.00	20.66 0.49 0.00	21.48 0.38 0.00	22.97 0.40 0.00	24.32 0.38 0.00	23.63 0.40 0.00	27.93 0.64 0.00	23.66 0.78 0.00	25.23 0.84 0.00	30.00 1.05 0.00	38.42 1.44 0.00	38.71 1.57 0.00	34.64 1.46 0.00	32.62 1.43 0.00	32.44 1.39 0.00	27.43 0.90 0.00	23.30 0.78 0.00
MOHICAN__35_KV_115KV_LD 80490	29.78 1.05 0.00	25.28 1.02 0.00	19.93 0.92 0.00	21.21 1.04 0.00	21.61 1.10 0.00	27.22 1.37 0.00	27.56 1.37 0.00	22.89 1.06 0.00	21.01 0.84 0.00	21.87 0.76 0.00	23.33 0.76 0.00	24.77 0.83 0.00	24.08 0.85 0.00	28.55 1.27 0.00	24.15 1.27 0.00	25.84 1.45 0.00	30.61 1.66 0.00	39.31 2.33 0.00	39.70 2.57 0.00	35.44 2.26 0.00	33.53 2.34 0.00	33.26 2.22 0.00	28.21 1.69 0.00	23.85 1.34 0.00
MONGAUP___HYD 23641	29.92 1.18 0.00	25.25 0.99 0.00	19.83 0.82 0.00	21.12 0.96 0.00	21.48 0.97 0.00	27.12 1.28 0.00	27.52 1.33 0.00	22.94 1.10 0.00	21.07 0.90 0.00	22.00 0.90 0.00	23.47 0.90 0.00	24.84 0.90 0.00	24.06 0.83 0.00	28.58 1.30 0.00	24.26 1.38 0.00	25.84 1.45 0.00	30.77 1.83 0.00	39.46 2.48 0.00	39.40 2.27 0.00	35.15 1.96 0.00	33.40 2.21 0.00	33.36 2.31 0.00	28.40 1.88 0.00	23.99 1.47 0.00
MONTAUK___DIESEL 23721	29.78 1.05 0.00	25.16 0.90 0.00	19.72 0.72 0.00	21.01 0.84 0.00	20.50 0.90 0.92	23.16 1.42 4.11	25.51 1.76 2.44	23.78 1.95 0.00	20.66 1.62 1.13	19.72 1.87 3.26	21.33 1.47 2.70	22.79 1.51 2.66	22.02 1.39 2.60	26.68 1.80 2.41	22.01 1.91 2.77	23.69 2.06 2.76	29.33 2.53 2.14	38.10 2.93 1.81	37.46 3.06 2.73	32.29 1.91 2.81	31.45 2.44 2.18	30.68 2.72 3.08	24.91 1.87 3.47	20.63 1.50 3.38
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.27 -0.47 0.00	23.79 -0.47 0.00	18.23 -0.77 0.00	19.33 -0.84 0.00	20.01 -0.49 0.00	25.07 -0.26 0.51	23.42 0.01 2.78	21.56 0.35 0.62	20.97 0.79 0.00	22.17 1.07 0.00	23.62 1.05 0.00	24.94 1.01 0.00	24.22 0.99 0.00	27.67 0.76 0.37	23.36 0.49 0.01	24.66 0.36 0.08	29.00 0.68 0.63	36.37 1.13 1.73	37.62 1.45 0.97	33.49 1.27 0.96	30.83 0.57 0.93	30.20 0.14 0.98	26.01 -0.15 0.35	22.39 -0.11 0.02
MORTIMER_115KV_TB3 55949	28.79 0.05 0.00	24.23 -0.03 0.00	18.78 -0.23 0.00	19.89 -0.28 0.00	20.29 -0.22 0.00	25.11 -0.12 0.61	22.82 -0.04 3.33	21.13 0.04 0.74	20.40 0.22 0.00	21.47 0.37 0.00	23.04 0.48 0.00	24.57 0.63 0.00	23.85 0.62 0.00	27.61 0.77 0.44	23.47 0.61 0.01	24.84 0.55 0.10	28.75 0.55 0.75	35.52 0.61 2.06	36.93 0.96 1.16	32.94 0.90 1.15	30.67 0.59 1.11	30.29 0.41 1.17	26.38 0.28 0.42	22.69 0.20 0.03

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.28 1.54 0.00	25.52 1.26 0.00	20.06 1.06 0.00	21.39 1.23 0.00	21.76 1.25 0.00	27.47 1.63 0.00	30.10 1.78 -2.13	192.90 1.50 -169.56	175.46 1.27 -154.02	51.36 1.33 -28.93	47.40 1.40 -23.43	50.96 1.46 -25.57	56.01 1.40 -31.38	54.51 1.98 -25.25	67.00 2.02 -42.10	90.02 2.26 -63.38	88.80 2.78 -57.07	40.66 3.68 0.00	40.62 3.49 0.00	36.11 2.92 0.00	33.97 2.78 0.00	33.79 2.74 0.00	28.53 2.01 0.00	24.16 1.64 0.00
MUNSVILLE_WIND_PWR 323609	30.40 1.53 -0.14	25.63 1.37 0.00	19.88 0.88 0.00	21.18 1.02 0.00	21.71 1.20 0.00	27.46 1.75 0.13	27.61 1.94 0.52	23.33 1.66 0.16	21.72 1.50 -0.05	22.69 1.54 -0.04	24.26 1.61 -0.09	25.56 1.62 0.00	24.95 1.72 0.00	29.26 2.07 0.10	24.60 1.72 0.00	26.27 1.91 0.02	31.40 2.61 0.16	39.99 3.46 0.45	40.76 3.87 0.25	36.44 3.50 0.25	34.00 3.05 0.24	33.94 3.15 0.26	28.61 2.18 0.09	23.90 1.39 0.01
N SALMON___HYD 24042	29.29 0.56 0.00	24.67 0.41 0.00	19.02 0.01 0.00	19.93 -0.23 0.00	20.19 -0.32 0.00	25.47 -0.37 0.00	26.29 0.10 0.00	22.12 0.28 0.00	20.45 0.28 0.00	21.49 0.39 0.00	22.97 0.40 0.00	24.42 0.48 0.00	23.69 0.45 0.00	27.47 0.18 0.00	22.83 -0.05 0.00	24.35 -0.04 0.00	28.56 -0.39 0.00	36.44 -0.54 0.00	36.76 -0.38 0.00	32.38 -0.45 0.35	20.10 -0.72 10.37	53.40 -1.05 -23.40	26.48 -0.04 0.00	22.21 -0.31 0.00
N.AKRON___115KV_KNAPP 355671	28.77 0.04 0.00	24.24 -0.01 0.00	18.69 -0.31 0.00	19.78 -0.39 0.00	20.21 -0.30 0.00	25.10 -0.18 0.57	22.96 -0.12 3.11	21.19 0.04 0.69	20.47 0.30 0.00	21.54 0.43 0.00	23.11 0.55 0.00	24.64 0.71 0.00	23.92 0.69 0.00	27.67 0.80 0.41	23.43 0.56 0.01	24.74 0.44 0.09	28.60 0.36 0.70	35.33 0.29 1.94	37.02 0.97 1.09	33.10 0.99 1.08	30.71 0.56 1.05	30.30 0.35 1.10	26.46 0.33 0.40	22.77 0.28 0.03
N.BELMOR_69_KV_BK1 55787	30.44 1.70 0.00	25.66 1.40 0.00	20.15 1.14 0.00	21.46 1.30 0.00	24.74 1.33 -2.91	40.75 1.89 -13.01	35.77 1.86 -7.72	23.45 1.60 -0.01	25.18 1.44 -3.57	33.00 1.58 -10.32	32.66 1.53 -8.56	34.05 1.69 -8.42	32.97 1.49 -8.25	36.90 1.98 -7.63	33.77 2.11 -8.78	35.00 2.26 -8.36	37.94 2.73 -6.27	45.07 3.35 -4.74	48.39 3.44 -7.81	44.14 2.73 -8.22	40.26 2.69 -6.38	43.20 3.10 -9.05	38.98 2.26 -10.20	36.72 1.91 -12.29
N.E._GEN_SANDY PD 24062	30.51 0.77 -1.00	24.96 0.72 0.02	20.32 0.74 -0.57	21.07 0.88 -0.02	21.41 0.90 0.00	26.86 1.01 0.00	27.24 1.03 -0.03	22.74 0.76 -0.14	20.41 0.57 0.33	21.63 0.52 0.00	23.13 0.56 0.00	24.45 0.52 0.00	23.71 0.48 0.00	28.11 0.83 0.00	23.86 0.98 0.00	25.43 1.05 0.00	30.24 1.29 0.00	36.43 1.75 2.30	44.31 1.85 -5.33	34.82 1.64 0.00	32.80 1.62 0.01	33.21 1.61 -0.56	27.47 1.00 0.05	24.33 0.85 -0.96
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.99 1.25 0.00	25.28 1.02 0.00	19.85 0.85 0.00	21.17 1.00 0.00	21.52 1.02 0.00	27.20 1.35 0.00	27.66 1.47 0.00	23.08 1.25 0.00	21.30 1.12 0.00	22.30 1.19 0.00	23.73 1.16 0.00	25.11 1.17 0.00	24.34 1.11 0.00	28.98 1.69 0.00	24.70 1.82 0.00	26.46 2.07 0.00	31.52 2.57 0.00	40.33 3.35 0.00	40.21 3.08 0.00	35.66 2.47 0.00	33.51 2.32 0.00	33.31 2.26 0.00	28.10 1.58 0.00	23.82 1.30 0.00
N.QUEENS_27_KV_LOAD 356247	30.43 1.69 0.00	25.66 1.40 0.00	20.17 1.16 0.00	21.53 1.36 0.00	21.89 1.38 0.00	27.61 1.77 0.00	30.26 1.89 -2.19	197.62 1.62 -174.16	179.68 1.31 -158.20	52.18 1.36 -29.72	48.08 1.45 -24.06	51.71 1.51 -26.26	56.90 1.43 -32.23	55.25 2.03 -25.93	68.20 2.07 -43.26	91.79 2.30 -65.11	90.41 2.84 -58.62	40.85 3.87 0.00	40.73 3.59 0.00	36.20 3.01 0.00	34.05 2.86 0.00	33.91 2.85 0.00	28.68 2.16 0.00	24.27 1.75 0.00
N.TROY___115KV_TB1 355778	29.52 0.78 0.00	25.00 0.74 0.00	19.74 0.74 0.00	21.01 0.84 0.00	21.37 0.86 0.00	26.84 0.99 0.00	27.12 0.93 0.00	22.50 0.66 0.00	20.67 0.50 0.00	21.51 0.40 0.00	22.98 0.41 0.00	24.32 0.38 0.00	23.61 0.38 0.00	27.95 0.67 0.00	23.64 0.76 0.00	25.18 0.80 0.00	29.92 0.97 0.00	38.33 1.35 0.00	38.69 1.55 0.00	34.64 1.46 0.00	32.65 1.46 0.00	32.48 1.43 0.00	27.45 0.93 0.00	23.32 0.80 0.00
NARROWS_GT1_1 24228	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT1_2 24229	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT1_3 24230	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT1_4 24231	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT1_5 24232	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT1_6 24233	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00

NARROWS_GT1_7 24234	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT1_8 24235	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT2_1 24236	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT2_2 24237	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT2_3 24238	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT2_4 24239	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT2_5 24240	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT2_6 24241	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT2_7 24242	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NARROWS_GT2_8 24243	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.04 1.41 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.76 2.28 -65.10	90.38 2.81 -58.62	40.80 3.82 0.00	40.73 3.60 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.90 1.16 0.00	25.29 1.03 0.00	20.01 1.00 0.00	21.22 1.05 0.00	21.59 1.08 0.00	27.08 1.24 0.00	27.31 1.12 0.00	22.60 0.76 0.00	20.74 0.57 0.00	21.43 0.33 0.00	22.85 0.28 0.00	24.15 0.22 0.00	23.51 0.28 0.00	27.75 0.47 0.00	23.47 0.59 0.00	25.08 0.70 0.00	29.90 0.95 0.00	38.42 1.44 0.00	39.05 1.92 0.00	35.17 1.98 0.00	33.16 1.97 0.00	32.93 1.88 0.00	27.83 1.31 0.00	23.61 1.09 0.00
NCHELSEA_115KV_TR2 355582	30.20 1.46 0.00	25.46 1.20 0.00	20.02 1.01 0.00	21.34 1.17 0.00	21.70 1.19 0.00	27.36 1.52 0.00	27.83 1.64 0.00	23.22 1.38 0.00	21.36 1.18 0.00	22.33 1.23 0.00	23.87 1.30 0.00	25.30 1.37 0.00	24.55 1.32 0.00	29.20 1.91 0.00	24.84 1.96 0.00	26.60 2.22 0.00	31.72 2.77 0.00	40.64 3.66 0.00	40.63 3.49 0.00	36.11 2.92 0.00	33.93 2.74 0.00	33.77 2.72 0.00	28.46 1.94 0.00	24.08 1.56 0.00
NEG CAPITAL___MECHNVIL 23645	29.84 1.10 0.00	25.25 0.99 0.00	19.89 0.89 0.00	21.17 1.00 0.00	21.55 1.04 0.00	27.11 1.26 0.00	27.44 1.25 0.00	22.80 0.96 0.00	20.94 0.77 0.00	21.81 0.71 0.00	23.30 0.73 0.00	24.71 0.77 0.00	24.02 0.78 0.00	28.45 1.17 0.00	24.06 1.18 0.00	25.70 1.32 0.00	30.55 1.60 0.00	39.19 2.22 0.00	39.55 2.42 0.00	35.36 2.17 0.00	33.31 2.12 0.00	33.08 2.04 0.00	27.97 1.44 0.00	23.70 1.18 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.12 -0.45 0.17	23.78 -0.47 0.00	18.46 -0.55 0.00	19.56 -0.61 0.00	19.96 -0.56 0.00	24.73 -0.57 0.54	22.51 -0.48 3.21	20.87 -0.31 0.66	19.97 -0.14 0.06	21.03 -0.03 0.05	22.49 0.03 0.11	24.08 0.14 0.00	23.40 0.17 0.00	27.16 0.26 0.39	23.11 0.24 0.01	24.47 0.17 0.09	28.44 0.16 0.66	35.23 0.09 1.83	36.47 0.36 1.03	32.48 0.31 1.02	30.28 0.07 0.99	29.90 -0.11 1.04	25.93 -0.22 0.37	22.26 -0.23 0.02
NEG CENTRAL___DRP 24199	28.98 0.24 0.00	24.34 0.08 0.00	18.94 -0.07 0.00	20.10 -0.06 0.00	20.51 0.00 0.00	25.80 0.15 0.20	25.37 0.24 1.06	21.88 0.28 0.24	20.52 0.34 0.00	21.51 0.41 0.00	23.01 0.44 0.00	24.45 0.51 0.00	23.78 0.55 0.00	27.88 0.73 0.14	23.52 0.65 0.00	25.00 0.64 0.03	29.76 1.05 0.24	37.42 1.10 0.66	37.93 1.17 0.37	33.86 1.04 0.37	31.67 0.83 0.35	31.29 0.62 0.38	26.75 0.36 0.13	22.71 0.20 0.01



NEG CENTRAL___INDECK 23768	29.57 0.84 0.00	24.67 0.41 0.00	19.07 0.07 0.00	20.25 0.08 0.00	20.67 0.16 0.00	25.78 0.42 0.48	24.27 0.70 2.62	21.91 0.65 0.58	20.96 0.79 0.00	21.95 0.84 0.00	23.38 0.81 0.00	24.61 0.67 0.00	23.49 0.26 0.00	27.20 0.26 0.35	23.00 0.13 0.01	24.53 0.22 0.08	28.64 0.28 0.59	35.69 0.34 1.63	36.45 0.23 0.91	32.87 0.59 0.91	30.86 0.54 0.88	30.39 0.27 0.93	26.89 0.70 0.33	23.09 0.59 0.02
NEG CENTRAL___SENECA 23627	29.07 0.34 0.00	24.39 0.13 0.00	18.94 -0.07 0.00	20.13 -0.03 0.00	20.55 0.03 0.00	25.70 0.22 0.37	24.54 0.36 2.01	21.80 0.42 0.45	20.68 0.51 0.00	21.69 0.58 0.00	23.17 0.60 0.00	24.61 0.67 0.00	23.94 0.71 0.00	27.94 0.92 0.27	23.67 0.79 0.01	25.09 0.76 0.06	29.77 1.28 0.45	37.06 1.33 1.25	37.91 1.47 0.70	33.79 1.29 0.70	31.52 1.00 0.67	31.12 0.78 0.71	26.77 0.50 0.26	22.79 0.28 0.02
NEG CENTRAL___STATE_STREET 24147	29.10 0.37 0.00	24.49 0.23 0.00	19.10 0.10 0.00	20.21 0.05 0.00	20.61 0.10 0.00	26.18 0.33 0.00	26.48 0.29 0.00	22.11 0.27 0.00	20.45 0.27 0.00	21.42 0.31 0.00	22.97 0.40 0.00	24.42 0.49 0.00	23.74 0.51 0.00	27.95 0.67 0.00	23.49 0.61 0.00	25.06 0.68 0.00	29.92 0.98 0.00	38.17 1.19 0.00	38.19 1.06 0.00	34.24 1.05 0.00	32.12 0.93 0.00	31.70 0.65 0.00	26.91 0.39 0.00	22.78 0.26 0.00
NEG MILLWOOD___DRP 24198	30.30 1.56 0.00	25.54 1.28 0.00	20.08 1.07 0.00	21.40 1.24 0.00	21.76 1.26 0.00	27.45 1.60 0.00	27.94 1.75 0.00	23.32 1.49 0.00	21.46 1.29 0.00	22.45 1.34 0.00	24.00 1.43 0.00	25.45 1.51 0.00	24.70 1.47 0.00	29.36 2.08 0.00	24.99 2.11 0.00	26.76 2.38 0.00	31.90 2.96 0.00	40.86 3.88 0.00	40.87 3.74 0.00	36.31 3.12 0.00	34.11 2.92 0.00	33.92 2.87 0.00	28.59 2.07 0.00	24.17 1.65 0.00
NEG NORTH_FLCN_SEA 23793	29.62 0.89 0.00	24.97 0.71 0.00	19.11 0.10 0.00	19.97 -0.20 0.00	20.19 -0.32 0.00	25.33 -0.52 0.00	26.36 0.17 0.00	22.28 0.45 0.00	20.64 0.47 0.00	21.71 0.61 0.00	23.26 0.70 0.00	24.75 0.81 0.00	24.00 0.77 0.00	27.75 0.46 0.00	23.03 0.15 0.00	24.54 0.15 0.00	28.57 -0.38 0.00	36.59 -0.39 0.00	36.99 -0.14 0.00	32.35 -0.46 0.37	12.52 -1.08 17.59	-9.61 -2.02 38.64	26.45 -0.08 0.00	22.13 -0.39 0.00
NEG NORTH_KES_CHATEGAY 23792	29.13 0.39 0.00	24.54 0.29 0.00	18.88 -0.12 0.00	19.75 -0.42 0.00	19.99 -0.52 0.00	25.19 -0.66 0.00	26.06 -0.14 0.00	21.95 0.11 0.00	20.29 0.11 0.00	21.31 0.21 0.00	22.79 0.23 0.00	24.23 0.29 0.00	23.50 0.27 0.00	27.21 -0.08 0.00	22.62 -0.26 0.00	24.14 -0.25 0.00	28.37 -0.58 0.00	36.27 -0.71 0.00	36.59 -0.54 0.00	32.16 -0.66 0.37	12.58 -1.02 17.60	-11.18 -1.60 40.64	26.17 -0.35 0.00	21.92 -0.60 0.00
NEG NORTH___ALICE_FALLS 23915	29.68 0.94 0.00	25.00 0.74 0.00	19.14 0.14 0.00	20.01 -0.16 0.00	20.24 -0.27 0.00	25.43 -0.42 0.00	26.44 0.25 0.00	22.36 0.52 0.00	20.72 0.54 0.00	21.78 0.67 0.00	23.32 0.75 0.00	24.82 0.88 0.00	24.09 0.86 0.00	27.87 0.58 0.00	23.18 0.30 0.00	24.71 0.32 0.00	28.89 -0.06 0.00	37.04 0.06 0.00	37.49 0.36 0.00	32.80 -0.01 0.37	12.96 -0.64 17.59	-9.46 -1.56 38.96	26.64 0.12 0.00	22.27 -0.25 0.00
NEG NORTH___LWR_SARANAC 23913	29.68 0.94 0.00	25.00 0.74 0.00	19.14 0.14 0.00	20.01 -0.16 0.00	20.24 -0.27 0.00	25.43 -0.42 0.00	26.44 0.25 0.00	22.36 0.52 0.00	20.72 0.54 0.00	21.78 0.67 0.00	23.32 0.75 0.00	24.82 0.88 0.00	24.09 0.86 0.00	27.87 0.58 0.00	23.18 0.30 0.00	24.71 0.32 0.00	28.89 -0.06 0.00	37.04 0.06 0.00	37.49 0.36 0.00	32.80 -0.01 0.37	12.96 -0.64 17.59	-9.46 -1.56 38.96	26.64 0.12 0.00	22.27 -0.25 0.00
NEG NORTH___PLATTSBURG 23628	29.68 0.94 0.00	25.00 0.74 0.00	19.14 0.14 0.00	20.01 -0.16 0.00	20.24 -0.27 0.00	25.43 -0.42 0.00	26.44 0.25 0.00	22.36 0.52 0.00	20.72 0.55 0.00	21.78 0.67 0.00	23.32 0.75 0.00	24.82 0.88 0.00	24.09 0.86 0.00	27.87 0.58 0.00	23.18 0.30 0.00	24.71 0.32 0.00	28.89 -0.06 0.00	37.04 0.06 0.00	37.49 0.36 0.00	32.80 -0.01 0.37	12.96 -0.64 17.59	-9.47 -1.56 38.96	26.64 0.12 0.00	22.27 -0.25 0.00
NEG WEST_LEA_LOCKPORT 23791	28.29 -0.45 0.00	23.85 -0.40 0.00	18.39 -0.62 0.00	19.45 -0.71 0.00	19.88 -0.63 0.00	24.68 -0.61 0.56	22.54 -0.58 3.07	20.79 -0.36 0.68	20.12 -0.05 0.00	21.18 0.08 0.00	22.73 0.16 0.00	24.21 0.27 0.00	23.48 0.25 0.00	27.11 0.24 0.41	22.88 0.01 0.01	24.10 -0.20 0.09	27.98 -0.27 0.70	34.59 -0.47 1.92	36.27 0.21 1.07	32.37 0.25 1.07	30.01 -0.15 1.03	29.60 -0.36 1.09	25.90 -0.22 0.39	22.33 -0.16 0.03
NEG WEST___LANCASTR 23811	29.17 0.44 0.00	24.52 0.26 0.00	18.96 -0.05 0.00	20.13 -0.03 0.00	20.53 0.02 0.00	25.57 0.23 0.51	23.79 0.35 2.76	21.69 0.46 0.62	20.95 0.78 0.00	22.03 0.92 0.00	23.60 1.03 0.00	25.08 1.14 0.00	24.28 1.05 0.00	28.14 1.22 0.37	23.69 0.83 0.01	24.96 0.66 0.08	29.09 0.77 0.62	36.09 0.83 1.72	37.53 1.36 0.96	33.33 1.10 0.95	30.97 0.71 0.93	30.59 0.52 0.98	26.68 0.51 0.35	22.99 0.49 0.02
NEG_PENN_ALLEGHNY 23528	29.10 0.37 0.00	24.50 0.24 0.00	19.11 0.11 0.00	20.35 0.19 0.00	20.75 0.24 0.00	26.11 0.41 0.15	25.83 0.44 0.80	22.11 0.45 0.18	20.66 0.49 0.00	21.65 0.55 0.00	23.15 0.58 0.00	24.56 0.62 0.00	23.83 0.60 0.00	28.07 0.89 0.11	23.66 0.78 0.00	25.20 0.84 0.02	29.92 1.15 0.18	37.84 1.36 0.50	38.18 1.32 0.28	33.99 1.08 0.28	31.85 0.93 0.27	31.59 0.83 0.28	26.95 0.53 0.10	22.89 0.38 0.01
NEG___GEN_MONROE 24207	29.01 0.28 0.00	24.43 0.17 0.00	18.90 -0.10 0.00	20.02 -0.15 0.00	20.43 -0.08 0.00	25.31 0.07 0.61	23.03 0.16 3.32	21.31 0.22 0.74	20.56 0.39 0.00	21.63 0.52 0.00	23.22 0.65 0.00	24.77 0.83 0.00	24.05 0.81 0.00	27.84 1.00 0.44	23.66 0.79 0.01	25.10 0.82 0.10	28.99 0.79 0.75	35.80 0.88 2.06	37.26 1.27 1.15	33.27 1.23 1.14	31.00 0.92 1.11	30.62 0.74 1.17	26.64 0.54 0.42	22.90 0.41 0.03
NEPA___ENERGY 23901	28.80 0.06 0.00	24.18 -0.08 0.00	18.62 -0.38 0.00	19.86 -0.31 0.00	20.34 -0.17 0.00	25.46 0.11 0.50	23.63 0.19 2.75	21.64 0.42 0.61	20.91 0.74 0.00	22.01 0.90 0.00	23.52 0.96 0.00	24.99 1.05 0.00	24.23 1.00 0.00	28.18 1.26 0.37	23.71 0.84 0.01	25.04 0.74 0.08	29.33 1.00 0.62	36.44 1.18 1.72	37.54 1.36 0.96	33.26 1.03 0.95	30.93 0.67 0.93	30.47 0.39 0.97	26.47 0.30 0.35	22.71 0.21 0.02
NEVERSINK___HYD 23608	29.93 1.19 0.00	25.50 1.24 0.00	20.02 1.02 0.00	21.36 1.20 0.00	21.74 1.22 0.00	27.48 1.63 0.00	27.96 1.77 0.00	23.34 1.50 0.00	21.45 1.28 0.00	22.41 1.30 0.00	23.96 1.39 0.00	25.33 1.40 0.00	24.40 1.17 0.00	28.17 0.89 0.00	23.99 1.11 0.00	25.68 1.30 0.00	30.76 1.81 0.00	39.71 2.74 0.00	39.49 2.35 0.00	35.08 1.90 0.00	33.12 1.93 0.00	33.98 2.93 0.00	28.63 2.11 0.00	24.18 1.67 0.00

