

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/16/2024

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	31.96	30.27	28.74	28.42	29.94	34.52	47.52	57.86	50.90	41.31	37.41	35.86	35.07	35.06	35.79	37.20	43.20	53.84	63.32	58.14	52.91	45.86	40.00	35.99
24138	1.78	1.52	1.47	1.43	1.53	1.67	2.22	2.75	2.38	1.66	1.75	1.77	1.73	1.83	1.93	2.04	2.37	2.80	3.86	3.03	2.52	2.10	1.61	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	32.08	30.38	28.85	28.53	30.03	34.65	47.75	58.09	51.19	41.50	37.51	35.97	35.23	35.19	35.89	37.34	43.28	53.99	63.62	58.36	53.16	46.04	40.20	36.17
24260	1.90	1.64	1.58	1.54	1.62	1.81	2.45	2.98	2.67	1.86	1.85	1.88	1.90	1.96	2.03	2.18	2.45	2.96	4.16	3.25	2.77	2.28	1.80	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	32.08	30.38	28.85	28.53	30.03	34.65	47.75	58.09	51.19	41.50	37.51	35.97	35.23	35.19	35.89	37.34	43.28	53.99	63.62	58.36	53.16	46.04	40.20	36.17
24261	1.90	1.64	1.58	1.54	1.62	1.81	2.45	2.98	2.67	1.86	1.85	1.88	1.90	1.96	2.03	2.18	2.45	2.96	4.16	3.25	2.77	2.28	1.80	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.54	30.07	28.41	28.13	29.69	34.39	47.56	57.87	50.80	41.15	36.80	35.11	34.37	34.30	34.91	36.39	42.63	53.63	63.02	57.98	52.81	45.78	40.00	36.03
24011	1.36	1.32	1.15	1.13	1.28	1.54	2.26	2.76	2.28	1.51	1.14	1.02	1.03	1.06	1.05	1.23	1.80	2.60	3.57	2.87	2.42	2.01	1.61	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	31.72	30.27	28.60	28.32	29.86	34.62	47.93	58.30	51.19	41.47	37.01	35.32	34.63	34.53	35.15	36.57	42.95	54.04	63.62	58.47	53.21	46.13	40.27	36.30
23798	1.54	1.52	1.34	1.32	1.45	1.77	2.63	3.20	2.67	1.82	1.35	1.23	1.30	1.29	1.29	1.41	2.12	3.01	4.16	3.36	2.82	2.36	1.88	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.54	30.07	28.41	28.13	29.69	34.39	47.56	57.87	50.80	41.15</														

ALBANY___2 23572	30.39 0.21 0.00	28.95 0.20 0.00	27.43 0.16 0.00	27.15 0.16 0.00	28.61 0.20 0.00	33.08 0.23 0.00	45.71 0.41 0.00	55.39 0.28 0.00	48.71 0.19 0.00	39.48 -0.16 0.00	35.44 -0.21 0.00	33.85 -0.24 0.00	33.17 -0.17 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	35.16 0.00 0.00	41.00 0.16 0.00	51.34 0.31 0.00	60.17 0.71 0.00	55.39 0.28 0.00	50.54 0.15 0.00	43.85 0.09 0.00	38.39 0.00 0.00	34.61 0.00 0.00
ALBANY___3 23573	30.39 0.21 0.00	28.95 0.20 0.00	27.43 0.16 0.00	27.15 0.16 0.00	28.61 0.20 0.00	33.08 0.23 0.00	45.71 0.41 0.00	55.39 0.28 0.00	48.71 0.19 0.00	39.48 -0.16 0.00	35.44 -0.21 0.00	33.85 -0.24 0.00	33.17 -0.17 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	35.16 0.00 0.00	41.00 0.16 0.00	51.34 0.31 0.00	60.17 0.71 0.00	55.39 0.28 0.00	50.54 0.15 0.00	43.85 0.09 0.00	38.39 0.00 0.00	34.61 0.00 0.00
ALBANY___4 23574	30.39 0.21 0.00	28.95 0.20 0.00	27.43 0.16 0.00	27.15 0.16 0.00	28.61 0.20 0.00	33.08 0.23 0.00	45.71 0.41 0.00	55.39 0.28 0.00	48.71 0.19 0.00	39.48 -0.16 0.00	35.44 -0.21 0.00	33.85 -0.24 0.00	33.17 -0.17 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	35.16 0.00 0.00	41.00 0.16 0.00	51.34 0.31 0.00	60.17 0.71 0.00	55.39 0.28 0.00	50.54 0.15 0.00	43.85 0.09 0.00	38.39 0.00 0.00	34.61 0.00 0.00
ALBANY___LFGE 323615	30.69 0.51 0.00	29.23 0.49 0.00	27.70 0.43 0.00	27.42 0.43 0.00	28.86 0.45 0.00	33.40 0.56 0.00	46.12 0.82 0.00	55.99 0.88 0.00	49.25 0.73 0.00	39.92 0.28 0.00	35.80 0.14 0.00	34.23 0.14 0.00	33.53 0.20 0.00	33.47 0.23 0.00	34.10 0.24 0.00	35.47 0.32 0.00	41.45 0.61 0.00	51.90 0.87 0.00	60.88 1.42 0.00	55.99 0.88 0.00	51.10 0.71 0.00	44.29 0.53 0.00	38.78 0.38 0.00	34.96 0.35 0.00
ALCOA_PA_115KV_PL-6C 55860	30.00 -0.18 0.00	28.66 -0.09 0.00	27.19 -0.08 0.00	26.91 -0.08 0.00	28.33 -0.09 0.00	32.68 -0.16 0.00	45.07 -0.23 0.00	54.89 -0.22 0.00	48.32 -0.19 0.00	39.60 -0.04 0.00	35.55 -0.11 0.00	33.99 -0.10 0.00	33.33 0.00 0.00	33.10 -0.13 0.00	33.76 -0.10 0.00	34.98 -0.18 0.00	40.79 -0.04 0.00	51.03 0.00 0.00	58.86 -0.59 0.00	54.94 -0.17 0.00	50.54 0.15 0.00	43.90 0.13 0.00	38.70 0.31 0.00	34.85 0.24 0.00
ALCOA_RYNLDS___DRP 24188	30.00 -0.18 0.00	28.66 -0.09 0.00	27.19 -0.08 0.00	26.91 -0.08 0.00	28.33 -0.09 0.00	32.68 -0.16 0.00	45.07 -0.23 0.00	54.89 -0.22 0.00	48.32 -0.19 0.00	39.60 -0.04 0.00	35.55 -0.11 0.00	33.99 -0.10 0.00	33.33 0.00 0.00	33.10 -0.13 0.00	33.76 -0.10 0.00	34.98 -0.18 0.00	40.79 -0.04 0.00	51.03 0.00 0.00	58.86 -0.59 0.00	54.94 -0.17 0.00	50.54 0.15 0.00	43.90 0.13 0.00	38.70 0.31 0.00	34.85 0.24 0.00
ALCOA___DSASP 323711	30.00 -0.18 0.00	28.66 -0.09 0.00	27.19 -0.08 0.00	26.91 -0.08 0.00	28.33 -0.08 0.00	32.68 -0.16 0.00	45.07 -0.23 0.00	54.89 -0.22 0.00	48.33 -0.19 0.00	39.60 -0.04 0.00	35.55 -0.11 0.00	33.99 -0.10 0.00	33.30 -0.03 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	34.98 -0.17 0.00	40.79 -0.04 0.00	51.03 0.00 0.00	58.86 -0.59 0.00	54.94 -0.16 0.00	50.59 0.20 0.00	43.90 0.13 0.00	38.70 0.31 0.00	34.85 0.24 0.00
ALLEGHENY___COGEN 23514	30.66 0.48 0.00	29.18 0.43 0.00	27.70 0.43 0.00	27.42 0.43 0.00	29.04 0.62 0.00	33.73 0.89 0.00	46.79 1.49 0.00	57.59 2.48 0.00	50.26 1.74 0.00	41.58 1.94 0.00	37.34 1.68 0.00	35.52 1.43 0.00	34.57 1.23 0.00	34.46 1.23 0.00	35.08 1.22 0.00	36.25 1.09 0.00	40.34 -0.49 0.00	50.62 -0.41 0.00	60.29 0.83 0.00	55.99 0.88 0.00	50.44 0.05 0.00	44.03 0.26 0.00	39.89 1.50 0.00	36.10 1.49 0.00
ALTAMONT_115KV_TB 2 55880	30.78 0.60 0.00	29.32 0.57 0.00	27.79 0.52 0.00	27.51 0.51 0.00	28.98 0.57 0.00	33.47 0.62 0.00	46.21 0.91 0.00	56.10 0.99 0.00	49.30 0.78 0.00	40.00 0.36 0.00	35.98 0.32 0.00	34.40 0.31 0.00	33.67 0.33 0.00	33.60 0.37 0.00	34.24 0.37 0.00	35.65 0.49 0.00	41.53 0.69 0.00	51.95 0.92 0.00	60.82 1.37 0.00	56.10 0.99 0.00	51.20 0.81 0.00	44.42 0.66 0.00	38.89 0.50 0.00	35.06 0.45 0.00
ALTONA_WT_PWR 323606	29.03 -1.15 0.00	27.80 -0.95 0.00	26.37 -0.90 0.00	26.02 -0.97 0.00	27.39 -1.02 0.00	31.56 -1.28 0.00	43.35 -1.95 0.00	52.90 -2.21 0.00	46.63 -1.89 0.00	38.77 -0.87 0.00	34.84 -0.82 0.00	33.37 -0.72 0.00	32.87 -0.47 0.00	32.57 -0.66 0.00	33.19 -0.68 0.00	34.42 -0.74 0.00	40.30 -0.53 0.00	50.32 -0.71 0.00	58.15 -1.31 0.00	54.39 -0.72 0.00	50.24 -0.15 0.00	43.55 -0.22 0.00	38.93 0.54 0.00	35.06 0.45 0.00
AMERICAN_REF_FUEL 24010	28.25 -1.93 0.00	26.96 -1.78 0.00	25.58 -1.69 0.00	25.37 -1.62 0.00	26.85 -1.56 0.00	30.91 -1.94 0.00	42.17 -3.13 0.00	51.09 -4.02 0.00	44.83 -3.69 0.00	38.29 -1.35 0.00	35.02 -0.64 0.00	33.65 -0.44 0.00	32.87 -0.47 0.00	32.77 -0.47 0.00	33.19 -0.68 0.00	33.96 -1.20 0.00	38.46 -2.37 0.00	47.41 -3.62 0.00	55.89 -3.57 0.00	51.75 -3.36 0.00	46.56 -3.83 0.00	41.09 -2.67 0.00	36.36 -2.04 0.00	33.47 -1.14 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.49 -0.69 0.00	28.08 -0.66 0.00	26.72 -0.55 0.00	26.48 -0.51 0.00	28.04 -0.37 0.00	32.42 -0.43 0.00	44.44 -0.86 0.00	54.12 -0.99 0.00	47.55 -0.97 0.00	40.63 0.99 0.00	37.05 1.39 0.00	35.52 1.43 0.00	34.73 1.40 0.00	34.69 1.46 0.00	35.08 1.22 0.00	35.90 0.74 0.00	40.79 -0.04 0.00	50.42 -0.61 0.00	59.58 0.12 0.00	55.11 0.00 0.00	49.49 -0.91 0.00	43.46 -0.30 0.00	38.43 0.04 0.00	35.30 0.69 0.00
ARTHUR KILL_GT_1 23520	31.88 1.69 -0.01	30.27 1.52 -0.01	28.77 1.50 -0.01	28.46 1.46 -0.01	29.98 1.56 -0.01	34.50 1.64 -0.01	47.06 1.76 0.01	49.59 2.21 7.72	43.59 1.89 6.82	40.90 1.27 0.01	37.06 1.39 -0.01	35.50 1.40 -0.01	34.74 1.40 -0.01	34.74 1.50 -0.01	35.46 1.59 -0.01	36.89 1.72 -0.01	40.26 2.00 2.57	47.37 2.35 6.01	58.60 3.39 4.24	53.44 2.59 4.26	48.27 2.12 4.23	45.61 1.84 -0.01	39.82 1.42 -0.01	35.86 1.24 -0.01
ARTHUR_KILL_2 23512	31.82 1.63 -0.01	30.19 1.44 -0.01	28.69 1.42 -0.01	28.40 1.40 -0.01	29.92 1.50 -0.01	34.43 1.58 -0.01	46.92 1.63 0.01	49.43 2.04 7.72	43.44 1.74 6.82	40.78 1.15 0.01	36.95 1.28 -0.01	35.43 1.33 -0.01	34.68 1.33 -0.01	34.64 1.40 -0.01	35.36 1.49 -0.01	36.78 1.62 -0.01	40.14 1.88 2.57	47.21 2.19 6.01	58.42 3.21 4.24	53.27 2.42 4.26	48.12 1.96 4.23	45.48 1.71 -0.01	39.71 1.31 -0.01	35.76 1.14 -0.01
ARTHUR_KILL_3 23513	31.78 1.60 0.00	30.07 1.32 0.00	28.55 1.28 0.00	28.24 1.24 0.00	29.75 1.34 0.00	34.29 1.44 0.00	47.06 1.76 7.72	49.54 2.15 7.72	43.55 1.84 6.81	40.95 1.31 0.00	37.05 1.39 0.00	35.52 1.43 0.00	34.73 1.40 0.00	34.73 1.50 0.00	35.46 1.59 0.00	36.88 1.72 0.00	40.15 1.88 2.56	47.27 2.24 6.00	58.43 3.21 4.23	53.28 2.42 4.25	48.13 1.96 4.23	45.47 1.71 0.00	39.70 1.31 0.00	35.75 1.14 0.00

ARTHUR_KILL_COGEN 323718	31.88 1.69 -0.01	30.27 1.52 -0.01	28.77 1.50 -0.01	28.46 1.46 -0.01	29.98 1.56 -0.01	34.50 1.64 -0.01	47.06 1.76 0.01	49.59 2.21 7.72	43.59 1.89 6.82	40.90 1.27 0.01	37.06 1.39 -0.01	35.50 1.40 -0.01	34.74 1.40 -0.01	34.74 1.50 -0.01	35.46 1.59 -0.01	36.89 1.72 -0.01	40.26 2.00 2.57	47.37 2.35 6.01	58.60 3.39 4.24	53.44 2.59 4.26	48.27 2.12 4.23	45.61 1.84 -0.01	39.82 1.42 -0.01	35.86 1.24 -0.01
ASHOKAN____ 23654	30.96 0.78 0.00	29.43 0.69 0.00	27.95 0.68 0.00	27.64 0.65 0.00	29.12 0.71 0.00	33.73 0.89 0.00	46.79 1.49 0.00	57.04 1.93 0.00	49.88 1.36 0.00	39.84 0.20 0.00	35.59 -0.07 0.00	33.72 -0.37 0.00	33.10 -0.23 0.00	32.97 -0.27 0.00	33.76 -0.10 0.00	35.16 0.00 0.00	41.61 0.77 0.00	52.56 1.53 0.00	62.07 2.61 0.00	57.15 2.04 0.00	52.11 1.71 0.00	44.99 1.22 0.00	39.31 0.92 0.00	35.37 0.76 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.82 1.63 -0.01	30.10 1.35 -0.01	28.58 1.31 -0.01	28.27 1.27 -0.01	29.78 1.36 -0.01	34.37 1.51 -0.01	47.25 1.95 0.00	57.52 2.42 0.01	50.64 2.13 0.01	41.18 1.54 0.01	37.18 1.53 0.01	35.65 1.57 0.01	34.89 1.57 0.01	34.89 1.66 0.01	35.61 1.76 0.01	37.01 1.86 0.01	42.95 2.12 0.01	53.57 2.55 0.01	63.02 3.57 0.01	57.86 2.75 0.01	52.65 2.27 0.01	45.68 1.92 0.01	39.82 1.42 -0.01	35.83 1.21 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	31.82 1.63 -0.01	30.10 1.35 -0.01	28.58 1.31 -0.01	28.27 1.27 -0.01	29.78 1.36 -0.01	34.37 1.51 -0.01	47.25 1.95 0.00	57.52 2.42 0.01	50.64 2.13 0.01	41.18 1.54 0.01	37.18 1.53 0.01	35.65 1.57 0.01	34.89 1.57 0.01	34.89 1.66 0.01	35.61 1.76 0.01	37.01 1.86 0.01	42.95 2.12 0.01	53.57 2.55 0.01	63.02 3.57 0.01	57.86 2.75 0.01	52.65 2.27 0.01	45.68 1.92 0.01	39.82 1.42 -0.01	35.83 1.21 -0.01
ASTORIA_GT2_1 24094	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01
ASTORIA_GT2_2 24095	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01
ASTORIA_GT2_3 24096	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01
ASTORIA_GT2_4 24097	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01
ASTORIA_GT3_1 24098	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01
ASTORIA_GT3_2 24099	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01
ASTORIA_GT3_3 24100	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01
ASTORIA_GT3_4 24101	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01
ASTORIA_GT4_1 24102	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01
ASTORIA_GT4_2 24103	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01
ASTORIA_GT4_3 24104	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01

ASTORIA_GT4_4 24105	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.32 1.32 -0.01	29.78 1.36 -0.01	34.40 1.54 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.79 2.28 0.01	41.22 1.59 0.01	37.26 1.60 0.01	35.72 1.64 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.65 1.79 0.01	37.08 1.93 0.01	42.99 2.16 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.68 1.93 0.01	39.86 1.46 -0.01	35.86 1.25 -0.01
ASTORIA_GT_1 23523	31.88 1.69 -0.01	30.16 1.41 -0.01	28.64 1.36 -0.01	28.32 1.32 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.34 2.04 0.00	57.69 2.59 0.01	50.74 2.23 0.01	41.30 1.66 0.01	37.29 1.64 0.01	35.75 1.67 0.01	34.99 1.67 0.01	34.95 1.73 0.01	35.68 1.83 0.01	37.08 1.93 0.01	43.07 2.24 0.01	53.67 2.65 0.01	63.20 3.75 0.01	58.02 2.92 0.01	52.80 2.42 0.01	45.77 2.01 0.01	39.90 1.50 -0.01	35.90 1.28 -0.01
ASTORIA_GT_10 24110	32.06 1.87 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.56 2.26 0.00	57.81 2.70 0.00	50.95 2.43 -0.01	41.35 1.70 -0.01	43.86 1.71 -6.48	44.56 1.74 -8.73	44.56 1.73 -9.49	44.59 1.83 -9.53	45.23 1.90 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.73 2.70 0.00	63.32 3.86 0.00	58.09 2.98 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.11 1.49 -0.01
ASTORIA_GT_11 24225	32.06 1.87 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.56 2.26 0.00	57.81 2.70 0.00	50.95 2.43 -0.01	41.35 1.70 -0.01	43.86 1.71 -6.48	44.56 1.74 -8.73	44.56 1.73 -9.49	44.59 1.83 -9.53	45.23 1.90 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.73 2.70 0.00	63.32 3.86 0.00	58.09 2.98 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.11 1.49 -0.01
ASTORIA_GT_12 24226	32.06 1.87 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.56 2.26 0.00	57.81 2.70 0.00	50.95 2.43 -0.01	41.35 1.70 -0.01	43.86 1.71 -6.48	44.56 1.74 -8.73	44.56 1.73 -9.49	44.59 1.83 -9.53	45.23 1.90 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.73 2.70 0.00	63.32 3.86 0.00	58.09 2.98 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.11 1.49 -0.01
ASTORIA_GT_13 24227	32.06 1.87 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.56 2.26 0.00	57.81 2.70 0.00	50.95 2.43 -0.01	41.35 1.70 -0.01	43.86 1.71 -6.48	44.56 1.74 -8.73	44.56 1.73 -9.49	44.59 1.83 -9.53	45.23 1.90 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.73 2.70 0.00	63.32 3.86 0.00	58.09 2.98 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.11 1.49 -0.01
ASTORIA_GT_5 24106	31.88 1.69 -0.01	30.16 1.41 -0.01	28.64 1.36 -0.01	28.35 1.35 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.43 2.13 0.00	57.70 2.59 0.00	50.89 2.38 0.01	41.30 1.66 0.01	37.33 1.68 0.01	35.79 1.70 0.01	35.06 1.73 0.01	35.02 1.79 0.01	35.72 1.86 0.01	37.15 2.00 0.01	43.07 2.25 0.01	53.68 2.65 0.00	63.26 3.81 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.77 2.01 0.01	39.94 1.54 -0.01	35.93 1.32 -0.01
ASTORIA_GT_7 24107	31.88 1.69 -0.01	30.16 1.41 -0.01	28.64 1.36 -0.01	28.35 1.35 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.43 2.13 0.00	57.70 2.59 0.00	50.89 2.38 0.01	41.30 1.66 0.01	37.33 1.68 0.01	35.79 1.70 0.01	35.06 1.73 0.01	35.02 1.79 0.01	35.72 1.86 0.01	37.15 2.00 0.01	43.07 2.25 0.01	53.68 2.65 0.00	63.26 3.81 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.77 2.01 0.01	39.94 1.54 -0.01	35.93 1.32 -0.01
ASTORIA_GT_8 24108	31.88 1.69 -0.01	30.16 1.41 -0.01	28.64 1.36 -0.01	28.35 1.35 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.43 2.13 0.00	57.70 2.59 0.00	50.89 2.38 0.01	41.30 1.66 0.01	37.33 1.68 0.01	35.79 1.70 0.01	35.06 1.73 0.01	35.02 1.79 0.01	35.72 1.86 0.01	37.15 2.00 0.01	43.07 2.25 0.01	53.68 2.65 0.00	63.26 3.81 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.77 2.01 0.01	39.94 1.54 -0.01	35.93 1.32 -0.01
ASTORIA___2 24149	31.82 1.63 -0.01	30.13 1.38 -0.01	28.61 1.34 -0.01	28.30 1.30 -0.01	29.81 1.39 -0.01	34.40 1.54 -0.01	47.25 1.95 0.00	57.58 2.48 0.01	50.64 2.13 0.01	41.22 1.59 0.01	37.22 1.57 0.01	35.69 1.60 0.01	34.93 1.60 0.01	34.89 1.66 0.01	35.61 1.76 0.01	37.01 1.86 0.01	42.99 2.16 0.01	53.57 2.55 0.01	63.08 3.63 0.01	57.91 2.81 0.01	52.70 2.32 0.01	45.68 1.92 0.01	39.82 1.42 -0.01	35.83 1.21 -0.01
ASTORIA___3 23516	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.48 1.48 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.47 2.17 0.00	57.81 2.70 0.00	50.86 2.33 -0.01	41.31 1.66 -0.01	43.82 1.68 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.16 2.24 -2.08	53.78 2.75 0.00	63.26 3.81 0.00	58.08 2.97 0.00	52.86 2.47 0.00	45.87 2.10 -0.01	40.05 1.65 -0.01	36.07 1.45 -0.01
ASTORIA___4 23517	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.56 2.26 0.00	57.81 2.70 0.00	50.95 2.43 -0.01	41.35 1.70 -0.01	43.86 1.71 -6.48	44.56 1.74 -8.73	44.56 1.73 -9.49	44.59 1.83 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.16 2.25 -2.08	53.73 2.70 0.00	63.32 3.86 0.00	58.09 2.98 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.11 1.49 -0.01
ASTORIA___5 23518	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.48 1.48 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.47 2.17 0.00	57.81 2.70 0.00	50.86 2.33 -0.01	41.31 1.66 -0.01	43.82 1.68 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.16 2.24 -2.08	53.78 2.75 0.00	63.26 3.81 0.00	58.08 2.97 0.00	52.86 2.47 0.00	45.87 2.10 -0.01	40.05 1.65 -0.01	36.07 1.45 -0.01
AST_ENERGY_2_CC3 323677	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.39 1.54 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.16 1.50 0.00	35.59 1.50 0.00	34.83 1.50 0.00	34.80 1.56 0.00	35.52 1.66 0.00	36.95 1.79 0.00	42.87 2.04 0.00	53.48 2.45 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.61 2.21 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00
AST_ENERGY_2_CC4 323678	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.39 1.54 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.16 1.50 0.00	35.59 1.50 0.00	34.83 1.50 0.00	34.80 1.56 0.00	35.52 1.66 0.00	36.95 1.79 0.00	42.87 2.04 0.00	53.48 2.45 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.61 2.21 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00

ATHENS_STG_1 23668	30.90 0.72 0.00	29.41 0.66 0.00	27.90 0.63 0.00	27.61 0.62 0.00	29.04 0.62 0.00	33.57 0.72 0.00	46.21 0.91 0.00	56.15 1.04 0.00	49.34 0.82 0.00	40.08 0.44 0.00	36.09 0.43 0.00	34.53 0.44 0.00	33.77 0.43 0.00	33.73 0.50 0.00	34.40 0.54 0.00	35.79 0.63 0.00	41.65 0.82 0.00	52.00 0.97 0.00	61.00 1.54 0.00	56.15 1.04 0.00	51.25 0.86 0.00	44.46 0.70 0.00	38.93 0.54 0.00	35.06 0.45 0.00
ATHENS_STG_2 23670	30.90 0.72 0.00	29.41 0.66 0.00	27.90 0.63 0.00	27.61 0.62 0.00	29.04 0.62 0.00	33.57 0.72 0.00	46.21 0.91 0.00	56.15 1.04 0.00	49.34 0.82 0.00	40.08 0.44 0.00	36.09 0.43 0.00	34.53 0.44 0.00	33.77 0.43 0.00	33.73 0.50 0.00	34.40 0.54 0.00	35.79 0.63 0.00	41.65 0.82 0.00	52.00 0.97 0.00	61.00 1.54 0.00	56.15 1.04 0.00	51.25 0.86 0.00	44.46 0.70 0.00	38.93 0.54 0.00	35.06 0.45 0.00
ATHENS_STG_3 23677	30.90 0.72 0.00	29.41 0.66 0.00	27.90 0.63 0.00	27.61 0.62 0.00	29.04 0.62 0.00	33.57 0.72 0.00	46.21 0.91 0.00	56.15 1.04 0.00	49.34 0.82 0.00	40.08 0.44 0.00	36.09 0.43 0.00	34.53 0.44 0.00	33.77 0.43 0.00	33.73 0.50 0.00	34.40 0.54 0.00	35.79 0.63 0.00	41.65 0.82 0.00	52.00 0.97 0.00	61.00 1.54 0.00	56.15 1.04 0.00	51.25 0.86 0.00	44.46 0.70 0.00	38.93 0.54 0.00	35.06 0.45 0.00
AUBURN___LFGE 323710	30.12 -0.06 0.00	28.66 -0.09 0.00	27.19 -0.08 0.00	26.91 -0.08 0.00	28.30 -0.11 0.00	32.81 -0.03 0.00	45.39 0.09 0.00	55.50 0.39 0.00	48.76 0.24 0.00	40.16 0.52 0.00	36.12 0.46 0.00	34.47 0.38 0.00	33.60 0.27 0.00	33.50 0.27 0.00	34.10 0.24 0.00	35.33 0.18 0.00	40.87 0.04 0.00	51.13 0.10 0.00	59.99 0.54 0.00	55.44 0.33 0.00	50.44 0.05 0.00	43.81 0.04 0.00	38.47 0.08 0.00	34.64 0.03 0.00
BABYLON_RES_REC 323704	32.48 2.29 -0.01	30.64 1.90 0.00	29.04 1.77 0.00	28.72 1.73 0.00	30.34 1.93 0.00	34.72 1.87 0.00	46.12 0.82 0.00	53.14 0.49 2.46	48.88 0.39 0.03	38.04 0.00 1.61	35.75 0.11 0.01	34.64 0.54 0.00	33.90 0.57 0.00	33.90 0.66 0.00	34.67 0.81 0.00	35.93 0.77 0.00	41.81 0.98 0.00	52.00 0.97 0.00	61.59 2.14 0.00	56.43 1.32 0.00	51.25 0.86 0.00	44.73 0.96 0.00	38.78 0.38 0.00	35.54 0.93 0.00
BABYLON__69_KV_BK2 356345	32.75 2.57 0.00	30.87 2.13 0.00	29.29 2.02 0.00	28.96 1.97 0.00	30.57 2.16 0.00	35.01 2.17 0.00	46.98 1.68 0.00	54.24 1.65 2.53	50.05 1.55 0.02	38.67 0.67 1.65	36.54 0.89 0.01	35.39 1.30 0.00	34.70 1.37 0.00	34.86 1.63 0.00	35.42 1.56 0.00	36.53 1.37 0.00	42.59 1.76 0.00	53.12 2.09 0.00	63.08 3.63 0.00	57.64 2.54 0.00	52.36 1.97 0.00	45.60 1.84 0.00	39.54 1.15 0.00	36.06 1.45 0.00
BALL_HILL_WT_PWR 323825	29.34 -0.84 0.00	27.97 -0.77 0.00	26.59 -0.68 0.00	26.34 -0.65 0.00	27.90 -0.51 0.00	32.19 -0.66 0.00	44.08 -1.22 0.00	53.51 -1.60 0.00	46.96 -1.55 0.00	40.08 0.44 0.00	36.58 0.93 0.00	35.08 0.99 0.00	34.27 0.93 0.00	34.20 0.96 0.00	34.58 0.71 0.00	35.41 0.25 0.00	40.22 -0.61 0.00	49.70 -1.33 0.00	58.57 -0.89 0.00	54.17 -0.94 0.00	48.68 -1.71 0.00	42.80 -0.96 0.00	37.82 -0.57 0.00	34.75 0.14 0.00
BARON_WINDS___WT_PWR 323822	29.94 -0.24 0.00	28.51 -0.23 0.00	27.08 -0.19 0.00	26.83 -0.16 0.00	28.36 -0.06 0.00	32.81 -0.03 0.00	45.07 -0.23 0.00	55.00 -0.11 0.00	48.18 -0.34 0.00	40.27 0.63 0.00	36.44 0.78 0.00	34.84 0.75 0.00	34.00 0.67 0.00	33.90 0.66 0.00	34.40 0.54 0.00	35.47 0.32 0.00	40.59 -0.24 0.00	50.57 -0.46 0.00	59.75 0.30 0.00	55.28 0.17 0.00	49.99 -0.40 0.00	43.68 -0.09 0.00	38.59 0.19 0.00	35.06 0.45 0.00
BARRETT_IC_1 23704	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BARRETT_IC_10 23701	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BARRETT_IC_11 23702	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BARRETT_IC_12 23703	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BARRETT_IC_2 23705	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BARRETT_IC_3 23706	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BARRETT_IC_4 23707	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00

BARRETT_IC_5 23708	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BARRETT_IC_6 23709	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BARRETT_IC_7 23710	32.02 1.84 0.00	30.27 1.52 0.00	28.71 1.45 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.46 1.61 0.00	46.93 1.63 0.00	56.62 1.65 0.15	50.02 1.50 0.00	40.22 0.67 0.10	36.55 0.89 0.00	35.18 1.09 0.00	34.47 1.13 0.00	34.53 1.30 0.00	35.15 1.29 0.00	36.28 1.13 0.00	42.02 1.18 0.00	52.46 1.43 0.00	62.07 2.62 0.00	56.82 1.71 0.00	51.70 1.31 0.00	44.86 1.09 0.00	39.24 0.84 0.00	35.51 0.90 0.00
BARRETT_IC_8 23711	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BARRETT_IC_9 23700	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BARRETT___1 23545	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BARRETT___2 23546	32.03 1.84 -0.01	30.27 1.52 0.00	28.71 1.44 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.45 1.61 0.00	46.79 1.49 0.00	56.61 1.65 0.16	49.82 1.31 0.01	40.21 0.67 0.10	36.40 0.75 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.21 1.05 0.00	42.01 1.18 0.01	52.45 1.43 0.01	61.94 2.50 0.01	56.81 1.71 0.01	51.69 1.31 0.01	44.85 1.09 0.01	39.16 0.77 0.00	35.41 0.80 0.00
BATAVIA__115KV_TB1 55881	29.43 -0.75 0.00	28.05 -0.69 0.00	26.61 -0.65 0.00	26.35 -0.65 0.00	27.62 -0.80 0.00	32.29 -0.56 0.00	43.99 -1.31 0.00	53.90 -1.21 0.00	47.26 -1.26 0.00	40.16 0.52 0.00	36.48 0.82 0.00	34.88 0.78 0.00	33.93 0.60 0.00	33.90 0.66 0.00	34.37 0.51 0.00	35.02 -0.14 0.00	40.14 -0.69 0.00	49.70 -1.33 0.00	59.04 -0.42 0.00	54.50 -0.61 0.00	48.98 -1.41 0.00	42.93 -0.83 0.00	37.82 -0.58 0.00	34.64 0.03 0.00
BAYONEEC___CTG1 323682	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.19 1.53 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.91 2.08 0.00	53.53 2.50 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00
BAYONEEC___CTG10 323750	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.19 1.53 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.91 2.08 0.00	53.53 2.50 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00
BAYONEEC___CTG2 323683	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.19 1.53 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.91 2.08 0.00	53.53 2.50 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00
BAYONEEC___CTG3 323684	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.19 1.53 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.91 2.08 0.00	53.53 2.50 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00
BAYONEEC___CTG4 323685	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.19 1.53 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.91 2.08 0.00	53.53 2.50 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00
BAYONEEC___CTG5 323686	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.19 1.53 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.91 2.08 0.00	53.53 2.50 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00
BAYONEEC___CTG6 323687	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.19 1.53 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.91 2.08 0.00	53.53 2.50 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00

BAYONEEC___CTG7 323688	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.19 1.53 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.91 2.08 0.00	53.53 2.50 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00
BAYONEEC___CTG8 323689	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.19 1.53 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.91 2.08 0.00	53.53 2.50 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00
BAYONEEC___CTG9 323749	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.60 2.08 0.00	41.11 1.47 0.00	37.19 1.53 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.91 2.08 0.00	53.53 2.50 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.64 1.88 0.00	39.85 1.46 0.00	35.85 1.24 0.00
BEACON___LESR 323632	30.90 0.72 0.00	29.43 0.69 0.00	27.87 0.60 0.00	27.59 0.59 0.00	29.04 0.62 0.00	33.67 0.82 0.00	46.52 1.22 0.00	56.49 1.38 0.00	49.64 1.12 0.00	40.20 0.55 0.00	36.02 0.36 0.00	34.40 0.31 0.00	33.70 0.37 0.00	33.63 0.40 0.00	34.27 0.41 0.00	35.65 0.49 0.00	41.69 0.86 0.00	52.35 1.32 0.00	61.48 2.02 0.00	56.49 1.38 0.00	51.50 1.11 0.00	44.68 0.92 0.00	39.08 0.69 0.00	35.20 0.59 0.00
BEAVER RIVER___HYD 24048	30.15 -0.03 0.00	28.77 0.03 0.00	27.27 0.00 0.00	27.05 0.05 0.00	28.47 0.06 0.00	32.88 0.03 0.00	45.44 0.14 0.00	55.33 0.22 0.00	48.57 0.05 0.00	39.88 0.24 0.00	35.45 -0.21 0.00	33.78 -0.31 0.00	32.83 -0.50 0.00	32.80 -0.43 0.00	33.69 -0.17 0.00	35.02 -0.14 0.00	40.75 -0.08 0.00	51.59 0.56 0.00	60.29 0.83 0.00	56.05 0.94 0.00	51.15 0.76 0.00	44.81 1.05 0.00	39.43 1.04 0.00	35.30 0.69 0.00
BEEBEE_GT_13 23619	29.64 -0.54 0.00	28.26 -0.49 0.00	26.78 -0.49 0.00	26.51 -0.49 0.00	27.82 -0.60 0.00	32.42 -0.43 0.00	44.53 -0.77 0.00	54.50 -0.61 0.00	48.28 -0.24 0.00	40.39 0.75 0.00	36.55 0.89 0.00	34.94 0.85 0.00	34.03 0.70 0.00	33.90 0.66 0.00	34.44 0.58 0.00	35.40 0.25 0.00	40.55 -0.29 0.00	50.42 -0.61 0.00	59.52 0.06 0.00	54.94 -0.17 0.00	49.69 -0.71 0.00	43.37 -0.39 0.00	38.12 -0.27 0.00	34.57 -0.03 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.18 1.99 -0.01	30.48 1.72 -0.01	28.94 1.66 -0.01	28.62 1.62 -0.01	30.12 1.70 -0.01	34.73 1.87 -0.01	47.79 2.49 0.00	58.09 2.98 0.00	51.20 2.67 -0.01	41.51 1.86 -0.01	44.03 1.89 -6.48	44.73 1.91 -8.73	44.76 1.93 -9.49	44.76 1.99 -9.53	45.40 2.07 -9.47	45.41 2.21 -8.03	45.45 2.53 -2.08	54.04 3.01 0.00	63.74 4.28 0.00	58.42 3.31 0.00	53.16 2.77 0.00	46.18 2.41 -0.01	40.32 1.92 -0.01	36.24 1.63 -0.01
BETHLEHEM___GRP 23843	30.39 0.21 0.00	28.95 0.20 0.00	27.43 0.16 0.00	27.15 0.16 0.00	28.61 0.20 0.00	33.08 0.23 0.00	45.71 0.41 0.00	55.39 0.28 0.00	48.71 0.19 0.00	39.48 -0.16 0.00	35.44 -0.21 0.00	33.85 -0.24 0.00	33.17 -0.17 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	35.16 0.00 0.00	41.00 0.16 0.00	51.34 0.31 0.00	60.17 0.71 0.00	55.39 0.28 0.00	50.54 0.15 0.00	43.85 0.09 0.00	38.39 0.00 0.00	34.61 0.00 0.00
BETHLEHEM___GS1 323560	30.39 0.21 0.00	28.95 0.20 0.00	27.43 0.16 0.00	27.16 0.16 0.00	28.58 0.17 0.00	33.08 0.23 0.00	45.66 0.36 0.00	55.39 0.28 0.00	48.71 0.19 0.00	39.48 -0.16 0.00	35.41 -0.25 0.00	33.85 -0.24 0.00	33.17 -0.17 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	35.12 -0.04 0.00	41.00 0.16 0.00	51.34 0.31 0.00	60.17 0.72 0.00	55.39 0.28 0.00	50.54 0.15 0.00	43.85 0.09 0.00	38.39 0.00 0.00	34.57 -0.03 0.00
BETHLEHEM___GS2 323561	30.39 0.21 0.00	28.95 0.20 0.00	27.43 0.16 0.00	27.16 0.16 0.00	28.58 0.17 0.00	33.08 0.23 0.00	45.66 0.36 0.00	55.39 0.28 0.00	48.71 0.19 0.00	39.48 -0.16 0.00	35.41 -0.25 0.00	33.85 -0.24 0.00	33.17 -0.17 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	35.12 -0.04 0.00	41.00 0.16 0.00	51.34 0.31 0.00	60.17 0.72 0.00	55.39 0.28 0.00	50.54 0.15 0.00	43.85 0.09 0.00	38.39 0.00 0.00	34.57 -0.03 0.00
BETHLEHEM___GS3 323562	30.39 0.21 0.00	28.95 0.20 0.00	27.43 0.16 0.00	27.16 0.16 0.00	28.58 0.17 0.00	33.08 0.23 0.00	45.66 0.36 0.00	55.39 0.28 0.00	48.71 0.19 0.00	39.48 -0.16 0.00	35.41 -0.25 0.00	33.85 -0.24 0.00	33.17 -0.17 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	35.12 -0.04 0.00	41.00 0.16 0.00	51.34 0.31 0.00	60.17 0.72 0.00	55.39 0.28 0.00	50.54 0.15 0.00	43.85 0.09 0.00	38.39 0.00 0.00	34.57 -0.03 0.00
BETHLEHEM___STEEL 23779	29.24 -0.94 0.00	27.88 -0.86 0.00	26.50 -0.76 0.00	26.24 -0.76 0.00	27.47 -0.94 0.00	32.06 -0.79 0.00	43.71 -1.59 0.00	53.07 -2.04 0.00	46.48 -2.04 0.00	39.92 0.28 0.00	36.44 0.78 0.00	34.88 0.78 0.00	34.00 0.67 0.00	34.03 0.80 0.00	34.44 0.58 0.00	34.98 -0.18 0.00	40.06 -0.78 0.00	49.40 -1.63 0.00	58.39 -1.07 0.00	53.84 -1.27 0.00	48.43 -1.97 0.00	42.45 -1.31 0.00	37.59 -0.81 0.00	34.51 -0.10 0.00
BETHLHEM_115KV_TB1 79974	30.48 0.30 0.00	29.03 0.29 0.00	27.51 0.25 0.00	27.24 0.24 0.00	28.70 0.28 0.00	33.14 0.30 0.00	45.80 0.50 0.00	55.55 0.44 0.00	48.86 0.34 0.00	39.56 -0.08 0.00	35.55 -0.11 0.00	33.99 -0.10 0.00	33.27 -0.07 0.00	33.23 0.00 0.00	33.86 0.00 0.00	35.26 0.11 0.00	41.08 0.24 0.00	51.44 0.41 0.00	60.29 0.83 0.00	55.50 0.39 0.00	50.69 0.30 0.00	43.98 0.22 0.00	38.51 0.12 0.00	34.71 0.10 0.00
BETHPAGE_CC_5 323564	32.42 2.23 -0.01	30.59 1.84 0.00	29.01 1.75 0.00	28.69 1.70 0.00	30.29 1.87 0.00	34.55 1.71 0.00	46.34 1.04 0.00	53.94 1.10 2.27	49.41 0.92 0.02	38.47 0.32 1.48	36.04 0.39 0.01	34.94 0.85 0.00	34.20 0.87 0.00	34.20 0.96 0.00	34.95 1.08 0.00	36.21 1.05 0.00	42.06 1.22 0.00	52.51 1.48 0.00	62.07 2.61 0.00	56.87 1.76 0.00	51.75 1.36 0.00	44.95 1.18 0.00	39.00 0.61 0.00	35.44 0.83 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.34 -0.85 0.00	27.97 -0.78 0.00	26.56 -0.71 0.00	26.32 -0.67 0.00	27.56 -0.85 0.00	32.19 -0.66 0.00	43.85 -1.45 0.00	53.29 -1.82 0.00	46.63 -1.89 0.00	40.08 0.44 0.00	36.51 0.86 0.00	34.98 0.89 0.00	34.10 0.77 0.00	34.13 0.90 0.00	34.54 0.68 0.00	35.09 -0.07 0.00	40.18 -0.65 0.00	49.55 -1.48 0.00	58.56 -0.89 0.00	54.06 -1.05 0.00	48.58 -1.81 0.00	42.58 -1.18 0.00	37.70 -0.69 0.00	34.61 0.00 0.00

BINGHAMTON___COGEN 23790	30.78 0.60 0.00	29.32 0.57 0.00	27.79 0.52 0.00	27.53 0.54 0.00	28.95 0.54 0.00	33.60 0.76 0.00	46.48 1.18 0.00	56.76 1.65 0.00	49.83 1.31 0.00	41.23 1.59 0.00	37.09 1.43 0.00	35.42 1.33 0.00	34.53 1.20 0.00	34.46 1.23 0.00	35.01 1.15 0.00	36.21 1.05 0.00	41.93 1.10 0.00	52.41 1.38 0.00	61.60 2.14 0.00	56.93 1.82 0.00	50.64 0.25 0.00	44.03 0.26 0.00	38.66 0.27 0.00	34.92 0.31 0.00
BIXINCNT_115KV_LOAD 355685	29.40 -0.78 0.00	28.03 -0.72 0.00	26.70 -0.57 0.00	26.43 -0.57 0.00	27.67 -0.74 0.00	32.32 -0.53 0.00	44.08 -1.22 0.00	53.62 -1.49 0.00	46.97 -1.55 0.00	40.31 0.67 0.00	36.59 0.93 0.00	35.08 0.99 0.00	34.10 0.77 0.00	34.03 0.80 0.00	34.51 0.64 0.00	35.02 -0.14 0.00	40.18 -0.65 0.00	49.70 -1.33 0.00	58.98 -0.48 0.00	54.56 -0.55 0.00	49.08 -1.31 0.00	42.84 -0.92 0.00	37.93 -0.46 0.00	34.89 0.28 0.00
BLACK RIVER___HYD 24047	30.30 0.12 0.00	28.89 0.14 0.00	27.38 0.11 0.00	27.16 0.16 0.00	28.61 0.20 0.00	33.08 0.23 0.00	45.89 0.59 0.00	56.05 0.94 0.00	49.20 0.68 0.00	40.35 0.71 0.00	35.84 0.18 0.00	34.16 0.07 0.00	33.17 -0.17 0.00	33.13 -0.10 0.00	33.86 0.00 0.00	35.23 0.07 0.00	40.95 0.12 0.00	51.84 0.81 0.00	60.88 1.42 0.00	56.60 1.49 0.00	51.55 1.16 0.00	44.95 1.18 0.00	39.39 1.00 0.00	35.27 0.66 0.00
BLACKRVR_115KV_TB2 79977	30.30 0.12 0.00	28.89 0.14 0.00	27.38 0.11 0.00	27.15 0.16 0.00	28.58 0.17 0.00	33.08 0.23 0.00	45.89 0.59 0.00	55.99 0.88 0.00	49.15 0.63 0.00	40.35 0.71 0.00	35.84 0.18 0.00	34.16 0.07 0.00	33.13 -0.20 0.00	33.13 -0.10 0.00	33.86 0.00 0.00	35.23 0.07 0.00	40.95 0.12 0.00	51.80 0.77 0.00	60.88 1.43 0.00	56.60 1.49 0.00	51.50 1.11 0.00	44.95 1.18 0.00	39.39 1.00 0.00	35.27 0.66 0.00
BLISS_WT_PWR 323608	29.34 -0.84 0.00	27.97 -0.77 0.00	26.64 -0.63 0.00	26.42 -0.57 0.00	27.93 -0.48 0.00	32.26 -0.59 0.00	44.21 -1.09 0.00	53.73 -1.38 0.00	47.11 -1.41 0.00	40.24 0.60 0.00	36.55 0.89 0.00	35.15 1.06 0.00	34.20 0.87 0.00	34.03 0.80 0.00	34.50 0.64 0.00	35.23 0.07 0.00	40.10 -0.73 0.00	49.65 -1.38 0.00	58.80 -0.65 0.00	54.56 -0.55 0.00	49.08 -1.31 0.00	42.98 -0.79 0.00	37.97 -0.42 0.00	35.03 0.42 0.00
BLUESTONE___WT_PWR 323821	31.81 1.63 0.00	30.32 1.58 0.00	28.74 1.47 0.00	28.53 1.54 0.00	30.03 1.62 0.00	34.78 1.94 0.00	48.24 2.94 0.00	59.08 3.97 0.00	51.86 3.35 0.00	42.65 3.01 0.00	38.12 2.46 0.00	36.41 2.32 0.00	35.33 2.00 0.00	35.30 2.06 0.00	35.86 2.00 0.00	37.23 2.07 0.00	43.12 2.29 0.00	54.35 3.32 0.00	64.15 4.70 0.00	59.35 4.24 0.00	53.77 3.38 0.00	46.57 2.80 0.00	40.73 2.34 0.00	36.62 2.01 0.00
BLUE_CIRC_CHEM_DRP 24182	30.81 0.63 0.00	29.38 0.63 0.00	27.84 0.57 0.00	27.56 0.57 0.00	29.04 0.63 0.00	33.54 0.69 0.00	46.30 1.00 0.00	56.16 1.05 0.00	49.34 0.82 0.00	39.92 0.28 0.00	35.80 0.14 0.00	34.19 0.10 0.00	33.50 0.17 0.00	33.43 0.20 0.00	34.10 0.24 0.00	35.51 0.35 0.00	41.49 0.65 0.00	51.95 0.92 0.00	60.94 1.49 0.00	56.16 1.05 0.00	51.25 0.86 0.00	44.51 0.74 0.00	39.01 0.61 0.00	35.16 0.55 0.00
BOC_GAS_DRP 24189	30.66 0.48 0.00	29.20 0.46 0.00	27.70 0.44 0.00	27.42 0.43 0.00	28.87 0.45 0.00	33.34 0.49 0.00	45.98 0.68 0.00	55.83 0.72 0.00	49.10 0.58 0.00	39.84 0.20 0.00	35.84 0.18 0.00	34.30 0.20 0.00	33.57 0.23 0.00	33.50 0.27 0.00	34.13 0.27 0.00	35.54 0.39 0.00	41.36 0.53 0.00	51.69 0.66 0.00	60.53 1.07 0.00	55.77 0.66 0.00	50.95 0.55 0.00	44.25 0.48 0.00	38.74 0.35 0.00	34.92 0.31 0.00
BOONVILLE_115KV_TB1 79983	30.66 0.48 0.00	29.23 0.49 0.00	27.70 0.44 0.00	27.45 0.46 0.00	28.92 0.51 0.00	33.47 0.62 0.00	46.30 1.00 0.00	56.43 1.32 0.00	49.63 1.12 0.00	40.67 1.03 0.00	36.34 0.68 0.00	34.67 0.58 0.00	33.73 0.40 0.00	33.73 0.50 0.00	34.51 0.64 0.00	35.83 0.67 0.00	41.61 0.78 0.00	52.36 1.33 0.00	61.36 1.90 0.00	56.87 1.76 0.00	51.80 1.41 0.00	45.08 1.31 0.00	39.51 1.11 0.00	35.47 0.87 0.00
BORALEX_4TH_BRANCH 23824	31.63 1.45 0.00	30.07 1.32 0.00	28.52 1.25 0.00	28.23 1.24 0.00	29.75 1.34 0.00	34.39 1.54 0.00	47.47 2.17 0.00	57.64 2.54 0.00	50.61 2.09 0.00	40.67 1.03 0.00	36.59 0.93 0.00	35.05 0.95 0.00	34.30 0.97 0.00	34.26 1.03 0.00	34.91 1.05 0.00	36.49 1.34 0.00	42.55 1.71 0.00	53.38 2.35 0.00	62.55 3.09 0.00	57.26 2.15 0.00	52.36 1.97 0.00	45.38 1.62 0.00	39.81 1.42 0.00	35.92 1.32 0.00
BOWLINE___1 23526	31.36 1.18 0.00	29.72 0.98 0.00	28.25 0.98 0.00	27.94 0.94 0.00	29.43 1.02 0.00	33.96 1.12 0.00	46.71 1.41 0.00	56.76 1.65 0.00	49.78 1.26 0.00	40.39 0.75 0.00	36.44 0.78 0.00	34.84 0.75 0.00	34.10 0.77 0.00	34.03 0.80 0.00	34.74 0.88 0.00	36.14 0.98 0.00	42.02 1.18 0.00	52.56 1.53 0.00	61.84 2.38 0.00	56.87 1.76 0.00	51.75 1.36 0.00	44.81 1.05 0.00	39.16 0.77 0.00	35.27 0.66 0.00
BOWLINE___2 23595	31.36 1.18 0.00	29.72 0.98 0.00	28.25 0.98 0.00	27.94 0.94 0.00	29.43 1.02 0.00	33.96 1.12 0.00	46.71 1.41 0.00	56.76 1.65 0.00	49.73 1.21 0.00	40.35 0.71 0.00	36.41 0.75 0.00	34.81 0.72 0.00	34.07 0.73 0.00	34.03 0.80 0.00	34.74 0.88 0.00	36.11 0.95 0.00	41.97 1.14 0.00	52.51 1.48 0.00	61.77 2.32 0.00	56.82 1.71 0.00	51.70 1.31 0.00	44.77 1.01 0.00	39.12 0.73 0.00	35.27 0.66 0.00
BRADY___115KV_TB2 356060	30.69 0.51 0.00	29.35 0.60 0.00	27.81 0.55 0.00	27.61 0.62 0.00	29.04 0.63 0.00	33.27 0.43 0.00	45.53 0.23 0.00	54.78 -0.33 0.00	47.89 -0.63 0.00	39.96 0.32 0.00	35.09 -0.57 0.00	33.41 -0.68 0.00	32.40 -0.93 0.00	32.34 -0.90 0.00	33.19 -0.68 0.00	34.49 -0.67 0.00	40.42 -0.41 0.00	51.85 0.82 0.00	59.75 0.30 0.00	56.05 0.94 0.00	51.60 1.21 0.00	45.95 2.19 0.00	40.85 2.46 0.00	36.44 1.83 0.00
BRANSCOMB___SOLAR 323811	31.36 1.18 0.00	29.90 1.15 0.00	28.30 1.04 0.00	28.02 1.03 0.00	29.52 1.11 0.00	34.16 1.32 0.00	47.20 1.90 0.00	57.37 2.26 0.00	50.32 1.80 0.00	40.75 1.11 0.00	36.51 0.85 0.00	34.91 0.82 0.00	34.20 0.87 0.00	34.10 0.86 0.00	34.74 0.88 0.00	36.18 1.02 0.00	42.34 1.51 0.00	53.17 2.14 0.00	62.43 2.97 0.00	57.48 2.37 0.00	52.36 1.96 0.00	45.43 1.66 0.00	39.74 1.34 0.00	35.82 1.21 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.62 2.44 0.00	30.76 2.01 0.00	29.15 1.88 0.00	28.83 1.84 0.00	30.46 2.05 0.00	34.85 2.00 0.00	46.84 1.54 0.00	53.88 1.49 2.72	49.86 1.36 0.02	38.47 0.59 1.77	36.40 0.75 0.01	35.25 1.16 0.00	34.60 1.27 0.00	34.76 1.53 0.00	35.32 1.46 0.00	36.39 1.23 0.00	42.38 1.55 0.00	52.77 1.74 0.00	62.67 3.21 0.00	57.26 2.15 0.00	52.00 1.61 0.00	45.34 1.58 0.00	39.35 0.96 0.00	35.86 1.25 0.00

BRISTLHL_115KV_TB1 79998	29.67 -0.51 0.00	28.26 -0.49 0.00	26.78 -0.49 0.00	26.53 -0.46 0.00	27.90 -0.51 0.00	32.35 -0.49 0.00	44.71 -0.59 0.00	54.56 -0.55 0.00	48.03 -0.49 0.00	39.44 -0.20 0.00	35.48 -0.18 0.00	33.89 -0.20 0.00	33.07 -0.27 0.00	32.97 -0.27 0.00	33.56 -0.30 0.00	34.77 -0.39 0.00	40.30 -0.53 0.00	50.37 -0.66 0.00	59.04 -0.42 0.00	54.56 -0.55 0.00	49.69 -0.71 0.00	43.19 -0.57 0.00	37.89 -0.50 0.00	34.12 -0.48 0.00
BROOKHAVEN___DRP 24191	32.53 2.35 0.00	30.64 1.90 0.00	29.07 1.80 0.00	28.72 1.73 0.00	30.34 1.93 0.00	34.68 1.84 0.00	46.52 1.22 0.00	53.37 1.05 2.79	49.47 0.97 0.02	38.02 0.20 1.82	36.15 0.50 0.01	35.01 0.92 0.00	34.37 1.03 0.00	34.56 1.33 0.00	35.15 1.29 0.00	36.18 1.02 0.00	42.22 1.39 0.00	52.71 1.68 0.00	62.67 3.21 0.00	57.20 2.09 0.00	51.95 1.56 0.00	45.25 1.49 0.00	39.20 0.81 0.00	35.79 1.18 0.00
BROOKLYN_NAVY_YARD 23515	31.87 1.69 0.00	30.15 1.41 0.00	28.63 1.36 0.00	28.32 1.32 0.00	29.83 1.42 0.00	34.36 1.51 0.00	47.29 1.99 0.00	57.59 2.48 0.00	50.65 2.13 0.00	41.11 1.47 0.00	37.16 1.50 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.95 2.12 0.00	53.58 2.55 0.00	63.08 3.63 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.69 1.92 0.00	39.85 1.46 0.00	35.82 1.21 0.00
BROOKLYN___ARMY_DRP 323595	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.52 2.22 0.00	57.75 2.65 0.00	50.95 2.43 -0.01	41.27 1.63 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.32 3.86 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.07 1.45 -0.01
BROOKVLE_69_KV_TB1 55790	32.32 2.14 0.00	30.53 1.78 0.00	28.96 1.69 0.00	28.64 1.65 0.00	30.23 1.82 0.00	34.72 1.87 0.00	47.20 1.90 0.00	56.01 2.15 1.25	50.45 1.94 0.01	39.90 1.07 0.81	36.90 1.25 0.00	35.56 1.47 0.00	34.87 1.53 0.00	34.93 1.69 0.00	35.52 1.66 0.00	36.74 1.58 0.00	42.71 1.88 0.00	53.33 2.30 0.00	63.14 3.69 0.00	57.81 2.70 0.00	52.56 2.17 0.00	45.65 1.88 0.00	39.66 1.27 0.00	35.92 1.32 0.00
BROOME_2_LFGE 323671	30.78 0.60 0.00	29.32 0.57 0.00	27.78 0.52 0.00	27.53 0.54 0.00	29.04 0.62 0.00	33.60 0.76 0.00	46.52 1.22 0.00	56.82 1.71 0.00	49.88 1.36 0.00	41.23 1.59 0.00	37.12 1.46 0.00	35.46 1.37 0.00	34.60 1.27 0.00	34.46 1.23 0.00	35.05 1.18 0.00	36.28 1.12 0.00	41.93 1.10 0.00	52.41 1.38 0.00	61.59 2.14 0.00	56.93 1.82 0.00	50.65 0.25 0.00	44.07 0.31 0.00	38.70 0.31 0.00	34.92 0.31 0.00
BROOME___LFGE 323600	30.78 0.60 0.00	29.32 0.57 0.00	27.78 0.52 0.00	27.53 0.54 0.00	29.04 0.62 0.00	33.60 0.76 0.00	46.52 1.22 0.00	56.82 1.71 0.00	49.88 1.36 0.00	41.23 1.59 0.00	37.12 1.46 0.00	35.46 1.37 0.00	34.60 1.27 0.00	34.46 1.23 0.00	35.05 1.18 0.00	36.28 1.12 0.00	41.93 1.10 0.00	52.41 1.38 0.00	61.59 2.14 0.00	56.93 1.82 0.00	50.65 0.25 0.00	44.07 0.31 0.00	38.70 0.31 0.00	34.92 0.31 0.00
BROWNFLS_115KV_TB_3_5 80003	29.97 -0.21 0.00	28.63 -0.11 0.00	27.13 -0.14 0.00	26.89 -0.11 0.00	28.30 -0.11 0.00	32.52 -0.33 0.00	44.67 -0.63 0.00	54.01 -1.10 0.00	47.35 -1.16 0.00	39.24 -0.40 0.00	34.80 -0.86 0.00	33.17 -0.92 0.00	32.23 -1.10 0.00	32.17 -1.06 0.00	33.02 -0.85 0.00	34.31 -0.84 0.00	40.06 -0.78 0.00	50.78 -0.26 0.00	58.74 -0.71 0.00	54.78 -0.33 0.00	50.29 -0.10 0.00	44.51 0.74 0.00	39.39 1.00 0.00	35.27 0.66 0.00
BROWNSV1_27_KV_LOAD 356125	32.11 1.93 0.00	30.38 1.64 0.00	28.85 1.58 0.00	28.53 1.54 0.00	30.03 1.62 0.00	34.65 1.81 0.00	47.75 2.45 0.00	58.03 2.92 0.00	51.14 2.62 0.00	41.46 1.82 0.00	37.51 1.85 0.00	35.97 1.88 0.00	35.20 1.87 0.00	35.19 1.96 0.00	35.89 2.03 0.00	37.34 2.18 0.00	43.28 2.45 0.00	53.99 2.96 0.00	63.62 4.16 0.00	58.42 3.31 0.00	53.16 2.77 0.00	46.04 2.28 0.00	40.24 1.84 0.00	36.17 1.56 0.00
BURROWS___LYONSDAL 23803	30.54 0.36 0.00	29.12 0.37 0.00	27.60 0.33 0.00	27.34 0.35 0.00	28.81 0.40 0.00	33.34 0.49 0.00	46.11 0.82 0.00	56.21 1.10 0.00	49.44 0.92 0.00	40.51 0.87 0.00	36.12 0.46 0.00	34.50 0.41 0.00	33.53 0.20 0.00	33.53 0.30 0.00	34.34 0.47 0.00	35.65 0.49 0.00	41.49 0.65 0.00	52.25 1.22 0.00	61.18 1.72 0.00	56.76 1.65 0.00	51.75 1.36 0.00	45.03 1.27 0.00	39.51 1.11 0.00	35.47 0.87 0.00
CAITHNESS_CC_1 323624	32.48 2.29 -0.01	30.59 1.84 0.00	29.01 1.75 0.00	28.67 1.67 0.00	30.32 1.90 0.00	34.62 1.77 0.00	46.25 0.95 0.00	53.19 0.88 2.80	49.27 0.77 0.03	37.93 0.12 1.83	36.00 0.36 0.02	34.77 0.68 0.00	34.00 0.67 0.00	34.06 0.83 0.00	34.88 1.01 0.00	36.07 0.91 0.00	42.14 1.31 0.00	52.56 1.53 0.00	62.31 2.85 0.00	57.04 1.93 0.00	51.75 1.36 0.00	45.08 1.31 0.00	39.04 0.65 0.00	35.58 0.97 0.00
CALPINE BETH_PAGE_GT4 24209	32.41 2.23 0.00	30.58 1.84 0.00	29.01 1.75 0.00	28.69 1.70 0.00	30.29 1.88 0.00	34.55 1.71 0.00	46.57 1.27 0.00	54.27 1.21 2.05	49.67 1.16 0.01	38.66 0.36 1.33	36.37 0.71 0.01	35.22 1.13 0.00	34.57 1.23 0.00	34.70 1.46 0.00	35.25 1.39 0.00	36.35 1.20 0.00	42.14 1.31 0.00	52.56 1.53 0.00	62.31 2.85 0.00	56.98 1.87 0.00	51.85 1.46 0.00	45.03 1.27 0.00	39.28 0.88 0.00	35.68 1.07 0.00
CALPINE_BETH_PAGE_GT_4 323586	32.42 2.23 -0.01	30.59 1.84 0.00	29.01 1.75 0.00	28.69 1.70 0.00	30.29 1.87 0.00	34.55 1.71 0.00	46.39 1.09 0.00	54.26 1.21 2.06	49.52 1.02 0.02	38.65 0.36 1.34	36.04 0.39 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.32 1.16 0.00	42.14 1.31 0.00	52.56 1.53 0.00	62.19 2.74 0.00	56.98 1.87 0.00	51.80 1.41 0.00	45.03 1.27 0.00	39.04 0.65 0.00	35.51 0.90 0.00
CALPINE_BP_GT1 23823	32.42 2.23 -0.01	30.59 1.84 0.00	29.01 1.75 0.00	28.69 1.70 0.00	30.29 1.87 0.00	34.55 1.71 0.00	46.39 1.09 0.00	54.26 1.21 2.06	49.52 1.02 0.02	38.65 0.36 1.34	36.04 0.39 0.01	35.08 0.99 0.00	34.30 0.97 0.00	34.30 1.06 0.00	35.05 1.18 0.00	36.32 1.16 0.00	42.14 1.31 0.00	52.56 1.53 0.00	62.19 2.74 0.00	56.98 1.87 0.00	51.80 1.41 0.00	45.03 1.27 0.00	39.04 0.65 0.00	35.51 0.90 0.00
CALSPAN___DRP 24200	29.24 -0.94 0.00	27.88 -0.86 0.00	26.50 -0.76 0.00	26.24 -0.76 0.00	27.47 -0.94 0.00	32.06 -0.79 0.00	43.71 -1.59 0.00	53.07 -2.04 0.00	46.48 -2.04 0.00	39.92 0.28 0.00	36.44 0.78 0.00	34.88 0.78 0.00	34.00 0.67 0.00	34.03 0.80 0.00	34.44 0.58 0.00	34.98 -0.18 0.00	40.06 -0.78 0.00	49.40 -1.63 0.00	58.39 -1.07 0.00	53.84 -1.27 0.00	48.43 -1.97 0.00	42.45 -1.31 0.00	37.59 -0.81 0.00	34.51 -0.10 0.00

