

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/15/2024

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	28.52	26.86	25.10	23.70	23.77	25.26	27.96	28.56	28.22	28.19	31.28	32.71	36.46	39.40	41.13	43.79	49.28	57.70	52.34	46.50	43.86	38.97	35.04	30.95
24138	1.61	1.35	1.26	1.13	1.13	1.22	1.48	1.77	2.02	2.35	2.79	2.81	3.16	3.38	3.46	3.69	4.64	5.20	4.15	3.40	3.10	2.65	2.38	2.19
	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	28.60	26.96	25.17	23.77	23.84	25.28	28.07	28.59	28.25	28.21	31.31	32.74	36.49	39.44	41.20	43.84	49.32	57.76	52.39	46.80	43.94	39.08	35.21	31.04
24260	1.70	1.45	1.33	1.20	1.20	1.25	1.59	1.80	2.04	2.38	2.82	2.84	3.20	3.42	3.54	3.73	4.69	5.25	4.19	3.71	3.18	2.76	2.55	2.27
	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	28.60	26.96	25.17	23.77	23.84	25.28	28.07	28.59	28.25	28.21	31.31	32.74	36.49	39.44	41.20	43.84	49.32	57.76	52.39	46.80	43.94	39.08	35.21	31.04
24261	1.70	1.45	1.33	1.20	1.20	1.25	1.59	1.80	2.04	2.38	2.82	2.84	3.20	3.42	3.54	3.73	4.69	5.25	4.19	3.71	3.18	2.76	2.55	2.27
	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	29.03	27.45	25.48	24.11	24.18	25.74	28.52	28.78	28.15	27.85	30.39	31.90	35.59	38.33	40.19	42.79	47.80	56.71	52.82	47.23	45.04	39.98	35.66	31.39
24011	2.13	1.94	1.64	1.54	1.54	1.71	2.04	1.98	1.94	2.02	1.91	2.00	2.30	2.31	2.52	2.69	3.17	4.20	4.63	4.14	4.28	3.67	3.00	2.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.22	27.62	25.60	24.22	24.31	25.88	28.71	28.97	28.30	28.03	30.56	32.08	35.79	38.58	40.45	43.07	48.07	57.13	53.30	47.53	45.45	40.35	35.96	31.62
23798	2.31	2.12	1.76	1.65	1.68	1.85	2.22	2.17	2.10	2.19	2.08	2.18	2.50	2.56	2.79	2.97	3.44	4.62	5.11	4.44	4.69	4.03	3.30	2.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.03	27.45	25.48	24.11	24.18	25.74	28.52	28.78	28.15	27.85</														

ALBANY___2 23572	27.12 0.22 0.00	25.69 0.18 0.00	23.98 0.14 0.00	22.80 0.23 0.00	22.86 0.23 0.00	24.20 0.17 0.00	26.64 0.16 0.00	26.98 0.19 0.00	26.47 0.26 0.00	26.20 0.36 0.00	28.77 0.28 0.00	30.17 0.27 0.00	33.63 0.33 0.00	36.38 0.36 0.00	38.08 0.41 0.00	40.47 0.36 0.00	45.22 0.58 0.00	53.19 0.68 0.00	48.77 0.58 0.00	43.70 0.60 0.00	41.29 0.53 0.00	36.79 0.47 0.00	33.02 0.36 0.00	29.17 0.40 0.00
ALBANY___3 23573	27.12 0.22 0.00	25.69 0.18 0.00	23.98 0.14 0.00	22.80 0.23 0.00	22.86 0.23 0.00	24.20 0.17 0.00	26.64 0.16 0.00	26.98 0.19 0.00	26.47 0.26 0.00	26.20 0.36 0.00	28.77 0.28 0.00	30.17 0.27 0.00	33.63 0.33 0.00	36.38 0.36 0.00	38.08 0.41 0.00	40.47 0.36 0.00	45.22 0.58 0.00	53.19 0.68 0.00	48.77 0.58 0.00	43.70 0.60 0.00	41.29 0.53 0.00	36.79 0.47 0.00	33.02 0.36 0.00	29.17 0.40 0.00
ALBANY___4 23574	27.12 0.22 0.00	25.69 0.18 0.00	23.98 0.14 0.00	22.80 0.23 0.00	22.86 0.23 0.00	24.20 0.17 0.00	26.64 0.16 0.00	26.98 0.19 0.00	26.47 0.26 0.00	26.20 0.36 0.00	28.77 0.28 0.00	30.17 0.27 0.00	33.63 0.33 0.00	36.38 0.36 0.00	38.08 0.41 0.00	40.47 0.36 0.00	45.22 0.58 0.00	53.19 0.68 0.00	48.77 0.58 0.00	43.70 0.60 0.00	41.29 0.53 0.00	36.79 0.47 0.00	33.02 0.36 0.00	29.17 0.40 0.00
ALBANY___LFGE 323615	27.44 0.54 0.00	25.97 0.46 0.00	24.24 0.40 0.00	23.03 0.45 0.00	23.09 0.45 0.00	24.44 0.41 0.00	26.91 0.42 0.00	27.28 0.48 0.00	26.76 0.55 0.00	26.48 0.65 0.00	29.11 0.63 0.00	30.53 0.63 0.00	34.03 0.73 0.00	36.81 0.79 0.00	38.57 0.90 0.00	40.99 0.88 0.00	45.75 1.12 0.00	53.87 1.36 0.00	49.44 1.25 0.00	44.17 1.08 0.00	41.82 1.06 0.00	37.26 0.94 0.00	33.41 0.75 0.00	29.51 0.75 0.00
ALCOA_PA_115KV_PL-6C 55860	26.58 -0.32 0.00	25.38 -0.13 0.00	23.72 -0.12 0.00	22.46 -0.11 0.00	22.50 -0.14 0.00	23.96 -0.07 0.00	26.35 -0.13 0.00	26.64 -0.16 0.00	26.05 -0.16 0.00	25.47 -0.36 0.00	28.06 -0.43 0.00	29.39 -0.51 0.00	32.73 -0.57 0.00	35.44 -0.58 0.00	37.14 -0.53 0.00	39.47 -0.64 0.00	43.61 -1.03 0.00	50.77 -1.73 0.00	46.60 -1.59 0.00	42.36 -0.73 0.00	40.23 -0.53 0.00	35.77 -0.54 0.00	32.14 -0.52 0.00	28.37 -0.40 0.00
ALCOA_RYNLDS___DRP 24188	26.58 -0.32 0.00	25.38 -0.13 0.00	23.72 -0.12 0.00	22.46 -0.11 0.00	22.50 -0.14 0.00	23.96 -0.07 0.00	26.35 -0.13 0.00	26.64 -0.16 0.00	26.05 -0.16 0.00	25.47 -0.36 0.00	28.06 -0.43 0.00	29.39 -0.51 0.00	32.73 -0.57 0.00	35.44 -0.58 0.00	37.14 -0.53 0.00	39.47 -0.64 0.00	43.61 -1.03 0.00	50.77 -1.73 0.00	46.60 -1.59 0.00	42.36 -0.73 0.00	40.23 -0.53 0.00	35.77 -0.54 0.00	32.14 -0.52 0.00	28.37 -0.40 0.00
ALCOA___DSASP 323711	26.58 -0.32 0.00	25.38 -0.13 0.00	23.72 -0.12 0.00	22.46 -0.11 0.00	22.50 -0.14 0.00	23.96 -0.07 0.00	26.35 -0.13 0.00	26.64 -0.16 0.00	26.05 -0.16 0.00	25.47 -0.36 0.00	28.06 -0.43 0.00	29.39 -0.51 0.00	32.73 -0.57 0.00	35.44 -0.58 0.00	37.10 -0.56 0.00	39.46 -0.64 0.00	43.74 -0.89 0.00	50.77 -1.73 0.00	46.60 -1.59 0.00	42.58 -0.52 0.00	40.23 -0.53 0.00	35.77 -0.54 0.00	32.14 -0.52 0.00	28.37 -0.40 0.00
ALLEGHENY___COGEN 23514	28.12 1.21 0.00	26.35 0.84 0.00	24.48 0.64 0.00	23.14 0.56 0.00	23.25 0.61 0.00	24.85 0.82 0.00	27.28 0.79 0.00	27.65 0.86 0.00	26.39 0.18 0.00	26.15 0.31 0.00	28.85 0.37 0.00	30.65 0.75 0.00	34.06 0.77 0.00	36.81 0.79 0.00	38.34 0.68 0.00	40.31 0.20 0.00	45.13 0.49 0.00	53.97 1.47 0.00	50.37 2.17 0.00	44.39 1.29 0.00	42.27 1.51 0.00	38.71 2.40 0.00	35.21 2.55 0.00	30.18 1.41 0.00
ALTAMONT_115KV_TB 2 55880	27.47 0.57 0.00	25.99 0.48 0.00	24.29 0.45 0.00	23.03 0.45 0.00	23.09 0.45 0.00	24.46 0.43 0.00	26.99 0.50 0.00	27.33 0.54 0.00	26.76 0.55 0.00	26.48 0.65 0.00	29.14 0.66 0.00	30.56 0.66 0.00	34.06 0.77 0.00	36.85 0.83 0.00	38.53 0.87 0.00	40.99 0.88 0.00	45.80 1.16 0.00	53.87 1.37 0.00	49.45 1.25 0.00	44.26 1.16 0.00	41.82 1.06 0.00	37.26 0.94 0.00	33.48 0.82 0.00	29.54 0.78 0.00
ALTONA_WT_PWR 323606	27.20 0.30 0.00	25.94 0.43 0.00	24.20 0.36 0.00	22.96 0.38 0.00	22.95 0.32 0.00	24.51 0.48 0.00	26.96 0.48 0.00	27.36 0.56 0.00	26.83 0.63 0.00	26.38 0.54 0.00	29.08 0.60 0.00	30.53 0.63 0.00	33.96 0.67 0.00	36.81 0.79 0.00	38.53 0.87 0.00	40.95 0.84 0.00	45.48 0.85 0.00	53.50 1.00 0.00	49.11 0.91 0.00	44.21 1.12 0.00	41.66 0.90 0.00	36.93 0.62 0.00	33.08 0.42 0.00	29.14 0.37 0.00
AMERICAN_REF_FUEL 24010	26.50 -0.40 0.00	24.82 -0.69 0.00	23.05 -0.79 0.00	21.85 -0.72 0.00	21.94 -0.70 0.00	23.33 -0.70 0.00	25.58 -0.90 0.00	26.05 -0.75 0.00	25.24 -0.97 0.00	25.22 -0.62 0.00	28.00 -0.48 0.00	29.93 0.03 0.00	33.13 -0.17 0.00	35.59 -0.43 0.00	36.84 -0.83 0.00	39.47 -0.64 0.00	44.01 -0.62 0.00	52.14 -0.36 0.00	48.63 0.43 0.00	42.02 -1.08 0.00	39.70 -1.06 0.00	35.52 -0.80 0.00	32.69 0.03 0.00	28.05 -0.72 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.79 0.89 0.00	25.99 0.48 0.00	24.13 0.29 0.00	22.87 0.29 0.00	22.95 0.32 0.00	24.46 0.43 0.00	26.93 0.45 0.00	27.55 0.75 0.00	26.68 0.47 0.00	26.69 0.85 0.00	29.71 1.22 0.00	31.75 1.85 0.00	35.23 1.93 0.00	38.07 2.05 0.00	39.37 1.70 -0.01	42.12 2.00 -0.01	46.83 2.19 -0.01	55.30 2.78 -0.01	51.48 3.28 -0.01	44.65 1.55 -0.01	42.27 1.51 0.00	37.66 1.34 0.00	34.59 1.93 0.00	29.57 0.80 0.00
ARTHUR KILL_GT_1 23520	28.74 1.83 -0.01	27.05 1.53 -0.01	25.23 1.38 -0.01	23.80 1.22 -0.01	23.86 1.22 0.00	25.18 1.15 0.00	27.89 1.40 0.00	28.40 1.61 0.00	27.98 1.78 0.01	28.01 2.17 0.00	31.17 2.68 -0.01	32.59 2.69 0.00	36.40 3.10 -0.01	39.23 3.20 -0.01	40.86 3.20 0.01	43.51 3.41 0.01	49.05 4.42 0.01	57.54 5.04 0.01	52.04 3.86 0.01	46.27 3.19 0.01	43.69 2.94 0.01	38.93 2.62 0.00	35.18 2.51 -0.01	31.14 2.36 -0.01
ARTHUR_KILL_2 23512	28.64 1.72 -0.01	26.97 1.45 -0.01	25.16 1.31 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.11 1.08 0.00	27.78 1.30 0.00	28.30 1.50 0.00	27.90 1.70 0.01	27.90 2.07 0.00	31.06 2.56 -0.01	32.47 2.57 0.00	36.27 2.96 -0.01	39.09 3.06 -0.01	40.71 3.05 0.01	43.35 3.25 0.01	48.82 4.19 0.01	57.27 4.78 0.01	51.80 3.62 0.01	46.10 3.02 0.01	43.52 2.77 0.01	38.79 2.47 0.00	35.05 2.38 -0.01	31.05 2.27 -0.01
ARTHUR_KILL_3 23513	28.28 1.37 0.00	26.63 1.12 0.00	24.91 1.07 0.00	23.52 0.95 0.00	23.59 0.95 0.00	25.04 1.01 0.00	27.70 1.22 0.00	28.30 1.50 0.00	27.96 1.76 0.00	27.93 2.09 0.00	30.99 2.51 0.00	32.41 2.51 0.00	36.13 2.83 0.00	39.01 2.99 0.00	40.71 3.05 0.00	43.32 3.21 0.00	48.65 4.02 0.00	56.97 4.46 0.00	51.67 3.47 0.00	45.89 2.80 0.00	43.41 2.65 0.00	38.64 2.33 0.00	34.75 2.09 0.00	30.70 1.93 0.00

ARTHUR_KILL_COGEN 323718	28.74 1.83 -0.01	27.05 1.53 -0.01	25.23 1.38 -0.01	23.80 1.22 -0.01	23.86 1.22 0.00	25.18 1.15 0.00	27.89 1.40 0.00	28.40 1.61 0.00	27.98 1.78 0.01	28.01 2.17 0.00	31.17 2.68 -0.01	32.59 2.69 0.00	36.40 3.10 -0.01	39.23 3.20 -0.01	40.86 3.20 0.01	43.51 3.41 0.01	49.05 4.42 0.01	57.54 5.04 0.01	52.04 3.86 0.01	46.27 3.19 0.01	43.69 2.94 0.01	38.93 2.62 0.00	35.18 2.51 -0.01	31.14 2.36 -0.01
ASHOKAN____ 23654	28.04 1.13 0.00	26.45 0.94 0.00	24.70 0.86 0.00	23.41 0.84 0.00	23.43 0.79 0.00	24.75 0.72 0.00	27.28 0.79 0.00	27.47 0.67 0.00	26.86 0.66 0.00	26.51 0.67 0.00	29.08 0.60 0.00	30.41 0.51 0.00	34.09 0.80 0.00	36.88 0.86 0.00	38.79 1.13 0.00	41.35 1.24 0.00	46.37 1.74 0.00	54.87 2.36 0.00	50.65 2.46 0.00	45.42 2.33 0.00	42.80 2.04 0.00	37.99 1.67 0.00	34.06 1.40 0.00	30.21 1.44 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.61 1.70 -0.01	26.97 1.45 -0.01	25.28 1.43 -0.01	23.87 1.29 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.91 1.43 0.00	28.46 1.66 0.00	28.04 1.83 0.00	28.06 2.22 0.00	31.17 2.68 -0.01	32.62 2.72 0.00	36.22 2.93 0.01	39.07 3.06 0.01	40.78 3.12 0.01	43.39 3.29 0.01	48.92 4.29 0.00	57.44 4.93 0.00	51.85 3.66 0.00	46.15 3.06 0.00	43.53 2.77 0.00	38.63 2.33 0.01	35.15 2.48 -0.01	31.08 2.30 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	28.61 1.70 -0.01	26.97 1.45 -0.01	25.28 1.43 -0.01	23.87 1.29 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.91 1.43 0.00	28.46 1.66 0.00	28.04 1.83 0.00	28.06 2.22 0.00	31.17 2.68 -0.01	32.62 2.72 0.00	36.22 2.93 0.01	39.07 3.06 0.01	40.78 3.12 0.01	43.39 3.29 0.01	48.92 4.29 0.00	57.44 4.93 0.00	51.85 3.66 0.00	46.15 3.06 0.00	43.53 2.77 0.00	38.63 2.33 0.01	35.15 2.48 -0.01	31.08 2.30 -0.01
ASTORIA_GT2_1 24094	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01
ASTORIA_GT2_2 24095	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01
ASTORIA_GT2_3 24096	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01
ASTORIA_GT2_4 24097	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01
ASTORIA_GT3_1 24098	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01
ASTORIA_GT3_2 24099	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01
ASTORIA_GT3_3 24100	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01
ASTORIA_GT3_4 24101	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01
ASTORIA_GT4_1 24102	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01
ASTORIA_GT4_2 24103	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01
ASTORIA_GT4_3 24104	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01

ASTORIA_GT4_4 24105	28.61 1.70 -0.01	27.00 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.26 2.96 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.44 3.33 0.00	48.97 4.33 0.00	57.44 4.94 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.68 2.36 0.00	35.25 2.58 -0.01	31.08 2.30 -0.01
ASTORIA_GT_1 23523	28.66 1.75 -0.01	27.05 1.53 -0.01	25.33 1.48 -0.01	23.91 1.33 -0.01	24.00 1.36 0.00	25.33 1.30 0.00	27.96 1.48 0.00	28.51 1.72 0.00	28.12 1.91 0.00	28.13 2.30 0.00	31.26 2.76 -0.01	32.71 2.81 0.00	36.32 3.03 0.01	39.22 3.20 0.01	40.93 3.28 0.01	43.55 3.45 0.01	49.06 4.42 0.00	57.60 5.09 0.00	52.00 3.81 0.00	46.28 3.19 0.00	43.65 2.89 0.00	38.74 2.43 0.01	35.25 2.58 -0.01	31.14 2.36 -0.01
ASTORIA_GT_10 24110	28.55 1.64 -0.01	26.89 1.38 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.18 1.15 0.00	27.94 1.46 0.00	28.46 1.66 0.00	28.09 1.89 0.00	28.06 2.22 0.00	31.17 2.68 -0.01	32.59 2.69 0.00	36.32 3.03 0.00	39.19 3.17 0.00	40.90 3.24 0.00	43.52 3.41 0.00	48.97 4.33 0.00	57.34 4.83 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	35.12 2.45 -0.01	30.96 2.19 -0.01
ASTORIA_GT_11 24225	28.55 1.64 -0.01	26.89 1.38 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.18 1.15 0.00	27.94 1.46 0.00	28.46 1.66 0.00	28.09 1.89 0.00	28.06 2.22 0.00	31.17 2.68 -0.01	32.59 2.69 0.00	36.32 3.03 0.00	39.19 3.17 0.00	40.90 3.24 0.00	43.52 3.41 0.00	48.97 4.33 0.00	57.34 4.83 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	35.12 2.45 -0.01	30.96 2.19 -0.01
ASTORIA_GT_12 24226	28.55 1.64 -0.01	26.89 1.38 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.18 1.15 0.00	27.94 1.46 0.00	28.46 1.66 0.00	28.09 1.89 0.00	28.06 2.22 0.00	31.17 2.68 -0.01	32.59 2.69 0.00	36.32 3.03 0.00	39.19 3.17 0.00	40.90 3.24 0.00	43.52 3.41 0.00	48.97 4.33 0.00	57.34 4.83 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	35.12 2.45 -0.01	30.96 2.19 -0.01
ASTORIA_GT_13 24227	28.55 1.64 -0.01	26.89 1.38 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.18 1.15 0.00	27.94 1.46 0.00	28.46 1.66 0.00	28.09 1.89 0.00	28.06 2.22 0.00	31.17 2.68 -0.01	32.59 2.69 0.00	36.32 3.03 0.00	39.19 3.17 0.00	40.90 3.24 0.00	43.52 3.41 0.00	48.97 4.33 0.00	57.34 4.83 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	35.12 2.45 -0.01	30.96 2.19 -0.01
ASTORIA_GT_5 24106	28.66 1.75 -0.01	27.05 1.53 -0.01	25.33 1.48 -0.01	23.91 1.33 -0.01	24.00 1.36 0.00	25.33 1.30 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.12 1.91 0.00	28.14 2.30 0.00	31.26 2.76 -0.01	32.71 2.81 0.00	36.32 3.03 0.00	39.23 3.21 0.00	40.94 3.28 0.00	43.56 3.45 0.00	49.10 4.46 0.00	57.60 5.09 0.00	52.00 3.81 0.00	46.50 3.40 0.00	43.65 2.89 0.00	38.79 2.47 0.00	35.31 2.65 -0.01	31.14 2.36 -0.01
ASTORIA_GT_7 24107	28.66 1.75 -0.01	27.05 1.53 -0.01	25.33 1.48 -0.01	23.91 1.33 -0.01	24.00 1.36 0.00	25.33 1.30 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.12 1.91 0.00	28.14 2.30 0.00	31.26 2.76 -0.01	32.71 2.81 0.00	36.32 3.03 0.00	39.23 3.21 0.00	40.94 3.28 0.00	43.56 3.45 0.00	49.10 4.46 0.00	57.60 5.09 0.00	52.00 3.81 0.00	46.50 3.40 0.00	43.65 2.89 0.00	38.79 2.47 0.00	35.31 2.65 -0.01	31.14 2.36 -0.01
ASTORIA_GT_8 24108	28.66 1.75 -0.01	27.05 1.53 -0.01	25.33 1.48 -0.01	23.91 1.33 -0.01	24.00 1.36 0.00	25.33 1.30 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.12 1.91 0.00	28.14 2.30 0.00	31.26 2.76 -0.01	32.71 2.81 0.00	36.32 3.03 0.00	39.23 3.21 0.00	40.94 3.28 0.00	43.56 3.45 0.00	49.10 4.46 0.00	57.60 5.09 0.00	52.00 3.81 0.00	46.50 3.40 0.00	43.65 2.89 0.00	38.79 2.47 0.00	35.31 2.65 -0.01	31.14 2.36 -0.01
ASTORIA___2 24149	28.61 1.70 -0.01	26.99 1.48 -0.01	25.30 1.45 -0.01	23.89 1.31 -0.01	23.95 1.31 0.00	25.28 1.25 0.00	27.91 1.43 0.00	28.46 1.66 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.25 2.96 0.01	39.11 3.10 0.01	40.82 3.16 0.01	43.43 3.33 0.01	48.92 4.29 0.00	57.44 4.93 0.00	51.90 3.71 0.00	46.15 3.06 0.00	43.57 2.81 0.00	38.67 2.36 0.01	35.15 2.48 -0.01	31.08 2.30 -0.01
ASTORIA___3 23516	28.55 1.64 -0.01	26.89 1.38 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.18 1.15 0.00	27.89 1.40 0.00	28.46 1.66 0.00	28.09 1.89 0.00	28.06 2.22 0.00	31.17 2.68 -0.01	32.59 2.69 0.00	36.32 3.03 0.00	39.19 3.17 0.00	40.90 3.24 0.00	43.51 3.41 0.00	48.92 4.29 0.00	57.33 4.83 0.00	51.90 3.71 0.00	46.20 3.10 0.00	43.61 2.85 0.00	38.79 2.47 0.00	35.02 2.35 -0.01	30.96 2.19 -0.01
ASTORIA___4 23517	28.55 1.64 -0.01	26.89 1.38 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.18 1.15 0.00	27.94 1.46 0.00	28.46 1.66 0.00	28.09 1.89 0.00	28.06 2.22 0.00	31.17 2.68 -0.01	32.59 2.69 0.00	36.32 3.03 0.00	39.19 3.17 0.00	40.90 3.24 0.00	43.52 3.41 0.00	48.97 4.33 0.00	57.34 4.83 0.00	51.86 3.66 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	35.12 2.45 -0.01	30.96 2.19 -0.01
ASTORIA___5 23518	28.55 1.64 -0.01	26.89 1.38 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.18 1.15 0.00	27.89 1.40 0.00	28.46 1.66 0.00	28.09 1.89 0.00	28.06 2.22 0.00	31.17 2.68 -0.01	32.59 2.69 0.00	36.32 3.03 0.00	39.19 3.17 0.00	40.90 3.24 0.00	43.51 3.41 0.00	48.92 4.29 0.00	57.33 4.83 0.00	51.90 3.71 0.00	46.20 3.10 0.00	43.61 2.85 0.00	38.79 2.47 0.00	35.02 2.35 -0.01	30.96 2.19 -0.01
AST_ENERGY_2_CC3 323677	28.36 1.45 0.00	26.71 1.20 0.00	24.96 1.12 0.00	23.57 0.99 0.00	23.66 1.02 0.00	25.09 1.06 0.00	27.75 1.27 0.00	28.35 1.55 0.00	27.99 1.78 0.00	27.96 2.12 0.00	31.02 2.53 0.00	32.44 2.54 0.00	36.16 2.86 0.00	39.05 3.03 0.00	40.79 3.12 0.00	43.40 3.29 0.00	48.74 4.10 0.00	57.13 4.62 0.00	51.81 3.62 0.00	46.06 2.97 0.00	43.53 2.77 0.00	38.71 2.40 0.00	34.81 2.16 0.00	30.75 1.98 0.00
AST_ENERGY_2_CC4 323678	28.36 1.45 0.00	26.71 1.20 0.00	24.96 1.12 0.00	23.57 0.99 0.00	23.66 1.02 0.00	25.09 1.06 0.00	27.75 1.27 0.00	28.35 1.55 0.00	27.99 1.78 0.00	27.96 2.12 0.00	31.02 2.53 0.00	32.44 2.54 0.00	36.16 2.86 0.00	39.05 3.03 0.00	40.79 3.12 0.00	43.40 3.29 0.00	48.74 4.10 0.00	57.13 4.62 0.00	51.81 3.62 0.00	46.06 2.97 0.00	43.53 2.77 0.00	38.71 2.40 0.00	34.81 2.16 0.00	30.75 1.98 0.00

ATHENS_STG_1 23668	27.55 0.64 0.00	26.04 0.54 0.00	24.36 0.52 0.00	23.07 0.50 0.00	23.13 0.50 0.00	24.51 0.48 0.00	27.01 0.53 0.00	27.44 0.64 0.00	26.94 0.73 0.00	26.72 0.88 0.00	29.48 1.00 0.00	30.89 0.99 0.00	34.43 1.13 0.00	37.21 1.19 0.00	38.91 1.24 0.00	41.39 1.28 0.00	46.24 1.60 0.00	54.34 1.84 0.00	49.69 1.50 0.00	44.30 1.20 0.00	41.94 1.18 0.00	37.37 1.05 0.00	33.57 0.91 0.00	29.69 0.92 0.00
ATHENS_STG_2 23670	27.55 0.64 0.00	26.04 0.54 0.00	24.36 0.52 0.00	23.07 0.50 0.00	23.13 0.50 0.00	24.51 0.48 0.00	27.01 0.53 0.00	27.44 0.64 0.00	26.94 0.73 0.00	26.72 0.88 0.00	29.48 1.00 0.00	30.89 0.99 0.00	34.43 1.13 0.00	37.21 1.19 0.00	38.91 1.24 0.00	41.39 1.28 0.00	46.24 1.60 0.00	54.34 1.84 0.00	49.69 1.50 0.00	44.30 1.20 0.00	41.94 1.18 0.00	37.37 1.05 0.00	33.57 0.91 0.00	29.69 0.92 0.00
ATHENS_STG_3 23677	27.55 0.64 0.00	26.04 0.54 0.00	24.36 0.52 0.00	23.07 0.50 0.00	23.13 0.50 0.00	24.51 0.48 0.00	27.01 0.53 0.00	27.44 0.64 0.00	26.94 0.73 0.00	26.72 0.88 0.00	29.48 1.00 0.00	30.89 0.99 0.00	34.43 1.13 0.00	37.21 1.19 0.00	38.91 1.24 0.00	41.39 1.28 0.00	46.24 1.60 0.00	54.34 1.84 0.00	49.69 1.50 0.00	44.30 1.20 0.00	41.94 1.18 0.00	37.37 1.05 0.00	33.57 0.91 0.00	29.69 0.92 0.00
AUBURN___LFGE 323710	27.12 0.22 0.00	25.61 0.10 0.00	23.89 0.05 0.00	22.62 0.05 0.00	22.71 0.07 0.00	24.15 0.12 0.00	26.62 0.13 0.00	26.96 0.16 0.00	26.21 0.00 0.00	26.02 0.18 0.00	28.68 0.20 0.00	30.29 0.39 0.00	33.76 0.47 0.00	36.52 0.50 0.00	38.12 0.45 0.00	40.79 0.68 0.00	45.48 0.85 0.00	53.77 1.26 0.00	49.59 1.40 0.00	43.91 0.82 0.00	41.53 0.77 0.00	36.86 0.54 0.00	33.21 0.56 0.00	29.06 0.29 0.00
BABYLON_RES_REC 323704	31.55 2.07 -2.57	27.27 1.76 0.00	25.51 1.67 0.00	24.06 1.49 0.00	24.02 1.38 0.00	25.62 1.59 0.00	28.18 1.70 0.00	28.89 2.09 0.00	28.41 2.20 0.00	28.29 2.46 0.00	34.13 2.96 -2.68	36.45 3.02 -3.54	37.81 3.06 -1.46	39.08 3.06 0.00	41.10 3.16 -0.27	43.85 3.41 -0.33	49.07 4.10 -0.33	65.00 4.88 -7.61	51.96 3.76 0.00	46.06 2.97 0.00	43.73 2.97 0.00	39.08 2.76 0.00	35.11 2.45 0.00	33.44 2.59 -2.09
BABYLON__69_KV_BK2 356345	31.92 2.45 -2.57	27.62 2.12 0.00	25.84 2.00 0.00	24.38 1.81 0.00	24.31 1.68 0.00	25.95 1.92 0.00	28.52 2.04 0.00	29.23 2.44 0.00	28.72 2.52 0.00	28.60 2.76 0.00	34.50 3.33 -2.68	36.87 3.44 -3.54	38.65 3.90 -1.46	39.95 3.93 0.00	41.97 4.07 -0.24	44.93 4.53 -0.29	50.46 5.49 -0.34	66.58 6.46 -7.61	53.45 5.25 0.00	47.83 4.74 0.00	44.71 3.95 0.00	39.96 3.63 -0.01	35.93 3.27 0.00	33.88 3.02 -2.09
BALL_HILL_WT_PWR 323825	27.33 0.43 0.00	25.58 0.08 0.00	23.74 -0.09 0.00	22.51 -0.07 0.00	22.59 -0.05 0.00	24.06 0.02 0.00	26.43 -0.05 0.00	27.01 0.21 0.00	26.15 -0.05 0.00	26.17 0.33 0.00	29.11 0.63 0.00	31.10 1.20 0.00	34.49 1.20 0.00	37.25 1.23 0.00	38.50 0.83 -0.01	41.24 1.12 -0.01	45.85 1.21 -0.01	54.20 1.68 -0.01	50.47 2.27 -0.01	43.79 0.69 -0.01	41.37 0.61 0.00	36.93 0.62 0.00	33.90 1.24 0.00	29.03 0.26 0.00
BARON_WINDS___WT_PWR 323822	27.10 0.19 0.00	25.41 -0.10 0.00	23.62 -0.21 0.00	22.37 -0.20 0.00	22.46 -0.18 0.00	23.91 -0.12 0.00	26.35 -0.13 0.00	26.85 0.05 0.00	25.94 -0.26 0.00	25.94 0.10 0.00	28.80 0.31 0.00	30.68 0.78 0.00	34.09 0.80 0.00	36.81 0.79 0.00	38.12 0.45 0.00	40.79 0.68 0.00	45.40 0.76 0.00	53.72 1.21 0.00	49.93 1.73 0.00	43.57 0.47 0.00	41.21 0.45 0.00	36.75 0.44 0.00	33.57 0.91 0.00	28.88 0.12 0.00
BARRETT_IC_1 23704	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BARRETT_IC_10 23701	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BARRETT_IC_11 23702	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BARRETT_IC_12 23703	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BARRETT_IC_2 23705	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BARRETT_IC_3 23706	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BARRETT_IC_4 23707	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09

BARRETT_IC_5 23708	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BARRETT_IC_6 23709	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BARRETT_IC_7 23710	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.97 1.48 0.00	28.56 1.77 0.00	28.15 1.94 0.00	28.03 2.20 0.00	33.90 2.73 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.73 2.98 -0.09	43.37 3.21 -0.06	48.99 4.02 -0.33	64.74 4.62 -7.61	51.81 3.61 0.00	46.33 3.23 0.00	43.37 2.61 0.00	38.93 2.61 0.00	35.11 2.45 0.00	33.16 2.30 -2.09
BARRETT_IC_8 23711	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BARRETT_IC_9 23700	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BARRETT___1 23545	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BARRETT___2 23546	31.25 1.78 -2.57	26.99 1.48 0.00	25.25 1.41 0.00	23.84 1.26 0.00	23.81 1.18 0.00	25.35 1.32 0.00	27.94 1.46 0.00	28.59 1.80 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.87 2.71 -2.68	36.13 2.69 -3.54	37.78 3.03 -1.46	39.08 3.06 0.00	40.84 3.09 -0.09	43.29 3.13 -0.06	48.90 3.93 -0.33	64.68 4.57 -7.61	51.76 3.57 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.86 2.54 0.00	34.88 2.22 0.00	33.16 2.30 -2.09
BATAVIA__115KV_TB1 55881	27.52 0.62 0.00	25.74 0.23 0.00	23.93 0.10 0.00	22.62 0.05 0.00	22.73 0.09 0.00	24.25 0.22 0.00	26.38 -0.11 0.00	27.23 0.43 0.00	26.31 0.10 0.00	26.28 0.44 0.00	29.08 0.60 0.00	31.10 1.20 0.00	34.49 1.20 0.00	37.17 1.15 0.00	38.53 0.87 0.00	41.43 1.32 0.00	46.33 1.70 0.00	55.13 2.63 0.00	51.37 3.18 0.00	44.56 1.47 0.00	41.98 1.22 0.00	37.33 1.02 0.00	33.90 1.24 0.00	29.34 0.58 0.00
BAYONEEC___CTG1 323682	28.38 1.48 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.11 1.08 0.00	27.81 1.32 0.00	28.38 1.58 0.00	28.04 1.83 0.00	28.01 2.17 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.83 3.16 0.00	43.43 3.33 0.00	48.83 4.19 0.00	57.18 4.67 0.00	51.85 3.66 0.00	46.11 3.02 0.00	43.57 2.81 0.00	38.75 2.43 0.00	34.85 2.19 0.00	30.81 2.04 0.00
BAYONEEC___CTG10 323750	28.38 1.48 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.11 1.08 0.00	27.81 1.32 0.00	28.38 1.58 0.00	28.04 1.83 0.00	28.01 2.17 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.83 3.16 0.00	43.43 3.33 0.00	48.83 4.19 0.00	57.18 4.67 0.00	51.85 3.66 0.00	46.11 3.02 0.00	43.57 2.81 0.00	38.75 2.43 0.00	34.85 2.19 0.00	30.81 2.04 0.00
BAYONEEC___CTG2 323683	28.38 1.48 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.11 1.08 0.00	27.81 1.32 0.00	28.38 1.58 0.00	28.04 1.83 0.00	28.01 2.17 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.83 3.16 0.00	43.43 3.33 0.00	48.83 4.19 0.00	57.18 4.67 0.00	51.85 3.66 0.00	46.11 3.02 0.00	43.57 2.81 0.00	38.75 2.43 0.00	34.85 2.19 0.00	30.81 2.04 0.00
BAYONEEC___CTG3 323684	28.38 1.48 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.11 1.08 0.00	27.81 1.32 0.00	28.38 1.58 0.00	28.04 1.83 0.00	28.01 2.17 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.83 3.16 0.00	43.43 3.33 0.00	48.83 4.19 0.00	57.18 4.67 0.00	51.85 3.66 0.00	46.11 3.02 0.00	43.57 2.81 0.00	38.75 2.43 0.00	34.85 2.19 0.00	30.81 2.04 0.00
BAYONEEC___CTG4 323685	28.38 1.48 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.11 1.08 0.00	27.81 1.32 0.00	28.38 1.58 0.00	28.04 1.83 0.00	28.01 2.17 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.83 3.16 0.00	43.43 3.33 0.00	48.83 4.19 0.00	57.18 4.67 0.00	51.85 3.66 0.00	46.11 3.02 0.00	43.57 2.81 0.00	38.75 2.43 0.00	34.85 2.19 0.00	30.81 2.04 0.00
BAYONEEC___CTG5 323686	28.38 1.48 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.11 1.08 0.00	27.81 1.32 0.00	28.38 1.58 0.00	28.04 1.83 0.00	28.01 2.17 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.83 3.16 0.00	43.43 3.33 0.00	48.83 4.19 0.00	57.18 4.67 0.00	51.85 3.66 0.00	46.11 3.02 0.00	43.57 2.81 0.00	38.75 2.43 0.00	34.85 2.19 0.00	30.81 2.04 0.00
BAYONEEC___CTG6 323687	28.38 1.48 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.11 1.08 0.00	27.81 1.32 0.00	28.38 1.58 0.00	28.04 1.83 0.00	28.01 2.17 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.83 3.16 0.00	43.43 3.33 0.00	48.83 4.19 0.00	57.18 4.67 0.00	51.85 3.66 0.00	46.11 3.02 0.00	43.57 2.81 0.00	38.75 2.43 0.00	34.85 2.19 0.00	30.81 2.04 0.00

BAYONEEC___CTG7 323688	28.38 1.48 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.11 1.08 0.00	27.81 1.32 0.00	28.38 1.58 0.00	28.04 1.83 0.00	28.01 2.17 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.83 3.16 0.00	43.43 3.33 0.00	48.83 4.19 0.00	57.18 4.67 0.00	51.85 3.66 0.00	46.11 3.02 0.00	43.57 2.81 0.00	38.75 2.43 0.00	34.85 2.19 0.00	30.81 2.04 0.00
BAYONEEC___CTG8 323689	28.38 1.48 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.11 1.08 0.00	27.81 1.32 0.00	28.38 1.58 0.00	28.04 1.83 0.00	28.01 2.17 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.83 3.16 0.00	43.43 3.33 0.00	48.83 4.19 0.00	57.18 4.67 0.00	51.85 3.66 0.00	46.11 3.02 0.00	43.57 2.81 0.00	38.75 2.43 0.00	34.85 2.19 0.00	30.81 2.04 0.00
BAYONEEC___CTG9 323749	28.38 1.48 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.11 1.08 0.00	27.81 1.32 0.00	28.38 1.58 0.00	28.04 1.83 0.00	28.01 2.17 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.83 3.16 0.00	43.43 3.33 0.00	48.83 4.19 0.00	57.18 4.67 0.00	51.85 3.66 0.00	46.11 3.02 0.00	43.57 2.81 0.00	38.75 2.43 0.00	34.85 2.19 0.00	30.81 2.04 0.00
BEACON___LESR 323632	27.58 0.67 0.00	26.09 0.59 0.00	24.34 0.50 0.00	23.11 0.54 0.00	23.18 0.54 0.00	24.56 0.53 0.00	27.06 0.58 0.00	27.44 0.64 0.00	26.89 0.68 0.00	26.61 0.77 0.00	29.22 0.74 0.00	30.65 0.75 0.00	34.19 0.90 0.00	36.99 0.97 0.00	38.72 1.05 0.00	41.19 1.08 0.00	46.02 1.39 0.00	54.24 1.73 0.00	49.83 1.64 0.00	44.47 1.38 0.00	42.15 1.39 0.00	37.51 1.20 0.00	33.61 0.95 0.00	29.69 0.92 0.00
BEAVER RIVER___HYD 24048	26.15 -0.75 0.00	24.74 -0.76 0.00	23.22 -0.62 0.00	21.97 -0.61 0.00	22.05 -0.59 0.00	23.50 -0.53 0.00	25.93 -0.56 0.00	26.18 -0.62 0.00	25.39 -0.81 0.00	24.98 -0.85 0.00	27.46 -1.02 0.00	28.88 -1.02 0.00	32.13 -1.17 0.00	34.87 -1.15 0.00	36.57 -1.09 0.00	39.06 -1.04 0.00	43.61 -1.02 0.00	51.40 -1.11 0.00	47.52 -0.67 0.00	42.75 -0.35 0.00	40.48 -0.28 0.00	35.99 -0.33 0.00	32.17 -0.49 0.00	28.31 -0.46 0.00
BEEBEE_GT_13 23619	27.09 0.19 0.00	25.46 -0.05 0.00	23.70 -0.14 0.00	22.42 -0.16 0.00	22.48 -0.16 0.00	23.96 -0.07 0.00	26.19 -0.29 0.00	26.82 0.03 0.00	26.05 -0.16 0.00	25.94 0.10 0.00	28.68 0.20 0.00	30.53 0.63 0.00	33.89 0.60 0.00	36.60 0.58 0.00	38.08 0.41 0.00	40.99 0.88 0.00	45.80 1.16 0.00	54.34 1.84 0.00	50.31 2.12 0.00	43.91 0.82 0.00	41.29 0.53 0.00	36.72 0.40 0.00	33.28 0.62 0.00	28.91 0.14 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.88 1.96 -0.01	27.17 1.66 -0.01	25.35 1.50 -0.01	23.94 1.35 -0.01	23.97 1.34 0.00	25.35 1.32 0.00	28.15 1.67 0.00	28.67 1.88 0.00	28.30 2.10 0.00	28.29 2.45 0.00	31.48 2.99 -0.01	32.92 3.02 0.00	36.73 3.43 -0.01	39.63 3.60 -0.01	41.32 3.65 0.00	44.00 3.89 0.00	49.55 4.91 0.00	58.13 5.62 -0.01	52.53 4.34 0.00	46.97 3.88 0.00	44.10 3.34 0.00	39.22 2.91 0.00	35.51 2.84 -0.01	31.31 2.53 -0.01
BETHLEHEM___GRP 23843	27.12 0.22 0.00	25.69 0.18 0.00	23.98 0.14 0.00	22.80 0.23 0.00	22.86 0.23 0.00	24.20 0.17 0.00	26.64 0.16 0.00	26.98 0.19 0.00	26.47 0.26 0.00	26.20 0.36 0.00	28.77 0.28 0.00	30.17 0.27 0.00	33.63 0.33 0.00	36.38 0.36 0.00	38.08 0.41 0.00	40.47 0.36 0.00	45.22 0.58 0.00	53.19 0.68 0.00	48.77 0.58 0.00	43.70 0.60 0.00	41.29 0.53 0.00	36.79 0.47 0.00	33.02 0.36 0.00	29.17 0.40 0.00
BETHLEHEM___GS1 323560	27.12 0.21 0.00	25.69 0.18 0.00	23.98 0.14 0.00	22.80 0.23 0.00	22.86 0.23 0.00	24.20 0.17 0.00	26.62 0.13 0.00	26.99 0.19 0.00	26.47 0.26 0.00	26.20 0.36 0.00	28.77 0.28 0.00	30.17 0.27 0.00	33.63 0.33 0.00	36.38 0.36 0.00	38.08 0.42 0.00	40.47 0.36 0.00	45.17 0.54 0.00	53.19 0.68 0.00	48.82 0.62 0.00	43.57 0.47 0.00	41.29 0.53 0.00	36.79 0.47 0.00	32.99 0.33 0.00	29.17 0.40 0.00
BETHLEHEM___GS2 323561	27.12 0.21 0.00	25.69 0.18 0.00	23.98 0.14 0.00	22.80 0.23 0.00	22.86 0.23 0.00	24.20 0.17 0.00	26.62 0.13 0.00	26.99 0.19 0.00	26.47 0.26 0.00	26.20 0.36 0.00	28.77 0.28 0.00	30.17 0.27 0.00	33.63 0.33 0.00	36.38 0.36 0.00	38.08 0.42 0.00	40.47 0.36 0.00	45.17 0.54 0.00	53.19 0.68 0.00	48.82 0.62 0.00	43.57 0.47 0.00	41.29 0.53 0.00	36.79 0.47 0.00	32.99 0.33 0.00	29.17 0.40 0.00
BETHLEHEM___GS3 323562	27.12 0.21 0.00	25.69 0.18 0.00	23.98 0.14 0.00	22.80 0.23 0.00	22.86 0.23 0.00	24.20 0.17 0.00	26.62 0.13 0.00	26.99 0.19 0.00	26.47 0.26 0.00	26.20 0.36 0.00	28.77 0.28 0.00	30.17 0.27 0.00	33.63 0.33 0.00	36.38 0.36 0.00	38.08 0.42 0.00	40.47 0.36 0.00	45.17 0.54 0.00	53.19 0.68 0.00	48.82 0.62 0.00	43.57 0.47 0.00	41.29 0.53 0.00	36.79 0.47 0.00	32.99 0.33 0.00	29.17 0.40 0.00
BETHLEHEM___STEEL 23779	27.26 0.35 0.00	25.48 -0.03 0.00	23.67 -0.17 0.00	22.44 -0.14 0.00	22.52 -0.11 0.00	23.96 -0.07 0.00	26.11 -0.37 0.00	26.85 0.05 0.00	26.02 -0.18 0.00	26.04 0.21 0.00	28.94 0.46 0.00	30.95 1.05 0.00	34.33 1.03 0.00	37.03 1.01 0.00	38.20 0.53 -0.01	40.96 0.84 -0.01	45.58 0.94 -0.01	53.93 1.42 -0.01	50.23 2.02 -0.01	43.62 0.52 -0.01	41.13 0.37 0.00	36.68 0.36 0.00	33.38 0.72 0.00	28.91 0.14 0.00
BETHLHEM_115KV_TB1 79974	27.20 0.30 0.00	25.74 0.23 0.00	24.05 0.21 0.00	22.84 0.27 0.00	22.91 0.27 0.00	24.25 0.22 0.00	26.69 0.21 0.00	27.04 0.24 0.00	26.52 0.31 0.00	26.25 0.41 0.00	28.86 0.37 0.00	30.26 0.36 0.00	33.73 0.43 0.00	36.49 0.47 0.00	38.19 0.53 0.00	40.59 0.48 0.00	45.35 0.71 0.00	53.29 0.79 0.00	48.92 0.72 0.00	43.83 0.73 0.00	41.37 0.61 0.00	36.90 0.58 0.00	33.12 0.46 0.00	29.23 0.46 0.00
BETHPAGE_CC_5 323564	31.39 1.91 -2.57	27.12 1.61 0.00	25.37 1.53 0.00	23.93 1.35 0.00	23.90 1.27 0.00	25.47 1.44 0.00	28.02 1.54 0.00	28.73 1.93 0.00	28.25 2.05 0.00	28.16 2.33 0.00	33.99 2.82 -2.68	36.34 2.90 -3.54	37.98 3.23 -1.46	39.33 3.31 0.00	41.37 3.35 -0.36	44.07 3.53 -0.44	49.30 4.33 -0.33	65.26 5.15 -7.61	52.19 4.00 0.00	46.28 3.19 0.00	43.73 2.97 0.00	39.15 2.83 0.00	34.94 2.29 0.00	33.27 2.42 -2.09
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.31 0.40 0.00	25.56 0.05 0.00	23.72 -0.12 0.00	22.48 -0.09 0.00	22.57 -0.07 0.00	24.03 0.00 0.00	26.19 -0.29 0.00	26.93 0.13 0.00	26.10 -0.10 0.00	26.12 0.28 0.00	29.06 0.57 0.00	31.07 1.17 0.00	34.49 1.20 0.00	37.21 1.19 0.00	38.35 0.68 -0.01	41.12 1.00 -0.01	45.72 1.07 -0.01	54.09 1.58 -0.01	50.37 2.17 -0.01	43.79 0.69 -0.01	41.29 0.53 0.00	36.79 0.47 0.00	33.48 0.82 0.00	29.03 0.26 0.00