NEWKRMKL_115KV_TB1 55635	29.29 0.55 0.00	24.79 0.53 0.00	19.62 0.61 0.00	20.82 0.65 0.00	21.18 0.67 0.00	26.58 0.73 0.00	26.81 0.62 0.00	22.22 0.39 0.00	20.50 0.32 0.00	21.31 0.21 0.00	22.80 0.24 0.00	24.15 0.21 0.00	23.46 0.23 0.00	27.69 0.40 0.00	23.45 0.57 0.00	25.02 0.64 0.00	29.74 0.79 0.00	38.04 1.06 0.00	38.30 1.16 0.00	34.25 1.06 0.00	32.23 1.04 0.00	32.07 1.02 0.00	27.14 0.62 0.00	23.08 0.57 0.00
NEWTON___FALLS_HYD 23847	29.06 0.33 0.00	24.32 0.06 0.00	18.92 -0.09 0.00	19.97 -0.19 0.00	20.26 -0.25 0.00	25.76 -0.09 0.00	26.30 0.11 0.00	21.95 0.11 0.00	20.30 0.12 0.00	21.35 0.24 0.00	22.79 0.23 0.00	24.21 0.27 0.00	23.48 0.25 0.00	27.38 0.10 0.00	22.89 0.02 0.00	24.37 -0.01 0.00	28.80 -0.15 0.00	36.48 -0.49 0.00	36.64 -0.50 0.00	32.66 -0.33 0.20	24.20 -0.06 6.93	34.64 0.13 -3.47	26.60 0.08 0.00	22.35 -0.16 0.00
NGRID_A1_DSASP 323792	27.37 -0.84 0.52	23.50 -0.76 0.00	18.12 -0.88 0.00	19.17 -0.99 0.00	19.59 -0.92 0.00	24.25 -1.03 0.57	21.23 -1.10 3.86	20.31 -0.84 0.69	19.49 -0.48 0.20	20.54 -0.40 0.16	21.86 -0.36 0.35	23.68 -0.26 0.00	22.95 -0.28 0.00	26.45 -0.43 0.41	22.32 -0.55 0.01	23.47 -0.83 0.09	27.26 -0.99 0.70	33.69 -1.37 1.92	35.38 -0.67 1.07	31.55 -0.57 1.07	29.24 -0.92 1.04	28.88 -1.08 1.09	25.30 -0.83 0.39	21.86 -0.63 0.03
NGRID_A2_DSASP 323793	27.37 -0.84 0.52	23.50 -0.76 0.00	18.12 -0.88 0.00	19.17 -0.99 0.00	19.59 -0.92 0.00	24.25 -1.03 0.57	21.23 -1.10 3.86	20.31 -0.84 0.69	19.49 -0.48 0.20	20.54 -0.40 0.16	21.86 -0.36 0.35	23.68 -0.26 0.00	22.95 -0.28 0.00	26.45 -0.43 0.41	22.32 -0.55 0.01	23.47 -0.83 0.09	27.26 -0.99 0.70	33.69 -1.37 1.92	35.38 -0.67 1.07	31.55 -0.57 1.07	29.24 -0.92 1.04	28.88 -1.08 1.09	25.30 -0.83 0.39	21.86 -0.63 0.03
NGRID_A4_DSASP 323807	27.37 -0.84 0.52	23.50 -0.76 0.00	18.12 -0.88 0.00	19.17 -0.99 0.00	19.59 -0.92 0.00	24.25 -1.03 0.57	21.23 -1.10 3.86	20.31 -0.84 0.69	19.49 -0.48 0.20	20.54 -0.40 0.16	21.86 -0.36 0.35	23.68 -0.26 0.00	22.95 -0.28 0.00	26.45 -0.43 0.41	22.32 -0.55 0.01	23.47 -0.83 0.09	27.26 -0.99 0.70	33.69 -1.37 1.92	35.38 -0.67 1.07	31.55 -0.57 1.07	29.24 -0.92 1.04	28.88 -1.08 1.09	25.30 -0.83 0.39	21.86 -0.63 0.03
NIAGARA_115E_LBMP 323715	27.31 -0.91 0.51	23.46 -0.80 0.00	18.10 -0.91 0.00	19.13 -1.04 0.00	19.55 -0.96 0.00	24.23 -1.06 0.56	21.31 -1.06 3.82	20.39 -0.77 0.68	19.57 -0.40 0.20	20.61 -0.33 0.16	21.95 -0.27 0.35	23.75 -0.18 0.00	23.03 -0.20 0.00	26.56 -0.31 0.41	22.42 -0.44 0.01	23.59 -0.71 0.09	27.37 -0.88 0.69	33.82 -1.25 1.91	35.50 -0.56 1.07	31.69 -0.44 1.06	29.37 -0.79 1.03	28.99 -0.98 1.08	25.41 -0.72 0.39	21.94 -0.55 0.02
NIAGARA_115W_LBMP 323714	27.31 -0.90 0.52	23.45 -0.81 0.00	18.09 -0.92 0.00	19.13 -1.03 0.00	19.55 -0.96 0.00	24.20 -1.08 0.57	21.16 -1.16 3.86	20.24 -0.91 0.69	19.44 -0.53 0.20	20.48 -0.46 0.16	21.80 -0.42 0.35	23.61 -0.33 0.00	22.88 -0.35 0.00	26.36 -0.51 0.41	22.26 -0.61 0.01	23.40 -0.90 0.09	27.18 -1.07 0.70	33.57 -1.49 1.92	35.27 -0.79 1.08	31.44 -0.67 1.07	29.14 -1.01 1.04	28.80 -1.16 1.09	25.24 -0.89 0.39	21.81 -0.69 0.03
NIAGARA_230_LBMP 323716	27.52 -0.70 0.52	23.61 -0.65 0.00	18.22 -0.79 0.00	19.28 -0.89 0.00	19.70 -0.81 0.00	24.42 -0.85 0.57	21.48 -0.80 3.91	20.54 -0.61 0.70	19.69 -0.27 0.20	20.77 -0.18 0.16	22.10 -0.12 0.35	23.91 -0.03 0.00	23.17 -0.06 0.00	26.73 -0.14 0.42	22.56 -0.31 0.01	23.74 -0.55 0.09	27.61 -0.63 0.71	34.15 -0.89 1.95	35.82 -0.22 1.09	31.89 -0.21 1.08	29.58 -0.56 1.05	29.20 -0.74 1.11	25.55 -0.57 0.40	22.07 -0.42 0.03
NIAGARA___115KV_198_GIBSON 55903	27.77 -0.97 0.00	23.46 -0.81 0.00	18.09 -0.92 0.00	19.13 -1.03 0.00	19.55 -0.96 0.00	24.21 -1.07 0.57	21.91 -1.20 3.08	20.22 -0.93 0.69	19.61 -0.56 0.00	20.64 -0.47 0.00	22.14 -0.43 0.00	23.60 -0.34 0.00	22.87 -0.36 0.00	26.36 -0.51 0.41	22.25 -0.62 0.01	23.38 -0.91 0.09	27.16 -1.09 0.70	33.56 -1.50 1.92	35.25 -0.81 1.08	31.44 -0.68 1.07	29.14 -1.02 1.04	28.79 -1.17 1.09	25.24 -0.89 0.39	21.81 -0.69 0.03
NIAGARA____ 23760	27.52 -0.70 0.52	23.61 -0.65 0.00	18.22 -0.79 0.00	19.28 -0.89 0.00	19.70 -0.81 0.00	24.43 -0.85 0.56	21.53 -0.80 3.86	20.55 -0.61 0.69	19.69 -0.27 0.20	20.77 -0.18 0.16	22.10 -0.12 0.35	23.91 -0.03 0.00	23.17 -0.06 0.00	26.73 -0.14 0.41	22.56 -0.31 0.01	23.74 -0.55 0.09	27.62 -0.63 0.70	34.16 -0.89 1.93	35.83 -0.22 1.08	31.90 -0.21 1.07	29.59 -0.56 1.04	29.21 -0.74 1.10	25.56 -0.57 0.39	22.07 -0.42 0.03
NINE_MILE_1 23575	28.01 -0.72 0.00	23.60 -0.65 0.00	18.45 -0.56 0.00	19.58 -0.59 0.00	19.94 -0.58 0.00	20.77 -0.69 4.38	1.59 -0.70 23.90	15.94 -0.57 5.33	19.69 -0.49 0.00	20.62 -0.49 0.00	22.07 -0.49 0.00	23.42 -0.52 0.00	22.74 -0.49 0.00	23.57 -0.53 3.18	22.40 -0.40 0.07	23.26 -0.44 0.69	23.06 -0.49 5.40	21.48 -0.65 14.85	28.17 -0.65 8.31	24.34 -0.59 8.26	22.59 -0.59 8.01	21.95 -0.66 8.44	22.84 -0.64 3.04	21.76 -0.56 0.19
NINE_MILE_2 23744	28.01 -0.72 0.00	23.60 -0.65 0.00	18.45 -0.56 0.00	19.58 -0.59 0.00	19.94 -0.58 0.00	20.71 -0.69 4.44	1.28 -0.70 24.21	15.87 -0.57 5.40	19.69 -0.49 0.00	20.62 -0.49 0.00	22.07 -0.49 0.00	23.42 -0.52 0.00	22.74 -0.49 0.00	23.53 -0.53 3.23	22.40 -0.40 0.07	23.25 -0.44 0.70	22.99 -0.49 5.47	21.29 -0.65 15.04	28.07 -0.65 8.42	24.23 -0.59 8.37	22.48 -0.59 8.12	21.84 -0.66 8.55	22.80 -0.64 3.08	21.76 -0.56 0.20
NM_CAPITAL___DRP 24208	29.28 0.55 0.00	24.81 0.55 0.00	19.63 0.63 0.00	20.85 0.68 0.00	21.20 0.69 0.00	26.61 0.76 0.00	26.84 0.65 0.00	22.25 0.41 0.00	20.51 0.33 0.00	21.32 0.21 0.00	22.79 0.22 0.00	24.12 0.19 0.00	23.44 0.21 0.00	27.68 0.39 0.00	23.44 0.56 0.00	24.99 0.61 0.00	29.70 0.75 0.00	37.98 1.01 0.00	38.26 1.13 0.00	34.24 1.05 0.00	32.25 1.06 0.00	32.09 1.05 0.00	27.14 0.62 0.00	23.09 0.57 0.00
NM_CENTRAL___DRP 24181	28.65 -0.09 0.00	24.12 -0.13 0.00	18.83 -0.17 0.00	20.00 -0.16 0.00	20.37 -0.14 0.00	25.45 -0.12 0.28	24.58 -0.09 1.53	21.46 -0.04 0.34	20.18 0.00 0.00	21.16 0.05 0.00	22.67 0.10 0.00	24.07 0.13 0.00	23.36 0.13 0.00	27.28 0.20 0.20	23.09 0.22 0.00	24.60 0.26 0.04	28.99 0.39 0.35	36.49 0.46 0.95	37.00 0.40 0.53	32.98 0.32 0.53	30.92 0.24 0.51	30.64 0.13 0.54	26.33 0.01 0.19	22.50 -0.01 0.01
NM_FRONTIER___DRP 24179	27.77 -0.97 0.00	23.46 -0.81 0.00	18.09 -0.92 0.00	19.13 -1.03 0.00	19.55 -0.96 0.00	24.21 -1.07 0.57	21.91 -1.20 3.08	20.22 -0.93 0.69	19.61 -0.56 0.00	20.64 -0.47 0.00	22.14 -0.43 0.00	23.60 -0.34 0.00	22.87 -0.36 0.00	26.36 -0.51 0.41	22.25 -0.62 0.01	23.38 -0.91 0.09	27.16 -1.09 0.70	33.56 -1.50 1.92	35.25 -0.81 1.08	31.44 -0.68 1.07	29.14 -1.02 1.04	28.79 -1.17 1.09	25.24 -0.89 0.39	21.81 -0.69 0.03

NM_ST_REGIS___HYD 24053	29.08 0.35 0.00	24.47 0.21 0.00	18.99 -0.01 0.00	19.99 -0.18 0.00	20.27 -0.24 0.00	25.61 -0.23 0.00	26.25 0.06 0.00	21.97 0.13 0.00	20.30 0.12 0.00	21.31 0.20 0.00	22.74 0.18 0.00	24.16 0.22 0.00	23.42 0.19 0.00	27.22 -0.07 0.00	22.61 -0.26 0.00	24.10 -0.29 0.00	28.11 -0.84 0.00	35.65 -1.33 0.00	35.93 -1.21 0.00	31.79 -1.08 0.31	19.71 -1.05 10.43	39.19 -0.73 -8.86	26.43 -0.09 0.00	22.29 -0.23 0.00
NORTHPORT___1 23551	30.28 1.55 0.00	25.63 1.37 0.00	20.12 1.12 0.00	21.43 1.27 0.00	20.79 1.30 1.02	23.21 1.93 4.56	25.29 1.80 2.71	23.37 1.54 0.00	20.25 1.33 1.25	19.08 1.59 3.62	21.05 1.48 3.00	22.66 1.68 2.96	21.81 1.47 2.89	26.53 1.92 2.68	21.88 2.08 3.08	23.54 2.21 3.06	29.19 2.61 2.37	37.88 2.89 1.99	37.09 2.97 3.01	32.39 2.30 3.10	31.13 2.34 2.41	30.47 2.83 3.41	24.73 2.04 3.84	20.53 1.81 3.80
NORTHPORT___2 23552	30.28 1.55 0.00	25.63 1.37 0.00	20.12 1.12 0.00	21.43 1.27 0.00	20.79 1.30 1.02	23.21 1.93 4.56	25.29 1.80 2.71	23.37 1.54 0.00	20.25 1.33 1.25	19.08 1.59 3.62	21.05 1.48 3.00	22.66 1.68 2.96	21.81 1.47 2.89	26.53 1.92 2.68	21.88 2.08 3.08	23.54 2.21 3.06	29.19 2.61 2.37	37.88 2.89 1.99	37.09 2.97 3.01	32.39 2.30 3.10	31.13 2.34 2.41	30.47 2.83 3.41	24.73 2.04 3.84	20.53 1.81 3.80
NORTHPORT___3 23553	30.00 1.26 0.00	25.38 1.11 0.00	19.92 0.92 0.00	21.23 1.06 0.00	20.56 1.09 1.04	22.83 1.63 4.65	24.95 1.52 2.76	23.13 1.30 0.01	20.00 1.11 1.28	18.77 1.36 3.68	20.76 1.25 3.06	22.30 1.38 3.01	21.46 1.18 2.95	26.13 1.57 2.73	21.52 1.78 3.14	23.18 1.91 3.11	28.85 2.30 2.41	37.57 2.61 2.02	36.75 2.68 3.07	32.07 2.04 3.16	30.80 2.06 2.45	30.10 2.52 3.47	24.37 1.76 3.91	20.22 1.58 3.89
NORTHPORT___4 23650	30.00 1.26 0.00	25.38 1.11 0.00	19.92 0.92 0.00	21.23 1.06 0.00	20.56 1.09 1.04	22.83 1.63 4.65	24.95 1.52 2.76	23.13 1.30 0.01	20.00 1.11 1.28	18.77 1.36 3.68	20.76 1.25 3.06	22.30 1.38 3.01	21.46 1.18 2.95	26.13 1.57 2.73	21.52 1.78 3.14	23.18 1.91 3.11	28.85 2.30 2.41	37.57 2.61 2.02	36.75 2.68 3.07	32.07 2.04 3.16	30.80 2.06 2.45	30.10 2.52 3.47	24.37 1.76 3.91	20.22 1.58 3.89
NORTHPORT___IC 23718	30.30 1.57 0.00	25.63 1.37 0.00	20.12 1.12 0.00	21.43 1.27 0.00	20.79 1.31 1.02	23.20 1.92 4.56	25.30 1.81 2.71	23.39 1.56 0.00	20.27 1.36 1.25	19.05 1.56 3.62	21.07 1.50 3.00	22.67 1.69 2.96	21.83 1.49 2.89	26.55 1.94 2.68	21.87 2.08 3.08	23.55 2.22 3.06	29.22 2.64 2.37	37.91 2.93 1.99	37.17 3.05 3.01	32.44 2.36 3.10	31.16 2.37 2.41	30.48 2.83 3.41	24.74 2.05 3.84	20.53 1.81 3.80
NORTH___COUNTRY_ESR 323785	29.04 0.31 0.00	24.48 0.22 0.00	18.83 -0.18 0.00	19.70 -0.47 0.00	19.95 -0.57 0.00	25.13 -0.72 0.00	25.98 -0.22 0.00	21.88 0.04 0.00	20.25 0.08 0.00	21.29 0.18 0.00	22.76 0.20 0.00	24.22 0.28 0.00	23.49 0.26 0.00	27.20 -0.08 0.00	22.60 -0.27 0.00	24.12 -0.27 0.00	28.32 -0.63 0.00	36.20 -0.78 0.00	36.49 -0.64 0.00	32.04 -0.78 0.37	12.46 -1.14 17.60	-11.35 -1.72 40.68	26.08 -0.45 0.00	21.86 -0.66 0.00
NPX_GEN_1385_PROXY 323591	30.28 1.55 0.00	25.63 1.37 0.00	20.12 1.12 0.00	21.43 1.27 0.00	20.79 1.30 1.02	23.21 1.93 4.56	25.29 1.80 2.71	23.37 1.54 0.00	20.25 1.33 1.25	19.08 1.59 3.62	21.05 1.48 3.00	22.66 1.68 2.96	21.81 1.47 2.89	26.53 1.92 2.68	21.88 2.08 3.08	23.54 2.21 3.06	29.19 2.61 2.37	37.88 2.89 1.99	37.09 2.97 3.01	32.39 2.30 3.10	31.13 2.34 2.41	30.47 2.83 3.41	24.73 2.04 3.84	20.53 1.81 3.80
NPX_GEN_CSC 323557	30.07 1.34 0.00	25.39 1.13 0.00	19.92 0.92 0.00	21.22 1.05 0.00	20.68 1.09 0.92	23.40 1.68 4.12	25.41 1.67 2.45	23.42 1.58 0.00	20.30 1.26 1.13	19.31 1.48 3.27	21.13 1.28 2.71	22.68 1.41 2.67	21.86 1.25 2.61	26.57 1.70 2.42	22.00 1.90 2.78	23.69 2.07 2.77	29.26 2.46 2.15	37.95 2.80 1.82	37.36 2.96 2.74	32.64 2.27 2.82	31.35 2.34 2.19	30.76 2.81 3.10	25.01 1.97 3.49	20.79 1.67 3.40
NSINS_S_GLNS_FALLS 23858	29.75 1.01 0.00	25.26 1.00 0.00	19.90 0.90 0.00	21.18 1.01 0.00	21.59 1.08 0.00	27.19 1.34 0.00	27.54 1.35 0.00	22.88 1.04 0.00	21.00 0.83 0.00	21.87 0.76 0.00	23.32 0.76 0.00	24.77 0.83 0.00	24.08 0.85 0.00	28.56 1.28 0.00	24.16 1.28 0.00	25.84 1.46 0.00	30.60 1.65 0.00	39.29 2.31 0.00	39.67 2.53 0.00	35.38 2.19 0.00	33.49 2.29 0.00	33.21 2.16 0.00	28.18 1.66 0.00	23.83 1.31 0.00
NUCOR_STEEL___DRP 24197	29.07 0.33 0.00	24.47 0.21 0.00	19.10 0.09 0.00	20.20 0.03 0.00	20.59 0.08 0.00	26.15 0.31 0.00	26.44 0.25 0.00	22.08 0.24 0.00	20.41 0.23 0.00	21.38 0.27 0.00	22.94 0.37 0.00	24.39 0.46 0.00	23.71 0.48 0.00	27.90 0.62 0.00	23.45 0.58 0.00	25.04 0.65 0.00	29.87 0.92 0.00	38.11 1.14 0.00	38.10 0.97 0.00	34.17 0.98 0.00	32.08 0.89 0.00	31.66 0.61 0.00	26.86 0.34 0.00	22.75 0.23 0.00
NUMBER_THREE_WT_PWR 323818	29.10 0.37 0.00	24.21 -0.05 0.00	18.81 -0.19 0.00	19.88 -0.28 0.00	20.12 -0.39 0.00	25.65 -0.19 0.00	26.22 0.03 0.00	21.93 0.09 0.00	20.38 0.21 0.00	21.52 0.41 0.00	23.03 0.46 0.00	24.46 0.52 0.00	23.77 0.54 0.00	27.77 0.49 0.00	23.20 0.32 0.00	24.69 0.31 0.00	29.58 0.63 0.00	37.50 0.52 0.00	37.49 0.36 0.00	33.57 0.46 0.08	29.42 0.90 2.67	33.33 0.76 -1.52	26.67 0.15 0.00	22.29 -0.23 0.00
NYISO_LBMP_REFERENCE 24008	28.74 0.00 0.00	24.26 0.00 0.00	19.00 0.00 0.00	20.17 0.00 0.00	20.51 0.00 0.00	25.85 0.00 0.00	26.19 0.00 0.00	21.84 0.00 0.00	20.17 0.00 0.00	21.10 0.00 0.00	22.57 0.00 0.00	23.94 0.00 0.00	23.23 0.00 0.00	27.28 0.00 0.00	22.88 0.00 0.00	24.38 0.00 0.00	28.95 0.00 0.00	36.98 0.00 0.00	37.13 0.00 0.00	33.19 0.00 0.00	31.19 0.00 0.00	31.05 0.00 0.00	26.52 0.00 0.00	22.52 0.00 0.00
NYPA_BRENTWD____GT 24164	30.62 1.89 0.00	25.86 1.60 0.00	20.29 1.29 0.00	21.62 1.45 0.00	21.29 1.49 0.71	24.81 2.14 3.17	26.42 2.11 1.88	23.65 1.82 0.00	20.86 1.56 0.87	20.37 1.78 2.51	22.21 1.73 2.09	23.80 1.92 2.05	22.97 1.75 2.01	27.67 2.25 1.86	23.07 2.33 2.14	24.77 2.54 2.15	30.31 3.05 1.68	38.78 3.25 1.45	38.37 3.39 2.15	33.69 2.71 2.20	32.28 2.80 1.71	31.93 3.30 2.42	26.23 2.44 2.73	22.07 2.09 2.53
NYPA_GOWANUS____GT5 24156	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.03 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.22 2.00 -25.93	68.16 2.03 -43.25	91.76 2.27 -65.10	90.36 2.79 -58.62	40.79 3.81 0.00	40.73 3.59 0.00	36.25 3.06 0.00	34.12 2.93 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00