CALVERTON___SOLAR 323806	32.57 2.38 -0.01	30.70 1.96 0.00	29.10 1.83 0.00	28.77 1.78 0.00	30.43 2.02 0.00	34.75 1.90 0.00	46.43 1.13 0.00	53.41 1.10 2.80	49.41 0.92 0.03	38.02 0.20 1.82	36.07 0.43 0.02	34.88 0.78 0.00	34.10 0.77 0.00	34.16 0.93 0.00	35.02 1.15 0.00	36.21 1.05 0.00	42.34 1.51 0.00	52.86 1.83 0.00	62.72 3.27 0.00	57.37 2.26 0.00	52.05 1.66 0.00	45.34 1.57 0.00	39.20 0.81 0.00	35.72 1.11 0.00
CANDIGU_WT_PWR 323617	29.94 -0.24 0.00	28.51 -0.23 0.00	27.08 -0.19 0.00	26.83 -0.16 0.00	28.36 -0.06 0.00	32.81 -0.03 0.00	45.07 -0.23 0.00	55.00 -0.11 0.00	48.18 -0.34 0.00	40.27 0.63 0.00	36.44 0.78 0.00	34.84 0.75 0.00	34.00 0.67 0.00	33.90 0.66 0.00	34.40 0.54 0.00	35.47 0.32 0.00	40.59 -0.24 0.00	50.57 -0.46 0.00	59.75 0.30 0.00	55.28 0.17 0.00	49.99 -0.40 0.00	43.68 -0.09 0.00	38.59 0.19 0.00	35.06 0.45 0.00
CARR STREET_E_SYR 24060	29.82 -0.36 0.00	28.40 -0.34 0.00	26.94 -0.33 0.00	26.67 -0.32 0.00	28.10 -0.31 0.00	32.52 -0.33 0.00	44.98 -0.31 0.00	54.89 -0.22 0.00	48.33 -0.19 0.00	39.68 0.04 0.00	35.73 0.07 0.00	34.16 0.07 0.00	33.33 0.00 0.00	33.23 0.00 0.00	33.80 -0.07 0.00	35.05 -0.11 0.00	40.50 -0.33 0.00	50.62 -0.41 0.00	59.34 -0.12 0.00	54.84 -0.27 0.00	49.94 -0.45 0.00	43.41 -0.35 0.00	38.08 -0.31 0.00	34.33 -0.28 0.00
CARTHAGE___PAPER 23857	30.18 0.00 0.00	28.80 0.06 0.00	27.30 0.03 0.00	27.05 0.05 0.00	28.50 0.09 0.00	32.91 0.07 0.00	45.62 0.32 0.00	55.60 0.49 0.00	48.76 0.24 0.00	40.00 0.36 0.00	35.55 -0.11 0.00	33.89 -0.20 0.00	32.90 -0.43 0.00	32.87 -0.36 0.00	33.69 -0.17 0.00	35.05 -0.11 0.00	40.83 0.00 0.00	51.69 0.66 0.00	60.53 1.07 0.00	56.27 1.16 0.00	51.35 0.96 0.00	44.86 1.09 0.00	39.39 1.00 0.00	35.27 0.66 0.00
CASSADAGA_WT_PWR 323784	29.70 -0.48 0.00	28.26 -0.49 0.00	26.89 -0.38 0.00	26.64 -0.35 0.00	28.24 -0.17 0.00	32.68 -0.16 0.00	44.85 -0.45 0.00	54.67 -0.44 0.00	48.03 -0.49 0.00	40.99 1.35 0.00	37.37 1.71 0.00	35.80 1.70 0.00	35.00 1.67 0.00	34.96 1.73 0.00	35.35 1.49 0.00	36.18 1.02 0.00	41.12 0.29 0.00	50.88 -0.15 0.00	60.17 0.72 0.00	55.66 0.55 0.00	49.94 -0.45 0.00	43.85 0.09 0.00	38.74 0.34 0.00	35.58 0.97 0.00
CE_DUNWOOD___DRP 24194	31.69 1.51 0.00	30.01 1.26 0.00	28.50 1.23 0.00	28.21 1.21 0.00	29.72 1.31 0.00	34.26 1.41 0.00	47.16 1.86 0.00	57.37 2.26 0.00	50.46 1.94 0.00	40.87 1.23 0.00	36.91 1.25 0.00	35.35 1.26 0.00	34.63 1.30 0.00	34.60 1.36 0.00	35.29 1.42 0.00	36.70 1.55 0.00	42.59 1.76 0.00	53.17 2.14 0.00	62.67 3.21 0.00	57.53 2.42 0.00	52.41 2.02 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.72 1.11 0.00
CE_MILLWOOD___DRP 24193	31.63 1.45 0.00	29.98 1.24 0.00	28.47 1.20 0.00	28.15 1.16 0.00	29.66 1.25 0.00	34.23 1.38 0.00	47.11 1.81 0.00	57.26 2.15 0.00	50.41 1.89 0.00	40.79 1.15 0.00	36.84 1.18 0.00	35.28 1.19 0.00	34.53 1.20 0.00	34.50 1.26 0.00	35.18 1.32 0.00	36.60 1.44 0.00	42.51 1.67 0.00	53.07 2.04 0.00	62.55 3.09 0.00	57.42 2.31 0.00	52.31 1.91 0.00	45.34 1.58 0.00	39.58 1.19 0.00	35.65 1.04 0.00
CE_NYC2_DRP 24202	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.56 2.26 0.00	57.87 2.76 0.00	51.00 2.47 -0.01	41.35 1.70 -0.01	43.86 1.71 -6.48	44.56 1.74 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.23 1.90 -9.47	45.23 2.04 -8.03	45.20 2.29 -2.08	53.79 2.76 0.00	63.38 3.92 0.00	58.14 3.03 0.00	52.91 2.52 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.11 1.49 -0.01
CE_NYC_DRP 24195	31.93 1.75 0.00	30.21 1.47 0.00	28.71 1.45 0.00	28.40 1.40 0.00	29.89 1.48 0.00	34.46 1.61 0.00	47.47 2.17 0.00	57.70 2.59 0.00	50.85 2.33 0.00	41.23 1.59 0.00	37.30 1.64 0.00	35.76 1.67 0.00	35.00 1.67 0.00	35.00 1.76 0.00	35.69 1.83 0.00	37.13 1.97 0.00	43.04 2.20 0.00	53.63 2.60 0.00	63.20 3.75 0.00	57.98 2.87 0.00	52.81 2.42 0.00	45.78 2.01 0.00	39.97 1.57 0.00	35.96 1.35 0.00
CHAFFEE___LFGE 323603	29.28 -0.90 0.00	27.91 -0.83 0.00	26.53 -0.73 0.00	26.29 -0.70 0.00	27.84 -0.57 0.00	32.15 -0.69 0.00	44.03 -1.27 0.00	53.46 -1.65 0.00	46.92 -1.60 0.00	40.04 0.40 0.00	36.55 0.89 0.00	35.08 0.99 0.00	34.27 0.93 0.00	34.20 0.96 0.00	34.61 0.74 0.00	35.41 0.25 0.00	40.18 -0.65 0.00	49.55 -1.48 0.00	58.39 -1.07 0.00	54.01 -1.10 0.00	48.53 -1.86 0.00	42.67 -1.09 0.00	37.70 -0.69 0.00	34.68 0.07 0.00
CHATEAUG_35_KV_LOAD 355732	29.27 -0.91 0.00	28.00 -0.75 0.00	26.56 -0.71 0.00	26.24 -0.76 0.00	27.64 -0.77 0.00	31.86 -0.99 0.00	43.85 -1.45 0.00	53.51 -1.60 0.00	47.06 -1.46 0.00	38.81 -0.83 0.00	34.84 -0.82 0.00	33.34 -0.75 0.00	32.73 -0.60 0.00	32.47 -0.76 0.00	33.12 -0.74 0.00	34.35 -0.81 0.00	40.18 -0.65 0.00	50.37 -0.66 0.00	58.03 -1.43 0.00	54.28 -0.83 0.00	50.09 -0.30 0.00	43.55 -0.22 0.00	38.70 0.31 0.00	34.85 0.24 0.00
CHATEAUG_WT_PWR 323614	28.58 -1.60 0.00	27.45 -1.29 0.00	26.04 -1.23 0.00	25.59 -1.40 0.00	26.93 -1.48 0.00	30.94 -1.91 0.00	42.53 -2.76 0.00	52.02 -3.09 0.00	45.85 -2.67 0.00	38.37 -1.27 0.00	34.55 -1.11 0.00	33.21 -0.89 0.00	32.80 -0.53 0.00	32.47 -0.76 0.00	33.09 -0.78 0.00	34.24 -0.91 0.00	40.14 -0.69 0.00	50.11 -0.92 0.00	58.03 -1.43 0.00	54.34 -0.77 0.00	50.19 -0.20 0.00	43.46 -0.30 0.00	39.04 0.65 0.00	35.20 0.59 0.00
CHAT_HIGH_FALL_HYD 323578	29.27 -0.91 0.00	28.00 -0.75 0.00	26.56 -0.71 0.00	26.24 -0.76 0.00	27.64 -0.77 0.00	31.86 -0.99 0.00	43.85 -1.45 0.00	53.51 -1.60 0.00	47.06 -1.46 0.00	38.81 -0.83 0.00	34.84 -0.82 0.00	33.34 -0.75 0.00	32.73 -0.60 0.00	32.47 -0.76 0.00	33.12 -0.74 0.00	34.35 -0.81 0.00	40.18 -0.65 0.00	50.37 -0.66 0.00	58.03 -1.43 0.00	54.28 -0.83 0.00	50.09 -0.30 0.00	43.55 -0.22 0.00	38.70 0.31 0.00	34.85 0.24 0.00
CHAUTAUQUA___LFGE 323629	29.52 -0.66 0.00	28.14 -0.61 0.00	26.75 -0.52 0.00	26.53 -0.46 0.00	28.10 -0.31 0.00	32.45 -0.39 0.00	44.44 -0.86 0.00	54.06 -1.05 0.00	47.50 -1.02 0.00	40.51 0.87 0.00	36.98 1.32 0.00	35.46 1.37 0.00	34.63 1.30 0.00	34.56 1.33 0.00	34.95 1.08 0.00	35.79 0.63 0.00	40.63 -0.20 0.00	50.27 -0.76 0.00	59.28 -0.18 0.00	54.84 -0.27 0.00	49.23 -1.16 0.00	43.28 -0.48 0.00	38.24 -0.15 0.00	35.09 0.48 0.00
CHERRYST_13_KV_LD 356241	31.99 1.81 0.00	30.30 1.55 0.00	28.77 1.50 0.00	28.45 1.46 0.00	29.95 1.53 0.00	34.55 1.71 0.00	47.66 2.36 0.00	57.92 2.81 0.00	51.04 2.52 0.00	41.38 1.74 0.00	37.44 1.78 0.00	35.86 1.77 0.00	35.13 1.80 0.00	35.13 1.89 0.00	35.79 1.93 0.00	37.23 2.07 0.00	43.20 2.37 0.00	53.84 2.81 0.00	63.44 3.98 0.00	58.20 3.09 0.00	52.96 2.57 0.00	45.91 2.14 0.00	40.08 1.69 0.00	36.06 1.45 0.00

CHESTROR_138KV_BK263 355645	31.21 1.03 0.00	29.61 0.86 0.00	28.14 0.87 0.00	27.86 0.86 0.00	29.32 0.91 0.00	33.86 1.02 0.00	46.61 1.31 0.00	56.65 1.54 0.00	49.78 1.26 0.00	40.35 0.71 0.00	36.37 0.71 0.00	34.77 0.68 0.00	34.07 0.73 0.00	34.00 0.76 0.00	34.68 0.81 0.00	36.07 0.91 0.00	41.93 1.10 0.00	52.46 1.43 0.00	61.72 2.26 0.00	56.82 1.71 0.00	51.75 1.36 0.00	44.81 1.05 0.00	39.16 0.77 0.00	35.27 0.66 0.00
CH_MIDHUDSON___DRP 24192	31.51 1.33 0.00	29.87 1.12 0.00	28.36 1.09 0.00	28.07 1.08 0.00	29.58 1.16 0.00	34.16 1.31 0.00	47.07 1.77 0.00	57.26 2.15 0.00	50.36 1.84 0.00	40.67 1.03 0.00	36.69 1.03 0.00	35.08 0.99 0.00	34.33 1.00 0.00	34.30 1.06 0.00	34.98 1.12 0.00	36.42 1.27 0.00	42.38 1.55 0.00	53.02 1.99 0.00	62.43 2.97 0.00	57.37 2.26 0.00	52.31 1.91 0.00	45.30 1.53 0.00	39.54 1.15 0.00	35.61 1.00 0.00
CH_MISC_IPPS 23765	31.57 1.39 0.00	29.95 1.21 0.00	28.44 1.17 0.00	28.13 1.13 0.00	29.66 1.25 0.00	34.26 1.41 0.00	47.20 1.90 0.00	57.53 2.42 0.00	50.46 1.94 0.00	40.79 1.15 0.00	36.77 1.11 0.00	35.08 0.99 0.00	34.33 1.00 0.00	34.27 1.03 0.00	35.02 1.15 0.00	36.39 1.23 0.00	42.51 1.67 0.00	53.22 2.19 0.00	62.66 3.21 0.00	57.65 2.54 0.00	52.51 2.12 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.72 1.11 0.00
CH_RES_BVR_FALLS 23983	29.73 -0.45 0.00	28.34 -0.40 0.00	26.91 -0.36 0.00	26.62 -0.38 0.00	28.01 -0.40 0.00	32.39 -0.46 0.00	44.62 -0.68 0.00	54.34 -0.77 0.00	47.89 -0.63 0.00	39.21 -0.44 0.00	35.23 -0.43 0.00	33.72 -0.37 0.00	33.03 -0.30 0.00	32.87 -0.36 0.00	33.49 -0.37 0.00	34.77 -0.39 0.00	40.46 -0.37 0.00	50.62 -0.41 0.00	58.75 -0.71 0.00	54.61 -0.50 0.00	50.14 -0.25 0.00	43.50 -0.26 0.00	38.28 -0.11 0.00	34.51 -0.10 0.00
CH_RES_NIAGARA 23895	28.28 -1.90 0.00	26.99 -1.75 0.00	25.63 -1.64 0.00	25.37 -1.62 0.00	26.54 -1.88 0.00	30.94 -1.91 0.00	41.99 -3.31 0.00	50.92 -4.19 0.00	44.54 -3.98 0.00	38.33 -1.31 0.00	35.09 -0.57 0.00	33.61 -0.48 0.00	32.77 -0.57 0.00	32.77 -0.47 0.00	33.19 -0.68 0.00	33.68 -1.48 0.00	38.55 -2.29 0.00	47.46 -3.57 0.00	56.13 -3.33 0.00	51.80 -3.31 0.00	46.61 -3.78 0.00	41.05 -2.71 0.00	36.40 -2.00 0.00	33.36 -1.25 0.00
CH_RES_SYRACUSE 23985	29.97 -0.21 0.00	28.54 -0.20 0.00	27.05 -0.22 0.00	26.78 -0.22 0.00	28.21 -0.20 0.00	32.65 -0.20 0.00	45.16 -0.14 0.00	55.11 0.00 0.00	48.52 0.00 0.00	39.88 0.24 0.00	35.87 0.22 0.00	34.26 0.17 0.00	33.47 0.13 0.00	33.33 0.10 0.00	33.93 0.07 0.00	35.16 0.00 0.00	40.67 -0.16 0.00	50.83 -0.20 0.00	59.58 0.12 0.00	55.11 0.00 0.00	50.14 -0.25 0.00	43.59 -0.17 0.00	38.28 -0.11 0.00	34.47 -0.14 0.00
CLINTON_WT_PWR 323605	28.58 -1.60 0.00	27.45 -1.29 0.00	26.04 -1.23 0.00	25.59 -1.40 0.00	26.93 -1.48 0.00	30.94 -1.91 0.00	42.53 -2.76 0.00	52.02 -3.09 0.00	45.85 -2.67 0.00	38.37 -1.27 0.00	34.55 -1.11 0.00	33.21 -0.89 0.00	32.80 -0.53 0.00	32.47 -0.76 0.00	33.09 -0.78 0.00	34.24 -0.91 0.00	40.14 -0.69 0.00	50.11 -0.92 0.00	58.03 -1.43 0.00	54.34 -0.77 0.00	50.19 -0.20 0.00	43.46 -0.30 0.00	39.04 0.65 0.00	35.20 0.59 0.00
CLINTON___LFGE 323618	29.19 -1.00 0.00	27.97 -0.77 0.00	26.53 -0.73 0.00	26.18 -0.81 0.00	27.56 -0.85 0.00	31.76 -1.08 0.00	43.62 -1.68 0.00	53.34 -1.77 0.00	46.92 -1.60 0.00	39.09 -0.56 0.00	35.09 -0.57 0.00	33.61 -0.48 0.00	33.13 -0.20 0.00	32.84 -0.40 0.00	33.49 -0.37 0.00	34.70 -0.46 0.00	40.71 -0.12 0.00	50.78 -0.25 0.00	58.68 -0.77 0.00	54.94 -0.16 0.00	50.70 0.30 0.00	43.90 0.13 0.00	39.28 0.88 0.00	35.41 0.80 0.00
COBBLENY_34_KV_TB1 80064	29.27 -0.91 0.00	27.91 -0.83 0.00	26.53 -0.74 0.00	26.26 -0.73 0.00	27.50 -0.91 0.00	32.16 -0.69 0.00	43.80 -1.49 0.00	53.29 -1.82 0.00	46.63 -1.89 0.00	40.04 0.40 0.00	36.51 0.86 0.00	34.98 0.89 0.00	34.07 0.73 0.00	34.13 0.90 0.00	34.54 0.68 0.00	35.09 -0.07 0.00	40.18 -0.65 0.00	49.55 -1.48 0.00	58.56 -0.89 0.00	54.01 -1.10 0.00	48.53 -1.86 0.00	42.54 -1.23 0.00	37.66 -0.73 0.00	34.54 -0.07 0.00
COFFEEN___115KV_TB3 355620	30.51 0.33 0.00	29.09 0.34 0.00	27.57 0.30 0.00	27.34 0.35 0.00	28.75 0.34 0.00	33.31 0.46 0.00	46.21 0.91 0.00	56.43 1.32 0.00	49.54 1.02 0.00	40.63 0.99 0.00	36.09 0.43 0.00	34.36 0.27 0.00	33.33 0.00 0.00	33.33 0.10 0.00	34.07 0.20 0.00	35.44 0.28 0.00	41.20 0.37 0.00	52.20 1.17 0.00	61.48 2.02 0.00	57.20 2.09 0.00	52.00 1.61 0.00	45.30 1.53 0.00	39.66 1.27 0.00	35.47 0.87 0.00
COLDSPRG_115KV_BK1 355956	30.09 -0.09 0.00	28.66 -0.09 0.00	27.27 0.00 0.00	27.02 0.03 0.00	28.33 -0.09 0.00	33.17 0.33 0.00	45.30 0.00 0.00	55.27 0.17 0.00	48.42 -0.10 0.00	41.54 1.90 0.00	37.73 2.07 0.00	36.07 1.98 0.00	35.13 1.80 0.00	35.19 1.96 0.00	35.56 1.69 0.00	36.14 0.98 0.00	41.44 0.61 0.00	51.23 0.20 0.00	60.70 1.25 0.00	55.99 0.88 0.00	50.24 -0.15 0.00	43.90 0.13 0.00	38.85 0.46 0.00	35.61 1.00 0.00
COLONIE_LFGE___ 323577	31.12 0.94 0.00	29.61 0.86 0.00	28.06 0.79 0.00	27.78 0.78 0.00	29.24 0.82 0.00	33.83 0.98 0.00	46.71 1.41 0.00	56.76 1.65 0.00	49.88 1.36 0.00	40.39 0.75 0.00	36.26 0.61 0.00	34.67 0.58 0.00	33.93 0.60 0.00	33.90 0.66 0.00	34.54 0.68 0.00	35.93 0.77 0.00	41.97 1.14 0.00	52.61 1.58 0.00	61.66 2.20 0.00	56.71 1.60 0.00	51.75 1.36 0.00	44.90 1.14 0.00	39.31 0.92 0.00	35.44 0.83 0.00
COOPERNY_115KV_TB1 80082	30.93 0.75 0.00	29.41 0.66 0.00	27.92 0.65 0.00	27.64 0.65 0.00	29.09 0.68 0.00	33.57 0.72 0.00	46.25 0.95 0.00	56.27 1.16 0.00	49.44 0.92 0.00	40.24 0.59 0.00	36.23 0.57 0.00	34.64 0.55 0.00	33.90 0.57 0.00	33.83 0.60 0.00	34.51 0.64 0.00	35.86 0.70 0.00	41.65 0.82 0.00	52.05 1.02 0.00	61.12 1.66 0.00	56.38 1.27 0.00	51.35 0.96 0.00	44.55 0.79 0.00	38.97 0.58 0.00	35.09 0.48 0.00
COPENHAGEN_WT_PWR 323753	30.24 0.06 0.00	28.83 0.09 0.00	27.32 0.05 0.00	27.10 0.11 0.00	28.53 0.11 0.00	32.98 0.13 0.00	45.75 0.45 0.00	55.82 0.71 0.00	49.05 0.53 0.00	40.24 0.60 0.00	35.80 0.14 0.00	34.13 0.03 0.00	33.13 -0.20 0.00	33.10 -0.13 0.00	33.83 -0.03 0.00	35.19 0.04 0.00	40.87 0.04 0.00	51.64 0.61 0.00	60.71 1.25 0.00	56.38 1.27 0.00	51.35 0.96 0.00	44.77 1.01 0.00	39.24 0.84 0.00	35.16 0.55 0.00
CORNELL_____ 23752	30.78 0.60 0.00	29.29 0.55 0.00	27.79 0.52 0.00	27.51 0.51 0.00	28.95 0.54 0.00	33.60 0.76 0.00	46.52 1.22 0.00	56.87 1.76 0.00	49.83 1.31 0.00	40.99 1.35 0.00	36.80 1.14 0.00	35.08 0.99 0.00	34.20 0.87 0.00	34.13 0.90 0.00	34.74 0.88 0.00	36.04 0.88 0.00	41.77 0.94 0.00	52.41 1.38 0.00	61.66 2.20 0.00	56.98 1.87 0.00	51.75 1.36 0.00	44.90 1.14 0.00	39.43 1.04 0.00	35.44 0.83 0.00

CORONA V_69_KV_TB1 355595	32.17 1.99 0.00	30.41 1.67 0.00	28.85 1.58 0.00	28.53 1.54 0.00	30.09 1.68 0.00	34.62 1.77 0.00	47.25 1.95 0.00	56.90 2.20 0.41	50.46 1.94 0.00	40.48 1.11 0.27	36.91 1.25 0.00	35.49 1.40 0.00	34.77 1.43 0.00	34.83 1.60 0.00	35.45 1.59 0.00	36.70 1.55 0.00	42.63 1.80 0.00	53.28 2.25 0.00	63.02 3.57 0.00	57.75 2.65 0.00	52.51 2.12 0.00	45.56 1.79 0.00	39.66 1.27 0.00	35.89 1.28 0.00
CORTLAND_115KV_TB3 80093	30.45 0.27 0.00	29.00 0.26 0.00	27.51 0.25 0.00	27.24 0.24 0.00	28.67 0.26 0.00	33.24 0.39 0.00	45.93 0.63 0.00	56.10 0.99 0.00	49.30 0.78 0.00	40.51 0.87 0.00	36.41 0.75 0.00	34.74 0.65 0.00	33.90 0.57 0.00	33.80 0.56 0.00	34.40 0.54 0.00	35.65 0.49 0.00	41.32 0.49 0.00	51.74 0.71 0.00	60.76 1.31 0.00	56.16 1.05 0.00	51.10 0.71 0.00	44.38 0.61 0.00	38.93 0.54 0.00	35.02 0.42 0.00
COXSACKIE___GT 23611	31.33 1.15 0.00	29.84 1.09 0.00	28.30 1.04 0.00	27.99 1.00 0.00	29.49 1.08 0.00	34.26 1.41 0.00	47.70 2.40 0.00	58.08 2.97 0.00	50.75 2.23 0.00	40.51 0.87 0.00	36.05 0.39 0.00	34.16 0.07 0.00	33.53 0.20 0.00	33.43 0.20 0.00	34.20 0.34 0.00	35.61 0.46 0.00	42.26 1.43 0.00	53.53 2.50 0.00	63.20 3.75 0.00	58.25 3.14 0.00	53.06 2.67 0.00	45.82 2.06 0.00	40.04 1.65 0.00	35.99 1.39 0.00
CPV_VALLEY___CC1 323721	31.00 0.82 0.00	29.43 0.69 0.00	27.95 0.68 0.00	27.67 0.68 0.00	29.12 0.71 0.00	33.63 0.79 0.00	46.25 0.95 0.00	56.27 1.16 0.00	49.39 0.87 0.00	40.12 0.48 0.00	36.16 0.50 0.00	34.57 0.48 0.00	33.83 0.50 0.00	33.76 0.53 0.00	34.47 0.61 0.00	35.82 0.67 0.00	41.69 0.86 0.00	52.10 1.07 0.00	61.24 1.78 0.00	56.38 1.27 0.00	51.35 0.96 0.00	44.51 0.74 0.00	38.89 0.50 0.00	35.03 0.42 0.00
CPV_VALLEY___CC2 323722	31.00 0.82 0.00	29.43 0.69 0.00	27.95 0.68 0.00	27.67 0.68 0.00	29.12 0.71 0.00	33.63 0.79 0.00	46.25 0.95 0.00	56.27 1.16 0.00	49.39 0.87 0.00	40.12 0.48 0.00	36.16 0.50 0.00	34.57 0.48 0.00	33.83 0.50 0.00	33.76 0.53 0.00	34.47 0.61 0.00	35.82 0.67 0.00	41.69 0.86 0.00	52.10 1.07 0.00	61.24 1.78 0.00	56.38 1.27 0.00	51.35 0.96 0.00	44.51 0.74 0.00	38.89 0.50 0.00	35.03 0.42 0.00
CRESCENT___HYD 24018	31.12 0.94 0.00	29.61 0.86 0.00	28.06 0.79 0.00	27.78 0.78 0.00	29.24 0.82 0.00	33.83 0.98 0.00	46.71 1.41 0.00	56.76 1.65 0.00	49.88 1.36 0.00	40.39 0.75 0.00	36.26 0.61 0.00	34.67 0.58 0.00	33.93 0.60 0.00	33.90 0.66 0.00	34.54 0.68 0.00	35.93 0.77 0.00	41.97 1.14 0.00	52.61 1.58 0.00	61.66 2.20 0.00	56.71 1.60 0.00	51.75 1.36 0.00	44.90 1.14 0.00	39.31 0.92 0.00	35.44 0.83 0.00
CRICKET___VALLEY_CC1 323756	31.30 1.12 0.00	29.72 0.98 0.00	28.20 0.93 0.00	27.91 0.92 0.00	29.38 0.97 0.00	33.93 1.08 0.00	46.66 1.36 0.00	56.76 1.65 0.00	49.88 1.36 0.00	40.31 0.67 0.00	36.33 0.68 0.00	34.77 0.68 0.00	34.03 0.70 0.00	34.03 0.80 0.00	34.71 0.85 0.00	36.11 0.95 0.00	42.06 1.22 0.00	52.61 1.58 0.00	61.84 2.38 0.00	56.76 1.65 0.00	51.75 1.36 0.00	44.86 1.09 0.00	39.24 0.84 0.00	35.34 0.73 0.00
CRICKET___VALLEY_CC2 323757	31.30 1.12 0.00	29.72 0.98 0.00	28.20 0.93 0.00	27.91 0.92 0.00	29.38 0.97 0.00	33.93 1.08 0.00	46.66 1.36 0.00	56.76 1.65 0.00	49.88 1.36 0.00	40.31 0.67 0.00	36.33 0.68 0.00	34.77 0.68 0.00	34.03 0.70 0.00	34.03 0.80 0.00	34.71 0.85 0.00	36.11 0.95 0.00	42.06 1.22 0.00	52.61 1.58 0.00	61.84 2.38 0.00	56.76 1.65 0.00	51.75 1.36 0.00	44.86 1.09 0.00	39.24 0.84 0.00	35.34 0.73 0.00
CRICKET___VALLEY_CC3 323758	31.30 1.12 0.00	29.72 0.98 0.00	28.20 0.93 0.00	27.91 0.92 0.00	29.38 0.97 0.00	33.93 1.08 0.00	46.66 1.36 0.00	56.76 1.65 0.00	49.88 1.36 0.00	40.31 0.67 0.00	36.33 0.68 0.00	34.77 0.68 0.00	34.03 0.70 0.00	34.03 0.80 0.00	34.71 0.85 0.00	36.11 0.95 0.00	42.06 1.22 0.00	52.61 1.58 0.00	61.84 2.38 0.00	56.76 1.65 0.00	51.75 1.36 0.00	44.86 1.09 0.00	39.24 0.84 0.00	35.34 0.73 0.00
CRUCIBLE_METL_DRP 24180	29.97 -0.21 0.00	28.54 -0.20 0.00	27.05 -0.22 0.00	26.78 -0.22 0.00	28.18 -0.23 0.00	32.65 -0.20 0.00	45.12 -0.18 0.00	55.11 0.00 0.00	48.47 -0.05 0.00	39.84 0.20 0.00	35.87 0.21 0.00	34.26 0.17 0.00	33.43 0.10 0.00	33.33 0.10 0.00	33.90 0.03 0.00	35.12 -0.04 0.00	40.67 -0.16 0.00	50.83 -0.20 0.00	59.58 0.12 0.00	55.11 0.00 0.00	50.19 -0.20 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.47 -0.14 0.00
DAHOWA___HYDRO 323763	31.45 1.27 0.00	29.98 1.24 0.00	28.36 1.09 0.00	28.07 1.08 0.00	29.60 1.19 0.00	34.26 1.41 0.00	47.34 2.04 0.00	57.59 2.48 0.00	50.51 1.99 0.00	40.87 1.23 0.00	36.62 0.96 0.00	34.98 0.88 0.00	34.27 0.93 0.00	34.20 0.96 0.00	34.85 0.98 0.00	36.25 1.09 0.00	42.47 1.63 0.00	53.38 2.35 0.00	62.72 3.27 0.00	57.70 2.59 0.00	52.56 2.17 0.00	45.56 1.80 0.00	39.85 1.46 0.00	35.92 1.31 0.00
DANC___LFGE 323619	30.00 -0.18 0.00	28.60 -0.14 0.00	27.11 -0.16 0.00	26.86 -0.13 0.00	28.30 -0.11 0.00	32.71 -0.13 0.00	45.30 0.00 0.00	55.28 0.17 0.00	48.57 0.05 0.00	39.88 0.24 0.00	35.62 -0.04 0.00	33.99 -0.10 0.00	33.07 -0.27 0.00	33.00 -0.23 0.00	33.69 -0.17 0.00	34.98 -0.17 0.00	40.59 -0.24 0.00	51.08 0.05 0.00	59.93 0.47 0.00	55.60 0.49 0.00	50.59 0.20 0.00	44.16 0.39 0.00	38.70 0.31 0.00	34.75 0.14 0.00
DANSKAMMER___1 23586	31.57 1.39 0.00	29.95 1.21 0.00	28.44 1.17 0.00	28.13 1.13 0.00	29.66 1.25 0.00	34.26 1.41 0.00	47.20 1.90 0.00	57.53 2.42 0.00	50.46 1.94 0.00	40.79 1.15 0.00	36.77 1.11 0.00	35.08 0.99 0.00	34.33 1.00 0.00	34.27 1.03 0.00	35.02 1.15 0.00	36.39 1.23 0.00	42.51 1.67 0.00	53.22 2.19 0.00	62.66 3.21 0.00	57.65 2.54 0.00	52.51 2.12 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.72 1.11 0.00
DANSKAMMER___2 23589	31.57 1.39 0.00	29.95 1.21 0.00	28.44 1.17 0.00	28.13 1.13 0.00	29.66 1.25 0.00	34.26 1.41 0.00	47.20 1.90 0.00	57.53 2.42 0.00	50.46 1.94 0.00	40.79 1.15 0.00	36.77 1.11 0.00	35.08 0.99 0.00	34.33 1.00 0.00	34.27 1.03 0.00	35.02 1.15 0.00	36.39 1.23 0.00	42.51 1.67 0.00	53.22 2.19 0.00	62.66 3.21 0.00	57.65 2.54 0.00	52.51 2.12 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.72 1.11 0.00
DANSKAMMER___3 23590	31.57 1.39 0.00	29.95 1.21 0.00	28.44 1.17 0.00	28.13 1.13 0.00	29.66 1.25 0.00	34.26 1.41 0.00	47.20 1.90 0.00	57.53 2.42 0.00	50.46 1.94 0.00	40.79 1.15 0.00	36.77 1.11 0.00	35.08 0.99 0.00	34.33 1.00 0.00	34.27 1.03 0.00	35.02 1.15 0.00	36.39 1.23 0.00	42.51 1.67 0.00	53.22 2.19 0.00	62.66 3.21 0.00	57.65 2.54 0.00	52.51 2.12 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.72 1.11 0.00

DANSKAMMER___4 23591	31.57 1.39 0.00	29.95 1.21 0.00	28.44 1.17 0.00	28.13 1.13 0.00	29.66 1.25 0.00	34.26 1.41 0.00	47.20 1.90 0.00	57.53 2.42 0.00	50.46 1.94 0.00	40.79 1.15 0.00	36.77 1.11 0.00	35.08 0.99 0.00	34.33 1.00 0.00	34.27 1.03 0.00	35.02 1.15 0.00	36.39 1.23 0.00	42.51 1.67 0.00	53.22 2.19 0.00	62.66 3.21 0.00	57.65 2.54 0.00	52.51 2.12 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.72 1.11 0.00
DANSKAMMER___DIESEL 23592	31.57 1.39 0.00	29.95 1.21 0.00	28.44 1.17 0.00	28.15 1.16 0.00	29.66 1.25 0.00	34.26 1.41 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.56 2.04 0.00	40.83 1.19 0.00	36.76 1.11 0.00	35.11 1.02 0.00	34.40 1.07 0.00	34.33 1.10 0.00	35.05 1.19 0.00	36.46 1.30 0.00	42.51 1.67 0.00	53.22 2.19 0.00	62.73 3.27 0.00	57.64 2.54 0.00	52.56 2.17 0.00	45.47 1.71 0.00	39.70 1.31 0.00	35.75 1.14 0.00
DARBY___SOLAR 323810	31.36 1.18 0.00	29.90 1.15 0.00	28.30 1.04 0.00	28.02 1.03 0.00	29.52 1.11 0.00	34.16 1.32 0.00	47.20 1.90 0.00	57.37 2.26 0.00	50.36 1.84 0.00	40.83 1.19 0.00	36.55 0.89 0.00	34.94 0.85 0.00	34.23 0.90 0.00	34.13 0.90 0.00	34.78 0.91 0.00	36.18 1.02 0.00	42.34 1.51 0.00	53.17 2.14 0.00	62.49 3.03 0.00	57.48 2.37 0.00	52.41 2.02 0.00	45.43 1.66 0.00	39.74 1.34 0.00	35.82 1.21 0.00
DASHVILLE___HYD 23610	31.24 1.06 0.00	29.61 0.86 0.00	28.14 0.87 0.00	27.83 0.84 0.00	29.32 0.91 0.00	33.83 0.99 0.00	46.61 1.31 0.00	56.71 1.60 0.00	49.83 1.31 0.00	40.24 0.59 0.00	36.30 0.64 0.00	34.67 0.58 0.00	33.97 0.63 0.00	33.90 0.66 0.00	34.61 0.74 0.00	36.00 0.84 0.00	41.93 1.10 0.00	52.46 1.43 0.00	61.77 2.32 0.00	56.82 1.71 0.00	51.80 1.41 0.00	44.86 1.09 0.00	39.20 0.81 0.00	35.27 0.66 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.59 2.41 0.00	30.70 1.95 0.00	29.12 1.85 0.00	28.77 1.78 0.00	30.43 2.02 0.00	34.78 1.94 0.00	46.66 1.36 0.00	53.59 1.27 2.79	49.66 1.16 0.02	38.10 0.28 1.81	36.36 0.71 0.01	35.28 1.19 0.00	34.60 1.27 0.00	34.83 1.60 0.00	35.45 1.59 0.00	36.53 1.37 0.00	42.67 1.84 0.00	53.33 2.30 0.00	63.44 3.98 0.00	57.75 2.65 0.00	52.41 2.02 0.00	45.73 1.97 0.00	39.54 1.15 0.00	36.10 1.49 0.00
DELAWARE___LFGE 323621	31.03 0.85 0.00	29.55 0.80 0.00	28.03 0.76 0.00	27.78 0.78 0.00	29.24 0.82 0.00	33.77 0.92 0.00	46.61 1.31 0.00	56.71 1.60 0.00	49.88 1.36 0.00	40.79 1.15 0.00	36.62 0.96 0.00	35.01 0.92 0.00	34.17 0.83 0.00	34.10 0.86 0.00	34.74 0.88 0.00	36.07 0.91 0.00	41.89 1.06 0.00	52.41 1.38 0.00	61.54 2.08 0.00	56.82 1.71 0.00	51.75 1.36 0.00	44.90 1.14 0.00	39.31 0.92 0.00	35.41 0.80 0.00
DERFIELD_115KV_TB7 355931	30.27 0.09 0.00	28.83 0.09 0.00	27.35 0.08 0.00	27.07 0.08 0.00	28.50 0.09 0.00	32.94 0.10 0.00	45.44 0.14 0.00	55.27 0.17 0.00	48.66 0.15 0.00	39.72 0.08 0.00	35.69 0.04 0.00	34.13 0.03 0.00	33.37 0.03 0.00	33.30 0.07 0.00	33.93 0.07 0.00	35.23 0.07 0.00	40.91 0.08 0.00	51.13 0.10 0.00	59.75 0.30 0.00	55.27 0.17 0.00	50.49 0.10 0.00	43.85 0.09 0.00	38.47 0.08 0.00	34.64 0.03 0.00
DOGLEVILLE___HYD 23807	30.27 0.09 0.00	28.80 0.06 0.00	27.32 0.05 0.00	27.07 0.08 0.00	28.47 0.06 0.00	32.94 0.10 0.00	45.48 0.18 0.00	55.39 0.28 0.00	48.81 0.29 0.00	39.84 0.20 0.00	35.77 0.11 0.00	34.19 0.10 0.00	33.40 0.07 0.00	33.30 0.07 0.00	33.90 0.03 0.00	35.19 0.04 0.00	40.91 0.08 0.00	51.29 0.26 0.00	60.05 0.59 0.00	55.60 0.49 0.00	50.84 0.45 0.00	44.16 0.39 0.00	38.78 0.38 0.00	34.96 0.35 0.00
DUNKIRK___115KV_TB_200 55889	29.49 -0.69 0.00	28.11 -0.63 0.00	26.72 -0.55 0.00	26.48 -0.51 0.00	27.73 -0.68 0.00	32.42 -0.43 0.00	44.21 -1.09 0.00	53.79 -1.32 0.00	47.11 -1.41 0.00	40.47 0.83 0.00	36.84 1.18 0.00	35.25 1.16 0.00	34.37 1.03 0.00	34.43 1.20 0.00	34.81 0.95 0.00	35.40 0.25 0.00	40.55 -0.29 0.00	50.11 -0.92 0.00	59.28 -0.18 0.00	54.72 -0.39 0.00	49.13 -1.26 0.00	43.02 -0.74 0.00	38.09 -0.31 0.00	34.89 0.28 0.00
DUNKIRK___1 23563	29.49 -0.69 0.00	28.11 -0.63 0.00	26.72 -0.55 0.00	26.48 -0.51 0.00	27.73 -0.68 0.00	32.42 -0.43 0.00	44.21 -1.09 0.00	53.79 -1.32 0.00	47.11 -1.41 0.00	40.47 0.83 0.00	36.84 1.18 0.00	35.25 1.16 0.00	34.37 1.03 0.00	34.43 1.20 0.00	34.81 0.95 0.00	35.40 0.25 0.00	40.55 -0.29 0.00	50.11 -0.92 0.00	59.28 -0.18 0.00	54.72 -0.39 0.00	49.13 -1.26 0.00	43.02 -0.74 0.00	38.09 -0.31 0.00	34.89 0.28 0.00
DUNKIRK___2 23564	29.49 -0.69 0.00	28.11 -0.63 0.00	26.72 -0.55 0.00	26.48 -0.51 0.00	27.73 -0.68 0.00	32.42 -0.43 0.00	44.21 -1.09 0.00	53.79 -1.32 0.00	47.11 -1.41 0.00	40.47 0.83 0.00	36.84 1.18 0.00	35.25 1.16 0.00	34.37 1.03 0.00	34.43 1.20 0.00	34.81 0.95 0.00	35.40 0.25 0.00	40.55 -0.29 0.00	50.11 -0.92 0.00	59.28 -0.18 0.00	54.72 -0.39 0.00	49.13 -1.26 0.00	43.02 -0.74 0.00	38.09 -0.31 0.00	34.89 0.28 0.00
DUNKIRK___3 23565	29.40 -0.78 0.00	28.03 -0.72 0.00	26.64 -0.63 0.00	26.37 -0.62 0.00	27.62 -0.80 0.00	32.25 -0.59 0.00	43.99 -1.31 0.00	53.51 -1.60 0.00	46.87 -1.65 0.00	40.24 0.59 0.00	36.62 0.96 0.00	35.05 0.95 0.00	34.13 0.80 0.00	34.20 0.96 0.00	34.61 0.74 0.00	35.19 0.04 0.00	40.30 -0.53 0.00	49.81 -1.22 0.00	58.92 -0.54 0.00	54.34 -0.77 0.00	48.83 -1.56 0.00	42.80 -0.96 0.00	37.85 -0.54 0.00	34.68 0.07 0.00
DUNKIRK___4 23566	29.40 -0.78 0.00	28.03 -0.72 0.00	26.64 -0.63 0.00	26.37 -0.62 0.00	27.62 -0.80 0.00	32.25 -0.59 0.00	43.99 -1.31 0.00	53.51 -1.60 0.00	46.87 -1.65 0.00	40.24 0.59 0.00	36.62 0.96 0.00	35.05 0.95 0.00	34.13 0.80 0.00	34.20 0.96 0.00	34.61 0.74 0.00	35.19 0.04 0.00	40.30 -0.53 0.00	49.81 -1.22 0.00	58.92 -0.54 0.00	54.34 -0.77 0.00	48.83 -1.56 0.00	42.80 -0.96 0.00	37.85 -0.54 0.00	34.68 0.07 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.72 1.54 0.00	30.07 1.32 0.00	28.55 1.28 0.00	28.23 1.24 0.00	29.75 1.34 0.00	34.32 1.48 0.00	47.25 1.95 0.00	57.42 2.31 0.00	50.56 2.04 0.00	40.95 1.31 0.00	36.98 1.32 0.00	35.46 1.36 0.00	34.70 1.37 0.00	34.66 1.43 0.00	35.35 1.49 0.00	36.77 1.62 0.00	42.71 1.88 0.00	53.33 2.30 0.00	62.85 3.39 0.00	57.64 2.54 0.00	52.51 2.12 0.00	45.51 1.75 0.00	39.74 1.34 0.00	35.75 1.14 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.36 1.18 0.00	29.75 1.01 0.00	28.28 1.01 0.00	27.96 0.97 0.00	29.46 1.05 0.00	34.03 1.18 0.00	46.89 1.59 0.00	56.98 1.87 0.00	50.12 1.60 0.00	40.55 0.91 0.00	36.55 0.89 0.00	34.91 0.82 0.00	34.20 0.87 0.00	34.13 0.90 0.00	34.85 0.98 0.00	36.21 1.05 0.00	42.18 1.35 0.00	52.77 1.74 0.00	62.13 2.68 0.00	57.15 2.04 0.00	52.05 1.66 0.00	45.08 1.31 0.00	39.39 1.00 0.00	35.47 0.87 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.94 1.75 -0.01	30.22 1.47 -0.01	28.69 1.42 -0.01	28.40 1.40 -0.01	29.90 1.48 -0.01	34.46 1.61 -0.01	47.43 2.13 0.00	57.64 2.54 0.00	50.79 2.28 0.01	41.18 1.55 0.01	37.22 1.57 0.01	35.69 1.60 0.01	34.96 1.63 0.01	34.92 1.69 0.01	35.62 1.76 0.01	37.05 1.90 0.01	42.95 2.12 0.01	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.73 1.97 0.01	39.97 1.57 -0.01	35.97 1.35 -0.01
E179THST_13_KV_LOAD 356214	32.06 1.87 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.49 1.48 -0.01	29.98 1.56 -0.01	34.59 1.74 -0.01	47.66 2.36 0.00	57.87 2.76 0.00	50.99 2.47 0.01	41.38 1.74 0.01	37.40 1.75 0.01	35.86 1.77 0.01	35.09 1.77 0.01	35.09 1.86 0.01	35.79 1.93 0.01	37.22 2.07 0.01	43.15 2.33 0.01	53.84 2.81 0.00	63.44 3.98 0.00	58.20 3.09 0.00	52.96 2.57 0.00	45.94 2.19 0.01	40.13 1.73 -0.01	36.11 1.49 -0.01
EAST HAMPTON___GT 23717	32.27 2.08 -0.01	30.38 1.64 0.00	28.82 1.55 0.00	28.45 1.46 0.00	30.12 1.70 0.00	34.45 1.61 0.00	46.02 0.72 0.00	52.92 0.61 2.79	48.98 0.49 0.03	37.70 -0.12 1.82	36.07 0.43 0.02	34.94 0.85 0.00	34.13 0.80 0.00	34.23 1.00 0.00	35.15 1.29 0.00	36.39 1.23 0.00	42.59 1.75 0.00	53.12 2.09 0.00	63.02 3.57 0.00	57.48 2.37 0.00	52.11 1.71 0.00	45.60 1.84 0.00	39.31 0.92 0.00	35.82 1.21 0.00
EAST RIVER___6 23660	31.99 1.81 0.00	30.27 1.52 0.00	28.74 1.47 0.00	28.42 1.43 0.00	29.94 1.53 0.00	34.52 1.67 0.00	47.56 2.26 0.00	57.92 2.81 0.00	50.99 2.47 0.00	41.43 1.79 0.00	37.44 1.78 0.00	35.90 1.81 0.00	35.10 1.77 0.00	35.09 1.86 0.00	35.83 1.96 0.00	37.23 2.07 0.00	43.24 2.41 0.00	53.94 2.91 0.00	63.44 3.98 0.00	58.25 3.14 0.00	53.01 2.62 0.00	45.91 2.14 0.00	40.04 1.65 0.00	35.99 1.39 0.00
EAST RIVER___7 23524	31.99 1.81 0.00	30.27 1.52 0.00	28.74 1.47 0.00	28.42 1.43 0.00	29.94 1.53 0.00	34.52 1.67 0.00	47.56 2.26 0.00	57.92 2.81 0.00	50.99 2.47 0.00	41.43 1.79 0.00	37.44 1.78 0.00	35.90 1.81 0.00	35.10 1.77 0.00	35.09 1.86 0.00	35.83 1.96 0.00	37.23 2.07 0.00	43.24 2.41 0.00	53.94 2.91 0.00	63.44 3.98 0.00	58.25 3.14 0.00	53.01 2.62 0.00	45.91 2.14 0.00	40.04 1.65 0.00	35.99 1.39 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.69 1.51 0.00	30.01 1.26 0.00	28.50 1.23 0.00	28.21 1.21 0.00	29.72 1.31 0.00	34.26 1.41 0.00	47.16 1.86 0.00	57.37 2.26 0.00	50.46 1.94 0.00	40.87 1.23 0.00	36.91 1.25 0.00	35.35 1.26 0.00	34.63 1.30 0.00	34.60 1.36 0.00	35.29 1.42 0.00	36.70 1.55 0.00	42.59 1.76 0.00	53.17 2.14 0.00	62.67 3.21 0.00	57.53 2.42 0.00	52.41 2.02 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.72 1.11 0.00
EAST_HAMPTON___DIESEL 23722	32.18 1.99 -0.01	30.32 1.58 0.00	28.74 1.47 0.00	28.40 1.40 0.00	30.06 1.65 0.00	34.39 1.54 0.00	45.89 0.59 0.00	52.81 0.49 2.79	48.88 0.39 0.03	37.62 -0.20 1.82	36.00 0.36 0.02	34.88 0.78 0.00	34.10 0.77 0.00	34.20 0.96 0.00	35.12 1.25 0.00	36.35 1.20 0.00	42.55 1.71 0.00	53.07 2.04 0.00	62.90 3.45 0.00	57.37 2.26 0.00	52.00 1.61 0.00	45.52 1.75 0.00	39.24 0.84 0.00	35.79 1.18 0.00
EAST_POINT___SOLAR 323840	32.47 2.29 0.00	30.96 2.21 0.00	29.26 1.99 0.00	28.99 2.00 0.00	30.60 2.19 0.00	35.57 2.72 0.00	49.33 4.03 0.00	59.96 4.85 0.00	52.11 3.59 0.00	41.74 2.10 0.00	36.44 0.78 0.00	34.47 0.38 0.00	33.77 0.43 0.00	33.70 0.47 0.00	34.88 1.01 0.00	36.85 1.69 0.00	43.90 3.06 0.00	55.57 4.54 0.00	65.52 6.07 0.00	60.40 5.29 0.00	54.83 4.44 0.00	47.53 3.76 0.00	41.42 3.03 0.00	37.27 2.67 0.00
EAST_PULASKI___ESR 323781	29.82 -0.36 0.00	28.40 -0.34 0.00	26.91 -0.36 0.00	26.67 -0.32 0.00	28.10 -0.31 0.00	32.45 -0.39 0.00	44.94 -0.36 0.00	54.78 -0.33 0.00	48.18 -0.34 0.00	39.56 -0.08 0.00	35.48 -0.18 0.00	33.89 -0.20 0.00	33.03 -0.30 0.00	32.97 -0.27 0.00	33.56 -0.31 0.00	34.84 -0.32 0.00	40.38 -0.45 0.00	50.57 -0.46 0.00	59.34 -0.12 0.00	54.94 -0.16 0.00	50.04 -0.35 0.00	43.59 -0.17 0.00	38.20 -0.19 0.00	34.37 -0.24 0.00
EAST_RIVER___1 323558	31.93 1.75 0.00	30.21 1.47 0.00	28.71 1.44 0.00	28.40 1.40 0.00	29.92 1.50 0.00	34.45 1.61 0.00	47.43 2.13 0.00	57.70 2.59 0.00	50.75 2.23 0.00	41.23 1.59 0.00	37.27 1.61 0.00	35.73 1.64 0.00	34.93 1.60 0.00	34.93 1.69 0.00	35.66 1.79 0.00	37.05 1.90 0.00	43.04 2.20 0.00	53.68 2.65 0.00	63.14 3.69 0.00	57.97 2.86 0.00	52.76 2.37 0.00	45.78 2.01 0.00	39.93 1.54 0.00	35.92 1.31 0.00
EAST_RIVER___2 323559	31.99 1.81 0.00	30.27 1.52 0.00	28.74 1.47 0.00	28.42 1.43 0.00	29.94 1.53 0.00	34.52 1.67 0.00	47.56 2.26 0.00	57.92 2.81 0.00	50.99 2.47 0.00	41.43 1.79 0.00	37.44 1.78 0.00	35.90 1.81 0.00	35.10 1.77 0.00	35.09 1.86 0.00	35.83 1.96 0.00	37.23 2.07 0.00	43.24 2.41 0.00	53.94 2.91 0.00	63.44 3.98 0.00	58.25 3.14 0.00	53.01 2.62 0.00	45.91 2.14 0.00	40.04 1.65 0.00	35.99 1.39 0.00
EAST___DELAWARE_HYD 23607	31.54 1.36 0.00	29.90 1.15 0.00	28.41 1.15 0.00	28.13 1.13 0.00	29.60 1.19 0.00	34.22 1.38 0.00	47.20 1.90 0.00	57.53 2.42 0.00	50.46 1.94 0.00	40.83 1.19 0.00	36.73 1.07 0.00	35.01 0.92 0.00	34.27 0.93 0.00	34.16 0.93 0.00	34.95 1.08 0.00	36.32 1.16 0.00	42.42 1.59 0.00	53.22 2.19 0.00	62.66 3.21 0.00	57.75 2.65 0.00	52.61 2.21 0.00	45.47 1.71 0.00	39.74 1.34 0.00	35.72 1.11 0.00
EIGHT_POINT___WT_PWR 323820	29.97 -0.21 0.00	28.54 -0.20 0.00	27.13 -0.14 0.00	26.86 -0.13 0.00	28.41 0.00 0.00	32.91 0.07 0.00	45.39 0.09 0.00	55.55 0.44 0.00	48.62 0.10 0.00	40.63 0.99 0.00	36.83 1.18 0.00	35.18 1.09 0.00	34.33 1.00 0.00	34.16 0.93 0.00	34.74 0.88 0.00	35.75 0.60 0.00	40.83 0.00 0.00	50.88 -0.15 0.00	60.17 0.72 0.00	55.72 0.61 0.00	50.39 0.00 0.00	44.07 0.31 0.00	39.08 0.69 0.00	35.47 0.87 0.00
ELBRIDGE_115KV_TB2 80188	29.85 -0.33 0.00	28.40 -0.34 0.00	26.94 -0.33 0.00	26.67 -0.32 0.00	28.07 -0.34 0.00	32.52 -0.33 0.00	44.89 -0.41 0.00	54.78 -0.33 0.00	48.23 -0.29 0.00	39.64 0.00 0.00	35.69 0.04 0.00	34.09 0.00 0.00	33.27 -0.07 0.00	33.17 -0.07 0.00	33.76 -0.10 0.00	34.98 -0.18 0.00	40.46 -0.37 0.00	50.57 -0.46 0.00	59.28 -0.18 0.00	54.83 -0.28 0.00	49.89 -0.50 0.00	43.37 -0.39 0.00	38.09 -0.31 0.00	34.30 -0.31 0.00
ELEC_TRO_TEK 24086	32.08 1.90 0.00	30.30 1.55 0.00	28.77 1.50 0.00	28.45 1.46 0.00	30.00 1.59 0.00	34.49 1.64 0.00	46.98 1.68 0.00	56.24 1.87 0.74	50.21 1.70 0.01	40.07 0.91 0.48	36.69 1.03 0.00	35.32 1.23 0.00	34.63 1.30 0.00	34.66 1.43 0.00	35.29 1.42 0.00	36.53 1.37 0.00	42.42 1.59 0.00	52.97 1.94 0.00	62.67 3.21 0.00	57.37 2.26 0.00	52.21 1.81 0.00	45.30 1.53 0.00	39.47 1.07 0.00	35.72 1.11 0.00