BINGHAMTON___COGEN 23790	27.36 0.46 0.00	25.81 0.31 0.00	24.10 0.26 0.00	22.80 0.23 0.00	22.89 0.25 0.00	24.32 0.29 0.00	26.80 0.32 0.00	27.20 0.40 0.00	26.50 0.29 0.00	26.28 0.44 0.00	29.03 0.54 0.00	30.62 0.72 0.00	34.09 0.80 0.00	36.88 0.86 0.00	38.49 0.83 0.00	41.11 1.00 0.00	45.84 1.21 0.00	54.08 1.58 0.00	49.78 1.59 0.00	44.21 1.12 0.00	41.74 0.98 0.00	37.15 0.84 0.00	33.44 0.78 0.00	29.31 0.55 0.00
BIXINCNT_115KV_LOAD 355685	27.42 0.51 0.00	25.64 0.13 0.00	23.79 -0.05 0.00	22.57 0.00 0.00	22.68 0.05 0.00	24.15 0.12 0.00	26.40 -0.08 0.00	27.14 0.35 0.00	26.34 0.13 0.00	26.35 0.52 0.00	29.31 0.83 0.00	31.39 1.49 0.00	34.83 1.53 0.00	37.68 1.66 0.00	38.73 1.05 -0.01	41.44 1.32 -0.01	46.03 1.38 -0.01	54.40 1.89 -0.01	50.56 2.36 -0.01	44.18 1.08 -0.01	41.74 0.98 0.00	37.15 0.84 0.00	33.67 1.01 0.00	29.17 0.40 0.00
BLACK RIVER___HYD 24047	26.26 -0.65 0.00	24.79 -0.71 0.00	23.20 -0.64 0.00	21.94 -0.63 0.00	22.03 -0.61 0.00	23.50 -0.53 0.00	25.93 -0.56 0.00	26.15 -0.64 0.00	25.29 -0.92 0.00	24.93 -0.91 0.00	27.40 -1.08 0.00	28.88 -1.02 0.00	32.06 -1.23 0.00	34.83 -1.19 0.00	36.54 -1.13 0.00	39.06 -1.04 0.00	43.61 -1.02 0.00	51.61 -0.89 0.00	47.86 -0.34 0.00	42.96 -0.13 0.00	40.68 -0.08 0.00	36.17 -0.14 0.00	32.30 -0.36 0.00	28.37 -0.40 0.00
BLACKRVR_115KV_TB2 79977	26.26 -0.65 0.00	24.79 -0.71 0.00	23.20 -0.64 0.00	21.94 -0.63 0.00	22.03 -0.61 0.00	23.50 -0.53 0.00	25.90 -0.58 0.00	26.15 -0.64 0.00	25.29 -0.92 0.00	24.93 -0.90 0.00	27.40 -1.08 0.00	28.88 -1.02 0.00	32.06 -1.23 0.00	34.83 -1.19 0.00	36.53 -1.13 0.00	39.06 -1.04 0.00	43.61 -1.03 0.00	51.61 -0.89 0.00	47.86 -0.34 0.00	42.96 -0.13 0.00	40.68 -0.08 0.00	36.17 -0.15 0.00	32.27 -0.39 0.00	28.37 -0.40 0.00
BLISS_WT_PWR 323608	27.39 0.48 0.00	25.61 0.10 0.00	23.77 -0.07 0.00	22.55 -0.02 0.00	22.66 0.02 0.00	24.15 0.12 0.00	26.59 0.11 0.00	27.14 0.35 0.00	26.34 0.13 0.00	26.38 0.54 0.00	29.34 0.85 0.00	31.39 1.49 0.00	34.83 1.53 0.00	37.68 1.66 0.00	38.84 1.17 -0.01	41.48 1.36 -0.01	45.98 1.34 -0.01	54.30 1.79 -0.01	50.51 2.31 -0.01	44.05 0.95 -0.01	41.74 0.98 0.00	37.19 0.87 0.00	34.03 1.37 0.00	29.14 0.37 0.00
BLUESTONE___WT_PWR 323821	28.71 1.80 0.00	27.04 1.53 0.00	25.17 1.33 0.00	23.79 1.22 0.00	23.88 1.24 0.00	25.45 1.42 0.00	28.10 1.62 0.00	28.49 1.69 0.00	27.54 1.34 0.00	27.28 1.45 0.00	29.99 1.51 0.00	31.66 1.76 0.00	35.26 1.96 0.00	38.29 2.27 0.00	40.08 2.41 0.00	42.95 2.85 0.00	47.99 3.35 0.00	56.97 4.46 0.00	52.72 4.53 0.00	46.75 3.66 0.00	44.18 3.42 0.00	39.29 2.98 0.00	35.24 2.58 0.00	30.84 2.07 0.00
BLUE_CIRC_CHEM_DRP 24182	27.52 0.62 0.00	26.04 0.54 0.00	24.34 0.50 0.00	23.09 0.52 0.00	23.16 0.52 0.00	24.54 0.50 0.00	27.01 0.53 0.00	27.31 0.51 0.00	26.70 0.50 0.00	26.35 0.52 0.00	28.91 0.43 0.00	30.32 0.42 0.00	33.79 0.50 0.00	36.56 0.54 0.00	38.27 0.60 0.00	40.71 0.60 0.00	45.48 0.85 0.00	53.66 1.16 0.00	49.35 1.16 0.00	44.21 1.12 0.00	41.82 1.06 0.00	37.30 0.98 0.00	33.48 0.82 0.00	29.57 0.81 0.00
BOC_GAS_DRP 24189	27.34 0.43 0.00	25.86 0.36 0.00	24.20 0.36 0.00	22.94 0.36 0.00	23.00 0.36 0.00	24.37 0.34 0.00	26.85 0.37 0.00	27.20 0.40 0.00	26.68 0.47 0.00	26.40 0.57 0.00	29.06 0.57 0.00	30.47 0.57 0.00	33.96 0.67 0.00	36.74 0.72 0.00	38.42 0.75 0.00	40.83 0.72 0.00	45.62 0.98 0.00	53.61 1.10 0.00	49.16 0.96 0.00	44.00 0.90 0.00	41.53 0.77 0.00	37.04 0.73 0.00	33.28 0.62 0.00	29.40 0.63 0.00
BOONVILLE_115KV_TB1 79983	27.23 0.32 0.00	25.74 0.23 0.00	24.08 0.24 0.00	22.78 0.20 0.00	22.86 0.23 0.00	24.34 0.31 0.00	26.83 0.34 0.00	27.14 0.35 0.00	26.39 0.18 0.00	26.02 0.18 0.00	28.63 0.14 0.00	30.14 0.24 0.00	33.53 0.23 0.00	36.38 0.36 0.00	38.15 0.49 0.00	40.75 0.64 0.00	45.48 0.85 0.00	53.71 1.21 0.00	49.54 1.35 0.00	44.30 1.21 0.00	41.86 1.10 0.00	37.26 0.94 0.00	33.35 0.69 0.00	29.34 0.58 0.00
BORALEX_4TH_BRANCH 23824	28.12 1.21 0.00	26.63 1.12 0.00	24.89 1.05 0.00	23.54 0.97 0.00	23.63 1.00 0.00	24.99 0.96 0.00	27.65 1.17 0.00	28.00 1.21 0.00	27.36 1.15 0.00	27.05 1.21 0.00	29.65 1.17 0.00	31.13 1.23 0.00	34.63 1.33 0.00	37.42 1.40 0.00	39.13 1.47 0.00	41.55 1.44 0.00	46.42 1.79 0.00	54.45 1.94 0.00	50.07 1.88 0.00	44.99 1.90 0.00	42.51 1.75 0.00	37.99 1.67 0.00	34.10 1.44 0.00	30.24 1.47 0.00
BOWLINE___1 23526	28.09 1.18 0.00	26.48 0.97 0.00	24.74 0.91 0.00	23.39 0.81 0.00	23.45 0.81 0.00	24.87 0.84 0.00	27.51 1.03 0.00	28.03 1.23 0.00	27.59 1.39 0.00	27.49 1.65 0.00	30.45 1.96 0.00	31.90 2.00 0.00	35.53 2.23 0.00	38.33 2.31 0.00	40.00 2.34 0.00	42.59 2.49 0.00	47.76 3.12 0.00	56.02 3.52 0.00	51.04 2.84 0.00	45.38 2.28 0.00	42.80 2.04 0.00	38.17 1.85 0.00	34.29 1.63 0.00	30.38 1.61 0.00
BOWLINE___2 23595	28.09 1.18 0.00	26.48 0.97 0.00	24.74 0.91 0.00	23.39 0.81 0.00	23.45 0.81 0.00	24.87 0.84 0.00	27.51 1.03 0.00	28.03 1.23 0.00	27.59 1.39 0.00	27.49 1.65 0.00	30.45 1.96 0.00	31.90 2.00 0.00	35.56 2.27 0.00	38.36 2.34 0.00	40.08 2.41 0.00	42.68 2.57 0.00	47.85 3.22 0.00	56.13 3.62 0.00	51.13 2.94 0.00	45.46 2.37 0.00	42.88 2.12 0.00	38.20 1.89 0.00	34.32 1.66 0.00	30.38 1.61 0.00
BRADY___115KV_TB2 356060	26.64 -0.27 0.00	25.41 -0.10 0.00	23.74 -0.10 0.00	22.48 -0.09 0.00	22.52 -0.11 0.00	24.01 -0.02 0.00	26.40 -0.08 0.00	26.66 -0.13 0.00	26.00 -0.21 0.00	25.40 -0.44 0.00	27.94 -0.54 0.00	29.27 -0.63 0.00	32.60 -0.70 0.00	35.34 -0.68 0.00	37.06 -0.60 0.00	39.42 -0.68 0.00	43.56 -1.07 0.00	50.72 -1.79 0.00	46.65 -1.54 0.00	42.53 -0.56 0.00	40.43 -0.33 0.00	35.95 -0.36 0.00	32.23 -0.42 0.00	28.45 -0.32 0.00
BRANSCOMB___SOLAR 323811	28.57 1.67 0.00	27.01 1.50 0.00	25.15 1.31 0.00	23.79 1.22 0.00	23.88 1.24 0.00	25.35 1.32 0.00	28.04 1.56 0.00	28.32 1.53 0.00	27.65 1.44 0.00	27.33 1.50 0.00	29.94 1.45 0.00	31.42 1.52 0.00	35.03 1.73 0.00	37.82 1.80 0.00	39.62 1.96 0.00	42.15 2.04 0.00	47.04 2.41 0.00	55.71 3.20 0.00	51.62 3.42 0.00	46.11 3.02 0.00	43.90 3.14 0.00	39.04 2.73 0.00	34.94 2.29 0.00	30.81 2.04 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.79 2.31 -2.57	27.52 2.02 0.00	25.75 1.91 0.00	24.29 1.72 0.00	24.24 1.61 0.00	25.86 1.83 0.00	28.44 1.96 0.00	29.15 2.36 0.00	28.64 2.44 0.00	28.50 2.66 0.00	34.21 3.05 -2.68	36.52 3.08 -3.54	38.18 3.43 -1.46	39.44 3.42 0.00	41.36 3.54 -0.16	44.31 4.01 -0.19	49.84 4.87 -0.33	65.84 5.72 -7.61	52.77 4.58 0.00	47.27 4.18 0.00	44.18 3.42 0.00	39.58 3.23 -0.03	35.60 2.94 0.00	33.67 2.82 -2.09

BRISTLHL_115KV_TB1 79998	26.58 -0.32 0.00	25.13 -0.38 0.00	23.46 -0.38 0.00	22.21 -0.36 0.00	22.28 -0.36 0.00	23.67 -0.36 0.00	26.09 -0.40 0.00	26.31 -0.48 0.00	25.63 -0.58 0.00	25.40 -0.44 0.00	28.00 -0.48 0.00	29.48 -0.42 0.00	32.83 -0.47 0.00	35.59 -0.43 0.00	37.14 -0.53 0.00	39.63 -0.48 0.00	44.14 -0.49 0.00	52.14 -0.37 0.00	47.95 -0.24 0.00	42.66 -0.43 0.00	40.31 -0.45 0.00	35.92 -0.40 0.00	32.33 -0.33 0.00	28.39 -0.37 0.00
BROOKHAVEN___DRP 24191	31.41 1.94 -2.57	27.19 1.68 0.00	25.46 1.62 0.00	24.00 1.42 0.00	23.93 1.29 0.00	25.57 1.54 0.00	28.05 1.56 0.00	28.81 2.01 0.00	28.25 2.04 0.00	28.11 2.27 0.00	33.96 2.79 -2.68	36.25 2.81 -3.54	37.98 3.23 -1.46	39.30 3.28 0.00	41.19 3.39 -0.13	44.12 3.85 -0.16	49.71 4.73 -0.35	65.80 5.67 -7.62	52.72 4.53 0.00	47.27 4.18 0.00	44.06 3.30 0.00	39.30 2.98 0.00	35.34 2.68 0.00	33.39 2.53 -2.09
BROOKLYN_NAVY_YARD 23515	28.41 1.51 0.00	26.76 1.25 0.00	24.98 1.14 0.00	23.59 1.02 0.00	23.66 1.02 0.00	25.11 1.08 0.00	27.83 1.35 0.00	28.40 1.61 0.00	28.09 1.89 0.00	28.03 2.19 0.00	31.08 2.59 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.15 3.13 0.00	40.90 3.24 0.00	43.51 3.41 0.00	48.92 4.29 0.00	57.33 4.83 0.00	52.00 3.81 0.00	46.24 3.14 0.00	43.65 2.89 0.00	38.79 2.47 0.00	34.88 2.22 0.00	30.84 2.07 0.00
BROOKLYN___ARMY_DRP 323595	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.34 2.85 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.09 3.43 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.71 3.62 0.00	43.86 3.10 0.00	39.04 2.72 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
BROOKVLE_69_KV_TB1 55790	31.55 2.07 -2.57	27.27 1.76 0.00	25.51 1.67 0.00	24.06 1.49 0.00	24.04 1.40 0.00	25.62 1.59 0.00	28.23 1.75 0.00	28.86 2.06 0.00	28.43 2.23 0.00	28.37 2.53 0.00	34.33 3.16 -2.68	36.76 3.32 -3.54	38.48 3.73 -1.46	39.98 3.96 0.00	42.96 4.11 -1.19	45.77 4.21 -1.45	50.15 5.18 -0.33	66.05 5.93 -7.61	52.96 4.77 0.00	47.27 4.18 0.00	44.22 3.46 0.00	39.69 3.38 0.00	35.60 2.94 0.00	33.53 2.68 -2.09
BROOME_2_LFGE 323671	27.36 0.46 0.00	25.81 0.31 0.00	24.10 0.26 0.00	22.80 0.23 0.00	22.89 0.25 0.00	24.32 0.29 0.00	26.83 0.34 0.00	27.20 0.40 0.00	26.50 0.29 0.00	26.28 0.44 0.00	29.03 0.54 0.00	30.62 0.72 0.00	34.09 0.80 0.00	36.88 0.86 0.00	38.49 0.83 0.00	41.11 1.00 0.00	45.80 1.16 0.00	54.03 1.52 0.00	49.78 1.59 0.00	44.09 0.99 0.00	41.74 0.98 0.00	37.15 0.84 0.00	33.51 0.85 0.00	29.31 0.55 0.00
BROOME___LFGE 323600	27.36 0.46 0.00	25.81 0.31 0.00	24.10 0.26 0.00	22.80 0.23 0.00	22.89 0.25 0.00	24.32 0.29 0.00	26.83 0.34 0.00	27.20 0.40 0.00	26.50 0.29 0.00	26.28 0.44 0.00	29.03 0.54 0.00	30.62 0.72 0.00	34.09 0.80 0.00	36.88 0.86 0.00	38.49 0.83 0.00	41.11 1.00 0.00	45.80 1.16 0.00	54.03 1.52 0.00	49.78 1.59 0.00	44.09 0.99 0.00	41.74 0.98 0.00	37.15 0.84 0.00	33.51 0.85 0.00	29.31 0.55 0.00
BROWNFLS_115KV_TB_3_5 80003	25.83 -1.08 0.00	24.54 -0.97 0.00	22.98 -0.86 0.00	21.74 -0.84 0.00	21.80 -0.84 0.00	23.24 -0.79 0.00	25.61 -0.87 0.00	25.89 -0.91 0.00	25.18 -1.02 0.00	24.70 -1.14 0.00	27.18 -1.31 0.00	28.55 -1.35 0.00	31.76 -1.53 0.00	34.44 -1.58 0.00	36.12 -1.54 0.00	38.50 -1.60 0.00	42.81 -1.83 0.00	50.19 -2.31 0.00	46.27 -1.93 0.00	41.89 -1.21 0.00	39.70 -1.06 0.00	35.30 -1.02 0.00	31.65 -1.01 0.00	27.91 -0.86 0.00
BROWNSV1_27_KV_LOAD 356125	28.65 1.75 0.00	26.99 1.48 0.00	25.20 1.36 0.00	23.79 1.22 0.00	23.86 1.22 0.00	25.33 1.30 0.00	28.10 1.62 0.00	28.65 1.85 0.00	28.30 2.10 0.00	28.26 2.43 0.00	31.36 2.88 0.00	32.80 2.90 0.00	36.56 3.26 0.00	39.51 3.49 0.00	41.28 3.62 0.00	43.96 3.85 0.00	49.46 4.82 0.00	57.91 5.41 0.00	52.53 4.34 0.00	46.93 3.84 0.00	44.10 3.34 0.00	39.19 2.87 0.00	35.30 2.65 0.00	31.10 2.33 0.00
BURROWS___LYONSDAL 23803	26.99 0.08 0.00	25.51 0.00 0.00	23.91 0.07 0.00	22.64 0.07 0.00	22.71 0.07 0.00	24.18 0.14 0.00	26.64 0.16 0.00	26.96 0.16 0.00	26.18 -0.03 0.00	25.81 -0.03 0.00	28.40 -0.09 0.00	29.90 0.00 0.00	33.26 -0.03 0.00	36.09 0.07 0.00	37.85 0.19 0.00	40.43 0.32 0.00	45.13 0.49 0.00	53.29 0.79 0.00	49.21 1.01 0.00	44.00 0.90 0.00	41.62 0.86 0.00	37.01 0.69 0.00	33.12 0.46 0.00	29.14 0.37 0.00
CAITHNESS_CC_1 323624	31.39 1.91 -2.57	27.16 1.66 0.00	25.44 1.60 0.00	24.00 1.42 0.00	23.93 1.29 0.00	25.55 1.51 0.00	28.02 1.54 0.00	28.81 2.01 0.00	28.22 2.02 0.00	28.11 2.27 0.00	33.90 2.73 -2.68	36.19 2.75 -3.54	37.92 3.16 -1.46	39.19 3.17 0.00	41.07 3.28 -0.13	43.88 3.61 -0.16	49.44 4.46 -0.35	65.59 5.46 -7.62	52.44 4.24 0.00	46.46 3.36 0.00	43.94 3.18 0.00	39.15 2.83 0.00	34.88 2.22 0.00	33.33 2.47 -2.09
CALPINE BETH_PAGE_GT4 24209	31.33 1.86 -2.57	27.06 1.56 0.00	25.34 1.50 0.00	23.91 1.33 0.00	23.86 1.22 0.00	25.45 1.42 0.00	28.02 1.54 0.00	28.67 1.88 0.00	28.22 2.02 0.00	28.14 2.30 0.00	33.98 2.82 -2.68	36.37 2.93 -3.54	38.01 3.26 -1.46	39.41 3.39 0.00	41.62 3.50 -0.46	44.27 3.61 -0.55	49.43 4.46 -0.33	65.31 5.20 -7.61	52.29 4.10 0.00	46.71 3.62 0.00	43.69 2.93 0.00	39.22 2.91 0.00	35.24 2.58 0.00	33.27 2.42 -2.09
CALPINE_BETH_PAGE_GT_4 323586	31.33 1.86 -2.57	27.06 1.56 0.00	25.34 1.50 0.00	23.91 1.33 0.00	23.86 1.22 0.00	25.45 1.42 0.00	27.99 1.51 0.00	28.67 1.88 0.00	28.22 2.02 0.00	28.13 2.30 0.00	33.99 2.82 -2.68	36.37 2.93 -3.54	38.02 3.26 -1.46	39.37 3.35 0.00	41.44 3.32 -0.46	44.19 3.53 -0.55	49.30 4.33 -0.33	65.26 5.15 -7.61	52.19 4.00 0.00	46.24 3.14 0.00	43.70 2.94 0.00	39.19 2.87 0.00	34.98 2.32 0.00	33.27 2.42 -2.09
CALPINE_BP_GT1 23823	31.33 1.86 -2.57	27.06 1.56 0.00	25.34 1.50 0.00	23.91 1.33 0.00	23.86 1.22 0.00	25.45 1.42 0.00	27.99 1.51 0.00	28.67 1.88 0.00	28.22 2.02 0.00	28.13 2.30 0.00	33.99 2.82 -2.68	36.37 2.93 -3.54	38.02 3.26 -1.46	39.37 3.35 0.00	41.44 3.32 -0.46	44.19 3.53 -0.55	49.30 4.33 -0.33	65.26 5.15 -7.61	52.19 4.00 0.00	46.24 3.14 0.00	43.70 2.94 0.00	39.19 2.87 0.00	34.98 2.32 0.00	33.27 2.42 -2.09
CALSPAN___DRP 24200	27.26 0.35 0.00	25.48 -0.03 0.00	23.67 -0.17 0.00	22.44 -0.14 0.00	22.52 -0.11 0.00	23.96 -0.07 0.00	26.11 -0.37 0.00	26.85 0.05 0.00	26.02 -0.18 0.00	26.04 0.21 0.00	28.94 0.46 0.00	30.95 1.05 0.00	34.33 1.03 0.00	37.03 1.01 0.00	38.20 0.53 -0.01	40.96 0.84 -0.01	45.58 0.94 -0.01	53.93 1.42 -0.01	50.23 2.02 -0.01	43.62 0.52 -0.01	41.13 0.37 0.00	36.68 0.36 0.00	33.38 0.72 0.00	28.91 0.14 0.00

CALVERTON___SOLAR 323806	31.50 2.02 -2.57	27.24 1.74 0.00	25.51 1.67 0.00	24.06 1.49 0.00	23.97 1.34 0.00	25.62 1.59 0.00	28.07 1.59 0.00	28.86 2.06 0.00	28.30 2.10 0.00	28.19 2.35 0.00	34.04 2.88 -2.68	36.40 2.96 -3.54	38.15 3.40 -1.46	39.48 3.46 0.00	41.38 3.58 -0.13	44.24 3.97 -0.16	49.94 4.95 -0.35	66.21 6.09 -7.62	52.97 4.77 0.00	46.89 3.79 0.00	44.30 3.54 0.00	39.48 3.16 0.00	35.08 2.42 0.00	33.50 2.64 -2.09
CANDIGU_WT_PWR 323617	27.10 0.19 0.00	25.41 -0.10 0.00	23.62 -0.21 0.00	22.37 -0.20 0.00	22.46 -0.18 0.00	23.91 -0.12 0.00	26.35 -0.13 0.00	26.85 0.05 0.00	25.94 -0.26 0.00	25.94 0.10 0.00	28.80 0.31 0.00	30.68 0.78 0.00	34.09 0.80 0.00	36.81 0.79 0.00	38.12 0.45 0.00	40.79 0.68 0.00	45.40 0.76 0.00	53.72 1.21 0.00	49.93 1.73 0.00	43.57 0.47 0.00	41.21 0.45 0.00	36.75 0.44 0.00	33.57 0.91 0.00	28.88 0.12 0.00
CARR STREET_E_SYR 24060	26.85 -0.05 0.00	25.38 -0.13 0.00	23.67 -0.17 0.00	22.42 -0.16 0.00	22.50 -0.14 0.00	23.91 -0.12 0.00	26.38 -0.11 0.00	26.64 -0.16 0.00	25.94 -0.26 0.00	25.71 -0.13 0.00	28.37 -0.11 0.00	29.90 0.00 0.00	33.30 0.00 0.00	36.06 0.04 0.00	37.59 -0.08 0.00	40.11 0.00 0.00	44.68 0.04 0.00	52.77 0.26 0.00	48.53 0.34 0.00	43.05 -0.04 0.00	40.72 -0.04 0.00	36.32 0.00 0.00	32.76 0.10 0.00	28.71 -0.06 0.00
CARTHAGE___PAPER 23857	26.15 -0.75 0.00	24.74 -0.76 0.00	23.20 -0.64 0.00	21.94 -0.63 0.00	22.03 -0.61 0.00	23.48 -0.55 0.00	25.90 -0.58 0.00	26.15 -0.64 0.00	25.34 -0.86 0.00	24.93 -0.91 0.00	27.40 -1.08 0.00	28.85 -1.05 0.00	32.03 -1.27 0.00	34.80 -1.22 0.00	36.50 -1.17 0.00	38.98 -1.12 0.00	43.52 -1.11 0.00	51.40 -1.11 0.00	47.57 -0.63 0.00	42.79 -0.30 0.00	40.56 -0.20 0.00	36.06 -0.25 0.00	32.20 -0.46 0.00	28.31 -0.46 0.00
CASSADAGA_WT_PWR 323784	27.98 1.08 0.00	26.17 0.66 0.00	24.27 0.43 0.00	23.00 0.43 0.00	23.11 0.48 0.00	24.63 0.60 0.00	27.15 0.66 0.00	27.79 0.99 0.00	26.89 0.68 0.00	26.92 1.08 0.00	29.99 1.51 0.00	32.05 2.15 0.00	35.56 2.27 0.00	38.47 2.45 0.00	39.74 2.07 -0.01	42.48 2.37 -0.01	47.19 2.54 -0.01	55.72 3.20 -0.01	51.86 3.66 -0.01	45.04 1.94 -0.01	42.64 1.88 0.00	38.02 1.71 0.00	34.91 2.25 0.00	29.80 1.03 0.00
CE_DUNWOOD___DRP 24194	28.28 1.37 0.00	26.66 1.15 0.00	24.91 1.07 0.00	23.52 0.95 0.00	23.59 0.95 0.00	25.02 0.99 0.00	27.73 1.24 0.00	28.22 1.42 0.00	27.83 1.62 0.00	27.72 1.89 0.00	30.74 2.25 0.00	32.17 2.27 0.00	35.86 2.56 0.00	38.72 2.70 0.00	40.49 2.82 0.00	43.07 2.97 0.00	48.39 3.75 0.00	56.65 4.15 0.00	51.57 3.37 0.00	46.11 3.02 0.00	43.29 2.53 0.00	38.53 2.22 0.00	34.68 2.02 0.00	30.61 1.84 0.00
CE_MILLWOOD___DRP 24193	28.22 1.32 0.00	26.60 1.10 0.00	24.86 1.03 0.00	23.48 0.90 0.00	23.54 0.91 0.00	24.99 0.96 0.00	27.67 1.19 0.00	28.16 1.37 0.00	27.75 1.55 0.00	27.64 1.81 0.00	30.62 2.14 0.00	32.08 2.18 0.00	35.76 2.46 0.00	38.61 2.59 0.00	40.34 2.67 0.00	42.95 2.85 0.00	48.21 3.57 0.00	56.50 3.99 0.00	51.42 3.23 0.00	45.98 2.89 0.00	43.16 2.40 0.00	38.46 2.14 0.00	34.59 1.93 0.00	30.55 1.78 0.00
CE_NYC2_DRP 24202	28.55 1.64 -0.01	26.92 1.40 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.21 1.18 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.12 1.91 0.00	28.08 2.25 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.36 3.06 0.00	39.23 3.21 0.00	40.94 3.28 0.00	43.56 3.45 0.00	49.01 4.37 0.00	57.39 4.88 0.00	51.95 3.76 0.00	46.45 3.36 0.00	43.65 2.89 0.00	38.82 2.51 0.00	35.12 2.45 -0.01	30.96 2.19 -0.01
CE_NYC_DRP 24195	28.41 1.51 0.00	26.78 1.28 0.00	25.01 1.17 0.00	23.63 1.06 0.00	23.70 1.06 0.00	25.16 1.13 0.00	27.91 1.43 0.00	28.40 1.61 0.00	28.09 1.89 0.00	28.03 2.20 0.00	31.11 2.62 0.00	32.53 2.63 0.00	36.26 2.96 0.00	39.19 3.17 0.00	40.94 3.28 0.00	43.56 3.45 0.00	48.97 4.33 0.00	57.34 4.83 0.00	52.00 3.81 0.00	46.45 3.36 0.00	43.65 2.89 0.00	38.82 2.51 0.00	35.01 2.35 0.00	30.84 2.07 0.00
CHAFFEE___LFGE 323603	27.33 0.43 0.00	25.56 0.05 0.00	23.72 -0.12 0.00	22.48 -0.09 0.00	22.57 -0.07 0.00	24.03 0.00 0.00	26.40 -0.08 0.00	26.96 0.16 0.00	26.13 -0.08 0.00	26.15 0.31 0.00	29.08 0.60 0.00	31.13 1.23 0.00	34.53 1.23 0.00	37.31 1.29 0.00	38.57 0.90 -0.01	41.24 1.12 -0.01	45.85 1.21 -0.01	54.19 1.68 -0.01	50.47 2.27 -0.01	43.79 0.69 -0.01	41.41 0.65 0.00	36.93 0.62 0.00	33.93 1.27 0.00	29.06 0.29 0.00
CHATEAUG_35_KV_LOAD 355732	26.80 -0.11 0.00	25.56 0.05 0.00	23.86 0.02 0.00	22.62 0.05 0.00	22.64 0.00 0.00	24.15 0.12 0.00	26.59 0.11 0.00	26.96 0.16 0.00	26.42 0.21 0.00	25.94 0.10 0.00	28.57 0.09 0.00	29.96 0.06 0.00	33.33 0.03 0.00	36.13 0.11 0.00	37.85 0.19 0.00	40.23 0.12 0.00	44.59 -0.04 0.00	52.51 0.00 0.00	48.19 0.00 0.00	43.27 0.17 0.00	40.96 0.20 0.00	36.35 0.04 0.00	32.56 -0.10 0.00	28.68 -0.09 0.00
CHATEAUG_WT_PWR 323614	26.77 -0.13 0.00	25.51 0.00 0.00	23.82 -0.02 0.00	22.57 0.00 0.00	22.59 -0.05 0.00	24.10 0.07 0.00	26.51 0.03 0.00	26.90 0.11 0.00	26.39 0.18 0.00	25.91 0.08 0.00	28.57 0.09 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.82 0.15 0.00	40.19 0.08 0.00	44.59 -0.04 0.00	52.40 -0.10 0.00	48.10 -0.10 0.00	43.40 0.30 0.00	40.88 0.12 0.00	36.28 -0.04 0.00	32.53 -0.13 0.00	28.65 -0.11 0.00
CHAT_HIGH_FALL_HYD 323578	26.80 -0.11 0.00	25.56 0.05 0.00	23.86 0.02 0.00	22.62 0.05 0.00	22.64 0.00 0.00	24.15 0.12 0.00	26.59 0.11 0.00	26.96 0.16 0.00	26.42 0.21 0.00	25.94 0.10 0.00	28.57 0.09 0.00	29.96 0.06 0.00	33.33 0.03 0.00	36.13 0.11 0.00	37.85 0.19 0.00	40.23 0.12 0.00	44.59 -0.04 0.00	52.51 0.00 0.00	48.19 0.00 0.00	43.27 0.17 0.00	40.96 0.20 0.00	36.35 0.04 0.00	32.56 -0.10 0.00	28.68 -0.09 0.00
CHAUTAUQUA___LFGE 323629	27.66 0.75 0.00	25.86 0.36 0.00	24.01 0.17 0.00	22.78 0.20 0.00	22.86 0.23 0.00	24.34 0.31 0.00	26.77 0.29 0.00	27.39 0.59 0.00	26.52 0.32 0.00	26.53 0.70 0.00	29.51 1.02 0.00	31.57 1.67 0.00	35.03 1.73 0.00	37.82 1.80 0.00	39.10 1.43 -0.01	41.88 1.76 -0.01	46.52 1.87 -0.01	55.03 2.52 -0.01	51.19 2.99 -0.01	44.39 1.29 -0.01	41.98 1.22 0.00	37.44 1.13 0.00	34.39 1.73 0.00	29.40 0.63 0.00
CHERRYST_13_KV_LD 356241	28.52 1.61 0.00	26.86 1.35 0.00	25.08 1.24 0.00	23.70 1.13 0.00	23.77 1.13 0.00	25.23 1.20 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.20 1.99 0.00	28.16 2.33 0.00	31.25 2.76 0.00	32.68 2.78 0.00	36.42 3.13 0.00	39.37 3.35 0.00	41.13 3.47 0.00	43.76 3.65 0.00	49.23 4.60 0.00	57.65 5.15 0.00	52.24 4.05 0.00	46.63 3.53 0.00	43.82 3.06 0.00	38.97 2.65 0.00	35.11 2.45 0.00	30.93 2.16 0.00

CHESTROR_138KV_BK263 355645	27.93 1.02 0.00	26.35 0.84 0.00	24.63 0.79 0.00	23.27 0.70 0.00	23.34 0.70 0.00	24.75 0.72 0.00	27.38 0.90 0.00	27.81 1.02 0.00	27.36 1.15 0.00	27.23 1.40 0.00	30.14 1.65 0.00	31.54 1.64 0.00	35.19 1.90 0.00	38.00 1.98 0.00	39.74 2.07 0.00	42.31 2.21 0.00	47.45 2.81 0.00	55.66 3.15 0.00	50.80 2.60 0.00	45.42 2.33 0.00	42.68 1.92 0.00	37.99 1.67 0.00	34.19 1.53 0.00	30.18 1.41 0.00
CH_MIDHUDSON___DRP 24192	28.17 1.26 0.00	26.58 1.07 0.00	24.84 1.00 0.00	23.48 0.90 0.00	23.54 0.91 0.00	24.94 0.91 0.00	27.62 1.14 0.00	28.03 1.23 0.00	27.60 1.39 0.00	27.44 1.60 0.00	30.34 1.85 0.00	31.75 1.85 0.00	35.46 2.16 0.00	38.29 2.27 0.00	40.07 2.41 0.00	42.63 2.53 0.00	47.80 3.17 0.00	56.08 3.57 0.00	51.18 2.99 0.00	45.85 2.76 0.00	43.04 2.28 0.00	38.31 2.00 0.00	34.46 1.80 0.00	30.44 1.67 0.00
CH_MISC_IPPS 23765	28.30 1.40 0.00	26.68 1.17 0.00	24.94 1.10 0.00	23.57 0.99 0.00	23.61 0.97 0.00	25.02 0.99 0.00	27.68 1.19 0.00	28.14 1.34 0.00	27.70 1.49 0.00	27.54 1.70 0.00	30.45 1.96 0.00	31.87 1.97 0.00	35.62 2.33 0.00	38.47 2.45 0.00	40.26 2.60 0.00	42.91 2.81 0.00	48.07 3.44 0.00	56.49 3.99 0.00	51.57 3.37 0.00	45.98 2.89 0.00	43.33 2.57 0.00	38.50 2.18 0.00	34.59 1.93 0.00	30.61 1.84 0.00
CH_RES_BVR_FALLS 23983	26.45 -0.46 0.00	25.18 -0.33 0.00	23.53 -0.31 0.00	22.30 -0.27 0.00	22.39 -0.25 0.00	23.79 -0.24 0.00	26.22 -0.26 0.00	26.53 -0.27 0.00	26.00 -0.21 0.00	25.53 -0.31 0.00	28.15 -0.34 0.00	29.51 -0.39 0.00	32.86 -0.43 0.00	35.55 -0.47 0.00	37.17 -0.49 0.00	39.58 -0.52 0.00	43.92 -0.72 0.00	51.51 -1.00 0.00	47.28 -0.92 0.00	42.58 -0.52 0.00	40.27 -0.49 0.00	35.84 -0.47 0.00	32.20 -0.46 0.00	28.39 -0.37 0.00
CH_RES_NIAGARA 23895	26.39 -0.51 0.00	24.69 -0.82 0.00	22.96 -0.88 0.00	21.74 -0.84 0.00	21.84 -0.79 0.00	23.21 -0.82 0.00	25.24 -1.24 0.00	25.91 -0.88 0.00	25.11 -1.10 0.00	25.09 -0.75 0.00	27.86 -0.63 0.00	29.75 -0.15 0.00	32.96 -0.33 0.00	35.37 -0.65 0.00	36.46 -1.21 0.00	39.23 -0.88 0.00	43.74 -0.89 0.00	51.77 -0.74 0.00	48.39 0.19 0.00	41.80 -1.29 0.00	39.37 -1.39 0.00	35.23 -1.09 0.00	32.14 -0.52 0.00	27.88 -0.89 0.00
CH_RES_SYRACUSE 23985	27.04 0.14 0.00	25.56 0.05 0.00	23.84 0.00 0.00	22.57 0.00 0.00	22.66 0.02 0.00	24.08 0.05 0.00	26.59 0.11 0.00	26.82 0.03 0.00	26.10 -0.10 0.00	25.86 0.03 0.00	28.51 0.03 0.00	30.08 0.18 0.00	33.50 0.20 0.00	36.31 0.29 0.00	37.93 0.27 0.00	40.47 0.36 0.00	45.08 0.45 0.00	53.24 0.73 0.00	48.96 0.77 0.00	43.48 0.39 0.00	41.17 0.41 0.00	36.61 0.29 0.00	32.99 0.33 0.00	28.91 0.14 0.00
CLINTON_WT_PWR 323605	26.77 -0.13 0.00	25.51 0.00 0.00	23.82 -0.02 0.00	22.57 0.00 0.00	22.59 -0.05 0.00	24.10 0.07 0.00	26.51 0.03 0.00	26.90 0.11 0.00	26.39 0.18 0.00	25.91 0.08 0.00	28.57 0.09 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.82 0.15 0.00	40.19 0.08 0.00	44.59 -0.04 0.00	52.40 -0.10 0.00	48.10 -0.10 0.00	43.40 0.30 0.00	40.88 0.12 0.00	36.28 -0.04 0.00	32.53 -0.13 0.00	28.65 -0.11 0.00
CLINTON___LFGE 323618	27.44 0.54 0.00	26.17 0.66 0.00	24.41 0.57 0.00	23.14 0.56 0.00	23.16 0.52 0.00	24.75 0.72 0.00	27.22 0.74 0.00	27.60 0.80 0.00	27.07 0.86 0.00	26.64 0.80 0.00	29.34 0.85 0.00	30.83 0.93 0.00	34.29 1.00 0.00	37.17 1.15 0.00	38.91 1.24 0.00	41.35 1.24 0.00	45.93 1.30 0.00	54.13 1.63 0.00	49.74 1.54 0.00	44.73 1.64 0.00	42.10 1.34 0.00	37.30 0.98 0.00	33.41 0.75 0.00	29.37 0.61 0.00
COBBLENY_34_KV_TB1 80064	27.34 0.43 0.00	25.56 0.05 0.00	23.72 -0.12 0.00	22.48 -0.09 0.00	22.57 -0.07 0.00	24.03 0.00 0.00	26.19 -0.29 0.00	26.96 0.16 0.00	26.13 -0.08 0.00	26.15 0.31 0.00	29.08 0.60 0.00	31.13 1.23 0.00	34.53 1.23 0.00	37.28 1.26 0.00	38.46 0.79 -0.01	41.20 1.08 -0.01	45.85 1.21 -0.01	54.25 1.73 -0.01	50.52 2.31 -0.01	43.92 0.82 -0.01	41.37 0.61 0.00	36.86 0.54 0.00	33.54 0.88 0.00	29.03 0.26 0.00
COFFEEN___115KV_TB3 355620	26.45 -0.46 0.00	24.95 -0.56 0.00	23.31 -0.52 0.00	22.05 -0.52 0.00	22.14 -0.50 0.00	23.62 -0.41 0.00	26.06 -0.42 0.00	26.29 -0.51 0.00	25.37 -0.84 0.00	25.01 -0.83 0.00	27.52 -0.97 0.00	29.00 -0.90 0.00	32.20 -1.10 0.00	34.98 -1.04 0.00	36.68 -0.98 0.00	39.26 -0.84 0.00	43.88 -0.76 0.00	51.98 -0.53 0.00	48.29 0.10 0.00	43.35 0.26 0.00	41.05 0.29 0.00	36.50 0.18 0.00	32.53 -0.13 0.00	28.57 -0.20 0.00
COLDSPRG_115KV_BK1 355956	27.98 1.08 0.00	26.17 0.66 0.00	24.27 0.43 0.00	23.03 0.45 0.00	23.11 0.48 0.00	24.66 0.62 0.00	26.99 0.50 0.00	27.84 1.05 0.00	26.94 0.73 0.00	26.97 1.14 0.00	30.05 1.57 0.00	32.11 2.21 0.00	35.63 2.33 0.00	38.58 2.56 0.00	39.74 2.07 -0.01	42.48 2.37 -0.01	47.19 2.54 -0.01	55.77 3.26 -0.01	51.77 3.57 -0.01	45.26 2.15 -0.01	42.76 2.00 0.00	38.02 1.71 0.00	34.52 1.86 0.00	29.86 1.09 0.00
COLONIE_LFGE___ 323577	27.93 1.02 0.00	26.42 0.92 0.00	24.67 0.83 0.00	23.36 0.79 0.00	23.43 0.79 0.00	24.85 0.82 0.00	27.43 0.95 0.00	27.76 0.96 0.00	27.18 0.97 0.00	26.87 1.03 0.00	29.48 1.00 0.00	30.95 1.05 0.00	34.46 1.16 0.00	37.25 1.23 0.00	38.98 1.32 0.00	41.43 1.32 0.00	46.29 1.65 0.00	54.50 1.99 0.00	50.17 1.98 0.00	44.82 1.73 0.00	42.51 1.75 0.00	37.88 1.56 0.00	33.97 1.31 0.00	30.03 1.26 0.00
COOPERNY_115KV_TB1 80082	27.69 0.78 0.00	26.15 0.64 0.00	24.44 0.60 0.00	23.09 0.52 0.00	23.16 0.52 0.00	24.58 0.55 0.00	27.14 0.66 0.00	27.55 0.75 0.00	27.05 0.84 0.00	26.87 1.03 0.00	29.71 1.22 0.00	31.16 1.26 0.00	34.73 1.43 0.00	37.53 1.51 0.00	39.25 1.58 0.00	41.79 1.68 0.00	46.78 2.14 0.00	54.92 2.42 0.00	50.22 2.02 0.00	44.86 1.77 0.00	42.19 1.43 0.00	37.59 1.27 0.00	33.84 1.18 0.00	29.83 1.06 0.00
COPENHAGEN_WT_PWR 323753	26.26 -0.65 0.00	24.79 -0.71 0.00	23.20 -0.64 0.00	21.97 -0.61 0.00	22.03 -0.61 0.00	23.50 -0.53 0.00	25.93 -0.56 0.00	26.15 -0.64 0.00	25.29 -0.92 0.00	24.96 -0.88 0.00	27.43 -1.05 0.00	28.91 -0.99 0.00	32.13 -1.17 0.00	34.87 -1.15 0.00	36.57 -1.09 0.00	39.06 -1.04 0.00	43.65 -0.98 0.00	51.61 -0.89 0.00	47.81 -0.39 0.00	42.88 -0.21 0.00	40.60 -0.16 0.00	36.14 -0.18 0.00	32.27 -0.39 0.00	28.34 -0.43 0.00
CORNELL_____ 23752	27.79 0.89 0.00	26.22 0.71 0.00	24.44 0.60 0.00	23.12 0.54 0.00	23.20 0.57 0.00	24.70 0.67 0.00	27.25 0.77 0.00	27.60 0.80 0.00	26.76 0.55 0.00	26.51 0.67 0.00	29.20 0.71 0.00	30.80 0.90 0.00	34.33 1.03 0.00	37.17 1.15 0.00	38.83 1.17 0.00	41.55 1.44 0.00	46.38 1.74 0.00	54.97 2.47 0.00	50.75 2.55 0.00	45.16 2.07 0.00	42.68 1.92 0.00	37.88 1.56 0.00	34.06 1.40 0.00	29.83 1.06 0.00

CORONA V_69_KV_TB1 355595	31.44 1.96 -2.57	27.19 1.68 0.00	25.44 1.60 0.00	23.97 1.40 0.00	23.97 1.34 0.00	25.52 1.49 0.00	28.15 1.67 0.00	28.75 1.96 0.00	28.30 2.10 0.00	28.21 2.38 0.00	34.13 2.96 -2.68	36.49 3.05 -3.54	38.18 3.43 -1.46	39.59 3.57 0.00	41.90 3.65 -0.58	44.71 3.89 -0.71	49.79 4.82 -0.33	65.68 5.57 -7.61	52.68 4.48 0.00	47.06 3.96 0.00	44.06 3.30 0.00	39.44 3.12 0.00	35.44 2.78 0.00	33.36 2.50 -2.09
CORTLAND_115KV_TB3 80093	27.55 0.65 0.00	26.02 0.51 0.00	24.27 0.43 0.00	22.96 0.38 0.00	23.04 0.41 0.00	24.51 0.48 0.00	27.04 0.56 0.00	27.36 0.56 0.00	26.60 0.39 0.00	26.33 0.49 0.00	29.03 0.54 0.00	30.59 0.69 0.00	34.09 0.80 0.00	36.92 0.90 0.00	38.57 0.90 0.00	41.23 1.12 0.00	45.97 1.34 0.00	54.34 1.84 0.00	50.12 1.93 0.00	44.60 1.51 0.00	42.15 1.39 0.00	37.48 1.16 0.00	33.67 1.01 0.00	29.54 0.78 0.00
COXSACKIE__GT 23611	28.28 1.37 0.00	26.71 1.20 0.00	24.94 1.10 0.00	23.68 1.11 0.00	23.70 1.06 0.00	25.09 1.06 0.00	27.65 1.16 0.00	27.81 1.02 0.00	27.15 0.94 0.00	26.69 0.85 0.00	29.14 0.66 0.00	30.47 0.57 0.00	34.13 0.83 0.00	36.92 0.90 0.00	38.83 1.17 0.00	41.39 1.28 0.00	46.33 1.70 0.00	55.08 2.57 0.00	51.18 2.99 0.00	45.98 2.89 0.00	43.45 2.69 0.00	38.50 2.18 0.00	34.45 1.80 0.00	30.47 1.70 0.00
CPV_VALLEY__CC1 323721	27.74 0.83 0.00	26.20 0.69 0.00	24.48 0.64 0.00	23.14 0.56 0.00	23.20 0.57 0.00	24.61 0.58 0.00	27.20 0.72 0.00	27.65 0.86 0.00	27.20 1.00 0.00	27.05 1.21 0.00	29.91 1.42 0.00	31.34 1.44 0.00	34.96 1.66 0.00	37.75 1.73 0.00	39.43 1.77 0.00	41.99 1.89 0.00	47.04 2.41 0.00	55.23 2.73 0.00	50.41 2.22 0.00	44.86 1.77 0.00	42.31 1.55 0.00	37.70 1.38 0.00	33.90 1.24 0.00	29.98 1.21 0.00
CPV_VALLEY__CC2 323722	27.74 0.83 0.00	26.20 0.69 0.00	24.48 0.64 0.00	23.14 0.56 0.00	23.20 0.57 0.00	24.61 0.58 0.00	27.20 0.72 0.00	27.65 0.86 0.00	27.20 1.00 0.00	27.05 1.21 0.00	29.91 1.42 0.00	31.34 1.44 0.00	34.96 1.66 0.00	37.75 1.73 0.00	39.43 1.77 0.00	41.99 1.89 0.00	47.04 2.41 0.00	55.23 2.73 0.00	50.41 2.22 0.00	44.86 1.77 0.00	42.31 1.55 0.00	37.70 1.38 0.00	33.90 1.24 0.00	29.98 1.21 0.00
CRESCENT__HYD 24018	27.93 1.02 0.00	26.42 0.92 0.00	24.67 0.83 0.00	23.36 0.79 0.00	23.43 0.79 0.00	24.85 0.82 0.00	27.43 0.95 0.00	27.76 0.96 0.00	27.18 0.97 0.00	26.87 1.03 0.00	29.48 1.00 0.00	30.95 1.05 0.00	34.46 1.16 0.00	37.25 1.23 0.00	38.98 1.32 0.00	41.43 1.32 0.00	46.29 1.65 0.00	54.50 1.99 0.00	50.17 1.98 0.00	44.82 1.73 0.00	42.51 1.75 0.00	37.88 1.56 0.00	33.97 1.31 0.00	30.03 1.26 0.00
CRICKET__VALLEY_CC1 323756	27.95 1.05 0.00	26.42 0.92 0.00	24.72 0.88 0.00	23.36 0.79 0.00	23.43 0.79 0.00	24.82 0.79 0.00	27.43 0.95 0.00	27.90 1.10 0.00	27.39 1.18 0.00	27.20 1.37 0.00	30.02 1.54 0.00	31.42 1.52 0.00	35.03 1.73 0.00	37.82 1.80 0.00	39.55 1.88 0.00	42.03 1.93 0.00	47.09 2.45 0.00	55.18 2.68 0.00	50.46 2.27 0.00	44.99 1.89 0.00	42.55 1.79 0.00	37.91 1.60 0.00	34.06 1.40 0.00	30.18 1.41 0.00
CRICKET__VALLEY_CC2 323757	27.95 1.05 0.00	26.42 0.92 0.00	24.72 0.88 0.00	23.36 0.79 0.00	23.43 0.79 0.00	24.82 0.79 0.00	27.43 0.95 0.00	27.90 1.10 0.00	27.39 1.18 0.00	27.20 1.37 0.00	30.02 1.54 0.00	31.42 1.52 0.00	35.03 1.73 0.00	37.82 1.80 0.00	39.55 1.88 0.00	42.03 1.93 0.00	47.09 2.45 0.00	55.18 2.68 0.00	50.46 2.27 0.00	44.99 1.89 0.00	42.55 1.79 0.00	37.91 1.60 0.00	34.06 1.40 0.00	30.18 1.41 0.00
CRICKET__VALLEY_CC3 323758	27.95 1.05 0.00	26.42 0.92 0.00	24.72 0.88 0.00	23.36 0.79 0.00	23.43 0.79 0.00	24.82 0.79 0.00	27.43 0.95 0.00	27.90 1.10 0.00	27.39 1.18 0.00	27.20 1.37 0.00	30.02 1.54 0.00	31.42 1.52 0.00	35.03 1.73 0.00	37.82 1.80 0.00	39.55 1.88 0.00	42.03 1.93 0.00	47.09 2.45 0.00	55.18 2.68 0.00	50.46 2.27 0.00	44.99 1.89 0.00	42.55 1.79 0.00	37.91 1.60 0.00	34.06 1.40 0.00	30.18 1.41 0.00
CRUCIBLE_METL_DRP 24180	27.04 0.13 0.00	25.56 0.05 0.00	23.84 0.00 0.00	22.57 0.00 0.00	22.66 0.02 0.00	24.08 0.05 0.00	26.56 0.08 0.00	26.82 0.03 0.00	26.10 -0.10 0.00	25.86 0.03 0.00	28.51 0.03 0.00	30.08 0.18 0.00	33.49 0.20 0.00	36.31 0.29 0.00	37.89 0.23 0.00	40.47 0.36 0.00	45.08 0.45 0.00	53.24 0.74 0.00	49.01 0.82 0.00	43.52 0.43 0.00	41.17 0.41 0.00	36.61 0.29 0.00	32.95 0.29 0.00	28.91 0.14 0.00
DAHOWA__HYDRO 323763	28.74 1.83 0.00	27.16 1.66 0.00	25.27 1.43 0.00	23.91 1.33 0.00	24.00 1.36 0.00	25.50 1.47 0.00	28.20 1.72 0.00	28.49 1.69 0.00	27.81 1.60 0.00	27.51 1.68 0.00	30.11 1.62 0.00	31.57 1.67 0.00	35.23 1.93 0.00	38.00 1.98 0.00	39.81 2.15 0.00	42.35 2.24 0.00	47.31 2.68 0.00	56.02 3.52 0.00	52.05 3.86 0.00	46.46 3.36 0.00	44.27 3.51 0.00	39.37 3.05 0.00	35.17 2.51 0.00	31.01 2.25 0.00
DANC__LFGE 323619	26.29 -0.62 0.00	24.84 -0.66 0.00	23.22 -0.62 0.00	21.97 -0.61 0.00	22.05 -0.59 0.00	23.48 -0.55 0.00	25.90 -0.58 0.00	26.13 -0.67 0.00	25.34 -0.86 0.00	25.04 -0.80 0.00	27.55 -0.94 0.00	29.03 -0.87 0.00	32.26 -1.03 0.00	35.01 -1.01 0.00	36.65 -1.02 0.00	39.14 -0.96 0.00	43.65 -0.98 0.00	51.61 -0.89 0.00	47.71 -0.48 0.00	42.62 -0.47 0.00	40.35 -0.41 0.00	35.95 -0.36 0.00	32.20 -0.46 0.00	28.25 -0.52 0.00
DANSKAMMER__1 23586	28.30 1.40 0.00	26.68 1.17 0.00	24.94 1.10 0.00	23.57 0.99 0.00	23.61 0.97 0.00	25.02 0.99 0.00	27.68 1.19 0.00	28.14 1.34 0.00	27.70 1.49 0.00	27.54 1.70 0.00	30.45 1.96 0.00	31.87 1.97 0.00	35.62 2.33 0.00	38.47 2.45 0.00	40.26 2.60 0.00	42.91 2.81 0.00	48.07 3.44 0.00	56.49 3.99 0.00	51.57 3.37 0.00	45.98 2.89 0.00	43.33 2.57 0.00	38.50 2.18 0.00	34.59 1.93 0.00	30.61 1.84 0.00
DANSKAMMER__2 23589	28.30 1.40 0.00	26.68 1.17 0.00	24.94 1.10 0.00	23.57 0.99 0.00	23.61 0.97 0.00	25.02 0.99 0.00	27.68 1.19 0.00	28.14 1.34 0.00	27.70 1.49 0.00	27.54 1.70 0.00	30.45 1.96 0.00	31.87 1.97 0.00	35.62 2.33 0.00	38.47 2.45 0.00	40.26 2.60 0.00	42.91 2.81 0.00	48.07 3.44 0.00	56.49 3.99 0.00	51.57 3.37 0.00	45.98 2.89 0.00	43.33 2.57 0.00	38.50 2.18 0.00	34.59 1.93 0.00	30.61 1.84 0.00
DANSKAMMER__3 23590	28.30 1.40 0.00	26.68 1.17 0.00	24.94 1.10 0.00	23.57 0.99 0.00	23.61 0.97 0.00	25.02 0.99 0.00	27.68 1.19 0.00	28.14 1.34 0.00	27.70 1.49 0.00	27.54 1.70 0.00	30.45 1.96 0.00	31.87 1.97 0.00	35.62 2.33 0.00	38.47 2.45 0.00	40.26 2.60 0.00	42.91 2.81 0.00	48.07 3.44 0.00	56.49 3.99 0.00	51.57 3.37 0.00	45.98 2.89 0.00	43.33 2.57 0.00	38.50 2.18 0.00	34.59 1.93 0.00	30.61 1.84 0.00