NYPA_GOWANUS____GT6 24157	34.07 1.72 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.90 -2.19	197.52 1.51 -174.16	179.61 1.24 -158.20	52.13 1.31 -29.72	48.03 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.22 2.00 -25.93	68.16 2.03 -43.25	91.76 2.27 -65.10	90.36 2.79 -58.62	40.79 3.81 0.00	40.73 3.59 0.00	36.25 3.06 0.00	34.12 2.93 0.00	34.04 2.99 0.00	28.70 2.18 0.00	24.28 1.76 0.00
NYPA_HARLEM__RVR_GT1 24160	30.30 1.57 0.01	25.58 1.32 0.00	20.11 1.10 0.00	21.47 1.30 0.00	21.83 1.32 0.00	27.54 1.69 0.00	30.16 1.80 -2.18	206.54 1.53 -183.18	179.58 1.21 -158.20	52.11 1.29 -29.72	36.75 1.36 -12.83	31.93 1.41 -6.58	56.80 1.33 -32.23	55.13 1.91 -25.93	68.08 1.96 -43.25	91.67 2.18 -65.10	90.28 2.71 -58.62	40.68 3.70 0.00	40.57 3.43 0.00	36.06 2.88 0.00	33.94 2.75 0.00	33.79 2.74 0.00	28.59 2.07 0.00	24.19 1.68 0.00
NYPA_HARLEM__RVR_GT2 24161	30.30 1.57 0.01	25.58 1.32 0.00	20.11 1.10 0.00	21.47 1.30 0.00	21.83 1.32 0.00	27.54 1.69 0.00	30.16 1.80 -2.18	206.54 1.53 -183.18	179.58 1.21 -158.20	52.11 1.29 -29.72	36.75 1.36 -12.83	31.93 1.41 -6.58	56.80 1.33 -32.23	55.13 1.91 -25.93	68.08 1.96 -43.25	91.67 2.18 -65.10	90.28 2.71 -58.62	40.68 3.70 0.00	40.57 3.43 0.00	36.06 2.88 0.00	33.94 2.75 0.00	33.79 2.74 0.00	28.59 2.07 0.00	24.19 1.68 0.00
NYPA_KENT____GT 24152	32.53 1.68 -2.12	25.64 1.39 0.00	20.15 1.14 0.00	21.47 1.30 0.00	21.83 1.33 0.00	27.58 1.73 0.00	30.26 1.89 -2.19	197.54 1.54 -174.16	179.62 1.25 -158.20	52.13 1.31 -29.72	48.03 1.40 -24.06	51.66 1.47 -26.26	56.86 1.40 -32.23	55.21 1.99 -25.93	68.14 2.02 -43.25	91.74 2.25 -65.10	90.35 2.78 -58.62	40.74 3.77 0.00	40.69 3.55 0.00	36.20 3.01 0.00	34.07 2.88 0.00	33.98 2.93 0.00	28.69 2.17 0.00	24.27 1.75 0.00
NYPA_POUCH1____GT 24155	33.98 1.64 -3.61	25.61 1.35 0.00	20.12 1.11 0.00	21.45 1.28 0.00	21.81 1.30 0.00	27.55 1.71 0.00	30.22 1.85 -2.19	197.42 1.41 -174.16	179.49 1.12 -158.20	52.03 1.21 -29.72	47.98 1.35 -24.06	51.61 1.41 -26.26	56.81 1.35 -32.23	55.15 1.93 -25.93	68.10 1.98 -43.25	91.70 2.22 -65.10	90.30 2.73 -58.62	40.74 3.77 0.00	40.71 3.58 0.00	36.26 3.07 0.00	34.14 2.94 0.00	34.00 2.95 0.00	28.65 2.13 0.00	24.24 1.72 0.00
NYPA_VERNON____GT2 24162	31.00 1.64 -0.63	25.62 1.36 0.00	20.13 1.13 0.00	21.46 1.29 0.00	21.82 1.31 0.00	27.56 1.71 0.00	30.24 1.87 -2.19	197.57 1.57 -174.16	179.64 1.27 -158.20	52.15 1.32 -29.72	48.05 1.42 -24.06	51.68 1.48 -26.26	56.87 1.41 -32.23	55.22 2.00 -25.93	68.15 2.03 -43.25	91.74 2.26 -65.10	90.34 2.77 -58.62	40.74 3.76 0.00	40.68 3.55 0.00	36.18 2.99 0.00	34.04 2.85 0.00	33.92 2.87 0.00	28.67 2.15 0.00	24.26 1.74 0.00
NYPA_VERNON____GT3 24163	31.00 1.64 -0.63	25.62 1.36 0.00	20.13 1.13 0.00	21.46 1.29 0.00	21.82 1.31 0.00	27.56 1.71 0.00	30.24 1.87 -2.19	197.57 1.57 -174.16	179.64 1.27 -158.20	52.15 1.32 -29.72	48.05 1.42 -24.06	51.68 1.48 -26.26	56.87 1.41 -32.23	55.22 2.00 -25.93	68.15 2.03 -43.25	91.74 2.26 -65.10	90.34 2.77 -58.62	40.74 3.76 0.00	40.68 3.55 0.00	36.18 2.99 0.00	34.04 2.85 0.00	33.92 2.87 0.00	28.67 2.15 0.00	24.26 1.74 0.00
NYPA__ASTORIA_CC1 323568	30.34 1.60 0.00	25.59 1.33 0.00	20.11 1.10 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.68 0.00	30.22 1.84 -2.19	197.55 1.54 -174.16	179.61 1.23 -158.20	52.11 1.28 -29.72	48.01 1.38 -24.06	51.63 1.44 -26.26	56.82 1.36 -32.23	55.16 1.95 -25.93	68.10 1.98 -43.25	91.68 2.20 -65.10	90.28 2.71 -58.62	40.67 3.69 0.00	40.62 3.48 0.00	36.13 2.94 0.00	34.00 2.81 0.00	33.89 2.84 0.00	28.64 2.12 0.00	24.24 1.72 0.00
NYPA__ASTORIA_CC2 323569	30.34 1.60 0.00	25.59 1.33 0.00	20.11 1.10 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.68 0.00	30.22 1.84 -2.19	197.55 1.54 -174.16	179.61 1.23 -158.20	52.11 1.28 -29.72	48.01 1.38 -24.06	51.63 1.44 -26.26	56.82 1.36 -32.23	55.16 1.95 -25.93	68.10 1.98 -43.25	91.68 2.20 -65.10	90.28 2.71 -58.62	40.67 3.69 0.00	40.62 3.48 0.00	36.13 2.94 0.00	34.00 2.81 0.00	33.89 2.84 0.00	28.64 2.12 0.00	24.24 1.72 0.00
NYPA__HOLTSVILL 23794	30.27 1.54 0.00	25.56 1.30 0.00	20.06 1.06 0.00	21.37 1.20 0.00	20.82 1.24 0.94	23.52 1.86 4.19	25.52 1.82 2.48	23.48 1.64 0.00	20.40 1.38 1.15	19.38 1.60 3.32	21.25 1.44 2.76	22.82 1.59 2.71	21.99 1.42 2.66	26.72 1.90 2.46	22.12 2.07 2.83	23.81 2.24 2.81	29.40 2.63 2.18	38.11 2.97 1.84	37.47 3.12 2.78	32.76 2.43 2.86	31.43 2.46 2.22	30.86 2.95 3.14	25.09 2.11 3.54	20.86 1.80 3.46
NYPA____HELLGATE_GT1 24158	30.30 1.57 0.01	25.58 1.32 0.00	20.11 1.10 0.00	21.47 1.30 0.00	21.83 1.32 0.00	27.54 1.69 0.00	30.16 1.80 -2.18	188.49 1.53 -165.13	179.58 1.21 -158.20	52.10 1.27 -29.72	34.40 1.33 -10.49	27.83 1.39 -2.50	56.79 1.32 -32.23	55.13 1.91 -25.93	68.08 1.96 -43.25	91.67 2.18 -65.10	90.28 2.71 -58.62	40.68 3.70 0.00	40.57 3.43 0.00	36.06 2.88 0.00	33.94 2.75 0.00	33.79 2.74 0.00	28.59 2.07 0.00	24.19 1.68 0.00
NYPA____HELLGATE_GT2 24159	30.30 1.57 0.01	25.58 1.32 0.00	20.11 1.10 0.00	21.47 1.30 0.00	21.83 1.32 0.00	27.54 1.69 0.00	30.16 1.80 -2.18	188.49 1.53 -165.13	179.58 1.21 -158.20	52.10 1.27 -29.72	34.40 1.33 -10.49	27.83 1.39 -2.50	56.79 1.32 -32.23	55.13 1.91 -25.93	68.08 1.96 -43.25	91.67 2.18 -65.10	90.28 2.71 -58.62	40.68 3.70 0.00	40.57 3.43 0.00	36.06 2.88 0.00	33.94 2.75 0.00	33.79 2.74 0.00	28.59 2.07 0.00	24.19 1.68 0.00
NYS_BARGE__HYD 23848	27.90 -0.37 0.47	23.87 -0.39 0.00	18.40 -0.60 0.00	19.46 -0.70 0.00	19.90 -0.61 0.00	24.69 -0.60 0.57	21.85 -0.56 3.78	20.81 -0.34 0.69	19.97 -0.01 0.19	21.04 0.08 0.15	22.42 0.17 0.32	24.23 0.29 0.00	23.50 0.27 0.00	27.15 0.27 0.41	22.93 0.06 0.01	24.14 -0.15 0.09	28.00 -0.24 0.70	34.62 -0.44 1.93	36.30 0.24 1.08	32.40 0.29 1.07	30.05 -0.10 1.04	29.64 -0.31 1.09	25.93 -0.19 0.39	22.36 -0.13 0.03
OAK ORCHARD__HYD 24046	28.58 0.08 0.24	24.23 -0.03 0.00	18.78 -0.23 0.00	19.89 -0.28 0.00	20.29 -0.22 0.00	25.12 -0.12 0.61	22.46 -0.04 3.69	21.14 0.04 0.74	20.32 0.24 0.09	21.40 0.37 0.07	22.90 0.49 0.15	24.57 0.64 0.00	23.85 0.62 0.00	27.61 0.77 0.44	23.47 0.61 0.01	24.85 0.57 0.10	28.75 0.56 0.75	35.53 0.61 2.06	36.94 0.96 1.16	32.94 0.90 1.15	30.68 0.60 1.11	30.29 0.42 1.17	26.38 0.28 0.42	22.69 0.20 0.03
OAKDALE__35_KV_LOAD 356122	29.04 0.30 0.00	24.47 0.21 0.00	19.10 0.09 0.00	20.33 0.16 0.00	20.73 0.22 0.00	26.08 0.38 0.15	25.77 0.39 0.81	22.06 0.41 0.18	20.62 0.44 0.00	21.60 0.49 0.00	23.10 0.53 0.00	24.49 0.56 0.00	23.77 0.53 0.00	27.98 0.80 0.11	23.59 0.72 0.00	25.13 0.76 0.02	29.80 1.04 0.18	37.70 1.23 0.51	38.03 1.18 0.28	33.86 0.96 0.28	31.74 0.82 0.27	31.50 0.74 0.29	26.89 0.47 0.10	22.85 0.34 0.01

OCC_CHEM___DRP 24175	27.83 -0.91 0.00	23.51 -0.75 0.00	18.12 -0.88 0.00	19.17 -0.99 0.00	19.59 -0.92 0.00	24.27 -1.01 0.57	21.98 -1.13 3.08	20.28 -0.87 0.69	19.66 -0.51 0.00	20.70 -0.41 0.00	22.21 -0.36 0.00	23.67 -0.27 0.00	22.94 -0.29 0.00	26.45 -0.42 0.41	22.31 -0.56 0.01	23.45 -0.84 0.09	27.25 -1.00 0.70	33.67 -1.39 1.92	35.36 -0.70 1.07	31.54 -0.58 1.07	29.23 -0.93 1.04	28.88 -1.08 1.09	25.31 -0.82 0.39	21.86 -0.63 0.03
OH_GEN_PROXY 24063	27.51 -0.65 0.58	23.65 -0.61 0.00	18.25 -0.75 0.00	19.33 -0.84 0.00	19.74 -0.77 0.00	24.48 -0.79 0.57	21.46 -0.73 4.00	20.60 -0.54 0.70	19.73 -0.22 0.23	20.80 -0.13 0.17	22.11 -0.07 0.39	23.97 0.03 0.00	23.22 -0.01 0.00	26.81 -0.06 0.42	22.63 -0.24 0.01	23.83 -0.46 0.09	27.71 -0.53 0.71	34.27 -0.75 1.95	35.91 -0.14 1.09	31.96 -0.14 1.08	29.65 -0.49 1.05	29.28 -0.66 1.11	25.60 -0.52 0.40	22.12 -0.38 0.03
OLIN_CORP_DRP 24177	27.82 -0.92 0.00	23.50 -0.76 0.00	18.13 -0.88 0.00	19.17 -1.00 0.00	19.59 -0.92 0.00	24.28 -1.01 0.56	22.12 -1.03 3.04	20.41 -0.75 0.68	19.78 -0.39 0.00	20.81 -0.30 0.00	22.33 -0.24 0.00	23.80 -0.14 0.00	23.07 -0.16 0.00	26.62 -0.26 0.40	22.46 -0.41 0.01	23.62 -0.67 0.09	27.43 -0.83 0.69	33.90 -1.18 1.90	35.58 -0.49 1.06	31.76 -0.37 1.06	29.43 -0.74 1.02	29.05 -0.92 1.08	25.46 -0.67 0.39	21.98 -0.51 0.02
OLIN_CORP_DSASP 323712	27.37 -0.84 0.52	23.50 -0.76 0.00	18.12 -0.88 0.00	19.17 -0.99 0.00	19.59 -0.92 0.00	24.25 -1.03 0.57	21.23 -1.10 3.86	20.31 -0.84 0.69	19.49 -0.48 0.20	20.54 -0.40 0.16	21.86 -0.36 0.35	23.68 -0.26 0.00	22.95 -0.28 0.00	26.45 -0.43 0.41	22.32 -0.55 0.01	23.47 -0.83 0.09	27.26 -0.99 0.70	33.69 -1.37 1.92	35.38 -0.67 1.07	31.55 -0.57 1.07	29.24 -0.92 1.04	28.88 -1.08 1.09	25.30 -0.83 0.39	21.86 -0.63 0.03
ONEIDA_HERK_LFGE 323681	29.35 0.61 0.00	24.61 0.35 0.00	19.22 0.21 0.00	20.36 0.19 0.00	20.68 0.17 0.00	26.21 0.37 0.00	26.67 0.48 0.00	22.25 0.41 0.00	20.59 0.42 0.00	21.63 0.52 0.00	23.14 0.57 0.00	24.57 0.63 0.00	23.90 0.67 0.00	28.04 0.76 0.00	23.52 0.65 0.00	25.07 0.68 0.00	29.93 0.98 0.00	38.22 1.24 0.00	38.34 1.21 0.00	34.25 1.09 0.02	31.59 1.19 0.79	32.84 1.08 -0.71	27.14 0.62 0.00	22.85 0.33 0.00
ONEIDA___115KV_TB4 55905	29.61 0.87 0.00	24.90 0.64 0.00	19.46 0.46 0.00	20.65 0.48 0.00	21.02 0.51 0.00	26.46 0.75 0.14	26.23 0.82 0.79	22.33 0.66 0.17	20.77 0.60 0.00	21.78 0.67 0.00	23.31 0.74 0.00	24.76 0.82 0.00	24.12 0.88 0.00	28.27 1.09 0.10	23.84 0.96 0.00	25.37 1.01 0.02	30.15 1.38 0.17	38.43 1.94 0.48	38.84 1.98 0.27	34.60 1.68 0.27	32.52 1.59 0.26	32.22 1.45 0.27	27.42 1.00 0.10	23.24 0.73 0.01
ONONDAGA_REF_OCCRA 23987	28.85 0.12 0.00	24.28 0.03 0.00	18.96 -0.05 0.00	20.14 -0.03 0.00	20.51 0.00 0.00	25.72 0.07 0.20	25.23 0.10 1.07	21.72 0.12 0.24	20.32 0.14 0.00	21.29 0.18 0.00	22.80 0.24 0.00	24.22 0.28 0.00	23.52 0.28 0.00	27.54 0.40 0.14	23.27 0.40 0.00	24.81 0.45 0.03	29.36 0.65 0.24	37.12 0.80 0.66	37.48 0.72 0.37	33.44 0.62 0.37	31.36 0.52 0.36	31.09 0.41 0.38	26.60 0.22 0.14	22.65 0.14 0.01
ONONDAGA___COGEN 23986	28.80 0.06 0.00	24.24 -0.02 0.00	18.93 -0.07 0.00	20.10 -0.07 0.00	20.47 -0.04 0.00	25.88 0.03 0.00	26.24 0.05 0.00	21.91 0.07 0.00	20.27 0.09 0.00	21.25 0.14 0.00	22.75 0.18 0.00	24.17 0.23 0.00	23.47 0.24 0.00	27.65 0.36 0.00	23.24 0.37 0.00	24.79 0.41 0.00	29.52 0.58 0.00	37.67 0.69 0.00	37.74 0.61 0.00	33.73 0.54 0.00	31.65 0.46 0.00	31.36 0.31 0.00	26.65 0.13 0.00	22.59 0.07 0.00
ONTARIO___LFGE 23819	29.10 0.36 0.00	24.39 0.13 0.00	18.94 -0.07 0.00	20.13 -0.04 0.00	20.55 0.03 0.00	25.71 0.22 0.37	24.55 0.37 2.01	21.81 0.42 0.45	20.68 0.51 0.00	21.69 0.58 0.00	23.17 0.60 0.00	24.60 0.67 0.00	23.94 0.71 0.00	27.94 0.92 0.27	23.66 0.79 0.01	25.09 0.77 0.06	29.77 1.28 0.45	37.06 1.33 1.25	37.92 1.48 0.70	33.79 1.30 0.70	31.52 1.00 0.67	31.12 0.78 0.71	26.77 0.50 0.26	22.79 0.28 0.02
ORANGEVILLE_WT_PWR 323706	28.33 -0.29 0.12	23.72 -0.54 0.00	18.31 -0.70 0.00	19.44 -0.73 0.00	19.86 -0.65 0.00	24.80 -0.57 0.47	23.05 -0.38 2.76	21.16 -0.10 0.58	20.38 0.25 0.05	21.44 0.37 0.04	22.86 0.37 0.08	24.22 0.28 0.00	23.40 0.17 0.00	27.15 0.21 0.34	22.73 -0.14 0.01	24.00 -0.31 0.08	28.45 0.08 0.58	35.32 -0.04 1.61	36.53 0.29 0.90	32.61 0.31 0.90	30.31 -0.01 0.87	29.70 -0.43 0.92	25.80 -0.39 0.33	22.07 -0.43 0.02
ORANGEVILLE___ESR 323794	28.33 -0.29 0.12	23.72 -0.54 0.00	18.31 -0.70 0.00	19.44 -0.73 0.00	19.86 -0.65 0.00	24.80 -0.57 0.47	23.05 -0.38 2.76	21.16 -0.10 0.58	20.38 0.25 0.05	21.44 0.37 0.04	22.86 0.37 0.08	24.22 0.28 0.00	23.40 0.17 0.00	27.15 0.21 0.34	22.73 -0.14 0.01	24.00 -0.31 0.08	28.45 0.08 0.58	35.32 -0.04 1.61	36.53 0.29 0.90	32.61 0.31 0.90	30.31 -0.01 0.87	29.70 -0.43 0.92	25.80 -0.39 0.33	22.07 -0.43 0.02
OSWEGATCHIE___HYD 24044	29.06 0.33 0.00	24.32 0.06 0.00	18.92 -0.09 0.00	19.97 -0.19 0.00	20.26 -0.25 0.00	25.76 -0.09 0.00	26.30 0.11 0.00	21.95 0.11 0.00	20.30 0.12 0.00	21.35 0.24 0.00	22.80 0.23 0.00	24.21 0.27 0.00	23.48 0.25 0.00	27.38 0.10 0.00	22.89 0.02 0.00	24.37 -0.01 0.00	28.80 -0.15 0.00	36.48 -0.50 0.00	36.64 -0.49 0.00	32.66 -0.33 0.20	24.20 -0.06 6.93	34.64 0.13 -3.47	26.60 0.08 0.00	22.36 -0.16 0.00
OSWEGO___5 23606	28.24 -0.50 0.00	23.79 -0.47 0.00	18.59 -0.42 0.00	19.73 -0.44 0.00	20.09 -0.42 0.00	27.11 -0.49 -1.75	35.22 -0.49 -9.52	23.58 -0.38 -2.12	19.85 -0.32 0.00	20.80 -0.31 0.00	22.26 -0.31 0.00	23.62 -0.32 0.00	22.93 -0.30 0.00	28.26 -0.29 -1.27	22.71 -0.20 -0.03	24.43 -0.23 -0.28	30.86 -0.24 -2.15	42.57 -0.32 -5.91	40.11 -0.33 -3.31	36.18 -0.30 -3.29	34.06 -0.33 -3.19	34.01 -0.40 -3.36	27.31 -0.43 -1.21	22.21 -0.38 -0.08
OSWEGO___6 23613	28.24 -0.50 0.00	23.79 -0.47 0.00	18.59 -0.42 0.00	19.73 -0.44 0.00	20.09 -0.42 0.00	27.11 -0.49 -1.75	35.22 -0.49 -9.52	23.58 -0.38 -2.12	19.85 -0.32 0.00	20.80 -0.31 0.00	22.26 -0.31 0.00	23.62 -0.32 0.00	22.93 -0.30 0.00	28.26 -0.29 -1.27	22.71 -0.20 -0.03	24.43 -0.23 -0.28	30.86 -0.24 -2.15	42.57 -0.32 -5.91	40.11 -0.33 -3.31	36.18 -0.30 -3.29	34.06 -0.33 -3.19	34.01 -0.40 -3.36	27.31 -0.43 -1.21	22.21 -0.38 -0.08
OUTOKUMPU-AB___DRP 24206	28.56 -0.18 0.00	24.09 -0.17 0.00	18.55 -0.45 0.00	19.63 -0.54 0.00	20.07 -0.45 0.00	24.92 -0.37 0.55	22.80 -0.37 3.02	20.98 -0.18 0.67	20.31 0.14 0.00	21.42 0.31 0.00	22.99 0.42 0.00	24.49 0.56 0.00	23.77 0.53 0.00	27.47 0.59 0.40	23.14 0.27 0.01	24.31 0.02 0.09	28.28 0.02 0.69	35.04 -0.06 1.88	36.70 0.62 1.05	32.71 0.57 1.05	30.31 0.14 1.01	29.91 -0.07 1.07	26.14 0.00 0.39	22.51 0.02 0.02

OXBOW___BTM 323836	27.77 -0.44 0.52	23.81 -0.45 0.00	18.35 -0.65 0.00	19.41 -0.75 0.00	19.84 -0.67 0.00	24.61 -0.68 0.56	21.66 -0.70 3.83	20.67 -0.49 0.68	19.84 -0.13 0.20	20.93 -0.01 0.16	22.30 0.08 0.35	24.14 0.20 0.00	23.41 0.18 0.00	27.03 0.15 0.41	22.79 -0.08 0.01	23.94 -0.36 0.09	27.83 -0.43 0.69	34.44 -0.64 1.90	36.13 0.06 1.06	32.19 0.06 1.06	29.84 -0.33 1.02	29.45 -0.51 1.08	25.76 -0.37 0.39	22.22 -0.28 0.02
OXBOW____ 24026	28.23 -0.51 0.00	23.82 -0.44 0.00	18.35 -0.65 0.00	19.41 -0.75 0.00	19.85 -0.66 0.00	24.62 -0.67 0.56	22.41 -0.73 3.05	20.65 -0.51 0.68	20.01 -0.16 0.00	21.09 -0.02 0.00	22.64 0.07 0.00	24.13 0.19 0.00	23.41 0.18 0.00	27.02 0.14 0.41	22.77 -0.09 0.01	23.93 -0.37 0.09	27.81 -0.44 0.69	34.43 -0.65 1.90	36.10 0.03 1.06	32.18 0.06 1.06	29.82 -0.35 1.02	29.44 -0.52 1.08	25.76 -0.37 0.39	22.21 -0.28 0.02
OXY_CHEM_DSASP 323612	27.83 -0.91 0.00	23.51 -0.75 0.00	18.12 -0.88 0.00	19.17 -0.99 0.00	19.59 -0.92 0.00	24.27 -1.01 0.57	21.98 -1.13 3.08	20.28 -0.87 0.69	19.66 -0.51 0.00	20.70 -0.41 0.00	22.21 -0.36 0.00	23.67 -0.27 0.00	22.94 -0.29 0.00	26.45 -0.42 0.41	22.31 -0.56 0.01	23.45 -0.84 0.09	27.25 -1.00 0.70	33.67 -1.39 1.92	35.36 -0.70 1.07	31.54 -0.58 1.07	29.23 -0.93 1.04	28.88 -1.08 1.09	25.31 -0.82 0.39	21.86 -0.63 0.03
OZONE_PARK_ESR 323760	30.59 1.85 0.00	25.76 1.50 0.00	20.25 1.24 0.00	21.59 1.42 0.00	21.95 1.44 0.00	27.73 1.89 0.00	30.52 2.07 -2.26	203.32 1.76 -179.73	184.94 1.51 -163.25	53.35 1.58 -30.67	49.07 1.67 -24.83	52.79 1.76 -27.10	58.17 1.67 -33.26	56.36 2.32 -26.76	69.81 2.30 -44.63	94.13 2.56 -67.18	92.59 3.15 -60.49	41.15 4.17 0.00	41.12 3.99 0.00	36.56 3.37 0.00	34.39 3.20 0.00	34.21 3.16 0.00	28.87 2.35 0.00	24.43 1.92 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.83 -0.91 0.00	23.51 -0.75 0.00	18.12 -0.88 0.00	19.17 -0.99 0.00	19.59 -0.92 0.00	24.27 -1.01 0.57	21.98 -1.13 3.08	20.28 -0.87 0.69	19.66 -0.51 0.00	20.70 -0.41 0.00	22.21 -0.36 0.00	23.67 -0.27 0.00	22.94 -0.29 0.00	26.45 -0.42 0.41	22.31 -0.56 0.01	23.45 -0.84 0.09	27.25 -1.00 0.70	33.67 -1.39 1.92	35.36 -0.70 1.07	31.54 -0.58 1.07	29.23 -0.93 1.04	28.88 -1.08 1.09	25.31 -0.82 0.39	21.86 -0.63 0.03
PACKARD__115KV_DUPONT_184 80571	27.83 -0.91 0.00	23.51 -0.75 0.00	18.12 -0.88 0.00	19.17 -0.99 0.00	19.59 -0.92 0.00	24.27 -1.01 0.57	21.98 -1.13 3.08	20.28 -0.87 0.69	19.66 -0.51 0.00	20.70 -0.41 0.00	22.21 -0.36 0.00	23.67 -0.27 0.00	22.94 -0.29 0.00	26.45 -0.42 0.41	22.31 -0.56 0.01	23.45 -0.84 0.09	27.25 -1.00 0.70	33.67 -1.39 1.92	35.36 -0.70 1.07	31.54 -0.58 1.07	29.23 -0.93 1.04	28.88 -1.08 1.09	25.31 -0.82 0.39	21.86 -0.63 0.03
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.23 1.49 0.00	25.50 1.24 0.00	20.04 1.03 0.00	21.39 1.22 0.00	21.75 1.24 0.00	27.45 1.60 0.00	30.09 1.72 -2.19	184.54 1.45 -161.26	179.53 1.16 -158.20	52.03 1.20 -29.72	35.51 1.28 -11.66	29.81 1.33 -4.54	56.72 1.26 -32.23	55.05 1.84 -25.93	68.02 1.90 -43.25	91.60 2.12 -65.10	90.21 2.64 -58.62	40.61 3.63 0.00	40.49 3.35 0.00	36.02 2.83 0.00	33.90 2.70 0.00	33.75 2.70 0.00	28.52 2.00 0.00	24.13 1.61 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.24 1.50 0.00	25.52 1.26 0.00	20.07 1.07 0.00	21.42 1.26 0.00	21.85 1.34 0.00	27.58 1.74 0.00	30.12 1.74 -2.19	184.63 1.54 -161.26	179.63 1.26 -158.20	52.15 1.33 -29.72	35.64 1.41 -11.66	29.95 1.48 -4.54	56.86 1.40 -32.23	55.22 2.00 -25.93	68.15 2.03 -43.25	91.77 2.29 -65.10	90.41 2.84 -58.62	40.85 3.88 0.00	40.73 3.60 0.00	36.23 3.04 0.00	33.97 2.78 0.00	33.89 2.84 0.00	28.61 2.09 0.00	24.23 1.72 0.00
PATROON__115KV_TB1 80586	29.36 0.62 0.00	24.86 0.60 0.00	19.66 0.66 0.00	20.87 0.70 0.00	21.23 0.72 0.00	26.65 0.80 0.00	26.89 0.69 0.00	22.29 0.46 0.00	20.56 0.39 0.00	21.38 0.27 0.00	22.87 0.31 0.00	24.23 0.30 0.00	23.55 0.32 0.00	27.80 0.51 0.00	23.55 0.67 0.00	25.13 0.74 0.00	29.87 0.92 0.00	38.21 1.23 0.00	38.46 1.32 0.00	34.40 1.21 0.00	32.36 1.17 0.00	32.20 1.15 0.00	27.24 0.72 0.00	23.16 0.64 0.00
PATTRSNVILLE__SOLAR 323815	29.89 1.16 0.00	25.25 0.99 0.00	19.80 0.79 0.00	21.04 0.87 0.00	21.39 0.88 0.00	26.98 1.14 0.00	27.31 1.12 0.00	22.67 0.83 0.00	20.82 0.64 0.00	21.72 0.62 0.00	23.20 0.63 0.00	24.61 0.67 0.00	23.92 0.69 0.00	28.28 1.00 0.00	23.80 0.92 0.00	25.47 1.08 0.00	30.29 1.34 0.00	38.72 1.75 0.00	39.12 1.98 0.00	35.08 1.89 0.00	33.03 1.84 0.00	32.85 1.81 0.00	27.86 1.34 0.00	23.60 1.09 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.12 0.38 0.00	24.47 0.21 0.00	18.89 -0.11 0.00	20.04 -0.12 0.00	20.46 -0.05 0.00	25.47 0.14 0.52	23.62 0.26 2.83	21.60 0.40 0.63	20.90 0.73 0.00	22.00 0.89 0.00	23.58 1.01 0.00	25.08 1.14 0.00	24.31 1.08 0.00	28.15 1.25 0.38	23.71 0.84 0.01	24.94 0.64 0.08	29.06 0.75 0.64	36.06 0.85 1.77	37.57 1.43 0.99	33.40 1.19 0.98	31.00 0.76 0.95	30.60 0.55 1.00	26.68 0.52 0.36	22.96 0.46 0.02
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.30 1.56 0.00	25.54 1.28 0.00	20.08 1.07 0.00	21.40 1.24 0.00	21.76 1.26 0.00	27.45 1.60 0.00	27.94 1.75 0.00	23.32 1.49 0.00	21.46 1.29 0.00	22.45 1.34 0.00	24.00 1.43 0.00	25.45 1.51 0.00	24.70 1.47 0.00	29.36 2.08 0.00	24.99 2.11 0.00	26.76 2.38 0.00	31.90 2.96 0.00	40.86 3.88 0.00	40.87 3.74 0.00	36.31 3.12 0.00	34.11 2.92 0.00	33.92 2.87 0.00	28.59 2.07 0.00	24.17 1.65 0.00
PEEKSKILL____ 23653	30.00 1.26 0.00	25.31 1.05 0.00	19.89 0.89 0.00	21.21 1.04 0.00	21.57 1.06 0.00	27.24 1.39 0.00	27.71 1.52 0.00	23.12 1.28 0.00	21.25 1.08 0.00	22.25 1.15 0.00	23.75 1.18 0.00	25.16 1.23 0.00	24.40 1.16 0.00	29.01 1.73 0.00	24.69 1.81 0.00	26.43 2.04 0.00	31.47 2.53 0.00	40.30 3.32 0.00	40.24 3.11 0.00	35.74 2.56 0.00	33.61 2.42 0.00	33.43 2.38 0.00	28.21 1.69 0.00	23.90 1.38 0.00
PGE MADISON__WINDPWR 24146	30.40 1.53 -0.14	25.63 1.37 0.00	19.88 0.88 0.00	21.18 1.02 0.00	21.71 1.20 0.00	27.46 1.75 0.13	27.61 1.94 0.52	23.33 1.66 0.16	21.72 1.50 -0.05	22.69 1.54 -0.04	24.26 1.61 -0.09	25.56 1.62 0.00	24.95 1.72 0.00	29.26 2.07 0.10	24.60 1.72 0.00	26.27 1.91 0.02	31.40 2.61 0.16	39.99 3.46 0.45	40.76 3.87 0.25	36.44 3.50 0.25	34.00 3.05 0.24	33.94 3.15 0.26	28.61 2.18 0.09	23.90 1.39 0.01
PIERCEFIELD__HYD 23852	28.98 0.24 0.00	24.38 0.12 0.00	18.97 -0.04 0.00	20.00 -0.17 0.00	20.29 -0.22 0.00	25.65 -0.20 0.00	26.20 0.01 0.00	21.89 0.05 0.00	20.22 0.05 0.00	21.21 0.11 0.00	22.63 0.06 0.00	24.04 0.10 0.00	23.29 0.06 0.00	27.10 -0.18 0.00	22.52 -0.35 0.00	23.98 -0.40 0.00	27.92 -1.02 0.00	35.35 -1.63 0.00	35.60 -1.53 0.00	31.57 -1.31 0.30	19.56 -1.19 10.45	35.52 -0.63 -5.10	26.39 -0.13 0.00	22.30 -0.22 0.00