ELLENBURG_WT_PWR 323604	28.58 -1.60 0.00	27.45 -1.29 0.00	26.04 -1.23 0.00	25.59 -1.40 0.00	26.93 -1.48 0.00	30.94 -1.91 0.00	42.53 -2.76 0.00	52.02 -3.09 0.00	45.85 -2.67 0.00	38.37 -1.27 0.00	34.55 -1.11 0.00	33.21 -0.89 0.00	32.80 -0.53 0.00	32.47 -0.76 0.00	33.09 -0.78 0.00	34.24 -0.91 0.00	40.14 -0.69 0.00	50.11 -0.92 0.00	58.03 -1.43 0.00	54.34 -0.77 0.00	50.19 -0.20 0.00	43.46 -0.30 0.00	39.04 0.65 0.00	35.20 0.59 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.00 -1.18 0.00	27.68 -1.06 0.00	26.29 -0.98 0.00	26.02 -0.97 0.00	27.25 -1.16 0.00	31.79 -1.05 0.00	43.31 -1.99 0.00	52.57 -2.54 0.00	46.04 -2.47 0.00	39.56 -0.08 0.00	36.12 0.46 0.00	34.60 0.51 0.00	33.70 0.37 0.00	33.73 0.50 0.00	34.17 0.30 0.00	34.70 -0.46 0.00	39.69 -1.14 0.00	48.94 -2.09 0.00	57.85 -1.61 0.00	53.35 -1.76 0.00	48.02 -2.37 0.00	42.14 -1.62 0.00	37.32 -1.07 0.00	34.23 -0.38 0.00
EMPIRE_CC_1 323656	31.06 0.88 0.00	29.55 0.80 0.00	28.03 0.76 0.00	27.75 0.75 0.00	29.21 0.79 0.00	33.76 0.92 0.00	46.52 1.22 0.00	56.54 1.43 0.00	49.68 1.16 0.00	40.15 0.51 0.00	36.12 0.46 0.00	34.53 0.44 0.00	33.80 0.47 0.00	33.80 0.56 0.00	34.44 0.58 0.00	35.82 0.67 0.00	41.81 0.98 0.00	52.35 1.32 0.00	61.42 1.96 0.00	56.43 1.32 0.00	51.50 1.11 0.00	44.68 0.92 0.00	39.16 0.77 0.00	35.30 0.69 0.00
EMPIRE_CC_2 323658	31.06 0.88 0.00	29.55 0.80 0.00	28.03 0.76 0.00	27.75 0.75 0.00	29.21 0.79 0.00	33.76 0.92 0.00	46.52 1.22 0.00	56.54 1.43 0.00	49.68 1.16 0.00	40.15 0.51 0.00	36.12 0.46 0.00	34.53 0.44 0.00	33.80 0.47 0.00	33.80 0.56 0.00	34.44 0.58 0.00	35.82 0.67 0.00	41.81 0.98 0.00	52.35 1.32 0.00	61.42 1.96 0.00	56.43 1.32 0.00	51.50 1.11 0.00	44.68 0.92 0.00	39.16 0.77 0.00	35.30 0.69 0.00
ENORWICH_115KV_TB1 80156	32.26 2.08 0.00	30.76 2.01 0.00	29.15 1.88 0.00	28.94 1.94 0.00	30.40 1.99 0.00	35.37 2.53 0.00	49.15 3.85 0.00	60.29 5.18 0.00	52.79 4.27 0.00	43.41 3.77 0.00	38.62 2.96 0.00	36.85 2.76 0.00	35.63 2.30 0.00	35.63 2.39 0.00	36.23 2.37 0.00	37.62 2.46 0.00	43.69 2.86 0.00	55.32 4.29 0.00	65.58 6.12 0.00	60.73 5.62 0.00	54.98 4.59 0.00	47.48 3.72 0.00	41.54 3.15 0.00	37.27 2.66 0.00
ERIE_ST__34_KV_TB1-2 80199	29.49 -0.69 0.00	28.11 -0.63 0.00	26.70 -0.57 0.00	26.45 -0.54 0.00	27.70 -0.71 0.00	32.39 -0.46 0.00	44.12 -1.18 0.00	53.62 -1.49 0.00	46.92 -1.60 0.00	40.27 0.63 0.00	36.69 1.03 0.00	35.11 1.02 0.00	34.23 0.90 0.00	34.26 1.03 0.00	34.68 0.81 0.00	35.26 0.11 0.00	40.38 -0.45 0.00	49.86 -1.17 0.00	58.92 -0.54 0.00	54.34 -0.77 0.00	48.83 -1.56 0.00	42.76 -1.01 0.00	37.82 -0.58 0.00	34.75 0.14 0.00
ERIE_WT_PWR 323693	29.28 -0.90 0.00	27.91 -0.83 0.00	26.50 -0.76 0.00	26.29 -0.70 0.00	27.84 -0.57 0.00	32.09 -0.75 0.00	43.98 -1.32 0.00	53.34 -1.77 0.00	46.82 -1.70 0.00	39.96 0.32 0.00	36.51 0.85 0.00	35.04 0.95 0.00	34.23 0.90 0.00	34.13 0.90 0.00	34.54 0.68 0.00	35.37 0.21 0.00	40.10 -0.73 0.00	49.45 -1.58 0.00	58.27 -1.19 0.00	53.90 -1.21 0.00	48.43 -1.97 0.00	42.63 -1.14 0.00	37.70 -0.69 0.00	34.64 0.03 0.00
ESPRGFLD_115KV_TB1 80157	31.78 1.60 0.00	30.30 1.55 0.00	28.69 1.42 0.00	28.42 1.43 0.00	29.97 1.56 0.00	34.75 1.91 0.00	48.11 2.81 0.00	58.58 3.47 0.00	51.38 2.86 0.00	41.94 2.30 0.00	37.33 1.68 0.00	35.59 1.50 0.00	34.70 1.37 0.00	34.63 1.40 0.00	35.39 1.52 0.00	36.88 1.72 0.00	43.08 2.25 0.00	54.19 3.16 0.00	63.80 4.34 0.00	58.91 3.80 0.00	53.52 3.12 0.00	46.35 2.58 0.00	40.47 2.07 0.00	36.41 1.80 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.72 0.54 0.00	29.26 0.52 0.00	27.73 0.46 0.00	27.48 0.49 0.00	28.89 0.48 0.00	33.54 0.69 0.00	46.43 1.13 0.00	56.76 1.65 0.00	49.78 1.26 0.00	40.91 1.27 0.00	36.73 1.07 0.00	35.01 0.92 0.00	34.13 0.80 0.00	34.06 0.83 0.00	34.68 0.81 0.00	35.97 0.81 0.00	41.73 0.90 0.00	52.31 1.28 0.00	61.54 2.08 0.00	56.87 1.76 0.00	51.65 1.26 0.00	44.81 1.05 0.00	39.35 0.96 0.00	35.41 0.80 0.00
ETNA____115KV_TB2 80207	30.72 0.54 0.00	29.26 0.52 0.00	27.73 0.46 0.00	27.48 0.49 0.00	28.89 0.48 0.00	33.54 0.69 0.00	46.43 1.13 0.00	56.76 1.65 0.00	49.78 1.26 0.00	40.91 1.27 0.00	36.73 1.07 0.00	35.01 0.92 0.00	34.13 0.80 0.00	34.06 0.83 0.00	34.68 0.81 0.00	35.97 0.81 0.00	41.73 0.90 0.00	52.31 1.28 0.00	61.54 2.08 0.00	56.87 1.76 0.00	51.65 1.26 0.00	44.81 1.05 0.00	39.35 0.96 0.00	35.41 0.80 0.00
EUCLID__115KV_TB2 356179	29.70 -0.48 0.00	28.28 -0.46 0.00	26.80 -0.46 0.00	26.56 -0.43 0.00	27.93 -0.48 0.00	32.35 -0.49 0.00	44.71 -0.59 0.00	54.50 -0.61 0.00	48.03 -0.49 0.00	39.44 -0.20 0.00	35.52 -0.14 0.00	33.92 -0.17 0.00	33.13 -0.20 0.00	33.03 -0.20 0.00	33.63 -0.24 0.00	34.84 -0.32 0.00	40.30 -0.53 0.00	50.37 -0.66 0.00	59.04 -0.42 0.00	54.56 -0.55 0.00	49.69 -0.71 0.00	43.19 -0.57 0.00	37.89 -0.50 0.00	34.16 -0.45 0.00
E_CANADA_CAP_HY 24051	32.14 1.96 0.00	30.64 1.90 0.00	28.96 1.69 0.00	28.69 1.70 0.00	30.29 1.87 0.00	35.18 2.33 0.00	48.74 3.44 0.00	59.30 4.19 0.00	51.77 3.25 0.00	41.90 2.26 0.00	37.09 1.43 0.00	35.28 1.19 0.00	34.50 1.17 0.00	34.40 1.16 0.00	35.29 1.42 0.00	36.91 1.76 0.00	43.53 2.69 0.00	54.86 3.83 0.00	64.69 5.23 0.00	59.63 4.52 0.00	54.17 3.78 0.00	46.92 3.15 0.00	40.93 2.53 0.00	36.86 2.25 0.00
E_CANADA_MHWK_HY 24050	30.27 0.09 0.00	28.80 0.06 0.00	27.32 0.05 0.00	27.07 0.08 0.00	28.47 0.06 0.00	32.94 0.10 0.00	45.48 0.18 0.00	55.39 0.28 0.00	48.81 0.29 0.00	39.84 0.20 0.00	35.77 0.11 0.00	34.19 0.10 0.00	33.40 0.07 0.00	33.30 0.07 0.00	33.90 0.03 0.00	35.19 0.04 0.00	40.91 0.08 0.00	51.29 0.26 0.00	60.05 0.59 0.00	55.60 0.49 0.00	50.84 0.45 0.00	44.16 0.39 0.00	38.78 0.38 0.00	34.96 0.35 0.00
E_FISHKILL__LBMP 23776	31.45 1.27 0.00	29.84 1.09 0.00	28.30 1.04 0.00	28.02 1.03 0.00	29.52 1.11 0.00	34.06 1.22 0.00	46.89 1.59 0.00	56.98 1.87 0.00	50.17 1.65 0.00	40.59 0.95 0.00	36.62 0.96 0.00	35.08 0.99 0.00	34.33 1.00 0.00	34.30 1.06 0.00	34.98 1.12 0.00	36.39 1.23 0.00	42.30 1.47 0.00	52.82 1.79 0.00	62.19 2.73 0.00	57.09 1.98 0.00	52.05 1.66 0.00	45.12 1.36 0.00	39.43 1.04 0.00	35.51 0.90 0.00
FALCON____SEABRD_CC1 323796	29.00 -1.18 0.00	27.80 -0.95 0.00	26.37 -0.90 0.00	25.99 -1.00 0.00	27.33 -1.08 0.00	31.50 -1.35 0.00	43.08 -2.22 0.00	52.69 -2.42 0.00	46.39 -2.13 0.00	38.81 -0.83 0.00	34.87 -0.78 0.00	33.44 -0.65 0.00	33.00 -0.33 0.00	32.70 -0.53 0.00	33.32 -0.54 0.00	34.53 -0.63 0.00	40.46 -0.37 0.00	50.32 -0.71 0.00	58.15 -1.31 0.00	54.45 -0.66 0.00	50.29 -0.10 0.00	43.55 -0.22 0.00	39.12 0.73 0.00	35.27 0.66 0.00

FALCON___SEABRD_CC2 323797	29.00 -1.18 0.00	27.80 -0.95 0.00	26.37 -0.90 0.00	25.99 -1.00 0.00	27.33 -1.08 0.00	31.50 -1.35 0.00	43.08 -2.22 0.00	52.69 -2.42 0.00	46.39 -2.13 0.00	38.81 -0.83 0.00	34.87 -0.78 0.00	33.44 -0.65 0.00	33.00 -0.33 0.00	32.70 -0.53 0.00	33.32 -0.54 0.00	34.53 -0.63 0.00	40.46 -0.37 0.00	50.32 -0.71 0.00	58.15 -1.31 0.00	54.45 -0.66 0.00	50.29 -0.10 0.00	43.55 -0.22 0.00	39.12 0.73 0.00	35.27 0.66 0.00
FAR ROCKAWAY___4 23548	32.38 2.20 0.00	30.61 1.87 0.00	29.01 1.75 0.00	28.72 1.73 0.00	30.29 1.88 0.00	34.85 2.00 0.00	47.56 2.26 0.00	57.37 2.65 0.39	50.80 2.28 0.00	40.78 1.39 0.25	37.16 1.50 0.00	35.73 1.64 0.00	35.00 1.67 0.00	35.06 1.83 0.00	35.69 1.83 0.00	36.95 1.79 0.00	42.91 2.08 0.00	53.68 2.65 0.00	63.56 4.10 0.00	58.20 3.09 0.00	52.91 2.52 0.00	45.91 2.14 0.00	39.93 1.54 0.00	36.10 1.49 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.93 1.75 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.40 1.40 0.00	29.89 1.48 0.00	34.46 1.61 0.00	47.47 2.17 0.00	57.70 2.59 0.00	50.85 2.33 0.00	41.23 1.59 0.00	37.26 1.60 0.00	35.73 1.64 0.00	35.00 1.67 0.00	34.96 1.73 0.00	35.66 1.79 0.00	37.09 1.93 0.00	43.00 2.16 0.00	53.63 2.60 0.00	63.20 3.75 0.00	57.98 2.87 0.00	52.81 2.42 0.00	45.78 2.01 0.00	39.97 1.57 0.00	35.96 1.35 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.93 1.75 0.00	30.21 1.47 0.00	28.71 1.45 0.00	28.40 1.40 0.00	29.89 1.48 0.00	34.49 1.64 0.00	47.47 2.17 0.00	57.70 2.59 0.00	50.85 2.33 0.00	41.23 1.59 0.00	37.26 1.60 0.00	35.73 1.64 0.00	35.00 1.67 0.00	34.96 1.73 0.00	35.66 1.79 0.00	37.09 1.93 0.00	43.00 2.16 0.00	53.63 2.60 0.00	63.20 3.75 0.00	57.98 2.87 0.00	52.81 2.42 0.00	45.78 2.01 0.00	39.97 1.57 0.00	35.96 1.35 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.90 1.72 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.46 1.61 0.00	47.47 2.17 0.00	57.70 2.59 0.00	50.80 2.28 0.00	41.19 1.55 0.00	37.26 1.60 0.00	35.73 1.64 0.00	35.00 1.67 0.00	34.96 1.73 0.00	35.66 1.79 0.00	37.09 1.93 0.00	43.00 2.16 0.00	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.76 2.37 0.00	45.73 1.97 0.00	39.93 1.54 0.00	35.96 1.35 0.00
FARRAGUT___LBMP 323566	31.90 1.72 0.00	30.18 1.44 0.00	28.66 1.39 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.80 2.28 0.00	41.19 1.55 0.00	37.23 1.57 0.00	35.69 1.60 0.00	34.97 1.63 0.00	34.93 1.69 0.00	35.62 1.76 0.00	37.06 1.90 0.00	42.96 2.12 0.00	53.53 2.50 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.69 1.93 0.00	39.93 1.54 0.00	35.92 1.32 0.00
FENNER___WINDPWR 24204	30.69 0.51 0.00	29.23 0.49 0.00	27.73 0.46 0.00	27.45 0.46 0.00	28.92 0.51 0.00	33.50 0.66 0.00	46.34 1.04 0.00	56.60 1.49 0.00	49.73 1.21 0.00	40.79 1.15 0.00	36.58 0.93 0.00	34.94 0.85 0.00	34.03 0.70 0.00	33.96 0.73 0.00	34.61 0.74 0.00	35.93 0.77 0.00	41.65 0.82 0.00	52.20 1.17 0.00	61.24 1.78 0.00	56.65 1.54 0.00	51.55 1.16 0.00	44.77 1.01 0.00	39.24 0.84 0.00	35.30 0.69 0.00
FIBERTEK___ENERGY 23856	29.97 -0.21 0.00	28.54 -0.20 0.00	27.05 -0.22 0.00	26.78 -0.22 0.00	28.18 -0.23 0.00	32.65 -0.20 0.00	45.12 -0.18 0.00	55.11 0.00 0.00	48.47 -0.05 0.00	39.84 0.20 0.00	35.87 0.21 0.00	34.26 0.17 0.00	33.43 0.10 0.00	33.33 0.10 0.00	33.90 0.03 0.00	35.12 -0.04 0.00	40.67 -0.16 0.00	50.83 -0.20 0.00	59.58 0.12 0.00	55.11 0.00 0.00	50.19 -0.20 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.47 -0.14 0.00
FITZPATRICK____ 23598	29.30 -0.88 0.00	27.91 -0.83 0.00	26.48 -0.79 0.00	26.21 -0.78 0.00	27.62 -0.80 0.00	31.93 -0.92 0.00	44.08 -1.22 0.00	53.73 -1.38 0.00	47.31 -1.21 0.00	38.81 -0.83 0.00	34.95 -0.71 0.00	33.37 -0.72 0.00	32.60 -0.73 0.00	32.50 -0.73 0.00	33.09 -0.78 0.00	34.35 -0.81 0.00	39.73 -1.10 0.00	49.65 -1.38 0.00	58.09 -1.37 0.00	53.73 -1.38 0.00	48.98 -1.41 0.00	42.58 -1.18 0.00	37.36 -1.03 0.00	33.71 -0.90 0.00
FLOWRFLD_69_KV_BK1 356044	32.69 2.50 0.00	30.81 2.07 0.00	29.20 1.94 0.00	28.88 1.89 0.00	30.51 2.10 0.00	34.88 2.04 0.00	46.66 1.36 0.00	53.26 0.88 2.73	49.66 1.16 0.02	38.14 0.28 1.78	36.29 0.64 0.01	35.18 1.09 0.00	34.53 1.20 0.00	34.73 1.50 0.00	35.25 1.39 0.00	36.28 1.13 0.00	42.34 1.51 0.00	52.66 1.63 0.00	62.61 3.15 0.00	57.15 2.04 0.00	51.90 1.51 0.00	45.38 1.62 0.00	39.28 0.88 0.00	35.86 1.25 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.63 1.45 0.00	29.98 1.24 0.00	28.50 1.23 0.00	28.18 1.19 0.00	29.72 1.31 0.00	34.32 1.48 0.00	47.38 2.08 0.00	57.64 2.54 0.00	50.65 2.13 0.00	40.87 1.23 0.00	36.84 1.18 0.00	35.15 1.06 0.00	34.43 1.10 0.00	34.36 1.13 0.00	35.08 1.22 0.00	36.49 1.34 0.00	42.59 1.76 0.00	53.33 2.30 0.00	62.85 3.39 0.00	57.75 2.65 0.00	52.66 2.27 0.00	45.56 1.79 0.00	39.77 1.38 0.00	35.79 1.18 0.00
FORT ORANGE____ 23900	30.69 0.51 0.00	29.23 0.49 0.00	27.70 0.43 0.00	27.40 0.41 0.00	28.84 0.43 0.00	33.40 0.56 0.00	46.16 0.86 0.00	56.05 0.94 0.00	49.20 0.68 0.00	39.80 0.16 0.00	35.66 0.00 0.00	34.06 -0.03 0.00	33.37 0.03 0.00	33.33 0.10 0.00	33.96 0.10 0.00	35.37 0.21 0.00	41.36 0.53 0.00	51.90 0.87 0.00	60.88 1.42 0.00	55.99 0.88 0.00	51.10 0.71 0.00	44.33 0.57 0.00	38.78 0.38 0.00	34.96 0.35 0.00
FORT_DRUM_COGEN 23780	30.27 0.09 0.00	28.86 0.11 0.00	27.35 0.08 0.00	27.13 0.13 0.00	28.53 0.11 0.00	33.04 0.20 0.00	45.80 0.50 0.00	55.94 0.83 0.00	49.10 0.58 0.00	40.31 0.67 0.00	35.80 0.14 0.00	34.13 0.03 0.00	33.10 -0.23 0.00	33.10 -0.13 0.00	33.83 -0.03 0.00	35.19 0.04 0.00	40.91 0.08 0.00	51.74 0.71 0.00	60.82 1.37 0.00	56.54 1.43 0.00	51.45 1.06 0.00	44.90 1.14 0.00	39.35 0.96 0.00	35.23 0.62 0.00
FOX_HILLS___ESR 323835	31.91 1.72 -0.01	30.28 1.52 -0.01	28.78 1.50 -0.01	28.46 1.46 -0.01	29.95 1.53 -0.01	34.50 1.64 -0.01	47.29 1.99 0.00	49.76 2.37 7.72	43.83 2.13 6.82	41.02 1.39 0.01	37.13 1.46 -0.01	35.60 1.50 -0.01	34.87 1.53 -0.01	34.84 1.60 -0.01	35.56 1.69 -0.01	36.99 1.83 -0.01	40.34 2.08 2.57	47.37 2.35 6.01	58.72 3.51 4.24	53.49 2.65 4.26	48.33 2.17 4.23	45.65 1.88 -0.01	39.94 1.54 -0.01	35.93 1.32 -0.01
FPL FAR_ROCK_GT1 24212	32.39 2.20 -0.01	30.61 1.87 0.00	29.01 1.75 0.00	28.69 1.70 0.00	30.29 1.87 0.00	34.85 2.00 0.00	47.47 2.17 0.00	57.36 2.65 0.39	50.69 2.19 0.01	40.73 1.35 0.26	37.08 1.43 0.01	35.63 1.54 0.00	34.83 1.50 0.00	34.83 1.60 0.00	35.59 1.73 0.00	36.88 1.72 0.00	42.91 2.08 0.00	53.68 2.65 0.00	63.44 3.98 0.00	58.19 3.08 0.00	52.91 2.52 0.00	45.91 2.14 0.00	39.89 1.50 0.00	36.03 1.42 0.00

FPL FAR_ROCK_GT2 23815	32.39 2.20 -0.01	30.61 1.87 0.00	29.01 1.75 0.00	28.69 1.70 0.00	30.29 1.87 0.00	34.85 2.00 0.00	47.47 2.17 0.00	57.36 2.65 0.39	50.69 2.19 0.01	40.73 1.35 0.26	37.08 1.43 0.01	35.63 1.54 0.00	34.83 1.50 0.00	34.83 1.60 0.00	35.59 1.73 0.00	36.88 1.72 0.00	42.91 2.08 0.00	53.68 2.65 0.00	63.44 3.98 0.00	58.19 3.08 0.00	52.91 2.52 0.00	45.91 2.14 0.00	39.89 1.50 0.00	36.03 1.42 0.00
FRANKLIN_FALL_HYD 24054	29.58 -0.60 0.00	28.31 -0.43 0.00	26.83 -0.44 0.00	26.56 -0.43 0.00	27.96 -0.45 0.00	32.19 -0.66 0.00	44.26 -1.04 0.00	53.84 -1.27 0.00	47.31 -1.21 0.00	39.17 -0.48 0.00	35.02 -0.64 0.00	33.44 -0.65 0.00	32.80 -0.53 0.00	32.54 -0.70 0.00	33.22 -0.64 0.00	34.45 -0.70 0.00	40.34 -0.49 0.00	50.83 -0.20 0.00	58.39 -1.07 0.00	54.67 -0.44 0.00	50.39 0.00 0.00	44.11 0.35 0.00	39.20 0.81 0.00	35.23 0.62 0.00
FREEPORT_EQUS_GT1 23764	32.30 2.11 -0.01	30.50 1.75 0.00	28.93 1.66 0.00	28.61 1.62 0.00	30.20 1.79 0.00	34.65 1.81 0.00	46.88 1.58 0.00	55.30 1.82 1.62	50.01 1.51 0.02	39.37 0.79 1.06	36.50 0.85 0.01	35.25 1.16 0.00	34.47 1.13 0.00	34.46 1.23 0.00	35.22 1.36 0.00	36.49 1.34 0.00	42.47 1.63 0.00	52.71 1.68 0.00	62.31 2.85 0.00	57.09 1.98 0.00	52.10 1.71 0.00	45.38 1.62 0.00	39.39 1.00 0.00	35.68 1.07 0.00
FREEPORT___CT2 23818	32.30 2.11 -0.01	30.50 1.75 0.00	28.93 1.66 0.00	28.61 1.62 0.00	30.20 1.79 0.00	34.65 1.81 0.00	46.88 1.58 0.00	55.30 1.82 1.62	50.01 1.51 0.02	39.37 0.79 1.06	36.50 0.85 0.01	35.25 1.16 0.00	34.47 1.13 0.00	34.46 1.23 0.00	35.22 1.36 0.00	36.49 1.34 0.00	42.47 1.63 0.00	52.71 1.68 0.00	62.31 2.85 0.00	57.09 1.98 0.00	52.10 1.71 0.00	45.38 1.62 0.00	39.39 1.00 0.00	35.68 1.07 0.00
FRESHKLS_33_KV_LOAD 356253	31.88 1.69 -0.01	30.28 1.52 -0.01	28.78 1.50 -0.01	28.49 1.48 -0.01	29.98 1.56 -0.01	34.50 1.64 -0.01	47.20 1.90 0.00	49.70 2.31 7.72	43.79 2.09 6.82	40.98 1.35 0.01	37.09 1.43 -0.01	35.57 1.47 -0.01	34.81 1.47 -0.01	34.80 1.56 -0.01	35.50 1.63 -0.01	36.92 1.76 -0.01	40.26 2.00 2.57	47.32 2.30 6.01	58.72 3.51 4.24	53.44 2.59 4.26	48.33 2.17 4.23	45.61 1.84 -0.01	39.86 1.46 -0.01	35.90 1.28 -0.01
FULTON COGEN____ 23766	29.67 -0.51 0.00	28.26 -0.49 0.00	26.78 -0.49 0.00	26.53 -0.46 0.00	27.90 -0.51 0.00	32.35 -0.49 0.00	44.71 -0.59 0.00	54.56 -0.55 0.00	48.03 -0.49 0.00	39.44 -0.20 0.00	35.48 -0.18 0.00	33.89 -0.20 0.00	33.07 -0.27 0.00	32.97 -0.27 0.00	33.56 -0.30 0.00	34.77 -0.39 0.00	40.30 -0.53 0.00	50.37 -0.66 0.00	59.04 -0.42 0.00	54.56 -0.55 0.00	49.69 -0.71 0.00	43.19 -0.57 0.00	37.89 -0.50 0.00	34.12 -0.48 0.00
FULTON___LFGE 323630	32.14 1.96 0.00	30.64 1.90 0.00	28.96 1.69 0.00	28.69 1.70 0.00	30.29 1.87 0.00	35.18 2.33 0.00	48.70 3.40 0.00	59.24 4.14 0.00	51.77 3.25 0.00	41.90 2.26 0.00	37.16 1.50 0.00	35.35 1.26 0.00	34.63 1.30 0.00	34.53 1.29 0.00	35.35 1.49 0.00	36.98 1.83 0.00	43.53 2.69 0.00	54.86 3.83 0.00	64.63 5.17 0.00	59.57 4.46 0.00	54.12 3.73 0.00	46.92 3.15 0.00	40.93 2.53 0.00	36.86 2.25 0.00
G.F.CEMENT___DRP 24184	31.54 1.36 0.00	30.07 1.32 0.00	28.41 1.15 0.00	28.13 1.13 0.00	29.69 1.28 0.00	34.39 1.54 0.00	47.56 2.26 0.00	57.87 2.76 0.00	50.80 2.28 0.00	41.15 1.51 0.00	36.80 1.14 0.00	35.11 1.02 0.00	34.37 1.03 0.00	34.30 1.06 0.00	34.91 1.05 0.00	36.39 1.23 0.00	42.63 1.80 0.00	53.63 2.60 0.00	63.02 3.57 0.00	57.98 2.87 0.00	52.81 2.42 0.00	45.78 2.01 0.00	40.00 1.61 0.00	36.03 1.42 0.00
GARDENVILLE___LBMP 24039	29.15 -1.03 0.00	27.82 -0.92 0.00	26.42 -0.85 0.00	26.16 -0.84 0.00	27.39 -1.02 0.00	31.99 -0.85 0.00	43.58 -1.72 0.00	52.96 -2.15 0.00	46.34 -2.18 0.00	39.84 0.20 0.00	36.30 0.64 0.00	34.77 0.68 0.00	33.90 0.57 0.00	33.93 0.70 0.00	34.34 0.47 0.00	34.91 -0.25 0.00	39.93 -0.90 0.00	49.30 -1.74 0.00	58.21 -1.25 0.00	53.73 -1.38 0.00	48.28 -2.12 0.00	42.36 -1.40 0.00	37.51 -0.88 0.00	34.40 -0.21 0.00
GARDNVLA_35_KV_LD 355827	29.31 -0.88 0.00	27.94 -0.80 0.00	26.53 -0.74 0.00	26.26 -0.73 0.00	27.50 -0.91 0.00	32.12 -0.72 0.00	43.76 -1.54 0.00	53.18 -1.93 0.00	46.53 -1.99 0.00	40.00 0.36 0.00	36.51 0.86 0.00	34.98 0.89 0.00	34.07 0.73 0.00	34.13 0.90 0.00	34.54 0.68 0.00	35.05 -0.11 0.00	40.14 -0.69 0.00	49.50 -1.53 0.00	58.45 -1.01 0.00	53.95 -1.16 0.00	48.48 -1.91 0.00	42.54 -1.23 0.00	37.66 -0.73 0.00	34.54 -0.07 0.00
GELCKHM___115KV_LOAD 80723	29.79 -0.39 0.00	28.37 -0.37 0.00	26.89 -0.38 0.00	26.64 -0.35 0.00	28.01 -0.40 0.00	32.45 -0.39 0.00	44.85 -0.45 0.00	54.72 -0.39 0.00	48.18 -0.34 0.00	39.60 -0.04 0.00	35.62 -0.04 0.00	34.06 -0.03 0.00	33.23 -0.10 0.00	33.13 -0.10 0.00	33.73 -0.14 0.00	34.95 -0.21 0.00	40.46 -0.37 0.00	50.52 -0.51 0.00	59.22 -0.24 0.00	54.72 -0.39 0.00	49.84 -0.55 0.00	43.33 -0.44 0.00	38.01 -0.38 0.00	34.26 -0.35 0.00
GENERAL___MILLS 23808	29.24 -0.94 0.00	27.88 -0.86 0.00	26.50 -0.76 0.00	26.24 -0.76 0.00	27.47 -0.94 0.00	32.06 -0.79 0.00	43.71 -1.59 0.00	53.07 -2.04 0.00	46.48 -2.04 0.00	39.92 0.28 0.00	36.44 0.78 0.00	34.88 0.78 0.00	34.00 0.67 0.00	34.03 0.80 0.00	34.44 0.58 0.00	34.98 -0.18 0.00	40.06 -0.78 0.00	49.40 -1.63 0.00	58.39 -1.07 0.00	53.84 -1.27 0.00	48.43 -1.97 0.00	42.45 -1.31 0.00	37.59 -0.81 0.00	34.51 -0.10 0.00
GE_PLASTICS___DRP 24183	30.66 0.48 0.00	29.20 0.46 0.00	27.68 0.41 0.00	27.40 0.40 0.00	28.87 0.45 0.00	33.34 0.49 0.00	46.07 0.77 0.00	55.88 0.77 0.00	49.15 0.63 0.00	39.80 0.16 0.00	35.73 0.07 0.00	34.13 0.03 0.00	33.43 0.10 0.00	33.37 0.13 0.00	34.00 0.14 0.00	35.44 0.28 0.00	41.32 0.49 0.00	51.74 0.71 0.00	60.70 1.25 0.00	55.88 0.77 0.00	51.00 0.60 0.00	44.25 0.48 0.00	38.74 0.35 0.00	34.92 0.31 0.00
GILBOA___1 23756	30.78 0.60 0.00	29.38 0.63 0.00	27.87 0.60 0.00	27.59 0.59 0.00	28.95 0.54 0.00	33.47 0.62 0.00	46.12 0.82 0.00	55.94 0.83 0.00	49.15 0.63 0.00	40.08 0.44 0.00	36.09 0.43 0.00	34.50 0.41 0.00	33.74 0.40 0.00	33.70 0.47 0.00	34.34 0.47 0.00	35.69 0.53 0.00	41.53 0.69 0.00	51.69 0.66 0.00	60.64 1.19 0.00	55.88 0.77 0.00	51.05 0.65 0.00	44.38 0.61 0.00	38.85 0.46 0.00	35.03 0.42 0.00
GILBOA___2 23757	30.78 0.60 0.00	29.38 0.63 0.00	27.87 0.60 0.00	27.59 0.59 0.00	28.95 0.54 0.00	33.47 0.62 0.00	46.12 0.82 0.00	55.94 0.83 0.00	49.15 0.63 0.00	40.08 0.44 0.00	36.09 0.43 0.00	34.50 0.41 0.00	33.74 0.40 0.00	33.70 0.47 0.00	34.34 0.47 0.00	35.69 0.53 0.00	41.53 0.69 0.00	51.69 0.66 0.00	60.64 1.19 0.00	55.88 0.77 0.00	51.05 0.65 0.00	44.38 0.61 0.00	38.85 0.46 0.00	35.03 0.42 0.00

GILBOA___3 23758	30.78 0.60 0.00	29.38 0.63 0.00	27.87 0.60 0.00	27.59 0.59 0.00	28.95 0.54 0.00	33.47 0.62 0.00	46.12 0.82 0.00	55.94 0.83 0.00	49.15 0.63 0.00	40.08 0.44 0.00	36.09 0.43 0.00	34.50 0.41 0.00	33.74 0.40 0.00	33.70 0.47 0.00	34.34 0.47 0.00	35.69 0.53 0.00	41.53 0.69 0.00	51.69 0.66 0.00	60.64 1.19 0.00	55.88 0.77 0.00	51.05 0.65 0.00	44.38 0.61 0.00	38.85 0.46 0.00	35.03 0.42 0.00
GILBOA___4 23759	30.78 0.60 0.00	29.38 0.63 0.00	27.87 0.60 0.00	27.59 0.59 0.00	28.95 0.54 0.00	33.47 0.62 0.00	46.12 0.82 0.00	55.94 0.83 0.00	49.15 0.63 0.00	40.08 0.44 0.00	36.09 0.43 0.00	34.50 0.41 0.00	33.74 0.40 0.00	33.70 0.47 0.00	34.34 0.47 0.00	35.69 0.53 0.00	41.53 0.69 0.00	51.69 0.66 0.00	60.64 1.19 0.00	55.88 0.77 0.00	51.05 0.65 0.00	44.38 0.61 0.00	38.85 0.46 0.00	35.03 0.42 0.00
GILBOA___ 23599	30.78 0.60 0.00	29.38 0.63 0.00	27.87 0.60 0.00	27.59 0.59 0.00	29.07 0.65 0.00	33.47 0.62 0.00	46.11 0.82 0.00	55.94 0.83 0.00	49.20 0.68 0.00	40.08 0.44 0.00	36.09 0.43 0.00	34.50 0.41 0.00	33.77 0.43 0.00	33.70 0.47 0.00	34.34 0.47 0.00	35.72 0.56 0.00	41.53 0.69 0.00	51.69 0.66 0.00	60.47 1.01 0.00	55.88 0.77 0.00	51.05 0.66 0.00	44.42 0.66 0.00	38.89 0.50 0.00	35.02 0.42 0.00
GINNA___ 23603	30.00 -0.18 0.00	28.57 -0.17 0.00	27.11 -0.16 0.00	26.83 -0.16 0.00	28.36 -0.06 0.00	32.81 -0.03 0.00	45.34 0.05 0.00	55.55 0.44 0.00	49.54 1.02 0.00	41.19 1.54 0.00	37.27 1.61 0.00	35.59 1.50 0.00	34.67 1.33 0.00	34.43 1.19 0.00	34.98 1.12 0.00	36.14 0.98 0.00	41.28 0.45 0.00	51.44 0.41 0.00	60.64 1.19 0.00	56.05 0.94 0.00	50.65 0.25 0.00	44.20 0.44 0.00	38.78 0.38 0.00	35.13 0.52 0.00
GLEN PARK___ 23778	30.45 0.27 0.00	29.03 0.29 0.00	27.51 0.24 0.00	27.26 0.27 0.00	28.72 0.31 0.00	33.24 0.40 0.00	46.12 0.82 0.00	56.32 1.21 0.00	49.44 0.92 0.00	40.55 0.91 0.00	36.02 0.36 0.00	34.30 0.21 0.00	33.30 -0.03 0.00	33.27 0.03 0.00	34.00 0.14 0.00	35.37 0.21 0.00	41.12 0.29 0.00	52.10 1.07 0.00	61.30 1.85 0.00	56.98 1.87 0.00	51.85 1.46 0.00	45.21 1.44 0.00	39.58 1.19 0.00	35.44 0.83 0.00
GLENDALE_27_KV_LOAD 356172	32.15 1.96 -0.01	30.42 1.67 -0.01	28.88 1.61 -0.01	28.59 1.59 -0.01	30.10 1.68 -0.01	34.73 1.87 -0.01	47.79 2.49 0.00	58.09 2.98 0.00	51.20 2.67 -0.01	41.51 1.86 -0.01	44.03 1.89 -6.48	44.70 1.88 -8.73	44.72 1.90 -9.49	44.76 1.99 -9.53	45.36 2.03 -9.47	45.37 2.18 -8.03	45.41 2.49 -2.08	54.04 3.01 0.00	63.68 4.22 0.00	58.42 3.31 0.00	53.16 2.77 0.00	46.09 2.32 -0.01	40.28 1.88 -0.01	36.24 1.63 -0.01
GLENWOOD_IC_1_G5 23712	32.23 2.05 0.00	30.47 1.72 0.00	28.90 1.64 0.00	28.59 1.59 0.00	30.14 1.73 0.00	34.65 1.81 0.00	47.11 1.81 0.00	56.06 2.04 1.09	50.35 1.84 0.01	39.92 0.99 0.71	36.83 1.18 0.00	35.49 1.40 0.00	34.77 1.43 0.00	34.83 1.60 0.00	35.45 1.59 0.00	36.67 1.51 0.00	42.59 1.76 0.00	53.22 2.19 0.00	63.02 3.57 0.00	57.64 2.54 0.00	52.46 2.07 0.00	45.51 1.75 0.00	39.58 1.19 0.00	35.82 1.21 0.00
GLENWOOD_IC_2_G1 23688	32.15 1.96 -0.01	30.38 1.64 0.00	28.82 1.55 0.00	28.50 1.51 0.00	30.09 1.68 0.00	34.55 1.71 0.00	46.93 1.63 0.00	56.76 1.98 0.33	50.16 1.65 0.01	40.37 0.95 0.22	36.65 1.00 0.01	35.28 1.19 0.00	34.53 1.20 0.00	34.53 1.29 0.00	35.25 1.39 0.00	36.57 1.41 0.00	42.55 1.71 0.00	53.12 2.09 0.00	62.72 3.27 0.00	57.53 2.42 0.00	52.35 1.96 0.00	45.43 1.66 0.00	39.47 1.07 0.00	35.68 1.07 0.00
GLENWOOD_IC_3_G1 23689	32.15 1.96 -0.01	30.38 1.64 0.00	28.82 1.55 0.00	28.50 1.51 0.00	30.09 1.68 0.00	34.55 1.71 0.00	46.93 1.63 0.00	56.76 1.98 0.33	50.16 1.65 0.01	40.37 0.95 0.22	36.65 1.00 0.01	35.28 1.19 0.00	34.53 1.20 0.00	34.53 1.29 0.00	35.25 1.39 0.00	36.57 1.41 0.00	42.55 1.71 0.00	53.12 2.09 0.00	62.72 3.27 0.00	57.53 2.42 0.00	52.35 1.96 0.00	45.43 1.66 0.00	39.47 1.07 0.00	35.68 1.07 0.00
GLENWOOD___4 23550	32.23 2.05 0.00	30.47 1.72 0.00	28.90 1.64 0.00	28.59 1.59 0.00	30.14 1.73 0.00	34.65 1.81 0.00	47.11 1.81 0.00	56.06 2.04 1.09	50.35 1.84 0.01	39.92 0.99 0.71	36.83 1.18 0.00	35.49 1.40 0.00	34.77 1.43 0.00	34.83 1.60 0.00	35.45 1.59 0.00	36.67 1.51 0.00	42.59 1.76 0.00	53.22 2.19 0.00	63.02 3.57 0.00	57.64 2.54 0.00	52.46 2.07 0.00	45.51 1.75 0.00	39.58 1.19 0.00	35.82 1.21 0.00
GLENWOOD___5 23614	32.23 2.05 0.00	30.47 1.72 0.00	28.90 1.64 0.00	28.59 1.59 0.00	30.14 1.73 0.00	34.65 1.81 0.00	47.11 1.81 0.00	56.06 2.04 1.09	50.35 1.84 0.01	39.92 0.99 0.71	36.83 1.18 0.00	35.49 1.40 0.00	34.77 1.43 0.00	34.83 1.60 0.00	35.45 1.59 0.00	36.67 1.51 0.00	42.59 1.76 0.00	53.22 2.19 0.00	63.02 3.57 0.00	57.64 2.54 0.00	52.46 2.07 0.00	45.51 1.75 0.00	39.58 1.19 0.00	35.82 1.21 0.00
GLOBAL GREEN_PORT_GT1 23814	32.54 2.36 -0.01	30.64 1.90 0.00	29.04 1.77 0.00	28.69 1.70 0.00	30.37 1.96 0.00	34.75 1.90 0.00	46.43 1.13 0.00	53.47 1.16 2.79	49.41 0.92 0.03	38.02 0.20 1.82	36.29 0.64 0.02	35.11 1.02 0.00	34.33 1.00 0.00	34.43 1.19 0.00	35.32 1.46 0.00	36.57 1.41 0.00	42.79 1.96 0.00	53.43 2.40 0.00	63.44 3.98 0.00	57.86 2.75 0.00	52.46 2.07 0.00	45.82 2.06 0.00	39.51 1.11 0.00	35.99 1.39 0.00
GLOBE___DSASP 323697	28.22 -1.96 0.00	26.93 -1.81 0.00	25.58 -1.69 0.00	25.32 -1.67 0.00	26.48 -1.93 0.00	30.87 -1.97 0.00	41.90 -3.40 0.00	50.81 -4.30 0.00	44.44 -4.08 0.00	38.25 -1.39 0.00	34.98 -0.68 0.00	33.55 -0.55 0.00	32.70 -0.63 0.00	32.70 -0.53 0.00	33.12 -0.74 0.00	33.61 -1.55 0.00	38.42 -2.41 0.00	47.36 -3.67 0.00	56.01 -3.45 0.00	51.69 -3.42 0.00	46.51 -3.88 0.00	40.96 -2.80 0.00	36.32 -2.07 0.00	33.29 -1.32 0.00
GOETHSLN___LBMP 323567	31.75 1.57 0.00	30.04 1.29 0.00	28.55 1.28 0.00	28.23 1.24 0.00	29.72 1.31 0.00	34.29 1.45 0.00	47.16 1.86 0.00	49.54 2.15 7.72	43.65 1.94 6.81	40.95 1.31 0.00	37.09 1.43 0.00	35.56 1.47 0.00	34.80 1.47 0.00	34.80 1.56 0.00	35.49 1.63 0.00	36.92 1.76 0.00	40.15 1.88 2.56	47.22 2.19 6.00	58.49 3.27 4.23	53.28 2.42 4.25	48.18 2.02 4.23	45.47 1.71 0.00	39.74 1.34 0.00	35.79 1.18 0.00
GOLAH___69_KV_TB 1_2 80279	29.61 -0.57 0.00	28.20 -0.55 0.00	26.75 -0.52 0.00	26.48 -0.51 0.00	27.76 -0.65 0.00	32.35 -0.49 0.00	44.30 -1.00 0.00	54.12 -0.99 0.00	47.89 -0.63 0.00	40.16 0.52 0.00	36.41 0.75 0.00	34.77 0.68 0.00	33.87 0.53 0.00	33.77 0.53 0.00	34.24 0.37 0.00	35.19 0.04 0.00	40.26 -0.57 0.00	50.01 -1.02 0.00	59.16 -0.30 0.00	54.67 -0.44 0.00	49.38 -1.01 0.00	43.11 -0.66 0.00	37.97 -0.42 0.00	34.57 -0.03 0.00

GOODYEAR_LAKE_HYD 323669	31.36 1.18 0.00	29.87 1.12 0.00	28.33 1.06 0.00	28.07 1.08 0.00	29.55 1.14 0.00	34.19 1.35 0.00	47.25 1.95 0.00	57.59 2.48 0.00	50.61 2.09 0.00	41.42 1.78 0.00	37.09 1.43 0.00	35.46 1.36 0.00	34.53 1.20 0.00	34.46 1.23 0.00	35.12 1.25 0.00	36.49 1.34 0.00	42.47 1.63 0.00	53.22 2.19 0.00	62.55 3.09 0.00	57.75 2.65 0.00	52.56 2.17 0.00	45.51 1.75 0.00	39.81 1.42 0.00	35.82 1.21 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.33 0.15 0.00	28.89 0.14 0.00	27.40 0.14 0.00	27.15 0.16 0.00	28.55 0.14 0.00	33.11 0.26 0.00	45.62 0.32 0.00	55.55 0.44 0.00	48.81 0.29 0.00	40.35 0.71 0.00	36.30 0.64 0.00	34.67 0.58 0.00	33.87 0.53 0.00	33.77 0.53 0.00	34.37 0.51 0.00	35.54 0.39 0.00	41.12 0.29 0.00	51.39 0.36 0.00	60.35 0.89 0.00	55.77 0.66 0.00	50.64 0.25 0.00	44.03 0.26 0.00	38.66 0.27 0.00	34.92 0.31 0.00
GOUDEY___7 23579	30.33 0.15 0.00	28.89 0.14 0.00	27.40 0.14 0.00	27.15 0.16 0.00	28.55 0.14 0.00	33.11 0.26 0.00	45.62 0.32 0.00	55.55 0.44 0.00	48.81 0.29 0.00	40.35 0.71 0.00	36.30 0.64 0.00	34.67 0.58 0.00	33.87 0.53 0.00	33.77 0.53 0.00	34.37 0.51 0.00	35.54 0.39 0.00	41.12 0.29 0.00	51.39 0.36 0.00	60.35 0.89 0.00	55.77 0.66 0.00	50.64 0.25 0.00	44.03 0.26 0.00	38.66 0.27 0.00	34.92 0.31 0.00
GOUDEY___8 23580	30.33 0.15 0.00	28.89 0.14 0.00	27.40 0.14 0.00	27.15 0.16 0.00	28.55 0.14 0.00	33.11 0.26 0.00	45.62 0.32 0.00	55.55 0.44 0.00	48.81 0.29 0.00	40.35 0.71 0.00	36.30 0.64 0.00	34.67 0.58 0.00	33.87 0.53 0.00	33.77 0.53 0.00	34.37 0.51 0.00	35.54 0.39 0.00	41.12 0.29 0.00	51.39 0.36 0.00	60.35 0.89 0.00	55.77 0.66 0.00	50.64 0.25 0.00	44.03 0.26 0.00	38.66 0.27 0.00	34.92 0.31 0.00
GOWANUS_GT1_1 24077	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.57 1.57 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.66 2.36 0.00	57.92 2.81 0.00	51.05 2.52 -0.01	41.39 1.74 -0.01	43.93 1.78 -6.48	44.63 1.81 -8.73	44.66 1.83 -9.49	44.66 1.89 -9.53	45.30 1.96 -9.47	45.30 2.11 -8.03	45.32 2.41 -2.08	53.84 2.81 0.00	63.50 4.04 0.00	58.25 3.14 0.00	53.01 2.62 0.00	46.05 2.28 -0.01	40.20 1.80 -0.01	36.17 1.56 -0.01
GOWANUS_GT1_2 24078	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.57 1.57 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.66 2.36 0.00	57.92 2.81 0.00	51.05 2.52 -0.01	41.39 1.74 -0.01	43.93 1.78 -6.48	44.63 1.81 -8.73	44.66 1.83 -9.49	44.66 1.89 -9.53	45.30 1.96 -9.47	45.30 2.11 -8.03	45.32 2.41 -2.08	53.84 2.81 0.00	63.50 4.04 0.00	58.25 3.14 0.00	53.01 2.62 0.00	46.05 2.28 -0.01	40.20 1.80 -0.01	36.17 1.56 -0.01
GOWANUS_GT1_3 24079	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.57 1.57 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.66 2.36 0.00	57.92 2.81 0.00	51.05 2.52 -0.01	41.39 1.74 -0.01	43.93 1.78 -6.48	44.63 1.81 -8.73	44.66 1.83 -9.49	44.66 1.89 -9.53	45.30 1.96 -9.47	45.30 2.11 -8.03	45.32 2.41 -2.08	53.84 2.81 0.00	63.50 4.04 0.00	58.25 3.14 0.00	53.01 2.62 0.00	46.05 2.28 -0.01	40.20 1.80 -0.01	36.17 1.56 -0.01
GOWANUS_GT1_4 24080	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.57 1.57 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.66 2.36 0.00	57.92 2.81 0.00	51.05 2.52 -0.01	41.39 1.74 -0.01	43.93 1.78 -6.48	44.63 1.81 -8.73	44.66 1.83 -9.49	44.66 1.89 -9.53	45.30 1.96 -9.47	45.30 2.11 -8.03	45.32 2.41 -2.08	53.84 2.81 0.00	63.50 4.04 0.00	58.25 3.14 0.00	53.01 2.62 0.00	46.05 2.28 -0.01	40.20 1.80 -0.01	36.17 1.56 -0.01
GOWANUS_GT1_5 24084	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.57 1.57 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.66 2.36 0.00	57.92 2.81 0.00	51.05 2.52 -0.01	41.39 1.74 -0.01	43.93 1.78 -6.48	44.63 1.81 -8.73	44.66 1.83 -9.49	44.66 1.89 -9.53	45.30 1.96 -9.47	45.30 2.11 -8.03	45.32 2.41 -2.08	53.84 2.81 0.00	63.50 4.04 0.00	58.25 3.14 0.00	53.01 2.62 0.00	46.05 2.28 -0.01	40.20 1.80 -0.01	36.17 1.56 -0.01
GOWANUS_GT1_6 24111	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.57 1.57 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.66 2.36 0.00	57.92 2.81 0.00	51.05 2.52 -0.01	41.39 1.74 -0.01	43.93 1.78 -6.48	44.63 1.81 -8.73	44.66 1.83 -9.49	44.66 1.89 -9.53	45.30 1.96 -9.47	45.30 2.11 -8.03	45.32 2.41 -2.08	53.84 2.81 0.00	63.50 4.04 0.00	58.25 3.14 0.00	53.01 2.62 0.00	46.05 2.28 -0.01	40.20 1.80 -0.01	36.17 1.56 -0.01
GOWANUS_GT1_7 24112	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.57 1.57 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.66 2.36 0.00	57.92 2.81 0.00	51.05 2.52 -0.01	41.39 1.74 -0.01	43.93 1.78 -6.48	44.63 1.81 -8.73	44.66 1.83 -9.49	44.66 1.89 -9.53	45.30 1.96 -9.47	45.30 2.11 -8.03	45.32 2.41 -2.08	53.84 2.81 0.00	63.50 4.04 0.00	58.25 3.14 0.00	53.01 2.62 0.00	46.05 2.28 -0.01	40.20 1.80 -0.01	36.17 1.56 -0.01
GOWANUS_GT1_8 24113	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.57 1.57 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.66 2.36 0.00	57.92 2.81 0.00	51.05 2.52 -0.01	41.39 1.74 -0.01	43.93 1.78 -6.48	44.63 1.81 -8.73	44.66 1.83 -9.49	44.66 1.89 -9.53	45.30 1.96 -9.47	45.30 2.11 -8.03	45.32 2.41 -2.08	53.84 2.81 0.00	63.50 4.04 0.00	58.25 3.14 0.00	53.01 2.62 0.00	46.05 2.28 -0.01	40.20 1.80 -0.01	36.17 1.56 -0.01
GOWANUS_GT2_1 24114	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
GOWANUS_GT2_2 24115	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
GOWANUS_GT2_3 24116	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01

GOWANUS_GT2_4 24117	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
GOWANUS_GT2_5 24118	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
GOWANUS_GT2_6 24119	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
GOWANUS_GT2_7 24120	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
GOWANUS_GT2_8 24121	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
GOWANUS_GT3_1 24122	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
GOWANUS_GT3_2 24123	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
GOWANUS_GT3_3 24124	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
GOWANUS_GT3_4 24125	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
GOWANUS_GT3_5 24126	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
GOWANUS_GT3_6 24127	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
GOWANUS_GT3_7 24128	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
GOWANUS_GT3_8 24129	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
GOWANUS_GT4_1 24130	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.52 2.22 0.00	57.75 2.65 0.00	50.95 2.43 -0.01	41.27 1.63 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.32 3.86 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.07 1.45 -0.01
GOWANUS_GT4_2 24131	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.52 2.22 0.00	57.75 2.65 0.00	50.95 2.43 -0.01	41.27 1.63 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.32 3.86 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.07 1.45 -0.01

GOWANUS_GT4_3 24132	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.52 2.22 0.00	57.75 2.65 0.00	50.95 2.43 -0.01	41.27 1.63 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.32 3.86 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.07 1.45 -0.01
GOWANUS_GT4_4 24133	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.52 2.22 0.00	57.75 2.65 0.00	50.95 2.43 -0.01	41.27 1.63 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.32 3.86 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.07 1.45 -0.01
GOWANUS_GT4_5 24134	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.52 2.22 0.00	57.75 2.65 0.00	50.95 2.43 -0.01	41.27 1.63 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.32 3.86 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.07 1.45 -0.01
GOWANUS_GT4_6 24135	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.52 2.22 0.00	57.75 2.65 0.00	50.95 2.43 -0.01	41.27 1.63 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.32 3.86 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.07 1.45 -0.01
GOWANUS_GT4_7 24136	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.52 2.22 0.00	57.75 2.65 0.00	50.95 2.43 -0.01	41.27 1.63 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.32 3.86 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.07 1.45 -0.01
GOWANUS_GT4_8 24137	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.52 2.22 0.00	57.75 2.65 0.00	50.95 2.43 -0.01	41.27 1.63 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.32 3.86 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.07 1.45 -0.01
GREENBSH_115KV_TB3 55895	30.57 0.39 0.00	29.09 0.34 0.00	27.60 0.33 0.00	27.29 0.30 0.00	28.75 0.34 0.00	33.24 0.39 0.00	45.93 0.63 0.00	55.72 0.61 0.00	49.00 0.49 0.00	39.64 0.00 0.00	35.62 -0.04 0.00	34.02 -0.07 0.00	33.33 0.00 0.00	33.27 0.03 0.00	33.93 0.07 0.00	35.33 0.18 0.00	41.20 0.37 0.00	51.59 0.56 0.00	60.53 1.07 0.00	55.66 0.55 0.00	50.85 0.45 0.00	44.11 0.35 0.00	38.62 0.23 0.00	34.78 0.17 0.00
GREENIDGE_115KV_TB5 80291	30.36 0.18 0.00	28.92 0.17 0.00	27.43 0.16 0.00	27.15 0.16 0.00	28.55 0.14 0.00	33.27 0.43 0.00	45.62 0.32 0.00	55.83 0.72 0.00	49.00 0.49 0.00	40.67 1.03 0.00	36.94 1.28 0.00	35.22 1.13 0.00	34.30 0.97 0.00	34.20 0.96 0.00	34.78 0.91 0.00	35.86 0.70 0.00	41.12 0.29 0.00	51.39 0.36 0.00	60.70 1.25 0.00	56.05 0.94 0.00	50.74 0.35 0.00	44.11 0.35 0.00	39.12 0.73 0.00	35.30 0.69 0.00
GREENIDGE___3 23582	30.36 0.18 0.00	28.92 0.17 0.00	27.43 0.16 0.00	27.15 0.16 0.00	28.55 0.14 0.00	33.27 0.43 0.00	45.62 0.32 0.00	55.83 0.72 0.00	49.00 0.49 0.00	40.67 1.03 0.00	36.94 1.28 0.00	35.22 1.13 0.00	34.30 0.97 0.00	34.20 0.96 0.00	34.78 0.91 0.00	35.86 0.70 0.00	41.12 0.29 0.00	51.39 0.36 0.00	60.70 1.25 0.00	56.05 0.94 0.00	50.74 0.35 0.00	44.11 0.35 0.00	39.12 0.73 0.00	35.30 0.69 0.00
GREENIDGE___4 23583	30.36 0.18 0.00	28.92 0.17 0.00	27.43 0.16 0.00	27.18 0.19 0.00	28.70 0.28 0.00	33.27 0.43 0.00	45.75 0.45 0.00	55.99 0.88 0.00	49.15 0.63 0.00	40.71 1.07 0.00	36.98 1.32 0.00	35.28 1.19 0.00	34.43 1.10 0.00	34.27 1.03 0.00	34.85 0.98 0.00	36.04 0.88 0.00	41.12 0.29 0.00	51.39 0.36 0.00	60.64 1.19 0.00	56.05 0.94 0.00	50.75 0.36 0.00	44.16 0.39 0.00	39.16 0.77 0.00	35.37 0.76 0.00
GREENLWN_69_KV_BK 3 55738	32.53 2.35 0.00	30.64 1.90 0.00	29.07 1.80 0.00	28.75 1.75 0.00	30.34 1.93 0.00	34.68 1.84 0.00	45.62 0.32 0.00	52.11 -0.50 2.51	48.70 0.19 0.02	37.06 -0.95 1.63	35.83 0.18 0.01	34.67 0.58 0.00	34.13 0.80 0.00	34.46 1.23 0.00	34.71 0.85 0.00	35.51 0.35 0.00	41.40 0.57 0.00	51.74 0.71 0.00	61.48 2.02 0.00	56.16 1.05 0.00	51.00 0.60 0.00	44.33 0.57 0.00	38.35 -0.04 0.00	35.09 0.48 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.52 2.22 0.00	57.75 2.65 0.00	50.95 2.43 -0.01	41.27 1.63 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.32 3.86 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.07 1.45 -0.01
GRISSOM___SOLAR 323813	32.02 1.84 0.00	30.53 1.78 0.00	28.88 1.61 0.00	28.59 1.59 0.00	30.15 1.73 0.00	35.01 2.17 0.00	48.47 3.17 0.00	58.91 3.80 0.00	51.58 3.06 0.00	41.78 2.14 0.00	37.09 1.43 0.00	35.32 1.23 0.00	34.57 1.23 0.00	34.50 1.26 0.00	35.29 1.42 0.00	36.88 1.72 0.00	43.36 2.53 0.00	54.60 3.57 0.00	64.27 4.81 0.00	59.19 4.08 0.00	53.87 3.47 0.00	46.70 2.93 0.00	40.77 2.38 0.00	36.72 2.11 0.00
GROVEVILLE___HYD 323602	31.63 1.45 0.00	29.98 1.24 0.00	28.50 1.23 0.00	28.18 1.19 0.00	29.72 1.31 0.00	34.32 1.48 0.00	47.38 2.08 0.00	57.64 2.54 0.00	50.65 2.13 0.00	40.87 1.23 0.00	36.84 1.18 0.00	35.15 1.06 0.00	34.43 1.10 0.00	34.36 1.13 0.00	35.08 1.22 0.00	36.49 1.34 0.00	42.59 1.76 0.00	53.33 2.30 0.00	62.85 3.39 0.00	57.75 2.65 0.00	52.66 2.27 0.00	45.56 1.79 0.00	39.77 1.38 0.00	35.79 1.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.97 -0.21 0.00	28.54 -0.20 0.00	27.05 -0.22 0.00	26.78 -0.22 0.00	28.18 -0.23 0.00	32.65 -0.20 0.00	45.12 -0.18 0.00	55.11 0.00 0.00	48.47 -0.05 0.00	39.84 0.20 0.00	35.87 0.21 0.00	34.26 0.17 0.00	33.43 0.10 0.00	33.33 0.10 0.00	33.90 0.03 0.00	35.12 -0.04 0.00	40.67 -0.16 0.00	50.83 -0.20 0.00	59.58 0.12 0.00	55.11 0.00 0.00	50.19 -0.20 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.47 -0.14 0.00