DANSKAMMER___4 23591	28.30 1.40 0.00	26.68 1.17 0.00	24.94 1.10 0.00	23.57 0.99 0.00	23.61 0.97 0.00	25.02 0.99 0.00	27.68 1.19 0.00	28.14 1.34 0.00	27.70 1.49 0.00	27.54 1.70 0.00	30.45 1.96 0.00	31.87 1.97 0.00	35.62 2.33 0.00	38.47 2.45 0.00	40.26 2.60 0.00	42.91 2.81 0.00	48.07 3.44 0.00	56.49 3.99 0.00	51.57 3.37 0.00	45.98 2.89 0.00	43.33 2.57 0.00	38.50 2.18 0.00	34.59 1.93 0.00	30.61 1.84 0.00
DANSKAMMER___DIESEL 23592	28.30 1.40 0.00	26.68 1.17 0.00	24.94 1.10 0.00	23.57 0.99 0.00	23.61 0.97 0.00	25.02 0.99 0.00	27.70 1.22 0.00	28.14 1.34 0.00	27.70 1.49 0.00	27.54 1.71 0.00	30.45 1.97 0.00	31.87 1.97 0.00	35.63 2.33 0.00	38.47 2.45 0.00	40.26 2.60 0.00	42.87 2.77 0.00	48.12 3.48 0.00	56.50 3.99 0.00	51.57 3.37 0.00	46.20 3.10 0.00	43.33 2.57 0.00	38.53 2.22 0.00	34.65 1.99 0.00	30.61 1.84 0.00
DARBY___SOLAR 323810	28.60 1.70 0.00	27.04 1.53 0.00	25.15 1.31 0.00	23.81 1.24 0.00	23.88 1.24 0.00	25.38 1.34 0.00	28.07 1.59 0.00	28.35 1.55 0.00	27.70 1.49 0.00	27.41 1.58 0.00	30.02 1.54 0.00	31.48 1.58 0.00	35.13 1.83 0.00	37.89 1.87 0.00	39.70 2.03 0.00	42.23 2.12 0.00	47.18 2.54 0.00	55.81 3.31 0.00	51.71 3.52 0.00	46.15 3.06 0.00	43.98 3.22 0.00	39.11 2.80 0.00	34.98 2.32 0.00	30.84 2.07 0.00
DASHVILLE___HYD 23610	27.98 1.08 0.00	26.40 0.89 0.00	24.70 0.86 0.00	23.34 0.77 0.00	23.38 0.75 0.00	24.75 0.72 0.00	27.38 0.90 0.00	27.79 0.99 0.00	27.36 1.15 0.00	27.21 1.37 0.00	30.14 1.65 0.00	31.54 1.64 0.00	35.23 1.93 0.00	38.04 2.02 0.00	39.81 2.15 0.00	42.39 2.29 0.00	47.58 2.95 0.00	55.76 3.26 0.00	50.80 2.60 0.00	45.51 2.41 0.00	42.68 1.92 0.00	37.99 1.67 0.00	34.23 1.57 0.00	30.24 1.47 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.14 2.66 -2.57	27.83 2.32 0.00	26.08 2.24 0.00	24.58 2.01 0.00	24.47 1.83 0.00	26.17 2.14 0.00	28.65 2.17 0.00	29.45 2.65 0.00	28.96 2.75 0.00	28.86 3.02 0.00	35.01 3.85 -2.68	37.56 4.13 -3.54	39.45 4.69 -1.46	41.03 5.01 0.00	42.96 5.16 -0.14	46.17 5.90 -0.16	52.08 7.10 -0.35	68.68 8.56 -7.62	55.28 7.08 0.00	49.34 6.25 0.00	45.90 5.14 0.00	40.86 4.54 0.00	36.51 3.85 0.00	34.34 3.48 -2.09
DELAWARE___LFGE 323621	27.82 0.91 0.00	26.25 0.74 0.00	24.55 0.72 0.00	23.23 0.65 0.00	23.29 0.66 0.00	24.75 0.72 0.00	27.28 0.79 0.00	27.65 0.86 0.00	26.99 0.79 0.00	26.77 0.93 0.00	29.51 1.03 0.00	31.01 1.11 0.00	34.56 1.27 0.00	37.39 1.37 0.00	39.13 1.47 0.00	41.67 1.56 0.00	46.51 1.87 0.00	54.82 2.31 0.00	50.36 2.17 0.00	44.90 1.81 0.00	42.39 1.63 0.00	37.81 1.49 0.00	33.93 1.27 0.00	29.89 1.12 0.00
DERFIELD_115KV_TB7 355931	27.04 0.13 0.00	25.61 0.10 0.00	23.93 0.10 0.00	22.66 0.09 0.00	22.73 0.09 0.00	24.13 0.10 0.00	26.59 0.11 0.00	26.90 0.11 0.00	26.31 0.10 0.00	25.99 0.16 0.00	28.63 0.14 0.00	30.08 0.18 0.00	33.49 0.20 0.00	36.24 0.22 0.00	37.89 0.23 0.00	40.35 0.24 0.00	44.99 0.36 0.00	52.93 0.42 0.00	48.58 0.39 0.00	43.40 0.30 0.00	41.00 0.24 0.00	36.57 0.25 0.00	32.89 0.23 0.00	28.97 0.20 0.00
DOGLEVILLE___HYD 23807	26.72 -0.19 0.00	25.28 -0.23 0.00	23.60 -0.24 0.00	22.35 -0.23 0.00	22.41 -0.23 0.00	23.79 -0.24 0.00	26.22 -0.26 0.00	26.53 -0.27 0.00	25.89 -0.31 0.00	25.60 -0.23 0.00	28.20 -0.28 0.00	29.63 -0.27 0.00	32.99 -0.30 0.00	35.73 -0.29 0.00	37.40 -0.26 0.00	39.78 -0.32 0.00	44.37 -0.27 0.00	52.24 -0.26 0.00	48.00 -0.19 0.00	42.84 -0.26 0.00	40.56 -0.20 0.00	36.28 -0.04 0.00	32.56 -0.10 0.00	28.71 -0.06 0.00
DUNKIRK___115KV_TB_200 55889	27.58 0.67 0.00	25.81 0.31 0.00	23.96 0.12 0.00	22.71 0.14 0.00	22.80 0.16 0.00	24.27 0.24 0.00	26.51 0.03 0.00	27.31 0.51 0.00	26.44 0.24 0.00	26.46 0.62 0.00	29.43 0.94 0.00	31.45 1.55 0.00	34.93 1.63 0.00	37.71 1.69 0.00	38.88 1.21 -0.01	41.72 1.60 -0.01	46.43 1.79 -0.01	54.93 2.42 -0.01	51.14 2.94 -0.01	44.44 1.34 -0.01	41.86 1.10 0.00	37.30 0.98 0.00	33.90 1.24 0.00	29.34 0.58 0.00
DUNKIRK___1 23563	27.58 0.67 0.00	25.81 0.31 0.00	23.96 0.12 0.00	22.71 0.14 0.00	22.80 0.16 0.00	24.27 0.24 0.00	26.51 0.03 0.00	27.31 0.51 0.00	26.44 0.24 0.00	26.46 0.62 0.00	29.43 0.94 0.00	31.45 1.55 0.00	34.93 1.63 0.00	37.71 1.69 0.00	38.88 1.21 -0.01	41.72 1.60 -0.01	46.43 1.79 -0.01	54.93 2.42 -0.01	51.14 2.94 -0.01	44.44 1.34 -0.01	41.86 1.10 0.00	37.30 0.98 0.00	33.90 1.24 0.00	29.34 0.58 0.00
DUNKIRK___2 23564	27.58 0.67 0.00	25.81 0.31 0.00	23.96 0.12 0.00	22.71 0.14 0.00	22.80 0.16 0.00	24.27 0.24 0.00	26.51 0.03 0.00	27.31 0.51 0.00	26.44 0.24 0.00	26.46 0.62 0.00	29.43 0.94 0.00	31.45 1.55 0.00	34.93 1.63 0.00	37.71 1.69 0.00	38.88 1.21 -0.01	41.72 1.60 -0.01	46.43 1.79 -0.01	54.93 2.42 -0.01	51.14 2.94 -0.01	44.44 1.34 -0.01	41.86 1.10 0.00	37.30 0.98 0.00	33.90 1.24 0.00	29.34 0.58 0.00
DUNKIRK___3 23565	27.39 0.48 0.00	25.64 0.13 0.00	23.79 -0.05 0.00	22.55 -0.02 0.00	22.64 0.00 0.00	24.10 0.07 0.00	26.32 -0.16 0.00	27.06 0.27 0.00	26.23 0.03 0.00	26.25 0.41 0.00	29.20 0.71 0.00	31.22 1.32 0.00	34.63 1.33 0.00	37.35 1.33 0.00	38.54 0.87 -0.01	41.36 1.24 -0.01	46.03 1.38 -0.01	54.46 1.94 -0.01	50.71 2.51 -0.01	44.05 0.95 -0.01	41.49 0.73 0.00	36.97 0.65 0.00	33.64 0.98 0.00	29.11 0.35 0.00
DUNKIRK___4 23566	27.39 0.48 0.00	25.64 0.13 0.00	23.79 -0.05 0.00	22.55 -0.02 0.00	22.64 0.00 0.00	24.10 0.07 0.00	26.32 -0.16 0.00	27.06 0.27 0.00	26.23 0.03 0.00	26.25 0.41 0.00	29.20 0.71 0.00	31.22 1.32 0.00	34.63 1.33 0.00	37.35 1.33 0.00	38.54 0.87 -0.01	41.36 1.24 -0.01	46.03 1.38 -0.01	54.46 1.94 -0.01	50.71 2.51 -0.01	44.05 0.95 -0.01	41.49 0.73 0.00	36.97 0.65 0.00	33.64 0.98 0.00	29.11 0.35 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.33 1.43 0.00	26.71 1.20 0.00	24.96 1.12 0.00	23.57 0.99 0.00	23.63 1.00 0.00	25.09 1.06 0.00	27.81 1.32 0.00	28.30 1.50 0.00	27.91 1.70 0.00	27.83 1.99 0.00	30.85 2.36 0.00	32.29 2.39 0.00	35.99 2.70 0.00	38.87 2.85 0.00	40.60 2.94 0.00	43.20 3.09 0.00	48.56 3.93 0.00	56.86 4.36 0.00	51.71 3.52 0.00	46.24 3.15 0.00	43.45 2.69 0.00	38.64 2.32 0.00	34.78 2.12 0.00	30.70 1.93 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.09 1.18 0.00	26.50 0.99 0.00	24.77 0.93 0.00	23.41 0.84 0.00	23.45 0.81 0.00	24.87 0.84 0.00	27.54 1.06 0.00	27.95 1.15 0.00	27.52 1.31 0.00	27.36 1.52 0.00	30.28 1.79 0.00	31.69 1.79 0.00	35.39 2.10 0.00	38.22 2.20 0.00	40.00 2.34 0.00	42.59 2.49 0.00	47.76 3.12 0.00	56.08 3.57 0.00	51.18 2.99 0.00	45.77 2.67 0.00	42.96 2.20 0.00	38.20 1.89 0.00	34.39 1.73 0.00	30.38 1.61 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	28.58 1.67 -0.01	26.97 1.45 -0.01	25.23 1.38 -0.01	23.82 1.24 -0.01	23.88 1.25 0.00	25.23 1.20 0.00	27.94 1.46 0.00	28.40 1.61 0.00	27.99 1.78 0.00	27.98 2.14 0.00	31.11 2.62 -0.01	32.53 2.63 0.00	36.19 2.90 0.00	39.08 3.06 0.00	40.79 3.13 0.00	43.40 3.29 0.00	48.88 4.24 0.00	57.34 4.83 0.00	51.76 3.57 0.00	46.33 3.23 0.00	43.49 2.73 0.00	38.68 2.36 0.00	35.18 2.51 -0.01	31.02 2.24 -0.01
E179THST_13_KV_LOAD 356214	28.74 1.83 -0.01	27.10 1.58 -0.01	25.35 1.50 -0.01	23.94 1.35 -0.01	24.00 1.36 0.00	25.33 1.30 0.00	28.07 1.59 0.00	28.54 1.74 0.00	28.15 1.94 0.00	28.14 2.30 0.00	31.29 2.79 -0.01	32.71 2.81 0.00	36.42 3.13 0.00	39.30 3.28 0.00	41.05 3.39 0.00	43.68 3.57 0.00	49.19 4.55 0.00	57.70 5.20 0.00	52.15 3.95 0.00	46.63 3.53 0.00	43.78 3.02 0.00	38.89 2.58 0.00	35.38 2.71 -0.01	31.19 2.42 -0.01
EAST HAMPTON___GT 23717	32.62 3.15 -2.57	28.26 2.76 0.00	26.51 2.67 0.00	24.99 2.42 0.00	24.86 2.22 0.00	26.58 2.55 0.00	29.05 2.57 0.00	29.90 3.11 0.00	29.40 3.20 0.00	29.32 3.49 0.00	35.64 4.47 -2.68	38.34 4.90 -3.54	40.31 5.56 -1.46	41.96 5.94 0.00	43.98 6.18 -0.14	47.17 6.90 -0.16	53.28 8.30 -0.35	70.31 10.19 -7.62	56.63 8.43 0.00	49.86 6.77 0.00	46.91 6.16 0.00	41.73 5.41 0.00	36.87 4.21 0.00	34.94 4.08 -2.09
EAST RIVER___6 23660	28.47 1.56 0.00	26.81 1.30 0.00	25.05 1.22 0.00	23.66 1.08 0.00	23.72 1.09 0.00	25.18 1.15 0.00	27.86 1.38 0.00	28.40 1.61 0.00	28.12 1.91 0.00	28.08 2.25 0.00	31.19 2.71 0.00	32.59 2.69 0.00	36.36 3.06 0.00	39.30 3.28 0.00	41.01 3.35 0.00	43.64 3.53 0.00	49.06 4.42 0.00	57.44 4.93 0.00	52.00 3.81 0.00	46.24 3.14 0.00	43.73 2.97 0.00	38.89 2.58 0.00	34.98 2.32 0.00	30.90 2.13 0.00
EAST RIVER___7 23524	28.47 1.56 0.00	26.81 1.30 0.00	25.05 1.22 0.00	23.66 1.08 0.00	23.72 1.09 0.00	25.18 1.15 0.00	27.86 1.38 0.00	28.40 1.61 0.00	28.12 1.91 0.00	28.08 2.25 0.00	31.19 2.71 0.00	32.59 2.69 0.00	36.36 3.06 0.00	39.30 3.28 0.00	41.01 3.35 0.00	43.64 3.53 0.00	49.06 4.42 0.00	57.44 4.93 0.00	52.00 3.81 0.00	46.24 3.14 0.00	43.73 2.97 0.00	38.89 2.58 0.00	34.98 2.32 0.00	30.90 2.13 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.28 1.37 0.00	26.66 1.15 0.00	24.91 1.07 0.00	23.52 0.95 0.00	23.59 0.95 0.00	25.02 0.99 0.00	27.73 1.24 0.00	28.22 1.42 0.00	27.83 1.62 0.00	27.72 1.89 0.00	30.74 2.25 0.00	32.17 2.27 0.00	35.86 2.56 0.00	38.72 2.70 0.00	40.49 2.82 0.00	43.07 2.97 0.00	48.39 3.75 0.00	56.65 4.15 0.00	51.57 3.37 0.00	46.11 3.02 0.00	43.29 2.53 0.00	38.53 2.22 0.00	34.68 2.02 0.00	30.61 1.84 0.00
EAST_HAMPTON___DIESEL 23722	32.62 3.15 -2.57	28.26 2.76 0.00	26.51 2.67 0.00	24.99 2.42 0.00	24.86 2.22 0.00	26.60 2.57 0.00	29.08 2.60 0.00	29.93 3.13 0.00	29.40 3.20 0.00	29.35 3.51 0.00	35.66 4.50 -2.68	38.34 4.90 -3.54	40.31 5.56 -1.46	41.96 5.94 0.00	43.98 6.18 -0.14	47.17 6.90 -0.16	53.33 8.34 -0.35	70.31 10.19 -7.62	56.63 8.43 0.00	49.86 6.77 0.00	46.91 6.16 0.00	41.73 5.41 0.00	36.87 4.21 0.00	34.94 4.08 -2.09
EAST_POINT___SOLAR 323840	29.68 2.77 0.00	27.96 2.45 0.00	25.99 2.15 0.00	24.58 2.01 0.00	24.70 2.06 0.00	26.32 2.28 0.00	29.11 2.62 0.00	28.67 1.88 0.00	27.10 0.89 0.00	26.69 0.85 0.00	29.37 0.88 0.00	30.77 0.87 0.00	34.26 0.97 0.00	37.14 1.12 0.00	39.02 1.35 0.00	41.31 1.20 0.00	46.20 1.56 0.00	56.39 3.89 0.00	53.59 5.40 0.00	47.32 4.23 0.00	45.57 4.81 0.00	40.75 4.43 0.00	36.35 3.69 0.00	31.88 3.11 0.00
EAST_PULASKI___ESR 323781	26.42 -0.48 0.00	24.95 -0.56 0.00	23.31 -0.52 0.00	22.08 -0.50 0.00	22.14 -0.50 0.00	23.55 -0.48 0.00	25.98 -0.50 0.00	26.21 -0.59 0.00	25.45 -0.76 0.00	25.19 -0.64 0.00	27.74 -0.74 0.00	29.24 -0.66 0.00	32.53 -0.76 0.00	35.26 -0.76 0.00	36.87 -0.79 0.00	39.22 -0.88 0.00	43.74 -0.89 0.00	51.72 -0.79 0.00	47.66 -0.53 0.00	42.45 -0.65 0.00	40.19 -0.57 0.00	35.88 -0.43 0.00	32.27 -0.39 0.00	28.28 -0.49 0.00
EAST_RIVER___1 323558	28.41 1.51 0.00	26.78 1.27 0.00	25.01 1.17 0.00	23.64 1.06 0.00	23.70 1.06 0.00	25.16 1.13 0.00	27.83 1.35 0.00	28.40 1.61 0.00	28.09 1.89 0.00	28.03 2.19 0.00	31.10 2.62 0.00	32.53 2.63 0.00	36.26 2.96 0.00	39.15 3.13 0.00	40.90 3.24 0.00	43.51 3.41 0.00	48.92 4.29 0.00	57.33 4.83 0.00	52.00 3.81 0.00	46.20 3.10 0.00	43.65 2.89 0.00	38.82 2.50 0.00	34.91 2.25 0.00	30.84 2.07 0.00
EAST_RIVER___2 323559	28.47 1.56 0.00	26.81 1.30 0.00	25.05 1.22 0.00	23.66 1.08 0.00	23.72 1.09 0.00	25.18 1.15 0.00	27.86 1.38 0.00	28.40 1.61 0.00	28.12 1.91 0.00	28.08 2.25 0.00	31.19 2.71 0.00	32.59 2.69 0.00	36.36 3.06 0.00	39.30 3.28 0.00	41.01 3.35 0.00	43.64 3.53 0.00	49.06 4.42 0.00	57.44 4.93 0.00	52.00 3.81 0.00	46.24 3.14 0.00	43.73 2.97 0.00	38.89 2.58 0.00	34.98 2.32 0.00	30.90 2.13 0.00
EAST___DELAWARE_HYD 23607	28.28 1.37 0.00	26.63 1.12 0.00	24.89 1.05 0.00	23.52 0.95 0.00	23.57 0.93 0.00	24.97 0.94 0.00	27.59 1.11 0.00	28.03 1.23 0.00	27.57 1.36 0.00	27.39 1.55 0.00	30.28 1.80 0.00	31.72 1.82 0.00	35.46 2.16 0.00	38.29 2.27 0.00	40.11 2.45 0.00	42.79 2.69 0.00	47.99 3.35 0.00	56.44 3.94 0.00	51.62 3.42 0.00	46.03 2.93 0.00	43.33 2.57 0.00	38.50 2.18 0.00	34.59 1.93 0.00	30.55 1.78 0.00
EIGHT_POINT___WT_PWR 323820	28.49 1.59 0.00	26.71 1.20 0.00	24.74 0.91 0.00	23.50 0.93 0.00	23.61 0.97 0.00	25.21 1.18 0.00	27.96 1.48 0.00	28.46 1.66 0.00	27.31 1.10 0.00	27.33 1.50 0.00	30.34 1.85 0.00	32.41 2.51 0.00	36.09 2.80 0.00	39.19 3.17 0.00	40.57 2.90 0.00	43.44 3.33 0.00	48.34 3.70 0.00	57.39 4.88 0.00	53.40 5.21 0.00	46.80 3.71 0.00	44.51 3.75 0.00	39.37 3.05 0.00	35.86 3.20 0.00	30.70 1.93 0.00
ELBRIDGE_115KV_TB2 80188	26.88 -0.03 0.00	25.41 -0.10 0.00	23.70 -0.14 0.00	22.44 -0.14 0.00	22.50 -0.14 0.00	23.91 -0.12 0.00	26.35 -0.13 0.00	26.64 -0.16 0.00	25.92 -0.29 0.00	25.71 -0.13 0.00	28.34 -0.14 0.00	29.87 -0.03 0.00	33.26 -0.03 0.00	36.02 0.00 0.00	37.59 -0.08 0.00	40.15 0.04 0.00	44.77 0.13 0.00	52.87 0.37 0.00	48.68 0.48 0.00	43.22 0.13 0.00	40.84 0.08 0.00	36.32 0.00 0.00	32.72 0.07 0.00	28.71 -0.06 0.00
ELEC_TRO_TEK 24086	31.25 1.78 -2.57	27.01 1.50 0.00	25.27 1.43 0.00	23.84 1.26 0.00	23.84 1.20 0.00	25.38 1.35 0.00	27.99 1.51 0.00	28.62 1.82 0.00	28.17 1.97 0.00	28.08 2.25 0.00	33.90 2.73 -2.68	36.25 2.81 -3.54	37.91 3.16 -1.46	39.30 3.28 0.00	41.70 3.39 -0.65	44.47 3.57 -0.79	49.43 4.46 -0.33	65.21 5.09 -7.61	52.24 4.05 0.00	46.71 3.62 0.00	43.74 2.98 0.00	39.11 2.80 0.00	35.17 2.51 0.00	33.18 2.33 -2.09

ELLENBURG_WT_PWR 323604	26.77 -0.13 0.00	25.51 0.00 0.00	23.82 -0.02 0.00	22.57 0.00 0.00	22.59 -0.05 0.00	24.10 0.07 0.00	26.51 0.03 0.00	26.90 0.11 0.00	26.39 0.18 0.00	25.91 0.08 0.00	28.57 0.09 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.82 0.15 0.00	40.19 0.08 0.00	44.59 -0.04 0.00	52.40 -0.10 0.00	48.10 -0.10 0.00	43.40 0.30 0.00	40.88 0.12 0.00	36.28 -0.04 0.00	32.53 -0.13 0.00	28.65 -0.11 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.09 0.19 0.00	25.35 -0.15 0.00	23.55 -0.29 0.00	22.33 -0.25 0.00	22.41 -0.23 0.00	23.84 -0.19 0.00	25.95 -0.53 0.00	26.69 -0.11 0.00	25.87 -0.34 0.00	25.86 0.03 0.00	28.74 0.26 0.00	30.74 0.84 0.00	34.09 0.80 0.00	36.70 0.68 0.00	37.91 0.23 -0.02	40.68 0.56 -0.02	45.32 0.67 -0.02	53.62 1.10 -0.02	49.95 1.73 -0.02	43.33 0.22 -0.02	40.80 0.04 0.00	36.39 0.07 0.00	33.15 0.49 0.00	28.74 -0.03 0.00
EMPIRE_CC_1 323656	27.47 0.57 0.00	26.04 0.54 0.00	24.36 0.52 0.00	23.07 0.50 0.00	23.13 0.50 0.00	24.51 0.48 0.00	26.96 0.48 0.00	27.28 0.48 0.00	26.81 0.60 0.00	26.48 0.65 0.00	29.03 0.54 0.00	30.44 0.54 0.00	33.93 0.63 0.00	36.67 0.65 0.00	38.38 0.71 0.00	40.71 0.60 0.00	45.48 0.85 0.00	53.40 0.89 0.00	49.01 0.82 0.00	43.83 0.73 0.00	41.49 0.73 0.00	37.08 0.76 0.00	33.28 0.62 0.00	29.46 0.69 0.00
EMPIRE_CC_2 323658	27.47 0.57 0.00	26.04 0.54 0.00	24.36 0.52 0.00	23.07 0.50 0.00	23.13 0.50 0.00	24.51 0.48 0.00	26.96 0.48 0.00	27.28 0.48 0.00	26.81 0.60 0.00	26.48 0.65 0.00	29.03 0.54 0.00	30.44 0.54 0.00	33.93 0.63 0.00	36.67 0.65 0.00	38.38 0.71 0.00	40.71 0.60 0.00	45.48 0.85 0.00	53.40 0.89 0.00	49.01 0.82 0.00	43.83 0.73 0.00	41.49 0.73 0.00	37.08 0.76 0.00	33.28 0.62 0.00	29.46 0.69 0.00
ENORWICH_115KV_TB1 80156	29.25 2.34 0.00	27.50 1.99 0.00	25.56 1.72 0.00	24.18 1.60 0.00	24.27 1.63 0.00	25.91 1.87 0.00	28.57 2.09 0.00	28.97 2.17 0.00	27.83 1.62 0.00	27.52 1.68 0.00	30.17 1.68 0.00	31.87 1.97 0.00	35.49 2.20 0.00	38.61 2.59 0.00	40.41 2.75 0.00	43.48 3.37 0.00	48.61 3.97 0.00	57.91 5.41 0.00	53.83 5.64 0.00	47.88 4.78 0.00	45.20 4.44 0.00	40.13 3.81 0.00	35.86 3.20 0.00	31.41 2.65 0.00
ERIE_ST__34_KV_TB1-2 80199	27.42 0.51 0.00	25.64 0.13 0.00	23.79 -0.05 0.00	22.53 -0.05 0.00	22.61 -0.02 0.00	24.08 0.05 0.00	26.30 -0.19 0.00	27.04 0.24 0.00	26.21 0.00 0.00	26.25 0.41 0.00	29.20 0.71 0.00	31.28 1.38 0.00	34.69 1.40 0.00	37.50 1.48 0.00	38.61 0.94 -0.01	41.32 1.20 -0.01	45.89 1.25 -0.01	54.25 1.73 -0.01	50.37 2.17 -0.01	44.01 0.90 -0.01	41.57 0.82 0.00	37.01 0.69 0.00	33.61 0.95 0.00	29.14 0.37 0.00
ERIE_WT_PWR 323693	27.28 0.38 0.00	25.51 0.00 0.00	23.70 -0.14 0.00	22.46 -0.11 0.00	22.55 -0.09 0.00	23.98 -0.05 0.00	26.35 -0.13 0.00	26.88 0.08 0.00	26.05 -0.16 0.00	26.04 0.21 0.00	28.97 0.48 0.00	30.97 1.07 0.00	34.36 1.07 0.00	37.07 1.05 0.00	38.35 0.68 -0.01	41.00 0.88 -0.01	45.63 0.98 -0.01	53.93 1.42 -0.01	50.23 2.02 -0.01	43.58 0.47 -0.01	41.17 0.41 0.00	36.75 0.44 0.00	33.77 1.11 0.00	28.94 0.17 0.00
ESPRGFLD_115KV_TB1 80157	29.08 2.18 0.00	27.37 1.86 0.00	25.51 1.67 0.00	24.11 1.54 0.00	24.20 1.56 0.00	25.81 1.78 0.00	28.50 2.01 0.00	28.70 1.90 0.00	27.73 1.52 0.00	27.41 1.58 0.00	30.22 1.74 0.00	31.78 1.88 0.00	35.39 2.10 0.00	38.36 2.34 0.00	40.19 2.52 0.00	42.71 2.61 0.00	47.72 3.08 0.00	56.86 4.36 0.00	52.77 4.58 0.00	46.89 3.79 0.00	44.43 3.67 0.00	39.69 3.38 0.00	35.50 2.84 0.00	31.16 2.39 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.77 0.86 0.00	26.20 0.69 0.00	24.41 0.57 0.00	23.09 0.52 0.00	23.18 0.54 0.00	24.68 0.65 0.00	27.22 0.74 0.00	27.57 0.78 0.00	26.73 0.52 0.00	26.48 0.65 0.00	29.14 0.66 0.00	30.74 0.84 0.00	34.26 0.97 0.00	37.10 1.08 0.00	38.76 1.09 0.00	41.47 1.36 0.00	46.29 1.65 0.00	54.82 2.31 0.00	50.65 2.46 0.00	45.03 1.94 0.00	42.59 1.83 0.00	37.81 1.49 0.00	34.00 1.34 0.00	29.77 1.01 0.00
ETNA____115KV_TB2 80207	27.77 0.86 0.00	26.20 0.69 0.00	24.41 0.57 0.00	23.09 0.52 0.00	23.18 0.54 0.00	24.68 0.65 0.00	27.22 0.74 0.00	27.57 0.78 0.00	26.73 0.52 0.00	26.48 0.65 0.00	29.14 0.66 0.00	30.74 0.84 0.00	34.26 0.97 0.00	37.10 1.08 0.00	38.76 1.09 0.00	41.47 1.36 0.00	46.29 1.65 0.00	54.82 2.31 0.00	50.65 2.46 0.00	45.03 1.94 0.00	42.59 1.83 0.00	37.81 1.49 0.00	34.00 1.34 0.00	29.77 1.01 0.00
EUCLID____115KV_TB2 356179	26.72 -0.19 0.00	25.25 -0.26 0.00	23.58 -0.26 0.00	22.33 -0.25 0.00	22.41 -0.23 0.00	23.79 -0.24 0.00	26.22 -0.26 0.00	26.50 -0.29 0.00	25.81 -0.39 0.00	25.58 -0.26 0.00	28.20 -0.28 0.00	29.75 -0.15 0.00	33.10 -0.20 0.00	35.84 -0.18 0.00	37.40 -0.26 0.00	39.95 -0.16 0.00	44.50 -0.13 0.00	52.51 0.00 0.00	48.34 0.14 0.00	42.92 -0.17 0.00	40.56 -0.20 0.00	36.10 -0.22 0.00	32.53 -0.13 0.00	28.54 -0.23 0.00
E_CANADA_CAP_HY 24051	29.62 2.72 0.00	27.90 2.40 0.00	25.96 2.12 0.00	24.56 1.99 0.00	24.65 2.01 0.00	26.29 2.26 0.00	29.08 2.60 0.00	29.05 2.25 0.00	27.91 1.70 0.00	27.51 1.68 0.00	30.28 1.80 0.00	31.78 1.88 0.00	35.39 2.10 0.00	38.36 2.34 0.00	40.26 2.60 0.00	42.51 2.41 0.00	47.54 2.90 0.00	57.13 4.62 0.00	53.40 5.21 0.00	47.32 4.23 0.00	45.20 4.44 0.00	40.53 4.21 0.00	36.19 3.53 0.00	31.76 2.99 0.00
E_CANADA_MHWK_HY 24050	26.72 -0.19 0.00	25.28 -0.23 0.00	23.60 -0.24 0.00	22.35 -0.23 0.00	22.41 -0.23 0.00	23.79 -0.24 0.00	26.22 -0.26 0.00	26.53 -0.27 0.00	25.89 -0.31 0.00	25.60 -0.23 0.00	28.20 -0.28 0.00	29.63 -0.27 0.00	32.99 -0.30 0.00	35.73 -0.29 0.00	37.40 -0.26 0.00	39.78 -0.32 0.00	44.37 -0.27 0.00	52.24 -0.26 0.00	48.00 -0.19 0.00	42.84 -0.26 0.00	40.56 -0.20 0.00	36.28 -0.04 0.00	32.56 -0.10 0.00	28.71 -0.06 0.00
E_FISHKILL____LBMP 23776	28.06 1.16 0.00	26.48 0.97 0.00	24.77 0.93 0.00	23.41 0.84 0.00	23.45 0.81 0.00	24.87 0.84 0.00	27.54 1.06 0.00	27.98 1.18 0.00	27.54 1.34 0.00	27.41 1.58 0.00	30.34 1.85 0.00	31.75 1.85 0.00	35.39 2.10 0.00	38.22 2.20 0.00	39.96 2.30 0.00	42.51 2.41 0.00	47.67 3.04 0.00	55.92 3.41 0.00	50.94 2.75 0.00	45.59 2.50 0.00	42.88 2.12 0.00	38.17 1.85 0.00	34.36 1.70 0.00	30.32 1.55 0.00
FALCON____SEABRD_CC1 323796	27.52 0.62 0.00	26.25 0.74 0.00	24.48 0.64 0.00	23.21 0.63 0.00	23.22 0.59 0.00	24.80 0.77 0.00	27.28 0.79 0.00	27.71 0.91 0.00	27.15 0.94 0.00	26.72 0.88 0.00	29.45 0.97 0.00	30.92 1.02 0.00	34.39 1.10 0.00	37.31 1.29 0.00	39.02 1.35 0.00	41.47 1.36 0.00	46.06 1.43 0.00	54.24 1.73 0.00	49.83 1.64 0.00	44.82 1.73 0.00	42.19 1.43 0.00	37.37 1.05 0.00	33.51 0.85 0.00	29.46 0.69 0.00

FALCON___SEABRD_CC2 323797	27.52 0.62 0.00	26.25 0.74 0.00	24.48 0.64 0.00	23.21 0.63 0.00	23.22 0.59 0.00	24.80 0.77 0.00	27.28 0.79 0.00	27.71 0.91 0.00	27.15 0.94 0.00	26.72 0.88 0.00	29.45 0.97 0.00	30.92 1.02 0.00	34.39 1.10 0.00	37.31 1.29 0.00	39.02 1.35 0.00	41.47 1.36 0.00	46.06 1.43 0.00	54.24 1.73 0.00	49.83 1.64 0.00	44.82 1.73 0.00	42.19 1.43 0.00	37.37 1.05 0.00	33.51 0.85 0.00	29.46 0.69 0.00
FAR ROCKAWAY___4 23548	31.71 2.23 -2.57	27.40 1.89 0.00	25.63 1.79 0.00	24.18 1.60 0.00	24.15 1.52 0.00	25.74 1.71 0.00	28.36 1.88 0.00	28.97 2.17 0.00	28.54 2.33 0.00	28.45 2.61 0.00	34.44 3.28 -2.68	36.84 3.41 -3.54	38.61 3.86 -1.46	40.09 4.07 0.00	42.29 4.14 -0.48	45.15 4.45 -0.59	50.46 5.49 -0.33	66.47 6.35 -7.61	53.40 5.20 0.00	47.66 4.57 0.00	44.63 3.87 0.00	39.91 3.60 0.00	35.83 3.17 0.00	33.67 2.82 -2.09
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.44 1.53 0.00	26.81 1.30 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.70 1.06 0.00	25.16 1.13 0.00	27.91 1.43 0.00	28.43 1.63 0.00	28.09 1.89 0.00	28.06 2.22 0.00	31.13 2.65 0.00	32.56 2.66 0.00	36.29 3.00 0.00	39.19 3.17 0.00	40.94 3.28 0.00	43.56 3.45 0.00	49.01 4.37 0.00	57.39 4.88 0.00	52.05 3.86 0.00	46.50 3.40 0.00	43.69 2.93 0.00	38.86 2.54 0.00	35.01 2.35 0.00	30.87 2.10 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.44 1.53 0.00	26.81 1.30 0.00	25.03 1.19 0.00	23.66 1.08 0.00	23.72 1.09 0.00	25.16 1.13 0.00	27.91 1.43 0.00	28.43 1.63 0.00	28.09 1.89 0.00	28.06 2.22 0.00	31.13 2.65 0.00	32.56 2.66 0.00	36.29 3.00 0.00	39.19 3.17 0.00	40.94 3.28 0.00	43.56 3.45 0.00	49.01 4.37 0.00	57.39 4.88 0.00	52.05 3.86 0.00	46.50 3.40 0.00	43.69 2.93 0.00	38.86 2.54 0.00	35.04 2.38 0.00	30.87 2.10 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.41 1.51 0.00	26.78 1.28 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.70 1.06 0.00	25.16 1.13 0.00	27.91 1.43 0.00	28.43 1.63 0.00	28.09 1.89 0.00	28.03 2.20 0.00	31.11 2.62 0.00	32.53 2.63 0.00	36.26 2.96 0.00	39.15 3.13 0.00	40.94 3.28 0.00	43.56 3.45 0.00	48.97 4.33 0.00	57.34 4.83 0.00	52.00 3.76 0.00	46.45 3.36 0.00	43.65 2.89 0.00	38.82 2.51 0.00	34.98 2.32 0.00	30.84 2.07 0.00
FARRAGUT___LBMP 323566	28.41 1.51 0.00	26.76 1.25 0.00	25.01 1.17 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.07 1.86 0.00	28.01 2.17 0.00	31.08 2.59 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.48 3.37 0.00	48.88 4.24 0.00	57.23 4.73 0.00	51.95 3.76 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.98 2.32 0.00	30.81 2.04 0.00
FENNER___WINDPWR 24204	27.60 0.70 0.00	26.07 0.56 0.00	24.32 0.48 0.00	23.00 0.43 0.00	23.09 0.45 0.00	24.56 0.53 0.00	27.09 0.61 0.00	27.39 0.59 0.00	26.62 0.42 0.00	26.33 0.49 0.00	29.00 0.51 0.00	30.56 0.66 0.00	34.03 0.73 0.00	36.88 0.86 0.00	38.61 0.94 0.00	41.23 1.12 0.00	46.02 1.39 0.00	54.34 1.84 0.00	50.07 1.88 0.00	44.60 1.51 0.00	42.19 1.43 0.00	37.55 1.24 0.00	33.70 1.04 0.00	29.57 0.80 0.00
FIBERTEK___ENERGY 23856	27.04 0.13 0.00	25.56 0.05 0.00	23.84 0.00 0.00	22.57 0.00 0.00	22.66 0.02 0.00	24.08 0.05 0.00	26.56 0.08 0.00	26.82 0.03 0.00	26.10 -0.10 0.00	25.86 0.03 0.00	28.51 0.03 0.00	30.08 0.18 0.00	33.49 0.20 0.00	36.31 0.29 0.00	37.89 0.23 0.00	40.47 0.36 0.00	45.08 0.45 0.00	53.24 0.74 0.00	49.01 0.82 0.00	43.52 0.43 0.00	41.17 0.41 0.00	36.61 0.29 0.00	32.95 0.29 0.00	28.91 0.14 0.00
FITZPATRICK____ 23598	26.31 -0.59 0.00	24.90 -0.61 0.00	23.24 -0.60 0.00	22.01 -0.56 0.00	22.09 -0.54 0.00	23.45 -0.58 0.00	25.85 -0.64 0.00	26.07 -0.72 0.00	25.42 -0.79 0.00	25.14 -0.70 0.00	27.72 -0.77 0.00	29.18 -0.72 0.00	32.46 -0.83 0.00	35.16 -0.86 0.00	36.72 -0.94 0.00	39.19 -0.92 0.00	43.65 -0.98 0.00	51.46 -1.05 0.00	47.33 -0.87 0.00	42.06 -1.03 0.00	39.78 -0.98 0.00	35.44 -0.87 0.00	31.94 -0.72 0.00	28.05 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	31.60 2.13 -2.57	27.32 1.81 0.00	25.58 1.74 0.00	24.13 1.56 0.00	24.06 1.43 0.00	25.69 1.66 0.00	28.20 1.72 0.00	28.94 2.14 0.00	28.30 2.10 0.00	28.19 2.35 0.00	34.04 2.88 -2.68	36.40 2.96 -3.54	38.21 3.46 -1.46	39.55 3.53 0.00	41.46 3.65 -0.14	44.45 4.17 -0.17	49.87 4.87 -0.37	65.91 5.78 -7.63	52.77 4.58 0.00	47.49 4.40 0.00	44.27 3.51 0.00	39.48 3.16 0.00	35.53 2.87 0.00	33.56 2.70 -2.09
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.36 1.45 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.66 1.02 0.00	25.06 1.03 0.00	27.75 1.27 0.00	28.16 1.37 0.00	27.73 1.52 0.00	27.57 1.73 0.00	30.51 2.02 0.00	31.90 2.00 0.00	35.69 2.40 0.00	38.54 2.52 0.00	40.34 2.67 0.00	42.95 2.85 0.00	48.21 3.57 0.00	56.60 4.10 0.00	51.71 3.52 0.00	46.28 3.19 0.00	43.41 2.65 0.00	38.60 2.29 0.00	34.72 2.06 0.00	30.67 1.90 0.00
FORT ORANGE____ 23900	27.44 0.54 0.00	25.97 0.46 0.00	24.24 0.40 0.00	23.03 0.45 0.00	23.09 0.45 0.00	24.44 0.41 0.00	26.91 0.42 0.00	27.25 0.46 0.00	26.70 0.50 0.00	26.40 0.57 0.00	28.97 0.48 0.00	30.38 0.48 0.00	33.86 0.57 0.00	36.63 0.61 0.00	38.38 0.71 0.00	40.79 0.68 0.00	45.57 0.94 0.00	53.71 1.21 0.00	49.40 1.21 0.00	44.13 1.03 0.00	41.82 1.06 0.00	37.22 0.91 0.00	33.38 0.72 0.00	29.51 0.75 0.00
FORT_DRUM_COGEN 23780	26.21 -0.70 0.00	24.77 -0.74 0.00	23.17 -0.67 0.00	21.94 -0.63 0.00	22.03 -0.61 0.00	23.48 -0.55 0.00	25.90 -0.58 0.00	26.15 -0.64 0.00	25.29 -0.92 0.00	24.91 -0.93 0.00	27.40 -1.08 0.00	28.88 -1.02 0.00	32.06 -1.23 0.00	34.83 -1.19 0.00	36.53 -1.13 0.00	39.02 -1.08 0.00	43.56 -1.07 0.00	51.56 -0.95 0.00	47.76 -0.43 0.00	42.88 -0.22 0.00	40.60 -0.16 0.00	36.13 -0.18 0.00	32.23 -0.42 0.00	28.31 -0.46 0.00
FOX_HILLS___ESR 323835	28.72 1.80 -0.01	27.05 1.53 -0.01	25.23 1.38 -0.01	23.80 1.22 -0.01	23.86 1.22 0.00	25.21 1.18 0.00	27.97 1.48 0.00	28.43 1.63 0.00	28.07 1.86 0.00	28.06 2.22 0.00	31.23 2.73 -0.01	32.65 2.75 0.00	36.43 3.13 -0.01	39.27 3.24 -0.01	40.94 3.28 0.00	43.60 3.49 0.00	49.10 4.46 0.00	57.55 5.04 -0.01	52.05 3.86 0.00	46.58 3.49 0.00	43.74 2.98 0.00	38.93 2.61 0.00	35.28 2.61 -0.01	31.14 2.36 -0.01
FPL FAR_ROCK_GT1 24212	31.71 2.23 -2.57	27.40 1.89 0.00	25.63 1.79 0.00	24.18 1.60 0.00	24.15 1.52 0.00	25.74 1.71 0.00	28.31 1.83 0.00	28.97 2.17 0.00	28.54 2.33 0.00	28.44 2.61 0.00	34.41 3.25 -2.68	36.84 3.41 -3.54	38.61 3.86 -1.46	40.09 4.07 0.00	42.29 4.14 -0.48	45.11 4.41 -0.59	50.37 5.40 -0.33	66.47 6.35 -7.61	53.35 5.16 0.00	47.27 4.18 0.00	44.63 3.87 0.00	39.88 3.56 0.00	35.60 2.94 0.00	33.68 2.82 -2.09