PINELAWN_CC_1 323563	30.45 1.71 0.00	25.71 1.45 0.00	20.16 1.15 0.00	21.46 1.29 0.00	21.84 1.33 0.00	27.79 1.94 0.00	28.08 1.89 0.00	23.47 1.64 0.00	21.60 1.43 0.00	22.73 1.62 0.00	24.08 1.52 0.00	25.62 1.68 0.00	24.72 1.49 0.00	29.26 1.97 0.00	25.00 2.12 0.00	26.66 2.28 0.00	31.73 2.78 0.00	40.24 3.26 0.00	40.54 3.40 0.00	35.89 2.71 0.00	33.91 2.71 0.00	34.17 3.12 0.00	28.78 2.26 0.00	25.05 1.93 -0.60
PJM_GEN_HTP_PROXY 323702	30.29 1.55 0.00	25.54 1.28 0.00	20.22 1.08 -0.14	21.41 1.24 0.00	21.77 1.26 0.00	27.50 1.65 0.00	30.35 1.80 -2.36	209.26 1.51 -185.90	190.32 1.28 -168.87	54.19 1.36 -31.72	49.68 1.43 -25.68	53.47 1.50 -28.03	59.06 1.43 -34.40	56.98 2.01 -27.68	71.10 2.06 -46.16	96.16 2.29 -69.49	94.34 2.81 -62.58	40.71 3.74 0.00	40.67 3.54 0.00	36.15 2.96 0.00	34.00 2.81 0.00	33.82 2.78 0.00	28.54 2.02 0.00	24.90 1.65 -0.74
PJM_GEN_KEystone 24065	28.38 0.40 0.76	24.52 0.26 0.00	19.23 0.08 -0.14	20.37 0.20 0.00	19.58 0.24 1.17	26.07 0.49 0.26	24.25 0.60 2.55	22.11 0.59 0.32	20.53 0.66 0.30	21.60 0.73 0.23	22.79 0.73 0.51	24.72 0.78 0.00	23.94 0.70 0.00	28.16 1.06 0.19	23.86 0.98 0.00	25.38 1.03 0.04	29.95 1.33 0.33	37.74 1.65 0.89	38.25 1.61 0.50	33.89 1.20 0.49	31.73 1.01 0.48	31.44 0.90 0.51	26.98 0.64 0.18	23.79 0.54 -0.73
PJM_GEN_NEPTUNE_PROXY 323594	30.16 1.43 0.00	25.47 1.21 0.00	20.15 1.00 -0.14	21.32 1.15 0.00	20.18 1.18 1.51	20.82 1.73 6.76	23.86 1.65 3.99	23.25 1.42 0.01	19.59 1.28 1.86	17.20 1.46 5.36	19.46 1.34 4.45	21.07 1.51 4.38	20.28 1.33 4.29	25.10 1.78 3.96	20.27 1.96 4.56	21.99 2.08 4.48	28.05 2.54 3.44	37.16 3.02 2.84	35.88 3.12 4.36	31.12 2.45 4.52	30.13 2.44 3.51	28.88 2.79 4.97	22.91 1.99 5.59	19.16 1.72 5.08
PJM_GEN_VFT_PROXY 323633	30.21 1.48 0.00	25.48 1.22 0.00	20.18 1.03 -0.14	21.36 1.19 0.00	21.72 1.21 0.00	27.45 1.60 0.00	30.23 1.76 -2.28	203.05 1.49 -179.73	184.65 1.22 -163.25	53.04 1.27 -30.67	48.72 1.31 -24.83	52.40 1.36 -27.10	57.79 1.30 -33.26	55.89 1.85 -26.76	69.43 1.92 -44.63	93.72 2.16 -67.18	92.10 2.65 -60.49	40.56 3.58 0.00	40.55 3.41 0.00	36.07 2.88 0.00	33.93 2.74 0.00	33.78 2.73 0.00	28.51 1.99 0.00	24.89 1.64 -0.74
PLATSBURG_115KV_PMLD1 355749	29.62 0.88 0.00	24.97 0.71 0.00	19.11 0.10 0.00	19.97 -0.20 0.00	20.19 -0.32 0.00	25.32 -0.52 0.00	26.36 0.16 0.00	22.28 0.44 0.00	20.64 0.47 0.00	21.70 0.60 0.00	23.26 0.70 0.00	24.75 0.81 0.00	24.01 0.78 0.00	27.77 0.49 0.00	23.07 0.19 0.00	24.59 0.20 0.00	28.68 -0.27 0.00	36.72 -0.25 0.00	37.13 0.00 0.00	32.48 -0.33 0.37	12.63 -0.97 17.59	-9.54 -1.95 38.63	26.45 -0.07 0.00	22.12 -0.40 0.00
PLEASANTVLY___LBMP 24000	29.81 1.07 0.00	25.16 0.90 0.00	19.81 0.81 0.00	21.13 0.96 0.00	21.48 0.97 0.00	27.06 1.22 0.00	27.51 1.32 0.00	22.92 1.09 0.00	21.07 0.90 0.00	22.03 0.92 0.00	23.55 0.98 0.00	24.94 1.00 0.00	24.18 0.95 0.00	28.70 1.42 0.00	24.41 1.54 0.00	26.11 1.72 0.00	31.08 2.13 0.00	39.79 2.81 0.00	39.81 2.68 0.00	35.42 2.23 0.00	33.33 2.14 0.00	33.20 2.15 0.00	28.01 1.49 0.00	23.74 1.21 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.01 1.28 0.00	25.33 1.07 0.00	19.92 0.91 0.00	21.23 1.06 0.00	21.59 1.07 0.00	27.23 1.38 0.00	27.68 1.49 0.00	23.10 1.26 0.00	21.24 1.07 0.00	22.22 1.11 0.00	23.75 1.18 0.00	25.16 1.22 0.00	24.40 1.17 0.00	28.99 1.71 0.00	24.66 1.79 0.00	26.38 1.99 0.00	31.42 2.47 0.00	40.22 3.25 0.00	40.21 3.08 0.00	35.74 2.55 0.00	33.63 2.44 0.00	33.57 2.52 0.00	28.33 1.81 0.00	24.00 1.49 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.01 1.28 0.00	25.33 1.07 0.00	19.92 0.91 0.00	21.23 1.06 0.00	21.59 1.07 0.00	27.23 1.38 0.00	27.68 1.49 0.00	23.10 1.26 0.00	21.24 1.07 0.00	22.22 1.11 0.00	23.75 1.18 0.00	25.16 1.22 0.00	24.40 1.17 0.00	28.99 1.71 0.00	24.66 1.79 0.00	26.38 1.99 0.00	31.42 2.47 0.00	40.22 3.25 0.00	40.21 3.08 0.00	35.74 2.55 0.00	33.63 2.44 0.00	33.57 2.52 0.00	28.33 1.81 0.00	24.00 1.49 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.12 1.38 0.00	25.40 1.15 0.00	19.99 0.98 0.00	21.30 1.14 0.00	21.66 1.15 0.00	27.30 1.45 0.00	27.76 1.57 0.00	23.15 1.32 0.00	21.29 1.12 0.00	22.25 1.15 0.00	23.79 1.22 0.00	25.21 1.27 0.00	24.46 1.23 0.00	29.07 1.79 0.00	24.73 1.86 0.00	26.48 2.09 0.00	31.57 2.62 0.00	40.47 3.49 0.00	40.51 3.38 0.00	36.03 2.85 0.00	33.86 2.67 0.00	33.69 2.64 0.00	28.39 1.87 0.00	24.01 1.49 0.00
POLETTI____ 23519	30.24 1.50 0.00	25.49 1.23 0.00	20.05 1.05 0.00	21.38 1.22 0.00	21.74 1.23 0.00	27.45 1.60 0.00	30.19 1.75 -2.26	203.05 1.47 -179.74	184.68 1.24 -163.27	53.07 1.29 -30.67	48.77 1.37 -24.83	52.47 1.43 -27.10	57.86 1.37 -33.26	56.00 1.95 -26.76	69.50 1.99 -44.63	93.80 2.23 -67.18	92.18 2.74 -60.50	40.62 3.65 0.00	40.59 3.45 0.00	36.09 2.90 0.00	33.95 2.76 0.00	33.77 2.72 0.00	28.52 2.00 0.00	24.15 1.63 0.00
POMONA___ESR 323819	29.97 1.23 0.00	25.28 1.02 0.00	19.85 0.85 0.00	21.17 1.00 0.00	21.52 1.02 0.00	27.20 1.35 0.00	27.66 1.47 0.00	23.08 1.24 0.00	21.29 1.12 0.00	22.31 1.20 0.00	23.73 1.16 0.00	25.11 1.18 0.00	24.34 1.11 0.00	28.98 1.70 0.00	24.70 1.83 0.00	26.46 2.08 0.00	31.52 2.57 0.00	40.33 3.35 0.00	40.21 3.07 0.00	35.66 2.47 0.00	33.50 2.31 0.00	33.30 2.25 0.00	28.10 1.58 0.00	23.82 1.30 0.00
PORT_JEFF_3 23555	30.35 1.62 0.00	25.63 1.37 0.00	20.11 1.11 0.00	21.42 1.25 0.00	20.88 1.30 0.92	23.65 1.93 4.13	25.63 1.90 2.45	23.54 1.71 0.00	20.47 1.44 1.13	19.48 1.65 3.28	21.33 1.48 2.72	22.90 1.64 2.68	22.07 1.46 2.62	26.82 1.96 2.43	22.21 2.13 2.79	23.90 2.29 2.78	29.41 2.62 2.16	38.04 2.89 1.82	37.40 3.01 2.75	32.70 2.34 2.83	31.37 2.37 2.19	30.86 2.92 3.10	25.12 2.09 3.49	20.91 1.80 3.41
PORT_JEFF_4 23616	30.35 1.62 0.00	25.63 1.37 0.00	20.11 1.11 0.00	21.42 1.25 0.00	20.88 1.30 0.92	23.65 1.93 4.13	25.63 1.90 2.45	23.54 1.71 0.00	20.47 1.44 1.13	19.48 1.65 3.28	21.33 1.48 2.72	22.90 1.64 2.68	22.07 1.46 2.62	26.82 1.96 2.43	22.21 2.13 2.79	23.90 2.29 2.78	29.41 2.62 2.16	38.04 2.89 1.82	37.40 3.01 2.75	32.70 2.34 2.83	31.37 2.37 2.19	30.86 2.92 3.10	25.12 2.09 3.49	20.91 1.80 3.41
PORT_JEFF_IC 23713	30.43 1.69 0.00	25.68 1.42 0.00	20.14 1.14 0.00	21.46 1.29 0.00	20.96 1.34 0.89	23.86 1.98 3.97	25.79 1.96 2.36	23.60 1.76 0.00	20.58 1.50 1.09	19.63 1.67 3.15	21.53 1.57 2.61	23.09 1.72 2.57	22.28 1.57 2.52	27.01 2.06 2.33	22.39 2.20 2.68	24.10 2.39 2.67	29.60 2.73 2.08	38.26 3.05 1.76	37.70 3.21 2.65	32.96 2.50 2.72	31.57 2.49 2.11	31.11 3.06 2.99	25.36 2.20 3.37	21.14 1.89 3.27

PPL PILGRIM_ST_GT1 24216	30.62 1.89 0.00	25.86 1.60 0.00	20.29 1.29 0.00	21.62 1.45 0.00	21.29 1.49 0.71	24.81 2.14 3.17	26.42 2.11 1.88	23.65 1.82 0.00	20.86 1.56 0.87	20.37 1.78 2.51	22.21 1.73 2.09	23.80 1.92 2.05	22.97 1.75 2.01	27.67 2.25 1.86	23.07 2.33 2.14	24.77 2.54 2.15	30.31 3.05 1.68	38.78 3.25 1.45	38.37 3.39 2.15	33.69 2.71 2.20	32.28 2.80 1.71	31.93 3.30 2.42	26.23 2.44 2.73	22.07 2.09 2.53
PPL PILGRIM_ST_GT2 24217	30.62 1.89 0.00	25.86 1.60 0.00	20.29 1.29 0.00	21.62 1.45 0.00	21.29 1.49 0.71	24.81 2.14 3.17	26.42 2.11 1.88	23.65 1.82 0.00	20.86 1.56 0.87	20.37 1.78 2.51	22.21 1.73 2.09	23.80 1.92 2.05	22.97 1.75 2.01	27.67 2.25 1.86	23.07 2.33 2.14	24.77 2.54 2.15	30.31 3.05 1.68	38.78 3.25 1.45	38.37 3.39 2.15	33.69 2.71 2.20	32.28 2.80 1.71	31.93 3.30 2.42	26.23 2.44 2.73	22.07 2.09 2.53
PPL_SHRM_GT3 24213	30.05 1.31 0.00	25.37 1.11 0.00	19.90 0.90 0.00	21.20 1.03 0.00	20.68 1.07 0.91	23.46 1.66 4.05	25.44 1.66 2.40	23.42 1.59 0.00	20.31 1.25 1.11	19.35 1.46 3.21	21.15 1.25 2.66	22.69 1.38 2.62	21.87 1.21 2.57	26.58 1.68 2.38	22.02 1.88 2.73	23.71 2.05 2.72	29.29 2.45 2.11	37.98 2.79 1.79	37.41 2.97 2.69	32.70 2.28 2.77	31.39 2.35 2.15	30.82 2.82 3.04	25.06 1.97 3.43	20.84 1.66 3.33
PPL_SHRM_GT4 24214	30.05 1.31 0.00	25.37 1.11 0.00	19.90 0.90 0.00	21.20 1.03 0.00	20.68 1.07 0.91	23.46 1.66 4.05	25.44 1.66 2.40	23.42 1.59 0.00	20.31 1.25 1.11	19.35 1.46 3.21	21.15 1.25 2.66	22.69 1.38 2.62	21.87 1.21 2.57	26.58 1.68 2.38	22.02 1.88 2.73	23.71 2.05 2.72	29.29 2.45 2.11	37.98 2.79 1.79	37.41 2.97 2.69	32.70 2.28 2.77	31.39 2.35 2.15	30.82 2.82 3.04	25.06 1.97 3.43	20.84 1.66 3.33
PROJECT___ORANGE 1 24174	28.66 -0.07 0.00	24.14 -0.12 0.00	18.84 -0.16 0.00	20.02 -0.15 0.00	20.38 -0.13 0.00	25.47 -0.10 0.28	24.58 -0.07 1.54	21.47 -0.03 0.34	20.20 0.02 0.00	21.17 0.07 0.00	22.69 0.12 0.00	24.09 0.16 0.00	23.38 0.15 0.00	27.32 0.24 0.20	23.12 0.25 0.00	24.63 0.29 0.04	29.03 0.43 0.35	36.53 0.51 0.95	37.03 0.43 0.53	33.01 0.35 0.53	30.95 0.27 0.51	30.67 0.16 0.54	26.36 0.03 0.20	22.51 0.00 0.01
PROJECT___ORANGE 2 24166	28.66 -0.07 0.00	24.14 -0.12 0.00	18.84 -0.16 0.00	20.02 -0.15 0.00	20.38 -0.13 0.00	25.47 -0.10 0.28	24.58 -0.07 1.54	21.47 -0.03 0.34	20.20 0.02 0.00	21.17 0.07 0.00	22.69 0.12 0.00	24.09 0.16 0.00	23.38 0.15 0.00	27.32 0.24 0.20	23.12 0.25 0.00	24.63 0.29 0.04	29.03 0.43 0.35	36.53 0.51 0.95	37.03 0.43 0.53	33.01 0.35 0.53	30.95 0.27 0.51	30.67 0.16 0.54	26.36 0.03 0.20	22.51 0.00 0.01
PUCKETT___SOLAR 323809	29.23 0.49 0.00	24.66 0.41 0.00	19.25 0.25 0.00	20.52 0.35 0.00	20.94 0.43 0.00	26.38 0.67 0.14	26.17 0.74 0.76	22.35 0.68 0.17	20.81 0.64 0.00	21.74 0.64 0.00	23.21 0.64 0.00	24.58 0.65 0.00	23.87 0.64 0.00	28.12 0.94 0.10	23.65 0.78 0.00	25.24 0.88 0.02	30.10 1.33 0.17	38.08 1.58 0.47	38.55 1.68 0.26	34.36 1.43 0.26	32.16 1.22 0.26	32.04 1.26 0.27	27.21 0.78 0.10	23.01 0.50 0.01
PYRITES___HYD 24023	29.40 0.66 0.00	24.76 0.49 0.00	19.27 0.27 0.00	20.31 0.14 0.00	20.62 0.11 0.00	26.06 0.22 0.00	26.68 0.49 0.00	22.22 0.38 0.00	20.44 0.27 0.00	21.40 0.30 0.00	22.81 0.24 0.00	24.20 0.26 0.00	23.45 0.21 0.00	27.28 0.00 0.00	22.64 -0.24 0.00	24.12 -0.27 0.00	28.11 -0.84 0.00	35.80 -1.18 0.00	36.17 -0.96 0.00	32.31 -0.57 0.31	19.84 -0.54 10.81	35.54 -0.03 -4.52	26.86 0.33 0.00	22.68 0.17 0.00
QUAKERRD_115KV_BK1 80622	28.11 -0.62 0.00	23.67 -0.58 0.00	18.38 -0.63 0.00	19.47 -0.70 0.00	19.86 -0.65 0.00	24.55 -0.69 0.60	22.30 -0.63 3.26	20.65 -0.46 0.73	19.90 -0.28 0.00	20.93 -0.18 0.00	22.45 -0.11 0.00	23.92 -0.02 0.00	23.24 0.01 0.00	26.91 0.07 0.44	22.90 0.03 0.01	24.25 -0.04 0.09	28.11 -0.10 0.73	34.75 -0.21 2.03	36.07 0.07 1.13	32.13 0.07 1.13	29.94 -0.15 1.09	29.58 -0.32 1.15	25.73 -0.37 0.42	22.13 -0.36 0.03
QUENSBRY_115KV_TB8 356137	29.76 1.02 0.00	25.27 1.02 0.00	19.91 0.90 0.00	21.20 1.03 0.00	21.60 1.08 0.00	27.21 1.36 0.00	27.56 1.37 0.00	22.90 1.06 0.00	21.03 0.86 0.00	21.90 0.79 0.00	23.36 0.79 0.00	24.82 0.88 0.00	24.14 0.91 0.00	28.64 1.35 0.00	24.22 1.34 0.00	25.92 1.53 0.00	30.67 1.72 0.00	39.38 2.40 0.00	39.74 2.61 0.00	35.43 2.25 0.00	33.55 2.36 0.00	33.27 2.22 0.00	28.24 1.72 0.00	23.87 1.35 0.00
RAMAPO___LBMP 323565	29.87 1.13 0.00	25.18 0.92 0.00	19.77 0.77 0.00	21.10 0.93 0.00	21.45 0.94 0.00	27.10 1.26 0.00	27.57 1.38 0.00	22.99 1.16 0.00	21.16 0.99 0.00	22.15 1.04 0.00	23.62 1.05 0.00	25.02 1.08 0.00	24.26 1.03 0.00	28.88 1.59 0.00	24.58 1.71 0.00	26.32 1.94 0.00	31.36 2.41 0.00	40.13 3.15 0.00	40.03 2.89 0.00	35.52 2.33 0.00	33.41 2.22 0.00	33.20 2.15 0.00	28.03 1.51 0.00	23.76 1.24 0.00
RANKINE____ 23646	28.76 0.02 0.00	24.17 -0.09 0.00	18.63 -0.37 0.00	19.74 -0.42 0.00	20.18 -0.33 0.00	25.12 -0.19 0.53	23.21 -0.10 2.88	21.28 0.09 0.64	20.57 0.40 0.00	21.69 0.58 0.00	23.25 0.68 0.00	24.74 0.80 0.00	23.97 0.74 0.00	27.74 0.84 0.38	23.33 0.46 0.01	24.55 0.25 0.08	28.68 0.39 0.66	35.58 0.40 1.80	37.10 0.97 1.01	33.05 0.86 1.00	30.65 0.43 0.97	30.21 0.18 1.02	26.32 0.17 0.37	22.64 0.14 0.02
RAVENSWOOD_GT2_1 24244	30.29 1.55 0.00	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.50 -174.16	179.65 1.27 -158.20	52.15 1.33 -29.72	48.03 1.40 -24.06	51.66 1.47 -26.26	56.86 1.40 -32.23	55.20 1.99 -25.93	68.15 2.02 -43.25	91.75 2.26 -65.10	90.35 2.78 -58.62	40.68 3.70 0.00	40.63 3.50 0.00	36.13 2.94 0.00	33.99 2.79 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD_GT2_2 24245	30.29 1.55 0.00	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.50 -174.16	179.65 1.27 -158.20	52.15 1.33 -29.72	48.03 1.40 -24.06	51.66 1.47 -26.26	56.86 1.40 -32.23	55.20 1.99 -25.93	68.15 2.02 -43.25	91.75 2.26 -65.10	90.35 2.78 -58.62	40.68 3.70 0.00	40.63 3.50 0.00	36.13 2.94 0.00	33.99 2.79 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD_GT2_3 24246	30.30 1.56 0.00	25.54 1.28 0.00	20.08 1.07 0.00	21.41 1.24 0.00	21.77 1.26 0.00	27.50 1.65 0.00	30.18 1.80 -2.19	197.53 1.52 -174.16	179.66 1.28 -158.20	52.16 1.34 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.16 2.04 -43.25	91.77 2.28 -65.10	90.37 2.80 -58.62	40.71 3.73 0.00	40.66 3.53 0.00	36.15 2.96 0.00	34.01 2.82 0.00	33.83 2.78 0.00	28.57 2.05 0.00	24.19 1.67 0.00