HAMLTNNY_34_KV_TB 80303	30.00 -0.18 0.00	28.57 -0.17 0.00	27.08 -0.19 0.00	26.80 -0.19 0.00	28.21 -0.20 0.00	32.71 -0.13 0.00	45.21 -0.09 0.00	55.22 0.11 0.00	48.57 0.05 0.00	39.96 0.32 0.00	35.98 0.32 0.00	34.36 0.27 0.00	33.53 0.20 0.00	33.40 0.17 0.00	34.00 0.14 0.00	35.23 0.07 0.00	40.75 -0.08 0.00	50.93 -0.10 0.00	59.69 0.24 0.00	55.22 0.11 0.00	50.24 -0.15 0.00	43.63 -0.13 0.00	38.32 -0.08 0.00	34.51 -0.10 0.00
HAMPSHIRE___PAPER_HYD 323593	29.97 -0.21 0.00	28.63 -0.11 0.00	27.13 -0.14 0.00	26.89 -0.11 0.00	28.33 -0.08 0.00	32.52 -0.33 0.00	44.67 -0.63 0.00	54.01 -1.10 0.00	47.40 -1.11 0.00	39.24 -0.40 0.00	34.80 -0.86 0.00	33.17 -0.92 0.00	32.23 -1.10 0.00	32.20 -1.03 0.00	33.02 -0.85 0.00	34.31 -0.84 0.00	40.06 -0.78 0.00	50.78 -0.25 0.00	58.75 -0.71 0.00	54.78 -0.33 0.00	50.29 -0.10 0.00	44.51 0.74 0.00	39.43 1.04 0.00	35.27 0.66 0.00
HARDSCRABBLE_WT_PWR 323673	30.18 0.00 0.00	28.74 0.00 0.00	27.24 -0.03 0.00	26.99 0.00 0.00	28.38 -0.03 0.00	32.85 0.00 0.00	45.34 0.05 0.00	55.28 0.17 0.00	48.66 0.15 0.00	39.72 0.08 0.00	35.66 0.00 0.00	34.09 0.00 0.00	33.30 -0.03 0.00	33.20 -0.03 0.00	33.80 -0.07 0.00	35.09 -0.07 0.00	40.79 -0.04 0.00	51.13 0.10 0.00	59.93 0.47 0.00	55.50 0.39 0.00	50.75 0.36 0.00	44.11 0.35 0.00	38.74 0.34 0.00	34.92 0.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.39 1.21 0.00	29.78 1.03 0.00	28.28 1.01 0.00	27.99 1.00 0.00	29.49 1.08 0.00	34.06 1.22 0.00	46.93 1.63 0.00	57.04 1.93 0.00	50.12 1.60 0.00	40.59 0.95 0.00	36.59 0.93 0.00	34.94 0.85 0.00	34.20 0.87 0.00	34.13 0.90 0.00	34.85 0.98 0.00	36.25 1.09 0.00	42.22 1.39 0.00	52.87 1.84 0.00	62.25 2.79 0.00	57.26 2.15 0.00	52.16 1.76 0.00	45.12 1.36 0.00	39.39 1.00 0.00	35.47 0.87 0.00
HARSNRAD_115KV_TB1 81005	28.70 -1.48 0.00	27.39 -1.35 0.00	26.01 -1.25 0.00	25.75 -1.24 0.00	26.93 -1.48 0.00	31.47 -1.38 0.00	42.40 -2.90 0.00	51.53 -3.58 0.00	45.12 -3.40 0.00	38.73 -0.91 0.00	35.34 -0.32 0.00	33.85 -0.24 0.00	33.00 -0.33 0.00	33.00 -0.23 0.00	33.42 -0.44 0.00	33.96 -1.20 0.00	38.87 -1.96 0.00	47.87 -3.16 0.00	56.78 -2.68 0.00	52.35 -2.76 0.00	47.12 -3.28 0.00	41.40 -2.36 0.00	36.66 -1.73 0.00	33.85 -0.76 0.00
HARZA MOOSE___RIVER 24016	30.54 0.36 0.00	29.12 0.37 0.00	27.60 0.33 0.00	27.34 0.35 0.00	28.81 0.40 0.00	33.34 0.49 0.00	46.11 0.82 0.00	56.21 1.10 0.00	49.44 0.92 0.00	40.51 0.87 0.00	36.12 0.46 0.00	34.50 0.41 0.00	33.53 0.20 0.00	33.53 0.30 0.00	34.34 0.47 0.00	35.65 0.49 0.00	41.49 0.65 0.00	52.25 1.22 0.00	61.18 1.72 0.00	56.76 1.65 0.00	51.75 1.36 0.00	45.03 1.27 0.00	39.51 1.11 0.00	35.47 0.87 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.82 -0.36 0.00	28.37 -0.37 0.00	26.91 -0.35 0.00	26.64 -0.35 0.00	28.04 -0.37 0.00	32.48 -0.36 0.00	44.89 -0.41 0.00	54.78 -0.33 0.00	48.23 -0.29 0.00	39.68 0.04 0.00	35.69 0.04 0.00	34.09 0.00 0.00	33.30 -0.03 0.00	33.20 -0.03 0.00	33.76 -0.10 0.00	34.98 -0.18 0.00	40.51 -0.33 0.00	50.57 -0.46 0.00	59.34 -0.12 0.00	54.83 -0.28 0.00	49.89 -0.50 0.00	43.37 -0.39 0.00	38.05 -0.35 0.00	34.30 -0.31 0.00
HELLGATE_13_KV_LD 55870	32.06 1.87 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.56 2.26 0.00	57.81 2.70 0.00	50.95 2.43 -0.01	41.35 1.70 -0.01	43.86 1.71 -6.48	44.56 1.74 -8.73	44.56 1.73 -9.49	44.59 1.83 -9.53	45.23 1.90 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.73 2.70 0.00	63.38 3.92 0.00	58.09 2.98 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.11 1.49 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.06 1.87 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.56 2.26 0.00	57.81 2.70 0.00	50.95 2.43 -0.01	41.35 1.70 -0.01	43.86 1.71 -6.48	44.56 1.74 -8.73	44.56 1.73 -9.49	44.59 1.83 -9.53	45.23 1.90 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.73 2.70 0.00	63.38 3.92 0.00	58.09 2.98 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.11 1.49 -0.01
HEMPSTEAD____ 23647	32.12 1.93 -0.01	30.32 1.58 0.00	28.77 1.50 0.00	28.45 1.46 0.00	30.03 1.62 0.00	34.45 1.61 0.00	46.66 1.36 0.00	55.20 1.60 1.51	49.86 1.36 0.02	39.33 0.67 0.98	36.40 0.75 0.01	35.11 1.02 0.00	34.33 1.00 0.00	34.33 1.10 0.00	35.08 1.22 0.00	36.35 1.20 0.00	42.30 1.47 0.00	52.77 1.74 0.00	62.37 2.91 0.00	57.15 2.04 0.00	52.00 1.61 0.00	45.16 1.40 0.00	39.24 0.84 0.00	35.51 0.90 0.00
HEWLETT_69_KV_BK3 55828	32.26 2.08 0.00	30.50 1.75 0.00	28.93 1.66 0.00	28.61 1.62 0.00	30.17 1.76 0.00	34.72 1.87 0.00	47.38 2.08 0.00	57.09 2.37 0.39	50.60 2.09 0.00	40.62 1.23 0.25	37.01 1.36 0.00	35.59 1.50 0.00	34.87 1.53 0.00	34.90 1.66 0.00	35.56 1.69 0.00	36.81 1.65 0.00	42.75 1.92 0.00	53.43 2.40 0.00	63.26 3.81 0.00	57.92 2.81 0.00	52.66 2.27 0.00	45.69 1.93 0.00	39.77 1.38 0.00	35.96 1.35 0.00
HICKLING___1 23621	30.42 0.24 0.00	28.97 0.23 0.00	27.51 0.25 0.00	27.24 0.24 0.00	28.64 0.23 0.00	33.31 0.46 0.00	45.80 0.50 0.00	55.94 0.83 0.00	49.00 0.49 0.00	40.87 1.23 0.00	36.87 1.21 0.00	35.18 1.09 0.00	34.30 0.97 0.00	34.23 1.00 0.00	34.74 0.88 0.00	35.79 0.63 0.00	41.32 0.49 0.00	51.59 0.56 0.00	60.88 1.43 0.00	56.21 1.10 0.00	50.90 0.50 0.00	44.29 0.53 0.00	39.05 0.65 0.00	35.34 0.73 0.00
HICKLING___2 23622	30.42 0.24 0.00	28.97 0.23 0.00	27.51 0.25 0.00	27.24 0.24 0.00	28.64 0.23 0.00	33.31 0.46 0.00	45.80 0.50 0.00	55.94 0.83 0.00	49.00 0.49 0.00	40.87 1.23 0.00	36.87 1.21 0.00	35.18 1.09 0.00	34.30 0.97 0.00	34.23 1.00 0.00	34.74 0.88 0.00	35.79 0.63 0.00	41.32 0.49 0.00	51.59 0.56 0.00	60.88 1.43 0.00	56.21 1.10 0.00	50.90 0.50 0.00	44.29 0.53 0.00	39.05 0.65 0.00	35.34 0.73 0.00
HIGH FALLS___HY 23754	31.57 1.39 0.00	29.92 1.18 0.00	28.47 1.20 0.00	28.15 1.16 0.00	29.66 1.25 0.00	34.26 1.41 0.00	47.25 1.95 0.00	57.53 2.42 0.00	50.51 1.99 0.00	40.79 1.15 0.00	36.80 1.14 0.00	35.11 1.02 0.00	34.40 1.07 0.00	34.33 1.10 0.00	35.08 1.22 0.00	36.46 1.30 0.00	42.47 1.63 0.00	53.17 2.14 0.00	62.73 3.27 0.00	57.75 2.65 0.00	52.61 2.22 0.00	45.47 1.71 0.00	39.70 1.31 0.00	35.72 1.11 0.00
HIGH_RIVER___SOLAR 323847	31.39 1.21 0.00	29.92 1.18 0.00	28.33 1.06 0.00	28.04 1.05 0.00	29.55 1.14 0.00	34.22 1.38 0.00	47.29 1.99 0.00	57.48 2.37 0.00	50.26 1.74 0.00	40.83 1.19 0.00	36.30 0.64 0.00	34.67 0.58 0.00	33.90 0.57 0.00	33.86 0.63 0.00	34.67 0.81 0.00	36.11 0.95 0.00	42.38 1.55 0.00	53.27 2.24 0.00	62.55 3.09 0.00	57.65 2.54 0.00	52.51 2.12 0.00	45.56 1.80 0.00	39.85 1.46 0.00	35.89 1.28 0.00

HILLBURN___GT 23639	31.42 1.24 0.00	29.81 1.06 0.00	28.30 1.04 0.00	28.02 1.03 0.00	29.52 1.11 0.00	34.06 1.22 0.00	46.79 1.49 0.00	56.93 1.82 0.00	49.93 1.41 0.00	40.55 0.91 0.00	36.58 0.93 0.00	34.94 0.85 0.00	34.20 0.87 0.00	34.16 0.93 0.00	34.85 0.98 0.00	36.25 1.09 0.00	42.18 1.35 0.00	52.77 1.74 0.00	62.07 2.61 0.00	57.09 1.98 0.00	51.96 1.56 0.00	44.99 1.22 0.00	39.28 0.88 0.00	35.37 0.76 0.00
HILLSIDE_115KV_TB1 80332	30.15 -0.03 0.00	28.74 0.00 0.00	27.27 0.00 0.00	27.02 0.03 0.00	28.41 0.00 0.00	32.98 0.13 0.00	45.34 0.05 0.00	55.27 0.17 0.00	48.47 -0.05 0.00	40.35 0.71 0.00	36.37 0.71 0.00	34.71 0.61 0.00	33.87 0.53 0.00	33.80 0.56 0.00	34.34 0.47 0.00	35.44 0.28 0.00	40.91 0.08 0.00	51.03 0.00 0.00	60.17 0.71 0.00	55.61 0.50 0.00	50.34 -0.05 0.00	43.81 0.04 0.00	38.58 0.19 0.00	34.89 0.28 0.00
HISHELDN_WT_PWR 323625	29.28 -0.90 0.00	27.88 -0.86 0.00	26.50 -0.76 0.00	26.27 -0.73 0.00	27.81 -0.60 0.00	32.09 -0.75 0.00	43.71 -1.59 0.00	53.18 -1.93 0.00	46.68 -1.84 0.00	39.40 -0.24 0.00	35.84 0.18 0.00	34.33 0.24 0.00	33.53 0.20 0.00	33.40 0.17 0.00	33.86 0.00 0.00	34.81 -0.35 0.00	39.61 -1.22 0.00	49.09 -1.94 0.00	58.27 -1.19 0.00	53.95 -1.16 0.00	48.58 -1.81 0.00	42.67 -1.09 0.00	37.74 -0.65 0.00	34.57 -0.03 0.00
HOLTSVILLE_IC_1 23690	32.48 2.29 -0.01	30.61 1.87 0.00	29.04 1.77 0.00	28.69 1.70 0.00	30.34 1.93 0.00	34.65 1.81 0.00	46.29 1.00 0.00	53.30 0.99 2.80	49.32 0.82 0.03	38.05 0.24 1.83	36.04 0.39 0.02	34.81 0.72 0.00	34.03 0.70 0.00	34.10 0.86 0.00	34.88 1.01 0.00	36.11 0.95 0.00	42.14 1.31 0.00	52.56 1.53 0.00	62.25 2.80 0.00	56.98 1.87 0.00	51.75 1.36 0.00	45.08 1.31 0.00	39.04 0.65 0.00	35.58 0.97 0.00
HOLTSVILLE_IC_10 23699	32.66 2.48 -0.01	30.76 2.01 0.00	29.15 1.88 0.00	28.83 1.84 0.00	30.48 2.07 0.00	34.82 1.97 0.00	46.52 1.22 0.00	53.51 1.16 2.76	49.56 1.07 0.03	38.20 0.36 1.80	36.18 0.54 0.02	34.94 0.85 0.00	34.17 0.83 0.00	34.23 1.00 0.00	35.05 1.18 0.00	36.28 1.12 0.00	42.38 1.55 0.00	52.82 1.79 0.00	62.60 3.15 0.00	57.32 2.21 0.00	52.05 1.66 0.00	45.34 1.57 0.00	39.20 0.81 0.00	35.72 1.11 0.00
HOLTSVILLE_IC_2 23691	32.48 2.29 -0.01	30.61 1.87 0.00	29.04 1.77 0.00	28.69 1.70 0.00	30.34 1.93 0.00	34.65 1.81 0.00	46.29 1.00 0.00	53.30 0.99 2.80	49.32 0.82 0.03	38.05 0.24 1.83	36.04 0.39 0.02	34.81 0.72 0.00	34.03 0.70 0.00	34.10 0.86 0.00	34.88 1.01 0.00	36.11 0.95 0.00	42.14 1.31 0.00	52.56 1.53 0.00	62.25 2.80 0.00	56.98 1.87 0.00	51.75 1.36 0.00	45.08 1.31 0.00	39.04 0.65 0.00	35.58 0.97 0.00
HOLTSVILLE_IC_3 23692	32.48 2.29 -0.01	30.61 1.87 0.00	29.04 1.77 0.00	28.69 1.70 0.00	30.34 1.93 0.00	34.65 1.81 0.00	46.29 1.00 0.00	53.30 0.99 2.80	49.32 0.82 0.03	38.05 0.24 1.83	36.04 0.39 0.02	34.81 0.72 0.00	34.03 0.70 0.00	34.10 0.86 0.00	34.88 1.01 0.00	36.11 0.95 0.00	42.14 1.31 0.00	52.56 1.53 0.00	62.25 2.80 0.00	56.98 1.87 0.00	51.75 1.36 0.00	45.08 1.31 0.00	39.04 0.65 0.00	35.58 0.97 0.00
HOLTSVILLE_IC_4 23693	32.48 2.29 -0.01	30.61 1.87 0.00	29.04 1.77 0.00	28.69 1.70 0.00	30.34 1.93 0.00	34.65 1.81 0.00	46.29 1.00 0.00	53.30 0.99 2.80	49.32 0.82 0.03	38.05 0.24 1.83	36.04 0.39 0.02	34.81 0.72 0.00	34.03 0.70 0.00	34.10 0.86 0.00	34.88 1.01 0.00	36.11 0.95 0.00	42.14 1.31 0.00	52.56 1.53 0.00	62.25 2.80 0.00	56.98 1.87 0.00	51.75 1.36 0.00	45.08 1.31 0.00	39.04 0.65 0.00	35.58 0.97 0.00
HOLTSVILLE_IC_5 23694	32.48 2.29 -0.01	30.61 1.87 0.00	29.04 1.77 0.00	28.69 1.70 0.00	30.34 1.93 0.00	34.65 1.81 0.00	46.29 1.00 0.00	53.30 0.99 2.80	49.32 0.82 0.03	38.05 0.24 1.83	36.04 0.39 0.02	34.81 0.72 0.00	34.03 0.70 0.00	34.10 0.86 0.00	34.88 1.01 0.00	36.11 0.95 0.00	42.14 1.31 0.00	52.56 1.53 0.00	62.25 2.80 0.00	56.98 1.87 0.00	51.75 1.36 0.00	45.08 1.31 0.00	39.04 0.65 0.00	35.58 0.97 0.00
HOLTSVILLE_IC_6 23695	32.66 2.48 -0.01	30.76 2.01 0.00	29.15 1.88 0.00	28.83 1.84 0.00	30.48 2.07 0.00	34.82 1.97 0.00	46.52 1.22 0.00	53.51 1.16 2.76	49.56 1.07 0.03	38.20 0.36 1.80	36.18 0.54 0.02	34.94 0.85 0.00	34.17 0.83 0.00	34.23 1.00 0.00	35.05 1.18 0.00	36.28 1.12 0.00	42.38 1.55 0.00	52.82 1.79 0.00	62.60 3.15 0.00	57.32 2.21 0.00	52.05 1.66 0.00	45.34 1.57 0.00	39.20 0.81 0.00	35.72 1.11 0.00
HOLTSVILLE_IC_7 23696	32.66 2.48 -0.01	30.76 2.01 0.00	29.15 1.88 0.00	28.83 1.84 0.00	30.48 2.07 0.00	34.82 1.97 0.00	46.52 1.22 0.00	53.51 1.16 2.76	49.56 1.07 0.03	38.20 0.36 1.80	36.18 0.54 0.02	34.94 0.85 0.00	34.17 0.83 0.00	34.23 1.00 0.00	35.05 1.18 0.00	36.28 1.12 0.00	42.38 1.55 0.00	52.82 1.79 0.00	62.60 3.15 0.00	57.32 2.21 0.00	52.05 1.66 0.00	45.34 1.57 0.00	39.20 0.81 0.00	35.72 1.11 0.00
HOLTSVILLE_IC_8 23697	32.66 2.48 -0.01	30.76 2.01 0.00	29.15 1.88 0.00	28.83 1.84 0.00	30.48 2.07 0.00	34.82 1.97 0.00	46.52 1.22 0.00	53.51 1.16 2.76	49.56 1.07 0.03	38.20 0.36 1.80	36.18 0.54 0.02	34.94 0.85 0.00	34.17 0.83 0.00	34.23 1.00 0.00	35.05 1.18 0.00	36.28 1.12 0.00	42.38 1.55 0.00	52.82 1.79 0.00	62.60 3.15 0.00	57.32 2.21 0.00	52.05 1.66 0.00	45.34 1.57 0.00	39.20 0.81 0.00	35.72 1.11 0.00
HOLTSVILLE_IC_9 23698	32.66 2.48 -0.01	30.76 2.01 0.00	29.15 1.88 0.00	28.83 1.84 0.00	30.48 2.07 0.00	34.82 1.97 0.00	46.52 1.22 0.00	53.51 1.16 2.76	49.56 1.07 0.03	38.20 0.36 1.80	36.18 0.54 0.02	34.94 0.85 0.00	34.17 0.83 0.00	34.23 1.00 0.00	35.05 1.18 0.00	36.28 1.12 0.00	42.38 1.55 0.00	52.82 1.79 0.00	62.60 3.15 0.00	57.32 2.21 0.00	52.05 1.66 0.00	45.34 1.57 0.00	39.20 0.81 0.00	35.72 1.11 0.00
HOMER_HL_115KV_TB2 355744	29.58 -0.60 0.00	28.20 -0.55 0.00	26.83 -0.44 0.00	26.59 -0.40 0.00	27.90 -0.51 0.00	32.55 -0.30 0.00	44.30 -1.00 0.00	53.79 -1.32 0.00	47.11 -1.41 0.00	40.35 0.71 0.00	36.51 0.86 0.00	34.91 0.82 0.00	34.00 0.67 0.00	34.00 0.76 0.00	34.44 0.58 0.00	35.12 -0.04 0.00	40.26 -0.57 0.00	49.96 -1.07 0.00	59.10 -0.36 0.00	54.61 -0.50 0.00	48.98 -1.41 0.00	42.80 -0.96 0.00	37.82 -0.58 0.00	34.71 0.10 0.00
HOWARD_WT_PWR 323690	29.94 -0.24 0.00	28.51 -0.23 0.00	27.11 -0.16 0.00	26.86 -0.13 0.00	28.44 0.03 0.00	32.94 0.10 0.00	45.44 0.14 0.00	55.60 0.49 0.00	48.62 0.10 0.00	40.67 1.03 0.00	36.87 1.21 0.00	35.22 1.12 0.00	34.37 1.03 0.00	34.20 0.96 0.00	34.74 0.88 0.00	35.75 0.60 0.00	40.83 0.00 0.00	50.93 -0.10 0.00	60.23 0.77 0.00	55.77 0.66 0.00	50.49 0.10 0.00	44.11 0.35 0.00	39.12 0.73 0.00	35.51 0.90 0.00

HQ_GEN_CEDARS 23644	29.76 -0.42 0.00	28.46 -0.29 0.00	26.97 -0.30 0.00	26.75 -0.24 0.00	28.13 -0.28 0.00	32.12 -0.72 0.00	43.76 -1.54 0.00	52.46 -2.65 0.00	46.00 -2.52 0.00	38.57 -1.07 0.00	34.09 -1.57 0.00	32.52 -1.57 0.00	31.63 -1.70 0.00	31.51 -1.73 0.00	32.31 -1.56 0.00	33.54 -1.62 0.00	39.28 -1.55 0.00	49.96 -1.07 0.00	57.08 -2.38 0.00	53.35 -1.76 0.00	49.33 -1.06 0.00	44.20 0.44 0.00	39.43 1.04 0.00	35.27 0.66 0.00
HQ_GEN_CEDARS_PROXY 323590	29.76 -0.42 0.00	28.46 -0.29 0.00	26.97 -0.30 0.00	26.75 -0.24 0.00	28.13 -0.28 0.00	32.12 -0.72 0.00	43.76 -1.54 0.00	52.47 -2.64 0.00	45.99 -2.53 0.00	38.57 -1.07 0.00	34.09 -1.57 0.00	32.52 -1.57 0.00	31.63 -1.70 0.00	31.54 -1.69 0.00	32.31 -1.56 0.00	33.54 -1.62 0.00	39.28 -1.55 0.00	49.96 -1.07 0.00	57.08 -2.38 0.00	53.34 -1.77 0.00	49.43 -0.96 0.00	44.20 0.44 0.00	39.47 1.07 0.00	35.27 0.66 0.00
HQ_GEN_IMPORT 323601	30.09 -0.09 0.00	28.66 -0.09 0.00	27.19 -0.08 0.00	26.91 -0.08 0.00	28.33 -0.08 0.00	32.75 -0.10 0.00	45.12 -0.18 0.00	54.89 -0.22 0.00	48.37 -0.15 0.00	39.56 -0.08 0.00	35.55 -0.11 0.00	34.02 -0.07 0.00	33.27 -0.07 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	35.05 -0.11 0.00	40.75 -0.08 0.00	54.89 -0.10 -3.96	54.90 -0.59 3.96	54.89 -0.22 0.00	50.39 0.00 0.00	43.76 0.00 0.00	38.47 0.08 0.00	34.68 0.07 0.00
HQ_GEN_WHEEL 23651	30.09 -0.09 0.00	28.66 -0.09 0.00	27.19 -0.08 0.00	26.91 -0.08 0.00	28.33 -0.08 0.00	32.75 -0.10 0.00	45.12 -0.18 0.00	54.89 -0.22 0.00	48.37 -0.15 0.00	39.56 -0.08 0.00	35.55 -0.11 0.00	34.02 -0.07 0.00	33.27 -0.07 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	35.05 -0.11 0.00	40.75 -0.08 0.00	54.89 -0.10 -3.96	54.90 -0.59 3.96	54.89 -0.22 0.00	50.39 0.00 0.00	43.76 0.00 0.00	38.47 0.08 0.00	34.68 0.07 0.00
HUDSON AVE_GT_3 23810	31.93 1.75 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.40 1.40 0.00	29.89 1.48 0.00	34.46 1.61 0.00	47.47 2.17 0.00	57.70 2.59 0.00	50.85 2.33 0.00	41.23 1.59 0.00	37.30 1.64 0.00	35.73 1.64 0.00	35.00 1.67 0.00	34.96 1.73 0.00	35.66 1.79 0.00	37.09 1.93 0.00	43.00 2.16 0.00	53.63 2.60 0.00	63.20 3.75 0.00	57.98 2.87 0.00	52.81 2.42 0.00	45.78 2.01 0.00	39.97 1.57 0.00	35.96 1.35 0.00
HUDSON AVE_GT_4 23540	31.93 1.75 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.40 1.40 0.00	29.89 1.48 0.00	34.46 1.61 0.00	47.47 2.17 0.00	57.70 2.59 0.00	50.85 2.33 0.00	41.23 1.59 0.00	37.30 1.64 0.00	35.73 1.64 0.00	35.00 1.67 0.00	34.96 1.73 0.00	35.66 1.79 0.00	37.09 1.93 0.00	43.00 2.16 0.00	53.63 2.60 0.00	63.20 3.75 0.00	57.98 2.87 0.00	52.81 2.42 0.00	45.78 2.01 0.00	39.97 1.57 0.00	35.96 1.35 0.00
HUDSON AVE_GT_5 23657	31.93 1.75 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.40 1.40 0.00	29.89 1.48 0.00	34.46 1.61 0.00	47.47 2.17 0.00	57.70 2.59 0.00	50.85 2.33 0.00	41.23 1.59 0.00	37.30 1.64 0.00	35.73 1.64 0.00	35.00 1.67 0.00	34.96 1.73 0.00	35.66 1.79 0.00	37.09 1.93 0.00	43.00 2.16 0.00	53.63 2.60 0.00	63.20 3.75 0.00	57.98 2.87 0.00	52.81 2.42 0.00	45.78 2.01 0.00	39.97 1.57 0.00	35.96 1.35 0.00
HUDSON_AVE_10 24168	31.87 1.69 0.00	30.15 1.41 0.00	28.63 1.36 0.00	28.32 1.32 0.00	29.80 1.39 0.00	34.36 1.51 0.00	47.38 2.08 0.00	57.59 2.48 0.00	50.75 2.23 0.00	41.15 1.51 0.00	37.19 1.53 0.00	35.66 1.57 0.00	34.93 1.60 0.00	34.90 1.66 0.00	35.59 1.73 0.00	37.02 1.86 0.00	42.96 2.12 0.00	53.53 2.50 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.69 1.93 0.00	39.89 1.50 0.00	35.86 1.25 0.00
HUDSON___115KV_TB 4 355613	31.00 0.81 0.00	29.52 0.78 0.00	27.95 0.68 0.00	27.67 0.67 0.00	29.18 0.77 0.00	33.77 0.92 0.00	46.79 1.49 0.00	56.82 1.71 0.00	49.83 1.31 0.00	40.12 0.48 0.00	35.87 0.21 0.00	34.16 0.07 0.00	33.50 0.17 0.00	33.40 0.17 0.00	34.10 0.24 0.00	35.58 0.42 0.00	41.77 0.94 0.00	52.51 1.48 0.00	61.77 2.32 0.00	56.87 1.76 0.00	51.90 1.51 0.00	44.95 1.18 0.00	39.31 0.92 0.00	35.41 0.80 0.00
HUNTER MOUNT___DRP 323613	31.00 0.81 0.00	29.52 0.78 0.00	27.98 0.71 0.00	27.69 0.70 0.00	29.18 0.77 0.00	33.83 0.99 0.00	46.98 1.68 0.00	57.04 1.93 0.00	49.97 1.46 0.00	40.16 0.52 0.00	35.80 0.14 0.00	34.06 -0.03 0.00	33.37 0.03 0.00	33.27 0.03 0.00	34.00 0.14 0.00	35.47 0.32 0.00	41.77 0.94 0.00	52.71 1.68 0.00	62.01 2.56 0.00	57.15 2.04 0.00	52.11 1.71 0.00	45.12 1.36 0.00	39.47 1.07 0.00	35.51 0.90 0.00
HUNTINGTON_RES_REC 323705	32.57 2.38 -0.01	30.67 1.93 0.00	29.10 1.83 0.00	28.75 1.75 0.00	30.40 1.99 0.00	34.72 1.87 0.00	45.85 0.55 0.00	52.54 0.06 2.62	48.88 0.39 0.03	37.46 -0.47 1.71	35.04 -0.61 0.01	34.57 0.48 0.00	33.83 0.50 0.00	33.80 0.56 0.00	34.61 0.74 0.00	35.75 0.60 0.00	41.77 0.94 0.00	52.15 1.12 0.00	61.84 2.38 0.00	56.60 1.49 0.00	51.35 0.96 0.00	44.77 1.01 0.00	38.62 0.23 0.00	35.09 0.48 0.00
HUNTLEY___63 23557	29.00 -1.18 0.00	27.65 -1.09 0.00	26.26 -1.01 0.00	25.99 -1.00 0.00	27.22 -1.19 0.00	31.76 -1.08 0.00	43.17 -2.13 0.00	52.46 -2.65 0.00	45.95 -2.57 0.00	39.48 -0.16 0.00	36.05 0.39 0.00	34.53 0.44 0.00	33.67 0.33 0.00	33.70 0.47 0.00	34.10 0.24 0.00	34.60 -0.56 0.00	39.61 -1.22 0.00	48.73 -2.30 0.00	57.67 -1.78 0.00	53.24 -1.87 0.00	47.82 -2.57 0.00	42.06 -1.71 0.00	37.24 -1.15 0.00	34.19 -0.42 0.00
HUNTLEY___64 23558	29.00 -1.18 0.00	27.65 -1.09 0.00	26.26 -1.01 0.00	25.99 -1.00 0.00	27.22 -1.19 0.00	31.76 -1.08 0.00	43.17 -2.13 0.00	52.46 -2.65 0.00	45.95 -2.57 0.00	39.48 -0.16 0.00	36.05 0.39 0.00	34.53 0.44 0.00	33.67 0.33 0.00	33.70 0.47 0.00	34.10 0.24 0.00	34.60 -0.56 0.00	39.61 -1.22 0.00	48.73 -2.30 0.00	57.67 -1.78 0.00	53.24 -1.87 0.00	47.82 -2.57 0.00	42.06 -1.71 0.00	37.24 -1.15 0.00	34.19 -0.42 0.00
HUNTLEY___65 23559	29.00 -1.18 0.00	27.65 -1.09 0.00	26.26 -1.01 0.00	25.99 -1.00 0.00	27.22 -1.19 0.00	31.76 -1.08 0.00	43.17 -2.13 0.00	52.46 -2.65 0.00	45.95 -2.57 0.00	39.48 -0.16 0.00	36.05 0.39 0.00	34.53 0.44 0.00	33.67 0.33 0.00	33.70 0.47 0.00	34.10 0.24 0.00	34.60 -0.56 0.00	39.61 -1.22 0.00	48.73 -2.30 0.00	57.67 -1.78 0.00	53.24 -1.87 0.00	47.82 -2.57 0.00	42.06 -1.71 0.00	37.24 -1.15 0.00	34.19 -0.42 0.00
HUNTLEY___66 23560	29.00 -1.18 0.00	27.65 -1.09 0.00	26.26 -1.01 0.00	25.99 -1.00 0.00	27.22 -1.19 0.00	31.76 -1.08 0.00	43.17 -2.13 0.00	52.46 -2.65 0.00	45.95 -2.57 0.00	39.48 -0.16 0.00	36.05 0.39 0.00	34.53 0.44 0.00	33.67 0.33 0.00	33.70 0.47 0.00	34.10 0.24 0.00	34.60 -0.56 0.00	39.61 -1.22 0.00	48.73 -2.30 0.00	57.67 -1.78 0.00	53.24 -1.87 0.00	47.82 -2.57 0.00	42.06 -1.71 0.00	37.24 -1.15 0.00	34.19 -0.42 0.00

HUNTLEY___67 23561	28.85 -1.33 0.00	27.51 -1.24 0.00	26.12 -1.15 0.00	25.86 -1.13 0.00	27.08 -1.34 0.00	31.60 -1.25 0.00	42.99 -2.31 0.00	52.19 -2.92 0.00	45.66 -2.86 0.00	39.24 -0.40 0.00	35.84 0.18 0.00	34.33 0.24 0.00	33.43 0.10 0.00	33.47 0.23 0.00	33.90 0.03 0.00	34.42 -0.74 0.00	39.40 -1.43 0.00	48.58 -2.45 0.00	57.43 -2.02 0.00	53.02 -2.09 0.00	47.67 -2.72 0.00	41.88 -1.88 0.00	37.09 -1.31 0.00	33.99 -0.62 0.00
HUNTLEY___68 23562	28.85 -1.33 0.00	27.51 -1.24 0.00	26.12 -1.15 0.00	25.86 -1.13 0.00	27.08 -1.34 0.00	31.60 -1.25 0.00	42.99 -2.31 0.00	52.19 -2.92 0.00	45.66 -2.86 0.00	39.24 -0.40 0.00	35.84 0.18 0.00	34.33 0.24 0.00	33.43 0.10 0.00	33.47 0.23 0.00	33.90 0.03 0.00	34.42 -0.74 0.00	39.40 -1.43 0.00	48.58 -2.45 0.00	57.43 -2.02 0.00	53.02 -2.09 0.00	47.67 -2.72 0.00	41.88 -1.88 0.00	37.09 -1.31 0.00	33.99 -0.62 0.00
HYLAND___LFGE 323620	30.75 0.57 0.00	29.26 0.52 0.00	27.78 0.52 0.00	27.48 0.49 0.00	29.12 0.71 0.00	33.83 0.98 0.00	46.98 1.68 0.00	57.86 2.75 0.00	50.46 1.94 0.00	41.66 2.02 0.00	37.30 1.64 0.00	35.46 1.37 0.00	34.50 1.17 0.00	34.43 1.19 0.00	35.05 1.18 0.00	36.25 1.09 0.00	40.38 -0.45 0.00	50.78 -0.25 0.00	60.58 1.13 0.00	56.27 1.16 0.00	50.70 0.30 0.00	44.25 0.48 0.00	40.04 1.65 0.00	36.20 1.59 0.00
INDECK___CORINTH 23802	31.12 0.94 0.00	29.66 0.92 0.00	28.06 0.79 0.00	27.78 0.78 0.00	29.29 0.88 0.00	33.93 1.08 0.00	46.93 1.63 0.00	57.09 1.98 0.00	50.12 1.60 0.00	40.63 0.99 0.00	36.30 0.64 0.00	34.64 0.54 0.00	33.97 0.63 0.00	33.83 0.60 0.00	34.47 0.61 0.00	35.86 0.70 0.00	42.06 1.22 0.00	52.92 1.89 0.00	62.25 2.80 0.00	57.26 2.15 0.00	52.11 1.71 0.00	45.16 1.40 0.00	39.47 1.07 0.00	35.54 0.93 0.00
INDECK___ILION 23567	30.33 0.15 0.00	28.89 0.14 0.00	27.40 0.14 0.00	27.13 0.13 0.00	28.55 0.14 0.00	33.01 0.16 0.00	45.57 0.27 0.00	55.50 0.39 0.00	48.86 0.34 0.00	39.88 0.24 0.00	35.80 0.14 0.00	34.23 0.14 0.00	33.47 0.13 0.00	33.37 0.13 0.00	34.00 0.14 0.00	35.30 0.14 0.00	41.04 0.20 0.00	51.34 0.31 0.00	60.05 0.59 0.00	55.61 0.50 0.00	50.79 0.40 0.00	44.07 0.31 0.00	38.66 0.27 0.00	34.85 0.24 0.00
INDECK___OLEAN 23982	29.58 -0.60 0.00	28.20 -0.55 0.00	26.83 -0.44 0.00	26.62 -0.38 0.00	28.18 -0.23 0.00	32.52 -0.33 0.00	44.49 -0.81 0.00	54.01 -1.10 0.00	47.31 -1.21 0.00	40.31 0.67 0.00	36.58 0.93 0.00	35.01 0.92 0.00	34.17 0.83 0.00	34.06 0.83 0.00	34.47 0.61 0.00	35.37 0.21 0.00	40.26 -0.57 0.00	49.96 -1.07 0.00	58.98 -0.48 0.00	54.61 -0.50 0.00	48.98 -1.41 0.00	42.89 -0.87 0.00	37.85 -0.54 0.00	34.82 0.21 0.00
INDECK___OSWEGO 23783	29.52 -0.66 0.00	28.08 -0.66 0.00	26.64 -0.63 0.00	26.37 -0.62 0.00	27.79 -0.63 0.00	32.15 -0.69 0.00	44.44 -0.86 0.00	54.17 -0.94 0.00	47.69 -0.83 0.00	39.09 -0.56 0.00	35.16 -0.50 0.00	33.61 -0.48 0.00	32.80 -0.53 0.00	32.70 -0.53 0.00	33.29 -0.58 0.00	34.56 -0.60 0.00	40.02 -0.82 0.00	50.01 -1.02 0.00	58.57 -0.89 0.00	54.17 -0.94 0.00	49.38 -1.01 0.00	42.93 -0.83 0.00	37.66 -0.73 0.00	33.92 -0.69 0.00
INDECK___YERKES 23781	29.03 -1.15 0.00	27.68 -1.06 0.00	26.29 -0.98 0.00	26.05 -0.95 0.00	27.62 -0.80 0.00	31.83 -1.02 0.00	43.44 -1.86 0.00	52.69 -2.42 0.00	46.29 -2.23 0.00	39.52 -0.12 0.00	36.16 0.50 0.00	34.74 0.65 0.00	33.90 0.57 0.00	33.83 0.60 0.00	34.24 0.37 0.00	34.98 -0.17 0.00	39.65 -1.19 0.00	48.84 -2.19 0.00	57.61 -1.84 0.00	53.29 -1.82 0.00	47.87 -2.52 0.00	42.23 -1.53 0.00	37.36 -1.03 0.00	34.37 -0.24 0.00
INDIAN POINT_GT_1 24139	31.57 1.39 0.00	29.92 1.18 0.00	28.41 1.15 0.00	28.10 1.11 0.00	29.61 1.19 0.00	34.19 1.35 0.00	47.07 1.77 0.00	57.15 2.04 0.00	50.27 1.75 0.00	40.71 1.07 0.00	36.76 1.11 0.00	35.18 1.09 0.00	34.47 1.13 0.00	34.40 1.16 0.00	35.12 1.25 0.00	36.53 1.37 0.00	42.38 1.55 0.00	52.97 1.94 0.00	62.43 2.97 0.00	57.31 2.20 0.00	52.21 1.81 0.00	45.25 1.49 0.00	39.51 1.11 0.00	35.58 0.97 0.00
INDIAN POINT_GT_2 23659	31.57 1.39 0.00	29.92 1.18 0.00	28.41 1.15 0.00	28.10 1.11 0.00	29.61 1.19 0.00	34.19 1.35 0.00	47.07 1.77 0.00	57.15 2.04 0.00	50.27 1.75 0.00	40.71 1.07 0.00	36.76 1.11 0.00	35.18 1.09 0.00	34.47 1.13 0.00	34.40 1.16 0.00	35.12 1.25 0.00	36.53 1.37 0.00	42.38 1.55 0.00	52.97 1.94 0.00	62.43 2.97 0.00	57.31 2.20 0.00	52.21 1.81 0.00	45.25 1.49 0.00	39.51 1.11 0.00	35.58 0.97 0.00
INDIAN POINT_GT_3 24019	31.57 1.39 0.00	29.92 1.18 0.00	28.41 1.15 0.00	28.10 1.11 0.00	29.61 1.19 0.00	34.19 1.35 0.00	47.07 1.77 0.00	57.15 2.04 0.00	50.27 1.75 0.00	40.71 1.07 0.00	36.76 1.11 0.00	35.18 1.09 0.00	34.47 1.13 0.00	34.40 1.16 0.00	35.12 1.25 0.00	36.53 1.37 0.00	42.38 1.55 0.00	52.97 1.94 0.00	62.43 2.97 0.00	57.31 2.20 0.00	52.21 1.81 0.00	45.25 1.49 0.00	39.51 1.11 0.00	35.58 0.97 0.00
INDIAN POINT___2 23530	31.48 1.30 0.00	29.84 1.09 0.00	28.33 1.06 0.00	28.04 1.05 0.00	29.55 1.14 0.00	34.09 1.25 0.00	46.84 1.54 0.00	56.98 1.87 0.00	50.02 1.51 0.00	40.59 0.95 0.00	36.62 0.96 0.00	35.04 0.95 0.00	34.30 0.97 0.00	34.27 1.03 0.00	34.98 1.12 0.00	36.35 1.20 0.00	42.26 1.43 0.00	52.86 1.83 0.00	62.13 2.68 0.00	57.15 2.04 0.00	52.05 1.66 0.00	45.08 1.31 0.00	39.35 0.96 0.00	35.44 0.83 0.00
INDIAN POINT___3 23531	31.63 1.45 0.00	29.98 1.24 0.00	28.47 1.20 0.00	28.15 1.16 0.00	29.66 1.25 0.00	34.23 1.38 0.00	47.11 1.81 0.00	57.26 2.15 0.00	50.41 1.89 0.00	40.83 1.19 0.00	36.84 1.18 0.00	35.28 1.19 0.00	34.57 1.23 0.00	34.53 1.30 0.00	35.22 1.35 0.00	36.63 1.48 0.00	42.55 1.71 0.00	53.12 2.09 0.00	62.55 3.09 0.00	57.42 2.31 0.00	52.31 1.91 0.00	45.34 1.58 0.00	39.58 1.19 0.00	35.68 1.07 0.00
INGHAM_C_115KV_TB7 356103	30.27 0.09 0.00	28.80 0.06 0.00	27.32 0.05 0.00	27.07 0.08 0.00	28.50 0.09 0.00	32.94 0.10 0.00	45.48 0.18 0.00	55.39 0.28 0.00	48.81 0.29 0.00	39.84 0.20 0.00	35.77 0.11 0.00	34.19 0.10 0.00	33.40 0.07 0.00	33.30 0.07 0.00	33.90 0.03 0.00	35.19 0.04 0.00	40.91 0.08 0.00	51.29 0.26 0.00	60.05 0.59 0.00	55.61 0.50 0.00	50.85 0.45 0.00	44.16 0.39 0.00	38.78 0.38 0.00	34.96 0.35 0.00
IP CORINTH___1 23988	31.30 1.12 0.00	29.84 1.09 0.00	28.20 0.93 0.00	27.91 0.92 0.00	29.46 1.05 0.00	34.09 1.25 0.00	47.20 1.90 0.00	57.37 2.26 0.00	50.41 1.89 0.00	40.87 1.23 0.00	36.51 0.86 0.00	34.84 0.75 0.00	34.10 0.77 0.00	34.03 0.80 0.00	34.64 0.78 0.00	36.11 0.95 0.00	42.30 1.47 0.00	53.17 2.14 0.00	62.55 3.09 0.00	57.53 2.42 0.00	52.41 2.02 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.75 1.14 0.00

IP__TICONDEROGA 23804	33.02 2.84 0.00	31.50 2.76 0.00	29.72 2.45 0.00	29.42 2.43 0.00	31.08 2.67 0.00	36.10 3.25 0.00	50.06 4.76 0.00	60.84 5.73 0.00	53.42 4.90 0.00	43.29 3.65 0.00	38.55 2.89 0.00	36.75 2.66 0.00	35.97 2.63 0.00	35.86 2.63 0.00	36.47 2.61 0.00	38.01 2.85 0.00	44.71 3.88 0.00	56.44 5.41 0.00	66.59 7.13 0.00	61.17 6.06 0.00	55.58 5.19 0.00	48.14 4.38 0.00	41.96 3.57 0.00	37.83 3.22 0.00
ISLIP_RES_REC 323679	32.75 2.56 -0.01	30.87 2.13 0.00	29.26 1.99 0.00	28.91 1.92 0.00	30.57 2.16 0.00	34.95 2.10 0.00	46.71 1.41 0.00	53.79 1.43 2.75	49.75 1.26 0.03	38.36 0.51 1.79	36.32 0.68 0.02	35.11 1.02 0.00	34.30 0.97 0.00	34.36 1.13 0.00	35.22 1.36 0.00	36.42 1.26 0.00	42.59 1.75 0.00	53.07 2.04 0.00	62.96 3.51 0.00	57.65 2.54 0.00	52.26 1.87 0.00	45.56 1.80 0.00	39.35 0.96 0.00	35.85 1.24 0.00
JAMAICA__27_KV_LOAD 355505	32.05 1.87 0.00	30.30 1.55 0.00	28.77 1.50 0.00	28.45 1.46 0.00	29.95 1.53 0.00	34.46 1.61 0.00	47.61 2.31 0.00	57.98 2.87 0.00	51.09 2.57 0.00	41.38 1.74 0.00	37.44 1.78 0.00	35.90 1.81 0.00	35.17 1.83 0.00	35.13 1.89 0.00	35.86 2.00 0.00	37.30 2.14 0.00	43.28 2.45 0.00	53.99 2.96 0.00	63.74 4.28 0.00	58.47 3.36 0.00	53.21 2.82 0.00	46.00 2.23 0.00	40.12 1.73 0.00	35.99 1.38 0.00
JANIS__SOLAR 323808	31.51 1.33 0.00	29.98 1.24 0.00	28.44 1.17 0.00	28.21 1.22 0.00	29.72 1.31 0.00	34.45 1.61 0.00	47.88 2.58 0.00	58.69 3.58 0.00	51.33 2.81 0.00	42.06 2.42 0.00	37.58 1.92 0.00	35.83 1.74 0.00	34.80 1.47 0.00	34.73 1.50 0.00	35.35 1.49 0.00	36.78 1.62 0.00	42.67 1.84 0.00	53.84 2.80 0.00	63.62 4.16 0.00	58.86 3.75 0.00	53.36 2.97 0.00	46.21 2.45 0.00	40.50 2.11 0.00	36.41 1.80 0.00
JARVIS____ 23743	30.27 0.09 0.00	28.83 0.09 0.00	27.35 0.08 0.00	27.07 0.08 0.00	28.50 0.09 0.00	32.94 0.10 0.00	45.44 0.14 0.00	55.28 0.17 0.00	48.66 0.15 0.00	39.72 0.08 0.00	35.69 0.04 0.00	34.13 0.03 0.00	33.37 0.03 0.00	33.30 0.07 0.00	33.93 0.07 0.00	35.23 0.07 0.00	40.91 0.08 0.00	51.13 0.10 0.00	59.75 0.30 0.00	55.28 0.17 0.00	50.49 0.10 0.00	43.85 0.09 0.00	38.43 0.04 0.00	34.64 0.03 0.00
JENNISON__1 23625	31.66 1.48 0.00	30.18 1.44 0.00	28.60 1.34 0.00	28.37 1.38 0.00	29.83 1.42 0.00	34.62 1.77 0.00	47.93 2.63 0.00	58.64 3.53 0.00	51.48 2.96 0.00	42.38 2.74 0.00	37.87 2.21 0.00	36.17 2.08 0.00	35.10 1.77 0.00	35.06 1.83 0.00	35.66 1.79 0.00	36.95 1.79 0.00	42.91 2.08 0.00	53.99 2.96 0.00	63.74 4.28 0.00	58.97 3.86 0.00	53.47 3.07 0.00	46.26 2.49 0.00	40.50 2.11 0.00	36.41 1.80 0.00
JENNISON__2 23626	31.66 1.48 0.00	30.18 1.44 0.00	28.60 1.34 0.00	28.37 1.38 0.00	29.83 1.42 0.00	34.62 1.77 0.00	47.93 2.63 0.00	58.64 3.53 0.00	51.48 2.96 0.00	42.38 2.74 0.00	37.87 2.21 0.00	36.17 2.08 0.00	35.10 1.77 0.00	35.06 1.83 0.00	35.66 1.79 0.00	36.95 1.79 0.00	42.91 2.08 0.00	53.99 2.96 0.00	63.74 4.28 0.00	58.97 3.86 0.00	53.47 3.07 0.00	46.26 2.49 0.00	40.50 2.11 0.00	36.41 1.80 0.00
JERICHO_RISE_WT_PWR 323719	29.21 -0.97 0.00	27.94 -0.80 0.00	26.50 -0.76 0.00	26.18 -0.81 0.00	27.56 -0.85 0.00	31.79 -1.05 0.00	43.71 -1.59 0.00	53.29 -1.82 0.00	46.92 -1.60 0.00	38.73 -0.91 0.00	34.77 -0.89 0.00	33.27 -0.82 0.00	32.67 -0.67 0.00	32.40 -0.83 0.00	33.05 -0.81 0.00	34.28 -0.88 0.00	40.10 -0.73 0.00	50.21 -0.82 0.00	57.79 -1.66 0.00	54.12 -0.99 0.00	49.99 -0.40 0.00	43.41 -0.35 0.00	38.59 0.19 0.00	34.75 0.14 0.00
KATONAH__115KV_46KV_TB4 355592	31.78 1.60 0.00	30.12 1.38 0.00	28.60 1.34 0.00	28.32 1.32 0.00	29.89 1.48 0.00	34.55 1.71 0.00	47.66 2.36 0.00	57.92 2.81 0.00	50.99 2.47 0.00	41.19 1.55 0.00	37.12 1.46 0.00	35.52 1.43 0.00	34.77 1.43 0.00	34.70 1.46 0.00	35.39 1.52 0.00	36.81 1.65 0.00	42.79 1.96 0.00	53.48 2.45 0.00	63.14 3.69 0.00	57.87 2.76 0.00	52.81 2.42 0.00	45.69 1.93 0.00	39.89 1.50 0.00	35.89 1.28 0.00
KCE_NY_1 323755	31.45 1.27 0.00	29.95 1.21 0.00	28.36 1.09 0.00	28.07 1.08 0.00	29.58 1.17 0.00	34.26 1.41 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.51 1.99 0.00	40.95 1.31 0.00	36.69 1.03 0.00	35.04 0.95 0.00	34.33 1.00 0.00	34.23 1.00 0.00	34.88 1.01 0.00	36.28 1.12 0.00	42.47 1.63 0.00	53.33 2.30 0.00	62.61 3.15 0.00	57.59 2.48 0.00	52.51 2.12 0.00	45.56 1.80 0.00	39.85 1.46 0.00	35.92 1.31 0.00
KCE_NY_6_ESR 323823	29.28 -0.90 0.00	27.91 -0.83 0.00	26.50 -0.76 0.00	26.29 -0.70 0.00	27.84 -0.57 0.00	32.09 -0.75 0.00	43.98 -1.32 0.00	53.34 -1.77 0.00	46.82 -1.70 0.00	39.96 0.32 0.00	36.51 0.85 0.00	35.04 0.95 0.00	34.23 0.90 0.00	34.13 0.90 0.00	34.54 0.68 0.00	35.37 0.21 0.00	40.10 -0.73 0.00	49.45 -1.58 0.00	58.27 -1.19 0.00	53.90 -1.21 0.00	48.43 -1.97 0.00	42.63 -1.14 0.00	37.70 -0.69 0.00	34.64 0.03 0.00
KEDC_PORT_JEFF_GT2 24210	32.66 2.48 -0.01	30.76 2.01 0.00	29.18 1.91 0.00	28.83 1.84 0.00	30.48 2.07 0.00	34.82 1.97 0.00	46.48 1.18 0.00	53.06 0.71 2.76	49.51 1.02 0.03	38.12 0.28 1.80	36.07 0.43 0.02	34.94 0.85 0.00	34.17 0.83 0.00	34.20 0.96 0.00	35.02 1.15 0.00	36.25 1.09 0.00	42.34 1.51 0.00	52.46 1.43 0.00	62.19 2.74 0.00	56.93 1.82 0.00	51.65 1.26 0.00	45.34 1.57 0.00	39.20 0.81 0.00	35.68 1.07 0.00
KEDC_PORT_JEFF_GT3 24211	32.66 2.48 -0.01	30.76 2.01 0.00	29.18 1.91 0.00	28.83 1.84 0.00	30.48 2.07 0.00	34.82 1.97 0.00	46.48 1.18 0.00	53.06 0.71 2.76	49.51 1.02 0.03	38.12 0.28 1.80	36.07 0.43 0.02	34.94 0.85 0.00	34.17 0.83 0.00	34.20 0.96 0.00	35.02 1.15 0.00	36.25 1.09 0.00	42.34 1.51 0.00	52.46 1.43 0.00	62.19 2.74 0.00	56.93 1.82 0.00	51.65 1.26 0.00	45.34 1.57 0.00	39.20 0.81 0.00	35.68 1.07 0.00
KEDC_GLWD_GT4 24219	32.24 2.05 -0.01	30.47 1.72 0.00	28.90 1.64 0.00	28.59 1.59 0.00	30.17 1.76 0.00	34.65 1.81 0.00	46.98 1.68 0.00	56.05 2.04 1.10	50.20 1.70 0.02	39.87 0.95 0.72	36.65 1.00 0.01	35.35 1.26 0.00	34.57 1.23 0.00	34.56 1.33 0.00	35.32 1.46 0.00	36.60 1.44 0.00	42.59 1.75 0.00	53.22 2.19 0.00	62.84 3.39 0.00	57.65 2.54 0.00	52.41 2.02 0.00	45.52 1.75 0.00	39.51 1.11 0.00	35.72 1.11 0.00
KEDC_GLWD_GT5 24220	32.24 2.05 -0.01	30.47 1.72 0.00	28.90 1.64 0.00	28.59 1.59 0.00	30.17 1.76 0.00	34.65 1.81 0.00	46.98 1.68 0.00	56.05 2.04 1.10	50.20 1.70 0.02	39.87 0.95 0.72	36.65 1.00 0.01	35.35 1.26 0.00	34.57 1.23 0.00	34.56 1.33 0.00	35.32 1.46 0.00	36.60 1.44 0.00	42.59 1.75 0.00	53.22 2.19 0.00	62.84 3.39 0.00	57.65 2.54 0.00	52.41 2.02 0.00	45.52 1.75 0.00	39.51 1.11 0.00	35.72 1.11 0.00

KENSICO____ 23655	31.69 1.51 0.00	30.01 1.26 0.00	28.50 1.23 0.00	28.21 1.21 0.00	29.72 1.31 0.00	34.26 1.41 0.00	47.16 1.86 0.00	57.37 2.26 0.00	50.46 1.94 0.00	40.87 1.23 0.00	36.91 1.25 0.00	35.35 1.26 0.00	34.63 1.30 0.00	34.60 1.36 0.00	35.29 1.42 0.00	36.70 1.55 0.00	42.59 1.76 0.00	53.17 2.14 0.00	62.67 3.21 0.00	57.53 2.42 0.00	52.41 2.02 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.72 1.11 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.57 1.39 0.00	29.92 1.18 0.00	28.44 1.17 0.00	28.15 1.16 0.00	29.63 1.22 0.00	34.26 1.41 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.51 1.99 0.00	40.79 1.15 0.00	36.73 1.07 0.00	35.05 0.95 0.00	34.33 1.00 0.00	34.26 1.03 0.00	35.01 1.15 0.00	36.39 1.23 0.00	42.47 1.63 0.00	53.22 2.19 0.00	62.79 3.33 0.00	57.75 2.65 0.00	52.66 2.27 0.00	45.51 1.75 0.00	39.74 1.34 0.00	35.72 1.11 0.00
KIAC_JFK_GT1 23816	31.87 1.69 0.00	30.12 1.38 0.00	28.60 1.34 0.00	28.32 1.32 0.00	29.78 1.36 0.00	34.13 1.28 0.00	47.16 1.86 0.00	57.37 2.26 0.00	50.61 2.09 0.00	40.99 1.35 0.00	37.05 1.39 0.00	35.56 1.47 0.00	34.80 1.47 0.00	34.80 1.56 0.00	35.49 1.63 0.00	36.92 1.76 0.00	42.87 2.04 0.00	53.43 2.40 0.00	63.02 3.57 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.56 1.79 0.00	39.74 1.34 0.00	35.65 1.04 0.00
KIAC_JFK_GT2 23817	31.87 1.69 0.00	30.12 1.38 0.00	28.60 1.34 0.00	28.32 1.32 0.00	29.78 1.36 0.00	34.13 1.28 0.00	47.16 1.86 0.00	57.37 2.26 0.00	50.61 2.09 0.00	40.99 1.35 0.00	37.05 1.39 0.00	35.56 1.47 0.00	34.80 1.47 0.00	34.80 1.56 0.00	35.49 1.63 0.00	36.92 1.76 0.00	42.87 2.04 0.00	53.43 2.40 0.00	63.02 3.57 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.56 1.79 0.00	39.74 1.34 0.00	35.65 1.04 0.00
KIAC_JFK____ 323774	31.87 1.69 0.00	30.12 1.38 0.00	28.60 1.34 0.00	28.29 1.30 0.00	29.80 1.39 0.00	34.13 1.28 0.00	47.06 1.76 0.00	57.37 2.26 0.00	50.51 1.99 0.00	40.95 1.31 0.00	37.01 1.35 0.00	35.49 1.40 0.00	34.73 1.40 0.00	34.69 1.46 0.00	35.46 1.59 0.00	36.88 1.72 0.00	42.87 2.04 0.00	53.48 2.45 0.00	62.96 3.51 0.00	57.81 2.70 0.00	52.61 2.21 0.00	45.52 1.75 0.00	39.70 1.31 0.00	35.61 1.00 0.00
KINTIGH____ 23543	28.85 -1.33 0.00	27.51 -1.24 0.00	26.12 -1.15 0.00	25.86 -1.13 0.00	27.08 -1.34 0.00	31.53 -1.31 0.00	43.03 -2.26 0.00	52.41 -2.70 0.00	45.70 -2.81 0.00	38.97 -0.67 0.00	35.55 -0.11 0.00	34.02 -0.07 0.00	33.17 -0.17 0.00	33.13 -0.10 0.00	33.59 -0.27 0.00	34.24 -0.91 0.00	39.36 -1.47 0.00	48.68 -2.35 0.00	57.55 -1.90 0.00	53.13 -1.98 0.00	47.92 -2.47 0.00	42.01 -1.75 0.00	37.13 -1.27 0.00	33.85 -0.76 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.18 -1.00 0.00	27.97 -0.78 0.00	26.53 -0.74 0.00	26.18 -0.81 0.00	27.56 -0.85 0.00	31.76 -1.08 0.00	43.62 -1.68 0.00	53.40 -1.71 0.00	46.92 -1.60 0.00	39.09 -0.55 0.00	35.09 -0.57 0.00	33.61 -0.48 0.00	33.13 -0.20 0.00	32.83 -0.40 0.00	33.49 -0.37 0.00	34.70 -0.46 0.00	40.71 -0.12 0.00	50.83 -0.20 0.00	58.74 -0.71 0.00	54.94 -0.17 0.00	50.59 0.20 0.00	43.90 0.13 0.00	39.28 0.88 0.00	35.41 0.80 0.00
LACHUTE__HYDRO 323717	33.02 2.84 0.00	31.50 2.76 0.00	29.72 2.46 0.00	29.42 2.43 0.00	31.08 2.67 0.00	36.10 3.25 0.00	50.01 4.71 0.00	60.89 5.78 0.00	53.42 4.90 0.00	43.29 3.64 0.00	38.51 2.85 0.00	36.72 2.63 0.00	36.03 2.70 0.00	35.86 2.62 0.00	36.47 2.61 0.00	37.97 2.81 0.00	44.71 3.88 0.00	56.44 5.41 0.00	66.59 7.13 0.00	61.17 6.06 0.00	55.58 5.19 0.00	48.14 4.38 0.00	41.96 3.57 0.00	37.83 3.22 0.00
LAWRNCV_115KV_TB1 80681	29.76 -0.42 0.00	28.46 -0.29 0.00	26.97 -0.30 0.00	26.75 -0.24 0.00	28.13 -0.28 0.00	32.12 -0.72 0.00	43.76 -1.54 0.00	52.46 -2.65 0.00	46.00 -2.52 0.00	38.57 -1.07 0.00	34.09 -1.57 0.00	32.52 -1.57 0.00	31.63 -1.70 0.00	31.51 -1.73 0.00	32.31 -1.56 0.00	33.54 -1.62 0.00	39.28 -1.55 0.00	49.96 -1.07 0.00	57.08 -2.38 0.00	53.35 -1.76 0.00	49.33 -1.06 0.00	44.20 0.44 0.00	39.43 1.04 0.00	35.27 0.66 0.00
LEDERLE____ 23769	31.48 1.30 0.00	29.87 1.12 0.00	28.36 1.09 0.00	28.07 1.08 0.00	29.55 1.14 0.00	34.13 1.28 0.00	46.98 1.68 0.00	57.09 1.98 0.00	50.12 1.60 0.00	40.63 0.99 0.00	36.66 1.00 0.00	35.05 0.95 0.00	34.30 0.97 0.00	34.26 1.03 0.00	34.95 1.08 0.00	36.35 1.20 0.00	42.26 1.43 0.00	52.87 1.84 0.00	62.25 2.79 0.00	57.20 2.09 0.00	52.11 1.71 0.00	45.12 1.36 0.00	39.39 1.00 0.00	35.47 0.87 0.00
LIGHTHSE_115KV_TB6 355974	29.88 -0.30 0.00	28.46 -0.29 0.00	26.97 -0.30 0.00	26.72 -0.27 0.00	28.10 -0.31 0.00	32.52 -0.33 0.00	45.03 -0.27 0.00	54.83 -0.28 0.00	48.23 -0.29 0.00	39.64 0.00 0.00	35.52 -0.14 0.00	33.92 -0.17 0.00	33.03 -0.30 0.00	32.97 -0.27 0.00	33.59 -0.27 0.00	34.88 -0.28 0.00	40.42 -0.41 0.00	50.67 -0.36 0.00	59.46 0.00 0.00	55.05 -0.06 0.00	50.14 -0.25 0.00	43.72 -0.04 0.00	38.32 -0.08 0.00	34.47 -0.14 0.00
LINDEN COGEN____ 23786	31.75 1.57 0.00	30.04 1.29 0.00	28.52 1.26 0.00	28.21 1.22 0.00	29.72 1.31 0.00	34.26 1.41 0.00	47.06 1.76 0.00	49.54 2.15 7.72	43.50 1.80 6.81	40.91 1.27 0.00	37.01 1.35 0.00	35.49 1.40 0.00	34.73 1.40 0.00	34.69 1.46 0.00	35.42 1.56 0.00	36.85 1.69 0.00	40.11 1.84 2.56	47.22 2.19 6.00	58.37 3.15 4.23	53.28 2.42 4.25	48.13 1.96 4.23	45.47 1.71 0.00	39.66 1.27 0.00	35.72 1.11 0.00
LINDHRST_69_KV_BK1 356055	32.62 2.44 0.00	30.76 2.01 0.00	29.18 1.91 0.00	28.83 1.84 0.00	30.46 2.05 0.00	34.88 2.04 0.00	46.93 1.63 0.00	54.31 1.60 2.40	50.01 1.50 0.02	38.75 0.67 1.56	36.54 0.89 0.01	35.35 1.26 0.00	34.67 1.33 0.00	34.83 1.60 0.00	35.39 1.52 0.00	36.49 1.34 0.00	42.51 1.67 0.00	53.02 1.99 0.00	62.96 3.51 0.00	57.48 2.37 0.00	52.26 1.86 0.00	45.47 1.71 0.00	39.47 1.07 0.00	35.92 1.32 0.00
LIPA_MISC_IPP 23656	32.53 2.35 0.00	30.64 1.90 0.00	29.07 1.80 0.00	28.72 1.73 0.00	30.34 1.93 0.00	34.68 1.84 0.00	46.52 1.22 0.00	53.37 1.05 2.79	49.47 0.97 0.02	38.02 0.20 1.82	36.15 0.50 0.01	35.01 0.92 0.00	34.37 1.03 0.00	34.56 1.33 0.00	35.15 1.29 0.00	36.18 1.02 0.00	42.22 1.39 0.00	52.71 1.68 0.00	62.67 3.21 0.00	57.20 2.09 0.00	51.95 1.56 0.00	45.25 1.49 0.00	39.20 0.81 0.00	35.79 1.18 0.00
LISF__SOLAR 323691	32.57 2.38 -0.01	30.70 1.96 0.00	29.10 1.83 0.00	28.77 1.78 0.00	30.40 1.99 0.00	34.75 1.90 0.00	46.43 1.13 0.00	53.42 1.10 2.79	49.41 0.92 0.03	38.02 0.20 1.82	36.07 0.43 0.02	34.84 0.75 0.00	34.07 0.73 0.00	34.13 0.90 0.00	34.98 1.12 0.00	36.18 1.02 0.00	42.30 1.47 0.00	52.82 1.79 0.00	62.66 3.21 0.00	57.32 2.21 0.00	52.05 1.66 0.00	45.29 1.53 0.00	39.20 0.81 0.00	35.72 1.11 0.00