FPL FAR_ROCK_GT2 23815	31.71 2.23 -2.57	27.40 1.89 0.00	25.63 1.79 0.00	24.18 1.60 0.00	24.15 1.52 0.00	25.74 1.71 0.00	28.31 1.83 0.00	28.97 2.17 0.00	28.54 2.33 0.00	28.44 2.61 0.00	34.41 3.25 -2.68	36.84 3.41 -3.54	38.61 3.86 -1.46	40.09 4.07 0.00	42.29 4.14 -0.48	45.11 4.41 -0.59	50.37 5.40 -0.33	66.47 6.35 -7.61	53.35 5.16 0.00	47.27 4.18 0.00	44.63 3.87 0.00	39.88 3.56 0.00	35.60 2.94 0.00	33.68 2.82 -2.09
FRANKLIN_FALL_HYD 24054	26.69 -0.22 0.00	25.48 -0.03 0.00	23.77 -0.07 0.00	22.53 -0.05 0.00	22.55 -0.09 0.00	24.10 0.07 0.00	26.51 0.03 0.00	26.88 0.08 0.00	26.31 0.10 0.00	25.84 0.00 0.00	28.49 0.00 0.00	29.87 -0.03 0.00	33.23 -0.07 0.00	36.02 0.00 0.00	37.74 0.08 0.00	40.11 0.00 0.00	44.46 -0.18 0.00	52.19 -0.32 0.00	47.95 -0.24 0.00	43.18 0.09 0.00	40.88 0.12 0.00	36.24 -0.07 0.00	32.50 -0.16 0.00	28.62 -0.14 0.00
FREEPORT_EQUS_GT1 23764	31.50 2.02 -2.57	27.22 1.71 0.00	25.46 1.62 0.00	24.02 1.45 0.00	24.00 1.36 0.00	25.57 1.54 0.00	28.15 1.67 0.00	28.81 2.01 0.00	28.36 2.15 0.00	28.26 2.43 0.00	34.15 2.99 -2.68	36.55 3.11 -3.54	38.25 3.50 -1.46	39.66 3.64 0.00	41.96 3.73 -0.57	44.72 3.93 -0.68	49.66 4.69 -0.33	65.68 5.56 -7.61	52.58 4.39 0.00	46.63 3.53 0.00	44.02 3.26 0.00	39.47 3.16 0.00	35.24 2.58 0.00	33.44 2.59 -2.09
FREEPORT___CT2 23818	31.50 2.02 -2.57	27.22 1.71 0.00	25.46 1.62 0.00	24.02 1.45 0.00	24.00 1.36 0.00	25.57 1.54 0.00	28.15 1.67 0.00	28.81 2.01 0.00	28.36 2.15 0.00	28.26 2.43 0.00	34.15 2.99 -2.68	36.55 3.11 -3.54	38.25 3.50 -1.46	39.66 3.64 0.00	41.96 3.73 -0.57	44.72 3.93 -0.68	49.66 4.69 -0.33	65.68 5.56 -7.61	52.58 4.39 0.00	46.63 3.53 0.00	44.02 3.26 0.00	39.47 3.16 0.00	35.24 2.58 0.00	33.44 2.59 -2.09
FRESHKLS_33_KV_LOAD 356253	28.74 1.83 -0.01	27.05 1.53 -0.01	25.23 1.38 -0.01	23.80 1.22 -0.01	23.86 1.22 0.00	25.18 1.15 0.00	27.94 1.46 0.00	28.40 1.61 0.00	27.98 1.78 0.01	28.01 2.17 0.00	31.17 2.68 -0.01	32.59 2.69 0.00	36.40 3.10 -0.01	39.23 3.21 -0.01	40.90 3.24 0.01	43.51 3.41 0.01	49.05 4.42 0.01	57.54 5.04 0.01	52.04 3.86 0.01	46.53 3.45 0.01	43.69 2.93 0.01	38.97 2.65 0.00	35.28 2.61 -0.01	31.14 2.36 -0.01
FULTON COGEN____ 23766	26.58 -0.32 0.00	25.13 -0.38 0.00	23.46 -0.38 0.00	22.21 -0.36 0.00	22.28 -0.36 0.00	23.67 -0.36 0.00	26.09 -0.40 0.00	26.31 -0.48 0.00	25.63 -0.58 0.00	25.40 -0.44 0.00	28.00 -0.48 0.00	29.48 -0.42 0.00	32.83 -0.47 0.00	35.59 -0.43 0.00	37.14 -0.53 0.00	39.63 -0.48 0.00	44.14 -0.49 0.00	52.14 -0.37 0.00	47.95 -0.24 0.00	42.66 -0.43 0.00	40.31 -0.45 0.00	35.92 -0.40 0.00	32.33 -0.33 0.00	28.39 -0.37 0.00
FULTON___LFGE 323630	30.38 3.47 0.00	28.59 3.09 0.00	26.46 2.62 0.00	25.01 2.44 0.00	25.13 2.49 0.00	26.84 2.81 0.00	29.82 3.34 0.00	29.96 3.16 0.00	29.12 2.91 0.00	28.68 2.84 0.00	31.59 3.11 0.00	33.16 3.26 0.00	37.02 3.73 0.00	40.16 4.14 0.00	42.18 4.52 0.00	44.92 4.81 0.00	50.17 5.53 0.00	60.80 8.29 0.00	56.68 8.48 0.00	49.95 6.85 0.00	47.48 6.72 0.00	42.24 5.92 0.00	37.56 4.90 0.00	32.88 4.11 0.00
G.F.CEMENT___DRP 24184	29.03 2.13 0.00	27.45 1.94 0.00	25.48 1.64 0.00	24.11 1.54 0.00	24.18 1.54 0.00	25.74 1.71 0.00	28.52 2.04 0.00	28.78 1.98 0.00	28.15 1.94 0.00	27.85 2.02 0.00	30.39 1.91 0.00	31.90 2.00 0.00	35.59 2.30 0.00	38.33 2.31 0.00	40.19 2.52 0.00	42.79 2.69 0.00	47.80 3.17 0.00	56.71 4.20 0.00	52.82 4.63 0.00	47.23 4.14 0.00	45.04 4.28 0.00	39.98 3.67 0.00	35.66 3.00 0.00	31.39 2.62 0.00
GARDENVILLE___LBMP 24039	27.17 0.27 0.00	25.43 -0.08 0.00	23.60 -0.24 0.00	22.37 -0.20 0.00	22.46 -0.18 0.00	23.91 -0.12 0.00	26.06 -0.42 0.00	26.80 0.00 0.00	25.94 -0.26 0.00	25.97 0.13 0.00	28.86 0.37 0.00	30.86 0.96 0.00	34.23 0.93 0.00	36.88 0.86 0.00	38.05 0.38 -0.01	40.84 0.72 -0.01	45.45 0.80 -0.01	53.78 1.26 -0.01	50.13 1.93 -0.01	43.54 0.43 -0.01	41.00 0.24 0.00	36.57 0.25 0.00	33.28 0.62 0.00	28.85 0.09 0.00
GARDNVLA_35_KV_LD 355827	27.31 0.40 0.00	25.53 0.03 0.00	23.72 -0.12 0.00	22.48 -0.09 0.00	22.57 -0.07 0.00	24.01 -0.02 0.00	26.16 -0.32 0.00	26.90 0.11 0.00	26.08 -0.13 0.00	26.09 0.26 0.00	29.03 0.54 0.00	31.04 1.14 0.00	34.43 1.13 0.00	37.14 1.12 0.00	38.31 0.64 -0.01	41.08 0.96 -0.01	45.76 1.12 -0.01	54.14 1.63 -0.01	50.42 2.22 -0.01	43.75 0.65 -0.01	41.25 0.49 0.00	36.75 0.44 0.00	33.44 0.78 0.00	29.00 0.23 0.00
GELCKHM___115KV_LOAD 80723	26.69 -0.22 0.00	25.23 -0.28 0.00	23.53 -0.31 0.00	22.30 -0.27 0.00	22.37 -0.27 0.00	23.74 -0.29 0.00	26.16 -0.32 0.00	26.47 -0.32 0.00	25.79 -0.42 0.00	25.55 -0.28 0.00	28.17 -0.31 0.00	29.72 -0.18 0.00	33.06 -0.23 0.00	35.80 -0.22 0.00	37.36 -0.30 0.00	39.91 -0.20 0.00	44.50 -0.13 0.00	52.51 0.00 0.00	48.29 0.10 0.00	42.88 -0.22 0.00	40.52 -0.24 0.00	36.06 -0.25 0.00	32.46 -0.20 0.00	28.51 -0.26 0.00
GENERAL___MILLS 23808	27.26 0.35 0.00	25.48 -0.03 0.00	23.67 -0.17 0.00	22.44 -0.14 0.00	22.52 -0.11 0.00	23.96 -0.07 0.00	26.11 -0.37 0.00	26.85 0.05 0.00	26.02 -0.18 0.00	26.04 0.21 0.00	28.94 0.46 0.00	30.95 1.05 0.00	34.33 1.03 0.00	37.03 1.01 0.00	38.20 0.53 -0.01	40.96 0.84 -0.01	45.58 0.94 -0.01	53.93 1.42 -0.01	50.23 2.02 -0.01	43.62 0.52 -0.01	41.13 0.37 0.00	36.68 0.36 0.00	33.38 0.72 0.00	28.91 0.14 0.00
GE_PLASTICS___DRP 24183	27.36 0.46 0.00	25.89 0.38 0.00	24.20 0.36 0.00	22.96 0.38 0.00	23.02 0.38 0.00	24.39 0.36 0.00	26.88 0.40 0.00	27.20 0.40 0.00	26.68 0.47 0.00	26.38 0.54 0.00	29.03 0.54 0.00	30.44 0.54 0.00	33.93 0.63 0.00	36.67 0.65 0.00	38.38 0.72 0.00	40.79 0.68 0.00	45.57 0.94 0.00	53.61 1.10 0.00	49.21 1.01 0.00	44.04 0.95 0.00	41.62 0.86 0.00	37.08 0.76 0.00	33.31 0.65 0.00	29.40 0.63 0.00
GILBOA___1 23756	27.50 0.59 0.00	25.99 0.48 0.00	24.39 0.55 0.00	23.09 0.52 0.00	23.13 0.50 0.00	24.54 0.51 0.00	26.96 0.48 0.00	27.36 0.56 0.00	26.81 0.60 0.00	26.59 0.75 0.00	29.31 0.83 0.00	30.74 0.84 0.00	34.26 0.97 0.00	37.03 1.01 0.00	38.72 1.05 0.00	41.11 1.00 0.00	45.84 1.21 0.00	53.87 1.36 0.00	49.35 1.15 0.00	44.04 0.95 0.00	41.74 0.98 0.00	37.26 0.94 0.00	33.51 0.85 0.00	29.57 0.80 0.00
GILBOA___2 23757	27.50 0.59 0.00	25.99 0.48 0.00	24.39 0.55 0.00	23.09 0.52 0.00	23.13 0.50 0.00	24.54 0.51 0.00	26.96 0.48 0.00	27.36 0.56 0.00	26.81 0.60 0.00	26.59 0.75 0.00	29.31 0.83 0.00	30.74 0.84 0.00	34.26 0.97 0.00	37.03 1.01 0.00	38.72 1.05 0.00	41.11 1.00 0.00	45.84 1.21 0.00	53.87 1.36 0.00	49.35 1.15 0.00	44.04 0.95 0.00	41.74 0.98 0.00	37.26 0.94 0.00	33.51 0.85 0.00	29.57 0.80 0.00

GILBOA___3 23758	27.50 0.59 0.00	25.99 0.48 0.00	24.39 0.55 0.00	23.09 0.52 0.00	23.13 0.50 0.00	24.54 0.51 0.00	26.96 0.48 0.00	27.36 0.56 0.00	26.81 0.60 0.00	26.59 0.75 0.00	29.31 0.83 0.00	30.74 0.84 0.00	34.26 0.97 0.00	37.03 1.01 0.00	38.72 1.05 0.00	41.11 1.00 0.00	45.84 1.21 0.00	53.87 1.36 0.00	49.35 1.15 0.00	44.04 0.95 0.00	41.74 0.98 0.00	37.26 0.94 0.00	33.51 0.85 0.00	29.57 0.80 0.00
GILBOA___4 23759	27.50 0.59 0.00	25.99 0.48 0.00	24.39 0.55 0.00	23.09 0.52 0.00	23.13 0.50 0.00	24.54 0.51 0.00	26.96 0.48 0.00	27.36 0.56 0.00	26.81 0.60 0.00	26.59 0.75 0.00	29.31 0.83 0.00	30.74 0.84 0.00	34.26 0.97 0.00	37.03 1.01 0.00	38.72 1.05 0.00	41.11 1.00 0.00	45.84 1.21 0.00	53.87 1.36 0.00	49.35 1.15 0.00	44.04 0.95 0.00	41.74 0.98 0.00	37.26 0.94 0.00	33.51 0.85 0.00	29.57 0.80 0.00
GILBOA___ 23599	27.50 0.59 0.00	25.99 0.48 0.00	24.39 0.55 0.00	23.09 0.52 0.00	23.14 0.50 0.00	24.54 0.50 0.00	26.99 0.50 0.00	27.36 0.56 0.00	26.81 0.60 0.00	26.59 0.75 0.00	29.31 0.83 0.00	30.74 0.84 0.00	34.26 0.97 0.00	37.03 1.01 0.00	38.76 1.09 0.00	41.11 1.00 0.00	45.84 1.21 0.00	53.87 1.37 0.00	49.35 1.16 0.00	44.17 1.08 0.00	41.74 0.98 0.00	37.30 0.98 0.00	33.51 0.85 0.00	29.57 0.81 0.00
GINNA___ 23603	25.88 -1.02 0.00	24.33 -1.17 0.00	22.67 -1.17 0.00	21.42 -1.15 0.00	21.51 -1.13 0.00	22.93 -1.11 0.00	25.21 -1.27 0.00	25.70 -1.10 0.00	24.95 -1.26 0.00	24.83 -1.01 0.00	27.40 -1.08 0.00	29.15 -0.75 0.00	32.36 -0.93 0.00	34.97 -1.05 0.00	36.57 -1.09 0.00	39.26 -0.84 0.00	43.88 -0.76 0.00	52.19 -0.31 0.00	48.15 -0.05 0.00	42.06 -1.03 0.00	39.66 -1.10 0.00	35.23 -1.09 0.00	31.97 -0.69 0.00	27.70 -1.06 0.00
GLEN PARK___ 23778	26.34 -0.57 0.00	24.84 -0.66 0.00	23.24 -0.60 0.00	21.99 -0.59 0.00	22.07 -0.57 0.00	23.55 -0.48 0.00	25.98 -0.50 0.00	26.21 -0.59 0.00	25.29 -0.92 0.00	24.93 -0.91 0.00	27.43 -1.05 0.00	28.91 -0.99 0.00	32.10 -1.20 0.00	34.87 -1.15 0.00	36.57 -1.09 0.00	39.14 -0.96 0.00	43.74 -0.89 0.00	51.82 -0.68 0.00	48.05 -0.14 0.00	43.14 0.04 0.00	40.88 0.12 0.00	36.35 0.04 0.00	32.43 -0.23 0.00	28.45 -0.32 0.00
GLENDALE_27_KV_LOAD 356172	28.69 1.78 -0.01	27.02 1.50 -0.01	25.23 1.38 -0.01	23.82 1.24 -0.01	23.88 1.25 0.00	25.30 1.27 0.00	28.10 1.62 0.00	28.62 1.82 0.00	28.25 2.04 0.00	28.24 2.40 0.00	31.37 2.88 -0.01	32.80 2.90 0.00	36.56 3.26 0.00	39.48 3.46 0.00	41.20 3.54 0.00	43.84 3.73 0.00	49.32 4.69 0.00	57.76 5.25 0.00	52.29 4.10 0.00	46.80 3.71 0.00	43.94 3.18 0.00	39.04 2.72 0.00	35.31 2.65 -0.01	31.11 2.33 -0.01
GLENWOOD_IC_1_G5 23712	31.44 1.96 -2.57	27.17 1.66 0.00	25.41 1.57 0.00	23.97 1.40 0.00	23.97 1.34 0.00	25.52 1.49 0.00	28.15 1.67 0.00	28.78 1.98 0.00	28.36 2.15 0.00	28.26 2.43 0.00	34.18 3.02 -2.68	36.58 3.14 -3.54	38.31 3.56 -1.46	39.77 3.75 0.00	42.95 3.88 -1.40	45.63 3.81 -1.71	49.66 4.69 -0.33	65.52 5.41 -7.61	52.48 4.29 0.00	46.89 3.79 0.00	43.86 3.10 0.00	39.51 3.20 0.00	35.44 2.78 0.00	33.39 2.53 -2.09
GLENWOOD_IC_2_G1 23688	31.36 1.88 -2.57	27.12 1.61 0.00	25.37 1.53 0.00	23.93 1.35 0.00	23.90 1.27 0.00	25.45 1.42 0.00	28.04 1.56 0.00	28.70 1.90 0.00	28.28 2.07 0.00	28.19 2.35 0.00	34.04 2.88 -2.68	36.43 2.99 -3.54	38.11 3.36 -1.46	39.55 3.53 0.00	43.93 3.62 -2.65	47.11 3.77 -3.24	49.61 4.64 -0.33	65.53 5.41 -7.61	52.48 4.29 0.00	46.54 3.45 0.00	43.94 3.18 0.00	39.29 2.98 0.00	35.11 2.45 0.00	33.30 2.44 -2.09
GLENWOOD_IC_3_G1 23689	31.36 1.88 -2.57	27.12 1.61 0.00	25.37 1.53 0.00	23.93 1.35 0.00	23.90 1.27 0.00	25.45 1.42 0.00	28.04 1.56 0.00	28.70 1.90 0.00	28.28 2.07 0.00	28.19 2.35 0.00	34.04 2.88 -2.68	36.43 2.99 -3.54	38.11 3.36 -1.46	39.55 3.53 0.00	43.93 3.62 -2.65	47.11 3.77 -3.24	49.61 4.64 -0.33	65.53 5.41 -7.61	52.48 4.29 0.00	46.54 3.45 0.00	43.94 3.18 0.00	39.29 2.98 0.00	35.11 2.45 0.00	33.30 2.44 -2.09
GLENWOOD___4 23550	31.44 1.96 -2.57	27.17 1.66 0.00	25.41 1.57 0.00	23.97 1.40 0.00	23.97 1.34 0.00	25.52 1.49 0.00	28.15 1.67 0.00	28.78 1.98 0.00	28.36 2.15 0.00	28.26 2.43 0.00	34.18 3.02 -2.68	36.58 3.14 -3.54	38.31 3.56 -1.46	39.77 3.75 0.00	42.95 3.88 -1.40	45.75 3.93 -1.71	49.79 4.82 -0.33	65.68 5.57 -7.61	52.63 4.43 0.00	47.01 3.92 0.00	43.98 3.22 0.00	39.51 3.20 0.00	35.44 2.78 0.00	33.39 2.53 -2.09
GLENWOOD___5 23614	31.44 1.96 -2.57	27.17 1.66 0.00	25.41 1.57 0.00	23.97 1.40 0.00	23.97 1.34 0.00	25.52 1.49 0.00	28.15 1.67 0.00	28.78 1.98 0.00	28.36 2.15 0.00	28.26 2.43 0.00	34.18 3.02 -2.68	36.58 3.14 -3.54	38.31 3.56 -1.46	39.77 3.75 0.00	42.95 3.88 -1.40	45.75 3.93 -1.71	49.79 4.82 -0.33	65.68 5.57 -7.61	52.63 4.43 0.00	47.01 3.92 0.00	43.98 3.22 0.00	39.51 3.20 0.00	35.44 2.78 0.00	33.39 2.53 -2.09
GLOBAL GREEN_PORT_GT1 23814	32.52 3.04 -2.57	28.16 2.65 0.00	26.41 2.58 0.00	24.90 2.33 0.00	24.76 2.13 0.00	26.51 2.48 0.00	28.97 2.49 0.00	29.82 3.03 0.00	29.30 3.09 0.00	29.22 3.38 0.00	35.49 4.33 -2.68	38.16 4.72 -3.54	40.11 5.36 -1.46	41.75 5.73 0.00	43.79 5.99 -0.14	46.93 6.66 -0.16	53.01 8.03 -0.35	69.99 9.87 -7.62	56.34 8.15 0.00	49.64 6.55 0.00	46.71 5.95 0.00	41.55 5.23 0.00	36.71 4.05 0.00	34.83 3.97 -2.09
GLOBE___DSASP 323697	26.31 -0.59 0.00	24.64 -0.87 0.00	22.91 -0.93 0.00	21.69 -0.88 0.00	21.78 -0.86 0.00	23.17 -0.87 0.00	25.16 -1.32 0.00	25.83 -0.96 0.00	25.05 -1.15 0.00	25.04 -0.80 0.00	27.77 -0.71 0.00	29.66 -0.24 0.00	32.86 -0.43 0.00	35.26 -0.76 0.00	36.34 -1.32 0.00	39.10 -1.00 0.00	43.61 -1.03 0.00	51.61 -0.89 0.00	48.24 0.05 0.00	41.71 -1.38 0.00	39.29 -1.47 0.00	35.15 -1.16 0.00	32.07 -0.59 0.00	27.82 -0.95 0.00
GOETHSLN___LBMP 323567	28.25 1.35 0.00	26.63 1.12 0.00	24.91 1.07 0.00	23.52 0.95 0.00	23.59 0.95 0.00	25.04 1.01 0.00	27.75 1.27 0.00	28.27 1.47 0.00	27.96 1.76 0.00	27.90 2.07 0.00	30.99 2.51 0.00	32.41 2.51 0.00	36.09 2.80 0.00	39.01 2.99 0.00	40.75 3.09 0.00	43.32 3.21 0.00	48.70 4.06 0.00	56.97 4.46 0.00	51.66 3.47 0.00	46.15 3.06 0.00	43.41 2.65 0.00	38.64 2.32 0.00	34.81 2.16 0.00	30.70 1.93 0.00
GOLAH___69_KV_TB 1_2 80279	27.34 0.43 0.00	25.69 0.18 0.00	23.89 0.05 0.00	22.55 -0.02 0.00	22.61 -0.02 0.00	24.13 0.10 0.00	26.35 -0.13 0.00	26.98 0.19 0.00	26.13 -0.08 0.00	26.02 0.18 0.00	28.77 0.28 0.00	30.62 0.72 0.00	33.96 0.67 0.00	36.67 0.65 0.00	38.15 0.49 0.00	40.99 0.88 0.00	45.75 1.12 0.00	54.39 1.89 0.00	50.60 2.41 0.00	44.13 1.03 0.00	41.53 0.77 0.00	36.97 0.65 0.00	33.51 0.85 0.00	29.17 0.40 0.00

GOODYEAR_LAKE_HYD 323669	28.28 1.37 0.00	26.66 1.15 0.00	24.89 1.05 0.00	23.54 0.97 0.00	23.61 0.97 0.00	25.11 1.08 0.00	27.70 1.22 0.00	28.06 1.26 0.00	27.31 1.10 0.00	27.05 1.21 0.00	29.85 1.37 0.00	31.36 1.47 0.00	34.96 1.66 0.00	37.86 1.84 0.00	39.62 1.96 0.00	42.19 2.09 0.00	47.14 2.50 0.00	55.71 3.20 0.00	51.37 3.18 0.00	45.72 2.63 0.00	43.16 2.40 0.00	38.50 2.18 0.00	34.52 1.86 0.00	30.35 1.58 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.39 0.48 0.00	25.84 0.33 0.00	24.10 0.26 0.00	22.82 0.25 0.00	22.89 0.25 0.00	24.32 0.29 0.00	26.80 0.32 0.00	27.20 0.40 0.00	26.50 0.29 0.00	26.30 0.47 0.00	29.03 0.54 0.00	30.65 0.75 0.00	34.13 0.83 0.00	36.92 0.90 0.00	38.49 0.83 0.00	41.11 1.00 0.00	45.84 1.21 0.00	54.08 1.58 0.00	49.83 1.64 0.00	44.21 1.12 0.00	41.74 0.98 0.00	37.15 0.84 0.00	33.48 0.82 0.00	29.31 0.55 0.00
GOUDEY___7 23579	27.42 0.51 0.00	25.86 0.36 0.00	24.13 0.29 0.00	22.82 0.25 0.00	22.91 0.27 0.00	24.34 0.31 0.00	26.83 0.34 0.00	27.23 0.43 0.00	26.50 0.29 0.00	26.33 0.49 0.00	29.06 0.57 0.00	30.68 0.78 0.00	34.16 0.87 0.00	36.96 0.94 0.00	38.53 0.87 0.00	41.15 1.04 0.00	45.89 1.25 0.00	54.13 1.63 0.00	49.88 1.69 0.00	44.30 1.21 0.00	41.78 1.02 0.00	37.19 0.87 0.00	33.51 0.85 0.00	29.34 0.58 0.00
GOUDEY___8 23580	27.39 0.48 0.00	25.84 0.33 0.00	24.10 0.26 0.00	22.82 0.25 0.00	22.89 0.25 0.00	24.32 0.29 0.00	26.80 0.32 0.00	27.20 0.40 0.00	26.50 0.29 0.00	26.30 0.47 0.00	29.03 0.54 0.00	30.65 0.75 0.00	34.13 0.83 0.00	36.92 0.90 0.00	38.49 0.83 0.00	41.11 1.00 0.00	45.84 1.21 0.00	54.08 1.58 0.00	49.83 1.64 0.00	44.21 1.12 0.00	41.74 0.98 0.00	37.15 0.84 0.00	33.48 0.82 0.00	29.31 0.55 0.00
GOWANUS_GT1_1 24077	28.72 1.80 -0.01	27.05 1.53 -0.01	25.25 1.41 -0.01	23.82 1.24 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.15 1.94 0.00	28.14 2.30 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.05 3.39 0.00	43.68 3.57 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.67 3.58 0.00	43.82 3.06 0.00	39.00 2.69 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT1_2 24078	28.72 1.80 -0.01	27.05 1.53 -0.01	25.25 1.41 -0.01	23.82 1.24 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.15 1.94 0.00	28.14 2.30 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.05 3.39 0.00	43.68 3.57 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.67 3.58 0.00	43.82 3.06 0.00	39.00 2.69 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT1_3 24079	28.72 1.80 -0.01	27.05 1.53 -0.01	25.25 1.41 -0.01	23.82 1.24 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.15 1.94 0.00	28.14 2.30 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.05 3.39 0.00	43.68 3.57 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.67 3.58 0.00	43.82 3.06 0.00	39.00 2.69 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT1_4 24080	28.72 1.80 -0.01	27.05 1.53 -0.01	25.25 1.41 -0.01	23.82 1.24 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.15 1.94 0.00	28.14 2.30 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.05 3.39 0.00	43.68 3.57 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.67 3.58 0.00	43.82 3.06 0.00	39.00 2.69 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT1_5 24084	28.72 1.80 -0.01	27.05 1.53 -0.01	25.25 1.41 -0.01	23.82 1.24 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.15 1.94 0.00	28.14 2.30 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.05 3.39 0.00	43.68 3.57 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.67 3.58 0.00	43.82 3.06 0.00	39.00 2.69 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT1_6 24111	28.72 1.80 -0.01	27.05 1.53 -0.01	25.25 1.41 -0.01	23.82 1.24 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.15 1.94 0.00	28.14 2.30 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.05 3.39 0.00	43.68 3.57 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.67 3.58 0.00	43.82 3.06 0.00	39.00 2.69 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT1_7 24112	28.72 1.80 -0.01	27.05 1.53 -0.01	25.25 1.41 -0.01	23.82 1.24 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.15 1.94 0.00	28.14 2.30 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.05 3.39 0.00	43.68 3.57 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.67 3.58 0.00	43.82 3.06 0.00	39.00 2.69 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT1_8 24113	28.72 1.80 -0.01	27.05 1.53 -0.01	25.25 1.41 -0.01	23.82 1.24 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.15 1.94 0.00	28.14 2.30 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.05 3.39 0.00	43.68 3.57 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.67 3.58 0.00	43.82 3.06 0.00	39.00 2.69 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT2_1 24114	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
GOWANUS_GT2_2 24115	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
GOWANUS_GT2_3 24116	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01

GOWANUS_GT2_4 24117	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
GOWANUS_GT2_5 24118	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
GOWANUS_GT2_6 24119	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
GOWANUS_GT2_7 24120	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
GOWANUS_GT2_8 24121	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
GOWANUS_GT3_1 24122	28.72 1.80 -0.01	27.05 1.53 -0.01	25.25 1.41 -0.01	23.82 1.24 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.51 1.72 0.00	28.15 1.94 0.00	28.13 2.30 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.01 3.35 0.00	43.68 3.57 0.00	49.19 4.56 0.00	57.66 5.15 -0.01	52.19 4.00 0.00	46.41 3.32 0.00	43.82 3.06 0.00	38.97 2.65 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
GOWANUS_GT3_2 24123	28.72 1.80 -0.01	27.05 1.53 -0.01	25.25 1.41 -0.01	23.82 1.24 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.51 1.72 0.00	28.15 1.94 0.00	28.13 2.30 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.01 3.35 0.00	43.68 3.57 0.00	49.19 4.56 0.00	57.66 5.15 -0.01	52.19 4.00 0.00	46.41 3.32 0.00	43.82 3.06 0.00	38.97 2.65 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
GOWANUS_GT3_3 24124	28.72 1.80 -0.01	27.05 1.53 -0.01	25.25 1.41 -0.01	23.82 1.24 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1																	

GOWANUS_GT4_3 24132	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.34 2.85 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.09 3.43 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.71 3.62 0.00	43.86 3.10 0.00	39.04 2.72 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT4_4 24133	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.34 2.85 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.09 3.43 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.71 3.62 0.00	43.86 3.10 0.00	39.04 2.72 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT4_5 24134	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.34 2.85 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.09 3.43 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.71 3.62 0.00	43.86 3.10 0.00	39.04 2.72 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT4_6 24135	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.34 2.85 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.09 3.43 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.71 3.62 0.00	43.86 3.10 0.00	39.04 2.72 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT4_7 24136	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.34 2.85 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.09 3.43 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.71 3.62 0.00	43.86 3.10 0.00	39.04 2.72 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GOWANUS_GT4_8 24137	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.34 2.85 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.09 3.43 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.71 3.62 0.00	43.86 3.10 0.00	39.04 2.72 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GREENBSH_115KV_TB3 55895	27.28 0.38 0.00	25.81 0.31 0.00	24.13 0.29 0.00	22.91 0.34 0.00	22.98 0.34 0.00	24.32 0.29 0.00	26.77 0.29 0.00	27.12 0.32 0.00	26.60 0.39 0.00	26.33 0.49 0.00	28.91 0.43 0.00	30.32 0.42 0.00	33.79 0.50 0.00	36.56 0.54 0.00	38.27 0.60 0.00	40.67 0.56 0.00	45.44 0.80 0.00	53.45 0.95 0.00	49.01 0.82 0.00	43.91 0.82 0.00	41.49 0.73 0.00	37.01 0.69 0.00	33.21 0.56 0.00	29.31 0.55 0.00
GREENIDGE_115KV_TB5 80291	27.39 0.48 0.00	25.74 0.23 0.00	23.93 0.10 0.00	22.66 0.09 0.00	22.75 0.11 0.00	24.25 0.22 0.00	26.72 0.24 0.00	27.25 0.46 0.00	26.31 0.10 0.00	26.22 0.39 0.00	28.97 0.48 0.00	30.80 0.90 0.00	34.26 0.97 0.00	36.81 0.79 0.00	38.23 0.56 0.00	41.07 0.96 0.00	45.84 1.21 0.00	54.40 1.89 0.00	50.46 2.27 0.00	44.34 1.25 0.00	41.86 1.10 0.00	37.08 0.76 0.00	33.77 1.11 0.00	29.31 0.55 0.00
GREENIDGE___3 23582	27.39 0.48 0.00	25.74 0.23 0.00	23.93 0.10 0.00	22.66 0.09 0.00	22.75 0.11 0.00	24.25 0.22 0.00	26.72 0.24 0.00	27.25 0.46 0.00	26.31 0.10 0.00	26.22 0.39 0.00	28.97 0.48 0.00	30.80 0.90 0.00	34.26 0.97 0.00	36.81 0.79 0.00	38.23 0.56 0.00	41.07 0.96 0.00	45.84 1.21 0.00	54.40 1.89 0.00	50.46 2.27 0.00	44.34 1.25 0.00	41.86 1.10 0.00	37.08 0.76 0.00	33.77 1.11 0.00	29.31 0.55 0.00
GREENIDGE___4 23583	27.39 0.48 0.00	25.74 0.23 0.00	23.93 0.10 0.00	22.66 0.09 0.00	22.75 0.11 0.00	24.25 0.22 0.00	26.83 0.34 0.00	27.25 0.46 0.00	26.31 0.11 0.00	26.22 0.39 0.00	28.97 0.48 0.00	30.80 0.90 0.00	34.26 0.97 0.00	36.81 0.79 0.00	38.31 0.64 0.00	41.07 0.96 0.00	45.80 1.16 0.00	54.39 1.89 0.00	50.41 2.22 0.00	44.21 1.12 0.00	41.86 1.10 0.00	37.15 0.84 0.00	33.97 1.31 0.00	29.31 0.55 0.00
GREENLWN_69_KV_BK 3 55738	31.04 1.56 -2.57	26.78 1.28 0.00	25.05 1.22 0.00	23.63 1.06 0.00	23.61 0.97 0.00	25.16 1.13 0.00	27.73 1.24 0.00	28.38 1.58 0.00	27.94 1.73 0.00	27.83 1.99 0.00	33.61 2.45 -2.68	35.95 2.51 -3.54	37.61 2.86 -1.46	38.94 2.92 0.00	40.89 3.05 -0.17	43.64 3.33 -0.21	49.06 4.11 -0.32	64.89 4.78 -7.61	51.90 3.71 0.00	46.41 3.32 0.00	43.37 2.61 0.00	38.75 2.43 0.00	34.78 2.12 0.00	32.87 2.01 -2.09
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.34 2.85 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.09 3.43 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.71 3.62 0.00	43.86 3.10 0.00	39.04 2.72 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01
GRISSOM___SOLAR 323813	30.38 3.47 0.00	28.59 3.09 0.00	26.46 2.62 0.00	25.01 2.44 0.00	25.13 2.49 0.00	26.84 2.81 0.00	29.82 3.34 0.00	29.96 3.16 0.00	29.12 2.91 0.00	28.68 2.84 0.00	31.59 3.11 0.00	33.16 3.26 0.00	37.02 3.73 0.00	40.16 4.14 0.00	42.18 4.52 0.00	44.92 4.81 0.00	50.17 5.53 0.00	60.80 8.29 0.00	56.68 8.48 0.00	49.95 6.85 0.00	47.48 6.72 0.00	42.24 5.92 0.00	37.56 4.90 0.00	32.88 4.11 0.00
GROVEVILLE___HYD 323602	28.36 1.45 0.00	26.73 1.22 0.00	24.98 1.14 0.00	23.61 1.04 0.00	23.66 1.02 0.00	25.06 1.03 0.00	27.75 1.27 0.00	28.16 1.37 0.00	27.73 1.52 0.00	27.57 1.73 0.00	30.51 2.02 0.00	31.90 2.00 0.00	35.69 2.40 0.00	38.54 2.52 0.00	40.34 2.67 0.00	42.95 2.85 0.00	48.21 3.57 0.00	56.60 4.10 0.00	51.71 3.52 0.00	46.28 3.19 0.00	43.41 2.65 0.00	38.60 2.29 0.00	34.72 2.06 0.00	30.67 1.90 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.04 0.13 0.00	25.56 0.05 0.00	23.84 0.00 0.00	22.57 0.00 0.00	22.66 0.02 0.00	24.08 0.05 0.00	26.56 0.08 0.00	26.82 0.03 0.00	26.10 -0.10 0.00	25.86 0.03 0.00	28.51 0.03 0.00	30.08 0.18 0.00	33.49 0.20 0.00	36.31 0.29 0.00	37.89 0.23 0.00	40.47 0.36 0.00	45.08 0.45 0.00	53.24 0.74 0.00	49.01 0.82 0.00	43.52 0.43 0.00	41.17 0.41 0.00	36.61 0.29 0.00	32.95 0.29 0.00	28.91 0.14 0.00

HAMLTNNY_34_KV_TB 80303	27.04 0.13 0.00	25.56 0.05 0.00	23.84 0.00 0.00	22.57 0.00 0.00	22.64 0.00 0.00	24.06 0.02 0.00	26.54 0.05 0.00	26.82 0.03 0.00	26.10 -0.10 0.00	25.86 0.03 0.00	28.54 0.06 0.00	30.11 0.21 0.00	33.53 0.23 0.00	36.31 0.29 0.00	37.93 0.26 0.00	40.55 0.44 0.00	45.17 0.54 0.00	53.35 0.84 0.00	49.16 0.96 0.00	43.61 0.52 0.00	41.21 0.45 0.00	36.61 0.29 0.00	32.99 0.33 0.00	28.91 0.14 0.00
HAMPSHIRE___PAPER_HYD 323593	25.83 -1.08 0.00	24.54 -0.97 0.00	22.98 -0.86 0.00	21.74 -0.83 0.00	21.80 -0.84 0.00	23.24 -0.79 0.00	25.61 -0.87 0.00	25.89 -0.91 0.00	25.18 -1.02 0.00	24.70 -1.14 0.00	27.18 -1.31 0.00	28.55 -1.34 0.00	31.76 -1.53 0.00	34.44 -1.58 0.00	36.12 -1.55 0.00	38.50 -1.61 0.00	42.89 -1.74 0.00	50.20 -2.31 0.00	46.26 -1.93 0.00	41.97 -1.12 0.00	39.70 -1.06 0.00	35.30 -1.02 0.00	31.61 -1.05 0.00	27.91 -0.86 0.00
HARDSCRABBLE_WT_PWR 323673	26.82 -0.08 0.00	25.38 -0.13 0.00	23.72 -0.12 0.00	22.44 -0.13 0.00	22.52 -0.11 0.00	23.91 -0.12 0.00	26.32 -0.16 0.00	26.64 -0.16 0.00	26.02 -0.18 0.00	25.76 -0.08 0.00	28.37 -0.11 0.00	29.81 -0.09 0.00	33.20 -0.10 0.00	35.91 -0.11 0.00	37.63 -0.04 0.00	40.03 -0.08 0.00	44.59 -0.04 0.00	52.56 0.05 0.00	48.29 0.10 0.00	43.05 -0.04 0.00	40.76 0.00 0.00	36.46 0.15 0.00	32.72 0.07 0.00	28.85 0.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.14 1.24 0.00	26.55 1.05 0.00	24.82 0.98 0.00	23.43 0.86 0.00	23.50 0.86 0.00	24.92 0.89 0.00	27.59 1.11 0.00	28.00 1.21 0.00	27.60 1.39 0.00	27.46 1.63 0.00	30.42 1.94 0.00	31.84 1.94 0.00	35.56 2.26 0.00	38.36 2.34 0.00	40.19 2.52 0.00	42.79 2.69 0.00	48.03 3.39 0.00	56.34 3.83 0.00	51.42 3.23 0.00	45.98 2.89 0.00	43.08 2.32 0.00	38.35 2.03 0.00	34.49 1.83 0.00	30.47 1.70 0.00
HARSNRAD_115KV_TB1 81005	26.91 0.00 0.00	25.15 -0.36 0.00	23.39 -0.45 0.00	22.15 -0.43 0.00	22.23 -0.41 0.00	23.67 -0.36 0.00	25.71 -0.77 0.00	26.45 -0.35 0.00	25.63 -0.58 0.00	25.63 -0.21 0.00	28.43 -0.06 0.00	30.41 0.51 0.00	33.69 0.40 0.00	36.24 0.22 0.00	37.40 -0.26 0.00	40.18 0.08 0.00	44.85 0.22 0.00	53.13 0.63 0.00	49.59 1.40 0.00	42.92 -0.17 0.00	40.43 -0.33 0.00	36.10 -0.22 0.00	32.89 0.23 0.00	28.51 -0.26 0.00
HARZA MOOSE___RIVER 24016	26.99 0.08 0.00	25.51 0.00 0.00	23.91 0.07 0.00	22.64 0.07 0.00	22.71 0.07 0.00	24.18 0.14 0.00	26.64 0.16 0.00	26.96 0.16 0.00	26.18 -0.03 0.00	25.81 -0.03 0.00	28.40 -0.09 0.00	29.90 0.00 0.00	33.26 -0.03 0.00	36.09 0.07 0.00	37.85 0.19 0.00	40.43 0.32 0.00	45.13 0.49 0.00	53.29 0.79 0.00	49.21 1.01 0.00	44.00 0.90 0.00	41.62 0.86 0.00	37.01 0.69 0.00	33.12 0.46 0.00	29.14 0.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.85 -0.05 0.00	25.35 -0.15 0.00	23.67 -0.17 0.00	22.42 -0.16 0.00	22.50 -0.14 0.00	23.89 -0.14 0.00	26.32 -0.16 0.00	26.61 -0.19 0.00	25.92 -0.29 0.00	25.71 -0.13 0.00	28.34 -0.14 0.00	29.90 0.00 0.00	33.30 0.00 0.00	36.06 0.04 0.00	37.59 -0.08 0.00	40.15 0.04 0.00	44.72 0.09 0.00	52.82 0.32 0.00	48.58 0.39 0.00	43.14 0.04 0.00	40.76 0.00 0.00	36.32 0.00 0.00	32.69 0.03 0.00	28.68 -0.09 0.00
HELLGATE_13_KV_LD 55870	28.55 1.64 -0.01	26.92 1.40 -0.01	25.16 1.31 -0.01	23.76 1.17 -0.01	23.81 1.18 0.00	25.21 1.18 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.09 1.89 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.32 3.03 0.00	39.23 3.21 0.00	40.94 3.28 0.00	43.52 3.41 0.00	48.97 4.33 0.00	57.39 4.88 0.00	51.90 3.71 0.00	46.45 3.36 0.00	43.61 2.85 0.00	38.82 2.51 0.00	35.15 2.48 -0.01	30.96 2.19 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.55 1.64 -0.01	26.92 1.40 -0.01	25.16 1.31 -0.01	23.76 1.17 -0.01	23.81 1.18 0.00	25.21 1.18 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.09 1.89 0.00	28.06 2.22 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.32 3.03 0.00	39.23 3.21 0.00	40.94 3.28 0.00	43.52 3.41 0.00	48.97 4.33 0.00	57.39 4.88 0.00	51.90 3.71 0.00	46.45 3.36 0.00	43.61 2.85 0.00	38.82 2.51 0.00	35.15 2.48 -0.01	30.96 2.19 -0.01
HEMPSTEAD____ 23647	31.31 1.83 -2.57	27.04 1.53 0.00	25.29 1.45 0.00	23.86 1.29 0.00	23.84 1.20 0.00	25.40 1.37 0.00	27.96 1.48 0.00	28.64 1.85 0.00	28.20 1.99 0.00	28.11 2.27 0.00	33.96 2.79 -2.68	36.34 2.90 -3.54	38.05 3.30 -1.46	39.44 3.42 0.00	41.97 3.46 -0.85	44.75 3.61 -1.03	49.39 4.42 -0.33	65.32 5.20 -7.61	52.29 4.09 0.00	46.33 3.23 0.00	43.73 2.97 0.00	39.18 2.87 0.00	34.98 2.32 0.00	33.21 2.36 -2.09
HEWLETT_69_KV_BK3 55828	31.55 2.07 -2.57	27.27 1.76 0.00	25.51 1.67 0.00	24.06 1.49 0.00	24.04 1.40 0.00	25.62 1.59 0.00	28.23 1.75 0.00	28.83 2.04 0.00	28.41 2.20 0.00	28.32 2.48 0.00	34.24 3.08 -2.68	36.64 3.20 -3.54	38.35 3.60 -1.46	39.80 3.78 0.00	41.99 3.84 -0.48	44.83 4.13 -0.59	50.06 5.09 -0.33	66.00 5.88 -7.61	53.01 4.82 0.00	47.32 4.22 0.00	44.31 3.55 0.00	39.62 3.30 0.00	35.60 2.94 0.00	33.50 2.65 -2.09
HICKLING___1 23621	27.23 0.32 0.00	25.56 0.05 0.00	23.74 -0.10 0.00	22.48 -0.09 0.00	22.59 -0.05 0.00	24.06 0.02 0.00	26.43 -0.05 0.00	27.04 0.24 0.00	26.10 -0.10 0.00	26.09 0.26 0.00	28.97 0.48 0.00	30.86 0.96 0.00	34.33 1.03 0.00	37.10 1.08 0.00	38.34 0.68 0.00	41.23 1.12 0.00	45.89 1.25 0.00	54.40 1.89 0.00	50.51 2.31 0.00	44.26 1.16 0.00	41.70 0.94 0.00	37.01 0.69 0.00	33.57 0.91 0.00	29.08 0.32 0.00
HICKLING___2 23622	27.23 0.32 0.00	25.56 0.05 0.00	23.74 -0.10 0.00	22.48 -0.09 0.00	22.59 -0.05 0.00	24.06 0.02 0.00	26.43 -0.05 0.00	27.04 0.24 0.00	26.10 -0.10 0.00	26.09 0.26 0.00	28.97 0.48 0.00	30.86 0.96 0.00	34.33 1.03 0.00	37.10 1.08 0.00	38.34 0.68 0.00	41.23 1.12 0.00	45.89 1.25 0.00	54.40 1.89 0.00	50.51 2.31 0.00	44.26 1.16 0.00	41.70 0.94 0.00	37.01 0.69 0.00	33.57 0.91 0.00	29.08 0.32 0.00
HIGH FALLS___HY 23754	28.30 1.40 0.00	26.66 1.15 0.00	24.94 1.10 0.00	23.54 0.97 0.00	23.59 0.95 0.00	24.99 0.96 0.00	27.67 1.19 0.00	28.11 1.31 0.00	27.70 1.49 0.00	27.57 1.73 0.00	30.54 2.05 0.00	31.96 2.06 0.00	35.73 2.43 0.00	38.58 2.56 0.00	40.41 2.75 0.00	43.07 2.97 0.00	48.39 3.75 0.00	56.76 4.25 0.00	51.76 3.57 0.00	46.37 3.28 0.00	43.37 2.61 0.00	38.53 2.22 0.00	34.68 2.02 0.00	30.64 1.87 0.00
HIGH_RIVER___SOLAR 323847	28.22 1.32 0.00	26.66 1.15 0.00	24.84 1.00 0.00	23.52 0.95 0.00	23.59 0.95 0.00	25.06 1.03 0.00	27.68 1.19 0.00	27.81 1.02 0.00	27.07 0.86 0.00	26.56 0.72 0.00	29.14 0.66 0.00	30.56 0.66 0.00	34.06 0.77 0.00	36.85 0.83 0.00	38.61 0.94 0.00	41.27 1.16 0.00	46.24 1.60 0.00	55.29 2.78 0.00	51.09 2.89 0.00	45.42 2.33 0.00	43.25 2.49 0.00	38.53 2.22 0.00	34.52 1.86 0.00	30.41 1.64 0.00