RAVENSWOOD_GT2_4 24247	30.30 1.56 0.00	25.54 1.28 0.00	20.08 1.07 0.00	21.41 1.24 0.00	21.77 1.26 0.00	27.50 1.65 0.00	30.18 1.80 -2.19	197.53 1.52 -174.16	179.66 1.28 -158.20	52.16 1.34 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.16 2.04 -43.25	91.77 2.28 -65.10	90.37 2.80 -58.62	40.71 3.73 0.00	40.66 3.53 0.00	36.15 2.96 0.00	34.01 2.82 0.00	33.83 2.78 0.00	28.57 2.05 0.00	24.19 1.67 0.00
RAVENSWOOD_GT3_1 24248	30.29 1.55 0.00	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.51 -174.16	179.65 1.27 -158.20	52.15 1.33 -29.72	48.03 1.40 -24.06	51.66 1.47 -26.26	56.86 1.40 -32.23	55.20 1.99 -25.93	68.15 2.02 -43.25	91.75 2.26 -65.10	90.35 2.78 -58.62	40.68 3.70 0.00	40.63 3.50 0.00	36.13 2.94 0.00	33.99 2.80 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD_GT3_2 24249	30.29 1.55 0.00	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.51 -174.16	179.65 1.27 -158.20	52.15 1.33 -29.72	48.03 1.40 -24.06	51.66 1.47 -26.26	56.86 1.40 -32.23	55.20 1.99 -25.93	68.15 2.02 -43.25	91.75 2.26 -65.10	90.35 2.78 -58.62	40.68 3.70 0.00	40.63 3.50 0.00	36.13 2.94 0.00	33.99 2.80 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD_GT3_3 24250	30.34 1.60 0.00	25.57 1.31 0.00	20.10 1.10 0.00	21.43 1.26 0.00	21.79 1.28 0.00	27.52 1.68 0.00	30.21 1.83 -2.19	197.55 1.55 -174.16	179.69 1.31 -158.20	52.19 1.37 -29.72	48.08 1.45 -24.06	51.72 1.52 -26.26	56.92 1.45 -32.23	55.27 2.05 -25.93	68.20 2.08 -43.25	91.80 2.32 -65.10	90.42 2.85 -58.62	40.76 3.78 0.00	40.72 3.59 0.00	36.20 3.01 0.00	34.06 2.87 0.00	33.88 2.83 0.00	28.61 2.08 0.00	24.22 1.70 0.00
RAVENSWOOD_GT3_4 24251	30.34 1.60 0.00	25.57 1.31 0.00	20.10 1.10 0.00	21.43 1.26 0.00	21.79 1.28 0.00	27.52 1.68 0.00	30.21 1.83 -2.19	197.55 1.55 -174.16	179.69 1.31 -158.20	52.19 1.37 -29.72	48.08 1.45 -24.06	51.72 1.52 -26.26	56.92 1.45 -32.23	55.27 2.05 -25.93	68.20 2.08 -43.25	91.80 2.32 -65.10	90.42 2.85 -58.62	40.76 3.78 0.00	40.72 3.59 0.00	36.20 3.01 0.00	34.06 2.87 0.00	33.88 2.83 0.00	28.61 2.08 0.00	24.22 1.70 0.00
RAVENSWOOD_GT_1 23729	31.02 1.65 -0.63	25.61 1.36 0.00	20.13 1.13 0.00	21.46 1.29 0.00	21.82 1.31 0.00	27.56 1.71 0.00	30.25 1.87 -2.19	197.58 1.57 -174.16	179.65 1.27 -158.20	52.14 1.32 -29.72	48.05 1.42 -24.06	51.67 1.48 -26.26	56.87 1.40 -32.23	55.22 2.00 -25.93	68.15 2.02 -43.25	91.74 2.26 -65.10	90.35 2.78 -58.62	40.74 3.77 0.00	40.69 3.55 0.00	36.18 2.99 0.00	34.04 2.85 0.00	33.92 2.87 0.00	28.67 2.15 0.00	24.26 1.74 0.00
RAVENSWOOD_GT_10 24258	30.36 1.55 -0.08	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.51 -174.16	179.65 1.27 -158.20	52.15 1.33 -29.72	48.03 1.40 -24.06	51.67 1.47 -26.26	56.86 1.40 -32.23	55.20 1.99 -25.93	68.15 2.03 -43.25	91.75 2.26 -65.10	90.36 2.79 -58.62	40.68 3.70 0.00	40.64 3.50 0.00	36.13 2.94 0.00	33.99 2.80 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD_GT_11 24259	30.36 1.55 -0.08	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.51 -174.16	179.65 1.27 -158.20	52.15 1.33 -29.72	48.03 1.40 -24.06	51.67 1.47 -26.26	56.86 1.40 -32.23	55.20 1.99 -25.93	68.15 2.03 -43.25	91.75 2.26 -65.10	90.36 2.79 -58.62	40.68 3.70 0.00	40.64 3.50 0.00	36.13 2.94 0.00	33.99 2.80 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD_GT_4 24252	30.77 1.55 -0.48	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.51 -174.16	179.66 1.28 -158.20	52.17 1.34 -29.72	48.05 1.42 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.37 2.80 -58.62	40.69 3.71 0.00	40.66 3.52 0.00	36.14 2.95 0.00	33.99 2.80 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD_GT_5 24254	30.77 1.55 -0.48	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.51 -174.16	179.66 1.28 -158.20	52.17 1.34 -29.72	48.05 1.42 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.37 2.80 -58.62	40.69 3.71 0.00	40.66 3.52 0.00	36.14 2.95 0.00	33.99 2.80 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD_GT_6 24253	30.77 1.55 -0.48	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.51 -174.16	179.66 1.28 -158.20	52.17 1.34 -29.72	48.05 1.42 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.37 2.80 -58.62	40.69 3.71 0.00	40.66 3.52 0.00	36.14 2.95 0.00	33.99 2.80 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD_GT_7 24255	30.77 1.55 -0.48	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.51 -174.16	179.66 1.28 -158.20	52.17 1.34 -29.72	48.05 1.42 -24.06	51.68 1.48 -26.26	56.88 1.42 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.37 2.80 -58.62	40.69 3.71 0.00	40.66 3.52 0.00	36.14 2.95 0.00	33.99 2.80 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.36 1.55 -0.08	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.51 -174.16	179.65 1.27 -158.20	52.15 1.33 -29.72	48.03 1.40 -24.06	51.67 1.47 -26.26	56.86 1.40 -32.23	55.20 1.99 -25.93	68.15 2.03 -43.25	91.75 2.26 -65.10	90.36 2.79 -58.62	40.68 3.70 0.00	40.64 3.50 0.00	36.13 2.94 0.00	33.99 2.80 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD_GT_9 24257	30.36 1.55 -0.08	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.25 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.51 -174.16	179.65 1.27 -158.20	52.15 1.33 -29.72	48.03 1.40 -24.06	51.67 1.47 -26.26	56.86 1.40 -32.23	55.20 1.99 -25.93	68.15 2.03 -43.25	91.75 2.26 -65.10	90.36 2.79 -58.62	40.68 3.70 0.00	40.64 3.50 0.00	36.13 2.94 0.00	33.99 2.80 0.00	33.81 2.76 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD____1 23533	29.68 1.56 0.61	25.55 1.29 0.00	20.08 1.08 0.00	21.41 1.25 0.00	21.78 1.27 0.00	27.50 1.65 0.00	30.18 1.80 -2.19	197.53 1.53 -174.16	179.61 1.23 -158.20	52.11 1.29 -29.72	48.01 1.38 -24.06	51.63 1.43 -26.26	56.82 1.36 -32.23	55.16 1.95 -25.93	68.11 1.98 -43.25	91.69 2.21 -65.10	90.29 2.72 -58.62	40.66 3.68 0.00	40.61 3.47 0.00	36.12 2.93 0.00	34.00 2.80 0.00	33.86 2.81 0.00	28.61 2.09 0.00	24.21 1.69 0.00

RAVENSWOOD___2 23534	30.26 1.52 0.00	25.52 1.26 0.00	20.06 1.06 0.00	21.39 1.22 0.00	21.75 1.24 0.00	27.47 1.62 0.00	30.13 1.76 -2.19	197.45 1.45 -174.16	179.45 1.08 -158.20	51.94 1.11 -29.72	47.82 1.19 -24.06	51.43 1.24 -26.26	56.64 1.17 -32.23	54.94 1.73 -25.93	67.92 1.80 -43.25	91.50 2.01 -65.10	90.06 2.48 -58.62	40.37 3.40 0.00	40.33 3.19 0.00	35.94 2.75 0.00	33.88 2.68 0.00	33.80 2.75 0.00	28.57 2.05 0.00	24.18 1.66 0.00
RAVENSWOOD___3 23535	30.27 1.53 0.00	25.53 1.27 0.00	20.07 1.07 0.00	21.40 1.24 0.00	21.76 1.26 0.00	27.49 1.64 0.00	30.17 1.79 -2.19	197.51 1.51 -174.16	179.64 1.26 -158.20	52.16 1.34 -29.72	48.04 1.41 -24.06	51.67 1.47 -26.26	56.86 1.40 -32.23	55.20 1.99 -25.93	68.15 2.03 -43.25	91.75 2.26 -65.10	90.35 2.78 -58.62	40.68 3.70 0.00	40.64 3.50 0.00	36.13 2.94 0.00	33.99 2.80 0.00	33.82 2.77 0.00	28.55 2.03 0.00	24.18 1.66 0.00
RAVENSWOOD___4 23820	29.68 1.56 0.61	25.55 1.29 0.00	20.08 1.08 0.00	21.41 1.25 0.00	21.78 1.27 0.00	27.50 1.65 0.00	30.18 1.80 -2.19	197.53 1.53 -174.16	179.61 1.23 -158.20	52.11 1.29 -29.72	48.01 1.38 -24.06	51.63 1.43 -26.26	56.82 1.36 -32.23	55.16 1.95 -25.93	68.11 1.98 -43.25	91.69 2.21 -65.10	90.29 2.72 -58.62	40.66 3.68 0.00	40.61 3.47 0.00	36.12 2.93 0.00	34.00 2.80 0.00	33.86 2.81 0.00	28.61 2.09 0.00	24.21 1.69 0.00
RCPI_TRUST___DRP 24196	30.35 1.61 0.00	25.57 1.32 0.00	20.11 1.11 0.00	21.44 1.27 0.00	21.80 1.29 0.00	27.53 1.69 0.00	30.37 1.85 -2.33	209.28 1.54 -185.90	190.36 1.32 -168.87	54.21 1.38 -31.72	49.72 1.46 -25.68	53.50 1.54 -28.03	59.10 1.46 -34.40	57.03 2.07 -27.68	71.14 2.10 -46.16	96.21 2.33 -69.49	94.39 2.87 -62.58	40.78 3.81 0.00	40.74 3.60 0.00	36.21 3.02 0.00	34.05 2.86 0.00	33.86 2.81 0.00	28.58 2.06 0.00	24.20 1.68 0.00
RED___ROCHESTER 323720	28.79 0.30 0.24	24.40 0.14 0.00	18.90 -0.11 0.00	20.01 -0.15 0.00	20.41 -0.10 0.00	25.27 0.04 0.62	22.57 0.13 3.75	21.28 0.19 0.75	20.47 0.39 0.09	21.57 0.53 0.07	23.09 0.68 0.16	24.80 0.86 0.00	24.09 0.86 0.00	27.90 1.06 0.45	23.73 0.87 0.01	25.13 0.84 0.10	29.04 0.86 0.76	35.86 0.98 2.10	37.28 1.32 1.18	33.26 1.24 1.17	30.95 0.90 1.13	30.56 0.70 1.19	26.59 0.50 0.43	22.86 0.37 0.03
REGAN___SOLAR 323812	32.87 4.13 0.00	27.52 3.26 0.00	21.31 2.30 0.00	22.48 2.31 0.00	22.88 2.37 0.00	29.09 3.25 0.00	29.56 3.37 0.00	24.14 2.30 0.00	21.55 1.38 0.00	22.26 1.15 0.00	23.63 1.06 0.00	25.03 1.09 0.00	24.46 1.23 0.00	28.77 1.48 0.00	24.30 1.43 0.00	26.46 2.08 0.00	31.36 2.41 0.00	40.57 3.59 0.00	43.03 5.90 0.00	38.88 5.69 0.00	36.65 5.45 0.00	36.27 5.22 0.00	30.69 4.17 0.00	25.87 3.34 0.00
RENSSELAER___COGEN 23796	29.19 0.45 0.00	24.73 0.46 0.00	19.57 0.56 0.00	20.77 0.60 0.00	21.12 0.61 0.00	26.51 0.66 0.00	26.75 0.55 0.00	22.15 0.32 0.00	20.42 0.24 0.00	21.22 0.12 0.00	22.69 0.12 0.00	24.02 0.08 0.00	23.33 0.10 0.00	27.53 0.25 0.00	23.32 0.44 0.00	24.87 0.48 0.00	29.55 0.60 0.00	37.79 0.82 0.00	38.07 0.93 0.00	34.06 0.88 0.00	32.09 0.90 0.00	31.94 0.90 0.00	27.03 0.51 0.00	23.00 0.48 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.12 2.38 0.00	26.40 2.14 0.00	20.78 1.78 0.00	22.14 1.97 0.00	22.59 2.08 0.00	28.50 2.66 0.00	28.92 2.73 0.00	24.05 2.21 0.00	21.99 1.82 0.00	22.88 1.77 0.00	24.44 1.87 0.00	25.99 2.05 0.00	25.33 2.09 0.00	30.08 2.80 0.00	25.35 2.48 0.00	27.23 2.85 0.00	32.33 3.39 0.00	41.45 4.47 0.00	41.95 4.82 0.00	37.58 4.39 0.00	35.56 4.37 0.00	35.22 4.17 0.00	29.80 3.29 0.00	25.08 2.56 0.00
REVERE_CPPR_DRP 24186	29.87 1.14 0.00	25.09 0.83 0.00	19.58 0.58 0.00	20.77 0.61 0.00	21.12 0.61 0.00	26.66 0.92 0.12	26.60 1.04 0.63	22.54 0.84 0.14	20.94 0.77 0.00	21.98 0.87 0.00	23.50 0.94 0.00	24.97 1.03 0.00	24.35 1.12 0.00	28.53 1.33 0.08	24.04 1.17 0.00	25.60 1.23 0.02	30.48 1.67 0.14	38.96 2.37 0.38	39.31 2.39 0.21	34.99 2.03 0.22	32.54 1.96 0.62	32.63 1.81 0.23	27.71 1.27 0.08	23.42 0.90 0.00
REYNOLDS_115KV_TB3 80639	29.31 0.57 0.00	24.83 0.57 0.00	19.65 0.64 0.00	20.88 0.71 0.00	21.24 0.72 0.00	26.64 0.80 0.00	26.87 0.68 0.00	22.28 0.44 0.00	20.52 0.35 0.00	21.33 0.22 0.00	22.81 0.24 0.00	24.13 0.19 0.00	23.43 0.20 0.00	27.69 0.41 0.00	23.45 0.57 0.00	24.99 0.60 0.00	29.68 0.74 0.00	37.98 1.00 0.00	38.27 1.13 0.00	34.26 1.07 0.00	32.28 1.09 0.00	32.12 1.08 0.00	27.17 0.64 0.00	23.11 0.59 0.00
RIVERBAY___ 323610	30.24 1.50 0.00	25.52 1.26 0.00	20.07 1.07 0.00	21.42 1.26 0.00	21.85 1.34 0.00	27.58 1.74 0.00	30.12 1.74 -2.19	184.63 1.54 -161.26	179.63 1.26 -158.20	52.15 1.33 -29.72	35.64 1.41 -11.66	29.95 1.48 -4.54	56.86 1.40 -32.23	55.22 2.00 -25.93	68.15 2.03 -43.25	91.77 2.29 -65.10	90.41 2.84 -58.62	40.85 3.88 0.00	40.73 3.60 0.00	36.23 3.04 0.00	33.97 2.78 0.00	33.89 2.84 0.00	28.61 2.09 0.00	24.23 1.72 0.00
RIVERSDE_115KV_TB3 55908	29.28 0.55 0.00	24.81 0.55 0.00	19.63 0.63 0.00	20.85 0.68 0.00	21.20 0.69 0.00	26.61 0.76 0.00	26.84 0.65 0.00	22.25 0.41 0.00	20.51 0.33 0.00	21.32 0.21 0.00	22.79 0.22 0.00	24.12 0.19 0.00	23.44 0.21 0.00	27.68 0.39 0.00	23.44 0.56 0.00	24.99 0.61 0.00	29.70 0.75 0.00	37.98 1.01 0.00	38.26 1.13 0.00	34.24 1.05 0.00	32.25 1.06 0.00	32.09 1.05 0.00	27.14 0.62 0.00	23.09 0.57 0.00
ROARING___BROOK_WT_PWR 323790	28.25 -0.49 0.00	23.77 -0.49 0.00	18.60 -0.40 0.00	19.70 -0.47 0.00	19.98 -0.53 0.00	25.13 -0.72 0.00	25.50 -0.69 0.00	21.34 -0.50 0.00	19.86 -0.31 0.00	20.89 -0.21 0.00	22.40 -0.17 0.00	23.79 -0.15 0.00	23.04 -0.19 0.00	26.90 -0.38 0.00	22.45 -0.42 0.00	23.92 -0.46 0.00	28.45 -0.50 0.00	36.07 -0.91 0.00	36.13 -1.00 0.00	31.64 -0.90 0.65	6.85 -0.83 23.51	29.75 -0.81 0.49	25.76 -0.76 0.00	21.76 -0.76 0.00
ROCHESRG_115KV_T4 355643	28.63 -0.11 0.00	24.11 -0.15 0.00	18.69 -0.32 0.00	19.80 -0.37 0.00	20.19 -0.32 0.00	24.97 -0.24 0.63	22.58 -0.17 3.44	20.99 -0.08 0.77	20.28 0.11 0.00	21.34 0.24 0.00	22.91 0.34 0.00	24.41 0.47 0.00	23.69 0.46 0.00	27.40 0.57 0.46	23.29 0.43 0.01	24.65 0.36 0.10	28.52 0.35 0.78	35.20 0.36 2.14	36.64 0.70 1.20	32.67 0.67 1.19	30.42 0.38 1.15	30.04 0.20 1.21	26.20 0.11 0.44	22.56 0.07 0.03
ROCHESTER_9_IC 23652	28.83 0.09 0.00	24.27 0.01 0.00	18.80 -0.20 0.00	19.92 -0.25 0.00	20.32 -0.19 0.00	25.14 -0.09 0.62	22.80 -0.01 3.38	21.15 0.07 0.75	20.43 0.25 0.00	21.51 0.40 0.00	23.09 0.53 0.00	24.62 0.69 0.00	23.91 0.68 0.00	27.67 0.84 0.45	23.53 0.66 0.01	24.91 0.62 0.10	28.80 0.61 0.76	35.57 0.69 2.10	36.99 1.04 1.18	32.99 0.97 1.17	30.72 0.66 1.13	30.33 0.47 1.19	26.42 0.33 0.43	22.72 0.23 0.03

ROCKVIEW_13_KV_LD 356306	30.34 1.60 0.00	25.57 1.31 0.00	20.09 1.09 0.00	21.41 1.24 0.00	21.76 1.25 0.00	27.48 1.63 0.00	27.99 1.80 0.00	23.39 1.55 0.00	21.50 1.33 0.00	22.50 1.39 0.00	24.03 1.46 0.00	25.48 1.54 0.00	24.70 1.47 0.00	29.37 2.08 0.00	24.99 2.11 0.00	26.74 2.36 0.00	31.83 2.89 0.00	40.77 3.79 0.00	40.75 3.61 0.00	36.19 3.00 0.00	34.02 2.83 0.00	33.78 2.74 0.00	28.51 1.99 0.00	24.14 1.63 0.00
ROME____115KV_TB2 80656	29.87 1.14 0.00	25.09 0.83 0.00	19.58 0.58 0.00	20.77 0.61 0.00	21.12 0.61 0.00	26.66 0.92 0.12	26.60 1.04 0.63	22.54 0.84 0.14	20.94 0.77 0.00	21.98 0.87 0.00	23.50 0.94 0.00	24.97 1.03 0.00	24.35 1.12 0.00	28.53 1.33 0.08	24.04 1.17 0.00	25.60 1.23 0.02	30.48 1.67 0.14	38.96 2.37 0.38	39.31 2.39 0.21	34.99 2.03 0.22	32.54 1.96 0.62	32.63 1.81 0.23	27.71 1.27 0.08	23.42 0.90 0.00
ROSETON___1 23587	29.77 1.04 0.00	25.14 0.88 0.00	19.78 0.78 0.00	21.09 0.93 0.00	21.44 0.94 0.00	27.03 1.19 0.00	27.46 1.28 0.00	22.89 1.06 0.00	21.05 0.88 0.00	22.03 0.92 0.00	23.53 0.96 0.00	24.93 0.99 0.00	24.17 0.93 0.00	28.70 1.41 0.00	24.39 1.51 0.00	26.09 1.70 0.00	31.07 2.12 0.00	39.77 2.79 0.00	39.76 2.63 0.00	35.37 2.19 0.00	33.28 2.08 0.00	33.16 2.11 0.00	27.99 1.47 0.00	23.72 1.20 0.00
ROSETON___2 23588	29.77 1.04 0.00	25.14 0.88 0.00	19.78 0.78 0.00	21.09 0.93 0.00	21.44 0.94 0.00	27.03 1.19 0.00	27.46 1.28 0.00	22.89 1.06 0.00	21.05 0.88 0.00	22.03 0.92 0.00	23.53 0.96 0.00	24.93 0.99 0.00	24.17 0.93 0.00	28.70 1.41 0.00	24.39 1.51 0.00	26.09 1.70 0.00	31.07 2.12 0.00	39.77 2.79 0.00	39.76 2.63 0.00	35.37 2.19 0.00	33.28 2.08 0.00	33.16 2.11 0.00	27.99 1.47 0.00	23.72 1.20 0.00
ROTTDRAM_115KV_TB3 80664	29.48 0.74 0.00	24.93 0.67 0.00	19.61 0.60 0.00	20.85 0.68 0.00	21.21 0.70 0.00	26.69 0.85 0.00	27.01 0.82 0.00	22.46 0.63 0.00	20.68 0.51 0.00	21.57 0.46 0.00	23.06 0.49 0.00	24.44 0.50 0.00	23.73 0.50 0.00	28.05 0.77 0.00	23.68 0.80 0.00	25.29 0.91 0.00	30.06 1.11 0.00	38.45 1.47 0.00	38.69 1.55 0.00	34.59 1.40 0.00	32.56 1.37 0.00	32.40 1.35 0.00	27.47 0.95 0.00	23.29 0.77 0.00
RUSSELL___1 23602	28.99 0.26 0.00	24.40 0.14 0.00	18.89 -0.11 0.00	20.01 -0.15 0.00	20.41 -0.10 0.00	25.27 0.04 0.62	22.93 0.12 3.38	21.26 0.18 0.75	20.54 0.37 0.00	21.64 0.53 0.00	23.24 0.68 0.00	24.79 0.85 0.00	24.08 0.85 0.00	27.89 1.06 0.45	23.72 0.86 0.01	25.12 0.84 0.10	29.03 0.85 0.76	35.85 0.97 2.10	37.27 1.32 1.18	33.26 1.24 1.17	30.95 0.89 1.13	30.55 0.70 1.19	26.59 0.50 0.43	22.86 0.37 0.03
RUSSELL___2 23532	28.99 0.26 0.00	24.40 0.14 0.00	18.89 -0.11 0.00	20.01 -0.15 0.00	20.41 -0.10 0.00	25.27 0.04 0.62	22.93 0.12 3.38	21.26 0.18 0.75	20.54 0.37 0.00	21.64 0.53 0.00	23.24 0.68 0.00	24.79 0.85 0.00	24.08 0.85 0.00	27.89 1.06 0.45	23.72 0.86 0.01	25.12 0.84 0.10	29.03 0.85 0.76	35.85 0.97 2.10	37.27 1.32 1.18	33.26 1.24 1.17	30.95 0.89 1.13	30.55 0.70 1.19	26.59 0.50 0.43	22.86 0.37 0.03
RUSSELL___3 23549	28.99 0.26 0.00	24.40 0.14 0.00	18.89 -0.11 0.00	20.01 -0.15 0.00	20.41 -0.10 0.00	25.27 0.04 0.62	22.93 0.12 3.38	21.26 0.18 0.75	20.54 0.37 0.00	21.64 0.53 0.00	23.24 0.68 0.00	24.79 0.85 0.00	24.08 0.85 0.00	27.89 1.06 0.45	23.72 0.86 0.01	25.12 0.84 0.10	29.03 0.85 0.76	35.85 0.97 2.10	37.27 1.32 1.18	33.26 1.24 1.17	30.95 0.89 1.13	30.55 0.70 1.19	26.59 0.50 0.43	22.86 0.37 0.03
RUSSELL___4 23556	28.99 0.26 0.00	24.40 0.14 0.00	18.89 -0.11 0.00	20.01 -0.15 0.00	20.41 -0.10 0.00	25.27 0.04 0.62	22.93 0.12 3.38	21.26 0.18 0.75	20.54 0.37 0.00	21.64 0.53 0.00	23.24 0.68 0.00	24.79 0.85 0.00	24.08 0.85 0.00	27.89 1.06 0.45	23.72 0.86 0.01	25.12 0.84 0.10	29.03 0.85 0.76	35.85 0.97 2.10	37.27 1.32 1.18	33.26 1.24 1.17	30.95 0.89 1.13	30.55 0.70 1.19	26.59 0.50 0.43	22.86 0.37 0.03
RUSSELL___STATION 23914	28.99 0.26 0.00	24.40 0.14 0.00	18.89 -0.11 0.00	20.01 -0.15 0.00	20.41 -0.10 0.00	25.27 0.04 0.62	22.93 0.12 3.38	21.26 0.18 0.75	20.54 0.37 0.00	21.64 0.53 0.00	23.24 0.68 0.00	24.79 0.85 0.00	24.08 0.85 0.00	27.89 1.06 0.45	23.72 0.86 0.01	25.12 0.84 0.10	29.03 0.85 0.76	35.85 0.97 2.10	37.27 1.32 1.18	33.26 1.24 1.17	30.95 0.89 1.13	30.55 0.70 1.19	26.59 0.50 0.43	22.86 0.37 0.03
S SALMON___HYD 24043	28.57 -0.16 0.00	23.95 -0.31 0.00	18.67 -0.33 0.00	19.80 -0.36 0.00	20.15 -0.36 0.00	25.81 -0.24 -0.20	27.09 -0.20 -1.10	21.91 -0.17 -0.24	20.03 -0.13 0.00	21.03 -0.07 0.00	22.51 -0.06 0.00	23.88 -0.05 0.00	23.16 -0.07 0.00	27.37 -0.06 -0.14	22.94 0.06 0.00	24.45 0.03 -0.03	29.28 0.09 -0.24	37.67 0.02 -0.67	37.48 -0.03 -0.37	33.57 0.04 -0.35	30.73 0.20 0.66	31.49 0.08 -0.36	26.56 -0.10 -0.14	22.31 -0.21 -0.01
S.PERRY__115KV_TB1 80734	29.53 0.80 0.00	24.67 0.41 0.00	19.07 0.07 0.00	20.25 0.08 0.00	20.67 0.16 0.00	25.79 0.42 0.48	24.26 0.69 2.62	21.90 0.65 0.58	20.95 0.77 0.00	21.96 0.85 0.00	23.38 0.81 0.00	24.61 0.67 0.00	23.49 0.26 0.00	27.20 0.27 0.35	22.99 0.12 0.01	24.53 0.22 0.08	28.63 0.28 0.59	35.69 0.34 1.63	36.44 0.22 0.91	32.87 0.59 0.91	30.85 0.54 0.88	30.39 0.27 0.93	26.89 0.70 0.33	23.09 0.60 0.02
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.43 -0.31 0.00	23.94 -0.32 0.00	18.46 -0.54 0.00	19.54 -0.62 0.00	19.98 -0.54 0.00	24.83 -0.47 0.55	22.79 -0.41 2.99	20.95 -0.22 0.67	20.27 0.09 0.00	21.36 0.25 0.00	22.90 0.33 0.00	24.39 0.45 0.00	23.64 0.41 0.00	27.31 0.43 0.40	23.00 0.14 0.01	24.20 -0.09 0.09	28.22 -0.05 0.68	34.97 -0.14 1.87	36.57 0.49 1.04	32.57 0.42 1.04	30.20 0.01 1.01	29.78 -0.20 1.06	26.01 -0.13 0.38	22.41 -0.08 0.02
SAWYER___23_KV_LOAD 55526	28.43 -0.31 0.00	23.94 -0.32 0.00	18.46 -0.54 0.00	19.54 -0.62 0.00	19.98 -0.54 0.00	24.83 -0.47 0.55	22.79 -0.41 2.99	20.95 -0.22 0.67	20.27 0.09 0.00	21.36 0.25 0.00	22.90 0.33 0.00	24.39 0.45 0.00	23.64 0.41 0.00	27.31 0.43 0.40	23.00 0.14 0.01	24.20 -0.09 0.09	28.22 -0.05 0.68	34.97 -0.14 1.87	36.57 0.49 1.04	32.57 0.42 1.04	30.20 0.01 1.01	29.78 -0.20 1.06	26.01 -0.13 0.38	22.41 -0.08 0.02
SELKIRK___I 23801	29.41 0.68 0.00	24.91 0.65 0.00	19.67 0.67 0.00	20.90 0.73 0.00	21.26 0.75 0.00	26.69 0.84 0.00	26.91 0.71 0.00	22.29 0.45 0.00	20.49 0.31 0.00	21.29 0.19 0.00	22.71 0.14 0.00	24.02 0.08 0.00	23.32 0.09 0.00	27.51 0.23 0.00	23.23 0.35 0.00	24.80 0.42 0.00	29.50 0.55 0.00	37.77 0.79 0.00	38.15 1.01 0.00	34.23 1.04 0.00	32.25 1.06 0.00	32.11 1.07 0.00	27.21 0.69 0.00	23.14 0.62 0.00