LITTLE FALLS___HYD 24013	30.27 0.09 0.00	28.80 0.06 0.00	27.32 0.05 0.00	27.07 0.08 0.00	28.50 0.09 0.00	32.94 0.10 0.00	45.48 0.18 0.00	55.39 0.28 0.00	48.81 0.29 0.00	39.84 0.20 0.00	35.77 0.11 0.00	34.19 0.10 0.00	33.40 0.07 0.00	33.30 0.07 0.00	33.90 0.03 0.00	35.19 0.04 0.00	40.91 0.08 0.00	51.29 0.26 0.00	60.05 0.59 0.00	55.61 0.50 0.00	50.85 0.45 0.00	44.16 0.39 0.00	38.78 0.38 0.00	34.96 0.35 0.00
LITTLRIV_115KV_TB1 356100	30.24 0.06 0.00	28.92 0.17 0.00	27.40 0.14 0.00	27.21 0.22 0.00	28.61 0.20 0.00	32.71 -0.13 0.00	44.67 -0.63 0.00	53.73 -1.38 0.00	47.06 -1.46 0.00	39.40 -0.24 0.00	34.70 -0.96 0.00	33.10 -0.99 0.00	32.13 -1.20 0.00	32.00 -1.23 0.00	32.81 -1.05 0.00	34.10 -1.05 0.00	39.89 -0.94 0.00	50.93 -0.10 0.00	58.45 -1.01 0.00	54.72 -0.39 0.00	50.49 0.10 0.00	45.08 1.31 0.00	40.16 1.77 0.00	35.86 1.25 0.00
LI_NEWBRDGE___DRP 323616	31.96 1.78 0.00	30.21 1.47 0.00	28.66 1.39 0.00	28.34 1.35 0.00	29.89 1.48 0.00	34.36 1.51 0.00	46.75 1.45 0.00	53.56 1.60 3.15	49.90 1.41 0.02	38.30 0.71 2.05	36.51 0.86 0.01	35.15 1.06 0.00	34.47 1.13 0.00	34.53 1.30 0.00	35.12 1.25 0.00	36.35 1.20 0.00	42.22 1.39 0.00	52.71 1.68 0.00	62.37 2.91 0.00	57.09 1.98 0.00	51.95 1.56 0.00	45.08 1.31 0.00	39.28 0.88 0.00	35.54 0.93 0.00
LOCKPORT_115KV_TB60_63_64 80432	28.70 -1.48 0.00	27.36 -1.38 0.00	25.99 -1.28 0.00	25.72 -1.27 0.00	26.93 -1.48 0.00	31.43 -1.41 0.00	42.54 -2.76 0.00	51.69 -3.42 0.00	45.32 -3.20 0.00	38.85 -0.79 0.00	35.48 -0.18 0.00	33.96 -0.14 0.00	33.10 -0.23 0.00	33.10 -0.13 0.00	33.52 -0.34 0.00	34.07 -1.09 0.00	38.95 -1.88 0.00	48.02 -3.01 0.00	56.96 -2.50 0.00	52.52 -2.59 0.00	47.22 -3.17 0.00	41.49 -2.28 0.00	36.74 -1.65 0.00	33.85 -0.76 0.00
LOCKPORT___CC1 323769	28.70 -1.48 0.00	27.39 -1.35 0.00	26.01 -1.25 0.00	25.78 -1.21 0.00	27.30 -1.11 0.00	31.47 -1.38 0.00	42.67 -2.63 0.00	51.75 -3.36 0.00	45.46 -3.06 0.00	38.73 -0.91 0.00	35.41 -0.25 0.00	33.99 -0.10 0.00	33.20 -0.13 0.00	33.07 -0.17 0.00	33.49 -0.37 0.00	34.31 -0.84 0.00	38.87 -1.96 0.00	47.92 -3.11 0.00	56.60 -2.85 0.00	52.36 -2.75 0.00	47.12 -3.27 0.00	41.58 -2.19 0.00	36.74 -1.65 0.00	33.99 -0.62 0.00
LOCKPORT___CC2 323770	28.70 -1.48 0.00	27.39 -1.35 0.00	26.01 -1.25 0.00	25.78 -1.21 0.00	27.30 -1.11 0.00	31.47 -1.38 0.00	42.67 -2.63 0.00	51.75 -3.36 0.00	45.46 -3.06 0.00	38.73 -0.91 0.00	35.41 -0.25 0.00	33.99 -0.10 0.00	33.20 -0.13 0.00	33.07 -0.17 0.00	33.49 -0.37 0.00	34.31 -0.84 0.00	38.87 -1.96 0.00	47.92 -3.11 0.00	56.60 -2.85 0.00	52.36 -2.75 0.00	47.12 -3.27 0.00	41.58 -2.19 0.00	36.74 -1.65 0.00	33.99 -0.62 0.00
LOCKPORT___CC3 323771	28.70 -1.48 0.00	27.39 -1.35 0.00	26.01 -1.25 0.00	25.78 -1.21 0.00	27.30 -1.11 0.00	31.47 -1.38 0.00	42.67 -2.63 0.00	51.75 -3.36 0.00	45.46 -3.06 0.00	38.73 -0.91 0.00	35.41 -0.25 0.00	33.99 -0.10 0.00	33.20 -0.13 0.00	33.07 -0.17 0.00	33.49 -0.37 0.00	34.31 -0.84 0.00	38.87 -1.96 0.00	47.92 -3.11 0.00	56.60 -2.85 0.00	52.36 -2.75 0.00	47.12 -3.27 0.00	41.58 -2.19 0.00	36.74 -1.65 0.00	33.99 -0.62 0.00
LONG_LAKE_PHOENIX 24014	29.67 -0.51 0.00	28.26 -0.49 0.00	26.78 -0.49 0.00	26.53 -0.46 0.00	27.90 -0.51 0.00	32.35 -0.49 0.00	44.71 -0.59 0.00	54.56 -0.55 0.00	48.03 -0.49 0.00	39.44 -0.20 0.00	35.48 -0.18 0.00	33.89 -0.20 0.00	33.07 -0.27 0.00	32.97 -0.27 0.00	33.56 -0.30 0.00	34.77 -0.39 0.00	40.30 -0.53 0.00	50.37 -0.66 0.00	59.04 -0.42 0.00	54.56 -0.55 0.00	49.69 -0.71 0.00	43.19 -0.57 0.00	37.89 -0.50 0.00	34.12 -0.48 0.00
LOVETT___3 23632	31.36 1.18 0.00	29.75 1.01 0.00	28.25 0.98 0.00	27.96 0.97 0.00	29.43 1.02 0.00	34.00 1.15 0.00	46.75 1.45 0.00	56.76 1.65 0.00	49.83 1.31 0.00	40.43 0.79 0.00	36.48 0.82 0.00	34.88 0.78 0.00	34.17 0.83 0.00	34.10 0.86 0.00	34.78 0.91 0.00	36.18 1.02 0.00	42.02 1.18 0.00	52.56 1.53 0.00	61.83 2.38 0.00	56.87 1.76 0.00	51.75 1.36 0.00	44.86 1.09 0.00	39.16 0.77 0.00	35.30 0.69 0.00
LOVETT___4 23642	31.36 1.18 0.00	29.75 1.01 0.00	28.25 0.98 0.00	27.96 0.97 0.00	29.43 1.02 0.00	34.00 1.15 0.00	46.75 1.45 0.00	56.76 1.65 0.00	49.83 1.31 0.00	40.43 0.79 0.00	36.48 0.82 0.00	34.88 0.78 0.00	34.17 0.83 0.00	34.10 0.86 0.00	34.78 0.91 0.00	36.18 1.02 0.00	42.02 1.18 0.00	52.56 1.53 0.00	61.83 2.38 0.00	56.87 1.76 0.00	51.75 1.36 0.00	44.86 1.09 0.00	39.16 0.77 0.00	35.30 0.69 0.00
LOVETT___5 23593	31.36 1.18 0.00	29.75 1.01 0.00	28.25 0.98 0.00	27.96 0.97 0.00	29.43 1.02 0.00	34.00 1.15 0.00	46.75 1.45 0.00	56.76 1.65 0.00	49.83 1.31 0.00	40.43 0.79 0.00	36.48 0.82 0.00	34.88 0.78 0.00	34.17 0.83 0.00	34.10 0.86 0.00	34.78 0.91 0.00	36.18 1.02 0.00	42.02 1.18 0.00	52.56 1.53 0.00	61.83 2.38 0.00	56.87 1.76 0.00	51.75 1.36 0.00	44.86 1.09 0.00	39.16 0.77 0.00	35.30 0.69 0.00
LOWER RAQUET___HYD 24057	29.76 -0.42 0.00	28.46 -0.29 0.00	26.97 -0.30 0.00	26.75 -0.24 0.00	28.16 -0.26 0.00	32.12 -0.72 0.00	43.76 -1.54 0.00	52.47 -2.64 0.00	45.99 -2.53 0.00	38.57 -1.07 0.00	34.09 -1.57 0.00	32.52 -1.57 0.00	31.63 -1.70 0.00	31.54 -1.69 0.00	32.31 -1.56 0.00	33.54 -1.62 0.00	39.28 -1.55 0.00	49.96 -1.07 0.00	57.08 -2.38 0.00	53.34 -1.77 0.00	49.43 -0.96 0.00	44.20 0.44 0.00	39.47 1.07 0.00	35.27 0.66 0.00
LOWER___HUDSON 24059	31.12 0.94 0.00	29.61 0.86 0.00	28.06 0.79 0.00	27.78 0.78 0.00	29.24 0.82 0.00	33.83 0.98 0.00	46.71 1.41 0.00	56.76 1.65 0.00	49.88 1.36 0.00	40.39 0.75 0.00	36.26 0.61 0.00	34.67 0.58 0.00	33.93 0.60 0.00	33.90 0.66 0.00	34.54 0.68 0.00	35.93 0.77 0.00	41.97 1.14 0.00	52.61 1.58 0.00	61.66 2.20 0.00	56.71 1.60 0.00	51.75 1.36 0.00	44.90 1.14 0.00	39.31 0.92 0.00	35.44 0.83 0.00
LOWVILLE_115KV_TB2 356335	30.30 0.12 0.00	28.92 0.17 0.00	27.40 0.14 0.00	27.18 0.19 0.00	28.61 0.20 0.00	33.11 0.26 0.00	45.80 0.50 0.00	55.77 0.66 0.00	49.00 0.49 0.00	40.20 0.55 0.00	35.77 0.11 0.00	34.09 0.00 0.00	33.13 -0.20 0.00	33.13 -0.10 0.00	34.07 0.20 0.00	35.40 0.25 0.00	41.24 0.41 0.00	52.05 1.02 0.00	60.94 1.49 0.00	56.60 1.49 0.00	51.60 1.21 0.00	45.08 1.31 0.00	39.58 1.19 0.00	35.47 0.87 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.42 1.24 0.00	29.95 1.21 0.00	28.36 1.09 0.00	28.07 1.08 0.00	29.58 1.16 0.00	34.23 1.38 0.00	47.29 1.99 0.00	57.48 2.37 0.00	50.51 1.99 0.00	40.95 1.31 0.00	36.66 1.00 0.00	35.05 0.95 0.00	34.30 0.97 0.00	34.23 1.00 0.00	34.88 1.02 0.00	36.32 1.16 0.00	42.42 1.59 0.00	53.28 2.25 0.00	62.55 3.09 0.00	57.53 2.42 0.00	52.46 2.07 0.00	45.51 1.75 0.00	39.81 1.42 0.00	35.89 1.28 0.00

LUTHERNY_35_KV_BK2 355980	31.45 1.27 0.00	29.95 1.21 0.00	28.36 1.09 0.00	28.07 1.08 0.00	29.61 1.19 0.00	34.26 1.41 0.00	47.34 2.04 0.00	57.48 2.37 0.00	50.51 1.99 0.00	40.95 1.31 0.00	36.69 1.03 0.00	35.05 0.95 0.00	34.30 0.97 0.00	34.23 1.00 0.00	34.88 1.02 0.00	36.32 1.16 0.00	42.47 1.63 0.00	53.28 2.25 0.00	62.61 3.15 0.00	57.59 2.48 0.00	52.51 2.12 0.00	45.56 1.79 0.00	39.85 1.46 0.00	35.92 1.32 0.00
LWR___OSWEGATCHIE_HYD 23850	29.97 -0.21 0.00	28.63 -0.11 0.00	27.13 -0.14 0.00	26.89 -0.11 0.00	28.30 -0.11 0.00	32.52 -0.33 0.00	44.67 -0.63 0.00	54.01 -1.10 0.00	47.35 -1.16 0.00	39.24 -0.40 0.00	34.80 -0.86 0.00	33.17 -0.92 0.00	32.23 -1.10 0.00	32.17 -1.06 0.00	33.02 -0.85 0.00	34.31 -0.84 0.00	40.06 -0.78 0.00	50.78 -0.26 0.00	58.74 -0.71 0.00	54.78 -0.33 0.00	50.29 -0.10 0.00	44.51 0.74 0.00	39.39 1.00 0.00	35.27 0.66 0.00
LYONS_FALL_HYD 23570	30.54 0.36 0.00	29.12 0.37 0.00	27.60 0.33 0.00	27.37 0.38 0.00	28.81 0.40 0.00	33.34 0.49 0.00	46.12 0.82 0.00	56.21 1.10 0.00	49.44 0.92 0.00	40.51 0.87 0.00	36.12 0.46 0.00	34.50 0.41 0.00	33.53 0.20 0.00	33.53 0.30 0.00	34.34 0.47 0.00	35.69 0.53 0.00	41.48 0.65 0.00	52.25 1.22 0.00	61.18 1.73 0.00	56.76 1.65 0.00	51.75 1.36 0.00	45.03 1.27 0.00	39.51 1.11 0.00	35.47 0.87 0.00
MADISON___COUNTY_LFGE 323628	30.93 0.75 0.00	29.46 0.72 0.00	27.92 0.65 0.00	27.67 0.67 0.00	29.12 0.71 0.00	33.73 0.89 0.00	46.70 1.40 0.00	56.98 1.87 0.00	50.12 1.60 0.00	41.11 1.47 0.00	36.80 1.14 0.00	35.15 1.06 0.00	34.20 0.87 0.00	34.16 0.93 0.00	34.85 0.98 0.00	36.14 0.98 0.00	41.93 1.10 0.00	52.61 1.58 0.00	61.72 2.26 0.00	57.15 2.04 0.00	52.00 1.61 0.00	45.08 1.31 0.00	39.51 1.11 0.00	35.54 0.93 0.00
MALONE___115KV_TB1 356076	29.58 -0.60 0.00	28.31 -0.43 0.00	26.83 -0.44 0.00	26.56 -0.43 0.00	27.96 -0.45 0.00	32.19 -0.66 0.00	44.26 -1.04 0.00	53.84 -1.27 0.00	47.31 -1.21 0.00	39.17 -0.48 0.00	35.02 -0.64 0.00	33.44 -0.65 0.00	32.80 -0.53 0.00	32.54 -0.70 0.00	33.22 -0.64 0.00	34.45 -0.70 0.00	40.34 -0.49 0.00	50.83 -0.20 0.00	58.39 -1.07 0.00	54.67 -0.44 0.00	50.39 0.00 0.00	44.11 0.35 0.00	39.20 0.81 0.00	35.23 0.62 0.00
MAPLEWOD_115KV_TB3 80458	30.96 0.78 0.00	29.49 0.75 0.00	27.95 0.68 0.00	27.67 0.67 0.00	29.15 0.74 0.00	33.70 0.85 0.00	46.52 1.22 0.00	56.49 1.38 0.00	49.68 1.16 0.00	40.20 0.55 0.00	36.09 0.43 0.00	34.50 0.41 0.00	33.80 0.47 0.00	33.73 0.50 0.00	34.37 0.51 0.00	35.83 0.67 0.00	41.77 0.94 0.00	52.36 1.33 0.00	61.42 1.96 0.00	56.49 1.38 0.00	51.55 1.16 0.00	44.73 0.96 0.00	39.12 0.73 0.00	35.27 0.66 0.00
MAPLE_RIDGE_WT_1 323574	29.55 -0.64 0.00	28.20 -0.55 0.00	26.75 -0.52 0.00	26.48 -0.51 0.00	27.87 -0.54 0.00	32.19 -0.66 0.00	44.39 -0.91 0.00	54.06 -1.05 0.00	47.69 -0.83 0.00	39.05 -0.59 0.00	35.12 -0.53 0.00	33.61 -0.48 0.00	32.94 -0.40 0.00	32.80 -0.43 0.00	33.42 -0.44 0.00	34.67 -0.49 0.00	40.38 -0.45 0.00	50.52 -0.51 0.00	58.62 -0.83 0.00	54.56 -0.55 0.00	50.04 -0.35 0.00	43.46 -0.30 0.00	38.24 -0.15 0.00	34.47 -0.14 0.00
MAPLE_RIDGE_WT_2 323611	29.55 -0.64 0.00	28.20 -0.55 0.00	26.75 -0.52 0.00	26.48 -0.51 0.00	27.87 -0.54 0.00	32.19 -0.66 0.00	44.39 -0.91 0.00	54.06 -1.05 0.00	47.69 -0.83 0.00	39.05 -0.59 0.00	35.12 -0.53 0.00	33.61 -0.48 0.00	32.94 -0.40 0.00	32.80 -0.43 0.00	33.42 -0.44 0.00	34.67 -0.49 0.00	40.38 -0.45 0.00	50.52 -0.51 0.00	58.62 -0.83 0.00	54.56 -0.55 0.00	50.04 -0.35 0.00	43.46 -0.30 0.00	38.24 -0.15 0.00	34.47 -0.14 0.00
MARBLE_RIVER_WT_PWR 323696	29.12 -1.06 0.00	27.85 -0.89 0.00	26.42 -0.85 0.00	26.10 -0.89 0.00	27.47 -0.94 0.00	31.70 -1.15 0.00	43.58 -1.72 0.00	53.13 -1.98 0.00	46.82 -1.70 0.00	38.73 -0.91 0.00	34.80 -0.86 0.00	33.34 -0.75 0.00	32.77 -0.57 0.00	32.50 -0.73 0.00	33.12 -0.75 0.00	34.35 -0.81 0.00	40.18 -0.65 0.00	50.21 -0.82 0.00	58.03 -1.43 0.00	54.23 -0.88 0.00	50.04 -0.35 0.00	43.46 -0.30 0.00	38.66 0.27 0.00	34.85 0.24 0.00
MARSHVLE_115KV_TB1 80742	32.20 2.02 0.00	30.70 1.95 0.00	29.04 1.77 0.00	28.77 1.78 0.00	30.34 1.93 0.00	35.28 2.43 0.00	48.88 3.58 0.00	59.41 4.30 0.00	51.87 3.35 0.00	41.94 2.30 0.00	37.05 1.39 0.00	35.25 1.16 0.00	34.43 1.10 0.00	34.40 1.16 0.00	35.32 1.46 0.00	36.99 1.83 0.00	43.61 2.78 0.00	55.01 3.98 0.00	64.81 5.35 0.00	59.79 4.68 0.00	54.32 3.93 0.00	47.05 3.28 0.00	41.04 2.65 0.00	36.93 2.32 0.00
MARSH_HILL_WT_PWR 323713	29.97 -0.21 0.00	28.54 -0.20 0.00	27.13 -0.14 0.00	26.86 -0.13 0.00	28.41 0.00 0.00	32.91 0.07 0.00	45.39 0.09 0.00	55.55 0.44 0.00	48.62 0.10 0.00	40.63 0.99 0.00	36.83 1.18 0.00	35.18 1.09 0.00	34.33 1.00 0.00	34.16 0.93 0.00	34.74 0.88 0.00	35.75 0.60 0.00	40.83 0.00 0.00	50.88 -0.15 0.00	60.17 0.72 0.00	55.72 0.61 0.00	50.39 0.00 0.00	44.07 0.31 0.00	39.08 0.69 0.00	35.47 0.87 0.00
MCINTYRE_115KV_TB2 80467	30.66 0.48 0.00	29.32 0.57 0.00	27.79 0.52 0.00	27.59 0.59 0.00	29.01 0.60 0.00	33.21 0.36 0.00	45.44 0.14 0.00	54.67 -0.44 0.00	47.84 -0.68 0.00	39.96 0.32 0.00	35.09 -0.57 0.00	33.41 -0.68 0.00	32.43 -0.90 0.00	32.34 -0.90 0.00	33.15 -0.71 0.00	34.45 -0.70 0.00	40.34 -0.49 0.00	51.74 0.71 0.00	59.58 0.12 0.00	55.83 0.72 0.00	51.45 1.06 0.00	45.82 2.06 0.00	40.77 2.38 0.00	36.37 1.77 0.00
MECO_____69_KV_BK1 80468	32.41 2.23 0.00	30.90 2.16 0.00	29.20 1.94 0.00	28.94 1.94 0.00	30.57 2.16 0.00	35.51 2.66 0.00	49.20 3.90 0.00	59.74 4.63 0.00	52.25 3.74 0.00	42.34 2.70 0.00	37.51 1.85 0.00	35.73 1.64 0.00	34.93 1.60 0.00	34.90 1.66 0.00	35.73 1.86 0.00	37.34 2.18 0.00	43.98 3.14 0.00	55.42 4.39 0.00	65.34 5.89 0.00	60.18 5.07 0.00	54.68 4.28 0.00	47.40 3.63 0.00	41.35 2.96 0.00	37.20 2.60 0.00
MENANDS___115KV_TB5 355628	30.81 0.63 0.00	29.32 0.57 0.00	27.79 0.52 0.00	27.51 0.51 0.00	28.98 0.57 0.00	33.50 0.66 0.00	46.25 0.95 0.00	56.16 1.05 0.00	49.39 0.87 0.00	39.96 0.32 0.00	35.91 0.25 0.00	34.33 0.24 0.00	33.60 0.27 0.00	33.57 0.33 0.00	34.20 0.34 0.00	35.61 0.46 0.00	41.53 0.69 0.00	52.00 0.97 0.00	61.00 1.55 0.00	56.10 0.99 0.00	51.20 0.81 0.00	44.42 0.66 0.00	38.89 0.50 0.00	35.06 0.45 0.00
MG INDUSTRY___DRP 24185	30.81 0.63 0.00	29.38 0.63 0.00	27.84 0.57 0.00	27.56 0.57 0.00	29.04 0.63 0.00	33.54 0.69 0.00	46.30 1.00 0.00	56.16 1.05 0.00	49.34 0.82 0.00	39.92 0.28 0.00	35.80 0.14 0.00	34.19 0.10 0.00	33.50 0.17 0.00	33.43 0.20 0.00	34.10 0.24 0.00	35.51 0.35 0.00	41.49 0.65 0.00	51.95 0.92 0.00	60.94 1.49 0.00	56.16 1.05 0.00	51.25 0.86 0.00	44.51 0.74 0.00	39.01 0.61 0.00	35.16 0.55 0.00

MID___OSWEGATCHIE_HYD 23849	29.97 -0.21 0.00	28.63 -0.11 0.00	27.13 -0.14 0.00	26.89 -0.11 0.00	28.30 -0.11 0.00	32.52 -0.33 0.00	44.67 -0.63 0.00	54.01 -1.10 0.00	47.35 -1.16 0.00	39.24 -0.40 0.00	34.80 -0.86 0.00	33.17 -0.92 0.00	32.23 -1.10 0.00	32.17 -1.06 0.00	33.02 -0.85 0.00	34.31 -0.84 0.00	40.06 -0.78 0.00	50.78 -0.26 0.00	58.74 -0.71 0.00	54.78 -0.33 0.00	50.29 -0.10 0.00	44.51 0.74 0.00	39.39 1.00 0.00	35.27 0.66 0.00
MID___RAQUETTE_HYD 23851	29.76 -0.42 0.00	28.46 -0.29 0.00	26.97 -0.30 0.00	26.75 -0.24 0.00	28.16 -0.26 0.00	32.12 -0.72 0.00	43.76 -1.54 0.00	52.46 -2.65 0.00	46.00 -2.52 0.00	38.57 -1.07 0.00	34.09 -1.57 0.00	32.52 -1.57 0.00	31.63 -1.70 0.00	31.51 -1.73 0.00	32.31 -1.56 0.00	33.54 -1.62 0.00	39.28 -1.55 0.00	49.96 -1.07 0.00	57.08 -2.38 0.00	53.35 -1.76 0.00	49.33 -1.06 0.00	44.20 0.44 0.00	39.47 1.07 0.00	35.27 0.66 0.00
MILLIKEN___1 23584	30.81 0.63 0.00	29.32 0.57 0.00	27.81 0.55 0.00	27.53 0.54 0.00	28.98 0.57 0.00	33.63 0.79 0.00	46.57 1.27 0.00	56.93 1.82 0.00	49.93 1.41 0.00	41.03 1.39 0.00	36.80 1.14 0.00	35.11 1.02 0.00	34.23 0.90 0.00	34.13 0.90 0.00	34.74 0.88 0.00	36.07 0.91 0.00	41.81 0.98 0.00	52.46 1.43 0.00	61.72 2.26 0.00	57.04 1.93 0.00	51.80 1.41 0.00	44.95 1.18 0.00	39.47 1.07 0.00	35.47 0.87 0.00
MILLIKEN___2 23585	30.81 0.63 0.00	29.32 0.57 0.00	27.81 0.55 0.00	27.53 0.54 0.00	28.98 0.57 0.00	33.63 0.79 0.00	46.57 1.27 0.00	56.93 1.82 0.00	49.93 1.41 0.00	41.03 1.39 0.00	36.80 1.14 0.00	35.11 1.02 0.00	34.23 0.90 0.00	34.13 0.90 0.00	34.74 0.88 0.00	36.07 0.91 0.00	41.81 0.98 0.00	52.46 1.43 0.00	61.72 2.26 0.00	57.04 1.93 0.00	51.80 1.41 0.00	44.95 1.18 0.00	39.47 1.07 0.00	35.47 0.87 0.00
MILLIKEN___DIESEL 23629	30.81 0.63 0.00	29.32 0.57 0.00	27.81 0.55 0.00	27.53 0.54 0.00	28.98 0.57 0.00	33.63 0.79 0.00	46.57 1.27 0.00	56.93 1.82 0.00	49.93 1.41 0.00	41.03 1.39 0.00	36.80 1.14 0.00	35.11 1.02 0.00	34.23 0.90 0.00	34.13 0.90 0.00	34.74 0.88 0.00	36.07 0.91 0.00	41.81 0.98 0.00	52.46 1.43 0.00	61.72 2.26 0.00	57.04 1.93 0.00	51.80 1.41 0.00	44.95 1.18 0.00	39.47 1.07 0.00	35.47 0.87 0.00
MILLSEAT___LFGE 323607	29.19 -1.00 0.00	27.82 -0.92 0.00	26.39 -0.87 0.00	26.16 -0.84 0.00	27.70 -0.71 0.00	32.03 -0.82 0.00	43.76 -1.54 0.00	53.40 -1.71 0.00	46.92 -1.60 0.00	39.72 0.08 0.00	36.19 0.54 0.00	34.71 0.61 0.00	33.87 0.53 0.00	33.70 0.47 0.00	34.17 0.30 0.00	35.02 -0.14 0.00	39.73 -1.10 0.00	49.20 -1.83 0.00	58.20 -1.25 0.00	53.84 -1.27 0.00	48.37 -2.02 0.00	42.58 -1.18 0.00	37.51 -0.88 0.00	34.51 -0.10 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.63 1.45 0.00	29.98 1.24 0.00	28.47 1.20 0.00	28.15 1.16 0.00	29.66 1.25 0.00	34.23 1.38 0.00	47.11 1.81 0.00	57.26 2.15 0.00	50.41 1.89 0.00	40.79 1.15 0.00	36.84 1.18 0.00	35.28 1.19 0.00	34.53 1.20 0.00	34.50 1.26 0.00	35.18 1.32 0.00	36.60 1.44 0.00	42.51 1.67 0.00	53.07 2.04 0.00	62.55 3.09 0.00	57.42 2.31 0.00	52.31 1.91 0.00	45.34 1.58 0.00	39.58 1.19 0.00	35.65 1.04 0.00
MILLWOOD_13_KV_LOAD 356217	31.69 1.51 0.00	30.04 1.29 0.00	28.52 1.25 0.00	28.23 1.24 0.00	29.78 1.36 0.00	34.36 1.51 0.00	47.34 2.04 0.00	57.53 2.42 0.00	50.61 2.09 0.00	40.95 1.31 0.00	36.94 1.28 0.00	35.39 1.30 0.00	34.63 1.30 0.00	34.60 1.36 0.00	35.29 1.42 0.00	36.70 1.55 0.00	42.63 1.80 0.00	53.28 2.25 0.00	62.79 3.33 0.00	57.59 2.48 0.00	52.51 2.12 0.00	45.47 1.71 0.00	39.70 1.31 0.00	35.75 1.14 0.00
MODEL_CITY_ENERGY 24167	28.37 -1.81 0.00	27.08 -1.67 0.00	25.69 -1.58 0.00	25.46 -1.54 0.00	26.96 -1.45 0.00	31.07 -1.77 0.00	42.36 -2.94 0.00	51.31 -3.80 0.00	45.08 -3.44 0.00	38.41 -1.23 0.00	35.16 -0.50 0.00	33.75 -0.34 0.00	32.97 -0.37 0.00	32.87 -0.36 0.00	33.29 -0.58 0.00	34.07 -1.09 0.00	38.59 -2.25 0.00	47.56 -3.47 0.00	56.13 -3.33 0.00	51.91 -3.20 0.00	46.72 -3.68 0.00	41.22 -2.54 0.00	36.47 -1.92 0.00	33.60 -1.00 0.00
MODERN_LFGE___ 323580	28.37 -1.81 0.00	27.08 -1.67 0.00	25.69 -1.58 0.00	25.46 -1.54 0.00	26.96 -1.45 0.00	31.07 -1.77 0.00	42.36 -2.94 0.00	51.31 -3.80 0.00	45.08 -3.44 0.00	38.41 -1.23 0.00	35.16 -0.50 0.00	33.75 -0.34 0.00	32.97 -0.37 0.00	32.87 -0.36 0.00	33.29 -0.58 0.00	34.07 -1.09 0.00	38.59 -2.25 0.00	47.56 -3.47 0.00	56.13 -3.33 0.00	51.91 -3.20 0.00	46.72 -3.68 0.00	41.22 -2.54 0.00	36.47 -1.92 0.00	33.60 -1.00 0.00
MOHAWK_PAPER___DRP 24187	30.96 0.78 0.00	29.49 0.75 0.00	27.95 0.68 0.00	27.67 0.67 0.00	29.15 0.74 0.00	33.70 0.85 0.00	46.52 1.22 0.00	56.49 1.38 0.00	49.68 1.16 0.00	40.20 0.55 0.00	36.09 0.43 0.00	34.50 0.41 0.00	33.80 0.47 0.00	33.73 0.50 0.00	34.37 0.51 0.00	35.83 0.67 0.00	41.77 0.94 0.00	52.36 1.33 0.00	61.42 1.96 0.00	56.49 1.38 0.00	51.55 1.16 0.00	44.73 0.96 0.00	39.12 0.73 0.00	35.27 0.66 0.00
MOHICAN___35_KV_115KV_LD 80490	31.54 1.36 0.00	30.07 1.32 0.00	28.41 1.15 0.00	28.13 1.13 0.00	29.69 1.28 0.00	34.39 1.54 0.00	47.56 2.26 0.00	57.87 2.76 0.00	50.80 2.28 0.00	41.15 1.51 0.00	36.80 1.14 0.00	35.11 1.02 0.00	34.37 1.03 0.00	34.30 1.06 0.00	34.91 1.05 0.00	36.39 1.23 0.00	42.63 1.80 0.00	53.63 2.60 0.00	63.02 3.57 0.00	57.98 2.87 0.00	52.81 2.42 0.00	45.78 2.01 0.00	40.00 1.61 0.00	36.03 1.42 0.00
MONGAUP___HYD 23641	31.33 1.15 0.00	29.72 0.98 0.00	28.25 0.98 0.00	27.94 0.94 0.00	29.41 0.99 0.00	33.99 1.15 0.00	46.93 1.63 0.00	57.20 2.09 0.00	50.07 1.55 0.00	40.43 0.79 0.00	36.37 0.71 0.00	34.67 0.58 0.00	33.93 0.60 0.00	33.86 0.63 0.00	34.64 0.78 0.00	36.04 0.88 0.00	42.10 1.27 0.00	52.86 1.83 0.00	62.25 2.80 0.00	57.37 2.26 0.00	52.26 1.87 0.00	45.16 1.40 0.00	39.51 1.11 0.00	35.51 0.90 0.00
MONTAUK___DIESEL 23721	32.26 2.08 0.00	30.38 1.64 0.00	28.82 1.55 0.00	28.48 1.48 0.00	30.12 1.70 0.00	34.46 1.61 0.00	46.21 0.91 0.00	52.98 0.66 2.79	49.13 0.63 0.02	37.71 -0.12 1.81	36.15 0.50 0.01	35.15 1.06 0.00	34.47 1.13 0.00	34.70 1.46 0.00	35.35 1.49 0.00	36.46 1.30 0.00	42.59 1.76 0.00	53.17 2.14 0.00	63.26 3.81 0.00	57.48 2.37 0.00	52.11 1.71 0.00	45.60 1.84 0.00	39.39 1.00 0.00	35.99 1.38 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.70 -0.48 0.00	28.26 -0.49 0.00	26.89 -0.38 0.00	26.62 -0.38 0.00	27.90 -0.51 0.00	32.68 -0.16 0.00	44.67 -0.63 0.00	54.50 -0.61 0.00	47.79 -0.73 0.00	41.03 1.39 0.00	37.30 1.64 0.00	35.69 1.60 0.00	34.80 1.47 0.00	34.90 1.66 0.00	35.29 1.42 0.00	35.86 0.70 0.00	41.12 0.29 0.00	50.83 -0.20 0.00	60.29 0.83 0.00	55.61 0.50 0.00	49.94 -0.45 0.00	43.72 -0.04 0.00	38.70 0.31 0.00	35.44 0.83 0.00

MORRIS_RIDGE___SOLAR 323848	29.67 -0.51 0.00	28.28 -0.46 0.00	26.86 -0.41 0.00	26.62 -0.38 0.00	28.16 -0.26 0.00	32.52 -0.33 0.00	44.57 -0.73 0.00	54.28 -0.83 0.00	47.60 -0.92 0.00	39.96 0.32 0.00	36.23 0.57 0.00	34.67 0.58 0.00	33.87 0.53 0.00	33.73 0.50 0.00	34.20 0.34 0.00	35.23 0.07 0.00	40.18 -0.65 0.00	49.96 -1.07 0.00	59.22 -0.24 0.00	54.78 -0.33 0.00	49.43 -0.96 0.00	43.28 -0.48 0.00	38.28 -0.11 0.00	34.92 0.31 0.00
MORTIMER_115KV_TB3 55949	29.61 -0.57 0.00	28.23 -0.52 0.00	26.75 -0.52 0.00	26.48 -0.51 0.00	27.79 -0.63 0.00	32.39 -0.46 0.00	44.44 -0.86 0.00	54.39 -0.72 0.00	48.23 -0.29 0.00	40.31 0.67 0.00	36.48 0.82 0.00	34.88 0.78 0.00	33.97 0.63 0.00	33.87 0.63 0.00	34.37 0.51 0.00	35.33 0.18 0.00	40.46 -0.37 0.00	50.32 -0.71 0.00	59.40 -0.06 0.00	54.89 -0.22 0.00	49.59 -0.81 0.00	43.28 -0.48 0.00	38.05 -0.35 0.00	34.54 -0.07 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.87 1.69 0.00	30.18 1.44 0.00	28.66 1.39 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.42 1.58 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.75 2.23 0.00	41.15 1.51 0.00	37.19 1.53 0.00	35.63 1.53 0.00	34.90 1.57 0.00	34.86 1.63 0.00	35.56 1.69 0.00	36.99 1.83 0.00	42.91 2.08 0.00	53.53 2.50 0.00	63.08 3.63 0.00	57.87 2.76 0.00	52.71 2.32 0.00	45.69 1.93 0.00	39.89 1.50 0.00	35.92 1.32 0.00
MUNSVILLE_WIND_PWR 323609	32.41 2.23 0.00	30.90 2.16 0.00	29.29 2.02 0.00	29.10 2.11 0.00	30.63 2.22 0.00	35.54 2.69 0.00	49.46 4.16 0.00	60.73 5.62 0.00	53.18 4.66 0.00	43.69 4.05 0.00	38.87 3.21 0.00	37.09 3.00 0.00	35.87 2.53 0.00	35.83 2.59 0.00	36.44 2.57 0.00	37.83 2.67 0.00	43.90 3.06 0.00	55.67 4.64 0.00	66.00 6.54 0.00	61.12 6.01 0.00	55.33 4.94 0.00	47.79 4.02 0.00	41.81 3.42 0.00	37.52 2.91 0.00
N SALMON___HYD 24042	29.58 -0.60 0.00	28.31 -0.43 0.00	26.83 -0.44 0.00	26.56 -0.43 0.00	27.96 -0.46 0.00	32.19 -0.66 0.00	44.21 -1.09 0.00	53.79 -1.32 0.00	47.31 -1.21 0.00	39.17 -0.47 0.00	34.98 -0.68 0.00	33.44 -0.65 0.00	32.80 -0.53 0.00	32.53 -0.70 0.00	33.22 -0.64 0.00	34.45 -0.70 0.00	40.34 -0.49 0.00	50.78 -0.25 0.00	58.39 -1.07 0.00	54.67 -0.44 0.00	50.49 0.10 0.00	44.11 0.35 0.00	39.20 0.81 0.00	35.23 0.62 0.00
N.AKRON__115KV_KNAPP 355671	29.18 -1.00 0.00	27.80 -0.95 0.00	26.40 -0.87 0.00	26.13 -0.86 0.00	27.36 -1.05 0.00	31.99 -0.85 0.00	43.49 -1.81 0.00	53.13 -1.98 0.00	46.53 -1.99 0.00	39.68 0.04 0.00	36.16 0.50 0.00	34.57 0.48 0.00	33.67 0.33 0.00	33.63 0.40 0.00	34.10 0.24 0.00	34.67 -0.49 0.00	39.73 -1.10 0.00	49.09 -1.94 0.00	58.33 -1.13 0.00	53.79 -1.32 0.00	48.33 -2.07 0.00	42.41 -1.36 0.00	37.43 -0.96 0.00	34.37 -0.24 0.00
N.BELMOR_69_KV_BK1 55787	32.26 2.08 0.00	30.47 1.72 0.00	28.90 1.64 0.00	28.59 1.59 0.00	30.17 1.76 0.00	34.59 1.74 0.00	46.98 1.68 0.00	55.25 1.76 1.63	50.11 1.60 0.01	39.38 0.79 1.06	36.65 1.00 0.00	35.35 1.26 0.00	34.63 1.30 0.00	34.73 1.50 0.00	35.35 1.49 0.00	36.53 1.37 0.00	42.42 1.59 0.00	52.82 1.79 0.00	62.55 3.09 0.00	57.20 2.09 0.00	52.16 1.76 0.00	45.38 1.62 0.00	39.47 1.07 0.00	35.79 1.18 0.00
N.E_GEN_SANDY PD 24062	33.72 1.06 -2.48	32.91 0.95 -3.22	30.54 0.90 -2.37	31.07 0.89 -3.19	33.47 0.94 -4.12	37.91 1.05 -4.01	47.00 1.41 -0.29	56.76 1.65 0.00	49.88 1.36 0.00	40.27 0.63 0.00	36.26 0.61 0.00	34.67 0.58 0.00	33.93 0.60 0.00	33.93 0.70 0.00	34.61 0.74 0.00	36.00 0.84 0.00	42.02 1.18 0.00	52.56 1.53 0.00	61.66 2.20 0.00	56.65 1.54 0.00	51.70 1.31 0.00	44.81 1.05 0.00	39.24 0.84 0.00	35.37 0.76 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.39 1.21 0.00	29.78 1.03 0.00	28.28 1.01 0.00	27.99 1.00 0.00	29.49 1.08 0.00	34.03 1.18 0.00	46.84 1.54 0.00	56.87 1.76 0.00	49.93 1.41 0.00	40.51 0.87 0.00	36.51 0.86 0.00	34.91 0.82 0.00	34.20 0.87 0.00	34.13 0.90 0.00	34.85 0.98 0.00	36.25 1.09 0.00	42.10 1.27 0.00	52.66 1.63 0.00	62.01 2.56 0.00	56.98 1.87 0.00	51.90 1.51 0.00	44.95 1.18 0.00	39.24 0.84 0.00	35.37 0.76 0.00
N.QUEENS_27_KV_LOAD 356247	31.88 1.69 -0.01	30.16 1.41 -0.01	28.64 1.36 -0.01	28.35 1.35 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.43 2.13 0.00	57.70 2.59 0.00	50.89 2.38 0.01	41.30 1.66 0.01	37.33 1.68 0.01	35.79 1.70 0.01	35.06 1.73 0.01	35.02 1.79 0.01	35.72 1.86 0.01	37.15 2.00 0.01	43.07 2.25 0.01	53.68 2.65 0.00	63.26 3.81 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.77 2.01 0.01	39.94 1.54 -0.01	35.93 1.32 -0.01
N.TROY___115KV_TB1 355778	31.12 0.94 0.00	29.61 0.86 0.00	28.06 0.79 0.00	27.78 0.78 0.00	29.26 0.85 0.00	33.83 0.99 0.00	46.70 1.40 0.00	56.76 1.65 0.00	49.88 1.36 0.00	40.39 0.75 0.00	36.27 0.61 0.00	34.67 0.58 0.00	33.93 0.60 0.00	33.87 0.63 0.00	34.54 0.68 0.00	35.97 0.81 0.00	41.98 1.14 0.00	52.56 1.53 0.00	61.66 2.20 0.00	56.71 1.60 0.00	51.75 1.36 0.00	44.90 1.14 0.00	39.31 0.92 0.00	35.44 0.83 0.00
NARROWS_GT1_1 24228	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
NARROWS_GT1_2 24229	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
NARROWS_GT1_3 24230	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
NARROWS_GT1_4 24231	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01

NARROWS_GT1_5 24232	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
NARROWS_GT1_6 24233	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
NARROWS_GT1_7 24234	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
NARROWS_GT1_8 24235	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
NARROWS_GT2_1 24236	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
NARROWS_GT2_2 24237	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
NARROWS_GT2_3 24238	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
NARROWS_GT2_4 24239	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
NARROWS_GT2_5 24240	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
NARROWS_GT2_6 24241	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
NARROWS_GT2_7 24242	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
NARROWS_GT2_8 24243	32.09 1.90 -0.01	30.39 1.64 -0.01	28.86 1.58 -0.01	28.54 1.54 -0.01	30.07 1.65 -0.01	34.66 1.81 -0.01	47.52 2.22 0.00	57.86 2.75 0.00	50.90 2.38 -0.01	41.35 1.70 -0.01	43.89 1.75 -6.48	44.59 1.77 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.26 1.93 -9.47	45.27 2.07 -8.03	45.32 2.41 -2.08	53.89 2.86 0.00	63.44 3.98 0.00	58.25 3.14 0.00	52.96 2.57 0.00	46.00 2.23 -0.01	40.17 1.77 -0.01	36.14 1.52 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.00 0.81 0.00	29.52 0.78 0.00	27.98 0.71 0.00	27.69 0.70 0.00	29.18 0.77 0.00	33.83 0.99 0.00	46.98 1.68 0.00	57.04 1.93 0.00	49.97 1.46 0.00	40.16 0.52 0.00	35.80 0.14 0.00	34.06 -0.03 0.00	33.37 0.03 0.00	33.27 0.03 0.00	34.00 0.14 0.00	35.47 0.32 0.00	41.77 0.94 0.00	52.71 1.68 0.00	62.01 2.56 0.00	57.15 2.04 0.00	52.11 1.71 0.00	45.12 1.36 0.00	39.47 1.07 0.00	35.51 0.90 0.00
NCHELSEA_115KV_TR2 355582	31.60 1.42 0.00	29.95 1.21 0.00	28.47 1.20 0.00	28.15 1.16 0.00	29.66 1.25 0.00	34.29 1.45 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.61 2.09 0.00	40.83 1.19 0.00	36.80 1.14 0.00	35.11 1.02 0.00	34.40 1.07 0.00	34.33 1.10 0.00	35.08 1.22 0.00	36.46 1.30 0.00	42.51 1.67 0.00	53.22 2.19 0.00	62.73 3.27 0.00	57.70 2.59 0.00	52.56 2.17 0.00	45.47 1.71 0.00	39.74 1.34 0.00	35.75 1.14 0.00
NEG CAPITAL___MECHNVIL 23645	31.45 1.27 0.00	29.95 1.21 0.00	28.36 1.09 0.00	28.07 1.08 0.00	29.58 1.17 0.00	34.26 1.41 0.00	47.29 1.99 0.00	57.53 2.42 0.00	50.51 1.99 0.00	40.95 1.31 0.00	36.69 1.03 0.00	35.04 0.95 0.00	34.33 1.00 0.00	34.27 1.03 0.00	34.88 1.01 0.00	36.32 1.16 0.00	42.51 1.67 0.00	53.33 2.30 0.00	62.66 3.21 0.00	57.65 2.54 0.00	52.51 2.12 0.00	45.56 1.80 0.00	39.85 1.46 0.00	35.92 1.31 0.00

NEG CENTRAL_HIGH_ACRES 23767	29.82 -0.36 0.00	28.43 -0.32 0.00	26.94 -0.33 0.00	26.67 -0.32 0.00	28.21 -0.20 0.00	32.65 -0.20 0.00	45.12 -0.18 0.00	55.22 0.11 0.00	48.86 0.34 0.00	40.63 0.99 0.00	36.77 1.11 0.00	35.11 1.02 0.00	34.27 0.93 0.00	34.06 0.83 0.00	34.61 0.74 0.00	35.72 0.56 0.00	40.79 -0.04 0.00	50.83 -0.20 0.00	59.88 0.42 0.00	55.33 0.22 0.00	50.04 -0.35 0.00	43.72 -0.04 0.00	38.39 0.00 0.00	34.75 0.14 0.00
NEG CENTRAL___DRP 24199	30.15 -0.03 0.00	28.72 -0.03 0.00	27.24 -0.03 0.00	26.97 -0.03 0.00	28.35 -0.06 0.00	32.98 0.13 0.00	45.48 0.18 0.00	55.61 0.50 0.00	48.91 0.39 0.00	40.43 0.79 0.00	36.48 0.82 0.00	34.81 0.72 0.00	33.93 0.60 0.00	33.83 0.60 0.00	34.40 0.54 0.00	35.58 0.42 0.00	41.00 0.16 0.00	51.23 0.20 0.00	60.29 0.83 0.00	55.72 0.61 0.00	50.54 0.15 0.00	43.90 0.13 0.00	38.66 0.27 0.00	34.89 0.28 0.00
NEG CENTRAL___INDECK 23768	30.48 0.30 0.00	29.03 0.29 0.00	27.54 0.27 0.00	27.26 0.27 0.00	28.86 0.45 0.00	33.47 0.62 0.00	46.39 1.09 0.00	56.98 1.87 0.00	49.93 1.41 0.00	41.50 1.86 0.00	37.37 1.71 0.00	35.63 1.54 0.00	34.70 1.37 0.00	34.56 1.33 0.00	35.12 1.25 0.00	36.25 1.09 0.00	40.22 -0.61 0.00	50.37 -0.66 0.00	59.69 0.24 0.00	55.44 0.33 0.00	49.94 -0.45 0.00	43.63 -0.13 0.00	39.58 1.19 0.00	35.85 1.24 0.00
NEG CENTRAL___SENECA 23627	30.33 0.15 0.00	28.89 0.14 0.00	27.40 0.14 0.00	27.13 0.13 0.00	28.53 0.11 0.00	33.21 0.36 0.00	45.71 0.41 0.00	55.99 0.88 0.00	49.20 0.68 0.00	40.83 1.19 0.00	36.94 1.28 0.00	35.22 1.13 0.00	34.33 1.00 0.00	34.20 0.96 0.00	34.78 0.91 0.00	35.90 0.74 0.00	41.24 0.41 0.00	51.54 0.51 0.00	60.82 1.37 0.00	56.16 1.05 0.00	50.85 0.45 0.00	44.20 0.44 0.00	39.01 0.61 0.00	35.23 0.62 0.00
NEG CENTRAL___STATE_STREET 24147	30.12 -0.06 0.00	28.66 -0.09 0.00	27.19 -0.08 0.00	26.91 -0.08 0.00	28.30 -0.11 0.00	32.81 -0.03 0.00	45.39 0.09 0.00	55.50 0.39 0.00	48.76 0.24 0.00	40.16 0.52 0.00	36.12 0.46 0.00	34.47 0.38 0.00	33.60 0.27 0.00	33.50 0.27 0.00	34.10 0.24 0.00	35.33 0.18 0.00	40.87 0.04 0.00	51.13 0.10 0.00	59.99 0.54 0.00	55.44 0.33 0.00	50.44 0.05 0.00	43.81 0.04 0.00	38.47 0.08 0.00	34.64 0.03 0.00
NEG MILLWOOD___DRP 24198	31.81 1.63 0.00	30.15 1.41 0.00	28.63 1.36 0.00	28.32 1.32 0.00	29.95 1.53 0.00	34.65 1.81 0.00	47.79 2.49 0.00	58.14 3.03 0.00	51.14 2.62 0.00	41.23 1.59 0.00	37.16 1.50 0.00	35.49 1.40 0.00	34.73 1.40 0.00	34.63 1.40 0.00	35.35 1.49 0.00	36.81 1.65 0.00	42.83 2.00 0.00	53.63 2.60 0.00	63.26 3.81 0.00	58.09 2.98 0.00	52.96 2.57 0.00	45.78 2.01 0.00	39.97 1.57 0.00	35.99 1.38 0.00
NEG NORTH_FLCN_SEA 23793	29.00 -1.18 0.00	27.80 -0.95 0.00	26.37 -0.90 0.00	25.99 -1.00 0.00	27.36 -1.05 0.00	31.50 -1.35 0.00	43.13 -2.17 0.00	52.74 -2.37 0.00	46.43 -2.09 0.00	38.81 -0.83 0.00	34.87 -0.78 0.00	33.44 -0.65 0.00	33.00 -0.33 0.00	32.67 -0.56 0.00	33.32 -0.54 0.00	34.52 -0.63 0.00	40.46 -0.37 0.00	50.32 -0.71 0.00	58.21 -1.25 0.00	54.45 -0.66 0.00	50.19 -0.20 0.00	43.55 -0.22 0.00	39.12 0.73 0.00	35.27 0.66 0.00
NEG NORTH_KES_CHATEGAY 23792	29.27 -0.91 0.00	28.00 -0.75 0.00	26.56 -0.71 0.00	26.24 -0.76 0.00	27.64 -0.77 0.00	31.86 -0.99 0.00	43.85 -1.45 0.00	53.51 -1.60 0.00	47.06 -1.46 0.00	38.81 -0.83 0.00	34.84 -0.82 0.00	33.34 -0.75 0.00	32.73 -0.60 0.00	32.47 -0.76 0.00	33.12 -0.74 0.00	34.35 -0.81 0.00	40.18 -0.65 0.00	50.37 -0.66 0.00	58.03 -1.43 0.00	54.28 -0.83 0.00	50.09 -0.30 0.00	43.55 -0.22 0.00	38.70 0.31 0.00	34.85 0.24 0.00
NEG NORTH___ALICE_FALLS 23915	29.18 -1.00 0.00	27.97 -0.78 0.00	26.53 -0.74 0.00	26.18 -0.81 0.00	27.56 -0.85 0.00	31.76 -1.08 0.00	43.62 -1.68 0.00	53.40 -1.71 0.00	46.92 -1.60 0.00	39.09 -0.55 0.00	35.09 -0.57 0.00	33.61 -0.48 0.00	33.13 -0.20 0.00	32.83 -0.40 0.00	33.49 -0.37 0.00	34.70 -0.46 0.00	40.71 -0.12 0.00	50.83 -0.20 0.00	58.74 -0.71 0.00	54.94 -0.17 0.00	50.59 0.20 0.00	43.90 0.13 0.00	39.28 0.88 0.00	35.41 0.80 0.00
NEG NORTH___LWR_SARANAC 23913	29.18 -1.00 0.00	27.97 -0.78 0.00	26.53 -0.74 0.00	26.18 -0.81 0.00	27.56 -0.85 0.00	31.76 -1.08 0.00	43.62 -1.68 0.00	53.40 -1.71 0.00	46.92 -1.60 0.00	39.09 -0.55 0.00	35.09 -0.57 0.00	33.61 -0.48 0.00	33.13 -0.20 0.00	32.83 -0.40 0.00	33.49 -0.37 0.00	34.70 -0.46 0.00	40.71 -0.12 0.00	50.83 -0.20 0.00	58.74 -0.71 0.00	54.94 -0.17 0.00	50.59 0.20 0.00	43.90 0.13 0.00	39.28 0.88 0.00	35.41 0.80 0.00
NEG NORTH___PLATTSBURG 23628	29.19 -1.00 0.00	27.97 -0.77 0.00	26.53 -0.73 0.00	26.18 -0.81 0.00	27.56 -0.85 0.00	31.76 -1.08 0.00	43.62 -1.68 0.00	53.34 -1.77 0.00	46.92 -1.60 0.00	39.09 -0.56 0.00	35.09 -0.57 0.00	33.61 -0.48 0.00	33.13 -0.20 0.00	32.84 -0.40 0.00	33.49 -0.37 0.00	34.70 -0.46 0.00	40.71 -0.12 0.00	50.78 -0.25 0.00	58.68 -0.77 0.00	54.94 -0.16 0.00	50.70 0.30 0.00	43.90 0.13 0.00	39.28 0.88 0.00	35.41 0.80 0.00
NEG WEST_LEA_LOCKPORT 23791	28.70 -1.48 0.00	27.39 -1.35 0.00	26.01 -1.25 0.00	25.75 -1.24 0.00	26.93 -1.48 0.00	31.47 -1.38 0.00	42.40 -2.90 0.00	51.53 -3.58 0.00	45.12 -3.40 0.00	38.73 -0.91 0.00	35.34 -0.32 0.00	33.85 -0.24 0.00	33.00 -0.33 0.00	33.00 -0.23 0.00	33.42 -0.44 0.00	33.96 -1.20 0.00	38.87 -1.96 0.00	47.87 -3.16 0.00	56.78 -2.68 0.00	52.35 -2.76 0.00	47.12 -3.28 0.00	41.40 -2.36 0.00	36.66 -1.73 0.00	33.85 -0.76 0.00
NEG WEST___LANCASTER 23811	29.46 -0.72 0.00	28.08 -0.66 0.00	26.70 -0.57 0.00	26.43 -0.57 0.00	27.70 -0.71 0.00	32.32 -0.53 0.00	44.03 -1.27 0.00	53.35 -1.76 0.00	46.68 -1.84 0.00	40.04 0.40 0.00	36.41 0.75 0.00	34.81 0.72 0.00	33.93 0.60 0.00	33.96 0.73 0.00	34.37 0.51 0.00	35.02 -0.14 0.00	40.10 -0.73 0.00	49.60 -1.43 0.00	58.62 -0.83 0.00	54.12 -0.99 0.00	48.63 -1.76 0.00	42.54 -1.23 0.00	37.62 -0.77 0.00	34.61 0.00 0.00
NEG_PENN_ALLEGHNY 23528	30.72 0.54 0.00	29.26 0.52 0.00	27.76 0.49 0.00	27.48 0.49 0.00	28.98 0.57 0.00	33.54 0.69 0.00	46.39 1.09 0.00	56.65 1.54 0.00	49.73 1.21 0.00	41.11 1.47 0.00	37.01 1.35 0.00	35.35 1.26 0.00	34.50 1.17 0.00	34.36 1.13 0.00	34.95 1.08 0.00	36.18 1.02 0.00	41.81 0.98 0.00	52.25 1.22 0.00	61.42 1.96 0.00	56.76 1.65 0.00	50.79 0.40 0.00	44.20 0.44 0.00	38.82 0.42 0.00	35.03 0.42 0.00
NEG___GEN_MONROE 24207	29.61 -0.57 0.00	28.20 -0.55 0.00	26.75 -0.52 0.00	26.48 -0.51 0.00	27.76 -0.65 0.00	32.35 -0.49 0.00	44.30 -1.00 0.00	54.12 -0.99 0.00	47.89 -0.63 0.00	40.16 0.52 0.00	36.41 0.75 0.00	34.77 0.68 0.00	33.87 0.53 0.00	33.77 0.53 0.00	34.24 0.37 0.00	35.19 0.04 0.00	40.26 -0.57 0.00	50.01 -1.02 0.00	59.16 -0.30 0.00	54.67 -0.44 0.00	49.38 -1.01 0.00	43.11 -0.66 0.00	37.97 -0.42 0.00	34.57 -0.03 0.00