HILLBURN___GT 23639	28.14 1.24 0.00	26.53 1.02 0.00	24.79 0.95 0.00	23.43 0.86 0.00	23.48 0.84 0.00	24.92 0.89 0.00	27.54 1.06 0.00	28.06 1.26 0.00	27.65 1.44 0.00	27.57 1.73 0.00	30.54 2.05 0.00	31.96 2.06 0.00	35.66 2.36 0.00	38.47 2.45 0.00	40.19 2.52 0.00	42.84 2.73 0.00	48.03 3.39 0.00	56.34 3.83 0.00	51.32 3.13 0.00	45.64 2.54 0.00	43.00 2.24 0.00	38.31 2.00 0.00	34.42 1.76 0.00	30.44 1.67 0.00
HILLSIDE_115KV_TB1 80332	26.80 -0.11 0.00	25.13 -0.38 0.00	23.36 -0.48 0.00	22.12 -0.45 0.00	22.23 -0.41 0.00	23.67 -0.36 0.00	25.98 -0.50 0.00	26.61 -0.19 0.00	25.71 -0.50 0.00	25.71 -0.13 0.00	28.54 0.06 0.00	30.38 0.48 0.00	33.76 0.47 0.00	36.49 0.47 0.00	37.74 0.08 0.00	40.55 0.44 0.00	45.13 0.49 0.00	53.40 0.89 0.00	49.55 1.35 0.00	43.44 0.34 0.00	40.92 0.16 0.00	36.35 0.04 0.00	32.99 0.33 0.00	28.57 -0.20 0.00
HISHELDN_WT_PWR 323625	27.10 0.19 0.00	25.36 -0.15 0.00	23.55 -0.29 0.00	22.33 -0.25 0.00	22.41 -0.23 0.00	23.84 -0.19 0.00	26.22 -0.26 0.00	26.72 -0.08 0.00	25.87 -0.34 0.00	25.86 0.03 0.00	28.74 0.26 0.00	30.71 0.81 0.00	34.06 0.77 0.00	36.70 0.68 0.00	38.01 0.34 0.00	40.67 0.56 0.00	45.26 0.62 0.00	53.56 1.05 0.00	49.84 1.64 0.00	43.27 0.17 0.00	40.92 0.16 0.00	36.54 0.22 0.00	33.51 0.85 0.00	28.77 0.00 0.00
HOLTSVILLE_IC_1 23690	31.47 1.99 -2.57	27.24 1.74 0.00	25.48 1.64 0.00	24.04 1.47 0.00	23.97 1.34 0.00	25.59 1.56 0.00	28.10 1.62 0.00	28.86 2.06 0.00	28.30 2.10 0.00	28.16 2.33 0.00	33.96 2.79 -2.68	36.22 2.78 -3.54	37.95 3.20 -1.46	39.19 3.17 0.00	41.04 3.24 -0.13	43.84 3.57 -0.16	49.40 4.42 -0.34	65.43 5.30 -7.62	52.34 4.15 0.00	46.41 3.32 0.00	43.90 3.14 0.00	39.15 2.83 0.00	34.88 2.22 0.00	33.36 2.50 -2.09
HOLTSVILLE_IC_10 23699	31.60 2.13 -2.57	27.35 1.84 0.00	25.60 1.76 0.00	24.15 1.58 0.00	24.09 1.45 0.00	25.71 1.68 0.00	28.20 1.72 0.00	28.99 2.20 0.00	28.41 2.20 0.00	28.29 2.46 0.00	34.13 2.96 -2.68	36.45 3.02 -3.54	38.21 3.46 -1.46	39.55 3.53 0.00	41.42 3.62 -0.14	44.29 4.01 -0.17	49.85 4.87 -0.35	66.01 5.88 -7.62	52.82 4.63 0.00	46.80 3.71 0.00	44.30 3.54 0.00	39.45 3.12 -0.01	35.11 2.45 0.00	33.56 2.70 -2.09
HOLTSVILLE_IC_2 23691	31.47 1.99 -2.57	27.24 1.74 0.00	25.48 1.64 0.00	24.04 1.47 0.00	23.97 1.34 0.00	25.59 1.56 0.00	28.10 1.62 0.00	28.86 2.06 0.00	28.30 2.10 0.00	28.16 2.33 0.00	33.96 2.79 -2.68	36.22 2.78 -3.54	37.95 3.20 -1.46	39.19 3.17 0.00	41.04 3.24 -0.13	43.84 3.57 -0.16	49.40 4.42 -0.34	65.43 5.30 -7.62	52.34 4.15 0.00	46.41 3.32 0.00	43.90 3.14 0.00	39.15 2.83 0.00	34.88 2.22 0.00	33.36 2.50 -2.09
HOLTSVILLE_IC_3 23692	31.47 1.99 -2.57	27.24 1.74 0.00	25.48 1.64 0.00	24.04 1.47 0.00	23.97 1.34 0.00	25.59 1.56 0.00	28.10 1.62 0.00	28.86 2.06 0.00	28.30 2.10 0.00	28.16 2.33 0.00	33.96 2.79 -2.68	36.22 2.78 -3.54	37.95 3.20 -1.46	39.19 3.17 0.00	41.04 3.24 -0.13	43.84 3.57 -0.16	49.40 4.42 -0.34	65.43 5.30 -7.62	52.34 4.15 0.00	46.41 3.32 0.00	43.90 3.14 0.00	39.15 2.83 0.00	34.88 2.22 0.00	33.36 2.50 -2.09
HOLTSVILLE_IC_4 23693	31.47 1.99 -2.57	27.24 1.74 0.00	25.48 1.64 0.00	24.04 1.47 0.00	23.97 1.34 0.00	25.59 1.56 0.00	28.10 1.62 0.00	28.86 2.06 0.00	28.30 2.10 0.00	28.16 2.33 0.00	33.96 2.79 -2.68	36.22 2.78 -3.54	37.95 3.20 -1.46	39.19 3.17 0.00	41.04 3.24 -0.13	43.84 3.57 -0.16	49.40 4.42 -0.34	65.43 5.30 -7.62	52.34 4.15 0.00	46.41 3.32 0.00	43.90 3.14 0.00	39.15 2.83 0.00	34.88 2.22 0.00	33.36 2.50 -2.09
HOLTSVILLE_IC_5 23694	31.47 1.99 -2.57	27.24 1.74 0.00	25.48 1.64 0.00	24.04 1.47 0.00	23.97 1.34 0.00	25.59 1.56 0.00	28.10 1.62 0.00	28.86 2.06 0.00	28.30 2.10 0.00	28.16 2.33 0.00	33.96 2.79 -2.68	36.22 2.78 -3.54	37.95 3.20 -1.46	39.19 3.17 0.00	41.04 3.24 -0.13	43.84 3.57 -0.16	49.40 4.42 -0.34	65.43 5.30 -7.62	52.34 4.15 0.00	46.41 3.32 0.00	43.90 3.14 0.00	39.15 2.83 0.00	34.88 2.22 0.00	33.36 2.50 -2.09
HOLTSVILLE_IC_6 23695	31.60 2.13 -2.57	27.35 1.84 0.00	25.60 1.76 0.00	24.15 1.58 0.00	24.09 1.45 0.00	25.71 1.68 0.00	28.20 1.72 0.00	28.99 2.20 0.00	28.41 2.20 0.00	28.29 2.46 0.00	34.13 2.96 -2.68	36.45 3.02 -3.54	38.21 3.46 -1.46	39.55 3.53 0.00	41.42 3.62 -0.14	44.29 4.01 -0.17	49.85 4.87 -0.35	66.01 5.88 -7.62	52.82 4.63 0.00	46.80 3.71 0.00	44.30 3.54 0.00	39.45 3.12 -0.01	35.11 2.45 0.00	33.56 2.70 -2.09
HOLTSVILLE_IC_7 23696	31.60 2.13 -2.57	27.35 1.84 0.00	25.60 1.76 0.00	24.15 1.58 0.00	24.09 1.45 0.00	25.71 1.68 0.00	28.20 1.72 0.00	28.99 2.20 0.00	28.41 2.20 0.00	28.29 2.46 0.00	34.13 2.96 -2.68	36.45 3.02 -3.54	38.21 3.46 -1.46	39.55 3.53 0.00	41.42 3.62 -0.14	44.29 4.01 -0.17	49.85 4.87 -0.35	66.01 5.88 -7.62	52.82 4.63 0.00	46.80 3.71 0.00	44.30 3.54 0.00	39.45 3.12 -0.01	35.11 2.45 0.00	33.56 2.70 -2.09
HOLTSVILLE_IC_8 23697	31.60 2.13 -2.57	27.35 1.84 0.00	25.60 1.76 0.00	24.15 1.58 0.00	24.09 1.45 0.00	25.71 1.68 0.00	28.20 1.72 0.00	28.99 2.20 0.00	28.41 2.20 0.00	28.29 2.46 0.00	34.13 2.96 -2.68	36.45 3.02 -3.54	38.21 3.46 -1.46	39.55 3.53 0.00	41.42 3.62 -0.14	44.29 4.01 -0.17	49.85 4.87 -0.35	66.01 5.88 -7.62	52.82 4.63 0.00	46.80 3.71 0.00	44.30 3.54 0.00	39.45 3.12 -0.01	35.11 2.45 0.00	33.56 2.70 -2.09
HOLTSVILLE_IC_9 23698	31.60 2.13 -2.57	27.35 1.84 0.00	25.60 1.76 0.00	24.15 1.58 0.00	24.09 1.45 0.00	25.71 1.68 0.00	28.20 1.72 0.00	28.99 2.20 0.00	28.41 2.20 0.00	28.29 2.46 0.00	34.13 2.96 -2.68	36.45 3.02 -3.54	38.21 3.46 -1.46	39.55 3.53 0.00	41.42 3.62 -0.14	44.29 4.01 -0.17	49.85 4.87 -0.35	66.01 5.88 -7.62	52.82 4.63 0.00	46.80 3.71 0.00	44.30 3.54 0.00	39.45 3.12 -0.01	35.11 2.45 0.00	33.56 2.70 -2.09
HOMER_HL_115KV_TB2 355744	27.23 0.32 0.00	25.48 -0.03 0.00	23.67 -0.17 0.00	22.44 -0.14 0.00	22.52 -0.11 0.00	23.98 -0.05 0.00	26.27 -0.21 0.00	26.98 0.19 0.00	26.10 -0.10 0.00	26.15 0.31 0.00	29.11 0.63 0.00	31.10 1.20 0.00	34.53 1.23 0.00	37.35 1.33 0.00	38.35 0.68 -0.01	41.00 0.88 -0.01	45.45 0.80 -0.01	53.77 1.26 -0.01	49.79 1.59 -0.01	43.88 0.78 -0.01	41.45 0.69 0.00	36.90 0.58 0.00	33.48 0.82 0.00	29.00 0.23 0.00
HOWARD_WT_PWR 323690	28.47 1.56 0.00	26.68 1.17 0.00	24.74 0.91 0.00	23.48 0.90 0.00	23.59 0.95 0.00	25.18 1.15 0.00	27.94 1.46 0.00	28.43 1.63 0.00	27.28 1.07 0.00	27.31 1.47 0.00	30.31 1.82 0.00	32.38 2.48 0.00	36.06 2.76 0.00	39.15 3.13 0.00	40.49 2.83 0.00	43.40 3.29 0.00	48.30 3.66 0.00	57.29 4.78 0.00	53.36 5.16 0.00	46.72 3.62 0.00	44.47 3.71 0.00	39.29 2.98 0.00	35.79 3.14 0.00	30.67 1.90 0.00

HQ_GEN_CEDARS 23644	26.50 -0.40 0.00	25.30 -0.20 0.00	23.65 -0.19 0.00	22.39 -0.18 0.00	22.43 -0.20 0.00	23.89 -0.14 0.00	26.27 -0.21 0.00	26.56 -0.24 0.00	25.97 -0.24 0.00	25.40 -0.44 0.00	27.97 -0.51 0.00	29.30 -0.60 0.00	32.60 -0.70 0.00	35.34 -0.68 0.00	36.99 -0.68 0.00	39.30 -0.80 0.00	43.39 -1.25 0.00	50.35 -2.15 0.00	46.22 -1.98 0.00	42.23 -0.86 0.00	40.11 -0.65 0.00	35.66 -0.65 0.00	32.04 -0.62 0.00	28.28 -0.49 0.00
HQ_GEN_CEDARS_PROXY 323590	26.50 -0.40 0.00	25.30 -0.20 0.00	23.65 -0.19 0.00	22.39 -0.18 0.00	22.43 -0.20 0.00	23.89 -0.14 0.00	26.27 -0.21 0.00	26.55 -0.24 0.00	25.97 -0.24 0.00	25.40 -0.44 0.00	27.97 -0.51 0.00	29.30 -0.60 0.00	32.59 -0.70 0.00	35.33 -0.69 0.00	36.99 -0.68 0.00	39.30 -0.80 0.00	44.06 -1.07 -0.50	49.85 -2.15 0.50	46.22 -1.98 0.00	42.45 -0.65 0.00	40.11 -0.65 0.00	35.66 -0.65 0.00	32.04 -0.62 0.00	28.28 -0.49 0.00
HQ_GEN_IMPORT 323601	26.61 -0.30 0.00	25.33 -0.18 0.00	23.70 -0.14 0.00	22.44 -0.13 0.00	22.48 -0.16 0.00	23.89 -0.14 0.00	26.32 -0.16 0.00	26.61 -0.19 0.00	26.05 -0.16 0.00	25.50 -0.34 0.00	28.09 -0.40 0.00	29.42 -0.48 0.00	32.76 -0.53 0.00	35.48 -0.54 0.00	37.10 -0.56 0.00	39.46 -0.64 0.00	44.24 -0.89 -0.50	50.85 -1.16 0.50	47.09 -1.11 0.00	42.49 -0.60 0.00	40.15 -0.61 0.00	35.77 -0.54 0.00	32.14 -0.52 0.00	28.34 -0.43 0.00
HQ_GEN_WHEEL 23651	26.61 -0.30 0.00	25.33 -0.18 0.00	23.70 -0.14 0.00	22.44 -0.13 0.00	22.48 -0.16 0.00	23.89 -0.14 0.00	26.32 -0.16 0.00	26.61 -0.19 0.00	26.05 -0.16 0.00	25.50 -0.34 0.00	28.09 -0.40 0.00	29.42 -0.48 0.00	32.76 -0.53 0.00	35.48 -0.54 0.00	37.10 -0.56 0.00	39.46 -0.64 0.00	44.24 -0.89 -0.50	50.85 -1.16 0.50	47.09 -1.11 0.00	42.49 -0.60 0.00	40.15 -0.61 0.00	35.77 -0.54 0.00	32.14 -0.52 0.00	28.34 -0.43 0.00
HUDSON AVE_GT_3 23810	28.44 1.53 0.00	26.81 1.30 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.72 1.09 0.00	25.16 1.13 0.00	27.91 1.43 0.00	28.43 1.63 0.00	28.12 1.91 0.00	28.06 2.22 0.00	31.13 2.65 0.00	32.56 2.66 0.00	36.29 3.00 0.00	39.23 3.21 0.00	40.98 3.31 0.00	43.60 3.49 0.00	49.01 4.37 0.00	57.39 4.88 0.00	52.05 3.86 0.00	46.50 3.40 0.00	43.69 2.93 0.00	38.86 2.54 0.00	35.04 2.38 0.00	30.87 2.10 0.00
HUDSON AVE_GT_4 23540	28.44 1.53 0.00	26.81 1.30 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.72 1.09 0.00	25.16 1.13 0.00	27.91 1.43 0.00	28.43 1.63 0.00	28.12 1.91 0.00	28.06 2.22 0.00	31.13 2.65 0.00	32.56 2.66 0.00	36.29 3.00 0.00	39.23 3.21 0.00	40.98 3.31 0.00	43.60 3.49 0.00	49.01 4.37 0.00	57.39 4.88 0.00	52.05 3.86 0.00	46.50 3.40 0.00	43.69 2.93 0.00	38.86 2.54 0.00	35.04 2.38 0.00	30.87 2.10 0.00
HUDSON AVE_GT_5 23657	28.44 1.53 0.00	26.81 1.30 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.72 1.09 0.00	25.16 1.13 0.00	27.91 1.43 0.00	28.43 1.63 0.00	28.12 1.91 0.00	28.06 2.22 0.00	31.13 2.65 0.00	32.56 2.66 0.00	36.29 3.00 0.00	39.23 3.21 0.00	40.98 3.31 0.00	43.60 3.49 0.00	49.01 4.37 0.00	57.39 4.88 0.00	52.05 3.86 0.00	46.50 3.40 0.00	43.69 2.93 0.00	38.86 2.54 0.00	35.04 2.38 0.00	30.87 2.10 0.00
HUDSON_AVE_10 24168	28.41 1.51 0.00	26.76 1.25 0.00	24.98 1.14 0.00	23.59 1.02 0.00	23.66 1.02 0.00	25.11 1.08 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.09 1.89 0.00	28.03 2.20 0.00	31.11 2.62 0.00	32.53 2.63 0.00	36.23 2.93 0.00	39.15 3.13 0.00	40.90 3.24 0.00	43.52 3.41 0.00	48.97 4.33 0.00	57.34 4.83 0.00	52.00 3.81 0.00	46.45 3.36 0.00	43.65 2.89 0.00	38.82 2.51 0.00	34.98 2.32 0.00	30.84 2.07 0.00
HUDSON___115KV_TB 4 355613	27.82 0.91 0.00	26.30 0.79 0.00	24.55 0.72 0.00	23.30 0.72 0.00	23.36 0.72 0.00	24.73 0.70 0.00	27.28 0.79 0.00	27.52 0.72 0.00	26.91 0.71 0.00	26.56 0.72 0.00	29.11 0.63 0.00	30.50 0.60 0.00	34.06 0.77 0.00	36.85 0.83 0.00	38.68 1.02 0.00	41.11 1.00 0.00	46.02 1.38 0.00	54.45 1.94 0.00	50.22 2.02 0.00	45.03 1.94 0.00	42.55 1.79 0.00	37.84 1.53 0.00	33.90 1.24 0.00	29.95 1.18 0.00
HUNTER MOUNT___DRP 323613	27.90 1.00 0.00	26.37 0.87 0.00	24.63 0.79 0.00	23.39 0.81 0.00	23.43 0.79 0.00	24.80 0.77 0.00	27.33 0.85 0.00	27.52 0.72 0.00	26.89 0.68 0.00	26.48 0.65 0.00	28.94 0.46 0.00	30.32 0.42 0.00	33.89 0.60 0.00	36.67 0.65 0.00	38.53 0.87 0.00	40.99 0.88 0.00	45.84 1.21 0.00	54.34 1.84 0.00	50.31 2.12 0.00	45.20 2.11 0.00	42.72 1.96 0.00	37.95 1.63 0.00	33.97 1.31 0.00	30.01 1.24 0.00
HUNTINGTON_RES_REC 323705	31.31 1.83 -2.57	27.04 1.53 0.00	25.32 1.48 0.00	23.86 1.29 0.00	23.81 1.18 0.00	25.40 1.37 0.00	27.91 1.43 0.00	28.64 1.85 0.00	28.12 1.91 0.00	28.01 2.17 0.00	33.81 2.65 -2.68	36.19 2.75 -3.54	37.92 3.16 -1.46	39.26 3.24 0.00	41.17 3.35 -0.15	43.98 3.69 -0.18	49.57 4.51 -0.43	65.56 5.41 -7.65	52.38 4.19 0.00	46.41 3.32 0.00	43.90 3.14 0.00	39.11 2.80 0.00	34.81 2.16 0.00	33.18 2.33 -2.09
HUNTLEY___63 23557	27.09 0.19 0.00	25.35 -0.15 0.00	23.55 -0.29 0.00	22.30 -0.27 0.00	22.39 -0.25 0.00	23.81 -0.22 0.00	25.93 -0.56 0.00	26.66 -0.13 0.00	25.84 -0.37 0.00	25.84 0.00 0.00	28.71 0.23 0.00	30.74 0.84 0.00	34.06 0.77 0.00	36.70 0.68 0.00	37.89 0.23 0.00	40.67 0.56 0.00	45.35 0.71 0.00	53.66 1.16 0.00	50.08 1.88 0.00	43.31 0.22 0.00	40.80 0.04 0.00	36.43 0.11 0.00	33.15 0.49 0.00	28.74 -0.03 0.00
HUNTLEY___64 23558	27.09 0.19 0.00	25.35 -0.15 0.00	23.55 -0.29 0.00	22.30 -0.27 0.00	22.39 -0.25 0.00	23.81 -0.22 0.00	25.93 -0.56 0.00	26.66 -0.13 0.00	25.84 -0.37 0.00	25.84 0.00 0.00	28.71 0.23 0.00	30.74 0.84 0.00	34.06 0.77 0.00	36.70 0.68 0.00	37.89 0.23 0.00	40.67 0.56 0.00	45.35 0.71 0.00	53.66 1.16 0.00	50.08 1.88 0.00	43.31 0.22 0.00	40.80 0.04 0.00	36.43 0.11 0.00	33.15 0.49 0.00	28.74 -0.03 0.00
HUNTLEY___65 23559	27.09 0.19 0.00	25.35 -0.15 0.00	23.55 -0.29 0.00	22.30 -0.27 0.00	22.39 -0.25 0.00	23.81 -0.22 0.00	25.93 -0.56 0.00	26.66 -0.13 0.00	25.84 -0.37 0.00	25.84 0.00 0.00	28.71 0.23 0.00	30.74 0.84 0.00	34.06 0.77 0.00	36.70 0.68 0.00	37.89 0.23 0.00	40.67 0.56 0.00	45.35 0.71 0.00	53.66 1.16 0.00	50.08 1.88 0.00	43.31 0.22 0.00	40.80 0.04 0.00	36.43 0.11 0.00	33.15 0.49 0.00	28.74 -0.03 0.00
HUNTLEY___66 23560	27.09 0.19 0.00	25.35 -0.15 0.00	23.55 -0.29 0.00	22.30 -0.27 0.00	22.39 -0.25 0.00	23.81 -0.22 0.00	25.93 -0.56 0.00	26.66 -0.13 0.00	25.84 -0.37 0.00	25.84 0.00 0.00	28.71 0.23 0.00	30.74 0.84 0.00	34.06 0.77 0.00	36.70 0.68 0.00	37.89 0.23 0.00	40.67 0.56 0.00	45.35 0.71 0.00	53.66 1.16 0.00	50.08 1.88 0.00	43.31 0.22 0.00	40.80 0.04 0.00	36.43 0.11 0.00	33.15 0.49 0.00	28.74 -0.03 0.00

HUNTLEY___67 23561	26.91 0.00 0.00	25.18 -0.33 0.00	23.39 -0.45 0.00	22.15 -0.43 0.00	22.25 -0.38 0.00	23.67 -0.36 0.00	25.77 -0.72 0.00	26.47 -0.32 0.00	25.66 -0.55 0.00	25.66 -0.18 0.00	28.49 0.00 0.00	30.44 0.54 0.00	33.73 0.43 0.00	36.31 0.29 0.00	37.50 -0.19 -0.02	40.25 0.12 -0.02	44.88 0.22 -0.02	53.10 0.58 -0.02	49.52 1.30 -0.02	42.94 -0.17 -0.02	40.39 -0.37 0.00	36.06 -0.25 0.00	32.86 0.20 0.00	28.48 -0.29 0.00
HUNTLEY___68 23562	26.91 0.00 0.00	25.18 -0.33 0.00	23.39 -0.45 0.00	22.15 -0.43 0.00	22.25 -0.38 0.00	23.67 -0.36 0.00	25.77 -0.72 0.00	26.47 -0.32 0.00	25.66 -0.55 0.00	25.66 -0.18 0.00	28.49 0.00 0.00	30.44 0.54 0.00	33.73 0.43 0.00	36.31 0.29 0.00	37.50 -0.19 -0.02	40.25 0.12 -0.02	44.88 0.22 -0.02	53.10 0.58 -0.02	49.52 1.30 -0.02	42.94 -0.17 -0.02	40.39 -0.37 0.00	36.06 -0.25 0.00	32.86 0.20 0.00	28.48 -0.29 0.00
HYLAND___LFG 323620	28.22 1.32 0.00	26.42 0.92 0.00	24.55 0.71 0.00	23.21 0.63 0.00	23.32 0.68 0.00	24.94 0.91 0.00	27.38 0.90 0.00	27.71 0.91 0.00	26.36 0.16 0.00	26.07 0.23 0.00	28.74 0.26 0.00	30.50 0.60 0.00	33.90 0.60 0.00	36.59 0.57 0.00	38.15 0.49 0.00	40.23 0.12 0.00	45.08 0.45 0.00	54.03 1.52 0.00	50.46 2.27 0.00	44.60 1.51 0.00	42.51 1.75 0.00	38.93 2.62 0.00	35.37 2.71 0.00	30.32 1.55 0.00
INDECK___CORINTH 23802	28.98 2.07 0.00	27.40 1.89 0.00	25.41 1.57 0.00	24.04 1.47 0.00	24.13 1.49 0.00	25.67 1.63 0.00	28.44 1.96 0.00	28.73 1.93 0.00	28.09 1.89 0.00	27.80 1.96 0.00	30.31 1.82 0.00	31.82 1.92 0.00	35.49 2.20 0.00	38.18 2.16 0.00	40.04 2.37 0.00	42.59 2.49 0.00	47.58 2.95 0.00	56.49 3.99 0.00	52.68 4.48 0.00	46.97 3.88 0.00	44.96 4.20 0.00	39.91 3.60 0.00	35.60 2.94 0.00	31.33 2.56 0.00
INDECK___ILION 23567	26.99 0.08 0.00	25.53 0.03 0.00	23.84 0.00 0.00	22.57 0.00 0.00	22.64 0.00 0.00	24.03 0.00 0.00	26.48 0.00 0.00	26.80 0.00 0.00	26.18 -0.03 0.00	25.89 0.05 0.00	28.51 0.03 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.78 0.11 0.00	40.23 0.12 0.00	44.86 0.22 0.00	52.82 0.32 0.00	48.53 0.34 0.00	43.35 0.26 0.00	40.96 0.20 0.00	36.57 0.25 0.00	32.82 0.16 0.00	28.94 0.17 0.00
INDECK___OLEAN 23982	27.23 0.32 0.00	25.48 -0.03 0.00	23.67 -0.17 0.00	22.44 -0.13 0.00	22.52 -0.11 0.00	23.98 -0.05 0.00	26.43 -0.05 0.00	27.01 0.21 0.00	26.10 -0.10 0.00	26.15 0.31 0.00	29.11 0.63 0.00	31.10 1.20 0.00	34.53 1.23 0.00	37.35 1.33 0.00	38.42 0.75 -0.01	40.99 0.88 -0.01	45.40 0.76 -0.01	53.56 1.05 -0.01	49.74 1.54 -0.01	43.66 0.56 -0.01	41.49 0.73 0.00	36.93 0.62 0.00	33.83 1.17 0.00	29.00 0.23 0.00
INDECK___OSWEGO 23783	26.42 -0.48 0.00	24.97 -0.54 0.00	23.31 -0.52 0.00	22.08 -0.50 0.00	22.16 -0.48 0.00	23.53 -0.51 0.00	25.95 -0.53 0.00	26.15 -0.64 0.00	25.47 -0.73 0.00	25.22 -0.62 0.00	27.80 -0.68 0.00	29.27 -0.63 0.00	32.59 -0.70 0.00	35.26 -0.76 0.00	36.87 -0.79 0.00	39.03 -1.08 0.00	43.43 -1.20 0.00	51.30 -1.21 0.00	47.18 -1.01 0.00	41.97 -1.12 0.00	39.74 -1.02 0.00	35.66 -0.65 0.00	32.14 -0.52 0.00	28.19 -0.58 0.00
INDECK___YERKES 23781	27.12 0.21 0.00	25.38 -0.13 0.00	23.58 -0.26 0.00	22.33 -0.25 0.00	22.41 -0.23 0.00	23.86 -0.17 0.00	26.19 -0.29 0.00	26.69 -0.11 0.00	25.87 -0.34 0.00	25.89 0.05 0.00	28.77 0.28 0.00	30.77 0.87 0.00	34.13 0.83 0.00	36.78 0.76 0.00	38.04 0.38 0.00	40.75 0.64 0.00	45.40 0.76 0.00	53.77 1.26 0.00	50.07 1.88 0.00	43.27 0.17 0.00	40.88 0.12 0.00	36.50 0.18 0.00	33.57 0.91 0.00	28.77 0.00 0.00
INDIAN POINT_GT_1 24139	28.20 1.29 0.00	26.58 1.07 0.00	24.84 1.00 0.00	23.45 0.88 0.00	23.52 0.88 0.00	24.94 0.91 0.00	27.65 1.17 0.00	28.11 1.31 0.00	27.73 1.52 0.00	27.62 1.78 0.00	30.59 2.11 0.00	32.02 2.12 0.00	35.73 2.43 0.00	38.54 2.52 0.00	40.30 2.64 0.00	42.91 2.81 0.00	48.16 3.53 0.00	56.44 3.94 0.00	51.37 3.18 0.00	45.94 2.84 0.00	43.12 2.36 0.00	38.42 2.11 0.00	34.55 1.89 0.00	30.49 1.73 0.00
INDIAN POINT_GT_2 23659	28.20 1.29 0.00	26.58 1.07 0.00	24.84 1.00 0.00	23.45 0.88 0.00	23.52 0.88 0.00	24.94 0.91 0.00	27.65 1.17 0.00	28.11 1.31 0.00	27.73 1.52 0.00	27.62 1.78 0.00	30.59 2.11 0.00	32.02 2.12 0.00	35.73 2.43 0.00	38.54 2.52 0.00	40.30 2.64 0.00	42.91 2.81 0.00	48.16 3.53 0.00	56.44 3.94 0.00	51.37 3.18 0.00	45.94 2.84 0.00	43.12 2.36 0.00	38.42 2.11 0.00	34.55 1.89 0.00	30.49 1.73 0.00
INDIAN POINT_GT_3 24019	28.20 1.29 0.00	26.58 1.07 0.00	24.84 1.00 0.00	23.45 0.88 0.00	23.52 0.88 0.00	24.94 0.91 0.00	27.65 1.17 0.00	28.11 1.31 0.00	27.73 1.52 0.00	27.62 1.78 0.00	30.59 2.11 0.00	32.02 2.12 0.00	35.73 2.43 0.00	38.54 2.52 0.00	40.30 2.64 0.00	42.91 2.81 0.00	48.16 3.53 0.00	56.44 3.94 0.00	51.37 3.18 0.00	45.94 2.84 0.00	43.12 2.36 0.00	38.42 2.11 0.00	34.55 1.89 0.00	30.49 1.73 0.00
INDIAN POINT___2 23530	28.14 1.24 0.00	26.53 1.02 0.00	24.79 0.95 0.00	23.43 0.86 0.00	23.50 0.86 0.00	24.92 0.89 0.00	27.57 1.09 0.00	28.08 1.29 0.00	27.67 1.47 0.00	27.57 1.73 0.00	30.56 2.08 0.00	31.99 2.09 0.00	35.66 2.36 0.00	38.47 2.45 0.00	40.19 2.52 0.00	42.84 2.73 0.00	48.03 3.39 0.00	56.34 3.83 0.00	51.28 3.09 0.00	45.59 2.50 0.00	43.04 2.28 0.00	38.31 2.00 0.00	34.42 1.76 0.00	30.47 1.70 0.00
INDIAN POINT___3 23531	28.14 1.24 0.00	26.55 1.05 0.00	24.82 0.98 0.00	23.43 0.86 0.00	23.50 0.86 0.00	24.92 0.89 0.00	27.62 1.14 0.00	28.08 1.29 0.00	27.67 1.47 0.00	27.57 1.73 0.00	30.54 2.05 0.00	31.99 2.09 0.00	35.66 2.36 0.00	38.47 2.45 0.00	40.23 2.56 0.00	42.79 2.69 0.00	48.03 3.39 0.00	56.29 3.78 0.00	51.23 3.04 0.00	45.81 2.71 0.00	43.04 2.28 0.00	38.31 2.00 0.00	34.49 1.83 0.00	30.47 1.70 0.00
INGHAM_C_115KV_TB7 356103	26.72 -0.19 0.00	25.28 -0.23 0.00	23.60 -0.24 0.00	22.35 -0.23 0.00	22.41 -0.23 0.00	23.79 -0.24 0.00	26.22 -0.26 0.00	26.53 -0.27 0.00	25.89 -0.31 0.00	25.60 -0.23 0.00	28.20 -0.28 0.00	29.63 -0.27 0.00	33.00 -0.30 0.00	35.73 -0.29 0.00	37.40 -0.26 0.00	39.79 -0.32 0.00	44.37 -0.27 0.00	52.24 -0.26 0.00	48.00 -0.19 0.00	42.88 -0.22 0.00	40.56 -0.20 0.00	36.28 -0.04 0.00	32.56 -0.10 0.00	28.71 -0.06 0.00
IP CORINTH___1 23988	28.98 2.07 0.00	27.40 1.89 0.00	25.41 1.57 0.00	24.04 1.47 0.00	24.13 1.49 0.00	25.67 1.63 0.00	28.47 1.99 0.00	28.73 1.93 0.00	28.09 1.89 0.00	27.80 1.96 0.00	30.31 1.82 0.00	31.81 1.91 0.00	35.49 2.20 0.00	38.18 2.16 0.00	40.04 2.37 0.00	42.63 2.53 0.00	47.58 2.95 0.00	56.50 3.99 0.00	52.68 4.48 0.00	47.10 4.01 0.00	44.96 4.20 0.00	39.91 3.60 0.00	35.60 2.94 0.00	31.33 2.56 0.00

IP___TICONDEROGA 23804	30.27 3.36 0.00	28.57 3.06 0.00	26.39 2.55 0.00	24.94 2.37 0.00	25.06 2.42 0.00	26.72 2.69 0.00	29.71 3.23 0.00	29.93 3.14 0.00	29.22 3.01 0.00	28.91 3.07 0.00	31.53 3.05 0.00	33.13 3.23 0.00	36.99 3.70 0.00	39.91 3.89 0.00	41.84 4.18 0.00	44.60 4.49 0.00	49.81 5.18 0.00	59.44 6.93 0.00	55.52 7.33 0.00	49.60 6.51 0.00	47.40 6.64 0.00	42.09 5.77 0.00	37.39 4.74 0.00	32.82 4.06 0.00
ISLIP_RES_REC 323679	31.76 2.29 -2.57	27.50 1.99 0.00	25.75 1.91 0.00	24.29 1.71 0.00	24.20 1.56 0.00	25.83 1.80 0.00	28.34 1.85 0.00	29.13 2.33 0.00	28.54 2.33 0.00	28.44 2.61 0.00	34.35 3.19 -2.68	36.73 3.29 -3.54	38.54 3.79 -1.46	39.88 3.86 0.00	41.80 3.99 -0.15	44.70 4.41 -0.18	50.34 5.35 -0.35	66.58 6.46 -7.62	53.35 5.16 0.00	47.23 4.14 0.00	44.67 3.91 0.00	39.78 3.45 -0.01	35.37 2.71 0.00	33.76 2.90 -2.09
JAMAICA__27_KV_LOAD 355505	28.63 1.72 0.00	26.96 1.45 0.00	25.13 1.29 0.00	23.70 1.13 0.00	23.77 1.13 0.00	25.26 1.23 0.00	28.10 1.62 0.00	28.67 1.88 0.00	28.36 2.15 0.00	28.32 2.48 0.00	31.36 2.88 0.00	32.77 2.87 0.00	36.52 3.23 0.00	39.51 3.49 0.00	41.28 3.62 0.00	43.96 3.85 0.00	49.50 4.87 0.00	58.02 5.51 0.00	52.63 4.43 0.00	47.01 3.92 0.00	44.18 3.42 0.00	39.19 2.87 0.00	35.24 2.58 0.00	31.13 2.36 0.00
JANIS___SOLAR 323808	28.49 1.59 0.00	26.86 1.35 0.00	24.98 1.14 0.00	23.64 1.06 0.00	23.72 1.09 0.00	25.30 1.27 0.00	27.96 1.48 0.00	28.27 1.47 0.00	27.20 1.00 0.00	26.84 1.01 0.00	29.45 0.97 0.00	31.10 1.20 0.00	34.63 1.33 0.00	37.60 1.58 0.00	39.32 1.66 0.00	42.19 2.08 0.00	47.18 2.54 0.00	56.23 3.73 0.00	52.24 4.05 0.00	46.41 3.32 0.00	43.98 3.22 0.00	39.04 2.73 0.00	35.04 2.38 0.00	30.61 1.84 0.00
JARVIS____ 23743	27.04 0.14 0.00	25.61 0.10 0.00	23.93 0.10 0.00	22.66 0.09 0.00	22.73 0.09 0.00	24.13 0.10 0.00	26.59 0.11 0.00	26.90 0.11 0.00	26.31 0.11 0.00	25.99 0.16 0.00	28.63 0.14 0.00	30.08 0.18 0.00	33.50 0.20 0.00	36.24 0.22 0.00	37.89 0.23 0.00	40.35 0.24 0.00	44.95 0.31 0.00	52.92 0.42 0.00	48.58 0.38 0.00	43.35 0.26 0.00	41.01 0.25 0.00	36.57 0.26 0.00	32.89 0.23 0.00	28.97 0.20 0.00
JENNISON___1 23625	28.57 1.67 0.00	26.91 1.40 0.00	25.05 1.22 0.00	23.70 1.13 0.00	23.77 1.13 0.00	25.33 1.30 0.00	27.94 1.46 0.00	28.35 1.55 0.00	27.41 1.21 0.00	27.15 1.32 0.00	29.85 1.37 0.00	31.51 1.61 0.00	35.09 1.80 0.00	38.11 2.09 0.00	39.85 2.18 0.00	42.71 2.61 0.00	47.72 3.08 0.00	56.60 4.10 0.00	52.39 4.19 0.00	46.54 3.45 0.00	43.90 3.14 0.00	39.04 2.72 0.00	34.98 2.32 0.00	30.67 1.90 0.00
JENNISON___2 23626	28.57 1.67 0.00	26.91 1.40 0.00	25.05 1.22 0.00	23.70 1.13 0.00	23.77 1.13 0.00	25.33 1.30 0.00	27.94 1.46 0.00	28.35 1.55 0.00	27.41 1.21 0.00	27.15 1.32 0.00	29.85 1.37 0.00	31.51 1.61 0.00	35.09 1.80 0.00	38.11 2.09 0.00	39.85 2.18 0.00	42.71 2.61 0.00	47.72 3.08 0.00	56.60 4.10 0.00	52.39 4.19 0.00	46.54 3.45 0.00	43.90 3.14 0.00	39.04 2.72 0.00	34.98 2.32 0.00	30.67 1.90 0.00
JERICOHO_RISE_WT_PWR 323719	26.72 -0.19 0.00	25.48 -0.03 0.00	23.79 -0.05 0.00	22.55 -0.02 0.00	22.59 -0.05 0.00	24.08 0.05 0.00	26.51 0.03 0.00	26.88 0.08 0.00	26.39 0.18 0.00	25.89 0.05 0.00	28.54 0.06 0.00	29.93 0.03 0.00	33.30 0.00 0.00	36.09 0.07 0.00	37.74 0.08 0.00	40.15 0.04 0.00	44.55 -0.09 0.00	52.30 -0.21 0.00	48.00 -0.19 0.00	43.31 0.22 0.00	40.80 0.04 0.00	36.21 -0.11 0.00	32.46 -0.19 0.00	28.60 -0.17 0.00
KATONAH___115KV_46KV_TB4 355592	28.41 1.51 0.00	26.78 1.28 0.00	25.01 1.17 0.00	23.61 1.04 0.00	23.70 1.06 0.00	25.11 1.08 0.00	27.83 1.35 0.00	28.30 1.50 0.00	27.91 1.70 0.00	27.77 1.94 0.00	30.82 2.34 0.00	32.26 2.36 0.00	36.03 2.73 0.00	38.94 2.92 0.00	40.68 3.01 0.00	43.36 3.25 0.00	48.65 4.02 0.00	57.02 4.52 0.00	51.90 3.71 0.00	46.41 3.32 0.00	43.65 2.89 0.00	38.79 2.47 0.00	34.85 2.19 0.00	30.75 1.98 0.00
KCE_NY_1 323755	28.71 1.80 0.00	27.14 1.63 0.00	25.25 1.41 0.00	23.88 1.31 0.00	23.97 1.34 0.00	25.45 1.42 0.00	28.15 1.67 0.00	28.46 1.66 0.00	27.81 1.60 0.00	27.51 1.68 0.00	30.17 1.68 0.00	31.66 1.76 0.00	35.29 2.00 0.00	38.11 2.09 0.00	39.92 2.26 0.00	42.51 2.41 0.00	47.45 2.81 0.00	56.18 3.67 0.00	52.00 3.81 0.00	46.37 3.27 0.00	44.14 3.38 0.00	39.26 2.94 0.00	35.11 2.45 0.00	30.95 2.19 0.00
KCE_NY_6_ESR 323823	27.28 0.38 0.00	25.51 0.00 0.00	23.70 -0.14 0.00	22.46 -0.11 0.00	22.55 -0.09 0.00	23.98 -0.05 0.00	26.35 -0.13 0.00	26.88 0.08 0.00	26.05 -0.16 0.00	26.04 0.21 0.00	28.97 0.48 0.00	30.97 1.07 0.00	34.36 1.07 0.00	37.07 1.05 0.00	38.35 0.68 -0.01	41.00 0.88 -0.01	45.63 0.98 -0.01	53.93 1.42 -0.01	50.23 2.02 -0.01	43.58 0.47 -0.01	41.17 0.41 0.00	36.75 0.44 0.00	33.77 1.11 0.00	28.94 0.17 0.00
KEDC_PORT_JEFF_GT2 24210	31.52 2.04 -2.57	27.29 1.78 0.00	25.53 1.69 0.00	24.09 1.51 0.00	24.02 1.38 0.00	25.64 1.61 0.00	28.15 1.67 0.00	28.91 2.12 0.00	28.17 1.97 0.00	28.06 2.22 0.00	33.87 2.71 -2.68	36.16 2.72 -3.54	38.08 3.33 -1.46	39.33 3.31 0.00	41.23 3.43 -0.14	44.05 3.77 -0.17	49.37 4.38 -0.36	65.43 5.30 -7.62	52.29 4.09 0.00	46.33 3.23 0.00	44.06 3.30 0.00	39.23 2.91 0.00	35.01 2.35 0.00	33.47 2.62 -2.09
KEDC_PORT_JEFF_GT3 24211	31.52 2.04 -2.57	27.29 1.78 0.00	25.53 1.69 0.00	24.09 1.51 0.00	24.02 1.38 0.00	25.64 1.61 0.00	28.15 1.67 0.00	28.91 2.12 0.00	28.17 1.97 0.00	28.06 2.22 0.00	33.87 2.71 -2.68	36.16 2.72 -3.54	38.08 3.33 -1.46	39.33 3.31 0.00	41.23 3.43 -0.14	44.05 3.77 -0.17	49.37 4.38 -0.36	65.43 5.30 -7.62	52.29 4.09 0.00	46.33 3.23 0.00	44.06 3.30 0.00	39.23 2.91 0.00	35.01 2.35 0.00	33.47 2.62 -2.09
KEDC_GLWD_GT4 24219	31.44 1.96 -2.57	27.16 1.66 0.00	25.41 1.57 0.00	23.97 1.40 0.00	23.97 1.34 0.00	25.52 1.49 0.00	28.13 1.64 0.00	28.78 1.98 0.00	28.36 2.15 0.00	28.26 2.43 0.00	34.18 3.02 -2.68	36.57 3.14 -3.54	38.31 3.56 -1.46	39.77 3.75 0.00	42.91 3.84 -1.40	45.55 3.73 -1.71	49.57 4.60 -0.33	65.53 5.41 -7.61	52.44 4.24 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.47 3.16 0.00	35.21 2.55 0.00	33.39 2.53 -2.09
KEDC_GLWD_GT5 24220	31.44 1.96 -2.57	27.16 1.66 0.00	25.41 1.57 0.00	23.97 1.40 0.00	23.97 1.34 0.00	25.52 1.49 0.00	28.13 1.64 0.00	28.78 1.98 0.00	28.36 2.15 0.00	28.26 2.43 0.00	34.18 3.02 -2.68	36.57 3.14 -3.54	38.31 3.56 -1.46	39.77 3.75 0.00	42.91 3.84 -1.40	45.55 3.73 -1.71	49.57 4.60 -0.33	65.53 5.41 -7.61	52.44 4.24 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.47 3.16 0.00	35.21 2.55 0.00	33.39 2.53 -2.09

KENSICO____ 23655	28.28 1.37 0.00	26.66 1.15 0.00	24.91 1.07 0.00	23.52 0.95 0.00	23.59 0.95 0.00	25.02 0.99 0.00	27.73 1.24 0.00	28.22 1.42 0.00	27.83 1.62 0.00	27.72 1.89 0.00	30.74 2.25 0.00	32.17 2.27 0.00	35.86 2.56 0.00	38.72 2.70 0.00	40.49 2.82 0.00	43.07 2.97 0.00	48.39 3.75 0.00	56.65 4.15 0.00	51.57 3.37 0.00	46.11 3.02 0.00	43.29 2.53 0.00	38.53 2.22 0.00	34.68 2.02 0.00	30.61 1.84 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.33 1.43 0.00	26.68 1.17 0.00	24.96 1.12 0.00	23.57 0.99 0.00	23.61 0.97 0.00	25.02 0.99 0.00	27.70 1.22 0.00	28.11 1.31 0.00	27.65 1.44 0.00	27.52 1.68 0.00	30.45 1.97 0.00	31.84 1.94 0.00	35.63 2.33 0.00	38.47 2.45 0.00	40.30 2.64 0.00	42.95 2.85 0.00	48.25 3.62 0.00	56.65 4.15 0.00	51.76 3.57 0.00	46.37 3.28 0.00	43.41 2.65 0.00	38.57 2.25 0.00	34.72 2.06 0.00	30.64 1.87 0.00
KIAC_JFK_GT1 23816	28.47 1.56 0.00	26.81 1.30 0.00	25.01 1.17 0.00	23.59 1.02 0.00	23.63 1.00 0.00	25.14 1.11 0.00	27.94 1.46 0.00	28.51 1.71 0.00	28.20 1.99 0.00	28.14 2.30 0.00	31.08 2.59 0.00	32.47 2.57 0.00	36.19 2.90 0.00	39.12 3.10 0.00	40.90 3.24 0.00	43.56 3.45 0.00	49.01 4.37 0.00	57.44 4.94 0.00	52.10 3.90 0.00	46.54 3.45 0.00	43.74 2.98 0.00	38.79 2.47 0.00	34.91 2.25 0.00	30.93 2.16 0.00
KIAC_JFK_GT2 23817	28.47 1.56 0.00	26.81 1.30 0.00	25.01 1.17 0.00	23.59 1.02 0.00	23.63 1.00 0.00	25.14 1.11 0.00	27.94 1.46 0.00	28.51 1.71 0.00	28.20 1.99 0.00	28.14 2.30 0.00	31.08 2.59 0.00	32.47 2.57 0.00	36.19 2.90 0.00	39.12 3.10 0.00	40.90 3.24 0.00	43.56 3.45 0.00	49.01 4.37 0.00	57.44 4.94 0.00	52.10 3.90 0.00	46.54 3.45 0.00	43.74 2.98 0.00	38.79 2.47 0.00	34.91 2.25 0.00	30.93 2.16 0.00
KIAC_JFK____ 323774	28.47 1.56 0.00	26.81 1.30 0.00	25.01 1.17 0.00	23.59 1.02 0.00	23.63 0.99 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.51 1.72 0.00	28.20 1.99 0.00	28.13 2.30 0.00	31.08 2.59 0.00	32.47 2.57 0.00	36.19 2.90 0.00	39.12 3.10 0.00	40.86 3.20 0.00	43.51 3.41 0.00	48.96 4.33 0.00	57.44 4.93 0.00	52.10 3.90 0.00	46.28 3.19 0.00	43.73 2.97 0.00	38.79 2.47 0.00	34.81 2.16 0.00	30.93 2.16 0.00
KINTIGH____ 23543	26.66 -0.24 0.00	25.00 -0.51 0.00	23.27 -0.57 0.00	22.03 -0.54 0.00	22.12 -0.52 0.00	23.53 -0.50 0.00	25.64 -0.85 0.00	26.31 -0.48 0.00	25.53 -0.68 0.00	25.45 -0.39 0.00	28.20 -0.28 0.00	30.05 0.15 0.00	33.30 0.00 0.00	35.84 -0.18 0.00	37.14 -0.53 0.00	39.99 -0.12 0.00	44.63 0.00 0.00	52.87 0.37 0.00	49.30 1.11 0.00	42.70 -0.39 0.00	40.11 -0.65 0.00	35.81 -0.51 0.00	32.56 -0.10 0.00	28.25 -0.52 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.44 0.54 0.00	26.17 0.66 0.00	24.41 0.57 0.00	23.14 0.56 0.00	23.16 0.52 0.00	24.75 0.72 0.00	27.22 0.74 0.00	27.63 0.83 0.00	27.05 0.84 0.00	26.64 0.80 0.00	29.34 0.85 0.00	30.83 0.93 0.00	34.29 1.00 0.00	37.17 1.15 0.00	38.91 1.24 0.00	41.35 1.24 0.00	45.89 1.25 0.00	54.13 1.63 0.00	49.74 1.54 0.00	44.56 1.47 0.00	42.10 1.35 0.00	37.30 0.98 0.00	33.41 0.75 0.00	29.37 0.60 0.00
LACHUTE____HYDRO 323717	30.27 3.36 0.00	28.57 3.06 0.00	26.39 2.55 0.00	24.94 2.37 0.00	25.06 2.42 0.00	26.72 2.69 0.00	29.71 3.23 0.00	29.93 3.13 0.00	29.22 3.01 0.00	28.91 3.07 0.00	31.54 3.05 0.00	33.13 3.23 0.00	36.99 3.70 0.00	39.91 3.89 0.00	41.84 4.18 0.00	44.60 4.49 0.00	49.81 5.18 0.00	59.38 6.88 0.00	55.52 7.32 0.00	49.47 6.38 0.00	47.41 6.65 0.00	42.09 5.77 0.00	37.39 4.73 0.00	32.83 4.06 0.00
LAWRNCV_115KV_TB1 80681	25.99 -0.91 0.00	24.79 -0.71 0.00	23.20 -0.64 0.00	21.96 -0.61 0.00	22.00 -0.63 0.00	23.45 -0.58 0.00	25.82 -0.66 0.00	26.07 -0.72 0.00	25.47 -0.73 0.00	24.91 -0.93 0.00	27.40 -1.08 0.00	28.70 -1.20 0.00	31.96 -1.33 0.00	34.65 -1.37 0.00	36.35 -1.32 0.00	38.62 -1.48 0.00	42.67 -1.96 0.00	49.56 -2.94 0.00	45.54 -2.65 0.00	41.59 -1.51 0.00	39.50 -1.26 0.00	35.12 -1.20 0.00	31.55 -1.11 0.00	27.91 -0.86 0.00
LEDERLE____ 23769	28.22 1.32 0.00	26.60 1.10 0.00	24.86 1.03 0.00	23.50 0.93 0.00	23.54 0.91 0.00	24.97 0.94 0.00	27.67 1.19 0.00	28.14 1.34 0.00	27.73 1.52 0.00	27.64 1.81 0.00	30.62 2.14 0.00	32.05 2.15 0.00	35.76 2.46 0.00	38.58 2.56 0.00	40.34 2.67 0.00	42.95 2.85 0.00	48.21 3.57 0.00	56.55 4.04 0.00	51.47 3.28 0.00	45.98 2.89 0.00	43.16 2.40 0.00	38.42 2.11 0.00	34.59 1.93 0.00	30.55 1.78 0.00
LIGHTHSE_115KV_TB6 355974	26.37 -0.54 0.00	24.90 -0.61 0.00	23.27 -0.57 0.00	22.03 -0.54 0.00	22.09 -0.54 0.00	23.50 -0.53 0.00	25.90 -0.58 0.00	26.15 -0.64 0.00	25.39 -0.81 0.00	25.14 -0.70 0.00	27.69 -0.80 0.00	29.18 -0.72 0.00	32.46 -0.83 0.00	35.19 -0.83 0.00	36.80 -0.87 0.00	39.22 -0.88 0.00	43.74 -0.89 0.00	51.72 -0.79 0.00	47.71 -0.48 0.00	42.53 -0.56 0.00	40.23 -0.53 0.00	35.84 -0.47 0.00	32.17 -0.49 0.00	28.25 -0.52 0.00
LINDEN COGEN____ 23786	28.25 1.34 0.00	26.63 1.12 0.00	24.89 1.05 0.00	23.50 0.93 0.00	23.59 0.95 0.00	25.04 1.01 0.00	27.68 1.19 0.00	28.27 1.47 0.00	27.94 1.73 0.00	27.90 2.07 0.00	30.96 2.48 0.00	32.38 2.48 0.00	36.09 2.80 0.00	38.97 2.95 0.00	40.71 3.05 0.00	43.32 3.21 0.00	48.65 4.02 0.00	56.92 4.41 0.00	51.67 3.47 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.61 2.29 0.00	34.72 2.06 0.00	30.67 1.90 0.00
LINDHRST_69_KV_BK1 356055	31.76 2.29 -2.57	27.45 1.94 0.00	25.70 1.86 0.00	24.22 1.65 0.00	24.18 1.54 0.00	25.79 1.75 0.00	28.39 1.91 0.00	29.07 2.28 0.00	28.59 2.38 0.00	28.47 2.64 0.00	34.36 3.19 -2.68	36.73 3.29 -3.54	38.45 3.70 -1.46	39.77 3.75 0.00	41.84 3.88 -0.29	44.76 4.29 -0.36	50.19 5.22 -0.33	66.26 6.14 -7.61	53.16 4.96 0.00	47.53 4.44 0.00	44.47 3.71 0.00	39.74 3.41 -0.01	35.73 3.07 0.00	33.70 2.85 -2.09
LIPA_MISC_IPP 23656	31.41 1.94 -2.57	27.19 1.68 0.00	25.46 1.62 0.00	24.00 1.42 0.00	23.93 1.29 0.00	25.57 1.54 0.00	28.05 1.56 0.00	28.81 2.01 0.00	28.25 2.04 0.00	28.11 2.27 0.00	33.96 2.79 -2.68	36.25 2.81 -3.54	37.98 3.23 -1.46	39.30 3.28 0.00	41.19 3.39 -0.13	44.12 3.85 -0.16	49.71 4.73 -0.35	65.80 5.67 -7.62	52.72 4.53 0.00	47.27 4.18 0.00	44.06 3.30 0.00	39.30 2.98 0.00	35.34 2.68 0.00	33.39 2.53 -2.09
LISF____SOLAR 323691	31.47 1.99 -2.57	27.24 1.74 0.00	25.51 1.67 0.00	24.06 1.49 0.00	23.97 1.34 0.00	25.62 1.59 0.00	28.07 1.59 0.00	28.86 2.06 0.00	28.28 2.07 0.00	28.16 2.33 0.00	34.01 2.85 -2.68	36.34 2.90 -3.54	38.05 3.30 -1.46	39.37 3.35 0.00	41.26 3.46 -0.14	44.12 3.85 -0.17	49.76 4.78 -0.35	66.01 5.88 -7.62	52.82 4.63 0.00	46.80 3.71 0.00	44.22 3.46 0.00	39.37 3.05 0.00	35.01 2.35 0.00	33.44 2.59 -2.09