SELKIRK___II 23799	29.25 0.51 0.00	24.76 0.51 0.00	19.55 0.55 0.00	20.78 0.61 0.00	21.13 0.62 0.00	26.54 0.69 0.00	26.79 0.59 0.00	22.22 0.39 0.00	20.47 0.30 0.00	21.31 0.21 0.00	22.78 0.21 0.00	24.12 0.18 0.00	23.42 0.19 0.00	27.64 0.36 0.00	23.38 0.50 0.00	24.94 0.55 0.00	29.64 0.69 0.00	37.90 0.92 0.00	38.14 1.01 0.00	34.14 0.95 0.00	32.15 0.96 0.00	32.02 0.97 0.00	27.11 0.59 0.00	23.04 0.53 0.00
SENECA OSWGO___HYD 24041	28.36 -0.38 0.00	23.87 -0.39 0.00	18.65 -0.36 0.00	19.81 -0.36 0.00	20.17 -0.34 0.00	25.89 -0.38 -0.42	28.11 -0.36 -2.28	22.07 -0.27 -0.51	19.96 -0.21 0.00	20.91 -0.19 0.00	22.38 -0.19 0.00	23.70 -0.24 0.00	22.99 -0.24 0.00	27.45 -0.14 -0.31	22.82 -0.06 -0.01	24.37 -0.09 -0.07	29.41 -0.05 -0.52	38.38 -0.01 -1.42	37.89 -0.04 -0.79	33.94 -0.04 -0.79	31.88 -0.08 -0.77	31.67 -0.18 -0.81	26.54 -0.27 -0.29	22.29 -0.25 -0.02
SENECA___115KV_TB3 355854	28.81 0.07 0.00	24.21 -0.05 0.00	18.67 -0.34 0.00	19.78 -0.39 0.00	20.21 -0.30 0.00	25.17 -0.15 0.53	23.25 -0.05 2.88	21.32 0.13 0.64	20.61 0.44 0.00	21.73 0.63 0.00	23.30 0.73 0.00	24.78 0.85 0.00	24.03 0.80 0.00	27.82 0.92 0.38	23.39 0.52 0.01	24.61 0.30 0.08	28.74 0.45 0.66	35.66 0.48 1.80	37.18 1.06 1.01	33.12 0.93 1.00	30.71 0.49 0.97	30.27 0.24 1.02	26.37 0.22 0.37	22.68 0.18 0.02
SENECA___ENERGY 23797	28.83 0.09 0.00	24.21 -0.05 0.00	18.83 -0.17 0.00	19.98 -0.19 0.00	20.38 -0.13 0.00	25.70 -0.02 0.14	25.51 0.06 0.74	21.81 0.13 0.17	20.40 0.22 0.00	21.41 0.30 0.00	22.91 0.34 0.00	24.34 0.41 0.00	23.69 0.46 0.00	27.83 0.64 0.10	23.44 0.56 0.00	24.91 0.55 0.02	29.68 0.90 0.17	37.40 0.88 0.46	37.82 0.94 0.26	33.79 0.86 0.26	31.60 0.66 0.25	31.22 0.44 0.26	26.63 0.20 0.09	22.57 0.06 0.01
SHOEMAKER___GT 23640	29.76 1.03 0.00	25.13 0.87 0.00	19.74 0.74 0.00	21.04 0.87 0.00	21.40 0.89 0.00	27.00 1.16 0.00	27.42 1.23 0.00	22.86 1.03 0.00	21.03 0.86 0.00	21.99 0.88 0.00	23.47 0.90 0.00	24.86 0.93 0.00	24.12 0.88 0.00	28.64 1.36 0.00	24.33 1.45 0.00	26.02 1.64 0.00	31.01 2.06 0.00	39.73 2.75 0.00	39.70 2.56 0.00	35.34 2.15 0.00	33.27 2.07 0.00	33.12 2.07 0.00	27.98 1.46 0.00	23.70 1.18 0.00
SHOEMAKR_138KV_BK 111 55601	29.76 1.03 0.00	25.11 0.85 0.00	19.73 0.73 0.00	21.03 0.87 0.00	21.39 0.88 0.00	27.00 1.15 0.00	27.42 1.23 0.00	22.86 1.03 0.00	21.04 0.87 0.00	21.99 0.89 0.00	23.48 0.91 0.00	24.87 0.94 0.00	24.13 0.90 0.00	28.66 1.37 0.00	24.34 1.47 0.00	26.05 1.66 0.00	31.04 2.09 0.00	39.75 2.77 0.00	39.72 2.59 0.00	35.33 2.15 0.00	33.25 2.06 0.00	33.10 2.05 0.00	27.96 1.44 0.00	23.68 1.17 0.00
SHOREHAM_IC_1 23715	30.05 1.31 0.00	25.37 1.11 0.00	19.90 0.90 0.00	21.20 1.03 0.00	20.68 1.07 0.91	23.46 1.66 4.05	25.44 1.66 2.40	23.42 1.59 0.00	20.31 1.25 1.11	19.35 1.46 3.21	21.15 1.25 2.66	22.69 1.38 2.62	21.87 1.21 2.57	26.58 1.68 2.38	22.02 1.88 2.73	23.71 2.05 2.72	29.29 2.45 2.11	37.98 2.79 1.79	37.41 2.97 2.69	32.70 2.28 2.77	31.39 2.35 2.15	30.82 2.82 3.04	25.06 1.97 3.43	20.84 1.66 3.33
SHOREHAM_IC_2 23716	30.05 1.31 0.00	25.37 1.11 0.00	19.90 0.90 0.00	21.20 1.03 0.00	20.68 1.07 0.91	23.46 1.66 4.05	25.44 1.66 2.40	23.42 1.59 0.00	20.31 1.25 1.11	19.35 1.46 3.21	21.15 1.25 2.66	22.69 1.38 2.62	21.87 1.21 2.57	26.58 1.68 2.38	22.02 1.88 2.73	23.71 2.05 2.72	29.29 2.45 2.11	37.98 2.79 1.79	37.41 2.97 2.69	32.70 2.28 2.77	31.39 2.35 2.15	30.82 2.82 3.04	25.06 1.97 3.43	20.84 1.66 3.33
SISSONVILLE____ 23735	28.98 0.24 0.00	24.38 0.12 0.00	18.97 -0.04 0.00	20.00 -0.17 0.00	20.29 -0.22 0.00	25.65 -0.20 0.00	26.20 0.01 0.00	21.89 0.05 0.00	20.22 0.05 0.00	21.21 0.11 0.00	22.63 0.06 0.00	24.04 0.10 0.00	23.29 0.06 0.00	27.10 -0.18 0.00	22.52 -0.35 0.00	23.98 -0.40 0.00	27.92 -1.02 0.00	35.35 -1.63 0.00	35.60 -1.53 0.00	31.57 -1.31 0.30	19.56 -1.19 10.45	35.52 -0.63 -5.10	26.39 -0.13 0.00	22.30 -0.22 0.00
SITHE_IND_GS1 24169	28.04 -0.69 0.00	23.63 -0.63 0.00	18.47 -0.54 0.00	19.60 -0.57 0.00	19.96 -0.56 0.00	21.05 -0.67 4.14	2.97 -0.68 22.54	16.26 -0.55 5.03	19.71 -0.47 0.00	20.64 -0.46 0.00	22.09 -0.48 0.00	23.44 -0.49 0.00	22.76 -0.47 0.00	23.78 -0.50 3.00	22.43 -0.38 0.07	23.31 -0.41 0.65	23.39 -0.46 5.10	22.36 -0.61 14.01	28.68 -0.61 7.84	24.84 -0.56 7.79	23.08 -0.56 7.55	22.46 -0.63 7.96	23.04 -0.61 2.87	21.79 -0.54 0.18
SITHE_IND_GS2 24170	28.04 -0.69 0.00	23.63 -0.63 0.00	18.47 -0.54 0.00	19.60 -0.57 0.00	19.96 -0.56 0.00	21.05 -0.67 4.14	2.97 -0.68 22.54	16.26 -0.55 5.03	19.71 -0.47 0.00	20.64 -0.46 0.00	22.09 -0.48 0.00	23.44 -0.49 0.00	22.76 -0.47 0.00	23.78 -0.50 3.00	22.43 -0.38 0.07	23.31 -0.41 0.65	23.39 -0.46 5.10	22.36 -0.61 14.01	28.68 -0.61 7.84	24.84 -0.56 7.79	23.08 -0.56 7.55	22.46 -0.63 7.96	23.04 -0.61 2.87	21.79 -0.54 0.18
SITHE_IND_GS3 24171	28.04 -0.69 0.00	23.63 -0.63 0.00	18.47 -0.54 0.00	19.60 -0.57 0.00	19.96 -0.56 0.00	21.05 -0.67 4.14	2.97 -0.68 22.54	16.26 -0.55 5.03	19.71 -0.47 0.00	20.64 -0.46 0.00	22.09 -0.48 0.00	23.44 -0.49 0.00	22.76 -0.47 0.00	23.78 -0.50 3.00	22.43 -0.38 0.07	23.31 -0.41 0.65	23.39 -0.46 5.10	22.36 -0.61 14.01	28.68 -0.61 7.84	24.84 -0.56 7.79	23.08 -0.56 7.55	22.46 -0.63 7.96	23.04 -0.61 2.87	21.79 -0.54 0.18
SITHE_IND_GS4 24172	28.04 -0.69 0.00	23.63 -0.63 0.00	18.47 -0.54 0.00	19.60 -0.57 0.00	19.96 -0.56 0.00	21.05 -0.67 4.14	2.97 -0.68 22.54	16.26 -0.55 5.03	19.71 -0.47 0.00	20.64 -0.46 0.00	22.09 -0.48 0.00	23.44 -0.49 0.00	22.76 -0.47 0.00	23.78 -0.50 3.00	22.43 -0.38 0.07	23.31 -0.41 0.65	23.39 -0.46 5.10	22.36 -0.61 14.01	28.68 -0.61 7.84	24.84 -0.56 7.79	23.08 -0.56 7.55	22.46 -0.63 7.96	23.04 -0.61 2.87	21.79 -0.54 0.18
SITHE___BATAVIA 24024	28.91 0.56 0.39	24.60 0.34 0.00	18.99 -0.01 0.00	20.09 -0.07 0.00	20.53 0.02 0.00	25.50 0.23 0.58	22.79 0.35 3.75	21.56 0.43 0.70	20.65 0.63 0.16	21.72 0.73 0.12	23.16 0.86 0.27	24.99 1.06 0.00	24.30 1.07 0.00	28.13 1.27 0.42	23.89 1.02 0.01	25.35 1.05 0.09	29.24 1.01 0.72	36.05 1.04 1.97	37.69 1.66 1.10	33.75 1.66 1.10	31.37 1.24 1.06	30.95 1.02 1.12	26.95 0.84 0.40	23.15 0.66 0.03
SITHE___INDEPEND 23800	28.04 -0.70 0.00	23.63 -0.63 0.00	18.47 -0.54 0.00	19.60 -0.57 0.00	19.96 -0.56 0.00	21.05 -0.67 4.14	2.97 -0.68 22.54	16.26 -0.55 5.03	19.70 -0.47 0.00	20.64 -0.46 0.00	22.10 -0.47 0.00	23.44 -0.49 0.00	22.76 -0.47 0.00	23.78 -0.50 3.00	22.43 -0.37 0.07	23.31 -0.42 0.65	23.39 -0.46 5.10	22.36 -0.61 14.01	28.68 -0.61 7.84	24.84 -0.56 7.79	23.08 -0.56 7.55	22.46 -0.63 7.96	23.04 -0.61 2.87	21.79 -0.54 0.18

SITHE___MASSENA 23902	28.81 0.07 0.00	24.29 0.03 0.00	18.95 -0.06 0.00	20.01 -0.16 0.00	20.31 -0.20 0.00	25.62 -0.23 0.00	26.09 -0.11 0.00	21.79 -0.05 0.00	20.14 -0.03 0.00	21.11 0.00 0.00	22.54 -0.02 0.00	23.93 0.00 0.00	23.21 -0.02 0.00	27.02 -0.27 0.00	22.45 -0.42 0.00	23.90 -0.48 0.00	27.99 -0.96 0.00	35.73 -1.25 0.00	35.96 -1.17 0.00	31.74 -1.08 0.37	16.94 -1.02 13.23	31.07 -0.68 -0.71	26.27 -0.25 0.00	22.30 -0.22 0.00
SITHE___OGDNSBRG 24021	29.31 0.57 0.00	24.69 0.43 0.00	19.24 0.23 0.00	20.29 0.12 0.00	20.60 0.09 0.00	26.01 0.17 0.00	26.58 0.39 0.00	22.13 0.29 0.00	20.35 0.18 0.00	21.30 0.19 0.00	22.70 0.13 0.00	24.10 0.16 0.00	23.35 0.12 0.00	27.17 -0.11 0.00	22.54 -0.33 0.00	24.02 -0.37 0.00	28.03 -0.92 0.00	35.76 -1.22 0.00	36.13 -1.01 0.00	32.26 -0.60 0.33	19.12 -0.54 11.53	34.35 -0.09 -3.39	26.78 0.26 0.00	22.66 0.14 0.00
SITHE___STERLING 23777	29.62 0.88 0.00	24.90 0.64 0.00	19.46 0.45 0.00	20.65 0.48 0.00	21.02 0.51 0.00	26.46 0.75 0.14	26.23 0.83 0.79	22.33 0.67 0.17	20.77 0.60 0.00	21.78 0.67 0.00	23.31 0.74 0.00	24.76 0.82 0.00	24.12 0.88 0.00	28.26 1.09 0.10	23.83 0.96 0.00	25.37 1.01 0.02	30.16 1.38 0.17	38.43 1.94 0.48	38.84 1.98 0.27	34.60 1.67 0.27	32.52 1.59 0.26	32.22 1.45 0.27	27.42 1.00 0.10	23.24 0.72 0.01
SLEIGHT___34_KV_TB1 80719	28.68 -0.06 0.00	24.11 -0.15 0.00	18.73 -0.27 0.00	19.84 -0.32 0.00	20.24 -0.27 0.00	25.19 -0.19 0.47	23.51 -0.11 2.57	21.24 -0.02 0.57	20.28 0.10 0.00	21.30 0.19 0.00	22.88 0.31 0.00	24.38 0.44 0.00	23.70 0.46 0.00	27.56 0.62 0.34	23.40 0.53 0.01	24.82 0.51 0.08	28.99 0.62 0.58	36.08 0.69 1.60	37.12 0.88 0.89	33.08 0.78 0.89	30.87 0.54 0.86	30.46 0.32 0.91	26.33 0.13 0.33	22.53 0.04 0.02
SOUTH CAIRO___GT 23612	30.21 1.47 0.00	25.53 1.27 0.00	20.19 1.19 0.00	21.41 1.24 0.00	21.79 1.28 0.00	27.34 1.50 0.00	27.59 1.41 0.00	22.83 0.99 0.00	20.91 0.74 0.00	21.56 0.45 0.00	22.97 0.40 0.00	24.27 0.33 0.00	23.65 0.41 0.00	27.92 0.63 0.00	23.62 0.74 0.00	25.26 0.88 0.00	30.18 1.23 0.00	38.87 1.89 0.00	39.59 2.46 0.00	35.70 2.51 0.00	33.68 2.49 0.00	33.44 2.39 0.00	28.22 1.69 0.00	23.89 1.38 0.00
SOUTH HAMPTN___IC 23720	30.12 1.38 0.00	25.43 1.17 0.00	19.94 0.94 0.00	21.24 1.07 0.00	20.72 1.12 0.92	23.46 1.71 4.11	25.59 1.84 2.44	23.71 1.88 0.00	20.59 1.54 1.13	19.68 1.84 3.26	21.39 1.52 2.70	22.91 1.63 2.66	22.08 1.45 2.60	26.82 1.95 2.41	22.18 2.07 2.77	23.87 2.24 2.76	29.51 2.70 2.14	38.30 3.13 1.81	37.71 3.31 2.73	32.81 2.43 2.81	31.60 2.59 2.18	30.98 3.01 3.08	25.17 2.12 3.47	20.89 1.75 3.39
SOUTHDOW___115KV_TB1 355954	29.19 0.45 0.00	24.54 0.28 0.00	18.82 -0.18 0.00	19.99 -0.18 0.00	20.61 0.09 0.00	25.83 0.48 0.50	24.22 0.76 2.73	22.22 0.99 0.61	21.55 1.37 0.00	22.75 1.65 0.00	24.29 1.72 0.00	25.76 1.82 0.00	24.99 1.75 0.00	28.75 1.83 0.36	24.14 1.27 0.01	25.43 1.13 0.08	29.88 1.55 0.62	37.40 2.13 1.70	38.63 2.44 0.95	34.36 2.12 0.95	31.72 1.44 0.92	31.18 1.10 0.97	26.92 0.75 0.35	23.12 0.62 0.02
SOUTHOLD_69_KV_BK 2 55809	30.08 1.35 0.00	25.40 1.14 0.00	19.92 0.91 0.00	21.22 1.05 0.00	20.71 1.12 0.92	23.45 1.71 4.11	25.71 1.96 2.44	23.84 2.01 0.00	20.72 1.68 1.13	19.76 1.90 3.26	21.46 1.59 2.70	22.95 1.67 2.66	22.17 1.54 2.60	26.88 2.01 2.41	22.20 2.10 2.77	23.91 2.28 2.76	29.59 2.79 2.14	38.42 3.25 1.81	37.76 3.35 2.73	32.23 1.85 2.81	31.63 2.62 2.18	31.00 3.04 3.08	25.18 2.13 3.47	20.87 1.74 3.38
SOUTHOLD___IC 23719	30.07 1.33 0.00	25.40 1.14 0.00	19.92 0.91 0.00	21.22 1.05 0.00	20.71 1.11 0.92	23.45 1.71 4.11	25.69 1.94 2.44	23.83 2.00 0.00	20.70 1.65 1.13	19.78 1.93 3.26	21.44 1.58 2.70	22.94 1.67 2.66	22.15 1.52 2.60	26.86 1.99 2.41	22.21 2.10 2.77	23.90 2.27 2.76	29.55 2.75 2.14	38.38 3.22 1.81	37.68 3.27 2.73	32.18 1.80 2.81	31.61 2.59 2.18	31.00 3.03 3.08	25.17 2.12 3.47	20.86 1.73 3.38
SOUTH_FORK_WT_PWR 323839	29.67 0.93 0.00	25.08 0.82 0.00	19.67 0.66 0.00	20.94 0.77 0.00	20.43 0.83 0.92	23.06 1.32 4.11	25.43 1.68 2.44	23.73 1.90 0.00	20.61 1.57 1.13	19.73 1.88 3.26	21.27 1.40 2.70	22.72 1.44 2.66	21.94 1.32 2.60	26.60 1.73 2.41	21.96 1.85 2.77	23.61 1.99 2.76	29.22 2.41 2.14	37.96 2.79 1.81	37.28 2.88 2.73	32.17 1.79 2.81	31.33 2.32 2.18	30.57 2.61 3.08	24.82 1.77 3.47	20.56 1.43 3.38
SPIERFLS_115KV_TB 1 80737	29.56 0.82 0.00	25.11 0.85 0.00	19.78 0.77 0.00	21.05 0.88 0.00	21.45 0.94 0.00	27.01 1.17 0.00	27.36 1.17 0.00	22.73 0.89 0.00	20.88 0.71 0.00	21.75 0.64 0.00	23.19 0.62 0.00	24.64 0.70 0.00	23.95 0.72 0.00	28.41 1.12 0.00	24.02 1.14 0.00	25.69 1.31 0.00	30.38 1.43 0.00	38.99 2.01 0.00	39.34 2.21 0.00	35.05 1.86 0.00	33.20 2.01 0.00	32.93 1.89 0.00	27.98 1.46 0.00	23.67 1.15 0.00
ST LAWRENCE___ 23600	28.43 -0.30 0.00	23.99 -0.26 0.00	18.72 -0.29 0.00	19.78 -0.39 0.00	20.08 -0.43 0.00	25.30 -0.55 0.00	25.74 -0.45 0.00	21.51 -0.32 0.00	19.90 -0.28 0.00	20.85 -0.25 0.00	22.27 -0.30 0.00	23.64 -0.29 0.00	22.93 -0.30 0.00	26.69 -0.59 0.00	22.19 -0.69 0.00	23.62 -0.76 0.00	27.86 -1.09 0.00	35.60 -1.37 0.00	35.81 -1.32 0.00	31.56 -1.25 0.38	16.19 -1.18 13.82	29.69 -1.07 0.29	25.94 -0.58 0.00	22.03 -0.48 0.00
STATE_CA_115KV_115_LB 55624	29.36 0.63 0.00	24.86 0.60 0.00	19.66 0.66 0.00	20.87 0.70 0.00	21.23 0.72 0.00	26.65 0.80 0.00	26.89 0.69 0.00	22.29 0.46 0.00	20.56 0.39 0.00	21.38 0.27 0.00	22.88 0.31 0.00	24.24 0.30 0.00	23.55 0.32 0.00	27.81 0.53 0.00	23.56 0.68 0.00	25.13 0.74 0.00	29.88 0.93 0.00	38.22 1.24 0.00	38.47 1.33 0.00	34.40 1.21 0.00	32.37 1.18 0.00	32.20 1.15 0.00	27.24 0.72 0.00	23.16 0.64 0.00
STATE_ST_34_KV_LOAD 55959	29.10 0.37 0.00	24.49 0.23 0.00	19.10 0.10 0.00	20.21 0.05 0.00	20.61 0.10 0.00	26.18 0.33 0.00	26.48 0.29 0.00	22.11 0.27 0.00	20.45 0.27 0.00	21.42 0.31 0.00	22.97 0.40 0.00	24.42 0.49 0.00	23.74 0.51 0.00	27.95 0.67 0.00	23.49 0.61 0.00	25.06 0.68 0.00	29.92 0.98 0.00	38.17 1.19 0.00	38.19 1.06 0.00	34.24 1.05 0.00	32.12 0.93 0.00	31.70 0.65 0.00	26.91 0.39 0.00	22.78 0.26 0.00
STATION 5_MISC_HYD 23604	28.62 0.13 0.24	24.27 0.01 0.00	18.80 -0.20 0.00	19.92 -0.25 0.00	20.32 -0.19 0.00	25.15 -0.08 0.62	22.45 0.00 3.75	21.16 0.07 0.75	20.36 0.28 0.09	21.44 0.40 0.07	22.95 0.53 0.16	24.62 0.68 0.00	23.91 0.68 0.00	27.68 0.85 0.45	23.54 0.67 0.01	24.91 0.63 0.10	28.81 0.63 0.76	35.58 0.70 2.10	37.00 1.04 1.18	32.99 0.97 1.17	30.72 0.66 1.13	30.33 0.48 1.19	26.42 0.32 0.43	22.73 0.23 0.03