NEPA__ENERGY 23901	29.43 -0.75 0.00	28.08 -0.66 0.00	26.67 -0.60 0.00	26.43 -0.57 0.00	27.70 -0.71 0.00	32.32 -0.53 0.00	43.99 -1.31 0.00	53.51 -1.60 0.00	46.87 -1.65 0.00	40.16 0.52 0.00	36.48 0.82 0.00	34.88 0.78 0.00	34.00 0.67 0.00	34.03 0.80 0.00	34.44 0.58 0.00	35.12 -0.04 0.00	40.26 -0.57 0.00	49.86 -1.17 0.00	58.92 -0.54 0.00	54.39 -0.72 0.00	48.88 -1.51 0.00	42.76 -1.01 0.00	37.82 -0.58 0.00	34.61 0.00 0.00
NEVERSink__HYD 23608	31.54 1.36 0.00	29.92 1.18 0.00	28.41 1.15 0.00	28.13 1.13 0.00	29.60 1.19 0.00	34.22 1.38 0.00	47.20 1.90 0.00	57.53 2.42 0.00	50.46 1.94 0.00	40.83 1.19 0.00	36.73 1.07 0.00	35.01 0.92 0.00	34.27 0.93 0.00	34.20 0.96 0.00	34.95 1.08 0.00	36.32 1.16 0.00	42.42 1.59 0.00	53.22 2.19 0.00	62.66 3.21 0.00	57.81 2.70 0.00	52.61 2.21 0.00	45.52 1.75 0.00	39.74 1.34 0.00	35.72 1.11 0.00
NEWKRMKL_115KV_TB1 55635	30.60 0.42 0.00	29.15 0.40 0.00	27.62 0.35 0.00	27.34 0.35 0.00	28.81 0.40 0.00	33.31 0.46 0.00	46.02 0.72 0.00	55.83 0.72 0.00	49.10 0.58 0.00	39.76 0.12 0.00	35.69 0.04 0.00	34.13 0.03 0.00	33.43 0.10 0.00	33.37 0.13 0.00	34.00 0.14 0.00	35.40 0.25 0.00	41.28 0.45 0.00	51.74 0.71 0.00	60.65 1.19 0.00	55.83 0.72 0.00	50.95 0.55 0.00	44.20 0.44 0.00	38.66 0.27 0.00	34.85 0.24 0.00
NEWTON__FALLS_HYD 23847	29.97 -0.21 0.00	28.63 -0.11 0.00	27.13 -0.14 0.00	26.89 -0.11 0.00	28.30 -0.11 0.00	32.52 -0.33 0.00	44.67 -0.63 0.00	54.01 -1.10 0.00	47.35 -1.16 0.00	39.24 -0.40 0.00	34.80 -0.86 0.00	33.17 -0.92 0.00	32.23 -1.10 0.00	32.17 -1.06 0.00	33.02 -0.85 0.00	34.31 -0.84 0.00	40.06 -0.78 0.00	50.78 -0.26 0.00	58.74 -0.71 0.00	54.78 -0.33 0.00	50.29 -0.10 0.00	44.51 0.74 0.00	39.39 1.00 0.00	35.27 0.66 0.00
NGRID_A1_DSASP 323792	28.28 -1.90 0.00	26.99 -1.75 0.00	25.63 -1.64 0.00	25.40 -1.59 0.00	26.91 -1.51 0.00	30.94 -1.91 0.00	42.26 -3.03 0.00	51.14 -3.97 0.00	44.88 -3.64 0.00	38.33 -1.31 0.00	35.09 -0.57 0.00	33.75 -0.34 0.00	32.97 -0.37 0.00	32.84 -0.40 0.00	33.25 -0.61 0.00	34.07 -1.09 0.00	38.55 -2.29 0.00	47.46 -3.57 0.00	55.95 -3.51 0.00	51.80 -3.31 0.00	46.61 -3.78 0.00	41.18 -2.58 0.00	36.44 -1.96 0.00	33.50 -1.11 0.00
NGRID_A2_DSASP 323793	28.28 -1.90 0.00	26.99 -1.75 0.00	25.63 -1.64 0.00	25.40 -1.59 0.00	26.91 -1.51 0.00	30.94 -1.91 0.00	42.26 -3.03 0.00	51.14 -3.97 0.00	44.88 -3.64 0.00	38.33 -1.31 0.00	35.09 -0.57 0.00	33.75 -0.34 0.00	32.97 -0.37 0.00	32.84 -0.40 0.00	33.25 -0.61 0.00	34.07 -1.09 0.00	38.55 -2.29 0.00	47.46 -3.57 0.00	55.95 -3.51 0.00	51.80 -3.31 0.00	46.61 -3.78 0.00	41.18 -2.58 0.00	36.44 -1.96 0.00	33.50 -1.11 0.00
NGRID_A4_DSASP 323807	28.28 -1.90 0.00	26.99 -1.75 0.00	25.63 -1.64 0.00	25.40 -1.59 0.00	26.91 -1.51 0.00	30.94 -1.91 0.00	42.26 -3.03 0.00	51.14 -3.97 0.00	44.88 -3.64 0.00	38.33 -1.31 0.00	35.09 -0.57 0.00	33.75 -0.34 0.00	32.97 -0.37 0.00	32.84 -0.40 0.00	33.25 -0.61 0.00	34.07 -1.09 0.00	38.55 -2.29 0.00	47.46 -3.57 0.00	55.95 -3.51 0.00	51.80 -3.31 0.00	46.61 -3.78 0.00	41.18 -2.58 0.00	36.44 -1.96 0.00	33.50 -1.11 0.00
NIAGARA_115E_LBMP 323715	28.19 -1.99 0.00	26.88 -1.87 0.00	25.52 -1.75 0.00	25.29 -1.70 0.00	26.79 -1.62 0.00	30.84 -2.00 0.00	42.08 -3.22 0.00	50.98 -4.13 0.00	44.73 -3.78 0.00	38.17 -1.47 0.00	34.95 -0.71 0.00	33.58 -0.51 0.00	32.80 -0.53 0.00	32.67 -0.57 0.00	33.09 -0.78 0.00	33.89 -1.26 0.00	38.34 -2.49 0.00	47.25 -3.78 0.00	55.77 -3.69 0.00	51.58 -3.53 0.00	46.41 -3.98 0.00	41.01 -2.76 0.00	36.24 -2.15 0.00	33.40 -1.21 0.00
NIAGARA_115W_LBMP 323714	28.22 -1.96 0.00	26.93 -1.81 0.00	25.58 -1.69 0.00	25.35 -1.65 0.00	26.85 -1.56 0.00	30.88 -1.97 0.00	42.17 -3.13 0.00	51.03 -4.08 0.00	44.78 -3.73 0.00	38.25 -1.39 0.00	35.02 -0.64 0.00	33.65 -0.44 0.00	32.90 -0.43 0.00	32.77 -0.47 0.00	33.19 -0.68 0.00	33.96 -1.20 0.00	38.42 -2.41 0.00	47.36 -3.67 0.00	55.83 -3.63 0.00	51.69 -3.42 0.00	46.51 -3.88 0.00	41.09 -2.67 0.00	36.36 -2.04 0.00	33.43 -1.18 0.00
NIAGARA_230_LBMP 323716	28.49 -1.69 0.00	27.19 -1.55 0.00	25.82 -1.45 0.00	25.59 -1.40 0.00	27.11 -1.31 0.00	31.17 -1.67 0.00	42.58 -2.72 0.00	51.53 -3.58 0.00	45.27 -3.25 0.00	38.57 -1.07 0.00	35.30 -0.36 0.00	33.92 -0.17 0.00	33.13 -0.20 0.00	33.00 -0.23 0.00	33.42 -0.44 0.00	34.24 -0.91 0.00	38.79 -2.04 0.00	47.82 -3.21 0.00	56.43 -3.03 0.00	52.24 -2.87 0.00	47.02 -3.38 0.00	41.49 -2.28 0.00	36.70 -1.69 0.00	33.71 -0.90 0.00
NIAGARA__115KV_198_GIBSON 55903	28.22 -1.96 0.00	26.93 -1.81 0.00	25.58 -1.69 0.00	25.32 -1.67 0.00	26.48 -1.93 0.00	30.87 -1.97 0.00	41.90 -3.40 0.00	50.81 -4.30 0.00	44.44 -4.08 0.00	38.25 -1.39 0.00	34.98 -0.68 0.00	33.55 -0.55 0.00	32.70 -0.63 0.00	32.70 -0.53 0.00	33.12 -0.74 0.00	33.61 -1.55 0.00	38.42 -2.41 0.00	47.36 -3.67 0.00	56.01 -3.45 0.00	51.69 -3.42 0.00	46.51 -3.88 0.00	40.96 -2.80 0.00	36.32 -2.07 0.00	33.29 -1.32 0.00
NIAGARA____ 23760	28.49 -1.69 0.00	27.19 -1.55 0.00	25.82 -1.45 0.00	25.59 -1.40 0.00	27.11 -1.31 0.00	31.17 -1.67 0.00	42.58 -2.72 0.00	51.53 -3.58 0.00	45.27 -3.25 0.00	38.57 -1.07 0.00	35.30 -0.36 0.00	33.92 -0.17 0.00	33.13 -0.20 0.00	33.00 -0.23 0.00	33.42 -0.44 0.00	34.24 -0.91 0.00	38.79 -2.04 0.00	47.82 -3.21 0.00	56.43 -3.03 0.00	52.24 -2.87 0.00	47.02 -3.38 0.00	41.49 -2.28 0.00	36.70 -1.69 0.00	33.71 -0.90 0.00
NINE_MILE_1 23575	29.30 -0.88 0.00	27.91 -0.83 0.00	26.48 -0.79 0.00	26.21 -0.78 0.00	27.62 -0.80 0.00	31.93 -0.92 0.00	44.08 -1.22 0.00	53.73 -1.38 0.00	47.31 -1.21 0.00	38.81 -0.83 0.00	34.95 -0.71 0.00	33.41 -0.68 0.00	32.63 -0.70 0.00	32.50 -0.73 0.00	33.12 -0.75 0.00	34.35 -0.81 0.00	39.73 -1.10 0.00	49.65 -1.38 0.00	58.09 -1.37 0.00	53.73 -1.38 0.00	48.98 -1.41 0.00	42.58 -1.18 0.00	37.36 -1.03 0.00	33.71 -0.90 0.00
NINE_MILE_2 23744	29.30 -0.88 0.00	27.91 -0.83 0.00	26.48 -0.79 0.00	26.21 -0.78 0.00	27.62 -0.80 0.00	31.93 -0.92 0.00	44.08 -1.22 0.00	53.73 -1.38 0.00	47.35 -1.16 0.00	38.81 -0.83 0.00	34.95 -0.71 0.00	33.41 -0.68 0.00	32.63 -0.70 0.00	32.50 -0.73 0.00	33.12 -0.75 0.00	34.35 -0.81 0.00	39.73 -1.10 0.00	49.65 -1.38 0.00	58.09 -1.37 0.00	53.73 -1.38 0.00	48.98 -1.41 0.00	42.58 -1.18 0.00	37.36 -1.03 0.00	33.71 -0.90 0.00
NM_CAPITAL__DRP 24208	30.72 0.54 0.00	29.26 0.52 0.00	27.73 0.46 0.00	27.45 0.46 0.00	28.92 0.51 0.00	33.44 0.59 0.00	46.16 0.86 0.00	55.99 0.88 0.00	49.25 0.73 0.00	39.88 0.24 0.00	35.80 0.14 0.00	34.23 0.14 0.00	33.53 0.20 0.00	33.47 0.23 0.00	34.10 0.24 0.00	35.54 0.39 0.00	41.44 0.61 0.00	51.90 0.87 0.00	60.82 1.37 0.00	55.94 0.83 0.00	51.10 0.71 0.00	44.33 0.57 0.00	38.81 0.42 0.00	34.99 0.38 0.00

NM_CENTRAL___DRP 24181	29.85 -0.33 0.00	28.43 -0.32 0.00	26.94 -0.33 0.00	26.67 -0.32 0.00	28.07 -0.34 0.00	32.55 -0.30 0.00	44.98 -0.32 0.00	54.89 -0.22 0.00	48.32 -0.19 0.00	39.72 0.08 0.00	35.77 0.11 0.00	34.16 0.07 0.00	33.33 0.00 0.00	33.23 0.00 0.00	33.83 -0.03 0.00	35.02 -0.14 0.00	40.55 -0.29 0.00	50.67 -0.36 0.00	59.40 -0.06 0.00	54.89 -0.22 0.00	49.99 -0.40 0.00	43.41 -0.35 0.00	38.09 -0.31 0.00	34.33 -0.28 0.00
NM_FRONTIER___DRP 24179	28.22 -1.96 0.00	26.93 -1.81 0.00	25.58 -1.69 0.00	25.32 -1.67 0.00	26.48 -1.93 0.00	30.87 -1.97 0.00	41.90 -3.40 0.00	50.81 -4.30 0.00	44.44 -4.08 0.00	38.25 -1.39 0.00	34.98 -0.68 0.00	33.55 -0.55 0.00	32.70 -0.63 0.00	32.70 -0.53 0.00	33.12 -0.74 0.00	33.61 -1.55 0.00	38.42 -2.41 0.00	47.36 -3.67 0.00	56.01 -3.45 0.00	51.69 -3.42 0.00	46.51 -3.88 0.00	40.96 -2.80 0.00	36.32 -2.07 0.00	33.29 -1.32 0.00
NM_ST_REGIS___HYD 24053	29.67 -0.51 0.00	28.37 -0.37 0.00	26.91 -0.35 0.00	26.67 -0.32 0.00	28.07 -0.34 0.00	32.09 -0.76 0.00	43.80 -1.49 0.00	52.74 -2.37 0.00	46.24 -2.28 0.00	38.69 -0.95 0.00	34.27 -1.39 0.00	32.73 -1.36 0.00	31.90 -1.43 0.00	31.74 -1.50 0.00	32.47 -1.39 0.00	33.72 -1.44 0.00	39.48 -1.35 0.00	50.11 -0.92 0.00	57.32 -2.14 0.00	53.62 -1.49 0.00	49.59 -0.81 0.00	44.16 0.39 0.00	39.35 0.96 0.00	35.23 0.62 0.00
NORTHPORT___1 23551	32.30 2.11 -0.01	30.47 1.72 0.00	28.90 1.64 0.00	28.56 1.56 0.00	30.17 1.76 0.00	34.52 1.67 0.00	46.12 0.82 0.00	53.18 0.94 2.87	49.12 0.63 0.03	38.05 0.28 1.87	36.07 0.43 0.02	34.64 0.54 0.00	33.90 0.57 0.00	33.96 0.73 0.00	34.71 0.85 0.00	35.93 0.77 0.00	41.85 1.02 0.00	52.20 1.17 0.00	61.84 2.38 0.00	56.65 1.54 0.00	51.45 1.06 0.00	44.64 0.87 0.00	38.78 0.38 0.00	35.23 0.62 0.00
NORTHPORT___2 23552	32.30 2.11 -0.01	30.47 1.72 0.00	28.90 1.64 0.00	28.56 1.56 0.00	30.17 1.76 0.00	34.52 1.67 0.00	46.12 0.82 0.00	53.18 0.94 2.87	49.12 0.63 0.03	38.05 0.28 1.87	36.07 0.43 0.02	34.64 0.54 0.00	33.90 0.57 0.00	33.96 0.73 0.00	34.71 0.85 0.00	35.93 0.77 0.00	41.85 1.02 0.00	52.20 1.17 0.00	61.84 2.38 0.00	56.65 1.54 0.00	51.45 1.06 0.00	44.64 0.87 0.00	38.78 0.38 0.00	35.23 0.62 0.00
NORTHPORT___3 23553	32.48 2.29 -0.01	30.61 1.87 0.00	29.01 1.75 0.00	28.69 1.70 0.00	30.32 1.90 0.00	34.62 1.77 0.00	45.21 -0.09 0.00	51.31 -0.94 2.86	48.25 -0.24 0.02	36.51 -1.27 1.86	34.04 -1.60 0.01	34.23 0.14 0.00	33.57 0.23 0.00	33.40 0.17 0.00	34.17 0.30 0.00	35.26 0.11 0.00	41.16 0.33 0.00	51.44 0.41 0.00	61.00 1.54 0.00	55.82 0.71 0.00	50.70 0.30 0.00	44.07 0.31 0.00	38.05 -0.35 0.00	34.54 -0.07 0.00
NORTHPORT___4 23650	32.48 2.29 -0.01	30.61 1.87 0.00	29.01 1.75 0.00	28.69 1.70 0.00	30.32 1.90 0.00	34.62 1.77 0.00	45.21 -0.09 0.00	51.31 -0.94 2.86	48.25 -0.24 0.02	36.51 -1.27 1.86	34.04 -1.60 0.01	34.23 0.14 0.00	33.57 0.23 0.00	33.40 0.17 0.00	34.17 0.30 0.00	35.26 0.11 0.00	41.16 0.33 0.00	51.44 0.41 0.00	61.00 1.54 0.00	55.82 0.71 0.00	50.70 0.30 0.00	44.07 0.31 0.00	38.05 -0.35 0.00	34.54 -0.07 0.00
NORTHPORT___IC 23718	32.29 2.11 0.00	30.47 1.72 0.00	28.90 1.64 0.00	28.59 1.59 0.00	30.17 1.76 0.00	34.52 1.68 0.00	46.34 1.04 0.00	53.19 0.94 2.86	49.28 0.78 0.02	38.10 0.32 1.86	36.01 0.36 0.01	34.91 0.82 0.00	34.27 0.93 0.00	34.43 1.20 0.00	34.91 1.05 0.00	35.97 0.81 0.00	41.85 1.02 0.00	52.25 1.22 0.00	62.01 2.56 0.00	56.65 1.54 0.00	51.50 1.11 0.00	44.64 0.88 0.00	38.89 0.50 0.00	35.37 0.76 0.00
NORTH___COUNTRY_ESR 323785	29.21 -0.97 0.00	27.94 -0.80 0.00	26.50 -0.76 0.00	26.18 -0.81 0.00	27.56 -0.85 0.00	31.79 -1.05 0.00	43.71 -1.59 0.00	53.29 -1.82 0.00	46.92 -1.60 0.00	38.73 -0.91 0.00	34.77 -0.89 0.00	33.27 -0.82 0.00	32.67 -0.67 0.00	32.40 -0.83 0.00	33.05 -0.81 0.00	34.28 -0.88 0.00	40.10 -0.73 0.00	50.21 -0.82 0.00	57.79 -1.66 0.00	54.12 -0.99 0.00	49.99 -0.40 0.00	43.41 -0.35 0.00	38.59 0.19 0.00	34.75 0.14 0.00
NPX_GEN_1385_PROXY 323591	32.18 1.99 -0.01	30.30 1.55 0.00	28.77 1.50 0.00	28.45 1.46 0.00	30.00 1.59 0.00	34.39 1.54 0.00	46.21 0.91 0.00	53.12 0.88 2.87	48.98 0.49 0.03	37.81 0.04 1.87	35.86 0.22 0.02	34.36 0.27 0.00	33.50 0.17 0.00	33.70 0.47 0.00	34.54 0.68 0.00	35.82 0.67 0.00	41.65 0.82 0.00	51.95 0.92 0.00	61.66 2.20 0.00	56.49 1.38 0.00	51.30 0.91 0.00	43.72 -0.04 0.00	38.62 0.23 0.00	35.09 0.48 0.00
NPX_GEN_CSC 323557	32.60 2.42 -0.01	30.70 1.96 0.00	29.12 1.86 0.00	28.77 1.78 0.00	30.43 2.02 0.00	34.78 1.94 0.00	46.43 1.13 0.00	53.47 1.16 2.80	49.46 0.97 0.03	38.06 0.24 1.82	36.11 0.46 0.02	34.91 0.82 0.00	34.13 0.80 0.00	34.20 0.96 0.00	35.02 1.15 0.00	36.25 1.09 0.00	42.38 1.55 0.00	52.92 1.89 0.00	62.72 3.27 0.00	57.42 2.31 0.00	52.11 1.71 0.00	45.38 1.62 0.00	39.24 0.84 0.00	35.75 1.14 0.00
NSINS_S__GLNS_FALLS 23858	31.48 1.30 0.00	30.01 1.26 0.00	28.39 1.12 0.00	28.10 1.11 0.00	29.63 1.22 0.00	34.32 1.48 0.00	47.47 2.17 0.00	57.75 2.65 0.00	50.75 2.23 0.00	41.11 1.47 0.00	36.73 1.07 0.00	35.05 0.95 0.00	34.33 1.00 0.00	34.23 1.00 0.00	34.88 1.02 0.00	36.32 1.16 0.00	42.55 1.71 0.00	53.53 2.50 0.00	62.96 3.51 0.00	57.92 2.81 0.00	52.76 2.37 0.00	45.73 1.97 0.00	39.93 1.54 0.00	35.99 1.38 0.00
NUCOR_STEEL___DRP 24197	30.15 -0.03 0.00	28.72 -0.03 0.00	27.21 -0.05 0.00	26.94 -0.05 0.00	28.33 -0.09 0.00	32.81 -0.03 0.00	45.39 0.09 0.00	55.39 0.28 0.00	48.71 0.19 0.00	40.08 0.44 0.00	36.05 0.39 0.00	34.43 0.34 0.00	33.57 0.23 0.00	33.47 0.23 0.00	34.07 0.20 0.00	35.33 0.18 0.00	40.87 0.04 0.00	51.08 0.05 0.00	59.93 0.48 0.00	55.39 0.28 0.00	50.44 0.05 0.00	43.81 0.04 0.00	38.51 0.12 0.00	34.64 0.03 0.00
NUMBER_THREE_WT_PWR 323818	30.27 0.09 0.00	28.86 0.12 0.00	27.38 0.11 0.00	27.13 0.14 0.00	28.58 0.17 0.00	33.04 0.20 0.00	45.71 0.41 0.00	55.72 0.61 0.00	48.91 0.39 0.00	40.12 0.48 0.00	35.69 0.04 0.00	34.06 -0.03 0.00	33.07 -0.27 0.00	33.07 -0.17 0.00	34.03 0.17 0.00	35.37 0.21 0.00	41.16 0.33 0.00	52.00 0.97 0.00	60.82 1.37 0.00	56.54 1.43 0.00	51.55 1.16 0.00	45.03 1.27 0.00	39.54 1.15 0.00	35.44 0.83 0.00
NYISO_LBMP_REFERENCE 24008	30.18 0.00 0.00	28.74 0.00 0.00	27.27 0.00 0.00	26.99 0.00 0.00	28.41 0.00 0.00	32.85 0.00 0.00	45.30 0.00 0.00	55.11 0.00 0.00	48.52 0.00 0.00	39.64 0.00 0.00	35.66 0.00 0.00	34.09 0.00 0.00	33.33 0.00 0.00	33.23 0.00 0.00	33.86 0.00 0.00	35.16 0.00 0.00	40.83 0.00 0.00	51.03 0.00 0.00	59.46 0.00 0.00	55.11 0.00 0.00	50.39 0.00 0.00	43.76 0.00 0.00	38.39 0.00 0.00	34.61 0.00 0.00

NYPA_BRENTWD____GT 24164	32.63 2.44 -0.01	30.76 2.01 0.00	29.15 1.88 0.00	28.83 1.84 0.00	30.46 2.05 0.00	34.85 2.00 0.00	46.61 1.31 0.00	53.87 1.49 2.73	49.71 1.21 0.03	38.46 0.60 1.78	36.36 0.71 0.02	35.04 0.95 0.00	34.27 0.93 0.00	34.33 1.10 0.00	35.12 1.25 0.00	36.32 1.16 0.00	42.38 1.55 0.00	52.77 1.74 0.00	62.55 3.09 0.00	57.26 2.15 0.00	52.00 1.61 0.00	45.34 1.57 0.00	39.28 0.88 0.00	35.72 1.11 0.00
NYPA_GOWANUS____GT5 24156	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.76 2.37 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
NYPA_GOWANUS____GT6 24157	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.59 1.74 -0.01	47.38 2.08 0.00	57.70 2.59 0.00	50.76 2.23 -0.01	41.24 1.59 -0.01	43.78 1.64 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.20 3.75 0.00	58.03 2.92 0.00	52.76 2.37 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.04 1.42 -0.01
NYPA_HARLEM__RVR__GT1 24160	31.85 1.66 -0.01	30.16 1.41 -0.01	28.64 1.36 -0.01	28.32 1.32 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.25 1.95 0.00	57.52 2.42 0.01	50.64 2.13 0.01	41.18 1.54 0.01	37.22 1.57 0.01	35.69 1.60 0.01	34.89 1.57 0.01	34.89 1.66 0.01	35.61 1.76 0.01	37.01 1.86 0.01	42.95 2.12 0.01	53.52 2.50 0.01	62.96 3.51 0.01	57.86 2.75 0.01	52.60 2.21 0.01	45.68 1.92 0.01	39.86 1.46 -0.01	35.86 1.24 -0.01
NYPA_HARLEM__RVR__GT2 24161	31.85 1.66 -0.01	30.16 1.41 -0.01	28.64 1.36 -0.01	28.32 1.32 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.25 1.95 0.00	57.52 2.42 0.01	50.64 2.13 0.01	41.18 1.54 0.01	37.22 1.57 0.01	35.69 1.60 0.01	34.89 1.57 0.01	34.89 1.66 0.01	35.61 1.76 0.01	37.01 1.86 0.01	42.95 2.12 0.01	53.52 2.50 0.01	62.96 3.51 0.01	57.86 2.75 0.01	52.60 2.21 0.01	45.68 1.92 0.01	39.86 1.46 -0.01	35.86 1.24 -0.01
NYPA_KENT____GT 24152	32.06 1.87 -0.01	30.36 1.61 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.04 1.62 -0.01	34.63 1.77 -0.01	47.47 2.17 0.00	57.81 2.70 0.00	50.86 2.33 -0.01	41.31 1.66 -0.01	43.86 1.71 -6.48	44.56 1.74 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.23 1.90 -9.47	45.23 2.04 -8.03	45.24 2.33 -2.08	53.78 2.75 0.00	63.32 3.86 0.00	58.14 3.03 0.00	52.91 2.52 0.00	45.96 2.19 -0.01	40.13 1.73 -0.01	36.10 1.49 -0.01
NYPA_POUCH1____GT 24155	31.91 1.72 -0.01	30.27 1.52 -0.01	28.77 1.50 -0.01	28.46 1.46 -0.01	29.98 1.56 -0.01	34.50 1.64 -0.01	47.11 1.81 0.01	49.65 2.26 7.72	43.69 1.99 6.82	40.98 1.35 0.01	37.09 1.43 -0.01	35.56 1.46 -0.01	34.81 1.47 -0.01	34.77 1.53 -0.01	35.53 1.66 -0.01	36.92 1.76 -0.01	40.34 2.08 2.57	47.37 2.35 6.01	58.66 3.45 4.24	53.49 2.65 4.26	48.27 2.12 4.23	45.65 1.88 -0.01	39.86 1.46 -0.01	35.90 1.28 -0.01
NYPA_VERNON____GT2 24162	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.48 1.48 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.47 2.17 0.00	57.81 2.70 0.00	50.86 2.33 -0.01	41.35 1.70 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.52 1.70 -9.49	44.52 1.76 -9.53	45.19 1.86 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.78 2.75 0.00	63.26 3.81 0.00	58.14 3.03 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.07 1.45 -0.01
NYPA_VERNON____GT3 24163	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.48 1.48 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.47 2.17 0.00	57.81 2.70 0.00	50.86 2.33 -0.01	41.35 1.70 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.52 1.70 -9.49	44.52 1.76 -9.53	45.19 1.86 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.78 2.75 0.00	63.26 3.81 0.00	58.14 3.03 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.07 1.45 -0.01
NYPA__ASTORIA_CC1 323568	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.48 1.48 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.47 2.17 0.00	57.81 2.70 0.00	50.86 2.33 -0.01	41.31 1.66 -0.01	43.82 1.68 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.16 2.24 -2.08	53.78 2.75 0.00	63.26 3.81 0.00	58.08 2.97 0.00	52.86 2.47 0.00	45.87 2.10 -0.01	40.05 1.65 -0.01	36.07 1.45 -0.01
NYPA__ASTORIA_CC2 323569	32.06 1.87 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.48 1.48 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.47 2.17 0.00	57.81 2.70 0.00	50.86 2.33 -0.01	41.31 1.66 -0.01	43.82 1.68 -6.48	44.49 1.67 -8.73	44.49 1.67 -9.49	44.49 1.73 -9.53	45.16 1.83 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.78 2.75 0.00	63.26 3.81 0.00	58.08 2.97 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.05 1.65 -0.01	36.07 1.45 -0.01
NYPA__HOLTSVILL 23794	32.48 2.29 -0.01	30.61 1.87 0.00	29.04 1.77 0.00	28.69 1.70 0.00	30.34 1.93 0.00	34.65 1.81 0.00	46.29 1.00 0.00	53.24 0.94 2.80	49.32 0.82 0.03	38.01 0.20 1.83	36.04 0.39 0.02	34.81 0.72 0.00	34.03 0.70 0.00	34.10 0.86 0.00	34.88 1.01 0.00	36.11 0.95 0.00	42.14 1.31 0.00	52.51 1.48 0.00	62.25 2.80 0.00	56.98 1.87 0.00	51.75 1.36 0.00	45.03 1.27 0.00	39.04 0.65 0.00	35.58 0.97 0.00
NYPA__HELLGATE_GT1 24158	31.85 1.66 -0.01	30.16 1.41 -0.01	28.64 1.36 -0.01	28.32 1.32 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.29 1.99 0.00	57.58 2.48 0.01	50.70 2.19 0.01	41.22 1.59 0.01	37.22 1.57 0.01	35.69 1.60 0.01	34.89 1.57 0.01	34.89 1.66 0.01	35.61 1.76 0.01	37.01 1.86 0.01	42.95 2.12 0.01	53.62 2.60 0.01	63.08 3.63 0.01	57.91 2.81 0.01	52.70 2.32 0.01	45.68 1.92 0.01	39.86 1.46 -0.01	35.86 1.24 -0.01
NYPA__HELLGATE_GT2 24159	31.85 1.66 -0.01	30.16 1.41 -0.01	28.64 1.36 -0.01	28.32 1.32 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.29 1.99 0.00	57.58 2.48 0.01	50.70 2.19 0.01	41.22 1.59 0.01	37.22 1.57 0.01	35.69 1.60 0.01	34.89 1.57 0.01	34.89 1.66 0.01	35.61 1.76 0.01	37.01 1.86 0.01	42.95 2.12 0.01	53.62 2.60 0.01	63.08 3.63 0.01	57.91 2.81 0.01	52.70 2.32 0.01	45.68 1.92 0.01	39.86 1.46 -0.01	35.86 1.24 -0.01
NYS_BARGE__HYD 23848	28.70 -1.48 0.00	27.37 -1.38 0.00	25.99 -1.28 0.00	25.75 -1.24 0.00	27.27 -1.14 0.00	31.47 -1.38 0.00	42.76 -2.54 0.00	51.91 -3.20 0.00	45.61 -2.91 0.00	38.85 -0.79 0.00	35.52 -0.14 0.00	34.09 0.00 0.00	33.30 -0.03 0.00	33.17 -0.07 0.00	33.59 -0.27 0.00	34.42 -0.74 0.00	38.95 -1.88 0.00	48.07 -2.96 0.00	56.78 -2.67 0.00	52.52 -2.59 0.00	47.22 -3.17 0.00	41.66 -2.10 0.00	36.82 -1.58 0.00	33.99 -0.62 0.00

OAK ORCHARD___HYD 24046	29.61 -0.57 0.00	28.23 -0.52 0.00	26.75 -0.52 0.00	26.51 -0.49 0.00	28.01 -0.40 0.00	32.39 -0.46 0.00	44.67 -0.63 0.00	54.61 -0.50 0.00	48.42 -0.10 0.00	40.35 0.71 0.00	36.58 0.93 0.00	34.98 0.88 0.00	34.10 0.77 0.00	33.93 0.70 0.00	34.44 0.58 0.00	35.55 0.39 0.00	40.46 -0.37 0.00	50.32 -0.71 0.00	59.34 -0.12 0.00	54.89 -0.22 0.00	49.58 -0.81 0.00	43.37 -0.39 0.00	38.13 -0.27 0.00	34.61 0.00 0.00
OAKDALE___35_KV_LOAD 356122	30.27 0.09 0.00	28.83 0.09 0.00	27.38 0.11 0.00	27.10 0.11 0.00	28.50 0.09 0.00	33.01 0.16 0.00	45.48 0.18 0.00	55.44 0.33 0.00	48.71 0.19 0.00	40.24 0.59 0.00	36.23 0.57 0.00	34.60 0.51 0.00	33.77 0.43 0.00	33.70 0.47 0.00	34.27 0.41 0.00	35.47 0.32 0.00	41.04 0.20 0.00	51.23 0.20 0.00	60.23 0.77 0.00	55.66 0.55 0.00	50.54 0.15 0.00	43.94 0.18 0.00	38.58 0.19 0.00	34.85 0.24 0.00
OCC_CHEM___DRP 24175	28.28 -1.90 0.00	26.99 -1.75 0.00	25.63 -1.64 0.00	25.37 -1.62 0.00	26.54 -1.88 0.00	30.94 -1.91 0.00	41.99 -3.31 0.00	50.92 -4.19 0.00	44.54 -3.98 0.00	38.33 -1.31 0.00	35.09 -0.57 0.00	33.61 -0.48 0.00	32.77 -0.57 0.00	32.77 -0.47 0.00	33.19 -0.68 0.00	33.68 -1.48 0.00	38.55 -2.29 0.00	47.46 -3.57 0.00	56.13 -3.33 0.00	51.80 -3.31 0.00	46.61 -3.78 0.00	41.05 -2.71 0.00	36.40 -2.00 0.00	33.36 -1.25 0.00
OH_GEN_PROXY 24063	28.52 -1.66 0.00	27.22 -1.52 0.00	25.85 -1.42 0.00	25.62 -1.38 0.00	27.13 -1.28 0.00	31.20 -1.64 0.00	42.67 -2.63 0.00	51.69 -3.42 0.00	45.37 -3.15 0.00	38.65 -0.99 0.00	35.34 -0.32 0.00	33.96 -0.14 0.00	33.17 -0.17 0.00	33.04 -0.20 0.00	33.46 -0.40 0.00	34.31 -0.84 0.00	38.87 -1.96 0.00	48.02 -3.01 0.00	56.60 -2.85 0.00	52.41 -2.70 0.00	47.17 -3.23 0.00	41.58 -2.19 0.00	36.74 -1.65 0.00	33.71 -0.90 0.00
OLIN_CORP_DRP 24177	28.25 -1.93 0.00	26.96 -1.78 0.00	25.58 -1.69 0.00	25.35 -1.65 0.00	26.51 -1.90 0.00	30.91 -1.94 0.00	41.95 -3.35 0.00	50.87 -4.24 0.00	44.54 -3.98 0.00	38.29 -1.35 0.00	34.98 -0.68 0.00	33.55 -0.55 0.00	32.67 -0.67 0.00	32.70 -0.53 0.00	33.12 -0.74 0.00	33.61 -1.55 0.00	38.46 -2.37 0.00	47.36 -3.67 0.00	56.07 -3.39 0.00	51.75 -3.36 0.00	46.56 -3.83 0.00	40.96 -2.80 0.00	36.28 -2.11 0.00	33.33 -1.28 0.00
OLIN_CORP_DSASP 323712	28.28 -1.90 0.00	26.99 -1.75 0.00	25.63 -1.64 0.00	25.40 -1.59 0.00	26.91 -1.51 0.00	30.94 -1.91 0.00	42.26 -3.03 0.00	51.14 -3.97 0.00	44.88 -3.64 0.00	38.33 -1.31 0.00	35.09 -0.57 0.00	33.75 -0.34 0.00	32.97 -0.37 0.00	32.84 -0.40 0.00	33.25 -0.61 0.00	34.07 -1.09 0.00	38.55 -2.29 0.00	47.46 -3.57 0.00	55.95 -3.51 0.00	51.80 -3.31 0.00	46.61 -3.78 0.00	41.18 -2.58 0.00	36.44 -1.96 0.00	33.50 -1.11 0.00
ONEIDA_HERK_LFGE 323681	30.66 0.48 0.00	29.23 0.49 0.00	27.70 0.43 0.00	27.45 0.46 0.00	28.92 0.51 0.00	33.47 0.62 0.00	46.25 0.95 0.00	56.43 1.32 0.00	49.64 1.12 0.00	40.63 0.99 0.00	36.30 0.64 0.00	34.67 0.58 0.00	33.74 0.40 0.00	33.70 0.47 0.00	34.47 0.61 0.00	35.79 0.63 0.00	41.61 0.77 0.00	52.35 1.32 0.00	61.30 1.85 0.00	56.82 1.71 0.00	51.75 1.36 0.00	45.03 1.27 0.00	39.47 1.07 0.00	35.44 0.83 0.00
ONEIDA___115KV_TB4 55905	30.93 0.75 0.00	29.46 0.72 0.00	27.92 0.65 0.00	27.67 0.67 0.00	29.12 0.71 0.00	33.73 0.89 0.00	46.70 1.40 0.00	56.98 1.87 0.00	50.12 1.60 0.00	41.11 1.47 0.00	36.80 1.14 0.00	35.15 1.06 0.00	34.20 0.87 0.00	34.16 0.93 0.00	34.85 0.98 0.00	36.14 0.98 0.00	41.93 1.10 0.00	52.61 1.58 0.00	61.72 2.26 0.00	57.15 2.04 0.00	52.00 1.61 0.00	45.08 1.31 0.00	39.51 1.11 0.00	35.54 0.93 0.00
ONONDAGA_REF_OCCRA 23987	29.97 -0.21 0.00	28.51 -0.23 0.00	27.05 -0.22 0.00	26.78 -0.22 0.00	28.18 -0.23 0.00	32.65 -0.20 0.00	45.16 -0.14 0.00	55.11 0.00 0.00	48.52 0.00 0.00	39.84 0.20 0.00	35.84 0.18 0.00	34.23 0.14 0.00	33.43 0.10 0.00	33.33 0.10 0.00	33.93 0.07 0.00	35.16 0.00 0.00	40.71 -0.12 0.00	50.88 -0.15 0.00	59.69 0.24 0.00	55.16 0.06 0.00	50.19 -0.20 0.00	43.63 -0.13 0.00	38.28 -0.12 0.00	34.47 -0.14 0.00
ONONDAGA___COGEN 23986	29.97 -0.21 0.00	28.54 -0.20 0.00	27.05 -0.22 0.00	26.78 -0.22 0.00	28.18 -0.23 0.00	32.65 -0.20 0.00	45.12 -0.18 0.00	55.11 0.00 0.00	48.47 -0.05 0.00	39.84 0.20 0.00	35.87 0.21 0.00	34.26 0.17 0.00	33.43 0.10 0.00	33.33 0.10 0.00	33.90 0.03 0.00	35.12 -0.04 0.00	40.67 -0.16 0.00	50.83 -0.20 0.00	59.58 0.12 0.00	55.11 0.00 0.00	50.19 -0.20 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.47 -0.14 0.00
ONTARIO___LFGE 23819	30.33 0.15 0.00	28.89 0.14 0.00	27.41 0.14 0.00	27.16 0.16 0.00	28.67 0.26 0.00	33.21 0.36 0.00	45.85 0.55 0.00	56.15 1.04 0.00	49.34 0.82 0.00	40.87 1.23 0.00	37.01 1.35 0.00	35.32 1.23 0.00	34.43 1.10 0.00	34.27 1.03 0.00	34.85 0.98 0.00	36.04 0.88 0.00	41.24 0.41 0.00	51.54 0.51 0.00	60.76 1.31 0.00	56.15 1.04 0.00	50.84 0.45 0.00	44.25 0.48 0.00	39.08 0.69 0.00	35.27 0.66 0.00
ORANGEVILLE_WT_PWR 323706	29.37 -0.81 0.00	27.97 -0.77 0.00	26.59 -0.68 0.00	26.34 -0.65 0.00	27.87 -0.54 0.00	32.19 -0.66 0.00	43.94 -1.36 0.00	53.46 -1.65 0.00	46.92 -1.60 0.00	39.52 -0.12 0.00	35.94 0.28 0.00	34.43 0.34 0.00	33.60 0.27 0.00	33.47 0.23 0.00	33.93 0.07 0.00	34.88 -0.28 0.00	39.73 -1.10 0.00	49.30 -1.74 0.00	58.57 -0.89 0.00	54.17 -0.94 0.00	48.83 -1.56 0.00	42.84 -0.92 0.00	37.89 -0.50 0.00	34.68 0.07 0.00
ORANGEVILLE___ESR 323794	29.37 -0.81 0.00	27.97 -0.77 0.00	26.59 -0.68 0.00	26.34 -0.65 0.00	27.87 -0.54 0.00	32.19 -0.66 0.00	43.94 -1.36 0.00	53.46 -1.65 0.00	46.92 -1.60 0.00	39.52 -0.12 0.00	35.94 0.28 0.00	34.43 0.34 0.00	33.60 0.27 0.00	33.47 0.23 0.00	33.93 0.07 0.00	34.88 -0.28 0.00	39.73 -1.10 0.00	49.30 -1.74 0.00	58.57 -0.89 0.00	54.17 -0.94 0.00	48.83 -1.56 0.00	42.84 -0.92 0.00	37.89 -0.50 0.00	34.68 0.07 0.00
OSWEGATCHIE___HYD 24044	29.97 -0.21 0.00	28.63 -0.11 0.00	27.13 -0.14 0.00	26.89 -0.11 0.00	28.33 -0.08 0.00	32.52 -0.33 0.00	44.67 -0.63 0.00	54.01 -1.10 0.00	47.40 -1.11 0.00	39.24 -0.40 0.00	34.80 -0.86 0.00	33.17 -0.92 0.00	32.23 -1.10 0.00	32.20 -1.03 0.00	33.02 -0.85 0.00	34.31 -0.84 0.00	40.06 -0.78 0.00	50.78 -0.25 0.00	58.75 -0.71 0.00	54.78 -0.33 0.00	50.29 -0.10 0.00	44.51 0.74 0.00	39.43 1.04 0.00	35.27 0.66 0.00
OSWEGO___5 23606	29.52 -0.66 0.00	28.11 -0.63 0.00	26.67 -0.60 0.00	26.40 -0.59 0.00	27.81 -0.60 0.00	32.15 -0.69 0.00	44.39 -0.91 0.00	54.12 -0.99 0.00	47.69 -0.83 0.00	39.12 -0.52 0.00	35.19 -0.46 0.00	33.65 -0.44 0.00	32.87 -0.47 0.00	32.77 -0.47 0.00	33.36 -0.51 0.00	34.59 -0.56 0.00	40.02 -0.82 0.00	50.01 -1.02 0.00	58.50 -0.95 0.00	54.17 -0.94 0.00	49.33 -1.06 0.00	42.89 -0.87 0.00	37.66 -0.73 0.00	33.95 -0.66 0.00

OSWEGO___6 23613	29.52 -0.66 0.00	28.11 -0.63 0.00	26.67 -0.60 0.00	26.40 -0.59 0.00	27.81 -0.60 0.00	32.15 -0.69 0.00	44.39 -0.91 0.00	54.12 -0.99 0.00	47.69 -0.83 0.00	39.12 -0.52 0.00	35.19 -0.46 0.00	33.65 -0.44 0.00	32.87 -0.47 0.00	32.77 -0.47 0.00	33.36 -0.51 0.00	34.59 -0.56 0.00	40.02 -0.82 0.00	50.01 -1.02 0.00	58.50 -0.95 0.00	54.17 -0.94 0.00	49.33 -1.06 0.00	42.89 -0.87 0.00	37.66 -0.73 0.00	33.95 -0.66 0.00
OUTOKUMPU-AB___DRP 24206	29.00 -1.18 0.00	27.65 -1.09 0.00	26.26 -1.01 0.00	25.99 -1.00 0.00	27.22 -1.19 0.00	31.76 -1.08 0.00	43.17 -2.13 0.00	52.46 -2.65 0.00	45.95 -2.57 0.00	39.48 -0.16 0.00	36.05 0.39 0.00	34.53 0.44 0.00	33.67 0.33 0.00	33.70 0.47 0.00	34.10 0.24 0.00	34.60 -0.56 0.00	39.61 -1.22 0.00	48.73 -2.30 0.00	57.67 -1.78 0.00	53.24 -1.87 0.00	47.82 -2.57 0.00	42.06 -1.71 0.00	37.24 -1.15 0.00	34.19 -0.42 0.00
OXBOW___BTM 323836	28.67 -1.51 0.00	27.37 -1.38 0.00	25.99 -1.28 0.00	25.75 -1.24 0.00	27.27 -1.14 0.00	31.43 -1.41 0.00	42.90 -2.40 0.00	52.02 -3.09 0.00	45.66 -2.86 0.00	39.00 -0.64 0.00	35.69 0.04 0.00	34.30 0.21 0.00	33.50 0.17 0.00	33.40 0.17 0.00	33.80 -0.07 0.00	34.59 -0.56 0.00	39.16 -1.68 0.00	48.22 -2.81 0.00	56.90 -2.55 0.00	52.63 -2.48 0.00	47.32 -3.08 0.00	41.75 -2.01 0.00	36.93 -1.46 0.00	33.99 -0.62 0.00
OXBOW____ 24026	28.67 -1.51 0.00	27.36 -1.38 0.00	25.99 -1.28 0.00	25.72 -1.27 0.00	26.91 -1.51 0.00	31.40 -1.45 0.00	42.67 -2.63 0.00	51.80 -3.31 0.00	45.37 -3.15 0.00	39.01 -0.63 0.00	35.66 0.00 0.00	34.16 0.07 0.00	33.30 -0.03 0.00	33.33 0.10 0.00	33.73 -0.14 0.00	34.24 -0.91 0.00	39.16 -1.67 0.00	48.22 -2.81 0.00	57.02 -2.44 0.00	52.63 -2.48 0.00	47.32 -3.07 0.00	41.62 -2.14 0.00	36.90 -1.50 0.00	33.85 -0.76 0.00
OXY_CHEM_DSASP 323612	28.28 -1.90 0.00	26.99 -1.75 0.00	25.63 -1.64 0.00	25.37 -1.62 0.00	26.54 -1.88 0.00	30.94 -1.91 0.00	41.99 -3.31 0.00	50.92 -4.19 0.00	44.54 -3.98 0.00	38.33 -1.31 0.00	35.09 -0.57 0.00	33.61 -0.48 0.00	32.77 -0.57 0.00	32.77 -0.47 0.00	33.19 -0.68 0.00	33.68 -1.48 0.00	38.55 -2.29 0.00	47.46 -3.57 0.00	56.13 -3.33 0.00	51.80 -3.31 0.00	46.61 -3.78 0.00	41.05 -2.71 0.00	36.40 -2.00 0.00	33.36 -1.25 0.00
OZONE_PARK_ESR 323760	32.11 1.93 0.00	30.38 1.64 0.00	28.85 1.58 0.00	28.53 1.54 0.00	30.03 1.62 0.00	34.65 1.81 0.00	47.79 2.49 0.00	58.09 2.98 0.00	51.19 2.67 0.00	41.46 1.82 0.00	37.51 1.85 0.00	35.97 1.88 0.00	35.20 1.87 0.00	35.19 1.96 0.00	35.89 2.03 0.00	37.34 2.18 0.00	43.28 2.45 0.00	53.99 2.96 0.00	63.68 4.22 0.00	58.42 3.31 0.00	53.16 2.77 0.00	46.08 2.32 0.00	40.24 1.84 0.00	36.17 1.56 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.28 -1.90 0.00	26.99 -1.75 0.00	25.63 -1.64 0.00	25.37 -1.62 0.00	26.54 -1.88 0.00	30.94 -1.91 0.00	41.99 -3.31 0.00	50.92 -4.19 0.00	44.54 -3.98 0.00	38.33 -1.31 0.00	35.09 -0.57 0.00	33.61 -0.48 0.00	32.77 -0.57 0.00	32.77 -0.47 0.00	33.19 -0.68 0.00	33.68 -1.48 0.00	38.55 -2.29 0.00	47.46 -3.57 0.00	56.13 -3.33 0.00	51.80 -3.31 0.00	46.61 -3.78 0.00	41.05 -2.71 0.00	36.40 -2.00 0.00	33.36 -1.25 0.00
PACKARD__115KV_DUPONT_184 80571	28.28 -1.90 0.00	26.99 -1.75 0.00	25.63 -1.64 0.00	25.37 -1.62 0.00	26.54 -1.88 0.00	30.94 -1.91 0.00	41.99 -3.31 0.00	50.92 -4.19 0.00	44.54 -3.98 0.00	38.33 -1.31 0.00	35.09 -0.57 0.00	33.61 -0.48 0.00	32.77 -0.57 0.00	32.77 -0.47 0.00	33.19 -0.68 0.00	33.68 -1.48 0.00	38.55 -2.29 0.00	47.46 -3.57 0.00	56.13 -3.33 0.00	51.80 -3.31 0.00	46.61 -3.78 0.00	41.05 -2.71 0.00	36.40 -2.00 0.00	33.36 -1.25 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.91 1.72 -0.01	30.22 1.47 -0.01	28.69 1.42 -0.01	28.38 1.38 -0.01	29.87 1.45 -0.01	34.46 1.61 -0.01	47.43 2.13 0.00	57.59 2.48 0.00	50.74 2.23 0.01	41.14 1.51 0.01	37.22 1.57 0.01	35.65 1.57 0.01	34.93 1.60 0.01	34.89 1.66 0.01	35.58 1.73 0.01	37.01 1.86 0.01	42.91 2.08 0.01	53.53 2.50 0.00	63.08 3.63 0.00	57.87 2.76 0.00	52.66 2.27 0.00	45.73 1.97 0.01	39.94 1.54 -0.01	35.97 1.35 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.15 1.96 -0.01	30.45 1.70 -0.01	28.91 1.64 -0.01	28.59 1.59 -0.01	30.10 1.68 -0.01	34.69 1.84 -0.01	47.75 2.45 0.00	57.98 2.87 0.00	51.08 2.57 0.01	41.42 1.78 0.01	37.43 1.78 0.01	35.89 1.81 0.01	35.13 1.80 0.01	35.09 1.86 0.01	35.79 1.93 0.01	37.22 2.07 0.01	43.15 2.33 0.01	53.84 2.81 0.00	63.50 4.04 0.00	58.25 3.14 0.00	53.01 2.62 0.00	45.99 2.23 0.01	40.20 1.80 -0.01	36.21 1.59 -0.01
PATROON__115KV_TB1 80586	30.69 0.51 0.00	29.23 0.49 0.00	27.70 0.44 0.00	27.42 0.43 0.00	28.89 0.48 0.00	33.40 0.56 0.00	46.16 0.86 0.00	55.99 0.88 0.00	49.25 0.73 0.00	39.92 0.28 0.00	35.80 0.14 0.00	34.23 0.14 0.00	33.53 0.20 0.00	33.47 0.23 0.00	34.10 0.24 0.00	35.51 0.35 0.00	41.44 0.61 0.00	51.90 0.87 0.00	60.88 1.43 0.00	55.99 0.88 0.00	51.10 0.71 0.00	44.33 0.57 0.00	38.81 0.42 0.00	34.96 0.35 0.00
PATTRSNVILLE___SOLAR 323815	31.30 1.12 0.00	29.81 1.06 0.00	28.25 0.98 0.00	27.96 0.97 0.00	29.46 1.05 0.00	34.13 1.28 0.00	47.11 1.81 0.00	57.26 2.15 0.00	50.17 1.65 0.00	40.75 1.11 0.00	36.41 0.75 0.00	34.74 0.65 0.00	34.00 0.67 0.00	33.93 0.70 0.00	34.67 0.81 0.00	36.11 0.95 0.00	42.26 1.43 0.00	53.07 2.04 0.00	62.31 2.85 0.00	57.37 2.26 0.00	52.31 1.91 0.00	45.38 1.62 0.00	39.70 1.31 0.00	35.75 1.14 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.43 -0.75 0.00	28.05 -0.69 0.00	26.67 -0.60 0.00	26.40 -0.59 0.00	27.67 -0.74 0.00	32.32 -0.53 0.00	44.03 -1.27 0.00	53.40 -1.71 0.00	46.72 -1.80 0.00	40.12 0.48 0.00	36.51 0.86 0.00	34.98 0.89 0.00	34.07 0.73 0.00	34.10 0.86 0.00	34.51 0.64 0.00	35.12 -0.04 0.00	40.22 -0.61 0.00	49.65 -1.38 0.00	58.74 -0.71 0.00	54.17 -0.94 0.00	48.68 -1.71 0.00	42.63 -1.14 0.00	37.70 -0.69 0.00	34.64 0.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.81 1.63 0.00	30.15 1.41 0.00	28.63 1.36 0.00	28.32 1.32 0.00	29.95 1.53 0.00	34.65 1.81 0.00	47.79 2.49 0.00	58.14 3.03 0.00	51.14 2.62 0.00	41.23 1.59 0.00	37.16 1.50 0.00	35.49 1.40 0.00	34.73 1.40 0.00	34.63 1.40 0.00	35.35 1.49 0.00	36.81 1.65 0.00	42.83 2.00 0.00	53.63 2.60 0.00	63.26 3.81 0.00	58.09 2.98 0.00	52.96 2.57 0.00	45.78 2.01 0.00	39.97 1.57 0.00	35.99 1.38 0.00
PEEKSKILL____ 23653	31.57 1.39 0.00	29.92 1.18 0.00	28.41 1.15 0.00	28.10 1.11 0.00	29.63 1.22 0.00	34.19 1.35 0.00	46.98 1.68 0.00	57.20 2.09 0.00	50.22 1.70 0.00	40.71 1.07 0.00	36.73 1.07 0.00	35.15 1.06 0.00	34.40 1.07 0.00	34.36 1.13 0.00	35.05 1.18 0.00	36.46 1.30 0.00	42.38 1.55 0.00	53.02 1.99 0.00	62.37 2.91 0.00	57.32 2.21 0.00	52.20 1.81 0.00	45.21 1.44 0.00	39.47 1.07 0.00	35.54 0.93 0.00

PGE MADISON___WINDPWR 24146	32.41 2.23 0.00	30.90 2.16 0.00	29.29 2.02 0.00	29.10 2.11 0.00	30.63 2.22 0.00	35.54 2.69 0.00	49.46 4.16 0.00	60.73 5.62 0.00	53.18 4.66 0.00	43.69 4.05 0.00	38.87 3.21 0.00	37.09 3.00 0.00	35.87 2.53 0.00	35.83 2.59 0.00	36.44 2.57 0.00	37.83 2.67 0.00	43.90 3.06 0.00	55.67 4.64 0.00	66.00 6.54 0.00	61.12 6.01 0.00	55.33 4.94 0.00	47.79 4.02 0.00	41.81 3.42 0.00	37.52 2.91 0.00
PIERCEFIELD___HYD 23852	29.76 -0.42 0.00	28.46 -0.29 0.00	26.97 -0.30 0.00	26.75 -0.24 0.00	28.16 -0.26 0.00	32.12 -0.72 0.00	43.76 -1.54 0.00	52.46 -2.65 0.00	46.00 -2.52 0.00	38.57 -1.07 0.00	34.09 -1.57 0.00	32.52 -1.57 0.00	31.63 -1.70 0.00	31.51 -1.73 0.00	32.31 -1.56 0.00	33.54 -1.62 0.00	39.28 -1.55 0.00	49.96 -1.07 0.00	57.08 -2.38 0.00	53.35 -1.76 0.00	49.33 -1.06 0.00	44.20 0.44 0.00	39.47 1.07 0.00	35.27 0.66 0.00
PINELAWN_CC_1 323563	32.48 2.29 -0.01	30.64 1.90 0.00	29.04 1.77 0.00	28.72 1.73 0.00	30.34 1.93 0.00	34.72 1.87 0.00	46.12 0.82 0.00	53.14 0.49 2.46	48.88 0.39 0.03	38.04 0.00 1.61	35.75 0.11 0.01	34.64 0.54 0.00	33.90 0.57 0.00	33.90 0.66 0.00	34.67 0.81 0.00	35.93 0.77 0.00	41.81 0.98 0.00	52.00 0.97 0.00	61.59 2.14 0.00	56.43 1.32 0.00	51.25 0.86 0.00	44.73 0.96 0.00	38.78 0.38 0.00	35.54 0.93 0.00
PJM_GEN_HTP_PROXY 323702	31.81 1.63 0.00	30.12 1.38 0.00	28.60 1.34 0.00	28.29 1.30 0.00	29.80 1.39 0.00	34.36 1.51 0.00	47.25 1.95 0.00	57.53 2.42 0.00	50.56 2.04 0.00	41.07 1.42 0.00	37.09 1.43 0.00	35.56 1.46 0.00	34.80 1.47 0.00	34.76 1.53 0.00	35.49 1.63 0.00	36.88 1.72 0.00	42.87 2.04 0.00	53.48 2.45 0.00	62.90 3.45 0.00	57.75 2.65 0.00	52.61 2.21 0.00	45.60 1.84 0.00	39.77 1.38 0.00	35.79 1.18 0.00
PJM_GEN_KEystone 24065	30.09 -0.09 0.00	28.63 -0.11 0.00	27.19 -0.08 0.00	26.94 -0.05 0.00	28.44 0.03 0.00	32.78 -0.07 0.00	44.94 -0.36 0.00	54.07 -0.50 0.54	47.41 -0.63 0.48	39.76 0.12 0.00	36.02 0.36 0.00	34.47 0.38 0.00	33.67 0.33 0.00	33.60 0.37 0.00	34.17 0.30 0.00	35.33 0.18 0.00	40.49 -0.16 0.18	50.20 -0.41 0.42	59.34 0.18 0.30	54.70 -0.11 0.30	49.49 -0.60 0.30	43.41 -0.35 0.00	38.08 -0.31 0.00	34.57 -0.03 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.94 1.75 -0.01	30.18 1.44 0.00	28.63 1.36 0.00	28.32 1.32 0.00	29.89 1.48 0.00	34.33 1.48 0.00	46.57 1.27 0.00	53.49 1.54 3.16	49.75 1.26 0.03	38.21 0.63 2.06	36.39 0.75 0.02	35.01 0.92 0.00	34.23 0.90 0.00	34.23 1.00 0.00	34.98 1.12 0.00	36.28 1.12 0.00	42.18 1.35 0.00	52.66 1.63 0.00	62.19 2.74 0.00	57.04 1.93 0.00	51.90 1.51 0.00	45.03 1.27 0.00	39.16 0.77 0.00	35.44 0.83 0.00
PJM_GEN_VFT_PROXY 323633	31.75 1.57 0.00	30.04 1.29 0.00	28.52 1.26 0.00	28.21 1.22 0.00	29.72 1.31 0.00	34.26 1.41 0.00	47.06 1.76 0.00	49.54 2.15 7.72	43.50 1.80 6.81	40.91 1.27 0.00	37.01 1.35 0.00	35.49 1.40 0.00	34.73 1.40 0.00	34.69 1.46 0.00	35.42 1.56 0.00	36.85 1.69 0.00	40.11 1.84 2.56	47.22 2.19 6.00	58.37 3.15 4.23	53.28 2.42 4.25	48.13 1.96 4.23	45.47 1.71 0.00	39.66 1.27 0.00	35.72 1.11 0.00
PLATSBURG_115KV_PMLD1 355749	29.03 -1.15 0.00	27.82 -0.92 0.00	26.40 -0.87 0.00	26.02 -0.97 0.00	27.39 -1.02 0.00	31.53 -1.31 0.00	43.26 -2.04 0.00	52.91 -2.20 0.00	46.53 -1.99 0.00	38.85 -0.79 0.00	34.95 -0.71 0.00	33.51 -0.58 0.00	33.03 -0.30 0.00	32.70 -0.53 0.00	33.36 -0.51 0.00	34.56 -0.60 0.00	40.51 -0.33 0.00	50.47 -0.56 0.00	58.39 -1.07 0.00	54.61 -0.50 0.00	50.29 -0.10 0.00	43.68 -0.09 0.00	39.20 0.81 0.00	35.30 0.69 0.00
PLEASANTVLY___LBMP 24000	31.42 1.24 0.00	29.81 1.06 0.00	28.30 1.04 0.00	27.99 1.00 0.00	29.49 1.08 0.00	34.03 1.18 0.00	46.89 1.59 0.00	56.98 1.87 0.00	50.12 1.60 0.00	40.55 0.91 0.00	36.59 0.93 0.00	35.01 0.92 0.00	34.30 0.97 0.00	34.26 1.03 0.00	34.95 1.08 0.00	36.35 1.20 0.00	42.26 1.43 0.00	52.82 1.79 0.00	62.13 2.68 0.00	57.04 1.93 0.00	52.00 1.61 0.00	45.08 1.31 0.00	39.39 1.00 0.00	35.47 0.87 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.66 1.48 0.00	30.01 1.26 0.00	28.50 1.23 0.00	28.21 1.21 0.00	29.69 1.28 0.00	34.26 1.41 0.00	47.20 1.90 0.00	57.37 2.26 0.00	50.51 1.99 0.00	40.87 1.23 0.00	36.91 1.25 0.00	35.35 1.26 0.00	34.60 1.27 0.00	34.56 1.33 0.00	35.29 1.42 0.00	36.70 1.55 0.00	42.63 1.80 0.00	53.22 2.19 0.00	62.73 3.27 0.00	57.59 2.48 0.00	52.46 2.07 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.72 1.11 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.66 1.48 0.00	30.01 1.26 0.00	28.50 1.23 0.00	28.21 1.21 0.00	29.69 1.28 0.00	34.26 1.41 0.00	47.20 1.90 0.00	57.37 2.26 0.00	50.51 1.99 0.00	40.87 1.23 0.00	36.91 1.25 0.00	35.35 1.26 0.00	34.60 1.27 0.00	34.56 1.33 0.00	35.29 1.42 0.00	36.70 1.55 0.00	42.63 1.80 0.00	53.22 2.19 0.00	62.73 3.27 0.00	57.59 2.48 0.00	52.46 2.07 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.72 1.11 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.51 1.33 0.00	29.89 1.15 0.00	28.39 1.12 0.00	28.10 1.11 0.00	29.61 1.19 0.00	34.19 1.35 0.00	47.16 1.86 0.00	57.37 2.26 0.00	50.46 1.94 0.00	40.75 1.11 0.00	36.69 1.03 0.00	35.08 0.99 0.00	34.37 1.03 0.00	34.30 1.06 0.00	35.01 1.15 0.00	36.42 1.27 0.00	42.42 1.59 0.00	53.12 2.09 0.00	62.55 3.09 0.00	57.48 2.37 0.00	52.41 2.02 0.00	45.38 1.62 0.00	39.62 1.23 0.00	35.68 1.07 0.00
POLETTI___ 23519	31.87 1.69 0.00	30.15 1.41 0.00	28.66 1.39 0.00	28.37 1.38 0.00	29.83 1.42 0.00	34.39 1.54 0.00	47.38 2.08 0.00	57.53 2.42 0.00	50.70 2.18 0.00	41.11 1.47 0.00	37.19 1.53 0.00	35.63 1.53 0.00	34.90 1.57 0.00	34.86 1.63 0.00	35.56 1.69 0.00	36.99 1.83 0.00	42.87 2.04 0.00	53.48 2.45 0.00	63.02 3.57 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.65 1.88 0.00	39.89 1.50 0.00	35.89 1.28 0.00
POMONA___ESR 323819	31.39 1.21 0.00	29.78 1.03 0.00	28.28 1.01 0.00	27.99 1.00 0.00	29.49 1.08 0.00	34.03 1.18 0.00	46.75 1.45 0.00	56.87 1.76 0.00	49.88 1.36 0.00	40.47 0.83 0.00	36.51 0.85 0.00	34.88 0.78 0.00	34.13 0.80 0.00	34.10 0.86 0.00	34.81 0.95 0.00	36.21 1.05 0.00	42.10 1.27 0.00	52.66 1.63 0.00	61.95 2.50 0.00	56.98 1.87 0.00	51.90 1.51 0.00	44.95 1.18 0.00	39.24 0.84 0.00	35.34 0.73 0.00
PORT_JEFF_3 23555	32.60 2.42 -0.01	30.73 1.98 0.00	29.15 1.88 0.00	28.80 1.81 0.00	30.46 2.05 0.00	34.78 1.94 0.00	46.48 1.18 0.00	53.26 0.94 2.79	49.51 1.02 0.03	38.14 0.32 1.82	36.11 0.46 0.02	34.91 0.82 0.00	34.17 0.83 0.00	34.20 0.96 0.00	35.02 1.15 0.00	36.21 1.05 0.00	42.30 1.47 0.00	52.61 1.58 0.00	62.37 2.91 0.00	57.09 1.98 0.00	51.80 1.41 0.00	45.29 1.53 0.00	39.16 0.77 0.00	35.68 1.07 0.00