LITTLE FALLS___HYD 24013	26.72 -0.19 0.00	25.28 -0.23 0.00	23.60 -0.24 0.00	22.35 -0.23 0.00	22.41 -0.23 0.00	23.79 -0.24 0.00	26.22 -0.26 0.00	26.53 -0.27 0.00	25.89 -0.31 0.00	25.60 -0.23 0.00	28.20 -0.28 0.00	29.63 -0.27 0.00	33.00 -0.30 0.00	35.73 -0.29 0.00	37.40 -0.26 0.00	39.79 -0.32 0.00	44.37 -0.27 0.00	52.24 -0.26 0.00	48.00 -0.19 0.00	42.88 -0.22 0.00	40.56 -0.20 0.00	36.28 -0.04 0.00	32.56 -0.10 0.00	28.71 -0.06 0.00
LITTLRIV_115KV_TB1 356100	26.26 -0.65 0.00	25.07 -0.43 0.00	23.43 -0.41 0.00	22.19 -0.38 0.00	22.23 -0.41 0.00	23.72 -0.31 0.00	26.11 -0.37 0.00	26.37 -0.43 0.00	25.68 -0.52 0.00	25.09 -0.75 0.00	27.57 -0.91 0.00	28.88 -1.02 0.00	32.16 -1.13 0.00	34.94 -1.08 0.00	36.65 -1.02 0.00	38.98 -1.12 0.00	43.03 -1.61 0.00	50.04 -2.47 0.00	46.07 -2.12 0.00	42.10 -0.99 0.00	40.03 -0.73 0.00	35.55 -0.76 0.00	31.91 -0.75 0.00	28.19 -0.58 0.00
LI_NEWBRDGE___DRP 323616	31.17 1.70 -2.57	26.94 1.43 0.00	25.17 1.33 0.00	23.77 1.20 0.00	23.75 1.11 0.00	25.28 1.25 0.00	27.89 1.40 0.00	28.51 1.71 0.00	28.07 1.86 0.00	27.98 2.14 0.00	33.76 2.59 -2.68	36.07 2.63 -3.54	37.71 2.96 -1.46	39.05 3.03 0.00	40.79 3.13 0.00	43.48 3.37 0.00	49.12 4.15 -0.33	64.89 4.78 -7.61	52.00 3.81 0.00	46.50 3.40 0.00	43.53 2.77 0.00	38.89 2.58 0.00	34.98 2.32 0.00	33.04 2.19 -2.09
LOCKPORT_115KV_TB60_63_64 80432	26.91 0.00 0.00	25.18 -0.33 0.00	23.39 -0.45 0.00	22.17 -0.41 0.00	22.25 -0.38 0.00	23.67 -0.36 0.00	25.74 -0.74 0.00	26.47 -0.32 0.00	25.66 -0.55 0.00	25.66 -0.18 0.00	28.46 -0.03 0.00	30.44 0.54 0.00	33.73 0.43 0.00	36.31 0.29 0.00	37.47 -0.19 0.00	40.26 0.16 0.00	44.95 0.31 0.00	53.24 0.74 0.00	49.69 1.49 0.00	43.00 -0.09 0.00	40.52 -0.24 0.00	36.17 -0.15 0.00	32.95 0.29 0.00	28.54 -0.23 0.00
LOCKPORT___CC1 323769	26.91 0.00 0.00	25.15 -0.36 0.00	23.39 -0.45 0.00	22.14 -0.43 0.00	22.23 -0.41 0.00	23.67 -0.36 0.00	25.95 -0.53 0.00	26.45 -0.35 0.00	25.63 -0.58 0.00	25.63 -0.21 0.00	28.43 -0.06 0.00	30.41 0.51 0.00	33.70 0.40 0.00	36.24 0.22 0.00	37.51 -0.15 0.00	40.22 0.12 0.00	44.86 0.22 0.00	53.13 0.63 0.00	49.54 1.35 0.00	42.83 -0.26 0.00	40.43 -0.33 0.00	36.17 -0.14 0.00	33.25 0.59 0.00	28.51 -0.26 0.00
LOCKPORT___CC2 323770	26.91 0.00 0.00	25.15 -0.36 0.00	23.39 -0.45 0.00	22.14 -0.43 0.00	22.23 -0.41 0.00	23.67 -0.36 0.00	25.95 -0.53 0.00	26.45 -0.35 0.00	25.63 -0.58 0.00	25.63 -0.21 0.00	28.43 -0.06 0.00	30.41 0.51 0.00	33.70 0.40 0.00	36.24 0.22 0.00	37.51 -0.15 0.00	40.22 0.12 0.00	44.86 0.22 0.00	53.13 0.63 0.00	49.54 1.35 0.00	42.83 -0.26 0.00	40.43 -0.33 0.00	36.17 -0.14 0.00	33.25 0.59 0.00	28.51 -0.26 0.00
LOCKPORT___CC3 323771	26.91 0.00 0.00	25.15 -0.36 0.00	23.39 -0.45 0.00	22.14 -0.43 0.00	22.23 -0.41 0.00	23.67 -0.36 0.00	25.95 -0.53 0.00	26.45 -0.35 0.00	25.63 -0.58 0.00	25.63 -0.21 0.00	28.43 -0.06 0.00	30.41 0.51 0.00	33.70 0.40 0.00	36.24 0.22 0.00	37.51 -0.15 0.00	40.22 0.12 0.00	44.86 0.22 0.00	53.13 0.63 0.00	49.54 1.35 0.00	42.83 -0.26 0.00	40.43 -0.33 0.00	36.17 -0.14 0.00	33.25 0.59 0.00	28.51 -0.26 0.00
LONG_LAKE_PHOENIX 24014	26.58 -0.32 0.00	25.13 -0.38 0.00	23.46 -0.38 0.00	22.21 -0.36 0.00	22.28 -0.36 0.00	23.67 -0.36 0.00	26.09 -0.40 0.00	26.31 -0.48 0.00	25.63 -0.58 0.00	25.40 -0.44 0.00	28.00 -0.48 0.00	29.48 -0.42 0.00	32.83 -0.47 0.00	35.59 -0.43 0.00	37.14 -0.53 0.00	39.63 -0.48 0.00	44.14 -0.49 0.00	52.14 -0.37 0.00	47.95 -0.24 0.00	42.66 -0.43 0.00	40.31 -0.45 0.00	35.92 -0.40 0.00	32.33 -0.33 0.00	28.39 -0.37 0.00
LOVETT___3 23632	28.12 1.21 0.00	26.50 0.99 0.00	24.77 0.93 0.00	23.41 0.84 0.00	23.45 0.81 0.00	24.90 0.87 0.00	27.57 1.09 0.00	28.03 1.23 0.00	27.62 1.42 0.00	27.52 1.68 0.00	30.51 2.02 0.00	31.93 2.03 0.00	35.59 2.30 0.00	38.40 2.38 0.00	40.11 2.45 0.00	42.67 2.57 0.00	47.89 3.26 0.00	56.18 3.68 0.00	51.13 2.94 0.00	45.68 2.59 0.00	42.88 2.12 0.00	38.24 1.92 0.00	34.42 1.76 0.00	30.41 1.64 0.00
LOVETT___4 23642	28.12 1.21 0.00	26.50 0.99 0.00	24.77 0.93 0.00	23.41 0.84 0.00	23.45 0.81 0.00	24.90 0.87 0.00	27.57 1.09 0.00	28.03 1.23 0.00	27.62 1.42 0.00	27.52 1.68 0.00	30.51 2.02 0.00	31.93 2.03 0.00	35.59 2.30 0.00	38.40 2.38 0.00	40.11 2.45 0.00	42.67 2.57 0.00	47.89 3.26 0.00	56.18 3.68 0.00	51.13 2.94 0.00	45.68 2.59 0.00	42.88 2.12 0.00	38.24 1.92 0.00	34.42 1.76 0.00	30.41 1.64 0.00
LOVETT___5 23593	28.12 1.21 0.00	26.50 0.99 0.00	24.77 0.93 0.00	23.41 0.84 0.00	23.45 0.81 0.00	24.90 0.87 0.00	27.57 1.09 0.00	28.03 1.23 0.00	27.62 1.42 0.00	27.52 1.68 0.00	30.51 2.02 0.00	31.93 2.03 0.00	35.59 2.30 0.00	38.40 2.38 0.00	40.11 2.45 0.00	42.67 2.57 0.00	47.89 3.26 0.00	56.18 3.68 0.00	51.13 2.94 0.00	45.68 2.59 0.00	42.88 2.12 0.00	38.24 1.92 0.00	34.42 1.76 0.00	30.41 1.64 0.00
LOWER RAQUET___HYD 24057	25.83 -1.08 0.00	24.64 -0.87 0.00	23.05 -0.79 0.00	21.83 -0.74 0.00	21.87 -0.77 0.00	23.31 -0.72 0.00	25.66 -0.82 0.00	25.91 -0.88 0.00	25.32 -0.89 0.00	24.75 -1.08 0.00	27.23 -1.25 0.00	28.52 -1.37 0.00	31.76 -1.53 0.00	34.44 -1.58 0.00	36.08 -1.58 0.00	38.38 -1.72 0.00	42.58 -2.05 0.00	49.30 -3.20 0.00	45.30 -2.89 0.00	41.58 -1.51 0.00	39.29 -1.47 0.00	34.94 -1.38 0.00	31.39 -1.27 0.00	27.79 -0.98 0.00
LOWER___HUDSON 24059	27.93 1.02 0.00	26.42 0.92 0.00	24.67 0.83 0.00	23.36 0.79 0.00	23.43 0.79 0.00	24.85 0.82 0.00	27.43 0.95 0.00	27.76 0.96 0.00	27.18 0.97 0.00	26.87 1.03 0.00	29.48 1.00 0.00	30.95 1.05 0.00	34.46 1.16 0.00	37.25 1.23 0.00	38.98 1.32 0.00	41.43 1.32 0.00	46.29 1.65 0.00	54.50 1.99 0.00	50.17 1.98 0.00	44.82 1.73 0.00	42.51 1.75 0.00	37.88 1.56 0.00	33.97 1.31 0.00	30.03 1.26 0.00
LOWVILLE_115KV_TB2 356335	26.56 -0.35 0.00	25.13 -0.38 0.00	23.62 -0.21 0.00	22.35 -0.23 0.00	22.43 -0.20 0.00	23.89 -0.14 0.00	26.35 -0.13 0.00	26.64 -0.16 0.00	25.84 -0.37 0.00	25.42 -0.41 0.00	27.94 -0.54 0.00	29.42 -0.48 0.00	32.70 -0.60 0.00	35.48 -0.54 0.00	37.25 -0.41 0.00	39.79 -0.32 0.00	44.41 -0.22 0.00	52.45 -0.05 0.00	48.48 0.29 0.00	43.52 0.43 0.00	41.17 0.41 0.00	36.61 0.29 0.00	32.72 0.07 0.00	28.80 0.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.68 1.78 0.00	27.11 1.61 0.00	25.22 1.38 0.00	23.86 1.29 0.00	23.95 1.31 0.00	25.45 1.42 0.00	28.15 1.67 0.00	28.43 1.63 0.00	27.81 1.60 0.00	27.49 1.65 0.00	30.14 1.65 0.00	31.63 1.73 0.00	35.26 1.96 0.00	38.11 2.09 0.00	39.92 2.26 0.00	42.47 2.37 0.00	47.40 2.77 0.00	56.13 3.62 0.00	51.90 3.71 0.00	46.45 3.36 0.00	44.10 3.34 0.00	39.22 2.91 0.00	35.08 2.42 0.00	30.93 2.16 0.00

LUTHERNY_35_KV_BK2 355980	28.71 1.80 0.00	27.14 1.63 0.00	25.25 1.41 0.00	23.88 1.31 0.00	23.97 1.34 0.00	25.45 1.42 0.00	28.18 1.69 0.00	28.46 1.66 0.00	27.81 1.60 0.00	27.52 1.68 0.00	30.17 1.68 0.00	31.66 1.76 0.00	35.29 2.00 0.00	38.11 2.09 0.00	39.92 2.26 0.00	42.51 2.41 0.00	47.45 2.81 0.00	56.18 3.68 0.00	51.95 3.76 0.00	46.50 3.40 0.00	44.14 3.38 0.00	39.26 2.94 0.00	35.11 2.45 0.00	30.95 2.19 0.00
LWR___OSWEGATCHIE_HYD 23850	25.83 -1.08 0.00	24.54 -0.97 0.00	22.98 -0.86 0.00	21.74 -0.84 0.00	21.80 -0.84 0.00	23.24 -0.79 0.00	25.61 -0.87 0.00	25.89 -0.91 0.00	25.18 -1.02 0.00	24.70 -1.14 0.00	27.18 -1.31 0.00	28.55 -1.35 0.00	31.76 -1.53 0.00	34.44 -1.58 0.00	36.12 -1.54 0.00	38.50 -1.60 0.00	42.81 -1.83 0.00	50.19 -2.31 0.00	46.27 -1.93 0.00	41.89 -1.21 0.00	39.70 -1.06 0.00	35.30 -1.02 0.00	31.65 -1.01 0.00	27.91 -0.86 0.00
LYONS_FALL_HYD 23570	26.99 0.08 0.00	25.51 0.00 0.00	23.91 0.07 0.00	22.64 0.07 0.00	22.71 0.07 0.00	24.18 0.15 0.00	26.67 0.19 0.00	26.96 0.16 0.00	26.18 -0.03 0.00	25.81 -0.03 0.00	28.40 -0.09 0.00	29.90 0.00 0.00	33.26 -0.03 0.00	36.09 0.07 0.00	37.85 0.19 0.00	40.43 0.32 0.00	45.13 0.49 0.00	53.29 0.79 0.00	49.16 0.96 0.00	44.00 0.91 0.00	41.62 0.86 0.00	37.04 0.73 0.00	33.15 0.49 0.00	29.14 0.37 0.00
MADISON___COUNTY_LFGE 323628	27.77 0.86 0.00	26.20 0.69 0.00	24.44 0.60 0.00	23.12 0.54 0.00	23.20 0.57 0.00	24.68 0.65 0.00	27.22 0.74 0.00	27.55 0.75 0.00	26.76 0.55 0.00	26.46 0.62 0.00	29.14 0.66 0.00	30.71 0.81 0.00	34.19 0.90 0.00	37.10 1.08 0.00	38.79 1.13 0.00	41.47 1.36 0.00	46.33 1.70 0.00	54.76 2.26 0.00	50.51 2.31 0.00	44.99 1.90 0.00	42.51 1.75 0.00	37.81 1.49 0.00	33.90 1.24 0.00	29.77 1.01 0.00
MALONE___115KV_TB1 356076	26.69 -0.22 0.00	25.48 -0.03 0.00	23.77 -0.07 0.00	22.53 -0.05 0.00	22.55 -0.09 0.00	24.10 0.07 0.00	26.51 0.03 0.00	26.88 0.08 0.00	26.31 0.10 0.00	25.84 0.00 0.00	28.49 0.00 0.00	29.87 -0.03 0.00	33.23 -0.07 0.00	36.02 0.00 0.00	37.74 0.08 0.00	40.11 0.00 0.00	44.46 -0.18 0.00	52.19 -0.32 0.00	47.95 -0.24 0.00	43.18 0.09 0.00	40.88 0.12 0.00	36.24 -0.07 0.00	32.50 -0.16 0.00	28.62 -0.14 0.00
MAPLEWOD_115KV_TB3 80458	27.66 0.75 0.00	26.20 0.69 0.00	24.44 0.60 0.00	23.18 0.61 0.00	23.25 0.61 0.00	24.63 0.60 0.00	27.17 0.69 0.00	27.49 0.70 0.00	26.97 0.76 0.00	26.66 0.83 0.00	29.28 0.80 0.00	30.74 0.84 0.00	34.26 0.97 0.00	37.06 1.04 0.00	38.83 1.17 0.00	41.23 1.12 0.00	46.06 1.43 0.00	54.24 1.73 0.00	49.83 1.64 0.00	44.64 1.55 0.00	42.19 1.43 0.00	37.59 1.27 0.00	33.70 1.05 0.00	29.77 1.01 0.00
MAPLE_RIDGE_WT_1 323574	26.34 -0.57 0.00	25.07 -0.43 0.00	23.46 -0.38 0.00	22.24 -0.34 0.00	22.32 -0.32 0.00	23.74 -0.29 0.00	26.17 -0.32 0.00	26.50 -0.29 0.00	25.97 -0.24 0.00	25.50 -0.34 0.00	28.15 -0.34 0.00	29.48 -0.42 0.00	32.83 -0.47 0.00	35.55 -0.47 0.00	37.17 -0.49 0.00	39.55 -0.56 0.00	43.88 -0.76 0.00	51.51 -1.00 0.00	47.28 -0.92 0.00	42.58 -0.52 0.00	40.23 -0.53 0.00	35.81 -0.51 0.00	32.20 -0.46 0.00	28.37 -0.40 0.00
MAPLE_RIDGE_WT_2 323611	26.34 -0.57 0.00	25.07 -0.43 0.00	23.46 -0.38 0.00	22.24 -0.34 0.00	22.32 -0.32 0.00	23.74 -0.29 0.00	26.17 -0.32 0.00	26.50 -0.29 0.00	25.97 -0.24 0.00	25.50 -0.34 0.00	28.15 -0.34 0.00	29.48 -0.42 0.00	32.83 -0.47 0.00	35.55 -0.47 0.00	37.17 -0.49 0.00	39.55 -0.56 0.00	43.88 -0.76 0.00	51.51 -1.00 0.00	47.28 -0.92 0.00	42.58 -0.52 0.00	40.23 -0.53 0.00	35.81 -0.51 0.00	32.20 -0.46 0.00	28.37 -0.40 0.00
MARBLE_RIVER_WT_PWR 323696	26.93 0.03 0.00	25.66 0.15 0.00	23.96 0.12 0.00	22.71 0.14 0.00	22.73 0.09 0.00	24.25 0.22 0.00	26.67 0.19 0.00	27.06 0.27 0.00	26.55 0.34 0.00	26.09 0.26 0.00	28.77 0.28 0.00	30.17 0.27 0.00	33.59 0.30 0.00	36.38 0.36 0.00	38.08 0.42 0.00	40.47 0.36 0.00	44.95 0.31 0.00	52.82 0.32 0.00	48.48 0.29 0.00	43.70 0.60 0.00	41.17 0.41 0.00	36.50 0.18 0.00	32.72 0.07 0.00	28.83 0.06 0.00
MARSHVLE_115KV_TB1 80742	29.65 2.74 0.00	27.93 2.42 0.00	25.98 2.15 0.00	24.56 1.99 0.00	24.67 2.04 0.00	26.29 2.26 0.00	29.08 2.60 0.00	29.02 2.22 0.00	27.83 1.62 0.00	27.44 1.60 0.00	30.19 1.71 0.00	31.69 1.79 0.00	35.29 2.00 0.00	38.25 2.23 0.00	40.15 2.49 0.00	42.47 2.37 0.00	47.49 2.86 0.00	57.18 4.67 0.00	53.59 5.40 0.00	47.58 4.48 0.00	45.37 4.61 0.00	40.60 4.29 0.00	36.25 3.59 0.00	31.79 3.02 0.00
MARSH_HILL_WT_PWR 323713	28.49 1.59 0.00	26.71 1.20 0.00	24.74 0.91 0.00	23.50 0.93 0.00	23.61 0.97 0.00	25.21 1.18 0.00	27.96 1.48 0.00	28.46 1.66 0.00	27.31 1.10 0.00	27.33 1.50 0.00	30.34 1.85 0.00	32.41 2.51 0.00	36.09 2.80 0.00	39.19 3.17 0.00	40.57 2.90 0.00	43.44 3.33 0.00	48.34 3.70 0.00	57.39 4.88 0.00	53.40 5.21 0.00	46.80 3.71 0.00	44.51 3.75 0.00	39.37 3.05 0.00	35.86 3.20 0.00	30.70 1.93 0.00
MCINTYRE_115KV_TB2 80467	26.64 -0.27 0.00	25.41 -0.10 0.00	23.74 -0.10 0.00	22.48 -0.09 0.00	22.52 -0.11 0.00	24.03 0.00 0.00	26.43 -0.05 0.00	26.66 -0.13 0.00	25.94 -0.26 0.00	25.32 -0.52 0.00	27.83 -0.66 0.00	29.12 -0.78 0.00	32.46 -0.83 0.00	35.23 -0.79 0.00	36.95 -0.72 0.00	39.34 -0.76 0.00	43.43 -1.21 0.00	50.51 -2.00 0.00	46.56 -1.64 0.00	42.58 -0.52 0.00	40.47 -0.29 0.00	35.99 -0.33 0.00	32.27 -0.39 0.00	28.48 -0.29 0.00
MECO_____69_KV_BK1 80468	30.38 3.47 0.00	28.59 3.09 0.00	26.46 2.62 0.00	25.01 2.44 0.00	25.13 2.49 0.00	26.84 2.81 0.00	29.82 3.34 0.00	29.96 3.16 0.00	29.12 2.91 0.00	28.68 2.84 0.00	31.59 3.10 0.00	33.16 3.26 0.00	37.02 3.73 0.00	40.13 4.11 0.00	42.18 4.52 0.00	44.92 4.81 0.00	50.17 5.53 0.00	60.80 8.30 0.00	56.72 8.53 0.00	50.07 6.98 0.00	47.49 6.73 0.00	42.24 5.92 0.00	37.53 4.87 0.00	32.88 4.11 0.00
MENANDS___115KV_TB5 355628	27.47 0.57 0.00	26.02 0.51 0.00	24.29 0.45 0.00	23.05 0.47 0.00	23.11 0.48 0.00	24.49 0.46 0.00	26.99 0.50 0.00	27.33 0.54 0.00	26.81 0.60 0.00	26.51 0.67 0.00	29.11 0.63 0.00	30.56 0.66 0.00	34.06 0.77 0.00	36.85 0.83 0.00	38.57 0.90 0.00	40.99 0.88 0.00	45.75 1.12 0.00	53.82 1.31 0.00	49.40 1.20 0.00	44.26 1.16 0.00	41.82 1.06 0.00	37.26 0.94 0.00	33.44 0.78 0.00	29.54 0.78 0.00
MG INDUSTRY___DRP 24185	27.52 0.62 0.00	26.04 0.54 0.00	24.34 0.50 0.00	23.09 0.52 0.00	23.16 0.52 0.00	24.54 0.50 0.00	27.01 0.53 0.00	27.31 0.51 0.00	26.70 0.50 0.00	26.35 0.52 0.00	28.91 0.43 0.00	30.32 0.42 0.00	33.79 0.50 0.00	36.56 0.54 0.00	38.27 0.60 0.00	40.71 0.60 0.00	45.48 0.85 0.00	53.66 1.16 0.00	49.35 1.16 0.00	44.21 1.12 0.00	41.82 1.06 0.00	37.30 0.98 0.00	33.48 0.82 0.00	29.57 0.81 0.00

MID___OSWEGATCHIE_HYD 23849	25.83 -1.08 0.00	24.54 -0.97 0.00	22.98 -0.86 0.00	21.74 -0.84 0.00	21.80 -0.84 0.00	23.24 -0.79 0.00	25.61 -0.87 0.00	25.89 -0.91 0.00	25.18 -1.02 0.00	24.70 -1.14 0.00	27.18 -1.31 0.00	28.55 -1.35 0.00	31.76 -1.53 0.00	34.44 -1.58 0.00	36.12 -1.54 0.00	38.50 -1.60 0.00	42.81 -1.83 0.00	50.19 -2.31 0.00	46.27 -1.93 0.00	41.89 -1.21 0.00	39.70 -1.06 0.00	35.30 -1.02 0.00	31.65 -1.01 0.00	27.91 -0.86 0.00
MID___RAQUETTE_HYD 23851	25.83 -1.08 0.00	24.64 -0.87 0.00	23.05 -0.79 0.00	21.83 -0.74 0.00	21.87 -0.77 0.00	23.31 -0.72 0.00	25.66 -0.82 0.00	25.91 -0.88 0.00	25.32 -0.89 0.00	24.75 -1.09 0.00	27.23 -1.25 0.00	28.52 -1.38 0.00	31.76 -1.53 0.00	34.44 -1.58 0.00	36.12 -1.54 0.00	38.38 -1.72 0.00	42.40 -2.23 0.00	49.30 -3.20 0.00	45.30 -2.89 0.00	41.41 -1.68 0.00	39.29 -1.47 0.00	34.94 -1.38 0.00	31.42 -1.24 0.00	27.79 -0.98 0.00
MILLIKEN___1 23584	27.82 0.91 0.00	26.25 0.74 0.00	24.46 0.62 0.00	23.16 0.59 0.00	23.25 0.61 0.00	24.73 0.70 0.00	27.30 0.82 0.00	27.65 0.86 0.00	26.81 0.60 0.00	26.53 0.70 0.00	29.20 0.71 0.00	30.83 0.93 0.00	34.33 1.03 0.00	37.21 1.19 0.00	38.83 1.17 0.00	41.59 1.48 0.00	46.42 1.79 0.00	54.97 2.47 0.00	50.80 2.60 0.00	45.20 2.11 0.00	42.72 1.96 0.00	37.91 1.60 0.00	34.10 1.44 0.00	29.86 1.09 0.00
MILLIKEN___2 23585	27.82 0.91 0.00	26.25 0.74 0.00	24.46 0.62 0.00	23.16 0.59 0.00	23.25 0.61 0.00	24.73 0.70 0.00	27.30 0.82 0.00	27.65 0.86 0.00	26.81 0.60 0.00	26.53 0.70 0.00	29.20 0.71 0.00	30.83 0.93 0.00	34.33 1.03 0.00	37.21 1.19 0.00	38.83 1.17 0.00	41.59 1.48 0.00	46.42 1.79 0.00	54.97 2.47 0.00	50.80 2.60 0.00	45.20 2.11 0.00	42.72 1.96 0.00	37.91 1.60 0.00	34.10 1.44 0.00	29.86 1.09 0.00
MILLIKEN___DIESEL 23629	27.82 0.91 0.00	26.25 0.74 0.00	24.46 0.62 0.00	23.16 0.59 0.00	23.25 0.61 0.00	24.73 0.70 0.00	27.30 0.82 0.00	27.65 0.86 0.00	26.81 0.60 0.00	26.53 0.70 0.00	29.20 0.71 0.00	30.83 0.93 0.00	34.33 1.03 0.00	37.21 1.19 0.00	38.83 1.17 0.00	41.59 1.48 0.00	46.42 1.79 0.00	54.97 2.47 0.00	50.80 2.60 0.00	45.20 2.11 0.00	42.72 1.96 0.00	37.91 1.60 0.00	34.10 1.44 0.00	29.86 1.09 0.00
MILLSEAT___LFGE 323607	27.31 0.40 0.00	25.56 0.05 0.00	23.74 -0.09 0.00	22.46 -0.11 0.00	22.57 -0.07 0.00	24.06 0.02 0.00	26.38 -0.11 0.00	26.99 0.19 0.00	26.10 -0.10 0.00	26.07 0.23 0.00	28.88 0.40 0.00	30.89 0.99 0.00	34.23 0.93 0.00	36.88 0.86 0.00	38.30 0.64 0.00	41.07 0.96 0.00	45.88 1.25 0.00	54.55 2.05 0.00	50.74 2.55 0.00	43.95 0.86 0.00	41.53 0.77 0.00	37.00 0.69 0.00	33.93 1.27 0.00	29.09 0.32 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.22 1.32 0.00	26.60 1.10 0.00	24.86 1.03 0.00	23.48 0.90 0.00	23.54 0.91 0.00	24.99 0.96 0.00	27.67 1.19 0.00	28.16 1.37 0.00	27.75 1.55 0.00	27.64 1.81 0.00	30.62 2.14 0.00	32.08 2.18 0.00	35.76 2.46 0.00	38.61 2.59 0.00	40.34 2.67 0.00	42.95 2.85 0.00	48.21 3.57 0.00	56.50 3.99 0.00	51.42 3.23 0.00	45.98 2.89 0.00	43.16 2.40 0.00	38.46 2.14 0.00	34.59 1.93 0.00	30.55 1.78 0.00
MILLWOOD_13_KV_LOAD 356217	28.33 1.43 0.00	26.71 1.20 0.00	24.94 1.10 0.00	23.54 0.97 0.00	23.63 1.00 0.00	25.04 1.01 0.00	27.75 1.27 0.00	28.24 1.45 0.00	27.83 1.62 0.00	27.72 1.89 0.00	30.74 2.25 0.00	32.17 2.27 0.00	35.93 2.63 0.00	38.79 2.77 0.00	40.53 2.86 0.00	43.15 3.05 0.00	48.43 3.79 0.00	56.76 4.25 0.00	51.66 3.47 0.00	46.20 3.10 0.00	43.41 2.65 0.00	38.60 2.29 0.00	34.72 2.06 0.00	30.64 1.87 0.00
MODEL_CITY_ENERGY 24167	26.64 -0.27 0.00	24.92 -0.59 0.00	23.15 -0.69 0.00	21.94 -0.63 0.00	22.03 -0.61 0.00	23.43 -0.60 0.00	25.71 -0.77 0.00	26.18 -0.62 0.00	25.37 -0.84 0.00	25.34 -0.49 0.00	28.15 -0.34 0.00	30.08 0.18 0.00	33.33 0.03 0.00	35.81 -0.21 0.00	37.06 -0.60 0.00	39.70 -0.40 0.00	44.32 -0.31 0.00	52.50 0.00 0.00	48.92 0.72 0.00	42.32 -0.77 0.00	39.94 -0.81 0.00	35.73 -0.58 0.00	32.89 0.23 0.00	28.22 -0.55 0.00
MODERN_LFGE___ 323580	26.64 -0.27 0.00	24.92 -0.59 0.00	23.15 -0.69 0.00	21.94 -0.63 0.00	22.03 -0.61 0.00	23.43 -0.60 0.00	25.71 -0.77 0.00	26.18 -0.62 0.00	25.37 -0.84 0.00	25.34 -0.49 0.00	28.15 -0.34 0.00	30.08 0.18 0.00	33.33 0.03 0.00	35.81 -0.21 0.00	37.06 -0.60 0.00	39.70 -0.40 0.00	44.32 -0.31 0.00	52.50 0.00 0.00	48.92 0.72 0.00	42.32 -0.77 0.00	39.94 -0.81 0.00	35.73 -0.58 0.00	32.89 0.23 0.00	28.22 -0.55 0.00
MOHAWK_PAPER___DRP 24187	27.66 0.75 0.00	26.20 0.69 0.00	24.44 0.60 0.00	23.18 0.61 0.00	23.25 0.61 0.00	24.63 0.60 0.00	27.17 0.69 0.00	27.49 0.70 0.00	26.97 0.76 0.00	26.66 0.83 0.00	29.28 0.80 0.00	30.74 0.84 0.00	34.26 0.97 0.00	37.06 1.04 0.00	38.83 1.17 0.00	41.23 1.12 0.00	46.06 1.43 0.00	54.24 1.73 0.00	49.83 1.64 0.00	44.64 1.55 0.00	42.19 1.43 0.00	37.59 1.27 0.00	33.70 1.05 0.00	29.77 1.01 0.00
MOHICAN___35_KV_115KV_LD 80490	29.03 2.13 0.00	27.45 1.94 0.00	25.48 1.64 0.00	24.11 1.54 0.00	24.18 1.54 0.00	25.74 1.71 0.00	28.52 2.04 0.00	28.78 1.98 0.00	28.15 1.94 0.00	27.85 2.02 0.00	30.39 1.91 0.00	31.90 2.00 0.00	35.59 2.30 0.00	38.33 2.31 0.00	40.19 2.52 0.00	42.79 2.69 0.00	47.80 3.17 0.00	56.71 4.20 0.00	52.82 4.63 0.00	47.23 4.14 0.00	45.04 4.28 0.00	39.98 3.67 0.00	35.66 3.00 0.00	31.39 2.62 0.00
MONGAUP___HYD 23641	28.12 1.21 0.00	26.50 0.99 0.00	24.79 0.95 0.00	23.41 0.84 0.00	23.45 0.81 0.00	24.85 0.82 0.00	27.46 0.98 0.00	27.87 1.07 0.00	27.36 1.15 0.00	27.15 1.32 0.00	29.99 1.51 0.00	31.39 1.49 0.00	35.09 1.80 0.00	37.86 1.84 0.00	39.62 1.96 0.00	42.27 2.16 0.00	47.40 2.77 0.00	55.34 2.83 0.00	50.70 2.50 0.00	45.68 2.59 0.00	43.00 2.24 0.00	38.20 1.89 0.00	34.36 1.70 0.00	30.38 1.61 0.00
MONTAUK___DIESEL 23721	32.62 3.15 -2.57	28.26 2.75 0.00	26.51 2.67 0.00	24.99 2.42 0.00	24.86 2.22 0.00	26.58 2.55 0.00	29.08 2.60 0.00	29.90 3.11 0.00	29.40 3.20 0.00	29.32 3.49 0.00	35.64 4.47 -2.68	38.34 4.90 -3.54	40.28 5.53 -1.46	41.96 5.94 0.00	43.98 6.18 -0.14	47.25 6.98 -0.16	53.37 8.39 -0.35	70.26 10.13 -7.62	56.68 8.48 0.00	50.51 7.41 0.00	46.91 6.15 0.00	41.77 5.45 0.00	37.26 4.60 0.00	34.94 4.09 -2.09
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.98 1.08 0.00	26.17 0.66 0.00	24.27 0.43 0.00	23.03 0.45 0.00	23.11 0.48 0.00	24.63 0.60 0.00	26.93 0.45 0.00	27.79 0.99 0.00	26.89 0.68 0.00	26.92 1.09 0.00	29.97 1.48 0.00	32.05 2.15 0.00	35.56 2.26 0.00	38.47 2.45 0.00	39.67 2.00 -0.01	42.48 2.37 -0.01	47.19 2.54 -0.01	55.82 3.31 -0.01	51.91 3.71 -0.01	45.17 2.07 -0.01	42.63 1.87 0.00	37.95 1.63 0.00	34.46 1.80 0.00	29.80 1.04 0.00

MORRIS RIDGE___SOLAR 323848	27.12 0.22 0.00	25.41 -0.10 0.00	23.62 -0.21 0.00	22.37 -0.20 0.00	22.46 -0.18 0.00	23.91 -0.12 0.00	26.16 -0.32 0.00	26.82 0.03 0.00	25.94 -0.26 0.00	25.94 0.10 0.00	28.80 0.31 0.00	30.71 0.81 0.00	34.09 0.80 0.00	36.78 0.76 0.00	37.93 0.26 0.00	40.75 0.64 0.00	45.40 0.76 0.00	53.77 1.26 0.00	49.98 1.78 0.00	43.66 0.56 0.00	41.13 0.37 0.00	36.61 0.29 0.00	33.31 0.65 0.00	28.88 0.12 0.00
MORTIMER_115KV_TB3 55949	27.04 0.13 0.00	25.41 -0.10 0.00	23.65 -0.19 0.00	22.37 -0.20 0.00	22.46 -0.18 0.00	23.91 -0.12 0.00	26.16 -0.32 0.00	26.80 0.00 0.00	26.00 -0.21 0.00	25.89 0.05 0.00	28.63 0.14 0.00	30.47 0.57 0.00	33.79 0.50 0.00	36.49 0.47 0.00	38.00 0.34 0.00	40.87 0.76 0.00	45.66 1.03 0.00	54.19 1.68 0.00	50.22 2.02 0.00	43.83 0.73 0.00	41.21 0.45 0.00	36.64 0.33 0.00	33.18 0.52 0.00	28.85 0.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.41 1.51 0.00	26.78 1.28 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.70 1.06 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.38 1.58 0.00	28.04 1.83 0.00	27.95 2.12 0.00	31.02 2.54 0.00	32.47 2.57 0.00	36.19 2.90 0.00	39.08 3.06 0.00	40.83 3.16 0.00	43.44 3.33 0.00	48.83 4.20 0.00	57.18 4.67 0.00	51.90 3.71 0.00	46.41 3.32 0.00	43.57 2.81 0.00	38.79 2.47 0.00	34.95 2.29 0.00	30.81 2.04 0.00
MUNSVILLE_WIND_PWR 323609	29.41 2.50 0.00	27.65 2.14 0.00	25.70 1.86 0.00	24.29 1.71 0.00	24.38 1.74 0.00	26.05 2.02 0.00	28.79 2.30 0.00	29.15 2.36 0.00	27.99 1.78 0.00	27.67 1.83 0.00	30.31 1.82 0.00	32.05 2.15 0.00	35.69 2.40 0.00	38.83 2.81 0.00	40.68 3.01 0.00	43.76 3.65 0.00	48.92 4.29 0.00	58.28 5.78 0.00	54.22 6.02 0.00	48.09 5.00 0.00	45.53 4.77 0.00	40.42 4.10 0.00	36.16 3.50 0.00	31.62 2.85 0.00
N SALMON___HYD 24042	26.69 -0.22 0.00	25.48 -0.03 0.00	23.77 -0.07 0.00	22.53 -0.05 0.00	22.55 -0.09 0.00	24.10 0.07 0.00	26.51 0.03 0.00	26.88 0.08 0.00	26.34 0.13 0.00	25.84 0.00 0.00	28.49 0.00 0.00	29.87 -0.03 0.00	33.23 -0.07 0.00	36.02 0.00 0.00	37.74 0.08 0.00	40.11 0.00 0.00	44.50 -0.13 0.00	52.19 -0.31 0.00	47.95 -0.24 0.00	43.35 0.26 0.00	40.88 0.12 0.00	36.24 -0.07 0.00	32.46 -0.19 0.00	28.62 -0.14 0.00
N.AKRON__115KV_KNAPP 355671	27.34 0.43 0.00	25.56 0.05 0.00	23.74 -0.10 0.00	22.48 -0.09 0.00	22.57 -0.07 0.00	24.06 0.02 0.00	26.19 -0.29 0.00	26.98 0.19 0.00	26.13 -0.08 0.00	26.09 0.26 0.00	28.91 0.43 0.00	30.92 1.02 0.00	34.26 0.97 0.00	36.92 0.90 0.00	38.19 0.53 0.00	41.07 0.96 0.00	45.88 1.25 0.00	54.55 2.05 0.00	50.84 2.65 0.00	44.04 0.95 0.00	41.49 0.73 0.00	36.97 0.65 0.00	33.61 0.95 0.00	29.08 0.32 0.00
N.BELMOR_69_KV_BK1 55787	31.44 1.96 -2.57	27.17 1.66 0.00	25.41 1.57 0.00	23.97 1.40 0.00	23.95 1.31 0.00	25.52 1.49 0.00	28.12 1.64 0.00	28.75 1.96 0.00	28.33 2.12 0.00	28.21 2.38 0.00	34.13 2.96 -2.68	36.49 3.05 -3.54	38.18 3.43 -1.46	39.59 3.57 0.00	41.99 3.69 -0.63	44.80 3.93 -0.77	49.84 4.87 -0.33	65.79 5.67 -7.61	52.72 4.53 0.00	47.10 4.01 0.00	44.10 3.34 0.00	39.44 3.12 0.00	35.44 2.78 0.00	33.39 2.53 -2.09
N.E_GEN_SANDY PD 24062	27.90 1.00 0.00	26.40 0.89 0.00	24.67 0.83 0.00	23.34 0.77 0.00	23.43 0.79 0.00	24.80 0.77 0.00	27.38 0.90 0.00	27.79 0.99 0.00	27.23 1.02 0.00	27.00 1.16 0.00	29.71 1.22 0.00	31.13 1.23 0.00	34.66 1.37 0.00	37.46 1.44 0.00	39.17 1.51 0.00	41.63 1.52 0.00	47.05 1.92 -0.50	54.11 2.10 0.50	50.02 1.83 0.00	44.69 1.60 0.00	42.31 1.55 0.00	37.73 1.41 0.00	33.90 1.24 0.00	30.03 1.26 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.14 1.24 0.00	26.55 1.05 0.00	24.79 0.95 0.00	23.43 0.86 0.00	23.50 0.86 0.00	24.92 0.89 0.00	27.59 1.11 0.00	28.06 1.26 0.00	27.65 1.44 0.00	27.57 1.73 0.00	30.54 2.05 0.00	31.96 2.06 0.00	35.66 2.36 0.00	38.43 2.41 0.00	40.19 2.52 0.00	42.79 2.69 0.00	48.03 3.39 0.00	56.29 3.78 0.00	51.28 3.08 0.00	45.81 2.71 0.00	42.96 2.20 0.00	38.31 2.00 0.00	34.49 1.83 0.00	30.47 1.70 0.00
N.QUEENS_27_KV_LOAD 356247	28.66 1.75 -0.01	27.05 1.53 -0.01	25.33 1.48 -0.01	23.91 1.33 -0.01	24.00 1.36 0.00	25.33 1.30 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.12 1.91 0.00	28.14 2.30 0.00	31.26 2.76 -0.01	32.71 2.81 0.00	36.32 3.03 0.00	39.23 3.21 0.00	40.94 3.28 0.00	43.56 3.45 0.00	49.10 4.46 0.00	57.60 5.09 0.00	52.00 3.81 0.00	46.50 3.40 0.00	43.65 2.89 0.00	38.79 2.47 0.00	35.31 2.65 -0.01	31.14 2.36 -0.01
N.TROY___115KV_TB1 355778	27.93 1.02 0.00	26.43 0.92 0.00	24.67 0.83 0.00	23.36 0.79 0.00	23.43 0.79 0.00	24.85 0.82 0.00	27.44 0.95 0.00	27.76 0.96 0.00	27.18 0.97 0.00	26.87 1.03 0.00	29.48 1.00 0.00	30.95 1.05 0.00	34.46 1.17 0.00	37.24 1.22 0.00	39.02 1.36 0.00	41.43 1.32 0.00	46.29 1.65 0.00	54.50 2.00 0.00	50.12 1.93 0.00	44.95 1.85 0.00	42.51 1.75 0.00	37.88 1.56 0.00	34.00 1.34 0.00	30.03 1.27 0.00
NARROWS_GT1_1 24228	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT1_2 24229	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT1_3 24230	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT1_4 24231	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01

NARROWS_GT1_5 24232	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT1_6 24233	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT1_7 24234	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT1_8 24235	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT2_1 24236	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT2_2 24237	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT2_3 24238	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT2_4 24239	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT2_5 24240	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT2_6 24241	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT2_7 24242	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NARROWS_GT2_8 24243	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.24 0.00	25.26 1.22 0.00	27.96 1.48 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.31 2.82 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.06 3.39 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.24 4.05 0.00	46.46 3.36 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.25 2.58 -0.01	31.16 2.39 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.90 1.00 0.00	26.37 0.87 0.00	24.63 0.79 0.00	23.39 0.81 0.00	23.43 0.79 0.00	24.80 0.77 0.00	27.33 0.85 0.00	27.52 0.72 0.00	26.89 0.68 0.00	26.48 0.65 0.00	28.94 0.46 0.00	30.32 0.42 0.00	33.89 0.60 0.00	36.67 0.65 0.00	38.53 0.87 0.00	40.99 0.88 0.00	45.84 1.21 0.00	54.34 1.84 0.00	50.31 2.12 0.00	45.20 2.11 0.00	42.72 1.96 0.00	37.95 1.63 0.00	33.97 1.31 0.00	30.01 1.24 0.00
NCHELSEA_115KV_TR2 355582	28.30 1.40 0.00	26.71 1.20 0.00	24.96 1.12 0.00	23.59 1.02 0.00	23.63 1.00 0.00	25.04 1.01 0.00	27.73 1.24 0.00	28.14 1.34 0.00	27.70 1.49 0.00	27.54 1.71 0.00	30.48 1.99 0.00	31.87 1.97 0.00	35.66 2.36 0.00	38.47 2.45 0.00	40.30 2.64 0.00	42.91 2.81 0.00	48.16 3.53 0.00	56.55 4.04 0.00	51.62 3.42 0.00	46.20 3.10 0.00	43.37 2.61 0.00	38.53 2.22 0.00	34.65 1.99 0.00	30.61 1.84 0.00
NEG CAPITAL___MECHNVIL 23645	28.63 1.72 0.00	27.06 1.56 0.00	25.20 1.36 0.00	23.84 1.26 0.00	23.90 1.27 0.00	25.40 1.37 0.00	28.10 1.62 0.00	28.40 1.61 0.00	27.75 1.55 0.00	27.46 1.63 0.00	30.14 1.65 0.00	31.63 1.73 0.00	35.26 1.96 0.00	38.11 2.09 0.00	39.92 2.26 0.00	42.47 2.37 0.00	47.40 2.77 0.00	56.08 3.57 0.00	51.85 3.66 0.00	46.28 3.19 0.00	43.98 3.22 0.00	39.11 2.80 0.00	35.01 2.35 0.00	30.87 2.10 0.00