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.01 0.27 0.00	24.38 0.12 0.00	18.92 -0.09 0.00	20.06 -0.11 0.00	20.46 -0.05 0.00	25.48 0.10 0.46	23.88 0.20 2.51	21.54 0.27 0.56	20.58 0.41 0.00	21.63 0.52 0.00	23.21 0.64 0.00	24.71 0.77 0.00	24.01 0.78 0.00	27.97 1.02 0.34	23.73 0.86 0.01	25.15 0.84 0.07	29.34 0.96 0.57	36.51 1.10 1.56	37.61 1.35 0.88	33.54 1.23 0.87	31.28 0.93 0.84	30.89 0.73 0.89	26.68 0.48 0.32	22.82 0.32 0.02
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.69 -0.04 0.00	24.15 -0.11 0.00	18.72 -0.29 0.00	19.82 -0.34 0.00	20.22 -0.30 0.00	25.02 -0.22 0.61	22.73 -0.13 3.33	21.07 -0.03 0.74	20.34 0.16 0.00	21.42 0.31 0.00	23.00 0.44 0.00	24.53 0.59 0.00	23.83 0.60 0.00	27.62 0.78 0.44	23.49 0.62 0.01	24.86 0.57 0.10	28.75 0.55 0.75	35.53 0.61 2.07	36.92 0.94 1.16	32.91 0.88 1.15	30.63 0.55 1.11	30.24 0.37 1.17	26.31 0.21 0.42	22.63 0.13 0.03
STA_56____34_KV_BUS2 355983	28.69 -0.04 0.00	24.15 -0.11 0.00	18.72 -0.29 0.00	19.82 -0.34 0.00	20.22 -0.30 0.00	25.02 -0.22 0.61	22.73 -0.13 3.33	21.07 -0.03 0.74	20.34 0.16 0.00	21.42 0.31 0.00	23.00 0.44 0.00	24.53 0.59 0.00	23.83 0.60 0.00	27.62 0.78 0.44	23.49 0.62 0.01	24.86 0.57 0.10	28.75 0.55 0.75	35.53 0.61 2.07	36.92 0.94 1.16	32.91 0.88 1.15	30.63 0.55 1.11	30.24 0.37 1.17	26.31 0.21 0.42	22.63 0.13 0.03
STA_67____115KV_BK2 355882	28.76 0.02 0.00	24.21 -0.05 0.00	18.76 -0.24 0.00	19.87 -0.29 0.00	20.27 -0.24 0.00	25.08 -0.14 0.62	22.73 -0.07 3.39	21.10 0.02 0.76	20.38 0.20 0.00	21.45 0.34 0.00	23.02 0.45 0.00	24.54 0.60 0.00	23.82 0.59 0.00	27.57 0.74 0.45	23.44 0.58 0.01	24.81 0.53 0.10	28.70 0.52 0.77	35.44 0.57 2.10	36.87 0.91 1.18	32.89 0.87 1.17	30.60 0.54 1.13	30.23 0.37 1.20	26.34 0.25 0.43	22.67 0.18 0.03
STA_7____115KV_9TRANS 80674	28.99 0.26 0.00	24.40 0.14 0.00	18.89 -0.11 0.00	20.01 -0.15 0.00	20.41 -0.10 0.00	25.27 0.04 0.62	22.93 0.12 3.38	21.26 0.18 0.75	20.54 0.37 0.00	21.64 0.53 0.00	23.24 0.68 0.00	24.79 0.85 0.00	24.08 0.85 0.00	27.89 1.06 0.45	23.72 0.86 0.01	25.12 0.84 0.10	29.03 0.85 0.76	35.85 0.97 2.10	37.27 1.32 1.18	33.26 1.24 1.17	30.95 0.89 1.13	30.55 0.70 1.19	26.59 0.50 0.43	22.86 0.37 0.03
STA_82____115KV_TB1 80780	28.77 0.03 0.00	24.22 -0.04 0.00	18.77 -0.23 0.00	19.88 -0.28 0.00	20.28 -0.23 0.00	25.10 -0.13 0.61	22.80 -0.05 3.34	21.12 0.03 0.75	20.38 0.21 0.00	21.46 0.36 0.00	23.04 0.48 0.00	24.56 0.62 0.00	23.84 0.61 0.00	27.60 0.76 0.45	23.46 0.59 0.01	24.83 0.54 0.10	28.73 0.53 0.75	35.49 0.59 2.07	36.91 0.94 1.16	32.93 0.89 1.15	30.65 0.57 1.12	30.26 0.39 1.18	26.36 0.27 0.42	22.68 0.19 0.03
STEEL____WIND 323596	28.27 0.10 0.57	24.17 -0.09 0.00	18.63 -0.38 0.00	19.74 -0.43 0.00	20.17 -0.34 0.00	25.13 -0.19 0.53	22.37 -0.09 3.74	21.31 0.11 0.64	20.38 0.42 0.22	21.53 0.59 0.17	22.88 0.68 0.37	24.73 0.79 0.00	23.97 0.73 0.00	27.73 0.83 0.38	23.33 0.46 0.01	24.57 0.27 0.08	28.71 0.41 0.66	35.58 0.40 1.80	37.10 0.97 1.01	33.06 0.87 1.00	30.68 0.46 0.97	30.21 0.19 1.02	26.31 0.16 0.37	22.62 0.12 0.02
STEPHTWN_115KV_BK_2 55603	29.45 0.71 0.00	24.90 0.64 0.00	19.69 0.68 0.00	20.90 0.73 0.00	21.28 0.77 0.00	26.77 0.92 0.00	27.09 0.90 0.00	22.46 0.62 0.00	20.67 0.50 0.00	21.47 0.37 0.00	22.94 0.37 0.00	24.30 0.36 0.00	23.54 0.31 0.00	27.85 0.57 0.00	23.57 0.70 0.00	25.19 0.81 0.00	30.04 1.10 0.00	38.43 1.45 0.00	38.72 1.58 0.00	34.68 1.49 0.00	32.59 1.40 0.00	32.40 1.35 0.00	27.40 0.87 0.00	23.27 0.75 0.00
STEUBEN_REC_LFGE 323667	28.55 -0.18 0.00	23.77 -0.49 0.00	18.39 -0.62 0.00	19.61 -0.56 0.00	20.01 -0.50 0.00	25.17 -0.34 0.33	24.43 0.04 1.81	21.72 0.29 0.40	20.83 0.65 0.00	21.91 0.80 0.00	23.25 0.68 0.00	24.45 0.51 0.00	23.44 0.21 0.00	27.35 0.31 0.24	22.79 -0.08 0.00	24.05 -0.28 0.05	29.48 0.95 0.41	37.02 1.17 1.13	37.62 1.12 0.63	33.17 0.61 0.63	30.93 0.35 0.61	30.31 -0.10 0.64	26.07 -0.22 0.23	22.05 -0.45 0.01
STILLWATER____SOLAR 323814	29.78 1.05 0.00	25.23 0.97 0.00	19.87 0.87 0.00	21.15 0.98 0.00	21.53 1.02 0.00	27.10 1.25 0.00	27.41 1.22 0.00	22.76 0.92 0.00	20.89 0.72 0.00	21.75 0.64 0.00	23.21 0.65 0.00	24.62 0.68 0.00	23.90 0.67 0.00	28.32 1.03 0.00	23.95 1.07 0.00	25.58 1.19 0.00	30.38 1.44 0.00	38.99 2.01 0.00	39.36 2.23 0.00	35.21 2.02 0.00	33.20 2.01 0.00	32.99 1.94 0.00	27.91 1.39 0.00	23.65 1.13 0.00
STONY____BROOK 24151	30.49 1.76 0.00	25.75 1.49 0.00	20.20 1.19 0.00	21.51 1.35 0.00	21.02 1.39 0.88	23.98 2.07 3.93	25.88 2.02 2.33	23.64 1.81 0.00	20.63 1.54 1.08	19.76 1.77 3.12	21.61 1.63 2.59	23.19 1.80 2.55	22.37 1.64 2.49	27.15 2.17 2.31	22.52 2.30 2.65	24.23 2.49 2.64	29.76 2.88 2.06	38.50 3.26 1.74	37.91 3.40 2.62	33.16 2.67 2.70	31.76 2.66 2.09	31.28 3.19 2.96	25.50 2.31 3.34	21.26 1.97 3.23
STURGEON_POOL_HYD 23609	29.93 1.20 0.00	25.24 0.99 0.00	19.82 0.82 0.00	21.15 0.98 0.00	21.50 0.99 0.00	27.14 1.29 0.00	27.61 1.42 0.00	23.07 1.23 0.00	21.23 1.06 0.00	22.23 1.12 0.00	23.75 1.19 0.00	25.19 1.25 0.00	24.42 1.19 0.00	29.01 1.72 0.00	24.71 1.83 0.00	26.45 2.07 0.00	31.55 2.60 0.00	40.45 3.47 0.00	40.30 3.17 0.00	35.80 2.61 0.00	33.63 2.44 0.00	33.54 2.49 0.00	28.27 1.75 0.00	23.90 1.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.85 1.12 0.00	25.18 0.92 0.00	19.77 0.77 0.00	21.08 0.91 0.00	21.44 0.93 0.00	27.07 1.22 0.00	27.52 1.33 0.00	22.95 1.12 0.00	21.12 0.95 0.00	22.10 0.99 0.00	23.59 1.02 0.00	25.00 1.06 0.00	24.25 1.02 0.00	28.83 1.55 0.00	24.53 1.65 0.00	26.26 1.88 0.00	31.30 2.35 0.00	40.07 3.10 0.00	40.01 2.88 0.00	35.54 2.35 0.00	33.41 2.22 0.00	33.23 2.18 0.00	28.05 1.53 0.00	23.76 1.25 0.00
SWANROAD_115KV_TB1 355699	27.83 -0.91 0.00	23.52 -0.74 0.00	18.14 -0.87 0.00	19.17 -0.99 0.00	19.60 -0.91 0.00	24.28 -1.00 0.56	22.12 -1.01 3.06	20.43 -0.73 0.68	19.80 -0.37 0.00	20.83 -0.28 0.00	22.34 -0.22 0.00	23.81 -0.13 0.00	23.08 -0.15 0.00	26.64 -0.24 0.41	22.48 -0.38 0.01	23.65 -0.65 0.09	27.43 -0.82 0.69	33.92 -1.15 1.91	35.61 -0.46 1.07	31.79 -0.34 1.06	29.45 -0.71 1.03	29.07 -0.90 1.08	25.49 -0.64 0.39	22.00 -0.49 0.02
SYNERGY____BIOGAS 323694	28.91 0.56 0.39	24.60 0.34 0.00	18.99 -0.01 0.00	20.09 -0.07 0.00	20.53 0.02 0.00	25.50 0.23 0.58	22.79 0.35 3.75	21.56 0.43 0.70	20.65 0.63 0.16	21.72 0.73 0.12	23.16 0.86 0.27	24.99 1.06 0.00	24.30 1.07 0.00	28.13 1.27 0.42	23.89 1.02 0.01	25.35 1.05 0.09	29.24 1.01 0.72	36.05 1.04 1.97	37.69 1.66 1.10	33.75 1.66 1.10	31.37 1.24 1.06	30.95 1.02 1.12	26.95 0.84 0.40	23.15 0.66 0.03

SYRACUSE___ENERGY_ST1 323597	28.80 0.06 0.00	24.24 -0.02 0.00	18.93 -0.07 0.00	20.10 -0.07 0.00	20.47 -0.04 0.00	25.88 0.03 0.00	26.24 0.05 0.00	21.91 0.07 0.00	20.27 0.09 0.00	21.25 0.14 0.00	22.75 0.18 0.00	24.17 0.23 0.00	23.47 0.24 0.00	27.65 0.36 0.00	23.24 0.37 0.00	24.79 0.41 0.00	29.52 0.58 0.00	37.67 0.69 0.00	37.74 0.61 0.00	33.73 0.54 0.00	31.65 0.46 0.00	31.36 0.31 0.00	26.65 0.13 0.00	22.59 0.07 0.00
SYRACUSE___ENERGY_ST2 323598	28.80 0.06 0.00	24.24 -0.02 0.00	18.93 -0.07 0.00	20.10 -0.07 0.00	20.47 -0.04 0.00	25.88 0.03 0.00	26.24 0.05 0.00	21.91 0.07 0.00	20.27 0.09 0.00	21.25 0.14 0.00	22.75 0.18 0.00	24.17 0.23 0.00	23.47 0.24 0.00	27.65 0.36 0.00	23.24 0.37 0.00	24.79 0.41 0.00	29.52 0.58 0.00	37.67 0.69 0.00	37.74 0.61 0.00	33.73 0.54 0.00	31.65 0.46 0.00	31.36 0.31 0.00	26.65 0.13 0.00	22.59 0.07 0.00
SYRACUSE___POWER 24017	28.81 0.07 0.00	24.26 0.00 0.00	18.93 -0.07 0.00	20.11 -0.06 0.00	20.49 -0.02 0.00	25.69 0.04 0.20	25.18 0.07 1.08	21.69 0.09 0.24	20.29 0.11 0.00	21.26 0.16 0.00	22.77 0.21 0.00	24.19 0.25 0.00	23.49 0.25 0.00	27.51 0.37 0.14	23.24 0.37 0.00	24.77 0.42 0.03	29.30 0.60 0.24	37.05 0.74 0.67	37.41 0.65 0.37	33.37 0.56 0.37	31.30 0.48 0.36	31.02 0.35 0.38	26.56 0.17 0.14	22.62 0.11 0.01
TALLMAN__138KV_BK151 55660	29.96 1.23 0.00	25.25 0.99 0.00	19.82 0.81 0.00	21.15 0.98 0.00	21.49 0.99 0.00	27.17 1.32 0.00	27.64 1.45 0.00	23.06 1.22 0.00	21.24 1.07 0.00	22.23 1.13 0.00	23.70 1.13 0.00	25.11 1.17 0.00	24.34 1.11 0.00	28.99 1.70 0.00	24.69 1.81 0.00	26.44 2.06 0.00	31.51 2.56 0.00	40.32 3.34 0.00	40.19 3.06 0.00	35.64 2.45 0.00	33.50 2.31 0.00	33.29 2.24 0.00	28.10 1.58 0.00	23.82 1.30 0.00
TEALLAVE_115KV_TB7 355573	28.65 -0.09 0.00	24.12 -0.13 0.00	18.83 -0.17 0.00	20.00 -0.16 0.00	20.37 -0.14 0.00	25.45 -0.12 0.28	24.58 -0.09 1.53	21.46 -0.04 0.34	20.18 0.00 0.00	21.16 0.05 0.00	22.67 0.10 0.00	24.07 0.13 0.00	23.36 0.13 0.00	27.28 0.20 0.20	23.09 0.22 0.00	24.60 0.26 0.04	28.99 0.39 0.35	36.49 0.46 0.95	37.00 0.40 0.53	32.98 0.32 0.53	30.92 0.24 0.51	30.64 0.13 0.54	26.33 0.01 0.19	22.50 -0.01 0.01
TELGRAPH_34_KV_EAST 80808	28.60 -0.13 0.00	24.12 -0.14 0.00	18.59 -0.41 0.00	19.67 -0.50 0.00	20.10 -0.41 0.00	24.95 -0.33 0.57	22.80 -0.28 3.11	21.04 -0.10 0.69	20.32 0.14 0.00	21.38 0.28 0.00	22.95 0.39 0.00	24.47 0.53 0.00	23.74 0.51 0.00	27.45 0.58 0.41	23.23 0.36 0.01	24.53 0.23 0.09	28.40 0.16 0.70	35.08 0.04 1.94	36.75 0.71 1.09	32.84 0.73 1.08	30.47 0.33 1.05	30.06 0.12 1.11	26.27 0.15 0.40	22.62 0.13 0.03
TEMPLE___115KV_TB 2 55572	28.66 -0.07 0.00	24.14 -0.12 0.00	18.84 -0.16 0.00	20.02 -0.15 0.00	20.38 -0.13 0.00	25.47 -0.10 0.28	24.58 -0.07 1.54	21.47 -0.03 0.34	20.20 0.02 0.00	21.17 0.07 0.00	22.69 0.12 0.00	24.09 0.16 0.00	23.38 0.15 0.00	27.32 0.24 0.20	23.12 0.25 0.00	24.63 0.29 0.04	29.03 0.43 0.35	36.53 0.51 0.95	37.03 0.43 0.53	33.01 0.35 0.53	30.95 0.27 0.51	30.67 0.16 0.54	26.36 0.03 0.20	22.51 0.00 0.01
TIANA____69_KV_BK 1 55817	30.21 1.47 0.00	25.49 1.23 0.00	19.99 0.99 0.00	21.29 1.12 0.00	20.77 1.18 0.92	23.52 1.78 4.11	25.63 1.88 2.44	23.69 1.86 0.00	20.58 1.54 1.13	19.60 1.75 3.26	21.40 1.53 2.70	22.92 1.64 2.66	22.11 1.48 2.60	26.84 1.96 2.41	22.19 2.09 2.77	23.90 2.28 2.76	29.56 2.75 2.14	38.37 3.20 1.81	37.82 3.42 2.73	32.93 2.55 2.81	31.67 2.66 2.18	31.04 3.08 3.08	25.23 2.18 3.47	20.95 1.81 3.38
TILDEN___115KV_TB1 80814	28.81 0.07 0.00	24.26 0.00 0.00	18.93 -0.07 0.00	20.11 -0.06 0.00	20.49 -0.02 0.00	25.69 0.04 0.20	25.18 0.07 1.08	21.69 0.09 0.24	20.29 0.11 0.00	21.26 0.16 0.00	22.77 0.21 0.00	24.19 0.25 0.00	23.49 0.25 0.00	27.51 0.37 0.14	23.24 0.37 0.00	24.77 0.42 0.03	29.30 0.60 0.24	37.05 0.74 0.67	37.41 0.65 0.37	33.37 0.56 0.37	31.30 0.48 0.36	31.02 0.35 0.38	26.56 0.17 0.14	22.62 0.11 0.01
TRIGEN___CC 323695	30.35 1.61 0.00	25.59 1.34 0.00	20.10 1.10 0.00	21.42 1.25 0.00	25.99 1.28 -4.21	46.50 1.83 -18.82	39.15 1.79 -11.17	23.38 1.53 -0.02	26.73 1.39 -5.17	37.54 1.51 -14.93	36.43 1.47 -12.39	37.75 1.62 -12.19	36.64 1.47 -11.94	40.28 1.95 -11.04	37.66 2.08 -12.71	38.74 2.22 -12.13	40.80 2.75 -9.11	48.20 3.36 -7.86	52.23 3.43 -11.66	47.88 2.74 -11.95	43.15 2.68 -9.28	47.10 2.94 -13.11	43.41 2.11 -14.77	41.87 1.80 -17.54
TRINITY__115KV__4 BK 55933	29.23 0.50 0.00	24.76 0.50 0.00	19.59 0.59 0.00	20.80 0.64 0.00	21.15 0.64 0.00	26.55 0.70 0.00	26.78 0.58 0.00	22.19 0.35 0.00	20.46 0.28 0.00	21.27 0.16 0.00	22.74 0.17 0.00	24.07 0.14 0.00	23.38 0.15 0.00	27.60 0.31 0.00	23.37 0.50 0.00	24.93 0.54 0.00	29.61 0.66 0.00	37.88 0.90 0.00	38.15 1.02 0.00	34.13 0.95 0.00	32.15 0.96 0.00	32.00 0.95 0.00	27.07 0.55 0.00	23.04 0.52 0.00
UNION___PROCESSING_DRP 323587	28.79 0.05 0.00	24.23 -0.03 0.00	18.78 -0.23 0.00	19.89 -0.28 0.00	20.29 -0.22 0.00	25.11 -0.12 0.61	22.82 -0.04 3.33	21.13 0.04 0.74	20.40 0.22 0.00	21.47 0.37 0.00	23.04 0.48 0.00	24.57 0.63 0.00	23.85 0.62 0.00	27.61 0.77 0.44	23.47 0.61 0.01	24.84 0.55 0.10	28.75 0.55 0.75	35.52 0.61 2.06	36.93 0.96 1.16	32.94 0.90 1.15	30.67 0.59 1.11	30.29 0.41 1.17	26.38 0.28 0.42	22.69 0.20 0.03
UPPER HUDSON___HYD 24058	29.55 0.81 0.00	25.11 0.85 0.00	19.78 0.77 0.00	21.05 0.88 0.00	21.45 0.94 0.00	27.01 1.16 0.00	27.36 1.17 0.00	22.73 0.89 0.00	20.88 0.71 0.00	21.75 0.64 0.00	23.19 0.62 0.00	24.64 0.70 0.00	23.95 0.72 0.00	28.41 1.12 0.00	24.02 1.14 0.00	25.69 1.31 0.00	30.37 1.43 0.00	38.99 2.01 0.00	39.34 2.21 0.00	35.05 1.86 0.00	33.20 2.01 0.00	32.93 1.89 0.00	27.98 1.46 0.00	23.67 1.15 0.00
UPPER RAQUET___HYD 24056	28.97 0.23 0.00	24.38 0.12 0.00	18.97 -0.04 0.00	20.00 -0.17 0.00	20.29 -0.22 0.00	25.65 -0.20 0.00	26.20 0.01 0.00	21.89 0.05 0.00	20.22 0.05 0.00	21.21 0.11 0.00	22.64 0.07 0.00	24.04 0.10 0.00	23.29 0.06 0.00	27.10 -0.18 0.00	22.52 -0.35 0.00	23.98 -0.40 0.00	27.93 -1.02 0.00	35.35 -1.62 0.00	35.61 -1.52 0.00	31.57 -1.31 0.30	19.56 -1.19 10.45	35.51 -0.63 -5.10	26.39 -0.13 0.00	22.30 -0.22 0.00
VALLEY44_115KV_TB2 355964	29.51 0.78 0.00	24.78 0.52 0.00	19.14 0.14 0.00	20.40 0.23 0.00	20.81 0.30 0.00	26.04 0.67 0.48	24.48 0.90 2.61	22.22 0.97 0.58	21.38 1.21 0.00	22.41 1.31 0.00	23.92 1.35 0.00	25.37 1.43 0.00	24.47 1.23 0.00	28.39 1.45 0.35	23.88 1.01 0.01	25.17 0.86 0.08	29.43 1.07 0.59	36.44 1.09 1.63	37.61 1.39 0.91	33.31 1.03 0.91	31.03 0.71 0.88	30.79 0.67 0.93	26.89 0.71 0.33	23.21 0.71 0.02