PORT_JEFF_4 23616	32.60 2.42 -0.01	30.73 1.98 0.00	29.15 1.88 0.00	28.80 1.81 0.00	30.46 2.05 0.00	34.78 1.94 0.00	46.48 1.18 0.00	53.26 0.94 2.79	49.51 1.02 0.03	38.14 0.32 1.82	36.11 0.46 0.02	34.91 0.82 0.00	34.17 0.83 0.00	34.20 0.96 0.00	35.02 1.15 0.00	36.21 1.05 0.00	42.30 1.47 0.00	52.61 1.58 0.00	62.37 2.91 0.00	57.09 1.98 0.00	51.80 1.41 0.00	45.29 1.53 0.00	39.16 0.77 0.00	35.68 1.07 0.00
PORT_JEFF_IC 23713	32.66 2.47 0.00	30.76 2.01 0.00	29.18 1.91 0.00	28.83 1.84 0.00	30.46 2.05 0.00	34.82 1.97 0.00	46.66 1.36 0.00	53.07 0.72 2.75	49.66 1.16 0.02	38.16 0.32 1.79	36.29 0.64 0.01	35.15 1.06 0.00	34.50 1.17 0.00	34.70 1.46 0.00	35.25 1.39 0.00	36.28 1.13 0.00	42.34 1.51 0.00	52.46 1.43 0.00	62.37 2.91 0.00	56.93 1.82 0.00	51.70 1.31 0.00	45.34 1.58 0.00	39.28 0.88 0.00	35.86 1.25 0.00
PPL_PILGRIM_ST_GT1 24216	32.63 2.44 -0.01	30.76 2.01 0.00	29.15 1.88 0.00	28.83 1.84 0.00	30.46 2.05 0.00	34.85 2.00 0.00	46.61 1.31 0.00	53.87 1.49 2.73	49.71 1.21 0.03	38.46 0.60 1.78	36.36 0.71 0.02	35.04 0.95 0.00	34.27 0.93 0.00	34.33 1.10 0.00	35.12 1.25 0.00	36.32 1.16 0.00	42.38 1.55 0.00	52.77 1.74 0.00	62.55 3.09 0.00	57.26 2.15 0.00	52.00 1.61 0.00	45.34 1.57 0.00	39.28 0.88 0.00	35.72 1.11 0.00
PPL_PILGRIM_ST_GT2 24217	32.63 2.44 -0.01	30.76 2.01 0.00	29.15 1.88 0.00	28.83 1.84 0.00	30.46 2.05 0.00	34.85 2.00 0.00	46.61 1.31 0.00	53.87 1.49 2.73	49.71 1.21 0.03	38.46 0.60 1.78	36.36 0.71 0.02	35.04 0.95 0.00	34.27 0.93 0.00	34.33 1.10 0.00	35.12 1.25 0.00	36.32 1.16 0.00	42.38 1.55 0.00	52.77 1.74 0.00	62.55 3.09 0.00	57.26 2.15 0.00	52.00 1.61 0.00	45.34 1.57 0.00	39.28 0.88 0.00	35.72 1.11 0.00
PPL_SHRM_GT3 24213	32.60 2.42 -0.01	30.73 1.98 0.00	29.12 1.86 0.00	28.80 1.81 0.00	30.46 2.05 0.00	34.78 1.94 0.00	46.48 1.18 0.00	53.54 1.21 2.78	49.46 0.97 0.03	38.06 0.24 1.82	36.11 0.46 0.02	34.88 0.78 0.00	34.10 0.77 0.00	34.20 0.96 0.00	35.02 1.15 0.00	36.25 1.09 0.00	42.38 1.55 0.00	52.97 1.94 0.00	62.84 3.39 0.00	57.48 2.37 0.00	52.15 1.76 0.00	45.43 1.66 0.00	39.24 0.84 0.00	35.75 1.14 0.00
PPL_SHRM_GT4 24214	32.60 2.42 -0.01	30.73 1.98 0.00	29.12 1.86 0.00	28.80 1.81 0.00	30.46 2.05 0.00	34.78 1.94 0.00	46.48 1.18 0.00	53.54 1.21 2.78	49.46 0.97 0.03	38.06 0.24 1.82	36.11 0.46 0.02	34.88 0.78 0.00	34.10 0.77 0.00	34.20 0.96 0.00	35.02 1.15 0.00	36.25 1.09 0.00	42.38 1.55 0.00	52.97 1.94 0.00	62.84 3.39 0.00	57.48 2.37 0.00	52.15 1.76 0.00	45.43 1.66 0.00	39.24 0.84 0.00	35.75 1.14 0.00
PROJECT___ORANGE 1 24174	29.88 -0.30 0.00	28.43 -0.32 0.00	26.97 -0.30 0.00	26.70 -0.30 0.00	28.07 -0.34 0.00	32.55 -0.30 0.00	44.98 -0.32 0.00	54.89 -0.22 0.00	48.37 -0.15 0.00	39.76 0.12 0.00	35.77 0.11 0.00	34.19 0.10 0.00	33.37 0.03 0.00	33.27 0.03 0.00	33.86 0.00 0.00	35.05 -0.11 0.00	40.59 -0.24 0.00	50.67 -0.36 0.00	59.46 0.00 0.00	54.94 -0.17 0.00	49.99 -0.40 0.00	43.46 -0.31 0.00	38.12 -0.27 0.00	34.33 -0.28 0.00
PROJECT___ORANGE 2 24166	29.88 -0.30 0.00	28.43 -0.32 0.00	26.97 -0.30 0.00	26.70 -0.30 0.00	28.07 -0.34 0.00	32.55 -0.30 0.00	44.98 -0.32 0.00	54.89 -0.22 0.00	48.37 -0.15 0.00	39.76 0.12 0.00	35.77 0.11 0.00	34.19 0.10 0.00	33.37 0.03 0.00	33.27 0.03 0.00	33.86 0.00 0.00	35.05 -0.11 0.00	40.59 -0.24 0.00	50.67 -0.36 0.00	59.46 0.00 0.00	54.94 -0.17 0.00	49.99 -0.40 0.00	43.46 -0.31 0.00	38.12 -0.27 0.00	34.33 -0.28 0.00
PUCKETT___SOLAR 323809	30.84 0.66 0.00	29.38 0.63 0.00	27.87 0.60 0.00	27.61 0.62 0.00	29.09 0.68 0.00	33.67 0.82 0.00	46.57 1.27 0.00	56.82 1.71 0.00	49.83 1.31 0.00	41.03 1.39 0.00	36.83 1.18 0.00	35.18 1.09 0.00	34.27 0.93 0.00	34.16 0.93 0.00	34.78 0.91 0.00	36.07 0.91 0.00	41.77 0.94 0.00	52.35 1.32 0.00	61.66 2.20 0.00	56.98 1.87 0.00	51.70 1.31 0.00	44.90 1.14 0.00	39.39 1.00 0.00	35.51 0.90 0.00
PYRITES___HYD 24023	30.42 0.24 0.00	29.09 0.34 0.00	27.57 0.30 0.00	27.34 0.35 0.00	28.75 0.34 0.00	32.94 0.10 0.00	45.03 -0.27 0.00	54.17 -0.94 0.00	47.45 -1.07 0.00	39.68 0.04 0.00	34.91 -0.75 0.00	33.27 -0.82 0.00	32.30 -1.03 0.00	32.17 -1.06 0.00	32.98 -0.88 0.00	34.24 -0.91 0.00	40.10 -0.73 0.00	51.23 0.20 0.00	58.92 -0.54 0.00	55.16 0.06 0.00	50.90 0.50 0.00	45.38 1.62 0.00	40.39 2.00 0.00	36.06 1.45 0.00
QUAKERRD_115KV_BK1 80622	29.73 -0.45 0.00	28.31 -0.43 0.00	26.86 -0.41 0.00	26.59 -0.40 0.00	27.93 -0.48 0.00	32.52 -0.33 0.00	44.71 -0.59 0.00	54.72 -0.39 0.00	48.42 -0.10 0.00	40.35 0.71 0.00	36.48 0.82 0.00	34.84 0.75 0.00	33.97 0.63 0.00	33.83 0.60 0.00	34.37 0.51 0.00	35.40 0.25 0.00	40.59 -0.24 0.00	50.52 -0.51 0.00	59.58 0.12 0.00	55.00 -0.11 0.00	49.79 -0.60 0.00	43.41 -0.35 0.00	38.16 -0.23 0.00	34.54 -0.07 0.00
QUENSBRY_115KV_TB8 356137	31.51 1.33 0.00	30.04 1.29 0.00	28.39 1.12 0.00	28.10 1.11 0.00	29.66 1.25 0.00	34.36 1.51 0.00	47.56 2.26 0.00	57.81 2.70 0.00	50.80 2.28 0.00	41.19 1.55 0.00	36.76 1.11 0.00	35.08 0.99 0.00	34.37 1.03 0.00	34.26 1.03 0.00	34.88 1.02 0.00	36.35 1.20 0.00	42.63 1.80 0.00	53.63 2.60 0.00	63.08 3.63 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.78 2.01 0.00	39.97 1.57 0.00	36.03 1.42 0.00
RAMAPO___LBMP 323565	31.33 1.15 0.00	29.72 0.98 0.00	28.22 0.95 0.00	27.94 0.94 0.00	29.43 1.02 0.00	33.96 1.12 0.00	46.75 1.45 0.00	56.76 1.65 0.00	49.88 1.36 0.00	40.43 0.79 0.00	36.48 0.82 0.00	34.88 0.78 0.00	34.17 0.83 0.00	34.10 0.86 0.00	34.78 0.91 0.00	36.18 1.02 0.00	42.02 1.18 0.00	52.56 1.53 0.00	61.89 2.44 0.00	56.87 1.76 0.00	51.80 1.41 0.00	44.86 1.09 0.00	39.20 0.81 0.00	35.30 0.69 0.00
RANKINE____ 23646	29.24 -0.94 0.00	27.88 -0.86 0.00	26.50 -0.76 0.00	26.24 -0.76 0.00	27.47 -0.94 0.00	32.06 -0.79 0.00	43.71 -1.59 0.00	53.07 -2.04 0.00	46.48 -2.04 0.00	39.92 0.28 0.00	36.44 0.78 0.00	34.88 0.78 0.00	34.00 0.67 0.00	34.03 0.80 0.00	34.44 0.58 0.00	34.98 -0.18 0.00	40.06 -0.78 0.00	49.40 -1.63 0.00	58.39 -1.07 0.00	53.84 -1.27 0.00	48.43 -1.97 0.00	42.45 -1.31 0.00	37.59 -0.81 0.00	34.51 -0.10 0.00
RAVENSWOOD_GT2_1 24244	31.90 1.72 0.00	30.18 1.44 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.46 1.61 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.80 2.28 0.00	41.15 1.51 0.00	37.23 1.57 0.00	35.66 1.57 0.00	34.93 1.60 0.00	34.90 1.66 0.00	35.59 1.73 0.00	37.02 1.86 0.00	42.91 2.08 0.00	53.53 2.50 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.69 1.93 0.00	39.93 1.54 0.00	35.92 1.32 0.00

RAVENSWOOD_GT2_2 24245	31.90 1.72 0.00	30.18 1.44 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.46 1.61 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.80 2.28 0.00	41.15 1.51 0.00	37.23 1.57 0.00	35.66 1.57 0.00	34.93 1.60 0.00	34.90 1.66 0.00	35.59 1.73 0.00	37.02 1.86 0.00	42.91 2.08 0.00	53.53 2.50 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.69 1.93 0.00	39.93 1.54 0.00	35.92 1.32 0.00
RAVENSWOOD_GT2_3 24246	31.93 1.75 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.40 1.40 0.00	29.89 1.48 0.00	34.46 1.61 0.00	47.47 2.17 0.00	57.70 2.59 0.00	50.80 2.28 0.00	41.19 1.55 0.00	37.23 1.57 0.00	35.69 1.60 0.00	34.97 1.63 0.00	34.93 1.69 0.00	35.62 1.76 0.00	37.06 1.90 0.00	42.96 2.12 0.00	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.76 2.37 0.00	45.73 1.97 0.00	39.97 1.57 0.00	35.96 1.35 0.00
RAVENSWOOD_GT2_4 24247	31.93 1.75 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.40 1.40 0.00	29.89 1.48 0.00	34.46 1.61 0.00	47.47 2.17 0.00	57.70 2.59 0.00	50.80 2.28 0.00	41.19 1.55 0.00	37.23 1.57 0.00	35.69 1.60 0.00	34.97 1.63 0.00	34.93 1.69 0.00	35.62 1.76 0.00	37.06 1.90 0.00	42.96 2.12 0.00	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.76 2.37 0.00	45.73 1.97 0.00	39.97 1.57 0.00	35.96 1.35 0.00
RAVENSWOOD_GT3_1 24248	31.90 1.72 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.46 1.61 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.80 2.28 0.00	41.19 1.55 0.00	37.23 1.57 0.00	35.66 1.57 0.00	34.93 1.60 0.00	34.90 1.66 0.00	35.59 1.73 0.00	37.02 1.86 0.00	42.96 2.12 0.00	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.73 1.97 0.00	39.93 1.54 0.00	35.96 1.35 0.00
RAVENSWOOD_GT3_2 24249	31.90 1.72 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.46 1.61 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.80 2.28 0.00	41.19 1.55 0.00	37.23 1.57 0.00	35.66 1.57 0.00	34.93 1.60 0.00	34.90 1.66 0.00	35.59 1.73 0.00	37.02 1.86 0.00	42.96 2.12 0.00	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.73 1.97 0.00	39.93 1.54 0.00	35.96 1.35 0.00
RAVENSWOOD_GT3_3 24250	31.90 1.72 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.46 1.61 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.80 2.28 0.00	41.19 1.55 0.00	37.23 1.57 0.00	35.66 1.57 0.00	34.93 1.60 0.00	34.93 1.69 0.00	35.59 1.73 0.00	37.02 1.86 0.00	42.96 2.12 0.00	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.73 1.97 0.00	39.93 1.54 0.00	35.96 1.35 0.00
RAVENSWOOD_GT3_4 24251	31.90 1.72 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.46 1.61 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.80 2.28 0.00	41.19 1.55 0.00	37.23 1.57 0.00	35.66 1.57 0.00	34.93 1.60 0.00	34.93 1.69 0.00	35.59 1.73 0.00	37.02 1.86 0.00	42.96 2.12 0.00	53.58 2.55 0.00	63.14 3.69 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.73 1.97 0.00	39.93 1.54 0.00	35.96 1.35 0.00
RAVENSWOOD_GT_1 23729	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.56 2.26 0.00	57.87 2.76 0.00	51.00 2.47 -0.01	41.35 1.70 -0.01	43.86 1.71 -6.48	44.56 1.74 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.23 1.90 -9.47	45.23 2.04 -8.03	45.20 2.29 -2.08	53.79 2.76 0.00	63.38 3.92 0.00	58.14 3.03 0.00	52.91 2.52 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.11 1.49 -0.01
RAVENSWOOD_GT_10 24258	31.90 1.72 0.00	30.18 1.44 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.46 1.61 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.80 2.28 0.00	41.15 1.51 0.00	37.98 1.57 -0.75	36.67 1.57 -1.01	36.03 1.60 -1.09	35.99 1.66 -1.10	36.68 1.73 -1.09	37.95 1.86 -0.93	43.15 2.08 -0.24	53.53 2.50 0.00	63.08 3.63 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.69 1.93 0.00	39.93 1.54 0.00	35.93 1.32 0.00
RAVENSWOOD_GT_11 24259	31.90 1.72 0.00	30.18 1.44 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.46 1.61 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.80 2.28 0.00	41.15 1.51 0.00	37.98 1.57 -0.75	36.67 1.57 -1.01	36.03 1.60 -1.09	35.99 1.66 -1.10	36.68 1.73 -1.09	37.95 1.86 -0.93	43.15 2.08 -0.24	53.53 2.50 0.00	63.08 3.63 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.69 1.93 0.00	39.93 1.54 0.00	35.93 1.32 0.00
RAVENSWOOD_GT_4 24252	31.88 1.69 -0.01	30.16 1.41 -0.01	28.66 1.39 -0.01	28.35 1.35 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.76 2.23 -0.01	41.11 1.47 -0.01	42.13 1.53 -4.94	42.27 1.53 -6.65	42.13 1.57 -7.23	42.12 1.63 -7.26	42.77 1.69 -7.21	43.10 1.83 -6.12	44.50 2.08 -1.59	53.53 2.50 0.00	63.08 3.63 0.00	57.87 2.76 0.00	52.66 2.27 0.00	45.65 1.88 -0.01	39.90 1.50 -0.01	35.90 1.28 -0.01
RAVENSWOOD_GT_5 24254	31.88 1.69 -0.01	30.16 1.41 -0.01	28.66 1.39 -0.01	28.35 1.35 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.76 2.23 -0.01	41.11 1.47 -0.01	42.13 1.53 -4.94	42.27 1.53 -6.65	42.13 1.57 -7.23	42.12 1.63 -7.26	42.77 1.69 -7.21	43.10 1.83 -6.12	44.50 2.08 -1.59	53.53 2.50 0.00	63.08 3.63 0.00	57.87 2.76 0.00	52.66 2.27 0.00	45.65 1.88 -0.01	39.90 1.50 -0.01	35.90 1.28 -0.01
RAVENSWOOD_GT_6 24253	31.88 1.69 -0.01	30.16 1.41 -0.01	28.66 1.39 -0.01	28.35 1.35 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.76 2.23 -0.01	41.11 1.47 -0.01	42.13 1.53 -4.94	42.27 1.53 -6.65	42.13 1.57 -7.23	42.12 1.63 -7.26	42.77 1.69 -7.21	43.10 1.83 -6.12	44.50 2.08 -1.59	53.53 2.50 0.00	63.08 3.63 0.00	57.87 2.76 0.00	52.66 2.27 0.00	45.65 1.88 -0.01	39.90 1.50 -0.01	35.90 1.28 -0.01
RAVENSWOOD_GT_7 24255	31.88 1.69 -0.01	30.16 1.41 -0.01	28.66 1.39 -0.01	28.35 1.35 -0.01	29.84 1.42 -0.01	34.43 1.58 -0.01	47.38 2.08 0.00	57.59 2.48 0.00	50.76 2.23 -0.01	41.11 1.47 -0.01	42.13 1.53 -4.94	42.27 1.53 -6.65	42.13 1.57 -7.23	42.12 1.63 -7.26	42.77 1.69 -7.21	43.10 1.83 -6.12	44.50 2.08 -1.59	53.53 2.50 0.00	63.08 3.63 0.00	57.87 2.76 0.00	52.66 2.27 0.00	45.65 1.88 -0.01	39.90 1.50 -0.01	35.90 1.28 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.90 1.72 0.00	30.18 1.44 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.46 1.61 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.80 2.28 0.00	41.15 1.51 0.00	37.98 1.57 -0.75	36.67 1.57 -1.01	36.03 1.60 -1.09	35.99 1.66 -1.10	36.68 1.73 -1.09	37.95 1.86 -0.93	43.15 2.08 -0.24	53.53 2.50 0.00	63.08 3.63 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.69 1.93 0.00	39.93 1.54 0.00	35.93 1.32 0.00

RAVENSWOOD_GT_9 24257	31.90 1.72 0.00	30.18 1.44 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.86 1.45 0.00	34.46 1.61 0.00	47.43 2.13 0.00	57.64 2.54 0.00	50.80 2.28 0.00	41.15 1.51 0.00	37.98 1.57 -0.75	36.67 1.57 -1.01	36.03 1.60 -1.09	35.99 1.66 -1.10	36.68 1.73 -1.09	37.95 1.86 -0.93	43.15 2.08 -0.24	53.53 2.50 0.00	63.08 3.63 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.69 1.93 0.00	39.93 1.54 0.00	35.93 1.32 0.00
RAVENSWOOD___1 23533	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.48 1.48 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.47 2.17 0.00	57.81 2.70 0.00	50.86 2.33 -0.01	41.35 1.70 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.52 1.70 -9.49	44.52 1.76 -9.53	45.19 1.86 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.78 2.75 0.00	63.26 3.81 0.00	58.14 3.03 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.07 1.45 -0.01
RAVENSWOOD___2 23534	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.48 1.48 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.47 2.17 0.00	57.81 2.70 0.00	50.86 2.33 -0.01	41.35 1.70 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.52 1.70 -9.49	44.52 1.76 -9.53	45.19 1.86 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.78 2.75 0.00	63.26 3.81 0.00	58.14 3.03 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.07 1.45 -0.01
RAVENSWOOD___3 23535	31.90 1.72 0.00	30.21 1.47 0.00	28.69 1.42 0.00	28.37 1.38 0.00	29.89 1.48 0.00	34.45 1.61 0.00	47.34 2.04 0.00	57.65 2.54 0.00	50.65 2.13 0.00	41.15 1.51 0.00	37.19 1.53 0.00	35.63 1.54 0.00	34.87 1.53 0.00	34.83 1.60 0.00	35.56 1.69 0.00	36.98 1.83 0.00	42.95 2.12 0.00	53.58 2.55 0.00	63.02 3.57 0.00	57.92 2.81 0.00	52.71 2.32 0.00	45.69 1.92 0.00	39.89 1.50 0.00	35.89 1.28 0.00
RAVENSWOOD___4 23820	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.48 1.48 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.47 2.17 0.00	57.81 2.70 0.00	50.86 2.33 -0.01	41.35 1.70 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.52 1.70 -9.49	44.52 1.76 -9.53	45.19 1.86 -9.47	45.16 1.97 -8.03	45.20 2.29 -2.08	53.78 2.75 0.00	63.26 3.81 0.00	58.14 3.03 0.00	52.86 2.47 0.00	45.92 2.14 -0.01	40.09 1.69 -0.01	36.07 1.45 -0.01
RCPL_TRUST___DRP 24196	31.84 1.66 0.00	30.15 1.41 0.00	28.63 1.36 0.00	28.34 1.35 0.00	29.83 1.42 0.00	34.42 1.58 0.00	47.38 2.08 0.00	57.64 2.54 0.00	50.75 2.23 0.00	41.15 1.51 0.00	37.23 1.57 0.00	35.66 1.57 0.00	34.93 1.60 0.00	34.90 1.66 0.00	35.59 1.73 0.00	37.02 1.86 0.00	42.96 2.12 0.00	53.53 2.50 0.00	63.08 3.63 0.00	57.87 2.76 0.00	52.66 2.27 0.00	45.65 1.88 0.00	39.85 1.46 0.00	35.89 1.28 0.00
RED___ROCHESTER 323720	29.76 -0.42 0.00	28.34 -0.40 0.00	26.89 -0.38 0.00	26.62 -0.38 0.00	28.16 -0.26 0.00	32.55 -0.30 0.00	44.89 -0.41 0.00	55.00 -0.11 0.00	48.76 0.24 0.00	40.63 0.99 0.00	36.83 1.18 0.00	35.22 1.12 0.00	34.33 1.00 0.00	34.13 0.90 0.00	34.67 0.81 0.00	35.75 0.60 0.00	40.71 -0.12 0.00	50.68 -0.35 0.00	59.75 0.30 0.00	55.28 0.17 0.00	49.94 -0.45 0.00	43.68 -0.09 0.00	38.35 -0.04 0.00	34.78 0.17 0.00
REGAN___SOLAR 323812	32.23 2.05 0.00	30.73 1.98 0.00	29.07 1.80 0.00	28.77 1.78 0.00	30.37 1.96 0.00	35.28 2.43 0.00	48.84 3.54 0.00	59.35 4.24 0.00	51.91 3.40 0.00	42.06 2.42 0.00	37.34 1.68 0.00	35.56 1.46 0.00	34.83 1.50 0.00	34.73 1.50 0.00	35.56 1.69 0.00	37.13 1.97 0.00	43.69 2.86 0.00	55.06 4.03 0.00	64.87 5.41 0.00	59.68 4.57 0.00	54.27 3.88 0.00	47.05 3.28 0.00	41.08 2.69 0.00	37.00 2.39 0.00
RENSSELAER___COGEN 23796	30.57 0.39 0.00	29.09 0.35 0.00	27.60 0.33 0.00	27.29 0.30 0.00	28.72 0.31 0.00	33.24 0.40 0.00	45.89 0.59 0.00	55.72 0.61 0.00	48.95 0.44 0.00	39.68 0.04 0.00	35.59 -0.07 0.00	34.02 -0.07 0.00	33.33 0.00 0.00	33.27 0.03 0.00	33.90 0.03 0.00	35.30 0.14 0.00	41.20 0.37 0.00	51.59 0.56 0.00	60.53 1.07 0.00	55.66 0.55 0.00	50.84 0.45 0.00	44.07 0.31 0.00	38.59 0.19 0.00	34.78 0.17 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.20 3.02 0.00	31.71 2.96 0.00	29.89 2.62 0.00	29.61 2.62 0.00	31.28 2.87 0.00	36.33 3.48 0.00	50.37 5.07 0.00	61.34 6.23 0.00	53.81 5.29 0.00	43.60 3.96 0.00	38.80 3.14 0.00	36.99 2.90 0.00	36.20 2.87 0.00	36.09 2.86 0.00	36.71 2.84 0.00	38.25 3.09 0.00	45.00 4.16 0.00	56.85 5.82 0.00	67.07 7.61 0.00	61.61 6.50 0.00	55.99 5.59 0.00	48.45 4.68 0.00	42.19 3.80 0.00	38.07 3.46 0.00
REVERE_CPPR_DRP 24186	31.15 0.97 0.00	29.66 0.92 0.00	28.11 0.85 0.00	27.86 0.86 0.00	29.32 0.91 0.00	34.00 1.15 0.00	47.02 1.72 0.00	57.48 2.37 0.00	50.56 2.04 0.00	41.46 1.82 0.00	37.05 1.39 0.00	35.35 1.26 0.00	34.37 1.03 0.00	34.36 1.13 0.00	35.08 1.22 0.00	36.39 1.23 0.00	42.26 1.43 0.00	53.12 2.09 0.00	62.37 2.91 0.00	57.75 2.65 0.00	52.56 2.17 0.00	45.56 1.79 0.00	39.89 1.50 0.00	35.86 1.25 0.00
REYNOLDS_115KV_TB3 80639	30.87 0.69 0.00	29.38 0.63 0.00	27.87 0.60 0.00	27.56 0.57 0.00	29.04 0.63 0.00	33.57 0.72 0.00	46.34 1.04 0.00	56.21 1.10 0.00	49.44 0.92 0.00	40.00 0.36 0.00	35.94 0.29 0.00	34.36 0.27 0.00	33.67 0.33 0.00	33.60 0.37 0.00	34.24 0.37 0.00	35.68 0.53 0.00	41.57 0.73 0.00	52.05 1.02 0.00	61.06 1.61 0.00	56.16 1.05 0.00	51.25 0.86 0.00	44.46 0.70 0.00	38.97 0.58 0.00	35.13 0.52 0.00
RIVERBAY____ 323610	32.15 1.96 -0.01	30.45 1.70 -0.01	28.91 1.64 -0.01	28.59 1.59 -0.01	30.10 1.68 -0.01	34.69 1.84 -0.01	47.75 2.45 0.00	57.98 2.87 0.00	51.08 2.57 0.01	41.42 1.78 0.01	37.43 1.78 0.01	35.89 1.81 0.01	35.13 1.80 0.01	35.09 1.86 0.01	35.79 1.93 0.01	37.22 2.07 0.01	43.15 2.33 0.01	53.84 2.81 0.00	63.50 4.04 0.00	58.25 3.14 0.00	53.01 2.62 0.00	45.99 2.23 0.01	40.20 1.80 -0.01	36.21 1.59 -0.01
RIVERSDE_115KV_TB3 55908	30.72 0.54 0.00	29.26 0.52 0.00	27.73 0.46 0.00	27.45 0.46 0.00	28.92 0.51 0.00	33.44 0.59 0.00	46.16 0.86 0.00	55.99 0.88 0.00	49.25 0.73 0.00	39.88 0.24 0.00	35.80 0.14 0.00	34.23 0.14 0.00	33.53 0.20 0.00	33.47 0.23 0.00	34.10 0.24 0.00	35.54 0.39 0.00	41.44 0.61 0.00	51.90 0.87 0.00	60.82 1.37 0.00	55.94 0.83 0.00	51.10 0.71 0.00	44.33 0.57 0.00	38.81 0.42 0.00	34.99 0.38 0.00
ROARING___BROOK_WT_PWR 323790	29.55 -0.64 0.00	28.20 -0.55 0.00	26.75 -0.52 0.00	26.48 -0.51 0.00	27.87 -0.54 0.00	32.19 -0.66 0.00	44.39 -0.91 0.00	54.06 -1.05 0.00	47.69 -0.83 0.00	39.05 -0.59 0.00	35.12 -0.53 0.00	33.61 -0.48 0.00	32.94 -0.40 0.00	32.80 -0.43 0.00	33.42 -0.44 0.00	34.67 -0.49 0.00	40.38 -0.45 0.00	50.52 -0.51 0.00	58.62 -0.83 0.00	54.56 -0.55 0.00	50.04 -0.35 0.00	43.46 -0.30 0.00	38.24 -0.15 0.00	34.47 -0.14 0.00

ROCHESRG_115KV_T4 355643	29.52 -0.66 0.00	28.11 -0.63 0.00	26.67 -0.60 0.00	26.40 -0.59 0.00	27.70 -0.71 0.00	32.25 -0.59 0.00	44.26 -1.04 0.00	54.12 -0.99 0.00	47.99 -0.53 0.00	40.12 0.48 0.00	36.34 0.68 0.00	34.71 0.61 0.00	33.83 0.50 0.00	33.70 0.47 0.00	34.24 0.37 0.00	35.19 0.04 0.00	40.30 -0.53 0.00	50.06 -0.97 0.00	59.10 -0.36 0.00	54.61 -0.50 0.00	49.38 -1.01 0.00	43.11 -0.66 0.00	37.89 -0.50 0.00	34.40 -0.21 0.00
ROCHESTER_9_IC 23652	29.64 -0.54 0.00	28.26 -0.49 0.00	26.78 -0.49 0.00	26.51 -0.49 0.00	27.82 -0.60 0.00	32.42 -0.43 0.00	44.53 -0.77 0.00	54.50 -0.61 0.00	48.28 -0.24 0.00	40.39 0.75 0.00	36.55 0.89 0.00	34.94 0.85 0.00	34.03 0.70 0.00	33.90 0.66 0.00	34.44 0.58 0.00	35.40 0.25 0.00	40.55 -0.29 0.00	50.42 -0.61 0.00	59.52 0.06 0.00	54.94 -0.17 0.00	49.69 -0.71 0.00	43.37 -0.39 0.00	38.12 -0.27 0.00	34.57 -0.03 0.00
ROCKVIEW_13_KV_LD 356306	31.81 1.63 0.00	30.12 1.38 0.00	28.60 1.34 0.00	28.29 1.30 0.00	29.80 1.39 0.00	34.39 1.54 0.00	47.38 2.08 0.00	57.59 2.48 0.00	50.70 2.18 0.00	41.03 1.39 0.00	37.05 1.39 0.00	35.52 1.43 0.00	34.80 1.47 0.00	34.76 1.53 0.00	35.45 1.59 0.00	36.88 1.72 0.00	42.83 2.00 0.00	53.48 2.45 0.00	63.02 3.57 0.00	57.81 2.70 0.00	52.66 2.27 0.00	45.65 1.88 0.00	39.81 1.42 0.00	35.86 1.25 0.00
ROME____115KV_TB2 80656	31.15 0.97 0.00	29.66 0.92 0.00	28.11 0.85 0.00	27.86 0.86 0.00	29.32 0.91 0.00	34.00 1.15 0.00	47.02 1.72 0.00	57.48 2.37 0.00	50.56 2.04 0.00	41.46 1.82 0.00	37.05 1.39 0.00	35.35 1.26 0.00	34.37 1.03 0.00	34.36 1.13 0.00	35.08 1.22 0.00	36.39 1.23 0.00	42.26 1.43 0.00	53.12 2.09 0.00	62.37 2.91 0.00	57.75 2.65 0.00	52.56 2.17 0.00	45.56 1.79 0.00	39.89 1.50 0.00	35.86 1.25 0.00
ROSETON___1 23587	31.36 1.18 0.00	29.75 1.01 0.00	28.25 0.98 0.00	27.94 0.94 0.00	29.43 1.02 0.00	33.96 1.12 0.00	46.71 1.41 0.00	56.87 1.76 0.00	49.93 1.41 0.00	40.47 0.83 0.00	36.51 0.85 0.00	34.94 0.85 0.00	34.17 0.83 0.00	34.13 0.90 0.00	34.85 0.98 0.00	36.25 1.09 0.00	42.14 1.31 0.00	52.71 1.68 0.00	61.95 2.50 0.00	56.93 1.82 0.00	51.90 1.51 0.00	44.99 1.22 0.00	39.28 0.88 0.00	35.37 0.76 0.00
ROSETON___2 23588	31.36 1.18 0.00	29.75 1.01 0.00	28.25 0.98 0.00	27.94 0.94 0.00	29.43 1.02 0.00	33.96 1.12 0.00	46.71 1.41 0.00	56.87 1.76 0.00	49.93 1.41 0.00	40.47 0.83 0.00	36.51 0.85 0.00	34.94 0.85 0.00	34.17 0.83 0.00	34.13 0.90 0.00	34.85 0.98 0.00	36.25 1.09 0.00	42.14 1.31 0.00	52.71 1.68 0.00	61.95 2.50 0.00	56.93 1.82 0.00	51.90 1.51 0.00	44.99 1.22 0.00	39.28 0.88 0.00	35.37 0.76 0.00
ROTRRDAM_115KV_TB3 80664	31.03 0.85 0.00	29.55 0.80 0.00	28.00 0.74 0.00	27.72 0.73 0.00	29.21 0.80 0.00	33.77 0.92 0.00	46.61 1.31 0.00	56.60 1.49 0.00	49.78 1.26 0.00	40.43 0.79 0.00	36.27 0.61 0.00	34.64 0.55 0.00	33.90 0.57 0.00	33.83 0.60 0.00	34.51 0.64 0.00	35.93 0.77 0.00	41.89 1.06 0.00	52.46 1.43 0.00	61.48 2.02 0.00	56.71 1.60 0.00	51.70 1.31 0.00	44.90 1.14 0.00	39.28 0.88 0.00	35.41 0.80 0.00
RUSSELL___1 23602	29.76 -0.42 0.00	28.34 -0.40 0.00	26.89 -0.38 0.00	26.59 -0.40 0.00	27.93 -0.48 0.00	32.55 -0.30 0.00	44.71 -0.59 0.00	54.78 -0.33 0.00	48.57 0.05 0.00	40.59 0.95 0.00	36.76 1.11 0.00	35.11 1.02 0.00	34.17 0.83 0.00	34.06 0.83 0.00	34.57 0.71 0.00	35.54 0.39 0.00	40.71 -0.12 0.00	50.67 -0.36 0.00	59.87 0.42 0.00	55.27 0.17 0.00	49.94 -0.45 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.71 0.10 0.00
RUSSELL___2 23532	29.76 -0.42 0.00	28.34 -0.40 0.00	26.89 -0.38 0.00	26.59 -0.40 0.00	27.93 -0.48 0.00	32.55 -0.30 0.00	44.71 -0.59 0.00	54.78 -0.33 0.00	48.57 0.05 0.00	40.59 0.95 0.00	36.76 1.11 0.00	35.11 1.02 0.00	34.17 0.83 0.00	34.06 0.83 0.00	34.57 0.71 0.00	35.54 0.39 0.00	40.71 -0.12 0.00	50.67 -0.36 0.00	59.87 0.42 0.00	55.27 0.17 0.00	49.94 -0.45 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.71 0.10 0.00
RUSSELL___3 23549	29.76 -0.42 0.00	28.34 -0.40 0.00	26.89 -0.38 0.00	26.59 -0.40 0.00	27.93 -0.48 0.00	32.55 -0.30 0.00	44.71 -0.59 0.00	54.78 -0.33 0.00	48.57 0.05 0.00	40.59 0.95 0.00	36.76 1.11 0.00	35.11 1.02 0.00	34.17 0.83 0.00	34.06 0.83 0.00	34.57 0.71 0.00	35.54 0.39 0.00	40.71 -0.12 0.00	50.67 -0.36 0.00	59.87 0.42 0.00	55.27 0.17 0.00	49.94 -0.45 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.71 0.10 0.00
RUSSELL___4 23556	29.76 -0.42 0.00	28.34 -0.40 0.00	26.89 -0.38 0.00	26.59 -0.40 0.00	27.93 -0.48 0.00	32.55 -0.30 0.00	44.71 -0.59 0.00	54.78 -0.33 0.00	48.57 0.05 0.00	40.59 0.95 0.00	36.76 1.11 0.00	35.11 1.02 0.00	34.17 0.83 0.00	34.06 0.83 0.00	34.57 0.71 0.00	35.54 0.39 0.00	40.71 -0.12 0.00	50.67 -0.36 0.00	59.87 0.42 0.00	55.27 0.17 0.00	49.94 -0.45 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.71 0.10 0.00
RUSSELL___STATION 23914	29.76 -0.42 0.00	28.34 -0.40 0.00	26.89 -0.38 0.00	26.59 -0.40 0.00	27.93 -0.48 0.00	32.55 -0.30 0.00	44.71 -0.59 0.00	54.78 -0.33 0.00	48.57 0.05 0.00	40.59 0.95 0.00	36.76 1.11 0.00	35.11 1.02 0.00	34.17 0.83 0.00	34.06 0.83 0.00	34.57 0.71 0.00	35.54 0.39 0.00	40.71 -0.12 0.00	50.67 -0.36 0.00	59.87 0.42 0.00	55.27 0.17 0.00	49.94 -0.45 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.71 0.10 0.00
S SALMON___HYD 24043	29.88 -0.30 0.00	28.46 -0.29 0.00	26.97 -0.30 0.00	26.72 -0.27 0.00	28.16 -0.26 0.00	32.52 -0.33 0.00	45.03 -0.27 0.00	54.89 -0.22 0.00	48.28 -0.24 0.00	39.64 0.00 0.00	35.55 -0.11 0.00	33.92 -0.17 0.00	33.07 -0.27 0.00	32.97 -0.27 0.00	33.63 -0.24 0.00	34.91 -0.24 0.00	40.42 -0.41 0.00	50.68 -0.35 0.00	59.46 0.00 0.00	55.05 -0.06 0.00	50.14 -0.25 0.00	43.76 0.00 0.00	38.35 -0.04 0.00	34.47 -0.14 0.00
S.PERRY__115KV_TB1 80734	30.48 0.30 0.00	29.03 0.29 0.00	27.54 0.27 0.00	27.24 0.24 0.00	28.61 0.20 0.00	33.47 0.62 0.00	44.76 -0.54 0.00	54.94 -0.17 0.00	48.18 -0.34 0.00	40.12 0.48 0.00	36.12 0.46 0.00	34.40 0.31 0.00	33.43 0.10 0.00	33.40 0.17 0.00	33.93 0.07 0.00	34.88 -0.28 0.00	40.22 -0.61 0.00	50.26 -0.77 0.00	59.93 0.48 0.00	55.44 0.33 0.00	49.99 -0.40 0.00	43.55 -0.22 0.00	38.28 -0.12 0.00	35.75 1.14 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.91 -1.27 0.00	27.57 -1.18 0.00	26.18 -1.09 0.00	25.94 -1.05 0.00	27.13 -1.28 0.00	31.66 -1.18 0.00	43.08 -2.22 0.00	52.35 -2.76 0.00	45.80 -2.72 0.00	39.36 -0.28 0.00	35.94 0.29 0.00	34.43 0.34 0.00	33.57 0.23 0.00	33.57 0.33 0.00	34.00 0.14 0.00	34.52 -0.63 0.00	39.53 -1.31 0.00	48.73 -2.30 0.00	57.61 -1.84 0.00	53.18 -1.93 0.00	47.82 -2.57 0.00	42.01 -1.75 0.00	37.20 -1.19 0.00	34.09 -0.52 0.00

SAWYER___23_KV_LOAD 55526	28.91 -1.27 0.00	27.57 -1.18 0.00	26.18 -1.09 0.00	25.94 -1.05 0.00	27.13 -1.28 0.00	31.66 -1.18 0.00	43.08 -2.22 0.00	52.35 -2.76 0.00	45.80 -2.72 0.00	39.36 -0.28 0.00	35.94 0.29 0.00	34.43 0.34 0.00	33.57 0.23 0.00	33.57 0.33 0.00	34.00 0.14 0.00	34.52 -0.63 0.00	39.53 -1.31 0.00	48.73 -2.30 0.00	57.61 -1.84 0.00	53.18 -1.93 0.00	47.82 -2.57 0.00	42.01 -1.75 0.00	37.20 -1.19 0.00	34.09 -0.52 0.00
SELKIRK___I 23801	30.82 0.63 0.00	29.38 0.63 0.00	27.84 0.57 0.00	27.56 0.57 0.00	28.98 0.57 0.00	33.54 0.69 0.00	46.25 0.95 0.00	56.15 1.04 0.00	49.29 0.77 0.00	39.92 0.28 0.00	35.80 0.14 0.00	34.19 0.10 0.00	33.50 0.17 0.00	33.43 0.20 0.00	34.10 0.24 0.00	35.47 0.32 0.00	41.48 0.65 0.00	52.00 0.97 0.00	61.00 1.54 0.00	56.15 1.04 0.00	51.25 0.86 0.00	44.51 0.74 0.00	38.97 0.58 0.00	35.16 0.55 0.00
SELKIRK___II 23799	30.66 0.48 0.00	29.20 0.46 0.00	27.68 0.41 0.00	27.40 0.41 0.00	28.81 0.40 0.00	33.34 0.49 0.00	46.02 0.72 0.00	55.88 0.77 0.00	49.10 0.58 0.00	39.80 0.16 0.00	35.69 0.04 0.00	34.13 0.03 0.00	33.40 0.07 0.00	33.37 0.13 0.00	34.00 0.14 0.00	35.37 0.21 0.00	41.32 0.49 0.00	51.74 0.71 0.00	60.71 1.25 0.00	55.88 0.77 0.00	51.00 0.61 0.00	44.25 0.48 0.00	38.74 0.34 0.00	34.92 0.31 0.00
SENECA OSWGO___HYD 24041	29.67 -0.51 0.00	28.26 -0.49 0.00	26.78 -0.49 0.00	26.53 -0.46 0.00	27.96 -0.46 0.00	32.35 -0.49 0.00	44.76 -0.54 0.00	54.56 -0.55 0.00	48.03 -0.49 0.00	39.44 -0.20 0.00	35.48 -0.18 0.00	33.89 -0.20 0.00	33.10 -0.23 0.00	32.97 -0.27 0.00	33.56 -0.31 0.00	34.81 -0.35 0.00	40.30 -0.53 0.00	50.37 -0.66 0.00	59.04 -0.41 0.00	54.56 -0.55 0.00	49.69 -0.71 0.00	43.19 -0.57 0.00	37.89 -0.50 0.00	34.12 -0.48 0.00
SENECA___115KV_TB3 355854	29.31 -0.88 0.00	27.94 -0.80 0.00	26.53 -0.74 0.00	26.29 -0.70 0.00	27.50 -0.91 0.00	32.12 -0.72 0.00	43.80 -1.49 0.00	53.18 -1.93 0.00	46.58 -1.94 0.00	40.04 0.40 0.00	36.51 0.86 0.00	34.98 0.89 0.00	34.07 0.73 0.00	34.10 0.86 0.00	34.54 0.68 0.00	35.05 -0.11 0.00	40.14 -0.69 0.00	49.50 -1.53 0.00	58.45 -1.01 0.00	53.95 -1.16 0.00	48.48 -1.91 0.00	42.54 -1.23 0.00	37.66 -0.73 0.00	34.54 -0.07 0.00
SENECA___ENERGY 23797	29.97 -0.21 0.00	28.54 -0.20 0.00	27.08 -0.19 0.00	26.81 -0.19 0.00	28.30 -0.11 0.00	32.78 -0.07 0.00	45.30 0.00 0.00	55.33 0.22 0.00	48.71 0.19 0.00	40.20 0.55 0.00	36.26 0.61 0.00	34.64 0.54 0.00	33.80 0.47 0.00	33.63 0.40 0.00	34.24 0.37 0.00	35.47 0.32 0.00	40.75 -0.08 0.00	50.93 -0.10 0.00	59.93 0.47 0.00	55.39 0.28 0.00	50.19 -0.20 0.00	43.68 -0.09 0.00	38.43 0.04 0.00	34.68 0.07 0.00
SHOEMAKER___GT 23640	31.15 0.97 0.00	29.55 0.80 0.00	28.09 0.82 0.00	27.78 0.78 0.00	29.24 0.82 0.00	33.76 0.92 0.00	46.52 1.22 0.00	56.60 1.49 0.00	49.68 1.16 0.00	40.31 0.67 0.00	36.30 0.64 0.00	34.67 0.58 0.00	33.93 0.60 0.00	33.86 0.63 0.00	34.58 0.71 0.00	35.97 0.81 0.00	41.89 1.06 0.00	52.41 1.38 0.00	61.59 2.14 0.00	56.71 1.60 0.00	51.70 1.31 0.00	44.77 1.01 0.00	39.12 0.73 0.00	35.23 0.62 0.00
SHOEMAKR_138KV_BK 111 55601	31.12 0.94 0.00	29.55 0.80 0.00	28.09 0.82 0.00	27.78 0.78 0.00	29.24 0.82 0.00	33.77 0.92 0.00	46.52 1.22 0.00	56.60 1.49 0.00	49.73 1.21 0.00	40.31 0.67 0.00	36.30 0.64 0.00	34.71 0.61 0.00	34.00 0.67 0.00	33.93 0.70 0.00	34.61 0.74 0.00	36.00 0.84 0.00	41.85 1.02 0.00	52.36 1.33 0.00	61.60 2.14 0.00	56.71 1.60 0.00	51.70 1.31 0.00	44.77 1.01 0.00	39.12 0.73 0.00	35.23 0.62 0.00
SHOREHAM_IC_1 23715	32.60 2.42 -0.01	30.73 1.98 0.00	29.12 1.86 0.00	28.80 1.81 0.00	30.46 2.05 0.00	34.78 1.94 0.00	46.48 1.18 0.00	53.54 1.21 2.78	49.46 0.97 0.03	38.06 0.24 1.82	36.11 0.46 0.02	34.88 0.78 0.00	34.10 0.77 0.00	34.20 0.96 0.00	35.02 1.15 0.00	36.25 1.09 0.00	42.38 1.55 0.00	52.97 1.94 0.00	62.84 3.39 0.00	57.48 2.37 0.00	52.15 1.76 0.00	45.43 1.66 0.00	39.24 0.84 0.00	35.75 1.14 0.00
SHOREHAM_IC_2 23716	32.60 2.42 -0.01	30.73 1.98 0.00	29.12 1.86 0.00	28.80 1.81 0.00	30.46 2.05 0.00	34.78 1.94 0.00	46.48 1.18 0.00	53.54 1.21 2.78	49.46 0.97 0.03	38.06 0.24 1.82	36.11 0.46 0.02	34.88 0.78 0.00	34.10 0.77 0.00	34.20 0.96 0.00	35.02 1.15 0.00	36.25 1.09 0.00	42.38 1.55 0.00	52.97 1.94 0.00	62.84 3.39 0.00	57.48 2.37 0.00	52.15 1.76 0.00	45.43 1.66 0.00	39.24 0.84 0.00	35.75 1.14 0.00
SISSONVILLE____ 23735	29.76 -0.42 0.00	28.46 -0.29 0.00	26.97 -0.30 0.00	26.75 -0.24 0.00	28.16 -0.26 0.00	32.12 -0.72 0.00	43.76 -1.54 0.00	52.46 -2.65 0.00	46.00 -2.52 0.00	38.57 -1.07 0.00	34.09 -1.57 0.00	32.52 -1.57 0.00	31.63 -1.70 0.00	31.51 -1.73 0.00	32.31 -1.56 0.00	33.54 -1.62 0.00	39.28 -1.55 0.00	49.96 -1.07 0.00	57.08 -2.38 0.00	53.35 -1.76 0.00	49.33 -1.06 0.00	44.20 0.44 0.00	39.47 1.07 0.00	35.27 0.66 0.00
SITHE_IND_GS1 24169	29.30 -0.88 0.00	27.91 -0.83 0.00	26.48 -0.79 0.00	26.21 -0.78 0.00	27.62 -0.80 0.00	31.93 -0.92 0.00	44.08 -1.22 0.00	53.73 -1.38 0.00	47.35 -1.16 0.00	38.81 -0.83 0.00	34.95 -0.71 0.00	33.41 -0.68 0.00	32.63 -0.70 0.00	32.53 -0.70 0.00	33.12 -0.75 0.00	34.35 -0.81 0.00	39.73 -1.10 0.00	49.65 -1.38 0.00	58.09 -1.37 0.00	53.73 -1.38 0.00	48.98 -1.41 0.00	42.58 -1.18 0.00	37.36 -1.03 0.00	33.71 -0.90 0.00
SITHE_IND_GS2 24170	29.30 -0.88 0.00	27.91 -0.83 0.00	26.48 -0.79 0.00	26.21 -0.78 0.00	27.62 -0.80 0.00	31.93 -0.92 0.00	44.08 -1.22 0.00	53.73 -1.38 0.00	47.35 -1.16 0.00	38.81 -0.83 0.00	34.95 -0.71 0.00	33.41 -0.68 0.00	32.63 -0.70 0.00	32.53 -0.70 0.00	33.12 -0.75 0.00	34.35 -0.81 0.00	39.73 -1.10 0.00	49.65 -1.38 0.00	58.09 -1.37 0.00	53.73 -1.38 0.00	48.98 -1.41 0.00	42.58 -1.18 0.00	37.36 -1.03 0.00	33.71 -0.90 0.00
SITHE_IND_GS3 24171	29.30 -0.88 0.00	27.91 -0.83 0.00	26.48 -0.79 0.00	26.21 -0.78 0.00	27.62 -0.80 0.00	31.93 -0.92 0.00	44.08 -1.22 0.00	53.73 -1.38 0.00	47.35 -1.16 0.00	38.81 -0.83 0.00	34.95 -0.71 0.00	33.41 -0.68 0.00	32.63 -0.70 0.00	32.53 -0.70 0.00	33.12 -0.75 0.00	34.35 -0.81 0.00	39.73 -1.10 0.00	49.65 -1.38 0.00	58.09 -1.37 0.00	53.73 -1.38 0.00	48.98 -1.41 0.00	42.58 -1.18 0.00	37.36 -1.03 0.00	33.71 -0.90 0.00
SITHE_IND_GS4 24172	29.30 -0.88 0.00	27.91 -0.83 0.00	26.48 -0.79 0.00	26.21 -0.78 0.00	27.62 -0.80 0.00	31.93 -0.92 0.00	44.08 -1.22 0.00	53.73 -1.38 0.00	47.35 -1.16 0.00	38.81 -0.83 0.00	34.95 -0.71 0.00	33.41 -0.68 0.00	32.63 -0.70 0.00	32.53 -0.70 0.00	33.12 -0.75 0.00	34.35 -0.81 0.00	39.73 -1.10 0.00	49.65 -1.38 0.00	58.09 -1.37 0.00	53.73 -1.38 0.00	48.98 -1.41 0.00	42.58 -1.18 0.00	37.36 -1.03 0.00	33.71 -0.90 0.00