NEG CENTRAL_HIGH_ACRES 23767	26.58 -0.32 0.00	25.00 -0.51 0.00	23.29 -0.55 0.00	22.03 -0.54 0.00	22.12 -0.52 0.00	23.55 -0.48 0.00	25.93 -0.56 0.00	26.40 -0.40 0.00	25.61 -0.60 0.00	25.47 -0.36 0.00	28.15 -0.34 0.00	29.90 0.00 0.00	33.23 -0.07 0.00	35.91 -0.11 0.00	37.51 -0.15 0.00	40.23 0.12 0.00	44.91 0.27 0.00	53.34 0.84 0.00	49.25 1.06 0.00	43.09 0.00 0.00	40.64 -0.12 0.00	36.14 -0.18 0.00	32.79 0.13 0.00	28.42 -0.34 0.00
NEG CENTRAL___DRP 24199	27.20 0.30 0.00	25.64 0.13 0.00	23.89 0.05 0.00	22.60 0.02 0.00	22.71 0.07 0.00	24.15 0.12 0.00	26.62 0.13 0.00	27.04 0.24 0.00	26.21 0.00 0.00	26.07 0.23 0.00	28.77 0.28 0.00	30.47 0.57 0.00	33.93 0.63 0.00	36.63 0.61 0.00	38.15 0.49 0.00	40.91 0.80 0.00	45.62 0.98 0.00	54.03 1.52 0.00	49.98 1.78 0.00	44.08 0.99 0.00	41.66 0.90 0.00	36.93 0.62 0.00	33.41 0.75 0.00	29.14 0.37 0.00
NEG CENTRAL___INDECK 23768	27.93 1.02 0.00	26.20 0.69 0.00	24.34 0.50 0.00	23.00 0.43 0.00	23.11 0.48 0.00	24.68 0.65 0.00	27.15 0.66 0.00	27.57 0.78 0.00	26.44 0.24 0.00	26.30 0.47 0.00	29.06 0.57 0.00	30.92 1.02 0.00	34.39 1.10 0.00	37.14 1.12 0.00	38.68 1.02 0.00	40.47 0.36 0.00	45.22 0.58 0.00	53.92 1.42 0.00	50.17 1.98 0.00	44.04 0.95 0.00	41.78 1.02 0.00	38.31 2.00 0.00	34.85 2.19 0.00	29.92 1.15 0.00
NEG CENTRAL___SENECA 23627	27.36 0.46 0.00	25.74 0.23 0.00	23.96 0.12 0.00	22.66 0.09 0.00	22.77 0.14 0.00	24.27 0.24 0.00	26.72 0.24 0.00	27.23 0.43 0.00	26.34 0.13 0.00	26.22 0.39 0.00	28.97 0.48 0.00	30.77 0.87 0.00	34.23 0.93 0.00	36.88 0.86 0.00	38.38 0.72 0.00	41.23 1.12 0.00	45.97 1.34 0.00	54.55 2.05 0.00	50.56 2.36 0.00	44.47 1.38 0.00	41.94 1.18 0.00	37.19 0.87 0.00	33.74 1.08 0.00	29.31 0.55 0.00
NEG CENTRAL___STATE_STREET 24147	27.12 0.22 0.00	25.61 0.10 0.00	23.89 0.05 0.00	22.62 0.05 0.00	22.71 0.07 0.00	24.15 0.12 0.00	26.62 0.13 0.00	26.96 0.16 0.00	26.21 0.00 0.00	26.02 0.18 0.00	28.68 0.20 0.00	30.29 0.39 0.00	33.76 0.47 0.00	36.52 0.50 0.00	38.12 0.45 0.00	40.79 0.68 0.00	45.48 0.85 0.00	53.77 1.26 0.00	49.59 1.40 0.00	43.91 0.82 0.00	41.53 0.77 0.00	36.86 0.54 0.00	33.21 0.56 0.00	29.06 0.29 0.00
NEG MILLWOOD___DRP 24198	28.49 1.59 0.00	26.83 1.33 0.00	25.05 1.22 0.00	23.66 1.08 0.00	23.77 1.13 0.00	25.16 1.13 0.00	27.89 1.40 0.00	28.32 1.53 0.00	27.91 1.70 0.00	27.75 1.91 0.00	30.76 2.28 0.00	32.20 2.30 0.00	36.03 2.73 0.00	38.94 2.92 0.00	40.71 3.05 0.00	43.40 3.29 0.00	48.70 4.06 0.00	57.13 4.62 0.00	52.10 3.90 0.00	46.63 3.53 0.00	43.78 3.02 0.00	38.86 2.54 0.00	34.91 2.25 0.00	30.81 2.04 0.00
NEG NORTH_FLCN_SEA 23793	27.52 0.62 0.00	26.25 0.74 0.00	24.48 0.64 0.00	23.21 0.63 0.00	23.23 0.59 0.00	24.80 0.77 0.00	27.28 0.79 0.00	27.71 0.91 0.00	27.15 0.94 0.00	26.71 0.88 0.00	29.45 0.97 0.00	30.92 1.02 0.00	34.39 1.10 0.00	37.32 1.30 0.00	39.06 1.39 0.00	41.47 1.36 0.00	46.02 1.38 0.00	54.29 1.79 0.00	49.83 1.64 0.00	44.64 1.55 0.00	42.19 1.43 0.00	37.37 1.05 0.00	33.51 0.85 0.00	29.46 0.69 0.00
NEG NORTH_KES_CHATEGAY 23792	26.80 -0.11 0.00	25.56 0.05 0.00	23.86 0.02 0.00	22.62 0.05 0.00	22.64 0.00 0.00	24.15 0.12 0.00	26.59 0.11 0.00	26.96 0.16 0.00	26.42 0.21 0.00	25.94 0.10 0.00	28.57 0.09 0.00	29.96 0.06 0.00	33.33 0.03 0.00	36.13 0.11 0.00	37.85 0.19 0.00	40.23 0.12 0.00	44.59 -0.04 0.00	52.51 0.00 0.00	48.19 0.00 0.00	43.27 0.17 0.00	40.96 0.20 0.00	36.35 0.04 0.00	32.56 -0.10 0.00	28.68 -0.09 0.00
NEG NORTH___ALICE_FALLS 23915	27.44 0.54 0.00	26.17 0.66 0.00	24.41 0.57 0.00	23.14 0.56 0.00	23.16 0.52 0.00	24.75 0.72 0.00	27.22 0.74 0.00	27.63 0.83 0.00	27.05 0.84 0.00	26.64 0.80 0.00	29.34 0.85 0.00	30.83 0.93 0.00	34.29 1.00 0.00	37.17 1.15 0.00	38.91 1.24 0.00	41.35 1.24 0.00	45.89 1.25 0.00	54.13 1.63 0.00	49.74 1.54 0.00	44.56 1.47 0.00	42.10 1.35 0.00	37.30 0.98 0.00	33.41 0.75 0.00	29.37 0.60 0.00
NEG NORTH___LWR_SARANAC 23913	27.44 0.54 0.00	26.17 0.66 0.00	24.41 0.57 0.00	23.14 0.56 0.00	23.16 0.52 0.00	24.75 0.72 0.00	27.22 0.74 0.00	27.63 0.83 0.00	27.05 0.84 0.00	26.64 0.80 0.00	29.34 0.85 0.00	30.83 0.93 0.00	34.29 1.00 0.00	37.17 1.15 0.00	38.91 1.24 0.00	41.35 1.24 0.00	45.89 1.25 0.00	54.13 1.63 0.00	49.74 1.54 0.00	44.56 1.47 0.00	42.10 1.35 0.00	37.30 0.98 0.00	33.41 0.75 0.00	29.37 0.60 0.00
NEG NORTH___PLATTSBURG 23628	27.44 0.54 0.00	26.17 0.66 0.00	24.41 0.57 0.00	23.14 0.56 0.00	23.16 0.52 0.00	24.75 0.72 0.00	27.22 0.74 0.00	27.60 0.80 0.00	27.07 0.86 0.00	26.64 0.80 0.00	29.34 0.85 0.00	30.83 0.93 0.00	34.29 1.00 0.00	37.17 1.15 0.00	38.91 1.24 0.00	41.35 1.24 0.00	45.93 1.30 0.00	54.13 1.63 0.00	49.74 1.54 0.00	44.73 1.64 0.00	42.10 1.34 0.00	37.30 0.98 0.00	33.41 0.75 0.00	29.37 0.61 0.00
NEG WEST_LEA_LOCKPORT 23791	26.91 0.00 0.00	25.15 -0.36 0.00	23.39 -0.45 0.00	22.15 -0.43 0.00	22.23 -0.41 0.00	23.67 -0.36 0.00	25.71 -0.77 0.00	26.45 -0.35 0.00	25.63 -0.58 0.00	25.63 -0.21 0.00	28.43 -0.06 0.00	30.41 0.51 0.00	33.69 0.40 0.00	36.24 0.22 0.00	37.40 -0.26 0.00	40.18 0.08 0.00	44.85 0.22 0.00	53.13 0.63 0.00	49.59 1.40 0.00	42.92 -0.17 0.00	40.43 -0.33 0.00	36.10 -0.22 0.00	32.89 0.23 0.00	28.51 -0.26 0.00
NEG WEST___LANCASTR 23811	27.15 0.24 0.00	25.41 -0.10 0.00	23.58 -0.26 0.00	22.35 -0.23 0.00	22.43 -0.20 0.00	23.89 -0.14 0.00	26.09 -0.40 0.00	26.77 -0.03 0.00	25.92 -0.29 0.00	25.97 0.13 0.00	28.88 0.40 0.00	30.86 0.96 0.00	34.26 0.97 0.00	37.03 1.01 0.00	38.01 0.34 -0.01	40.52 0.40 -0.01	44.91 0.27 -0.01	53.14 0.63 -0.01	49.16 0.96 -0.01	43.36 0.26 -0.01	41.09 0.33 0.00	36.57 0.25 0.00	33.25 0.59 0.00	28.85 0.09 0.00
NEG_PENN_ALLEGHNY 23528	27.44 0.54 0.00	25.89 0.38 0.00	24.15 0.31 0.00	22.87 0.29 0.00	22.95 0.32 0.00	24.39 0.36 0.00	26.91 0.42 0.00	27.28 0.48 0.00	26.55 0.34 0.00	26.35 0.52 0.00	29.11 0.63 0.00	30.71 0.81 0.00	34.19 0.90 0.00	37.03 1.01 0.00	38.64 0.98 0.00	41.27 1.16 0.00	45.97 1.34 0.00	54.24 1.73 0.00	49.98 1.78 0.00	44.26 1.16 0.00	41.90 1.14 0.00	37.26 0.94 0.00	33.61 0.95 0.00	29.40 0.63 0.00
NEG___GEN_MONROE 24207	27.34 0.43 0.00	25.69 0.18 0.00	23.89 0.05 0.00	22.55 -0.02 0.00	22.61 -0.02 0.00	24.13 0.10 0.00	26.35 -0.13 0.00	26.98 0.19 0.00	26.13 -0.08 0.00	26.02 0.18 0.00	28.77 0.28 0.00	30.62 0.72 0.00	33.96 0.67 0.00	36.67 0.65 0.00	38.15 0.49 0.00	40.99 0.88 0.00	45.75 1.12 0.00	54.39 1.89 0.00	50.60 2.41 0.00	44.13 1.03 0.00	41.53 0.77 0.00	36.97 0.65 0.00	33.51 0.85 0.00	29.17 0.40 0.00

NEPA___ENERGY 23901	27.28 0.38 0.00	25.53 0.03 0.00	23.72 -0.12 0.00	22.48 -0.09 0.00	22.57 -0.07 0.00	24.01 -0.02 0.00	26.24 -0.24 0.00	26.98 0.19 0.00	26.13 -0.08 0.00	26.17 0.34 0.00	29.11 0.63 0.00	31.10 1.20 0.00	34.49 1.20 0.00	37.21 1.19 0.00	38.39 0.72 -0.01	41.24 1.12 -0.01	45.89 1.25 -0.01	54.30 1.79 -0.01	50.52 2.31 -0.01	43.96 0.86 -0.01	41.37 0.61 0.00	36.86 0.54 0.00	33.51 0.85 0.00	28.97 0.20 0.00
NEVERSINK___HYD 23608	28.25 1.34 0.00	26.63 1.12 0.00	24.89 1.05 0.00	23.52 0.95 0.00	23.57 0.93 0.00	24.97 0.94 0.00	27.59 1.11 0.00	28.03 1.23 0.00	27.54 1.34 0.00	27.39 1.55 0.00	30.28 1.80 0.00	31.72 1.82 0.00	35.43 2.13 0.00	38.29 2.27 0.00	40.08 2.41 0.00	42.79 2.69 0.00	47.94 3.30 0.00	56.39 3.89 0.00	51.62 3.42 0.00	46.03 2.93 0.00	43.29 2.53 0.00	38.50 2.18 0.00	34.55 1.89 0.00	30.55 1.78 0.00
NEWKRMKL_115KV_TB1 55635	27.34 0.43 0.00	25.86 0.36 0.00	24.15 0.31 0.00	22.96 0.38 0.00	23.02 0.38 0.00	24.37 0.34 0.00	26.85 0.37 0.00	27.20 0.40 0.00	26.68 0.47 0.00	26.40 0.57 0.00	29.00 0.51 0.00	30.41 0.51 0.00	33.89 0.60 0.00	36.67 0.65 0.00	38.42 0.75 0.00	40.83 0.72 0.00	45.57 0.94 0.00	53.66 1.16 0.00	49.25 1.06 0.00	44.13 1.03 0.00	41.66 0.90 0.00	37.12 0.80 0.00	33.31 0.65 0.00	29.40 0.63 0.00
NEWTON___FALLS_HYD 23847	25.83 -1.08 0.00	24.54 -0.97 0.00	22.98 -0.86 0.00	21.74 -0.84 0.00	21.80 -0.84 0.00	23.24 -0.79 0.00	25.61 -0.87 0.00	25.89 -0.91 0.00	25.18 -1.02 0.00	24.70 -1.14 0.00	27.18 -1.31 0.00	28.55 -1.35 0.00	31.76 -1.53 0.00	34.44 -1.58 0.00	36.12 -1.54 0.00	38.50 -1.60 0.00	42.81 -1.83 0.00	50.19 -2.31 0.00	46.27 -1.93 0.00	41.89 -1.21 0.00	39.70 -1.06 0.00	35.30 -1.02 0.00	31.65 -1.01 0.00	27.91 -0.86 0.00
NGRID_A1_DSASP 323792	26.39 -0.51 0.00	24.69 -0.82 0.00	22.96 -0.88 0.00	21.74 -0.83 0.00	21.84 -0.79 0.00	23.21 -0.82 0.00	25.45 -1.03 0.00	25.91 -0.88 0.00	25.11 -1.10 0.00	25.09 -0.75 0.00	27.86 -0.63 0.00	29.75 -0.15 0.00	32.96 -0.33 0.00	35.37 -0.65 0.00	36.57 -1.09 0.00	39.23 -0.88 0.00	43.74 -0.89 0.00	51.77 -0.74 0.00	48.29 0.10 0.00	41.71 -1.38 0.00	39.42 -1.34 0.00	35.30 -1.02 0.00	32.46 -0.19 0.00	27.88 -0.89 0.00
NGRID_A2_DSASP 323793	26.39 -0.51 0.00	24.69 -0.82 0.00	22.96 -0.88 0.00	21.74 -0.83 0.00	21.84 -0.79 0.00	23.21 -0.82 0.00	25.45 -1.03 0.00	25.91 -0.88 0.00	25.11 -1.10 0.00	25.09 -0.75 0.00	27.86 -0.63 0.00	29.75 -0.15 0.00	32.96 -0.33 0.00	35.37 -0.65 0.00	36.57 -1.09 0.00	39.23 -0.88 0.00	43.74 -0.89 0.00	51.77 -0.74 0.00	48.29 0.10 0.00	41.71 -1.38 0.00	39.42 -1.34 0.00	35.30 -1.02 0.00	32.46 -0.19 0.00	27.88 -0.89 0.00
NGRID_A4_DSASP 323807	26.39 -0.51 0.00	24.69 -0.82 0.00	22.96 -0.88 0.00	21.74 -0.83 0.00	21.84 -0.79 0.00	23.21 -0.82 0.00	25.45 -1.03 0.00	25.91 -0.88 0.00	25.11 -1.10 0.00	25.09 -0.75 0.00	27.86 -0.63 0.00	29.75 -0.15 0.00	32.96 -0.33 0.00	35.37 -0.65 0.00	36.57 -1.09 0.00	39.23 -0.88 0.00	43.74 -0.89 0.00	51.77 -0.74 0.00	48.29 0.10 0.00	41.71 -1.38 0.00	39.42 -1.34 0.00	35.30 -1.02 0.00	32.46 -0.19 0.00	27.88 -0.89 0.00
NIAGARA_115E_LBMP 323715	26.47 -0.43 0.00	24.77 -0.74 0.00	23.03 -0.81 0.00	21.81 -0.77 0.00	21.91 -0.73 0.00	23.29 -0.75 0.00	25.56 -0.93 0.00	26.02 -0.78 0.00	25.21 -1.00 0.00	25.19 -0.64 0.00	27.97 -0.51 0.00	29.87 -0.03 0.00	33.10 -0.20 0.00	35.55 -0.47 0.00	36.76 -0.90 0.00	39.42 -0.68 0.00	43.97 -0.67 0.00	52.03 -0.47 0.00	48.53 0.34 0.00	41.97 -1.12 0.00	39.66 -1.10 0.00	35.48 -0.83 0.00	32.63 -0.03 0.00	28.02 -0.75 0.00
NIAGARA_115W_LBMP 323714	26.31 -0.59 0.00	24.64 -0.87 0.00	22.91 -0.93 0.00	21.69 -0.88 0.00	21.80 -0.84 0.00	23.17 -0.86 0.00	25.40 -1.09 0.00	25.83 -0.96 0.00	25.05 -1.15 0.00	25.04 -0.80 0.00	27.80 -0.68 0.00	29.66 -0.24 0.00	32.86 -0.43 0.00	35.26 -0.76 0.00	36.46 -1.21 0.00	39.10 -1.00 0.00	43.61 -1.02 0.00	51.66 -0.84 0.00	48.14 -0.05 0.00	41.63 -1.47 0.00	39.29 -1.47 0.00	35.19 -1.13 0.00	32.40 -0.26 0.00	27.82 -0.95 0.00
NIAGARA_230_LBMP 323716	26.53 -0.38 0.00	24.84 -0.66 0.00	23.10 -0.74 0.00	21.87 -0.70 0.00	21.96 -0.68 0.00	23.36 -0.67 0.00	25.61 -0.87 0.00	26.05 -0.75 0.00	25.26 -0.94 0.00	25.24 -0.59 0.00	28.00 -0.48 0.00	29.90 0.00 0.00	33.10 -0.20 0.00	35.55 -0.47 0.00	36.77 -0.86 0.03	39.44 -0.64 0.03	43.98 -0.62 0.03	52.11 -0.36 0.03	48.55 0.38 0.03	41.99 -1.08 0.03	39.66 -1.10 0.00	35.52 -0.80 0.00	32.66 0.00 0.00	28.05 -0.72 0.00
NIAGARA___115KV_198_GIBSON 55903	26.31 -0.59 0.00	24.64 -0.87 0.00	22.91 -0.93 0.00	21.69 -0.88 0.00	21.78 -0.86 0.00	23.17 -0.87 0.00	25.16 -1.32 0.00	25.83 -0.96 0.00	25.05 -1.15 0.00	25.04 -0.80 0.00	27.77 -0.71 0.00	29.66 -0.24 0.00	32.86 -0.43 0.00	35.26 -0.76 0.00	36.34 -1.32 0.00	39.10 -1.00 0.00	43.61 -1.03 0.00	51.61 -0.89 0.00	48.24 0.05 0.00	41.71 -1.38 0.00	39.29 -1.47 0.00	35.15 -1.16 0.00	32.07 -0.59 0.00	27.82 -0.95 0.00
NIAGARA___ 23760	26.53 -0.38 0.00	24.84 -0.66 0.00	23.10 -0.74 0.00	21.87 -0.70 0.00	21.96 -0.68 0.00	23.36 -0.67 0.00	25.61 -0.87 0.00	26.05 -0.75 0.00	25.26 -0.94 0.00	25.24 -0.59 0.00	28.00 -0.48 0.00	29.90 0.00 0.00	33.10 -0.20 0.00	35.55 -0.47 0.00	36.78 -0.86 0.02	39.45 -0.64 0.02	43.99 -0.62 0.02	52.12 -0.36 0.02	48.56 0.38 0.02	42.00 -1.08 0.02	39.66 -1.10 0.00	35.52 -0.80 0.00	32.66 0.00 0.00	28.05 -0.72 0.00
NINE_MILE_1 23575	26.31 -0.59 0.00	24.90 -0.61 0.00	23.24 -0.60 0.00	22.01 -0.56 0.00	22.09 -0.54 0.00	23.45 -0.58 0.00	25.85 -0.64 0.00	26.07 -0.72 0.00	25.42 -0.79 0.00	25.14 -0.70 0.00	27.72 -0.77 0.00	29.18 -0.72 0.00	32.46 -0.83 0.00	35.16 -0.86 0.00	36.72 -0.94 0.00	39.19 -0.92 0.00	43.65 -0.98 0.00	51.46 -1.05 0.00	47.33 -0.87 0.00	42.06 -1.03 0.00	39.78 -0.98 0.00	35.44 -0.87 0.00	31.94 -0.72 0.00	28.05 -0.72 0.00
NINE_MILE_2 23744	26.31 -0.59 0.00	24.90 -0.61 0.00	23.24 -0.60 0.00	22.01 -0.56 0.00	22.09 -0.54 0.00	23.45 -0.58 0.00	25.85 -0.64 0.00	26.07 -0.72 0.00	25.42 -0.79 0.00	25.14 -0.70 0.00	27.72 -0.77 0.00	29.18 -0.72 0.00	32.46 -0.83 0.00	35.16 -0.86 0.00	36.72 -0.94 0.00	39.19 -0.92 0.00	43.65 -0.98 0.00	51.46 -1.05 0.00	47.33 -0.87 0.00	42.06 -1.03 0.00	39.78 -0.98 0.00	35.44 -0.87 0.00	31.94 -0.72 0.00	28.05 -0.72 0.00
NM_CAPITAL___DRP 24208	27.39 0.48 0.00	25.92 0.41 0.00	24.22 0.38 0.00	22.98 0.41 0.00	23.04 0.41 0.00	24.42 0.38 0.00	26.88 0.40 0.00	27.23 0.43 0.00	26.70 0.50 0.00	26.43 0.59 0.00	29.03 0.54 0.00	30.47 0.57 0.00	33.96 0.67 0.00	36.70 0.68 0.00	38.45 0.79 0.00	40.87 0.76 0.00	45.62 0.98 0.00	53.66 1.16 0.00	49.25 1.06 0.00	44.13 1.03 0.00	41.70 0.94 0.00	37.15 0.84 0.00	33.35 0.69 0.00	29.46 0.69 0.00

NM_CENTRAL___DRP 24181	26.88 -0.03 0.00	25.41 -0.10 0.00	23.70 -0.14 0.00	22.44 -0.14 0.00	22.52 -0.11 0.00	23.91 -0.12 0.00	26.38 -0.11 0.00	26.66 -0.13 0.00	25.97 -0.24 0.00	25.73 -0.10 0.00	28.40 -0.09 0.00	29.93 0.03 0.00	33.33 0.03 0.00	36.09 0.07 0.00	37.66 0.00 0.00	40.23 0.12 0.00	44.81 0.18 0.00	52.87 0.37 0.00	48.68 0.48 0.00	43.22 0.13 0.00	40.84 0.08 0.00	36.35 0.04 0.00	32.72 0.07 0.00	28.74 -0.03 0.00
NM_FRONTIER___DRP 24179	26.31 -0.59 0.00	24.64 -0.87 0.00	22.91 -0.93 0.00	21.69 -0.88 0.00	21.78 -0.86 0.00	23.17 -0.87 0.00	25.16 -1.32 0.00	25.83 -0.96 0.00	25.05 -1.15 0.00	25.04 -0.80 0.00	27.77 -0.71 0.00	29.66 -0.24 0.00	32.86 -0.43 0.00	35.26 -0.76 0.00	36.34 -1.32 0.00	39.10 -1.00 0.00	43.61 -1.03 0.00	51.61 -0.89 0.00	48.24 0.05 0.00	41.71 -1.38 0.00	39.29 -1.47 0.00	35.15 -1.16 0.00	32.07 -0.59 0.00	27.82 -0.95 0.00
NM_ST_REGIS___HYD 24053	26.02 -0.89 0.00	24.82 -0.69 0.00	23.22 -0.62 0.00	21.99 -0.59 0.00	22.03 -0.61 0.00	23.48 -0.55 0.00	25.87 -0.61 0.00	26.15 -0.64 0.00	25.55 -0.66 0.00	25.01 -0.83 0.00	27.55 -0.94 0.00	28.85 -1.05 0.00	32.10 -1.20 0.00	34.83 -1.19 0.00	36.50 -1.17 0.00	38.82 -1.28 0.00	42.89 -1.74 0.00	50.04 -2.47 0.00	45.98 -2.22 0.00	41.84 -1.25 0.00	39.70 -1.06 0.00	35.23 -1.09 0.00	31.65 -1.01 0.00	27.96 -0.81 0.00
NORTHPORT___1 23551	31.55 2.07 -2.57	27.32 1.81 0.00	25.56 1.72 0.00	24.11 1.54 0.00	24.06 1.43 0.00	25.67 1.63 0.00	28.23 1.75 0.00	28.97 2.17 0.00	28.43 2.23 0.00	28.29 2.46 0.00	33.90 2.73 -2.68	36.01 2.57 -3.54	37.55 2.80 -1.46	38.61 2.59 0.00	40.49 2.71 -0.12	43.22 2.97 -0.14	47.12 3.61 1.13	53.06 4.36 3.80	51.52 3.32 0.00	45.77 2.67 0.00	43.29 2.53 0.00	38.60 2.29 0.00	34.42 1.76 0.00	33.24 2.39 -2.09
NORTHPORT___2 23552	31.55 2.07 -2.57	27.32 1.81 0.00	25.56 1.72 0.00	24.11 1.54 0.00	24.06 1.43 0.00	25.67 1.63 0.00	28.23 1.75 0.00	28.97 2.17 0.00	28.43 2.23 0.00	28.29 2.46 0.00	33.90 2.73 -2.68	36.01 2.57 -3.54	37.55 2.80 -1.46	38.61 2.59 0.00	40.49 2.71 -0.12	43.22 2.97 -0.14	47.12 3.61 1.13	53.06 4.36 3.80	51.52 3.32 0.00	45.77 2.67 0.00	43.29 2.53 0.00	38.60 2.29 0.00	34.42 1.76 0.00	33.24 2.39 -2.09
NORTHPORT___3 23553	30.87 1.40 -2.57	26.63 1.12 0.00	24.91 1.07 0.00	23.50 0.93 0.00	23.48 0.84 0.00	25.02 0.99 0.00	27.54 1.06 0.00	28.22 1.42 0.00	27.78 1.57 0.00	27.67 1.83 0.00	33.38 2.22 -2.67	35.70 2.27 -3.53	37.31 2.56 -1.45	38.64 2.63 0.01	40.50 2.71 -0.13	43.15 2.89 -0.16	47.16 3.66 1.14	53.00 4.31 3.81	51.41 3.23 0.01	45.58 2.50 0.01	43.07 2.32 0.01	38.45 2.14 0.01	34.28 1.63 0.01	32.66 1.81 -2.08
NORTHPORT___4 23650	30.87 1.40 -2.57	26.63 1.12 0.00	24.91 1.07 0.00	23.50 0.93 0.00	23.48 0.84 0.00	25.02 0.99 0.00	27.54 1.06 0.00	28.22 1.42 0.00	27.78 1.57 0.00	27.67 1.83 0.00	33.38 2.22 -2.67	35.70 2.27 -3.53	37.31 2.56 -1.45	38.64 2.63 0.01	40.50 2.71 -0.13	43.15 2.89 -0.16	47.16 3.66 1.14	53.00 4.31 3.81	51.41 3.23 0.01	45.58 2.50 0.01	43.07 2.32 0.01	38.45 2.14 0.01	34.28 1.63 0.01	32.66 1.81 -2.08
NORTHPORT___IC 23718	31.55 2.07 -2.57	27.32 1.81 0.00	25.56 1.72 0.00	24.11 1.54 0.00	24.06 1.43 0.00	25.67 1.63 0.00	28.23 1.75 0.00	28.97 2.17 0.00	28.43 2.23 0.00	28.29 2.45 0.00	33.90 2.73 -2.68	36.01 2.57 -3.54	37.55 2.80 -1.46	38.61 2.59 0.00	40.45 2.67 -0.12	43.34 3.09 -0.14	47.21 3.70 1.13	53.06 4.36 3.80	51.57 3.37 0.00	46.33 3.23 0.00	43.25 2.49 0.00	38.64 2.32 0.00	34.91 2.25 0.00	33.24 2.39 -2.09
NORTH___COUNTRY_ESR 323785	26.72 -0.19 0.00	25.48 -0.03 0.00	23.79 -0.05 0.00	22.55 -0.02 0.00	22.59 -0.05 0.00	24.08 0.05 0.00	26.51 0.03 0.00	26.88 0.08 0.00	26.39 0.18 0.00	25.89 0.05 0.00	28.54 0.06 0.00	29.93 0.03 0.00	33.30 0.00 0.00	36.09 0.07 0.00	37.74 0.08 0.00	40.15 0.04 0.00	44.55 -0.09 0.00	52.30 -0.21 0.00	48.00 -0.19 0.00	43.31 0.22 0.00	40.80 0.04 0.00	36.21 -0.11 0.00	32.46 -0.19 0.00	28.60 -0.17 0.00
NPX_GEN_1385_PROXY 323591	31.20 1.72 -2.57	27.19 1.68 0.00	25.39 1.55 0.00	23.95 1.38 0.00	23.90 1.27 0.00	25.50 1.47 0.00	28.15 1.67 0.00	28.99 2.20 0.00	28.25 2.05 0.00	27.93 2.09 0.00	33.13 1.96 -2.68	35.20 1.76 -3.54	36.75 2.00 -1.46	37.75 1.73 0.00	39.85 2.07 -0.12	42.57 2.33 -0.14	46.50 2.50 0.63	51.20 2.99 4.30	50.55 2.36 0.00	45.42 2.33 0.00	43.00 2.24 0.00	38.35 2.03 0.00	33.83 1.17 0.00	32.72 1.87 -2.09
NPX_GEN_CSC 323557	31.31 1.83 -2.57	27.06 1.56 0.00	25.34 1.50 0.00	23.91 1.33 0.00	23.84 1.20 0.00	25.45 1.42 0.00	27.91 1.43 0.00	28.67 1.88 0.00	28.12 1.91 0.00	28.01 2.17 0.00	33.84 2.68 -2.68	36.19 2.75 -3.54	37.92 3.16 -1.46	39.26 3.24 0.00	41.15 3.35 -0.13	44.00 3.73 -0.16	50.11 4.64 -0.83	65.35 5.72 -7.13	52.68 4.48 0.00	46.63 3.53 0.00	44.06 3.30 0.00	39.23 2.91 0.00	34.85 2.19 0.00	33.30 2.44 -2.09
NSINS_S___GLNS_FALLS 23858	29.08 2.18 0.00	27.47 1.96 0.00	25.51 1.67 0.00	24.11 1.54 0.00	24.20 1.56 0.00	25.74 1.71 0.00	28.55 2.07 0.00	28.83 2.04 0.00	28.17 1.97 0.00	27.88 2.04 0.00	30.42 1.94 0.00	31.93 2.03 0.00	35.63 2.33 0.00	38.36 2.34 0.00	40.23 2.56 0.00	42.79 2.69 0.00	47.80 3.17 0.00	56.76 4.25 0.00	52.87 4.67 0.00	47.27 4.18 0.00	45.08 4.32 0.00	40.06 3.74 0.00	35.73 3.07 0.00	31.44 2.68 0.00
NUCOR_STEEL___DRP 24197	27.15 0.24 0.00	25.64 0.13 0.00	23.91 0.07 0.00	22.64 0.07 0.00	22.71 0.07 0.00	24.13 0.10 0.00	26.59 0.11 0.00	26.90 0.11 0.00	26.15 -0.05 0.00	25.91 0.08 0.00	28.60 0.11 0.00	30.17 0.27 0.00	33.63 0.33 0.00	36.38 0.36 0.00	37.97 0.30 0.00	40.63 0.52 0.00	45.26 0.62 0.00	53.56 1.05 0.00	49.40 1.20 0.00	43.78 0.69 0.00	41.37 0.61 0.00	36.79 0.47 0.00	33.15 0.49 0.00	29.03 0.26 0.00
NUMBER_THREE_WT_PWR 323818	26.50 -0.40 0.00	25.07 -0.43 0.00	23.58 -0.26 0.00	22.30 -0.27 0.00	22.37 -0.27 0.00	23.84 -0.19 0.00	26.30 -0.18 0.00	26.58 -0.22 0.00	25.79 -0.42 0.00	25.37 -0.46 0.00	27.89 -0.60 0.00	29.36 -0.54 0.00	32.63 -0.67 0.00	35.44 -0.58 0.00	37.17 -0.49 0.00	39.71 -0.40 0.00	44.37 -0.27 0.00	52.35 -0.16 0.00	48.39 0.19 0.00	43.40 0.30 0.00	41.08 0.32 0.00	36.54 0.22 0.00	32.69 0.03 0.00	28.74 -0.03 0.00
NYISO_LBMP_REFERENCE 24008	26.91 0.00 0.00	25.51 0.00 0.00	23.84 0.00 0.00	22.57 0.00 0.00	22.64 0.00 0.00	24.03 0.00 0.00	26.48 0.00 0.00	26.80 0.00 0.00	26.21 0.00 0.00	25.84 0.00 0.00	28.49 0.00 0.00	29.90 0.00 0.00	33.30 0.00 0.00	36.02 0.00 0.00	37.66 0.00 0.00	40.11 0.00 0.00	44.64 0.00 0.00	52.51 0.00 0.00	48.19 0.00 0.00	43.09 0.00 0.00	40.76 0.00 0.00	36.32 0.00 0.00	32.66 0.00 0.00	28.77 0.00 0.00

OAK ORCHARD___HYD 24046	27.04 0.14 0.00	25.41 -0.10 0.00	23.65 -0.19 0.00	22.37 -0.20 0.00	22.46 -0.18 0.00	23.91 -0.12 0.00	26.30 -0.18 0.00	26.80 0.00 0.00	26.00 -0.21 0.00	25.89 0.05 0.00	28.63 0.14 0.00	30.47 0.57 0.00	33.80 0.50 0.00	36.49 0.47 0.00	38.12 0.45 0.00	40.87 0.76 0.00	45.66 1.03 0.00	54.24 1.73 0.00	50.17 1.98 0.00	43.74 0.65 0.00	41.21 0.45 0.00	36.72 0.40 0.00	33.38 0.72 0.00	28.85 0.09 0.00
OAKDALE___35_KV_LOAD 356122	27.34 0.43 0.00	25.79 0.28 0.00	24.05 0.21 0.00	22.78 0.20 0.00	22.86 0.23 0.00	24.27 0.24 0.00	26.75 0.26 0.00	27.14 0.35 0.00	26.44 0.24 0.00	26.25 0.41 0.00	29.00 0.51 0.00	30.56 0.66 0.00	34.03 0.73 0.00	36.81 0.79 0.00	38.42 0.75 0.00	40.99 0.88 0.00	45.71 1.07 0.00	53.92 1.42 0.00	49.64 1.45 0.00	44.09 0.99 0.00	41.62 0.86 0.00	37.04 0.73 0.00	33.38 0.72 0.00	29.26 0.49 0.00
OCC_CHEM___DRP 24175	26.39 -0.51 0.00	24.69 -0.82 0.00	22.96 -0.88 0.00	21.74 -0.84 0.00	21.84 -0.79 0.00	23.21 -0.82 0.00	25.24 -1.24 0.00	25.91 -0.88 0.00	25.11 -1.10 0.00	25.09 -0.75 0.00	27.86 -0.63 0.00	29.75 -0.15 0.00	32.96 -0.33 0.00	35.37 -0.65 0.00	36.46 -1.21 0.00	39.23 -0.88 0.00	43.74 -0.89 0.00	51.77 -0.74 0.00	48.39 0.19 0.00	41.80 -1.29 0.00	39.37 -1.39 0.00	35.23 -1.09 0.00	32.14 -0.52 0.00	27.88 -0.89 0.00
OH_GEN_PROXY 24063	26.53 -0.38 0.00	24.84 -0.66 0.00	23.10 -0.74 0.00	21.87 -0.70 0.00	21.98 -0.66 0.00	23.36 -0.67 0.00	25.63 -0.85 0.00	26.10 -0.70 0.00	25.32 -0.89 0.00	25.29 -0.54 0.00	28.06 -0.43 0.00	29.93 0.03 0.00	33.16 -0.13 0.00	35.62 -0.40 0.00	36.91 -0.75 0.00	39.58 -0.52 0.00	44.64 -0.49 -0.50	51.80 -0.21 0.50	48.72 0.53 0.00	42.15 -0.95 0.00	39.74 -1.02 0.00	35.55 -0.76 0.00	32.66 0.00 0.00	28.08 -0.69 0.00
OLIN_CORP_DRP 24177	26.50 -0.40 0.00	24.82 -0.69 0.00	23.05 -0.79 0.00	21.85 -0.72 0.00	21.94 -0.70 0.00	23.33 -0.70 0.00	25.34 -1.14 0.00	26.05 -0.75 0.00	25.24 -0.97 0.00	25.22 -0.62 0.00	28.00 -0.48 0.00	29.90 0.00 0.00	33.13 -0.17 0.00	35.59 -0.43 0.00	36.73 -0.94 0.00	39.47 -0.64 0.00	44.01 -0.62 0.00	52.14 -0.37 0.00	48.68 0.48 0.00	42.10 -0.99 0.00	39.70 -1.06 0.00	35.48 -0.84 0.00	32.37 -0.29 0.00	28.05 -0.72 0.00
OLIN_CORP_DSASP 323712	26.39 -0.51 0.00	24.69 -0.82 0.00	22.96 -0.88 0.00	21.74 -0.83 0.00	21.84 -0.79 0.00	23.21 -0.82 0.00	25.45 -1.03 0.00	25.91 -0.88 0.00	25.11 -1.10 0.00	25.09 -0.75 0.00	27.86 -0.63 0.00	29.75 -0.15 0.00	32.96 -0.33 0.00	35.37 -0.65 0.00	36.57 -1.09 0.00	39.23 -0.88 0.00	43.74 -0.89 0.00	51.77 -0.74 0.00	48.29 0.10 0.00	41.71 -1.38 0.00	39.42 -1.34 0.00	35.30 -1.02 0.00	32.46 -0.19 0.00	27.88 -0.89 0.00
ONEIDA_HERK_LFGE 323681	27.23 0.32 0.00	25.74 0.23 0.00	24.08 0.24 0.00	22.78 0.20 0.00	22.86 0.23 0.00	24.32 0.29 0.00	26.83 0.34 0.00	27.14 0.35 0.00	26.39 0.18 0.00	26.02 0.18 0.00	28.66 0.17 0.00	30.14 0.24 0.00	33.53 0.23 0.00	36.38 0.36 0.00	38.15 0.49 0.00	40.75 0.64 0.00	45.48 0.85 0.00	53.71 1.21 0.00	49.50 1.30 0.00	44.21 1.12 0.00	41.82 1.06 0.00	37.22 0.91 0.00	33.35 0.69 0.00	29.31 0.55 0.00
ONEIDA___115KV_TB4 55905	27.77 0.86 0.00	26.20 0.69 0.00	24.44 0.60 0.00	23.12 0.54 0.00	23.20 0.57 0.00	24.68 0.65 0.00	27.22 0.74 0.00	27.55 0.75 0.00	26.76 0.55 0.00	26.46 0.62 0.00	29.14 0.66 0.00	30.71 0.81 0.00	34.19 0.90 0.00	37.10 1.08 0.00	38.79 1.13 0.00	41.47 1.36 0.00	46.33 1.70 0.00	54.76 2.26 0.00	50.51 2.31 0.00	44.99 1.90 0.00	42.51 1.75 0.00	37.81 1.49 0.00	33.90 1.24 0.00	29.77 1.01 0.00
ONONDAGA_REF_OCCRA 23987	26.88 -0.03 0.00	25.41 -0.10 0.00	23.70 -0.14 0.00	22.44 -0.14 0.00	22.50 -0.14 0.00	23.91 -0.12 0.00	26.38 -0.11 0.00	26.66 -0.13 0.00	25.97 -0.24 0.00	25.73 -0.10 0.00	28.40 -0.09 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.70 0.04 0.00	40.27 0.16 0.00	44.86 0.22 0.00	52.93 0.42 0.00	48.68 0.48 0.00	43.27 0.17 0.00	40.88 0.12 0.00	36.39 0.07 0.00	32.72 0.07 0.00	28.71 -0.06 0.00
ONONDAGA___COGEN 23986	27.04 0.13 0.00	25.56 0.05 0.00	23.84 0.00 0.00	22.57 0.00 0.00	22.66 0.02 0.00	24.08 0.05 0.00	26.56 0.08 0.00	26.82 0.03 0.00	26.10 -0.10 0.00	25.86 0.03 0.00	28.51 0.03 0.00	30.08 0.18 0.00	33.49 0.20 0.00	36.31 0.29 0.00	37.89 0.23 0.00	40.47 0.36 0.00	45.08 0.45 0.00	53.24 0.74 0.00	49.01 0.82 0.00	43.52 0.43 0.00	41.17 0.41 0.00	36.61 0.29 0.00	32.95 0.29 0.00	28.91 0.14 0.00
ONTARIO___LFGE 23819	27.36 0.46 0.00	25.74 0.23 0.00	23.96 0.12 0.00	22.66 0.09 0.00	22.77 0.14 0.00	24.27 0.24 0.00	26.83 0.34 0.00	27.25 0.46 0.00	26.34 0.13 0.00	26.22 0.39 0.00	28.97 0.48 0.00	30.77 0.87 0.00	34.23 0.93 0.00	36.92 0.90 0.00	38.46 0.79 0.00	41.23 1.12 0.00	45.97 1.34 0.00	54.55 2.05 0.00	50.51 2.31 0.00	44.34 1.25 0.00	41.98 1.22 0.00	37.22 0.91 0.00	33.87 1.21 0.00	29.31 0.55 0.00
ORANGEVILLE_WT_PWR 323706	27.10 0.19 0.00	25.38 -0.13 0.00	23.58 -0.26 0.00	22.33 -0.25 0.00	22.41 -0.23 0.00	23.86 -0.17 0.00	26.24 -0.24 0.00	26.74 -0.05 0.00	25.89 -0.31 0.00	25.89 0.05 0.00	28.74 0.26 0.00	30.71 0.81 0.00	34.06 0.77 0.00	36.74 0.72 0.00	38.01 0.34 0.00	40.71 0.60 0.00	45.31 0.67 0.00	53.61 1.10 0.00	49.88 1.69 0.00	43.36 0.26 0.00	40.96 0.20 0.00	36.61 0.29 0.00	33.54 0.88 0.00	28.80 0.03 0.00
ORANGEVILLE___ESR 323794	27.10 0.19 0.00	25.38 -0.13 0.00	23.58 -0.26 0.00	22.33 -0.25 0.00	22.41 -0.23 0.00	23.86 -0.17 0.00	26.24 -0.24 0.00	26.74 -0.05 0.00	25.89 -0.31 0.00	25.89 0.05 0.00	28.74 0.26 0.00	30.71 0.81 0.00	34.06 0.77 0.00	36.74 0.72 0.00	38.01 0.34 0.00	40.71 0.60 0.00	45.31 0.67 0.00	53.61 1.10 0.00	49.88 1.69 0.00	43.36 0.26 0.00	40.96 0.20 0.00	36.61 0.29 0.00	33.54 0.88 0.00	28.80 0.03 0.00
OSWEGATCHIE___HYD 24044	25.83 -1.08 0.00	24.54 -0.97 0.00	22.98 -0.86 0.00	21.74 -0.83 0.00	21.80 -0.84 0.00	23.24 -0.79 0.00	25.61 -0.87 0.00	25.89 -0.91 0.00	25.18 -1.02 0.00	24.70 -1.14 0.00	27.18 -1.31 0.00	28.55 -1.34 0.00	31.76 -1.53 0.00	34.44 -1.58 0.00	36.12 -1.55 0.00	38.50 -1.61 0.00	42.89 -1.74 0.00	50.20 -2.31 0.00	46.26 -1.93 0.00	41.97 -1.12 0.00	39.70 -1.06 0.00	35.30 -1.02 0.00	31.61 -1.05 0.00	27.91 -0.86 0.00
OSWEGO___5 23606	26.50 -0.40 0.00	25.05 -0.46 0.00	23.41 -0.43 0.00	22.17 -0.41 0.00	22.23 -0.41 0.00	23.60 -0.43 0.00	26.03 -0.45 0.00	26.26 -0.54 0.00	25.61 -0.60 0.00	25.34 -0.49 0.00	27.94 -0.54 0.00	29.42 -0.48 0.00	32.76 -0.53 0.00	35.44 -0.58 0.00	37.02 -0.64 0.00	39.46 -0.64 0.00	44.01 -0.62 0.00	51.88 -0.63 0.00	47.71 -0.48 0.00	42.40 -0.69 0.00	40.11 -0.65 0.00	35.73 -0.58 0.00	32.23 -0.43 0.00	28.28 -0.49 0.00