VALLEY___115KV_TB 1-4 80826	29.18 0.44 0.00	24.63 0.37 0.00	19.38 0.38 0.00	20.62 0.45 0.00	20.98 0.47 0.00	26.43 0.58 0.00	26.73 0.54 0.00	22.13 0.29 0.00	20.30 0.12 0.00	21.12 0.01 0.00	22.59 0.02 0.00	23.96 0.02 0.00	23.30 0.07 0.00	27.57 0.28 0.00	23.27 0.40 0.00	24.84 0.45 0.00	29.57 0.62 0.00	37.83 0.85 0.00	38.27 1.14 0.00	34.31 1.10 -0.02	33.12 1.26 -0.67	32.30 1.24 -0.01	27.24 0.72 0.00	22.98 0.47 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.69 0.96 0.00	25.09 0.83 0.00	19.65 0.64 0.00	20.91 0.74 0.00	21.29 0.78 0.00	26.80 1.04 0.09	26.72 1.04 0.51	22.62 0.89 0.11	21.00 0.83 0.00	22.00 0.89 0.00	23.50 0.93 0.00	24.93 0.99 0.00	24.19 0.95 0.00	28.51 1.29 0.07	24.08 1.21 0.00	25.72 1.35 0.02	30.51 1.68 0.11	38.74 2.08 0.32	38.98 2.03 0.18	34.77 1.76 0.18	32.66 1.64 0.17	32.55 1.68 0.18	27.65 1.19 0.06	23.44 0.93 0.00
VISCHER___FERRY HYD 24020	29.52 0.78 0.00	25.00 0.74 0.00	19.74 0.74 0.00	21.01 0.84 0.00	21.37 0.86 0.00	26.83 0.99 0.00	27.12 0.93 0.00	22.50 0.66 0.00	20.67 0.50 0.00	21.50 0.40 0.00	22.98 0.41 0.00	24.32 0.38 0.00	23.61 0.38 0.00	27.95 0.67 0.00	23.63 0.76 0.00	25.18 0.80 0.00	29.92 0.97 0.00	38.33 1.35 0.00	38.68 1.55 0.00	34.64 1.46 0.00	32.65 1.46 0.00	32.48 1.43 0.00	27.45 0.93 0.00	23.32 0.80 0.00
V_A_10_SYNC_DSASP 323832	27.86 -0.45 0.43	23.80 -0.46 0.00	18.40 -0.61 0.00	19.48 -0.68 0.00	19.90 -0.61 0.00	24.65 -0.59 0.61	21.68 -0.52 3.99	20.73 -0.36 0.75	19.93 -0.08 0.17	20.99 0.01 0.13	22.36 0.08 0.28	24.12 0.18 0.00	23.37 0.14 0.00	26.98 0.14 0.45	22.84 -0.03 0.01	24.09 -0.20 0.10	27.96 -0.23 0.76	34.53 -0.36 2.08	36.11 0.14 1.16	32.15 0.12 1.16	29.86 -0.21 1.12	29.49 -0.38 1.18	25.77 -0.32 0.43	22.26 -0.24 0.03
V_CMM_10_SYNC_DSASP 323787	28.57 -0.17 0.00	24.10 -0.16 0.00	18.80 -0.20 0.00	19.87 -0.30 0.00	20.17 -0.34 0.00	25.42 -0.43 0.00	25.87 -0.33 0.00	21.61 -0.22 0.00	19.99 -0.18 0.00	20.95 -0.16 0.00	22.37 -0.19 0.00	23.76 -0.17 0.00	23.04 -0.19 0.00	26.83 -0.46 0.00	22.29 -0.58 0.00	23.74 -0.65 0.00	27.99 -0.96 0.00	35.78 -1.20 0.00	35.99 -1.15 0.00	31.72 -1.09 0.38	16.33 -1.04 13.82	29.82 -0.94 0.29	26.04 -0.48 0.00	22.12 -0.39 0.00
V_CMP_10_SYNC_DSASP 323788	29.62 0.88 0.00	24.97 0.71 0.00	19.11 0.10 0.00	19.97 -0.20 0.00	20.19 -0.32 0.00	25.32 -0.52 0.00	26.36 0.16 0.00	22.28 0.45 0.00	20.64 0.47 0.00	21.70 0.60 0.00	23.26 0.70 0.00	24.75 0.81 0.00	24.01 0.78 0.00	27.77 0.49 0.00	23.07 0.19 0.00	24.59 0.20 0.00	28.68 -0.27 0.00	36.72 -0.25 0.00	37.13 0.00 0.00	32.48 -0.33 0.37	12.63 -0.98 17.59	-9.54 -1.96 38.63	26.45 -0.07 0.00	22.12 -0.40 0.00
V_D_10_SYNC_DSASP 323841	28.81 0.07 0.00	24.29 0.03 0.00	18.95 -0.06 0.00	20.01 -0.16 0.00	20.32 -0.20 0.00	25.62 -0.23 0.00	26.09 -0.11 0.00	21.79 -0.05 0.00	20.14 -0.03 0.00	21.11 0.00 0.00	22.54 -0.02 0.00	23.93 0.00 0.00	23.22 -0.02 0.00	27.02 -0.27 0.00	22.46 -0.42 0.00	23.90 -0.48 0.00	28.00 -0.94 0.00	35.75 -1.23 0.00	35.98 -1.15 0.00	31.75 -1.07 0.37	16.91 -1.01 13.27	31.01 -0.68 -0.64	26.27 -0.25 0.00	22.30 -0.22 0.00
V_E_10_SYNC_DSASP 323830	30.40 1.53 -0.14	25.63 1.37 0.00	19.88 0.88 0.00	21.18 1.02 0.00	21.71 1.20 0.00	27.46 1.75 0.13	27.61 1.94 0.52	23.33 1.66 0.16	21.72 1.50 -0.05	22.69 1.54 -0.04	24.26 1.61 -0.09	25.56 1.62 0.00	24.95 1.72 0.00	29.26 2.07 0.10	24.60 1.72 0.00	26.27 1.91 0.02	31.40 2.61 0.16	39.99 3.46 0.45	40.76 3.87 0.25	36.44 3.50 0.25	34.00 3.05 0.24	33.94 3.15 0.26	28.61 2.18 0.09	23.90 1.39 0.01
V_F_30_NSYNC___DSASP 323816	29.83 1.09 0.00	25.25 1.00 0.00	19.89 0.89 0.00	21.17 1.00 0.00	21.55 1.04 0.00	27.13 1.28 0.00	27.45 1.26 0.00	22.80 0.96 0.00	20.94 0.77 0.00	21.81 0.71 0.00	23.29 0.72 0.00	24.70 0.77 0.00	23.99 0.76 0.00	28.42 1.14 0.00	24.03 1.15 0.00	25.67 1.28 0.00	30.49 1.55 0.00	39.11 2.13 0.00	39.46 2.33 0.00	35.28 2.09 0.00	33.26 2.07 0.00	33.04 1.99 0.00	27.96 1.44 0.00	23.68 1.17 0.00
V_F_30_SYNC_DSASP 323786	29.36 0.62 0.00	24.86 0.60 0.00	19.66 0.66 0.00	20.87 0.70 0.00	21.23 0.72 0.00	26.65 0.80 0.00	26.89 0.69 0.00	22.29 0.46 0.00	20.56 0.39 0.00	21.38 0.27 0.00	22.87 0.31 0.00	24.23 0.30 0.00	23.55 0.32 0.00	27.80 0.51 0.00	23.55 0.67 0.00	25.13 0.74 0.00	29.87 0.92 0.00	38.21 1.23 0.00	38.46 1.32 0.00	34.40 1.21 0.00	32.36 1.17 0.00	32.20 1.15 0.00	27.24 0.72 0.00	23.16 0.64 0.00
V_XM_10_SYNC_DSASP 323789	29.62 0.88 0.00	24.97 0.71 0.00	19.11 0.10 0.00	19.97 -0.20 0.00	20.19 -0.32 0.00	25.32 -0.52 0.00	26.36 0.16 0.00	22.28 0.45 0.00	20.64 0.47 0.00	21.70 0.60 0.00	23.26 0.70 0.00	24.75 0.81 0.00	24.01 0.78 0.00	27.77 0.49 0.00	23.07 0.19 0.00	24.59 0.20 0.00	28.68 -0.27 0.00	36.72 -0.25 0.00	37.13 0.00 0.00	32.48 -0.33 0.37	12.63 -0.98 17.59	-9.54 -1.96 38.63	26.45 -0.07 0.00	22.12 -0.40 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.04 1.31 0.00	25.33 1.07 0.00	19.89 0.88 0.00	21.21 1.04 0.00	21.56 1.05 0.00	27.25 1.40 0.00	27.71 1.52 0.00	23.13 1.29 0.00	21.29 1.12 0.00	22.29 1.18 0.00	23.76 1.19 0.00	25.16 1.23 0.00	24.40 1.17 0.00	29.07 1.78 0.00	24.78 1.90 0.00	26.53 2.15 0.00	31.61 2.66 0.00	40.44 3.46 0.00	40.32 3.18 0.00	35.74 2.55 0.00	33.59 2.40 0.00	33.38 2.33 0.00	28.18 1.66 0.00	23.87 1.35 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.36 1.62 0.00	25.58 1.33 0.00	20.11 1.11 0.00	21.44 1.28 0.00	21.80 1.30 0.00	27.55 1.70 0.00	30.38 1.86 -2.33	209.29 1.55 -185.90	190.36 1.32 -168.87	54.22 1.39 -31.72	49.72 1.47 -25.68	53.51 1.55 -28.03	59.11 1.48 -34.40	57.05 2.08 -27.68	71.14 2.11 -46.16	96.22 2.34 -69.49	94.40 2.88 -62.58	40.79 3.82 0.00	40.75 3.62 0.00	36.22 3.03 0.00	34.06 2.87 0.00	33.88 2.83 0.00	28.59 2.07 0.00	24.21 1.69 0.00
W50THST__13_KV_LOAD 356117	30.57 1.83 0.00	25.76 1.50 0.00	20.24 1.24 0.00	21.57 1.41 0.00	21.94 1.43 0.00	27.73 1.88 0.00	30.59 2.07 -2.33	209.42 1.68 -185.90	190.50 1.46 -168.87	54.37 1.54 -31.72	49.90 1.65 -25.68	53.71 1.75 -28.03	59.31 1.67 -34.40	57.28 2.32 -27.68	71.34 2.30 -46.16	96.42 2.55 -69.49	94.64 3.12 -62.58	41.11 4.13 0.00	41.05 3.92 0.00	36.46 3.27 0.00	34.28 3.09 0.00	34.10 3.05 0.00	28.79 2.27 0.00	24.36 1.85 0.00
WADING RIVER_IC_1 23522	30.07 1.34 0.00	25.39 1.13 0.00	19.92 0.92 0.00	21.22 1.05 0.00	20.68 1.09 0.92	23.40 1.68 4.12	25.41 1.67 2.45	23.42 1.58 0.00	20.30 1.26 1.13	19.31 1.48 3.27	21.13 1.28 2.71	22.68 1.41 2.67	21.86 1.25 2.61	26.57 1.70 2.42	22.00 1.90 2.78	23.69 2.07 2.77	29.26 2.46 2.15	37.96 2.80 1.82	37.36 2.97 2.74	32.64 2.27 2.82	31.35 2.35 2.19	30.76 2.81 3.10	25.01 1.97 3.49	20.79 1.67 3.40



WADING RIVER_IC_2 23547	30.07 1.34 0.00	25.39 1.13 0.00	19.92 0.92 0.00	21.22 1.05 0.00	20.68 1.09 0.92	23.40 1.68 4.12	25.41 1.67 2.45	23.42 1.58 0.00	20.30 1.26 1.13	19.31 1.48 3.27	21.13 1.28 2.71	22.68 1.41 2.67	21.86 1.25 2.61	26.57 1.70 2.42	22.00 1.90 2.78	23.69 2.07 2.77	29.26 2.46 2.15	37.96 2.80 1.82	37.36 2.97 2.74	32.64 2.27 2.82	31.35 2.35 2.19	30.76 2.81 3.10	25.01 1.97 3.49	20.79 1.67 3.40
WADING RIVER_IC_3 23601	30.07 1.34 0.00	25.39 1.13 0.00	19.92 0.92 0.00	21.22 1.05 0.00	20.68 1.09 0.92	23.40 1.68 4.12	25.41 1.67 2.45	23.42 1.58 0.00	20.30 1.26 1.13	19.31 1.48 3.27	21.13 1.28 2.71	22.68 1.41 2.67	21.86 1.25 2.61	26.57 1.70 2.42	22.00 1.90 2.78	23.69 2.07 2.77	29.26 2.46 2.15	37.96 2.80 1.82	37.36 2.97 2.74	32.64 2.27 2.82	31.35 2.35 2.19	30.76 2.81 3.10	25.01 1.97 3.49	20.79 1.67 3.40
WALDENNY_I2_KV_BK2 80841	28.80 0.06 0.00	24.21 -0.05 0.00	18.66 -0.35 0.00	19.76 -0.41 0.00	20.20 -0.31 0.00	25.14 -0.18 0.53	23.20 -0.09 2.90	21.29 0.10 0.65	20.59 0.42 0.00	21.71 0.61 0.00	23.30 0.73 0.00	24.80 0.87 0.00	24.05 0.81 0.00	27.84 0.94 0.39	23.40 0.54 0.01	24.61 0.31 0.09	28.73 0.44 0.66	35.64 0.47 1.81	37.18 1.06 1.01	33.11 0.93 1.01	30.71 0.49 0.98	30.26 0.24 1.03	26.38 0.23 0.37	22.68 0.18 0.02
WALDEN___HYDRO 24148	29.98 1.25 0.00	25.28 1.03 0.00	19.86 0.86 0.00	21.18 1.01 0.00	21.54 1.03 0.00	27.18 1.33 0.00	27.63 1.44 0.00	23.05 1.21 0.00	21.20 1.03 0.00	22.17 1.07 0.00	23.67 1.10 0.00	25.08 1.15 0.00	24.34 1.10 0.00	28.94 1.65 0.00	24.62 1.74 0.00	26.36 1.97 0.00	31.43 2.48 0.00	40.29 3.31 0.00	40.23 3.09 0.00	35.77 2.58 0.00	33.62 2.43 0.00	33.44 2.39 0.00	28.22 1.69 0.00	23.89 1.37 0.00
WARRENSBURG___ 23737	29.55 0.81 0.00	25.11 0.85 0.00	19.78 0.77 0.00	21.05 0.88 0.00	21.45 0.94 0.00	27.01 1.16 0.00	27.36 1.17 0.00	22.73 0.89 0.00	20.88 0.71 0.00	21.75 0.64 0.00	23.19 0.62 0.00	24.64 0.70 0.00	23.95 0.72 0.00	28.41 1.12 0.00	24.02 1.14 0.00	25.69 1.31 0.00	30.37 1.43 0.00	38.99 2.01 0.00	39.34 2.21 0.00	35.05 1.86 0.00	33.20 2.01 0.00	32.93 1.89 0.00	27.98 1.46 0.00	23.67 1.15 0.00
WATERSIDE___6 8 9 23538	29.70 1.58 0.61	25.55 1.29 0.00	20.08 1.08 0.00	21.41 1.25 0.00	21.78 1.27 0.00	27.50 1.66 0.00	30.18 1.81 -2.19	197.53 1.53 -174.16	179.61 1.23 -158.20	52.10 1.28 -29.72	48.00 1.37 -24.06	51.63 1.43 -26.26	56.82 1.36 -32.23	55.16 1.95 -25.93	68.11 1.98 -43.25	91.69 2.21 -65.10	90.30 2.73 -58.62	40.67 3.69 0.00	40.61 3.48 0.00	36.12 2.93 0.00	34.00 2.80 0.00	33.87 2.82 0.00	28.61 2.09 0.00	24.21 1.69 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.06 0.33 0.00	24.54 0.28 0.00	19.29 0.29 0.00	20.52 0.35 0.00	20.88 0.36 0.00	26.30 0.45 0.00	26.59 0.40 0.00	22.06 0.23 0.00	20.27 0.09 0.00	21.12 0.01 0.00	22.59 0.02 0.00	23.96 0.02 0.00	23.29 0.06 0.00	27.51 0.23 0.00	23.20 0.33 0.00	24.76 0.38 0.00	29.47 0.53 0.00	37.70 0.72 0.00	38.07 0.94 0.00	34.12 0.92 -0.02	32.83 0.96 -0.67	32.01 0.95 -0.01	27.09 0.57 0.00	22.91 0.39 0.00
WATSON___69_KV_BK 1 55734	30.78 2.05 0.00	25.96 1.71 0.00	20.37 1.36 0.00	21.69 1.53 0.00	21.52 1.56 0.55	25.58 2.21 2.48	26.96 2.25 1.47	23.80 1.96 0.00	21.16 1.67 0.68	20.99 1.85 1.97	22.79 1.85 1.63	24.35 2.02 1.60	23.54 1.88 1.57	28.25 2.42 1.45	23.64 2.43 1.67	25.38 2.69 1.70	30.86 3.26 1.34	39.52 3.73 1.18	39.22 3.81 1.73	34.59 3.15 1.76	32.94 3.11 1.37	32.64 3.52 1.93	26.96 2.61 2.17	22.81 2.19 1.90
WDELAWARE___HYD 323627	29.77 1.03 0.00	25.34 1.08 0.00	19.89 0.89 0.00	21.23 1.06 0.00	21.60 1.08 0.00	27.30 1.46 0.00	27.78 1.60 0.00	23.19 1.36 0.00	21.31 1.14 0.00	22.26 1.15 0.00	23.79 1.23 0.00	25.15 1.22 0.00	24.25 1.02 0.00	28.04 0.75 0.00	23.89 1.01 0.00	25.57 1.19 0.00	30.62 1.68 0.00	39.56 2.58 0.00	39.33 2.19 0.00	34.95 1.76 0.00	32.99 1.80 0.00	33.79 2.74 0.00	28.46 1.94 0.00	24.04 1.52 0.00
WEST BABYLON___IC 23714	30.67 1.94 0.00	25.88 1.62 0.00	20.30 1.30 0.00	21.62 1.45 0.00	22.00 1.49 0.00	28.00 2.15 0.00	28.32 2.13 0.00	23.69 1.85 0.00	21.79 1.62 0.00	22.89 1.78 0.00	24.33 1.76 0.00	25.85 1.91 0.00	24.98 1.75 0.00	29.54 2.26 0.00	25.21 2.33 0.00	26.92 2.54 0.00	32.04 3.09 0.00	40.58 3.60 0.00	40.88 3.74 0.00	36.21 3.03 0.00	34.21 3.01 0.00	34.48 3.43 0.00	29.05 2.53 0.00	25.25 2.13 -0.60
WEST CANADA___HYD 24049	28.89 0.15 0.00	24.41 0.15 0.00	19.15 0.14 0.00	20.33 0.17 0.00	20.69 0.18 0.00	26.06 0.21 0.00	26.38 0.19 0.00	21.98 0.14 0.00	20.29 0.12 0.00	21.21 0.11 0.00	22.68 0.11 0.00	24.06 0.12 0.00	23.35 0.12 0.00	27.49 0.21 0.00	23.11 0.23 0.00	24.64 0.25 0.00	29.29 0.35 0.00	37.42 0.45 0.00	37.59 0.45 0.00	33.62 0.42 -0.02	32.27 0.41 -0.67	31.46 0.40 -0.01	26.74 0.22 0.00	22.70 0.18 0.00
WESTERN_NY_WIND 24143	29.20 0.46 0.00	24.58 0.32 0.00	18.96 -0.04 0.00	20.07 -0.10 0.00	20.50 -0.01 0.00	25.47 0.20 0.58	23.34 0.29 3.15	21.52 0.39 0.70	20.75 0.58 0.00	21.81 0.70 0.00	23.40 0.83 0.00	24.95 1.02 0.00	24.27 1.04 0.00	28.08 1.21 0.42	23.84 0.98 0.01	25.29 1.00 0.09	29.17 0.94 0.71	35.98 0.96 1.96	37.64 1.60 1.10	33.70 1.61 1.09	31.32 1.19 1.06	30.89 0.96 1.12	26.91 0.79 0.40	23.12 0.63 0.03
WESTOVER___LESR 323668	29.13 0.39 0.00	24.54 0.28 0.00	19.14 0.14 0.00	20.39 0.22 0.00	20.79 0.28 0.00	26.16 0.46 0.15	25.86 0.48 0.82	22.14 0.49 0.18	20.70 0.53 0.00	21.69 0.58 0.00	23.19 0.62 0.00	24.60 0.66 0.00	23.86 0.63 0.00	28.10 0.93 0.11	23.69 0.82 0.00	25.23 0.87 0.02	29.94 1.18 0.18	37.86 1.39 0.51	38.20 1.35 0.28	34.01 1.10 0.28	31.86 0.95 0.28	31.62 0.86 0.29	26.99 0.58 0.10	22.93 0.42 0.01
WETHRSFD_WT_PWR 323626	28.45 -0.28 0.00	23.72 -0.54 0.00	18.30 -0.70 0.00	19.44 -0.73 0.00	19.86 -0.65 0.00	24.81 -0.57 0.47	23.26 -0.37 2.56	21.18 -0.09 0.57	20.43 0.26 0.00	21.48 0.37 0.00	22.94 0.37 0.00	24.21 0.27 0.00	23.40 0.17 0.00	27.15 0.21 0.34	22.73 -0.14 0.01	23.99 -0.33 0.08	28.47 0.10 0.58	35.36 -0.02 1.59	36.54 0.30 0.89	32.61 0.31 0.89	30.32 -0.01 0.86	29.71 -0.43 0.91	25.80 -0.39 0.33	22.06 -0.44 0.02
WHAVSTOR_138KV_BK127 55557	29.92 1.18 0.00	25.23 0.98 0.00	19.82 0.81 0.00	21.14 0.98 0.00	21.49 0.98 0.00	27.15 1.31 0.00	27.61 1.42 0.00	23.04 1.20 0.00	21.19 1.01 0.00	22.17 1.06 0.00	23.64 1.07 0.00	25.04 1.10 0.00	24.26 1.03 0.00	28.88 1.60 0.00	24.62 1.74 0.00	26.36 1.98 0.00	31.40 2.45 0.00	40.17 3.19 0.00	40.06 2.92 0.00	35.52 2.34 0.00	33.40 2.21 0.00	33.20 2.15 0.00	28.02 1.50 0.00	23.75 1.23 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.92 1.18 0.00	25.23 0.98 0.00	19.82 0.81 0.00	21.14 0.98 0.00	21.49 0.98 0.00	27.15 1.31 0.00	27.61 1.42 0.00	23.04 1.20 0.00	21.19 1.01 0.00	22.17 1.06 0.00	23.64 1.07 0.00	25.04 1.10 0.00	24.26 1.03 0.00	28.88 1.60 0.00	24.62 1.74 0.00	26.36 1.98 0.00	31.40 2.45 0.00	40.17 3.19 0.00	40.06 2.92 0.00	35.52 2.34 0.00	33.40 2.21 0.00	33.20 2.15 0.00	28.02 1.50 0.00	23.75 1.23 0.00
WHITEHAL_115KV_TB1 80871	30.27 1.53 0.00	25.69 1.43 0.00	20.23 1.23 0.00	21.55 1.39 0.00	21.97 1.46 0.00	27.69 1.85 0.00	28.06 1.87 0.00	23.32 1.48 0.00	21.35 1.18 0.00	22.21 1.11 0.00	23.71 1.14 0.00	25.18 1.25 0.00	24.52 1.29 0.00	29.11 1.83 0.00	24.59 1.71 0.00	26.36 1.97 0.00	31.23 2.29 0.00	40.11 3.13 0.00	40.55 3.42 0.00	36.27 3.09 0.00	34.35 3.15 0.00	34.04 3.00 0.00	28.85 2.33 0.00	24.34 1.83 0.00
WHITEPLN_13_KV_LOAD 356215	30.40 1.66 0.00	25.62 1.36 0.00	20.13 1.13 0.00	21.46 1.29 0.00	21.82 1.31 0.00	27.52 1.67 0.00	28.04 1.85 0.00	23.45 1.61 0.00	21.58 1.41 0.00	22.58 1.48 0.00	24.14 1.57 0.00	25.59 1.65 0.00	24.82 1.59 0.00	29.52 2.24 0.00	25.12 2.24 0.00	26.89 2.51 0.00	32.04 3.09 0.00	41.03 4.06 0.00	40.96 3.83 0.00	36.37 3.18 0.00	34.17 2.98 0.00	33.98 2.93 0.00	28.66 2.13 0.00	24.24 1.72 0.00
WM_FLOYD_69_KV_BK2 356380	30.35 1.62 0.00	25.60 1.35 0.00	20.08 1.08 0.00	21.39 1.22 0.00	20.88 1.27 0.90	23.73 1.92 4.03	25.71 1.91 2.39	23.60 1.76 0.00	20.52 1.45 1.11	19.53 1.62 3.19	21.39 1.47 2.65	22.93 1.61 2.61	22.12 1.45 2.56	26.84 1.92 2.37	22.24 2.08 2.72	23.95 2.27 2.71	29.58 2.74 2.10	38.35 3.15 1.78	37.84 3.38 2.68	33.07 2.64 2.76	31.73 2.68 2.14	31.14 3.12 3.03	25.34 2.23 3.41	21.08 1.88 3.32
WOODARD__115KV_TB2 355635	28.58 -0.15 0.00	24.07 -0.19 0.00	18.80 -0.21 0.00	19.96 -0.20 0.00	20.33 -0.18 0.00	25.45 -0.17 0.22	24.81 -0.16 1.22	21.46 -0.10 0.27	20.12 -0.05 0.00	21.10 -0.01 0.00	22.60 0.03 0.00	24.00 0.06 0.00	23.29 0.06 0.00	27.26 0.13 0.16	23.04 0.17 0.00	24.54 0.19 0.04	28.97 0.30 0.28	36.58 0.36 0.76	37.01 0.30 0.42	33.00 0.24 0.42	30.96 0.17 0.41	30.69 0.07 0.43	26.31 -0.05 0.15	22.44 -0.07 0.01
YORK___WARBASSE 23770	34.08 1.74 -3.61	25.68 1.42 0.00	20.16 1.15 0.00	21.48 1.32 0.00	21.84 1.34 0.00	27.60 1.75 0.00	30.28 1.91 -2.19	197.52 1.52 -174.16	179.62 1.25 -158.20	52.13 1.30 -29.72	48.04 1.41 -24.06	51.67 1.48 -26.26	56.88 1.41 -32.23	55.23 2.01 -25.93	68.17 2.04 -43.25	91.77 2.28 -65.10	90.39 2.81 -58.62	40.81 3.83 0.00	40.74 3.61 0.00	36.25 3.07 0.00	34.13 2.94 0.00	34.04 2.99 0.00	28.71 2.18 0.00	24.28 1.76 0.00