SITHE___BATAVIA 24024	29.49 -0.69 0.00	28.08 -0.66 0.00	26.67 -0.60 0.00	26.40 -0.59 0.00	27.99 -0.43 0.00	32.35 -0.49 0.00	44.35 -0.95 0.00	54.23 -0.88 0.00	47.69 -0.83 0.00	40.24 0.60 0.00	36.62 0.96 0.00	35.04 0.95 0.00	34.17 0.83 0.00	34.03 0.80 0.00	34.50 0.64 0.00	35.41 0.25 0.00	40.22 -0.61 0.00	49.86 -1.17 0.00	59.04 -0.41 0.00	54.61 -0.50 0.00	49.08 -1.31 0.00	43.15 -0.61 0.00	37.97 -0.42 0.00	34.82 0.21 0.00
SITHE___INDEPEND 23800	29.31 -0.88 0.00	27.91 -0.83 0.00	26.48 -0.79 0.00	26.21 -0.78 0.00	27.56 -0.85 0.00	31.93 -0.92 0.00	44.08 -1.22 0.00	53.68 -1.43 0.00	47.31 -1.21 0.00	38.81 -0.83 0.00	34.95 -0.71 0.00	33.38 -0.72 0.00	32.60 -0.73 0.00	32.50 -0.73 0.00	33.12 -0.74 0.00	34.31 -0.84 0.00	39.73 -1.10 0.00	49.65 -1.38 0.00	58.09 -1.37 0.00	53.73 -1.38 0.00	48.98 -1.41 0.00	42.58 -1.18 0.00	37.36 -1.04 0.00	33.67 -0.93 0.00
SITHE___MASSENA 23902	30.00 -0.18 0.00	28.66 -0.09 0.00	27.19 -0.08 0.00	26.91 -0.08 0.00	28.33 -0.08 0.00	32.68 -0.16 0.00	45.07 -0.23 0.00	54.89 -0.22 0.00	48.33 -0.19 0.00	39.60 -0.04 0.00	35.55 -0.11 0.00	33.99 -0.10 0.00	33.30 -0.03 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	34.98 -0.17 0.00	40.79 -0.04 0.00	51.03 0.00 0.00	58.86 -0.59 0.00	54.94 -0.16 0.00	50.59 0.20 0.00	43.90 0.13 0.00	38.70 0.31 0.00	34.85 0.24 0.00
SITHE___OGDNSBRG 24021	30.66 0.48 0.00	29.32 0.57 0.00	27.79 0.52 0.00	27.59 0.59 0.00	29.01 0.60 0.00	33.24 0.39 0.00	45.44 0.14 0.00	54.72 -0.39 0.00	47.84 -0.68 0.00	39.96 0.32 0.00	35.09 -0.57 0.00	33.41 -0.68 0.00	32.43 -0.90 0.00	32.34 -0.90 0.00	33.15 -0.71 0.00	34.45 -0.70 0.00	40.38 -0.45 0.00	51.74 0.71 0.00	59.63 0.18 0.00	55.88 0.77 0.00	51.50 1.11 0.00	45.86 2.10 0.00	40.81 2.42 0.00	36.37 1.77 0.00
SITHE___STERLING 23777	30.94 0.75 0.00	29.46 0.72 0.00	27.92 0.65 0.00	27.67 0.68 0.00	29.12 0.71 0.00	33.73 0.89 0.00	46.71 1.41 0.00	57.04 1.93 0.00	50.17 1.65 0.00	41.11 1.47 0.00	36.80 1.14 0.00	35.15 1.06 0.00	34.23 0.90 0.00	34.20 0.96 0.00	34.85 0.98 0.00	36.14 0.98 0.00	41.93 1.10 0.00	52.61 1.58 0.00	61.71 2.26 0.00	57.15 2.04 0.00	52.00 1.61 0.00	45.12 1.36 0.00	39.51 1.11 0.00	35.54 0.93 0.00
SLEIGHT__34_KV_TB1 80719	30.12 -0.06 0.00	28.69 -0.06 0.00	27.19 -0.08 0.00	26.91 -0.08 0.00	28.27 -0.14 0.00	32.98 0.13 0.00	45.48 0.18 0.00	55.77 0.66 0.00	49.34 0.82 0.00	41.15 1.51 0.00	37.19 1.53 0.00	35.49 1.40 0.00	34.57 1.23 0.00	34.40 1.16 0.00	34.95 1.08 0.00	35.97 0.81 0.00	41.24 0.41 0.00	51.39 0.36 0.00	60.65 1.19 0.00	55.99 0.88 0.00	50.59 0.20 0.00	44.11 0.35 0.00	38.74 0.35 0.00	35.02 0.42 0.00
SOUTH CAIRO___GT 23612	31.18 1.00 0.00	29.69 0.95 0.00	28.14 0.87 0.00	27.86 0.86 0.00	29.38 0.97 0.00	34.06 1.22 0.00	47.38 2.08 0.00	57.64 2.54 0.00	50.41 1.89 0.00	40.35 0.71 0.00	35.94 0.29 0.00	34.13 0.03 0.00	33.47 0.13 0.00	33.37 0.13 0.00	34.10 0.24 0.00	35.58 0.42 0.00	42.06 1.22 0.00	53.17 2.14 0.00	62.67 3.21 0.00	57.75 2.65 0.00	52.66 2.27 0.00	45.51 1.75 0.00	39.77 1.38 0.00	35.79 1.18 0.00
SOUTH HAMPTN___IC 23720	32.63 2.44 -0.01	30.76 2.01 0.00	29.15 1.88 0.00	28.83 1.84 0.00	30.48 2.07 0.00	34.85 2.00 0.00	46.52 1.22 0.00	53.58 1.27 2.79	49.56 1.07 0.03	38.13 0.32 1.82	36.25 0.61 0.02	35.04 0.95 0.00	34.27 0.93 0.00	34.33 1.10 0.00	35.22 1.36 0.00	36.42 1.26 0.00	42.63 1.79 0.00	53.22 2.19 0.00	63.14 3.69 0.00	57.70 2.59 0.00	52.35 1.96 0.00	45.64 1.88 0.00	39.39 1.00 0.00	35.92 1.31 0.00
SOUTHDOW_115KV_TB1 355954	30.15 -0.03 0.00	28.72 -0.03 0.00	27.32 0.05 0.00	27.05 0.05 0.00	28.38 -0.03 0.00	33.24 0.39 0.00	45.44 0.14 0.00	55.50 0.39 0.00	48.62 0.10 0.00	41.78 2.14 0.00	37.94 2.28 0.00	36.31 2.22 0.00	35.37 2.03 0.00	35.46 2.23 0.00	35.83 1.96 0.00	36.39 1.23 0.00	41.65 0.82 0.00	51.49 0.46 0.00	61.00 1.55 0.00	56.27 1.16 0.00	50.49 0.10 0.00	44.11 0.35 0.00	39.08 0.69 0.00	35.82 1.21 0.00
SOUTHOLD_69_KV_BK 2 55809	32.53 2.35 0.00	30.64 1.90 0.00	29.04 1.77 0.00	28.69 1.70 0.00	30.34 1.93 0.00	34.75 1.91 0.00	46.61 1.31 0.00	53.48 1.16 2.79	49.57 1.07 0.02	38.02 0.20 1.81	36.40 0.75 0.01	35.35 1.26 0.00	34.63 1.30 0.00	34.86 1.63 0.00	35.52 1.66 0.00	36.60 1.44 0.00	42.79 1.96 0.00	53.48 2.45 0.00	63.62 4.16 0.00	57.87 2.76 0.00	52.46 2.07 0.00	45.86 2.10 0.00	39.58 1.19 0.00	36.17 1.56 0.00
SOUTHOLD___IC 23719	32.54 2.36 -0.01	30.64 1.90 0.00	29.04 1.77 0.00	28.69 1.70 0.00	30.37 1.96 0.00	34.75 1.90 0.00	46.43 1.13 0.00	53.47 1.16 2.79	49.41 0.92 0.03	38.02 0.20 1.82	36.29 0.64 0.02	35.11 1.02 0.00	34.33 1.00 0.00	34.43 1.19 0.00	35.32 1.46 0.00	36.57 1.41 0.00	42.79 1.96 0.00	53.43 2.40 0.00	63.44 3.98 0.00	57.86 2.75 0.00	52.46 2.07 0.00	45.82 2.06 0.00	39.51 1.11 0.00	35.99 1.39 0.00
SOUTH_FORK_WT_PWR 323839	32.18 1.99 -0.01	30.32 1.58 0.00	28.74 1.47 0.00	28.40 1.40 0.00	30.06 1.65 0.00	34.39 1.54 0.00	45.89 0.59 0.00	52.81 0.49 2.79	48.88 0.39 0.03	37.62 -0.20 1.82	36.00 0.36 0.02	34.88 0.78 0.00	34.10 0.77 0.00	34.20 0.96 0.00	35.12 1.25 0.00	36.35 1.20 0.00	42.55 1.71 0.00	53.07 2.04 0.00	62.90 3.45 0.00	57.37 2.26 0.00	52.00 1.61 0.00	45.52 1.75 0.00	39.24 0.84 0.00	35.79 1.18 0.00
SPIERFLS_115KV_TB 1 80737	31.30 1.12 0.00	29.84 1.09 0.00	28.20 0.93 0.00	27.91 0.92 0.00	29.46 1.05 0.00	34.09 1.25 0.00	47.20 1.90 0.00	57.37 2.26 0.00	50.41 1.89 0.00	40.87 1.23 0.00	36.51 0.86 0.00	34.84 0.75 0.00	34.10 0.77 0.00	34.03 0.80 0.00	34.64 0.78 0.00	36.11 0.95 0.00	42.30 1.47 0.00	53.17 2.14 0.00	62.55 3.09 0.00	57.53 2.42 0.00	52.41 2.02 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.75 1.14 0.00
ST LAWRENCE____ 23600	29.76 -0.42 0.00	28.40 -0.34 0.00	26.94 -0.33 0.00	26.67 -0.32 0.00	28.07 -0.34 0.00	32.42 -0.43 0.00	44.67 -0.63 0.00	54.34 -0.77 0.00	47.84 -0.68 0.00	39.21 -0.44 0.00	35.23 -0.43 0.00	33.68 -0.41 0.00	33.00 -0.33 0.00	32.80 -0.43 0.00	33.42 -0.44 0.00	34.70 -0.46 0.00	40.38 -0.45 0.00	50.52 -0.51 0.00	58.32 -1.13 0.00	54.45 -0.66 0.00	50.09 -0.30 0.00	43.50 -0.26 0.00	38.32 -0.08 0.00	34.54 -0.07 0.00
STATE_CA_115KV_115_LB 55624	30.69 0.51 0.00	29.23 0.49 0.00	27.70 0.44 0.00	27.42 0.43 0.00	28.89 0.48 0.00	33.40 0.56 0.00	46.16 0.86 0.00	55.99 0.88 0.00	49.25 0.73 0.00	39.92 0.28 0.00	35.84 0.18 0.00	34.23 0.14 0.00	33.53 0.20 0.00	33.47 0.23 0.00	34.10 0.24 0.00	35.51 0.35 0.00	41.44 0.61 0.00	51.90 0.87 0.00	60.88 1.43 0.00	55.99 0.88 0.00	51.10 0.71 0.00	44.33 0.57 0.00	38.81 0.42 0.00	34.96 0.35 0.00

STATE_ST_34_KV_LOAD 55959	30.12 -0.06 0.00	28.66 -0.09 0.00	27.19 -0.08 0.00	26.91 -0.08 0.00	28.30 -0.11 0.00	32.81 -0.03 0.00	45.39 0.09 0.00	55.50 0.39 0.00	48.76 0.24 0.00	40.16 0.52 0.00	36.12 0.46 0.00	34.47 0.38 0.00	33.60 0.27 0.00	33.50 0.27 0.00	34.10 0.24 0.00	35.33 0.18 0.00	40.87 0.04 0.00	51.13 0.10 0.00	59.99 0.54 0.00	55.44 0.33 0.00	50.44 0.05 0.00	43.81 0.04 0.00	38.47 0.08 0.00	34.64 0.03 0.00
STATION 5_MISC_HYD 23604	29.64 -0.54 0.00	28.26 -0.49 0.00	26.78 -0.49 0.00	26.53 -0.46 0.00	28.04 -0.37 0.00	32.42 -0.43 0.00	44.71 -0.59 0.00	54.67 -0.44 0.00	48.52 0.00 0.00	40.43 0.79 0.00	36.62 0.96 0.00	35.04 0.95 0.00	34.17 0.83 0.00	33.96 0.73 0.00	34.50 0.64 0.00	35.61 0.46 0.00	40.55 -0.28 0.00	50.42 -0.61 0.00	59.46 0.00 0.00	54.94 -0.16 0.00	49.69 -0.71 0.00	43.46 -0.30 0.00	38.20 -0.19 0.00	34.64 0.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.15 -0.03 0.00	28.72 -0.03 0.00	27.24 -0.03 0.00	26.94 -0.05 0.00	28.33 -0.09 0.00	33.01 0.16 0.00	45.48 0.18 0.00	55.77 0.66 0.00	49.25 0.73 0.00	40.95 1.31 0.00	37.01 1.36 0.00	35.32 1.23 0.00	34.37 1.03 0.00	34.23 1.00 0.00	34.78 0.91 0.00	35.86 0.70 0.00	41.20 0.37 0.00	51.39 0.36 0.00	60.65 1.19 0.00	55.99 0.88 0.00	50.64 0.25 0.00	44.07 0.31 0.00	38.74 0.35 0.00	34.99 0.38 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.70 -0.48 0.00	28.28 -0.46 0.00	26.83 -0.44 0.00	26.56 -0.43 0.00	27.87 -0.54 0.00	32.48 -0.36 0.00	44.62 -0.68 0.00	54.67 -0.44 0.00	48.42 -0.10 0.00	40.43 0.79 0.00	36.62 0.96 0.00	34.98 0.89 0.00	34.07 0.73 0.00	33.93 0.70 0.00	34.47 0.61 0.00	35.44 0.28 0.00	40.63 -0.20 0.00	50.52 -0.51 0.00	59.63 0.18 0.00	55.11 0.00 0.00	49.79 -0.60 0.00	43.46 -0.31 0.00	38.16 -0.23 0.00	34.61 0.00 0.00
STA_56___34_KV_BUS2 355983	29.70 -0.48 0.00	28.28 -0.46 0.00	26.83 -0.44 0.00	26.56 -0.43 0.00	27.87 -0.54 0.00	32.48 -0.36 0.00	44.62 -0.68 0.00	54.67 -0.44 0.00	48.42 -0.10 0.00	40.43 0.79 0.00	36.62 0.96 0.00	34.98 0.89 0.00	34.07 0.73 0.00	33.93 0.70 0.00	34.47 0.61 0.00	35.44 0.28 0.00	40.63 -0.20 0.00	50.52 -0.51 0.00	59.63 0.18 0.00	55.11 0.00 0.00	49.79 -0.60 0.00	43.46 -0.31 0.00	38.16 -0.23 0.00	34.61 0.00 0.00
STA_67___115KV_BK2 355882	29.61 -0.57 0.00	28.20 -0.55 0.00	26.75 -0.52 0.00	26.45 -0.54 0.00	27.79 -0.63 0.00	32.35 -0.49 0.00	44.44 -0.86 0.00	54.34 -0.77 0.00	48.18 -0.34 0.00	40.27 0.63 0.00	36.48 0.82 0.00	34.84 0.75 0.00	33.93 0.60 0.00	33.83 0.60 0.00	34.37 0.51 0.00	35.33 0.18 0.00	40.42 -0.41 0.00	50.26 -0.77 0.00	59.40 -0.06 0.00	54.83 -0.28 0.00	49.54 -0.86 0.00	43.24 -0.53 0.00	38.05 -0.35 0.00	34.51 -0.10 0.00
STA_7___115KV_9TRANS 80674	29.76 -0.42 0.00	28.34 -0.40 0.00	26.89 -0.38 0.00	26.59 -0.40 0.00	27.93 -0.48 0.00	32.55 -0.30 0.00	44.71 -0.59 0.00	54.78 -0.33 0.00	48.57 0.05 0.00	40.59 0.95 0.00	36.76 1.11 0.00	35.11 1.02 0.00	34.17 0.83 0.00	34.06 0.83 0.00	34.57 0.71 0.00	35.54 0.39 0.00	40.71 -0.12 0.00	50.67 -0.36 0.00	59.87 0.42 0.00	55.27 0.17 0.00	49.94 -0.45 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.71 0.10 0.00
STA_82___115KV_TB1 80780	29.61 -0.57 0.00	28.20 -0.55 0.00	26.75 -0.52 0.00	26.48 -0.51 0.00	27.79 -0.63 0.00	32.39 -0.46 0.00	44.44 -0.86 0.00	54.39 -0.72 0.00	48.18 -0.34 0.00	40.31 0.67 0.00	36.48 0.82 0.00	34.88 0.78 0.00	33.97 0.63 0.00	33.83 0.60 0.00	34.37 0.51 0.00	35.33 0.18 0.00	40.46 -0.37 0.00	50.32 -0.71 0.00	59.40 -0.06 0.00	54.83 -0.28 0.00	49.59 -0.81 0.00	43.28 -0.48 0.00	38.05 -0.35 0.00	34.51 -0.10 0.00
STEEL___WIND 323596	29.28 -0.90 0.00	27.91 -0.83 0.00	26.50 -0.76 0.00	26.29 -0.70 0.00	27.84 -0.57 0.00	32.09 -0.75 0.00	43.98 -1.32 0.00	53.34 -1.77 0.00	46.82 -1.70 0.00	39.96 0.32 0.00	36.51 0.85 0.00	35.04 0.95 0.00	34.23 0.90 0.00	34.13 0.90 0.00	34.54 0.68 0.00	35.37 0.21 0.00	40.10 -0.73 0.00	49.45 -1.58 0.00	58.27 -1.19 0.00	53.90 -1.21 0.00	48.43 -1.97 0.00	42.63 -1.14 0.00	37.70 -0.69 0.00	34.64 0.03 0.00
STEPHTWN_115KV_BK_2 55603	30.90 0.72 0.00	29.43 0.69 0.00	27.87 0.60 0.00	27.59 0.59 0.00	29.07 0.65 0.00	33.67 0.82 0.00	46.52 1.22 0.00	56.49 1.38 0.00	49.68 1.16 0.00	40.20 0.55 0.00	36.05 0.39 0.00	34.40 0.31 0.00	33.70 0.37 0.00	33.63 0.40 0.00	34.27 0.41 0.00	35.72 0.56 0.00	41.69 0.86 0.00	52.36 1.33 0.00	61.42 1.96 0.00	56.49 1.38 0.00	51.50 1.11 0.00	44.68 0.92 0.00	39.08 0.69 0.00	35.23 0.62 0.00
STEUBEN_REC_LFGE 323667	30.09 -0.09 0.00	28.66 -0.09 0.00	27.24 -0.03 0.00	26.94 -0.05 0.00	28.33 -0.09 0.00	33.11 0.26 0.00	45.44 0.14 0.00	55.66 0.55 0.00	48.62 0.10 0.00	40.83 1.19 0.00	36.98 1.32 0.00	35.25 1.16 0.00	34.33 1.00 0.00	34.26 1.03 0.00	34.81 0.95 0.00	35.68 0.53 0.00	41.08 0.24 0.00	51.18 0.15 0.00	60.70 1.25 0.00	56.10 0.99 0.00	50.74 0.35 0.00	44.25 0.48 0.00	39.12 0.73 0.00	35.58 0.97 0.00
STILLWATER___SOLAR 323814	31.39 1.21 0.00	29.92 1.18 0.00	28.30 1.04 0.00	28.02 1.03 0.00	29.52 1.11 0.00	34.19 1.35 0.00	47.20 1.90 0.00	57.42 2.31 0.00	50.41 1.89 0.00	40.87 1.23 0.00	36.62 0.96 0.00	34.98 0.88 0.00	34.27 0.93 0.00	34.16 0.93 0.00	34.81 0.95 0.00	36.21 1.05 0.00	42.38 1.55 0.00	53.17 2.14 0.00	62.49 3.03 0.00	57.48 2.37 0.00	52.41 2.02 0.00	45.47 1.71 0.00	39.77 1.38 0.00	35.85 1.24 0.00
STONY___BROOK 24151	32.69 2.50 -0.01	30.79 2.04 0.00	29.20 1.94 0.00	28.85 1.86 0.00	30.51 2.10 0.00	34.85 2.00 0.00	46.48 1.18 0.00	53.19 0.83 2.75	49.51 1.02 0.03	38.13 0.28 1.79	36.04 0.39 0.02	34.94 0.85 0.00	34.17 0.83 0.00	34.23 1.00 0.00	35.05 1.18 0.00	36.25 1.09 0.00	42.34 1.51 0.00	52.61 1.58 0.00	62.37 2.91 0.00	57.09 1.98 0.00	51.80 1.41 0.00	45.34 1.57 0.00	39.20 0.81 0.00	35.68 1.07 0.00
STURGEON_POOL_HYD 23609	31.33 1.15 0.00	29.72 0.98 0.00	28.25 0.98 0.00	27.94 0.94 0.00	29.43 1.02 0.00	33.93 1.08 0.00	46.75 1.45 0.00	56.87 1.76 0.00	50.02 1.50 0.00	40.43 0.79 0.00	36.48 0.82 0.00	34.88 0.78 0.00	34.17 0.83 0.00	34.10 0.86 0.00	34.81 0.95 0.00	36.21 1.05 0.00	42.10 1.27 0.00	52.61 1.58 0.00	61.95 2.50 0.00	56.98 1.87 0.00	51.95 1.56 0.00	44.99 1.23 0.00	39.31 0.92 0.00	35.37 0.76 0.00
ST_LAW_115_BK7_LBMP 345037	29.76 -0.42 0.00	28.40 -0.34 0.00	26.94 -0.33 0.00	26.67 -0.32 0.00	28.07 -0.34 0.00	32.42 -0.43 0.00	44.67 -0.63 0.00	54.34 -0.77 0.00	47.84 -0.68 0.00	39.21 -0.44 0.00	35.23 -0.43 0.00	33.68 -0.41 0.00	33.00 -0.33 0.00	32.80 -0.43 0.00	33.42 -0.44 0.00	34.67 -0.49 0.00	40.38 -0.45 0.00	50.52 -0.51 0.00	58.32 -1.13 0.00	54.45 -0.66 0.00	50.09 -0.30 0.00	43.46 -0.30 0.00	38.32 -0.08 0.00	34.54 -0.07 0.00

ST_LAW_115_BK8_LBMP 345038	29.76 -0.42 0.00	28.40 -0.34 0.00	26.94 -0.33 0.00	26.67 -0.32 0.00	28.07 -0.34 0.00	32.42 -0.43 0.00	44.67 -0.63 0.00	54.34 -0.77 0.00	47.84 -0.68 0.00	39.21 -0.44 0.00	35.23 -0.43 0.00	33.68 -0.41 0.00	33.00 -0.33 0.00	32.80 -0.43 0.00	33.42 -0.44 0.00	34.67 -0.49 0.00	40.38 -0.45 0.00	50.52 -0.51 0.00	58.32 -1.13 0.00	54.45 -0.66 0.00	50.09 -0.30 0.00	43.46 -0.30 0.00	38.32 -0.08 0.00	34.54 -0.07 0.00
ST_LAW_230_BK5_LBMP 345035	29.76 -0.42 0.00	28.40 -0.34 0.00	26.94 -0.33 0.00	26.67 -0.32 0.00	28.07 -0.34 0.00	32.42 -0.43 0.00	44.67 -0.63 0.00	54.34 -0.77 0.00	47.84 -0.68 0.00	39.21 -0.44 0.00	35.23 -0.43 0.00	33.68 -0.41 0.00	33.00 -0.33 0.00	32.80 -0.43 0.00	33.42 -0.44 0.00	34.70 -0.46 0.00	40.38 -0.45 0.00	50.52 -0.51 0.00	58.32 -1.13 0.00	54.45 -0.66 0.00	50.09 -0.30 0.00	43.50 -0.26 0.00	38.32 -0.08 0.00	34.54 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	29.76 -0.42 0.00	28.40 -0.34 0.00	26.94 -0.33 0.00	26.67 -0.32 0.00	28.07 -0.34 0.00	32.42 -0.43 0.00	44.67 -0.63 0.00	54.34 -0.77 0.00	47.84 -0.68 0.00	39.21 -0.44 0.00	35.23 -0.43 0.00	33.68 -0.41 0.00	33.00 -0.33 0.00	32.80 -0.43 0.00	33.42 -0.44 0.00	34.70 -0.46 0.00	40.38 -0.45 0.00	50.52 -0.51 0.00	58.32 -1.13 0.00	54.45 -0.66 0.00	50.09 -0.30 0.00	43.50 -0.26 0.00	38.32 -0.08 0.00	34.54 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.24 1.06 0.00	29.66 0.92 0.00	28.17 0.90 0.00	27.88 0.89 0.00	29.35 0.94 0.00	33.90 1.05 0.00	46.66 1.36 0.00	56.71 1.60 0.00	49.83 1.31 0.00	40.39 0.75 0.00	36.41 0.75 0.00	34.81 0.72 0.00	34.10 0.77 0.00	34.03 0.80 0.00	34.71 0.85 0.00	36.11 0.95 0.00	41.98 1.14 0.00	52.51 1.48 0.00	61.83 2.38 0.00	56.87 1.76 0.00	51.80 1.41 0.00	44.86 1.09 0.00	39.20 0.81 0.00	35.30 0.69 0.00
SWANROAD_115KV_TB1 355699	28.25 -1.93 0.00	26.93 -1.81 0.00	25.58 -1.69 0.00	25.32 -1.67 0.00	26.48 -1.93 0.00	30.91 -1.94 0.00	41.90 -3.40 0.00	50.87 -4.24 0.00	44.49 -4.03 0.00	38.25 -1.39 0.00	34.98 -0.68 0.00	33.51 -0.58 0.00	32.67 -0.67 0.00	32.67 -0.56 0.00	33.08 -0.78 0.00	33.58 -1.58 0.00	38.42 -2.41 0.00	47.30 -3.73 0.00	56.01 -3.45 0.00	51.69 -3.42 0.00	46.51 -3.88 0.00	40.92 -2.84 0.00	36.24 -2.15 0.00	33.33 -1.28 0.00
SYNERGY___BIOGAS 323694	29.49 -0.69 0.00	28.08 -0.66 0.00	26.67 -0.60 0.00	26.40 -0.59 0.00	27.99 -0.43 0.00	32.35 -0.49 0.00	44.35 -0.95 0.00	54.23 -0.88 0.00	47.69 -0.83 0.00	40.24 0.60 0.00	36.62 0.96 0.00	35.04 0.95 0.00	34.17 0.83 0.00	34.03 0.80 0.00	34.50 0.64 0.00	35.41 0.25 0.00	40.22 -0.61 0.00	49.86 -1.17 0.00	59.04 -0.41 0.00	54.61 -0.50 0.00	49.08 -1.31 0.00	43.15 -0.61 0.00	37.97 -0.42 0.00	34.82 0.21 0.00
SYRACUSE___ENERGY_ST1 323597	29.97 -0.21 0.00	28.54 -0.20 0.00	27.05 -0.22 0.00	26.78 -0.22 0.00	28.18 -0.23 0.00	32.65 -0.20 0.00	45.12 -0.18 0.00	55.11 0.00 0.00	48.47 -0.05 0.00	39.84 0.20 0.00	35.87 0.21 0.00	34.26 0.17 0.00	33.43 0.10 0.00	33.33 0.10 0.00	33.90 0.03 0.00	35.12 -0.04 0.00	40.67 -0.16 0.00	50.83 -0.20 0.00	59.58 0.12 0.00	55.11 0.00 0.00	50.19 -0.20 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.47 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	29.97 -0.21 0.00	28.54 -0.20 0.00	27.05 -0.22 0.00	26.78 -0.22 0.00	28.18 -0.23 0.00	32.65 -0.20 0.00	45.12 -0.18 0.00	55.11 0.00 0.00	48.47 -0.05 0.00	39.84 0.20 0.00	35.87 0.21 0.00	34.26 0.17 0.00	33.43 0.10 0.00	33.33 0.10 0.00	33.90 0.03 0.00	35.12 -0.04 0.00	40.67 -0.16 0.00	50.83 -0.20 0.00	59.58 0.12 0.00	55.11 0.00 0.00	50.19 -0.20 0.00	43.59 -0.18 0.00	38.28 -0.12 0.00	34.47 -0.14 0.00
SYRACUSE___POWER 24017	29.94 -0.24 0.00	28.51 -0.23 0.00	27.02 -0.25 0.00	26.75 -0.24 0.00	28.16 -0.26 0.00	32.65 -0.20 0.00	45.12 -0.18 0.00	55.05 -0.06 0.00	48.47 -0.05 0.00	39.84 0.20 0.00	35.84 0.18 0.00	34.23 0.14 0.00	33.40 0.07 0.00	33.30 0.07 0.00	33.90 0.03 0.00	35.12 -0.04 0.00	40.67 -0.16 0.00	50.83 -0.20 0.00	59.63 0.18 0.00	55.11 0.00 0.00	50.19 -0.20 0.00	43.59 -0.18 0.00	38.24 -0.15 0.00	34.44 -0.17 0.00
TALLMAN___138KV_BK151 55660	31.39 1.21 0.00	29.78 1.03 0.00	28.28 1.01 0.00	27.99 1.00 0.00	29.46 1.05 0.00	34.03 1.18 0.00	46.79 1.49 0.00	56.87 1.76 0.00	49.93 1.41 0.00	40.51 0.87 0.00	36.55 0.89 0.00	34.94 0.85 0.00	34.20 0.87 0.00	34.16 0.93 0.00	34.85 0.98 0.00	36.25 1.09 0.00	42.10 1.27 0.00	52.66 1.63 0.00	62.01 2.56 0.00	56.98 1.87 0.00	51.90 1.51 0.00	44.95 1.18 0.00	39.24 0.84 0.00	35.37 0.76 0.00
TEALLAVE_115KV_TB7 355573	29.85 -0.33 0.00	28.43 -0.32 0.00	26.94 -0.33 0.00	26.67 -0.32 0.00	28.07 -0.34 0.00	32.55 -0.30 0.00	44.98 -0.32 0.00	54.89 -0.22 0.00	48.32 -0.19 0.00	39.72 0.08 0.00	35.77 0.11 0.00	34.16 0.07 0.00	33.33 0.00 0.00	33.23 0.00 0.00	33.83 -0.03 0.00	35.02 -0.14 0.00	40.55 -0.29 0.00	50.67 -0.36 0.00	59.40 -0.06 0.00	54.89 -0.22 0.00	49.99 -0.40 0.00	43.41 -0.35 0.00	38.09 -0.31 0.00	34.33 -0.28 0.00
TELGRAPH_34_KV_EAST 80808	29.03 -1.15 0.00	27.68 -1.06 0.00	26.26 -1.01 0.00	25.99 -1.00 0.00	27.22 -1.19 0.00	31.83 -1.02 0.00	43.22 -2.08 0.00	52.68 -2.42 0.00	46.19 -2.33 0.00	39.44 -0.20 0.00	35.94 0.29 0.00	34.40 0.31 0.00	33.47 0.13 0.00	33.47 0.23 0.00	33.93 0.07 0.00	34.52 -0.63 0.00	39.48 -1.35 0.00	48.78 -2.25 0.00	57.91 -1.55 0.00	53.40 -1.71 0.00	48.02 -2.37 0.00	42.14 -1.62 0.00	37.24 -1.15 0.00	34.19 -0.42 0.00
TEMPLE___115KV_TB 2 55572	29.88 -0.30 0.00	28.43 -0.32 0.00	26.97 -0.30 0.00	26.70 -0.30 0.00	28.07 -0.34 0.00	32.55 -0.30 0.00	44.98 -0.32 0.00	54.89 -0.22 0.00	48.37 -0.15 0.00	39.76 0.12 0.00	35.77 0.11 0.00	34.19 0.10 0.00	33.37 0.03 0.00	33.27 0.03 0.00	33.86 0.00 0.00	35.05 -0.11 0.00	40.59 -0.24 0.00	50.67 -0.36 0.00	59.46 0.00 0.00	54.94 -0.17 0.00	49.99 -0.40 0.00	43.46 -0.31 0.00	38.12 -0.27 0.00	34.33 -0.28 0.00
TIANA____69_KV_BK 1 55817	32.66 2.47 0.00	30.79 2.04 0.00	29.18 1.91 0.00	28.86 1.86 0.00	30.49 2.07 0.00	34.88 2.04 0.00	46.79 1.49 0.00	53.70 1.38 2.79	49.76 1.26 0.02	38.18 0.36 1.81	36.36 0.71 0.01	35.25 1.16 0.00	34.57 1.23 0.00	34.76 1.53 0.00	35.39 1.52 0.00	36.46 1.30 0.00	42.59 1.76 0.00	53.22 2.19 0.00	63.32 3.86 0.00	57.70 2.59 0.00	52.36 1.97 0.00	45.65 1.88 0.00	39.51 1.11 0.00	36.06 1.45 0.00
TILDEN___115KV_TB1 80814	29.94 -0.24 0.00	28.51 -0.23 0.00	27.02 -0.25 0.00	26.75 -0.24 0.00	28.16 -0.26 0.00	32.65 -0.20 0.00	45.12 -0.18 0.00	55.05 -0.06 0.00	48.47 -0.05 0.00	39.84 0.20 0.00	35.84 0.18 0.00	34.23 0.14 0.00	33.40 0.07 0.00	33.30 0.07 0.00	33.90 0.03 0.00	35.12 -0.04 0.00	40.67 -0.16 0.00	50.83 -0.20 0.00	59.63 0.18 0.00	55.11 0.00 0.00	50.19 -0.20 0.00	43.59 -0.18 0.00	38.24 -0.15 0.00	34.44 -0.17 0.00

TRIGEN___CC 323695	32.08 1.90 0.00	30.30 1.55 0.00	28.77 1.50 0.00	28.45 1.46 0.00	30.00 1.59 0.00	34.49 1.64 0.00	46.98 1.68 0.00	56.24 1.87 0.74	50.21 1.70 0.01	40.07 0.91 0.48	36.69 1.03 0.00	35.32 1.23 0.00	34.63 1.30 0.00	34.66 1.43 0.00	35.29 1.42 0.00	36.53 1.37 0.00	42.42 1.59 0.00	52.97 1.94 0.00	62.67 3.21 0.00	57.37 2.26 0.00	52.21 1.81 0.00	45.30 1.53 0.00	39.47 1.07 0.00	35.72 1.11 0.00
TRINITY___115KV___4 BK 55933	30.63 0.45 0.00	29.15 0.40 0.00	27.62 0.35 0.00	27.34 0.35 0.00	28.81 0.40 0.00	33.31 0.46 0.00	46.02 0.72 0.00	55.83 0.72 0.00	49.10 0.58 0.00	39.76 0.12 0.00	35.69 0.04 0.00	34.13 0.03 0.00	33.43 0.10 0.00	33.37 0.13 0.00	34.00 0.14 0.00	35.40 0.25 0.00	41.28 0.45 0.00	51.69 0.66 0.00	60.65 1.19 0.00	55.77 0.66 0.00	50.95 0.55 0.00	44.16 0.39 0.00	38.66 0.27 0.00	34.85 0.24 0.00
UNION___PROCESSING_DRP 323587	29.61 -0.57 0.00	28.23 -0.52 0.00	26.75 -0.52 0.00	26.48 -0.51 0.00	27.79 -0.63 0.00	32.39 -0.46 0.00	44.44 -0.86 0.00	54.39 -0.72 0.00	48.23 -0.29 0.00	40.31 0.67 0.00	36.48 0.82 0.00	34.88 0.78 0.00	33.97 0.63 0.00	33.87 0.63 0.00	34.37 0.51 0.00	35.33 0.18 0.00	40.46 -0.37 0.00	50.32 -0.71 0.00	59.40 -0.06 0.00	54.89 -0.22 0.00	49.59 -0.81 0.00	43.28 -0.48 0.00	38.05 -0.35 0.00	34.54 -0.07 0.00
UPPER HUDSON___HYD 24058	31.30 1.12 0.00	29.84 1.09 0.00	28.20 0.93 0.00	27.91 0.92 0.00	29.43 1.02 0.00	34.09 1.25 0.00	47.16 1.86 0.00	57.42 2.31 0.00	50.41 1.89 0.00	40.83 1.19 0.00	36.51 0.85 0.00	34.84 0.75 0.00	34.13 0.80 0.00	34.03 0.80 0.00	34.64 0.78 0.00	36.07 0.91 0.00	42.30 1.47 0.00	53.22 2.19 0.00	62.55 3.09 0.00	57.53 2.42 0.00	52.41 2.02 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.75 1.14 0.00
UPPER RAQUET___HYD 24056	29.76 -0.42 0.00	28.46 -0.29 0.00	26.97 -0.30 0.00	26.75 -0.24 0.00	28.16 -0.26 0.00	32.12 -0.72 0.00	43.76 -1.54 0.00	52.47 -2.64 0.00	45.99 -2.53 0.00	38.57 -1.07 0.00	34.09 -1.57 0.00	32.52 -1.57 0.00	31.63 -1.70 0.00	31.54 -1.69 0.00	32.31 -1.56 0.00	33.54 -1.62 0.00	39.28 -1.55 0.00	49.96 -1.07 0.00	57.08 -2.38 0.00	53.34 -1.77 0.00	49.43 -0.96 0.00	44.20 0.44 0.00	39.47 1.07 0.00	35.27 0.66 0.00
VALLEY44_115KV_TB2 355964	29.52 -0.66 0.00	28.14 -0.60 0.00	26.75 -0.52 0.00	26.51 -0.49 0.00	27.82 -0.60 0.00	32.45 -0.39 0.00	44.21 -1.09 0.00	53.62 -1.49 0.00	46.92 -1.60 0.00	40.20 0.55 0.00	36.44 0.78 0.00	34.81 0.72 0.00	33.93 0.60 0.00	33.96 0.73 0.00	34.37 0.51 0.00	35.05 -0.11 0.00	40.18 -0.65 0.00	49.81 -1.22 0.00	58.86 -0.59 0.00	54.39 -0.72 0.00	48.83 -1.56 0.00	42.67 -1.09 0.00	37.70 -0.69 0.00	34.61 0.00 0.00
VALLEY___115KV_TB 1-4 80826	30.27 0.09 0.00	28.83 0.09 0.00	27.32 0.05 0.00	27.07 0.08 0.00	28.50 0.09 0.00	32.98 0.13 0.00	45.48 0.18 0.00	55.44 0.33 0.00	48.81 0.29 0.00	39.88 0.24 0.00	35.77 0.11 0.00	34.23 0.14 0.00	33.43 0.10 0.00	33.33 0.10 0.00	33.90 0.03 0.00	35.23 0.07 0.00	40.95 0.12 0.00	51.29 0.26 0.00	60.05 0.59 0.00	55.61 0.50 0.00	50.85 0.45 0.00	44.16 0.39 0.00	38.78 0.38 0.00	34.96 0.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.60 1.42 0.00	30.12 1.38 0.00	28.55 1.28 0.00	28.32 1.32 0.00	29.78 1.36 0.00	34.42 1.58 0.00	47.52 2.22 0.00	57.98 2.87 0.00	51.04 2.52 0.00	41.82 2.18 0.00	37.44 1.78 0.00	35.80 1.70 0.00	34.83 1.50 0.00	34.80 1.56 0.00	35.42 1.56 0.00	36.77 1.62 0.00	42.67 1.84 0.00	53.53 2.50 0.00	62.90 3.45 0.00	58.14 3.03 0.00	52.91 2.52 0.00	45.82 2.06 0.00	40.08 1.69 0.00	36.06 1.45 0.00
VISCHER___FERRY HYD 24020	31.12 0.94 0.00	29.61 0.86 0.00	28.06 0.79 0.00	27.78 0.78 0.00	29.24 0.82 0.00	33.83 0.98 0.00	46.71 1.41 0.00	56.76 1.65 0.00	49.88 1.36 0.00	40.39 0.75 0.00	36.26 0.61 0.00	34.67 0.58 0.00	33.93 0.60 0.00	33.90 0.66 0.00	34.54 0.68 0.00	35.93 0.77 0.00	41.97 1.14 0.00	52.61 1.58 0.00	61.66 2.20 0.00	56.71 1.60 0.00	51.75 1.36 0.00	44.90 1.14 0.00	39.31 0.92 0.00	35.44 0.83 0.00
V_A_10_SYNC_DSASP 323832	28.85 -1.33 0.00	27.51 -1.24 0.00	26.12 -1.14 0.00	25.86 -1.13 0.00	27.39 -1.02 0.00	31.56 -1.28 0.00	43.26 -2.04 0.00	52.58 -2.53 0.00	45.99 -2.53 0.00	39.00 -0.64 0.00	35.59 -0.07 0.00	34.16 0.07 0.00	33.37 0.03 0.00	33.20 -0.03 0.00	33.66 -0.20 0.00	34.56 -0.60 0.00	39.36 -1.47 0.00	48.73 -2.30 0.00	57.43 -2.02 0.00	53.13 -1.98 0.00	47.92 -2.47 0.00	42.15 -1.62 0.00	37.16 -1.23 0.00	33.95 -0.66 0.00
V_CMM_10_SYNC_DSASP 323787	29.88 -0.30 0.00	28.51 -0.23 0.00	27.05 -0.22 0.00	26.78 -0.22 0.00	28.18 -0.23 0.00	32.55 -0.30 0.00	44.85 -0.45 0.00	54.61 -0.50 0.00	48.08 -0.44 0.00	39.40 -0.24 0.00	35.41 -0.25 0.00	33.85 -0.24 0.00	33.17 -0.17 0.00	32.97 -0.27 0.00	33.59 -0.27 0.00	34.84 -0.32 0.00	40.59 -0.24 0.00	50.78 -0.25 0.00	58.57 -0.89 0.00	54.73 -0.38 0.00	50.34 -0.05 0.00	43.68 -0.09 0.00	38.51 0.12 0.00	34.71 0.10 0.00
V_CMP_10_SYNC_DSASP 323788	29.03 -1.15 0.00	27.82 -0.92 0.00	26.39 -0.87 0.00	26.02 -0.97 0.00	27.39 -1.02 0.00	31.53 -1.31 0.00	43.22 -2.08 0.00	52.85 -2.26 0.00	46.53 -1.99 0.00	38.85 -0.79 0.00	34.95 -0.71 0.00	33.51 -0.58 0.00	33.03 -0.30 0.00	32.74 -0.50 0.00	33.36 -0.51 0.00	34.56 -0.60 0.00	40.50 -0.33 0.00	50.47 -0.56 0.00	58.32 -1.13 0.00	54.61 -0.50 0.00	50.44 0.05 0.00	43.68 -0.09 0.00	39.20 0.81 0.00	35.30 0.69 0.00
V_D_10_SYNC_DSASP 323841	30.00 -0.18 0.00	28.66 -0.09 0.00	27.19 -0.08 0.00	26.91 -0.08 0.00	28.33 -0.08 0.00	32.68 -0.16 0.00	45.07 -0.23 0.00	54.89 -0.22 0.00	48.33 -0.19 0.00	39.60 -0.04 0.00	35.55 -0.11 0.00	33.99 -0.10 0.00	33.30 -0.03 0.00	33.13 -0.10 0.00	33.76 -0.10 0.00	34.98 -0.17 0.00	40.79 -0.04 0.00	51.03 0.00 0.00	58.86 -0.59 0.00	54.94 -0.16 0.00	50.59 0.20 0.00	43.90 0.13 0.00	38.70 0.31 0.00	34.85 0.24 0.00
V_E_10_SYNC_DSASP 323830	32.41 2.23 0.00	30.90 2.16 0.00	29.29 2.02 0.00	29.10 2.11 0.00	30.63 2.22 0.00	35.54 2.69 0.00	49.46 4.16 0.00	60.73 5.62 0.00	53.18 4.66 0.00	43.69 4.05 0.00	38.87 3.21 0.00	37.09 3.00 0.00	35.87 2.53 0.00	35.83 2.59 0.00	36.44 2.57 0.00	37.83 2.67 0.00	43.90 3.06 0.00	55.67 4.64 0.00	66.00 6.54 0.00	61.12 6.01 0.00	55.33 4.94 0.00	47.79 4.02 0.00	41.81 3.42 0.00	37.52 2.91 0.00
V_F_30_NSYNC___DSASP 323816	31.42 1.24 0.00	29.95 1.21 0.00	28.36 1.09 0.00	28.07 1.08 0.00	29.58 1.17 0.00	34.22 1.38 0.00	47.25 1.95 0.00	57.48 2.37 0.00	50.46 1.94 0.00	40.95 1.31 0.00	36.66 1.00 0.00	35.01 0.92 0.00	34.30 0.97 0.00	34.23 1.00 0.00	34.85 0.98 0.00	36.28 1.12 0.00	42.42 1.59 0.00	53.27 2.24 0.00	62.55 3.09 0.00	57.53 2.42 0.00	52.46 2.07 0.00	45.52 1.75 0.00	39.81 1.42 0.00	35.89 1.28 0.00

V_F_30_SYNC_DSASP 323786	30.69 0.51 0.00	29.23 0.49 0.00	27.70 0.44 0.00	27.42 0.43 0.00	28.89 0.48 0.00	33.40 0.56 0.00	46.16 0.86 0.00	55.99 0.88 0.00	49.25 0.73 0.00	39.92 0.28 0.00	35.80 0.14 0.00	34.23 0.14 0.00	33.53 0.20 0.00	33.47 0.23 0.00	34.10 0.24 0.00	35.51 0.35 0.00	41.44 0.61 0.00	51.90 0.87 0.00	60.88 1.43 0.00	55.99 0.88 0.00	51.10 0.71 0.00	44.33 0.57 0.00	38.81 0.42 0.00	34.96 0.35 0.00
V_XM_10_SYNC_DSASP 323789	29.03 -1.15 0.00	27.82 -0.92 0.00	26.39 -0.87 0.00	26.02 -0.97 0.00	27.39 -1.02 0.00	31.53 -1.31 0.00	43.22 -2.08 0.00	52.85 -2.26 0.00	46.53 -1.99 0.00	38.85 -0.79 0.00	34.95 -0.71 0.00	33.51 -0.58 0.00	33.03 -0.30 0.00	32.74 -0.50 0.00	33.36 -0.51 0.00	34.56 -0.60 0.00	40.50 -0.33 0.00	50.47 -0.56 0.00	58.32 -1.13 0.00	54.61 -0.50 0.00	50.44 0.05 0.00	43.68 -0.09 0.00	39.20 0.81 0.00	35.30 0.69 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.45 1.27 0.00	29.84 1.09 0.00	28.33 1.06 0.00	28.05 1.05 0.00	29.52 1.11 0.00	34.09 1.25 0.00	46.93 1.63 0.00	56.98 1.87 0.00	50.02 1.50 0.00	40.55 0.91 0.00	36.59 0.93 0.00	34.98 0.89 0.00	34.27 0.93 0.00	34.20 0.96 0.00	34.91 1.05 0.00	36.32 1.16 0.00	42.18 1.35 0.00	52.77 1.74 0.00	62.13 2.68 0.00	57.15 2.04 0.00	52.00 1.61 0.00	45.03 1.27 0.00	39.31 0.92 0.00	35.44 0.83 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.84 1.66 0.00	30.15 1.41 0.00	28.63 1.36 0.00	28.34 1.35 0.00	29.83 1.42 0.00	34.42 1.58 0.00	47.38 2.08 0.00	57.64 2.54 0.00	50.75 2.23 0.00	41.15 1.51 0.00	37.23 1.57 0.00	35.66 1.57 0.00	34.93 1.60 0.00	34.90 1.66 0.00	35.59 1.73 0.00	37.02 1.86 0.00	42.96 2.12 0.00	53.53 2.50 0.00	63.08 3.63 0.00	57.87 2.76 0.00	52.71 2.32 0.00	45.65 1.88 0.00	39.85 1.46 0.00	35.89 1.28 0.00
W50THST__13_KV_LOAD 356117	31.96 1.78 0.00	30.27 1.52 0.00	28.74 1.47 0.00	28.42 1.43 0.00	29.95 1.53 0.00	34.55 1.71 0.00	47.61 2.31 0.00	57.87 2.76 0.00	51.04 2.52 0.00	41.38 1.74 0.00	37.48 1.82 0.00	35.90 1.81 0.00	35.17 1.83 0.00	35.13 1.89 0.00	35.83 1.96 0.00	37.27 2.11 0.00	43.24 2.41 0.00	53.79 2.76 0.00	63.38 3.92 0.00	58.14 3.03 0.00	52.91 2.52 0.00	45.82 2.06 0.00	40.04 1.65 0.00	36.03 1.42 0.00
WADING RIVER_IC_1 23522	32.60 2.42 -0.01	30.73 1.98 0.00	29.12 1.86 0.00	28.77 1.78 0.00	30.43 2.02 0.00	34.78 1.94 0.00	46.48 1.18 0.00	53.47 1.16 2.80	49.46 0.97 0.03	38.06 0.24 1.82	36.11 0.46 0.02	34.91 0.82 0.00	34.13 0.80 0.00	34.20 0.96 0.00	35.05 1.18 0.00	36.25 1.09 0.00	42.38 1.55 0.00	52.92 1.89 0.00	62.78 3.33 0.00	57.42 2.31 0.00	52.11 1.71 0.00	45.43 1.66 0.00	39.24 0.84 0.00	35.75 1.14 0.00
WADING RIVER_IC_2 23547	32.60 2.42 -0.01	30.73 1.98 0.00	29.12 1.86 0.00	28.77 1.78 0.00	30.43 2.02 0.00	34.78 1.94 0.00	46.48 1.18 0.00	53.47 1.16 2.80	49.46 0.97 0.03	38.06 0.24 1.82	36.11 0.46 0.02	34.91 0.82 0.00	34.13 0.80 0.00	34.20 0.96 0.00	35.05 1.18 0.00	36.25 1.09 0.00	42.38 1.55 0.00	52.92 1.89 0.00	62.78 3.33 0.00	57.42 2.31 0.00	52.11 1.71 0.00	45.43 1.66 0.00	39.24 0.84 0.00	35.75 1.14 0.00
WADING RIVER_IC_3 23601	32.60 2.42 -0.01	30.73 1.98 0.00	29.12 1.86 0.00	28.77 1.78 0.00	30.43 2.02 0.00	34.78 1.94 0.00	46.48 1.18 0.00	53.47 1.16 2.80	49.46 0.97 0.03	38.06 0.24 1.82	36.11 0.46 0.02	34.91 0.82 0.00	34.13 0.80 0.00	34.20 0.96 0.00	35.05 1.18 0.00	36.25 1.09 0.00	42.38 1.55 0.00	52.92 1.89 0.00	62.78 3.33 0.00	57.42 2.31 0.00	52.11 1.71 0.00	45.43 1.66 0.00	39.24 0.84 0.00	35.75 1.14 0.00
WALDENNY_12_KV_BK2 80841	29.24 -0.94 0.00	27.88 -0.86 0.00	26.48 -0.79 0.00	26.24 -0.76 0.00	27.45 -0.97 0.00	32.06 -0.79 0.00	43.67 -1.63 0.00	53.13 -1.98 0.00	46.48 -2.04 0.00	39.96 0.32 0.00	36.48 0.82 0.00	34.94 0.85 0.00	34.03 0.70 0.00	34.10 0.86 0.00	34.51 0.64 0.00	35.02 -0.14 0.00	40.10 -0.73 0.00	49.40 -1.63 0.00	58.39 -1.07 0.00	53.84 -1.27 0.00	48.38 -2.02 0.00	42.45 -1.31 0.00	37.59 -0.81 0.00	34.47 -0.14 0.00
WALDEN__HYDRO 24148	31.36 1.18 0.00	29.75 1.01 0.00	28.28 1.01 0.00	27.96 0.97 0.00	29.46 1.05 0.00	34.03 1.18 0.00	46.89 1.59 0.00	57.04 1.93 0.00	50.12 1.60 0.00	40.55 0.91 0.00	36.55 0.89 0.00	34.91 0.82 0.00	34.20 0.87 0.00	34.13 0.90 0.00	34.85 0.98 0.00	36.21 1.05 0.00	42.18 1.35 0.00	52.82 1.79 0.00	62.19 2.73 0.00	57.20 2.09 0.00	52.11 1.71 0.00	45.12 1.36 0.00	39.39 1.00 0.00	35.47 0.87 0.00
WARRENSBURG____ 23737	31.30 1.12 0.00	29.84 1.09 0.00	28.20 0.93 0.00	27.91 0.92 0.00	29.43 1.02 0.00	34.09 1.25 0.00	47.16 1.86 0.00	57.42 2.31 0.00	50.41 1.89 0.00	40.83 1.19 0.00	36.51 0.85 0.00	34.84 0.75 0.00	34.13 0.80 0.00	34.03 0.80 0.00	34.64 0.78 0.00	36.07 0.91 0.00	42.30 1.47 0.00	53.22 2.19 0.00	62.55 3.09 0.00	57.53 2.42 0.00	52.41 2.02 0.00	45.43 1.66 0.00	39.66 1.27 0.00	35.75 1.14 0.00
WATERSIDE____6 8 9 23538	32.03 1.84 -0.01	30.33 1.58 -0.01	28.80 1.53 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.56 2.26 0.00	57.87 2.76 0.00	51.00 2.47 -0.01	41.35 1.70 -0.01	43.86 1.71 -6.48	44.56 1.74 -8.73	44.59 1.77 -9.49	44.59 1.83 -9.53	45.23 1.90 -9.47	45.23 2.04 -8.03	45.20 2.29 -2.08	53.79 2.76 0.00	63.38 3.92 0.00	58.14 3.03 0.00	52.91 2.52 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.11 1.49 -0.01
WATKINRD_115KV_LN8_ILLION 55919	30.33 0.15 0.00	28.89 0.14 0.00	27.40 0.14 0.00	27.13 0.13 0.00	28.55 0.14 0.00	33.01 0.16 0.00	45.57 0.27 0.00	55.50 0.39 0.00	48.86 0.34 0.00	39.88 0.24 0.00	35.80 0.14 0.00	34.23 0.14 0.00	33.47 0.13 0.00	33.37 0.13 0.00	34.00 0.14 0.00	35.30 0.14 0.00	41.04 0.20 0.00	51.34 0.31 0.00	60.05 0.59 0.00	55.61 0.50 0.00	50.79 0.40 0.00	44.07 0.31 0.00	38.66 0.27 0.00	34.85 0.24 0.00
WATSON____69_KV_BK 1 55734	32.81 2.63 0.00	30.93 2.18 0.00	29.31 2.05 0.00	28.99 2.00 0.00	30.63 2.22 0.00	35.05 2.20 0.00	47.02 1.72 0.00	54.15 1.71 2.67	50.10 1.60 0.02	38.61 0.71 1.74	36.58 0.93 0.01	35.42 1.33 0.00	34.73 1.40 0.00	34.90 1.66 0.00	35.49 1.63 0.00	36.56 1.41 0.00	42.67 1.84 0.00	53.22 2.19 0.00	63.26 3.81 0.00	57.81 2.70 0.00	52.46 2.07 0.00	45.73 1.97 0.00	39.58 1.19 0.00	36.10 1.49 0.00
WDELAWARE__HYD 323627	31.54 1.36 0.00	29.90 1.15 0.00	28.41 1.15 0.00	28.13 1.13 0.00	29.60 1.19 0.00	34.22 1.38 0.00	47.20 1.90 0.00	57.53 2.42 0.00	50.46 1.94 0.00	40.83 1.19 0.00	36.73 1.07 0.00	35.01 0.92 0.00	34.27 0.93 0.00	34.16 0.93 0.00	34.95 1.08 0.00	36.32 1.16 0.00	42.42 1.59 0.00	53.22 2.19 0.00	62.66 3.21 0.00	57.75 2.65 0.00	52.61 2.21 0.00	45.52 1.75 0.00	39.74 1.34 0.00	35.72 1.11 0.00

WEST BABYLON___IC 23714	32.72 2.54 0.00	30.84 2.10 0.00	29.26 1.99 0.00	28.91 1.92 0.00	30.54 2.13 0.00	34.95 2.10 0.00	46.93 1.63 0.00	54.20 1.54 2.45	49.96 1.46 0.02	38.68 0.63 1.60	36.51 0.86 0.01	35.32 1.23 0.00	34.67 1.33 0.00	34.83 1.60 0.00	35.39 1.52 0.00	36.49 1.34 0.00	42.51 1.67 0.00	53.02 1.99 0.00	62.96 3.51 0.00	57.53 2.42 0.00	52.26 1.86 0.00	45.51 1.75 0.00	39.47 1.07 0.00	35.99 1.38 0.00
WEST CANADA___HYD 24049	30.27 0.09 0.00	28.83 0.09 0.00	27.35 0.08 0.00	27.07 0.08 0.00	28.50 0.09 0.00	32.94 0.10 0.00	45.44 0.14 0.00	55.28 0.17 0.00	48.66 0.15 0.00	39.72 0.08 0.00	35.69 0.04 0.00	34.13 0.03 0.00	33.37 0.03 0.00	33.30 0.07 0.00	33.93 0.07 0.00	35.23 0.07 0.00	40.91 0.08 0.00	51.13 0.10 0.00	59.75 0.30 0.00	55.28 0.17 0.00	50.49 0.10 0.00	43.85 0.09 0.00	38.43 0.04 0.00	34.64 0.03 0.00
WESTERN_NY_WIND 24143	29.43 -0.75 0.00	28.05 -0.69 0.00	26.61 -0.65 0.00	26.35 -0.65 0.00	27.62 -0.80 0.00	32.29 -0.56 0.00	43.99 -1.31 0.00	53.90 -1.21 0.00	47.26 -1.26 0.00	40.16 0.52 0.00	36.48 0.82 0.00	34.88 0.78 0.00	33.93 0.60 0.00	33.90 0.66 0.00	34.37 0.51 0.00	35.02 -0.14 0.00	40.14 -0.69 0.00	49.70 -1.33 0.00	59.04 -0.42 0.00	54.50 -0.61 0.00	48.98 -1.41 0.00	42.93 -0.83 0.00	37.82 -0.58 0.00	34.64 0.03 0.00
WESTOVER___LESR 323668	30.33 0.15 0.00	28.89 0.14 0.00	27.40 0.14 0.00	27.15 0.16 0.00	28.55 0.14 0.00	33.11 0.26 0.00	45.62 0.32 0.00	55.55 0.44 0.00	48.81 0.29 0.00	40.35 0.71 0.00	36.30 0.64 0.00	34.67 0.58 0.00	33.87 0.53 0.00	33.77 0.53 0.00	34.37 0.51 0.00	35.54 0.39 0.00	41.12 0.29 0.00	51.39 0.36 0.00	60.35 0.89 0.00	55.77 0.66 0.00	50.64 0.25 0.00	44.03 0.26 0.00	38.66 0.27 0.00	34.92 0.31 0.00
WETHRSFD_WT_PWR 323626	29.40 -0.78 0.00	28.00 -0.75 0.00	26.61 -0.65 0.00	26.37 -0.62 0.00	27.90 -0.51 0.00	32.22 -0.63 0.00	43.98 -1.32 0.00	53.51 -1.60 0.00	46.96 -1.55 0.00	39.56 -0.08 0.00	35.94 0.28 0.00	34.43 0.34 0.00	33.63 0.30 0.00	33.50 0.26 0.00	33.96 0.10 0.00	34.91 -0.24 0.00	39.77 -1.06 0.00	49.35 -1.68 0.00	58.62 -0.83 0.00	54.23 -0.88 0.00	48.88 -1.51 0.00	42.89 -0.87 0.00	37.93 -0.46 0.00	34.71 0.10 0.00
WHAVSTOR_138KV_BK127 55557	31.36 1.18 0.00	29.75 1.01 0.00	28.25 0.98 0.00	27.96 0.97 0.00	29.43 1.02 0.00	34.00 1.15 0.00	46.75 1.45 0.00	56.76 1.65 0.00	49.83 1.31 0.00	40.43 0.79 0.00	36.48 0.82 0.00	34.88 0.78 0.00	34.17 0.83 0.00	34.10 0.86 0.00	34.78 0.91 0.00	36.18 1.02 0.00	42.02 1.18 0.00	52.56 1.53 0.00	61.89 2.44 0.00	56.87 1.76 0.00	51.80 1.41 0.00	44.86 1.09 0.00	39.16 0.77 0.00	35.30 0.69 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.36 1.18 0.00	29.75 1.01 0.00	28.25 0.98 0.00	27.96 0.97 0.00	29.43 1.02 0.00	34.00 1.15 0.00	46.75 1.45 0.00	56.76 1.65 0.00	49.83 1.31 0.00	40.43 0.79 0.00	36.48 0.82 0.00	34.88 0.78 0.00	34.17 0.83 0.00	34.10 0.86 0.00	34.78 0.91 0.00	36.18 1.02 0.00	42.02 1.18 0.00	52.56 1.53 0.00	61.89 2.44 0.00	56.87 1.76 0.00	51.80 1.41 0.00	44.86 1.09 0.00	39.16 0.77 0.00	35.30 0.69 0.00
WHITEHAL_115KV_TB1 80871	32.35 2.17 0.00	30.84 2.10 0.00	29.12 1.85 0.00	28.86 1.86 0.00	30.46 2.05 0.00	35.31 2.46 0.00	48.92 3.62 0.00	59.52 4.41 0.00	52.21 3.69 0.00	42.30 2.66 0.00	37.73 2.07 0.00	36.00 1.91 0.00	35.23 1.90 0.00	35.16 1.93 0.00	35.79 1.93 0.00	37.30 2.14 0.00	43.77 2.94 0.00	55.16 4.13 0.00	64.99 5.53 0.00	59.74 4.63 0.00	54.32 3.93 0.00	47.09 3.33 0.00	41.08 2.69 0.00	37.03 2.42 0.00
WHITEPLN_13_KV_LOAD 356215	31.90 1.72 0.00	30.24 1.49 0.00	28.71 1.45 0.00	28.40 1.40 0.00	29.92 1.51 0.00	34.52 1.68 0.00	47.61 2.31 0.00	57.92 2.81 0.00	50.94 2.43 0.00	41.23 1.59 0.00	37.19 1.53 0.00	35.66 1.57 0.00	34.93 1.60 0.00	34.90 1.66 0.00	35.62 1.76 0.00	37.06 1.90 0.00	43.04 2.20 0.00	53.73 2.70 0.00	63.44 3.98 0.00	58.14 3.03 0.00	52.96 2.57 0.00	45.82 2.06 0.00	39.97 1.57 0.00	35.99 1.38 0.00
WM_FLOYD_69_KV_BK2 356380	32.62 2.44 0.00	30.73 1.98 0.00	29.15 1.88 0.00	28.80 1.81 0.00	30.46 2.05 0.00	34.78 1.94 0.00	46.66 1.36 0.00	53.60 1.27 2.78	49.66 1.16 0.02	38.11 0.28 1.81	36.22 0.57 0.01	35.11 1.02 0.00	34.43 1.10 0.00	34.63 1.40 0.00	35.25 1.39 0.00	36.28 1.13 0.00	42.38 1.55 0.00	52.97 1.94 0.00	62.96 3.51 0.00	57.42 2.31 0.00	52.16 1.76 0.00	45.43 1.66 0.00	39.35 0.96 0.00	35.92 1.32 0.00
WOODARD___115KV_TB2 355635	29.79 -0.39 0.00	28.37 -0.37 0.00	26.89 -0.38 0.00	26.64 -0.35 0.00	28.01 -0.40 0.00	32.48 -0.36 0.00	44.89 -0.41 0.00	54.72 -0.39 0.00	48.23 -0.29 0.00	39.60 -0.04 0.00	35.66 0.00 0.00	34.06 -0.03 0.00	33.23 -0.10 0.00	33.13 -0.10 0.00	33.73 -0.14 0.00	34.95 -0.21 0.00	40.46 -0.37 0.00	50.57 -0.46 0.00	59.22 -0.24 0.00	54.78 -0.33 0.00	49.89 -0.50 0.00	43.33 -0.44 0.00	38.01 -0.38 0.00	34.26 -0.35 0.00
YORK___WARBASSE 23770	32.03 1.84 -0.01	30.33 1.58 -0.01	28.83 1.55 -0.01	28.51 1.51 -0.01	30.01 1.59 -0.01	34.59 1.74 -0.01	47.52 2.22 0.00	57.75 2.65 0.00	50.95 2.43 -0.01	41.27 1.63 -0.01	43.82 1.68 -6.48	44.52 1.70 -8.73	44.56 1.73 -9.49	44.56 1.79 -9.53	45.20 1.86 -9.47	45.20 2.00 -8.03	45.20 2.29 -2.08	53.68 2.65 0.00	63.32 3.86 0.00	58.03 2.92 0.00	52.81 2.42 0.00	45.92 2.14 -0.01	40.13 1.73 -0.01	36.07 1.45 -0.01