OSWEGO___6 23613	26.50 -0.40 0.00	25.05 -0.46 0.00	23.41 -0.43 0.00	22.17 -0.41 0.00	22.23 -0.41 0.00	23.60 -0.43 0.00	26.03 -0.45 0.00	26.26 -0.54 0.00	25.61 -0.60 0.00	25.34 -0.49 0.00	27.94 -0.54 0.00	29.42 -0.48 0.00	32.76 -0.53 0.00	35.44 -0.58 0.00	37.02 -0.64 0.00	39.46 -0.64 0.00	44.01 -0.62 0.00	51.88 -0.63 0.00	47.71 -0.48 0.00	42.40 -0.69 0.00	40.11 -0.65 0.00	35.73 -0.58 0.00	32.23 -0.43 0.00	28.28 -0.49 0.00
OUTOKUMPU-AB___DRP 24206	27.09 0.19 0.00	25.35 -0.15 0.00	23.55 -0.29 0.00	22.30 -0.27 0.00	22.39 -0.25 0.00	23.81 -0.22 0.00	25.93 -0.56 0.00	26.66 -0.13 0.00	25.84 -0.37 0.00	25.84 0.00 0.00	28.71 0.23 0.00	30.74 0.84 0.00	34.06 0.77 0.00	36.70 0.68 0.00	37.89 0.23 0.00	40.67 0.56 0.00	45.35 0.71 0.00	53.66 1.16 0.00	50.08 1.88 0.00	43.31 0.22 0.00	40.80 0.04 0.00	36.43 0.11 0.00	33.15 0.49 0.00	28.74 -0.03 0.00
OXBOW___BTM 323836	26.77 -0.13 0.00	25.05 -0.46 0.00	23.27 -0.57 0.00	22.03 -0.54 0.00	22.12 -0.52 0.00	23.53 -0.51 0.00	25.82 -0.66 0.00	26.31 -0.48 0.00	25.50 -0.71 0.00	25.50 -0.34 0.00	28.32 -0.17 0.00	30.29 0.39 0.00	33.56 0.27 0.00	36.13 0.11 0.00	37.36 -0.30 0.00	40.03 -0.08 0.00	44.64 0.00 0.00	52.88 0.37 0.00	49.25 1.06 0.00	42.53 -0.56 0.00	40.19 -0.57 0.00	35.92 -0.40 0.00	33.05 0.39 0.00	28.37 -0.40 0.00
OXBOW____ 24026	26.77 -0.13 0.00	25.05 -0.46 0.00	23.27 -0.57 0.00	22.03 -0.54 0.00	22.12 -0.52 0.00	23.53 -0.50 0.00	25.58 -0.90 0.00	26.31 -0.48 0.00	25.50 -0.71 0.00	25.50 -0.34 0.00	28.31 -0.17 0.00	30.29 0.39 0.00	33.56 0.27 0.00	36.13 0.11 0.00	37.25 -0.41 0.00	40.03 -0.08 0.00	44.64 0.00 0.00	52.82 0.32 0.00	49.35 1.16 0.00	42.62 -0.47 0.00	40.19 -0.57 0.00	35.88 -0.44 0.00	32.69 0.03 0.00	28.34 -0.43 0.00
OXY_CHEM_DSASP 323612	26.39 -0.51 0.00	24.69 -0.82 0.00	22.96 -0.88 0.00	21.74 -0.84 0.00	21.84 -0.79 0.00	23.21 -0.82 0.00	25.24 -1.24 0.00	25.91 -0.88 0.00	25.11 -1.10 0.00	25.09 -0.75 0.00	27.86 -0.63 0.00	29.75 -0.15 0.00	32.96 -0.33 0.00	35.37 -0.65 0.00	36.46 -1.21 0.00	39.23 -0.88 0.00	43.74 -0.89 0.00	51.77 -0.74 0.00	48.39 0.19 0.00	41.80 -1.29 0.00	39.37 -1.39 0.00	35.23 -1.09 0.00	32.14 -0.52 0.00	27.88 -0.89 0.00
OZONE_PARK_ESR 323760	28.65 1.75 0.00	26.99 1.48 0.00	25.20 1.36 0.00	23.79 1.22 0.00	23.86 1.22 0.00	25.33 1.30 0.00	28.12 1.64 0.00	28.65 1.85 0.00	28.30 2.10 0.00	28.26 2.43 0.00	31.36 2.88 0.00	32.83 2.93 0.00	36.59 3.30 0.00	39.55 3.53 0.00	41.32 3.65 0.00	43.96 3.85 0.00	49.46 4.82 0.00	57.97 5.46 0.00	52.58 4.39 0.00	46.93 3.84 0.00	44.10 3.34 0.00	39.22 2.91 0.00	35.34 2.68 0.00	31.13 2.36 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	26.39 -0.51 0.00	24.69 -0.82 0.00	22.96 -0.88 0.00	21.74 -0.84 0.00	21.84 -0.79 0.00	23.21 -0.82 0.00	25.24 -1.24 0.00	25.91 -0.88 0.00	25.11 -1.10 0.00	25.09 -0.75 0.00	27.86 -0.63 0.00	29.75 -0.15 0.00	32.96 -0.33 0.00	35.37 -0.65 0.00	36.46 -1.21 0.00	39.23 -0.88 0.00	43.74 -0.89 0.00	51.77 -0.74 0.00	48.39 0.19 0.00	41.80 -1.29 0.00	39.37 -1.39 0.00	35.23 -1.09 0.00	32.14 -0.52 0.00	27.88 -0.89 0.00
PACKARD__115KV_DUPONT_184 80571	26.39 -0.51 0.00	24.69 -0.82 0.00	22.96 -0.88 0.00	21.74 -0.84 0.00	21.84 -0.79 0.00	23.21 -0.82 0.00	25.24 -1.24 0.00	25.91 -0.88 0.00	25.11 -1.10 0.00	25.09 -0.75 0.00	27.86 -0.63 0.00	29.75 -0.15 0.00	32.96 -0.33 0.00	35.37 -0.65 0.00	36.46 -1.21 0.00	39.23 -0.88 0.00	43.74 -0.89 0.00	51.77 -0.74 0.00	48.39 0.19 0.00	41.80 -1.29 0.00	39.37 -1.39 0.00	35.23 -1.09 0.00	32.14 -0.52 0.00	27.88 -0.89 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.58 1.67 -0.01	26.94 1.43 -0.01	25.23 1.38 -0.01	23.82 1.24 -0.01	23.88 1.25 0.00	25.21 1.18 0.00	27.91 1.43 0.00	28.38 1.58 0.00	27.99 1.78 0.00	27.98 2.14 0.00	31.09 2.59 -0.01	32.50 2.60 0.00	36.19 2.90 0.00	39.05 3.03 0.00	40.79 3.13 0.00	43.36 3.25 0.00	48.83 4.20 0.00	57.28 4.78 0.00	51.76 3.57 0.00	46.33 3.23 0.00	43.49 2.73 0.00	38.64 2.32 0.00	35.15 2.48 -0.01	31.02 2.24 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.88 1.96 -0.01	27.22 1.71 -0.01	25.47 1.62 -0.01	24.05 1.47 -0.01	24.11 1.47 0.00	25.45 1.42 0.00	28.18 1.69 0.00	28.65 1.85 0.00	28.25 2.04 0.00	28.24 2.40 0.00	31.37 2.88 -0.01	32.80 2.90 0.00	36.49 3.20 0.00	39.44 3.42 0.00	41.17 3.50 0.00	43.80 3.69 0.00	49.37 4.73 0.00	57.97 5.46 0.00	52.34 4.14 0.00	46.84 3.75 0.00	43.98 3.22 0.00	39.08 2.76 0.00	35.54 2.87 -0.01	31.31 2.53 -0.01
PATROON__115KV_TB1 80586	27.44 0.54 0.00	25.97 0.46 0.00	24.24 0.41 0.00	23.03 0.45 0.00	23.09 0.45 0.00	24.44 0.41 0.00	26.93 0.45 0.00	27.28 0.48 0.00	26.76 0.55 0.00	26.48 0.65 0.00	29.08 0.60 0.00	30.53 0.63 0.00	34.03 0.73 0.00	36.81 0.79 0.00	38.57 0.90 0.00	40.99 0.88 0.00	45.75 1.12 0.00	53.87 1.37 0.00	49.45 1.25 0.00	44.26 1.16 0.00	41.82 1.06 0.00	37.26 0.94 0.00	33.44 0.78 0.00	29.52 0.75 0.00
PATTRSNVILLE___SOLAR 323815	28.09 1.18 0.00	26.55 1.05 0.00	24.77 0.93 0.00	23.43 0.86 0.00	23.52 0.88 0.00	24.97 0.94 0.00	27.57 1.09 0.00	27.79 0.99 0.00	27.10 0.89 0.00	26.72 0.88 0.00	29.37 0.88 0.00	30.80 0.90 0.00	34.33 1.03 0.00	37.14 1.12 0.00	38.91 1.24 0.00	41.47 1.36 0.00	46.33 1.70 0.00	55.08 2.57 0.00	50.79 2.60 0.00	45.25 2.15 0.00	43.00 2.24 0.00	38.31 2.00 0.00	34.36 1.70 0.00	30.26 1.49 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	27.28 0.38 0.00	25.53 0.03 0.00	23.70 -0.14 0.00	22.46 -0.11 0.00	22.55 -0.09 0.00	23.98 -0.05 0.00	26.19 -0.29 0.00	26.90 0.11 0.00	26.08 -0.13 0.00	26.09 0.26 0.00	29.06 0.57 0.00	31.07 1.17 0.00	34.49 1.20 0.00	37.28 1.26 0.00	38.35 0.68 -0.01	40.96 0.84 -0.01	45.49 0.85 -0.01	53.83 1.31 -0.01	49.94 1.73 -0.01	43.70 0.60 -0.01	41.33 0.57 0.00	36.79 0.47 0.00	33.44 0.78 0.00	29.00 0.23 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	28.49 1.59 0.00	26.83 1.33 0.00	25.05 1.22 0.00	23.66 1.08 0.00	23.77 1.13 0.00	25.16 1.13 0.00	27.89 1.40 0.00	28.32 1.53 0.00	27.91 1.70 0.00	27.75 1.91 0.00	30.76 2.28 0.00	32.20 2.30 0.00	36.03 2.73 0.00	38.94 2.92 0.00	40.71 3.05 0.00	43.40 3.29 0.00	48.70 4.06 0.00	57.13 4.62 0.00	52.10 3.90 0.00	46.63 3.53 0.00	43.78 3.02 0.00	38.86 2.54 0.00	34.91 2.25 0.00	30.81 2.04 0.00
PEEKSKILL____ 23653	28.20 1.29 0.00	26.58 1.07 0.00	24.84 1.00 0.00	23.45 0.88 0.00	23.52 0.88 0.00	24.94 0.91 0.00	27.59 1.11 0.00	28.14 1.34 0.00	27.73 1.52 0.00	27.62 1.78 0.00	30.59 2.11 0.00	32.02 2.12 0.00	35.72 2.43 0.00	38.54 2.52 0.00	40.26 2.60 0.00	42.87 2.77 0.00	48.12 3.48 0.00	56.44 3.94 0.00	51.37 3.18 0.00	45.68 2.59 0.00	43.12 2.36 0.00	38.39 2.07 0.00	34.49 1.83 0.00	30.49 1.73 0.00

PGE MADISON___WINDPWR 24146	29.41 2.50 0.00	27.65 2.14 0.00	25.70 1.86 0.00	24.29 1.71 0.00	24.38 1.74 0.00	26.05 2.02 0.00	28.79 2.30 0.00	29.15 2.36 0.00	27.99 1.78 0.00	27.67 1.83 0.00	30.31 1.82 0.00	32.05 2.15 0.00	35.69 2.40 0.00	38.83 2.81 0.00	40.68 3.01 0.00	43.76 3.65 0.00	48.92 4.29 0.00	58.28 5.78 0.00	54.22 6.02 0.00	48.09 5.00 0.00	45.53 4.77 0.00	40.42 4.10 0.00	36.16 3.50 0.00	31.62 2.85 0.00
PIERCEFIELD___HYD 23852	25.83 -1.08 0.00	24.64 -0.87 0.00	23.05 -0.79 0.00	21.83 -0.74 0.00	21.87 -0.77 0.00	23.31 -0.72 0.00	25.66 -0.82 0.00	25.91 -0.88 0.00	25.32 -0.89 0.00	24.75 -1.09 0.00	27.23 -1.25 0.00	28.52 -1.38 0.00	31.76 -1.53 0.00	34.44 -1.58 0.00	36.12 -1.54 0.00	38.38 -1.72 0.00	42.40 -2.23 0.00	49.30 -3.20 0.00	45.30 -2.89 0.00	41.41 -1.68 0.00	39.29 -1.47 0.00	34.94 -1.38 0.00	31.42 -1.24 0.00	27.79 -0.98 0.00
PINELAWN_CC_1 323563	31.55 2.07 -2.57	27.27 1.76 0.00	25.51 1.67 0.00	24.06 1.49 0.00	24.02 1.38 0.00	25.62 1.59 0.00	28.18 1.70 0.00	28.89 2.09 0.00	28.41 2.20 0.00	28.29 2.46 0.00	34.13 2.96 -2.68	36.45 3.02 -3.54	37.81 3.06 -1.46	39.08 3.06 0.00	41.10 3.16 -0.27	43.85 3.41 -0.33	49.07 4.10 -0.33	65.00 4.88 -7.61	51.96 3.76 0.00	46.06 2.97 0.00	43.73 2.97 0.00	39.08 2.76 0.00	35.11 2.45 0.00	33.44 2.59 -2.09
PJM_GEN_HTP_PROXY 323702	28.36 1.45 0.00	26.73 1.22 0.00	24.96 1.12 0.00	23.59 1.02 0.00	23.66 1.02 0.00	25.11 1.08 0.00	27.78 1.30 0.00	28.35 1.55 0.00	28.01 1.81 0.00	27.96 2.12 0.00	31.02 2.53 0.00	32.44 2.54 0.00	36.16 2.86 0.00	39.05 3.03 0.00	40.79 3.12 0.00	43.43 3.33 0.00	49.28 4.15 -0.50	56.68 4.67 0.50	51.90 3.71 0.00	46.11 3.02 0.00	43.53 2.77 0.00	38.71 2.40 0.00	34.81 2.16 0.00	30.78 2.01 0.00
PJM_GEN_KEystone 24065	24.06 0.43 3.27	22.27 0.20 3.44	20.25 0.14 3.73	19.10 0.11 3.59	19.49 0.11 3.26	20.83 0.15 3.35	24.77 0.19 1.90	24.86 0.37 2.31	25.76 0.37 0.81	26.53 0.70 0.00	29.45 0.97 0.00	31.06 1.16 0.00	34.56 1.26 0.00	37.28 1.26 0.00	38.79 1.13 0.00	41.43 1.32 0.00	46.79 1.65 -0.50	54.01 1.99 0.49	50.07 1.88 0.00	44.09 0.99 0.00	39.48 0.86 2.14	37.08 0.76 0.00	32.22 0.95 1.39	28.32 0.58 1.02
PJM_GEN_NEPTUNE_PROXY 323594	29.95 1.67 -1.38	26.91 1.40 0.00	25.17 1.33 0.00	23.75 1.17 0.00	23.75 1.11 0.00	25.28 1.25 0.00	27.86 1.38 0.00	28.51 1.72 0.00	28.07 1.86 0.00	27.96 2.12 0.00	32.49 2.56 -1.44	34.40 2.60 -1.90	37.01 2.93 -0.78	39.01 2.99 0.00	40.75 3.09 0.00	43.35 3.25 0.00	49.37 4.06 -0.68	60.82 4.73 -3.59	51.90 3.71 0.00	46.03 2.93 0.00	43.49 2.73 0.00	38.82 2.50 0.00	34.72 2.06 0.00	32.05 2.16 -1.12
PJM_GEN_VFT_PROXY 323633	28.25 1.34 0.00	26.63 1.12 0.00	24.89 1.05 0.00	23.50 0.93 0.00	23.59 0.95 0.00	25.04 1.01 0.00	27.68 1.19 0.00	28.27 1.47 0.00	27.94 1.73 0.00	27.90 2.07 0.00	30.96 2.48 0.00	32.38 2.48 0.00	36.09 2.80 0.00	38.97 2.95 0.00	40.71 3.05 0.00	43.32 3.21 0.00	49.15 4.02 -0.50	56.42 4.41 0.50	51.67 3.47 0.00	45.89 2.80 0.00	43.37 2.61 0.00	38.61 2.29 0.00	34.72 2.06 0.00	30.67 1.90 0.00
PLATSBURG_115KV_PMLD1 355749	27.50 0.59 0.00	26.22 0.71 0.00	24.46 0.62 0.00	23.21 0.63 0.00	23.20 0.57 0.00	24.78 0.74 0.00	27.25 0.77 0.00	27.68 0.88 0.00	27.12 0.92 0.00	26.69 0.85 0.00	29.43 0.94 0.00	30.89 0.99 0.00	34.36 1.07 0.00	37.28 1.26 0.00	39.02 1.36 0.00	41.43 1.32 0.00	45.97 1.34 0.00	54.19 1.68 0.00	49.78 1.59 0.00	44.60 1.51 0.00	42.15 1.39 0.00	37.33 1.02 0.00	33.48 0.82 0.00	29.43 0.66 0.00
PLEASANTVLY___LBMP 24000	28.04 1.13 0.00	26.48 0.97 0.00	24.75 0.91 0.00	23.39 0.81 0.00	23.45 0.81 0.00	24.87 0.84 0.00	27.52 1.03 0.00	27.95 1.15 0.00	27.52 1.31 0.00	27.36 1.52 0.00	30.25 1.77 0.00	31.69 1.79 0.00	35.33 2.03 0.00	38.15 2.13 0.00	39.89 2.22 0.00	42.43 2.33 0.00	47.58 2.95 0.00	55.76 3.26 0.00	50.84 2.65 0.00	45.51 2.41 0.00	42.80 2.04 0.00	38.13 1.82 0.00	34.29 1.63 0.00	30.29 1.52 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.28 1.37 0.00	26.68 1.17 0.00	24.91 1.07 0.00	23.54 0.97 0.00	23.59 0.95 0.00	25.04 1.01 0.00	27.75 1.27 0.00	28.22 1.42 0.00	27.81 1.60 0.00	27.72 1.89 0.00	30.71 2.22 0.00	32.17 2.27 0.00	35.86 2.56 0.00	38.72 2.70 0.00	40.49 2.82 0.00	43.07 2.97 0.00	48.39 3.75 0.00	56.65 4.15 0.00	51.57 3.37 0.00	46.15 3.06 0.00	43.37 2.61 0.00	38.57 2.25 0.00	34.68 2.02 0.00	30.61 1.84 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.28 1.37 0.00	26.68 1.17 0.00	24.91 1.07 0.00	23.54 0.97 0.00	23.59 0.95 0.00	25.04 1.01 0.00	27.75 1.27 0.00	28.22 1.42 0.00	27.81 1.60 0.00	27.72 1.89 0.00	30.71 2.22 0.00	32.17 2.27 0.00	35.86 2.56 0.00	38.72 2.70 0.00	40.49 2.82 0.00	43.07 2.97 0.00	48.39 3.75 0.00	56.65 4.15 0.00	51.57 3.37 0.00	46.15 3.06 0.00	43.37 2.61 0.00	38.57 2.25 0.00	34.68 2.02 0.00	30.61 1.84 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.22 1.32 0.00	26.60 1.10 0.00	24.89 1.05 0.00	23.52 0.95 0.00	23.57 0.93 0.00	24.97 0.94 0.00	27.65 1.17 0.00	28.06 1.26 0.00	27.62 1.42 0.00	27.44 1.60 0.00	30.34 1.85 0.00	31.75 1.85 0.00	35.49 2.20 0.00	38.33 2.31 0.00	40.11 2.45 0.00	42.67 2.57 0.00	47.89 3.26 0.00	56.23 3.73 0.00	51.33 3.13 0.00	45.98 2.89 0.00	43.16 2.40 0.00	38.39 2.07 0.00	34.52 1.86 0.00	30.49 1.73 0.00
POLETTI___ 23519	28.36 1.45 0.00	26.71 1.20 0.00	24.96 1.12 0.00	23.59 1.02 0.00	23.66 1.02 0.00	25.09 1.06 0.00	27.83 1.35 0.00	28.32 1.53 0.00	27.99 1.78 0.00	27.95 2.12 0.00	31.02 2.54 0.00	32.44 2.54 0.00	36.16 2.86 0.00	39.05 3.03 0.00	40.79 3.13 0.00	43.40 3.29 0.00	48.79 4.15 0.00	57.13 4.62 0.00	51.81 3.61 0.00	46.33 3.23 0.00	43.53 2.77 0.00	38.71 2.40 0.00	34.91 2.25 0.00	30.75 1.98 0.00
POMONA___ESR 323819	28.14 1.24 0.00	26.55 1.05 0.00	24.79 0.95 0.00	23.43 0.86 0.00	23.50 0.86 0.00	24.92 0.89 0.00	27.54 1.06 0.00	28.06 1.26 0.00	27.65 1.44 0.00	27.57 1.73 0.00	30.54 2.05 0.00	31.96 2.06 0.00	35.66 2.36 0.00	38.43 2.41 0.00	40.15 2.49 0.00	42.79 2.69 0.00	47.99 3.35 0.00	56.29 3.78 0.00	51.28 3.09 0.00	45.59 2.50 0.00	42.96 2.20 0.00	38.28 1.96 0.00	34.39 1.73 0.00	30.47 1.70 0.00
PORT_JEFF_3 23555	31.50 2.02 -2.57	27.27 1.76 0.00	25.53 1.69 0.00	24.06 1.49 0.00	24.00 1.36 0.00	25.62 1.59 0.00	28.13 1.64 0.00	28.89 2.09 0.00	28.28 2.07 0.00	28.16 2.33 0.00	33.96 2.79 -2.68	36.22 2.78 -3.54	37.95 3.20 -1.46	39.15 3.13 0.00	41.04 3.24 -0.13	43.84 3.57 -0.16	49.27 4.29 -0.35	65.33 5.20 -7.62	52.19 4.00 0.00	46.28 3.19 0.00	43.86 3.10 0.00	39.08 2.76 0.00	34.91 2.25 0.00	33.41 2.56 -2.09

PORT_JEFF_4 23616	31.50 2.02 -2.57	27.27 1.76 0.00	25.53 1.69 0.00	24.06 1.49 0.00	24.00 1.36 0.00	25.62 1.59 0.00	28.13 1.64 0.00	28.89 2.09 0.00	28.28 2.07 0.00	28.16 2.33 0.00	33.96 2.79 -2.68	36.22 2.78 -3.54	37.95 3.20 -1.46	39.15 3.13 0.00	41.04 3.24 -0.13	43.84 3.57 -0.16	49.27 4.29 -0.35	65.33 5.20 -7.62	52.19 4.00 0.00	46.28 3.19 0.00	43.86 3.10 0.00	39.08 2.76 0.00	34.91 2.25 0.00	33.41 2.56 -2.09
PORT_JEFF_IC 23713	31.52 2.04 -2.57	27.29 1.79 0.00	25.53 1.69 0.00	24.09 1.51 0.00	24.02 1.38 0.00	25.64 1.61 0.00	28.15 1.67 0.00	28.91 2.12 0.00	28.17 1.97 0.00	28.06 2.22 0.00	33.90 2.73 -2.68	36.16 2.72 -3.54	38.05 3.30 -1.46	39.33 3.31 0.00	41.23 3.43 -0.14	44.17 3.89 -0.17	49.46 4.46 -0.36	65.43 5.30 -7.62	52.34 4.14 0.00	47.23 4.14 0.00	44.06 3.30 0.00	39.26 2.94 0.00	35.40 2.74 0.00	33.47 2.62 -2.09
PPL PILGRIM_ST_GT1 24216	31.79 2.31 -2.57	27.52 2.01 0.00	25.75 1.91 0.00	24.29 1.71 0.00	24.24 1.61 0.00	25.86 1.83 0.00	28.41 1.93 0.00	29.18 2.38 0.00	28.64 2.44 0.00	28.50 2.66 0.00	34.21 3.05 -2.68	36.52 3.08 -3.54	38.18 3.43 -1.46	39.44 3.42 0.00	41.36 3.54 -0.16	44.19 3.89 -0.19	49.70 4.73 -0.33	65.84 5.72 -7.61	52.72 4.53 0.00	46.71 3.62 0.00	44.35 3.59 0.00	39.55 3.20 -0.03	35.17 2.51 0.00	33.68 2.82 -2.09
PPL PILGRIM_ST_GT2 24217	31.79 2.31 -2.57	27.52 2.01 0.00	25.75 1.91 0.00	24.29 1.71 0.00	24.24 1.61 0.00	25.86 1.83 0.00	28.41 1.93 0.00	29.18 2.38 0.00	28.64 2.44 0.00	28.50 2.66 0.00	34.21 3.05 -2.68	36.52 3.08 -3.54	38.18 3.43 -1.46	39.44 3.42 0.00	41.36 3.54 -0.16	44.19 3.89 -0.19	49.70 4.73 -0.33	65.84 5.72 -7.61	52.72 4.53 0.00	46.71 3.62 0.00	44.35 3.59 0.00	39.55 3.20 -0.03	35.17 2.51 0.00	33.68 2.82 -2.09
PPL_SHRM_GT3 24213	31.33 1.86 -2.57	27.09 1.58 0.00	25.37 1.53 0.00	23.93 1.35 0.00	23.84 1.20 0.00	25.47 1.44 0.00	27.91 1.43 0.00	28.70 1.90 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.90 2.73 -2.68	36.22 2.78 -3.54	37.95 3.20 -1.46	39.26 3.24 0.00	41.15 3.35 -0.14	44.04 3.77 -0.17	49.71 4.73 -0.35	65.95 5.83 -7.62	52.72 4.53 0.00	46.67 3.57 0.00	44.06 3.30 0.00	39.26 2.94 0.00	34.88 2.22 0.00	33.33 2.47 -2.09
PPL_SHRM_GT4 24214	31.33 1.86 -2.57	27.09 1.58 0.00	25.37 1.53 0.00	23.93 1.35 0.00	23.84 1.20 0.00	25.47 1.44 0.00	27.91 1.43 0.00	28.70 1.90 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.90 2.73 -2.68	36.22 2.78 -3.54	37.95 3.20 -1.46	39.26 3.24 0.00	41.15 3.35 -0.14	44.04 3.77 -0.17	49.71 4.73 -0.35	65.95 5.83 -7.62	52.72 4.53 0.00	46.67 3.57 0.00	44.06 3.30 0.00	39.26 2.94 0.00	34.88 2.22 0.00	33.33 2.47 -2.09
PROJECT___ORANGE 1 24174	26.91 0.00 0.00	25.41 -0.10 0.00	23.72 -0.12 0.00	22.46 -0.11 0.00	22.52 -0.11 0.00	23.94 -0.10 0.00	26.38 -0.11 0.00	26.69 -0.11 0.00	25.97 -0.24 0.00	25.76 -0.08 0.00	28.40 -0.09 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.70 0.04 0.00	40.27 0.16 0.00	44.86 0.22 0.00	52.93 0.42 0.00	48.72 0.53 0.00	43.27 0.17 0.00	40.88 0.12 0.00	36.39 0.07 0.00	32.76 0.10 0.00	28.74 -0.03 0.00
PROJECT___ORANGE 2 24166	26.91 0.00 0.00	25.41 -0.10 0.00	23.72 -0.12 0.00	22.46 -0.11 0.00	22.52 -0.11 0.00	23.94 -0.10 0.00	26.38 -0.11 0.00	26.69 -0.11 0.00	25.97 -0.24 0.00	25.76 -0.08 0.00	28.40 -0.09 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.70 0.04 0.00	40.27 0.16 0.00	44.86 0.22 0.00	52.93 0.42 0.00	48.72 0.53 0.00	43.27 0.17 0.00	40.88 0.12 0.00	36.39 0.07 0.00	32.76 0.10 0.00	28.74 -0.03 0.00
PUCKETT___SOLAR 323809	27.79 0.89 0.00	26.22 0.71 0.00	24.44 0.60 0.00	23.11 0.54 0.00	23.20 0.57 0.00	24.68 0.65 0.00	27.25 0.77 0.00	27.60 0.80 0.00	26.76 0.55 0.00	26.48 0.65 0.00	29.14 0.66 0.00	30.71 0.81 0.00	34.19 0.90 0.00	37.07 1.05 0.00	38.72 1.05 0.00	41.43 1.32 0.00	46.24 1.60 0.00	54.81 2.31 0.00	50.65 2.46 0.00	44.95 1.85 0.00	42.55 1.79 0.00	37.84 1.53 0.00	34.06 1.40 0.00	29.80 1.03 0.00
PYRITES___HYD 24023	26.42 -0.48 0.00	25.23 -0.28 0.00	23.55 -0.29 0.00	22.30 -0.27 0.00	22.37 -0.27 0.00	23.86 -0.17 0.00	26.27 -0.21 0.00	26.53 -0.27 0.00	25.81 -0.39 0.00	25.22 -0.62 0.00	27.72 -0.77 0.00	29.03 -0.87 0.00	32.33 -0.97 0.00	35.12 -0.90 0.00	36.84 -0.83 0.00	39.18 -0.92 0.00	43.25 -1.38 0.00	50.30 -2.21 0.00	46.36 -1.83 0.00	42.36 -0.73 0.00	40.27 -0.49 0.00	35.77 -0.54 0.00	32.07 -0.59 0.00	28.34 -0.43 0.00
QUAKERRD_115KV_BK1 80622	26.47 -0.43 0.00	24.90 -0.61 0.00	23.20 -0.64 0.00	21.94 -0.63 0.00	22.00 -0.63 0.00	23.43 -0.60 0.00	25.66 -0.82 0.00	26.23 -0.56 0.00	25.47 -0.73 0.00	25.35 -0.49 0.00	28.00 -0.48 0.00	29.75 -0.15 0.00	33.03 -0.27 0.00	35.70 -0.32 0.00	37.21 -0.45 0.00	39.99 -0.12 0.00	44.64 0.00 0.00	52.93 0.42 0.00	48.96 0.77 0.00	42.88 -0.22 0.00	40.35 -0.41 0.00	35.88 -0.44 0.00	32.46 -0.20 0.00	28.25 -0.52 0.00
QUENSBRY_115KV_TB8 356137	29.14 2.23 0.00	27.52 2.02 0.00	25.53 1.69 0.00	24.15 1.58 0.00	24.24 1.61 0.00	25.79 1.75 0.00	28.60 2.12 0.00	28.89 2.09 0.00	28.25 2.04 0.00	27.95 2.12 0.00	30.48 1.99 0.00	31.99 2.09 0.00	35.69 2.40 0.00	38.43 2.41 0.00	40.30 2.64 0.00	42.91 2.81 0.00	47.89 3.26 0.00	56.92 4.41 0.00	53.06 4.87 0.00	47.45 4.35 0.00	45.28 4.52 0.00	40.20 3.89 0.00	35.83 3.17 0.00	31.50 2.73 0.00
RAMAPO___LBMP 323565	28.04 1.13 0.00	26.45 0.94 0.00	24.72 0.88 0.00	23.34 0.77 0.00	23.41 0.77 0.00	24.82 0.79 0.00	27.52 1.03 0.00	27.98 1.18 0.00	27.54 1.34 0.00	27.44 1.60 0.00	30.42 1.94 0.00	31.84 1.94 0.00	35.49 2.20 0.00	38.29 2.27 0.00	40.04 2.37 0.00	42.63 2.53 0.00	47.85 3.21 0.00	56.08 3.57 0.00	51.09 2.89 0.00	45.64 2.54 0.00	42.84 2.08 0.00	38.17 1.85 0.00	34.36 1.70 0.00	30.32 1.55 0.00
RANKINE____ 23646	27.26 0.35 0.00	25.48 -0.03 0.00	23.67 -0.17 0.00	22.44 -0.14 0.00	22.52 -0.11 0.00	23.96 -0.07 0.00	26.11 -0.37 0.00	26.85 0.05 0.00	26.02 -0.18 0.00	26.04 0.21 0.00	28.94 0.46 0.00	30.95 1.05 0.00	34.33 1.03 0.00	37.03 1.01 0.00	38.20 0.53 -0.01	40.96 0.84 -0.01	45.58 0.94 -0.01	53.93 1.42 -0.01	50.23 2.02 -0.01	43.62 0.52 -0.01	41.13 0.37 0.00	36.68 0.36 0.00	33.38 0.72 0.00	28.91 0.14 0.00
RAVENSWOOD_GT2_1 24244	28.41 1.51 0.00	26.78 1.28 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.70 1.06 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.19 2.90 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.48 3.37 0.00	48.88 4.24 0.00	57.23 4.73 0.00	51.90 3.71 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.98 2.32 0.00	30.84 2.07 0.00

RAVENSWOOD_GT2_2 24245	28.41 1.51 0.00	26.78 1.28 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.70 1.06 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.19 2.90 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.48 3.37 0.00	48.88 4.24 0.00	57.23 4.73 0.00	51.90 3.71 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.98 2.32 0.00	30.84 2.07 0.00
RAVENSWOOD_GT2_3 24246	28.44 1.53 0.00	26.81 1.30 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.70 1.06 0.00	25.16 1.13 0.00	27.91 1.43 0.00	28.40 1.61 0.00	28.07 1.86 0.00	28.01 2.17 0.00	31.08 2.59 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.48 3.37 0.00	48.88 4.24 0.00	57.28 4.78 0.00	51.95 3.76 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.82 2.51 0.00	34.98 2.32 0.00	30.84 2.07 0.00
RAVENSWOOD_GT2_4 24247	28.44 1.53 0.00	26.81 1.30 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.70 1.06 0.00	25.16 1.13 0.00	27.91 1.43 0.00	28.40 1.61 0.00	28.07 1.86 0.00	28.01 2.17 0.00	31.08 2.59 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.48 3.37 0.00	48.88 4.24 0.00	57.28 4.78 0.00	51.95 3.76 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.82 2.51 0.00	34.98 2.32 0.00	30.84 2.07 0.00
RAVENSWOOD_GT3_1 24248	28.44 1.53 0.00	26.78 1.28 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.70 1.06 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.08 2.59 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.48 3.37 0.00	48.88 4.24 0.00	57.23 4.73 0.00	51.90 3.71 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.98 2.32 0.00	30.84 2.07 0.00
RAVENSWOOD_GT3_2 24249	28.44 1.53 0.00	26.78 1.28 0.00	25.03 1.19 0.00	23.63 1.06 0.00	23.70 1.06 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.08 2.59 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.48 3.37 0.00	48.88 4.24 0.00	57.23 4.73 0.00	51.90 3.71 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.98 2.32 0.00	30.84 2.07 0.00
RAVENSWOOD_GT3_3 24250	28.47 1.56 0.00	26.83 1.33 0.00	25.05 1.22 0.00	23.66 1.08 0.00	23.72 1.09 0.00	25.18 1.15 0.00	27.94 1.46 0.00	28.43 1.63 0.00	28.09 1.89 0.00	28.03 2.20 0.00	31.11 2.62 0.00	32.56 2.66 0.00	36.29 3.00 0.00	39.19 3.17 0.00	40.94 3.28 0.00	43.56 3.45 0.00	48.97 4.33 0.00	57.34 4.83 0.00	52.05 3.86 0.00	46.50 3.40 0.00	43.69 2.93 0.00	38.86 2.54 0.00	35.04 2.38 0.00	30.87 2.10 0.00
RAVENSWOOD_GT3_4 24251	28.47 1.56 0.00	26.83 1.33 0.00	25.05 1.22 0.00	23.66 1.08 0.00	23.72 1.09 0.00	25.18 1.15 0.00	27.94 1.46 0.00	28.43 1.63 0.00	28.09 1.89 0.00	28.03 2.20 0.00	31.11 2.62 0.00	32.56 2.66 0.00	36.29 3.00 0.00	39.19 3.17 0.00	40.94 3.28 0.00	43.56 3.45 0.00	48.97 4.33 0.00	57.34 4.83 0.00	52.05 3.86 0.00	46.50 3.40 0.00	43.69 2.93 0.00	38.86 2.54 0.00	35.04 2.38 0.00	30.87 2.10 0.00
RAVENSWOOD_GT_1 23729	28.55 1.64 -0.01	26.92 1.40 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.21 1.18 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.12 1.91 0.00	28.08 2.25 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.36 3.06 0.00	39.23 3.21 0.00	40.94 3.28 0.00	43.56 3.45 0.00	49.01 4.37 0.00	57.39 4.88 0.00	51.95 3.76 0.00	46.50 3.40 0.00	43.65 2.89 0.00	38.82 2.51 0.00	35.12 2.45 -0.01	30.96 2.19 -0.01
RAVENSWOOD_GT_10 24258	28.41 1.51 0.00	26.78 1.28 0.00	25.03 1.19 0.00	23.64 1.06 0.00	23.70 1.06 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.19 2.90 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.48 3.37 0.00	48.88 4.24 0.00	57.23 4.73 0.00	51.90 3.71 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.98 2.32 0.00	30.84 2.07 0.00
RAVENSWOOD_GT_11 24259	28.41 1.51 0.00	26.78 1.28 0.00	25.03 1.19 0.00	23.64 1.06 0.00	23.70 1.06 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.19 2.90 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.48 3.37 0.00	48.88 4.24 0.00	57.23 4.73 0.00	51.90 3.71 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.98 2.32 0.00	30.84 2.07 0.00
RAVENSWOOD_GT_4 24252	28.39 1.48 -0.01	26.76 1.25 -0.01	25.01 1.17 -0.01	23.62 1.04 -0.01	23.68 1.04 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.38 1.58 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.03 2.54 -0.01	32.47 2.57 0.00	36.19 2.90 0.00	39.08 3.06 0.00	40.83 3.16 0.00	43.44 3.33 0.00	48.83 4.20 0.00	57.18 4.67 0.00	51.90 3.71 0.00	46.37 3.28 0.00	43.57 2.81 0.00	38.79 2.47 0.00	34.95 2.29 -0.01	30.82 2.04 -0.01
RAVENSWOOD_GT_5 24254	28.39 1.48 -0.01	26.76 1.25 -0.01	25.01 1.17 -0.01	23.62 1.04 -0.01	23.68 1.04 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.38 1.58 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.03 2.54 -0.01	32.47 2.57 0.00	36.19 2.90 0.00	39.08 3.06 0.00	40.83 3.16 0.00	43.44 3.33 0.00	48.83 4.20 0.00	57.18 4.67 0.00	51.90 3.71 0.00	46.37 3.28 0.00	43.57 2.81 0.00	38.79 2.47 0.00	34.95 2.29 -0.01	30.82 2.04 -0.01
RAVENSWOOD_GT_6 24253	28.39 1.48 -0.01	26.76 1.25 -0.01	25.01 1.17 -0.01	23.62 1.04 -0.01	23.68 1.04 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.38 1.58 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.03 2.54 -0.01	32.47 2.57 0.00	36.19 2.90 0.00	39.08 3.06 0.00	40.83 3.16 0.00	43.44 3.33 0.00	48.83 4.20 0.00	57.18 4.67 0.00	51.90 3.71 0.00	46.37 3.28 0.00	43.57 2.81 0.00	38.79 2.47 0.00	34.95 2.29 -0.01	30.82 2.04 -0.01
RAVENSWOOD_GT_7 24255	28.39 1.48 -0.01	26.76 1.25 -0.01	25.01 1.17 -0.01	23.62 1.04 -0.01	23.68 1.04 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.38 1.58 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.03 2.54 -0.01	32.47 2.57 0.00	36.19 2.90 0.00	39.08 3.06 0.00	40.83 3.16 0.00	43.44 3.33 0.00	48.83 4.20 0.00	57.18 4.67 0.00	51.90 3.71 0.00	46.37 3.28 0.00	43.57 2.81 0.00	38.79 2.47 0.00	34.95 2.29 -0.01	30.82 2.04 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.41 1.51 0.00	26.78 1.28 0.00	25.03 1.19 0.00	23.64 1.06 0.00	23.70 1.06 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.19 2.90 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.48 3.37 0.00	48.88 4.24 0.00	57.23 4.73 0.00	51.90 3.71 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.98 2.32 0.00	30.84 2.07 0.00

RAVENSWOOD_GT_9 24257	28.41 1.51 0.00	26.78 1.28 0.00	25.03 1.19 0.00	23.64 1.06 0.00	23.70 1.06 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.19 2.90 0.00	39.12 3.10 0.00	40.87 3.20 0.00	43.48 3.37 0.00	48.88 4.24 0.00	57.23 4.73 0.00	51.90 3.71 0.00	46.41 3.32 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.98 2.32 0.00	30.84 2.07 0.00
RAVENSWOOD___1 23533	28.55 1.64 -0.01	26.92 1.40 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.21 1.18 0.00	27.91 1.43 0.00	28.49 1.69 0.00	28.12 1.91 0.00	28.08 2.25 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.36 3.06 0.00	39.22 3.20 0.00	40.94 3.28 0.00	43.56 3.45 0.00	48.96 4.33 0.00	57.39 4.88 0.00	51.96 3.76 0.00	46.24 3.14 0.00	43.65 2.89 0.00	38.82 2.50 0.00	35.05 2.38 -0.01	30.96 2.19 -0.01
RAVENSWOOD___2 23534	28.55 1.64 -0.01	26.92 1.40 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.21 1.18 0.00	27.91 1.43 0.00	28.43 1.63 0.00	28.07 1.86 0.00	28.03 2.19 0.00	31.14 2.65 -0.01	32.56 2.66 0.00	36.29 3.00 0.00	39.15 3.13 0.00	40.86 3.20 0.00	43.48 3.37 0.00	48.79 4.15 0.00	57.02 4.52 0.00	51.62 3.42 0.00	46.15 3.06 0.00	43.57 2.81 0.00	38.75 2.43 0.00	34.99 2.32 -0.01	30.90 2.13 -0.01
RAVENSWOOD___3 23535	28.44 1.53 0.00	26.78 1.27 0.00	25.03 1.19 0.00	23.64 1.06 0.00	23.70 1.06 0.00	25.14 1.11 0.00	27.83 1.35 0.00	28.40 1.61 0.00	28.04 1.83 0.00	27.98 2.14 0.00	31.05 2.56 0.00	32.50 2.60 0.00	36.23 2.93 0.00	39.12 3.10 0.00	40.83 3.16 0.00	43.48 3.37 0.00	48.83 4.19 0.00	57.23 4.73 0.00	51.90 3.71 0.00	46.15 3.06 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.88 2.22 0.00	30.84 2.07 0.00
RAVENSWOOD___4 23820	28.55 1.64 -0.01	26.92 1.40 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.21 1.18 0.00	27.91 1.43 0.00	28.49 1.69 0.00	28.12 1.91 0.00	28.08 2.25 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.36 3.06 0.00	39.22 3.20 0.00	40.94 3.28 0.00	43.56 3.45 0.00	48.96 4.33 0.00	57.39 4.88 0.00	51.96 3.76 0.00	46.24 3.14 0.00	43.65 2.89 0.00	38.82 2.50 0.00	35.05 2.38 -0.01	30.96 2.19 -0.01
RCPL_TRUST___DRP 24196	28.39 1.48 0.00	26.76 1.25 0.00	25.01 1.17 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.07 1.86 0.00	28.01 2.17 0.00	31.08 2.59 0.00	32.53 2.63 0.00	36.23 2.93 0.00	39.15 3.13 0.00	40.90 3.24 0.00	43.52 3.41 0.00	48.97 4.33 0.00	57.28 4.78 0.00	52.00 3.81 0.00	46.45 3.36 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.95 2.29 0.00	30.81 2.04 0.00
RED___ROCHESTER 323720	27.23 0.32 0.00	25.56 0.05 0.00	23.79 -0.05 0.00	22.51 -0.07 0.00	22.59 -0.05 0.00	24.06 0.02 0.00	26.43 -0.05 0.00	26.99 0.19 0.00	26.18 -0.03 0.00	26.09 0.26 0.00	28.85 0.37 0.00	30.71 0.81 0.00	34.09 0.80 0.00	36.85 0.83 0.00	38.49 0.83 0.00	41.31 1.20 0.00	46.15 1.52 0.00	54.87 2.36 0.00	50.75 2.55 0.00	44.21 1.12 0.00	41.62 0.86 0.00	37.08 0.76 0.00	33.67 1.01 0.00	29.11 0.35 0.00
REGAN___SOLAR 323812	30.38 3.47 0.00	28.59 3.09 0.00	26.46 2.62 0.00	25.01 2.44 0.00	25.13 2.49 0.00	26.84 2.81 0.00	29.82 3.34 0.00	29.96 3.16 0.00	29.12 2.91 0.00	28.68 2.84 0.00	31.59 3.11 0.00	33.16 3.26 0.00	37.02 3.73 0.00	40.16 4.14 0.00	42.18 4.52 0.00	44.92 4.81 0.00	50.17 5.53 0.00	60.80 8.29 0.00	56.68 8.48 0.00	49.95 6.85 0.00	47.48 6.72 0.00	42.24 5.92 0.00	37.56 4.90 0.00	32.88 4.11 0.00
RENSSELAER___COGEN 23796	27.28 0.38 0.00	25.81 0.31 0.00	24.13 0.29 0.00	22.91 0.34 0.00	22.98 0.34 0.00	24.32 0.29 0.00	26.77 0.29 0.00	27.12 0.32 0.00	26.60 0.39 0.00	26.33 0.49 0.00	28.91 0.43 0.00	30.32 0.42 0.00	33.80 0.50 0.00	36.56 0.54 0.00	38.26 0.60 0.00	40.67 0.56 0.00	45.39 0.76 0.00	53.45 0.95 0.00	49.06 0.87 0.00	43.83 0.73 0.00	41.49 0.73 0.00	36.97 0.65 0.00	33.18 0.52 0.00	29.31 0.55 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.54 3.63 0.00	28.82 3.32 0.00	26.60 2.77 0.00	25.15 2.57 0.00	25.26 2.63 0.00	26.96 2.93 0.00	30.00 3.52 0.00	30.20 3.40 0.00	29.51 3.30 0.00	29.20 3.36 0.00	31.85 3.36 0.00	33.46 3.56 0.00	37.32 4.03 0.00	40.31 4.29 0.00	42.26 4.60 0.00	45.04 4.93 0.00	50.35 5.71 0.00	60.01 7.51 0.00	56.10 7.90 0.00	50.07 6.98 0.00	47.85 7.09 0.00	42.53 6.21 0.00	37.75 5.09 0.00	33.11 4.34 0.00
REVERE_CPPR_DRP 24186	27.90 1.00 0.00	26.30 0.79 0.00	24.55 0.72 0.00	23.23 0.65 0.00	23.29 0.66 0.00	24.82 0.79 0.00	27.36 0.87 0.00	27.68 0.88 0.00	26.86 0.66 0.00	26.53 0.70 0.00	29.20 0.71 0.00	30.77 0.87 0.00	34.26 0.97 0.00	37.21 1.19 0.00	38.98 1.32 0.00	41.67 1.56 0.00	46.56 1.92 0.00	55.08 2.57 0.00	50.84 2.65 0.00	45.33 2.24 0.00	42.84 2.08 0.00	38.10 1.78 0.00	34.10 1.44 0.00	29.98 1.21 0.00
REYNOLDS_115KV_TB3 80639	27.52 0.62 0.00	26.07 0.56 0.00	24.34 0.50 0.00	23.09 0.52 0.00	23.16 0.52 0.00	24.51 0.48 0.00	27.01 0.53 0.00	27.36 0.56 0.00	26.84 0.63 0.00	26.53 0.70 0.00	29.14 0.66 0.00	30.56 0.66 0.00	34.06 0.77 0.00	36.85 0.83 0.00	38.57 0.90 0.00	40.95 0.84 0.00	45.75 1.12 0.00	53.77 1.26 0.00	49.35 1.16 0.00	44.21 1.12 0.00	41.78 1.02 0.00	37.26 0.94 0.00	33.44 0.78 0.00	29.57 0.81 0.00
RIVERBAY____ 323610	28.88 1.96 -0.01	27.22 1.71 -0.01	25.47 1.62 -0.01	24.05 1.47 -0.01	24.11 1.47 0.00	25.45 1.42 0.00	28.18 1.69 0.00	28.65 1.85 0.00	28.25 2.04 0.00	28.24 2.40 0.00	31.37 2.88 -0.01	32.80 2.90 0.00	36.49 3.20 0.00	39.44 3.42 0.00	41.17 3.50 0.00	43.80 3.69 0.00	49.37 4.73 0.00	57.97 5.46 0.00	52.34 4.14 0.00	46.84 3.75 0.00	43.98 3.22 0.00	39.08 2.76 0.00	35.54 2.87 -0.01	31.31 2.53 -0.01
RIVERSDE_115KV_TB3 55908	27.39 0.48 0.00	25.92 0.41 0.00	24.22 0.38 0.00	22.98 0.41 0.00	23.04 0.41 0.00	24.42 0.38 0.00	26.88 0.40 0.00	27.23 0.43 0.00	26.70 0.50 0.00	26.43 0.59 0.00	29.03 0.54 0.00	30.47 0.57 0.00	33.96 0.67 0.00	36.70 0.68 0.00	38.45 0.79 0.00	40.87 0.76 0.00	45.62 0.98 0.00	53.66 1.16 0.00	49.25 1.06 0.00	44.13 1.03 0.00	41.70 0.94 0.00	37.15 0.84 0.00	33.35 0.69 0.00	29.46 0.69 0.00
ROARING___BROOK_WT_PWR 323790	26.34 -0.57 0.00	25.07 -0.43 0.00	23.46 -0.38 0.00	22.24 -0.34 0.00	22.32 -0.32 0.00	23.74 -0.29 0.00	26.17 -0.32 0.00	26.50 -0.29 0.00	25.97 -0.24 0.00	25.50 -0.34 0.00	28.15 -0.34 0.00	29.48 -0.42 0.00	32.83 -0.47 0.00	35.55 -0.47 0.00	37.17 -0.49 0.00	39.55 -0.56 0.00	43.88 -0.76 0.00	51.51 -1.00 0.00	47.28 -0.92 0.00	42.58 -0.52 0.00	40.23 -0.53 0.00	35.81 -0.51 0.00	32.20 -0.46 0.00	28.37 -0.40 0.00

ROCHESRG_115KV_T4 355643	26.93 0.03 0.00	25.30 -0.20 0.00	23.55 -0.29 0.00	22.28 -0.29 0.00	22.37 -0.27 0.00	23.81 -0.22 0.00	26.03 -0.45 0.00	26.66 -0.13 0.00	25.87 -0.34 0.00	25.78 -0.05 0.00	28.49 0.00 0.00	30.29 0.39 0.00	33.63 0.33 0.00	36.27 0.25 0.00	37.78 0.11 0.00	40.63 0.52 0.00	45.35 0.71 0.00	53.77 1.26 0.00	49.88 1.69 0.00	43.52 0.43 0.00	40.92 0.16 0.00	36.43 0.11 0.00	33.02 0.36 0.00	28.71 -0.06 0.00
ROCHESTER_9_IC 23652	27.09 0.19 0.00	25.46 -0.05 0.00	23.70 -0.14 0.00	22.42 -0.16 0.00	22.48 -0.16 0.00	23.96 -0.07 0.00	26.19 -0.29 0.00	26.82 0.03 0.00	26.05 -0.16 0.00	25.94 0.10 0.00	28.68 0.20 0.00	30.53 0.63 0.00	33.89 0.60 0.00	36.60 0.58 0.00	38.08 0.41 0.00	40.99 0.88 0.00	45.80 1.16 0.00	54.34 1.84 0.00	50.31 2.12 0.00	43.91 0.82 0.00	41.29 0.53 0.00	36.72 0.40 0.00	33.28 0.62 0.00	28.91 0.14 0.00
ROCKVIEW_13_KV_LD 356306	28.41 1.51 0.00	26.78 1.28 0.00	25.03 1.19 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.14 1.11 0.00	27.86 1.38 0.00	28.38 1.58 0.00	27.99 1.78 0.00	27.90 2.07 0.00	30.96 2.48 0.00	32.41 2.51 0.00	36.13 2.83 0.00	39.01 2.99 0.00	40.79 3.13 0.00	43.40 3.29 0.00	48.79 4.15 0.00	57.13 4.62 0.00	51.95 3.76 0.00	46.45 3.36 0.00	43.65 2.89 0.00	38.82 2.51 0.00	34.91 2.25 0.00	30.78 2.01 0.00
ROME____115KV_TB2 80656	27.90 1.00 0.00	26.30 0.79 0.00	24.55 0.72 0.00	23.23 0.65 0.00	23.29 0.66 0.00	24.82 0.79 0.00	27.36 0.87 0.00	27.68 0.88 0.00	26.86 0.66 0.00	26.53 0.70 0.00	29.20 0.71 0.00	30.77 0.87 0.00	34.26 0.97 0.00	37.21 1.19 0.00	38.98 1.32 0.00	41.67 1.56 0.00	46.56 1.92 0.00	55.08 2.57 0.00	50.84 2.65 0.00	45.33 2.24 0.00	42.84 2.08 0.00	38.10 1.78 0.00	34.10 1.44 0.00	29.98 1.21 0.00
ROSETON___1 23587	27.98 1.08 0.00	26.42 0.92 0.00	24.70 0.86 0.00	23.34 0.77 0.00	23.41 0.77 0.00	24.82 0.79 0.00	27.43 0.95 0.00	27.92 1.13 0.00	27.46 1.26 0.00	27.33 1.50 0.00	30.22 1.74 0.00	31.66 1.76 0.00	35.29 2.00 0.00	38.11 2.09 0.00	39.81 2.15 0.00	42.39 2.28 0.00	47.49 2.86 0.00	55.71 3.20 0.00	50.84 2.65 0.00	45.25 2.15 0.00	42.76 2.00 0.00	38.06 1.74 0.00	34.19 1.54 0.00	30.26 1.49 0.00
ROSETON___2 23588	27.98 1.08 0.00	26.42 0.92 0.00	24.70 0.86 0.00	23.34 0.77 0.00	23.41 0.77 0.00	24.82 0.79 0.00	27.43 0.95 0.00	27.92 1.13 0.00	27.46 1.26 0.00	27.33 1.50 0.00	30.22 1.74 0.00	31.66 1.76 0.00	35.29 2.00 0.00	38.11 2.09 0.00	39.81 2.15 0.00	42.39 2.28 0.00	47.49 2.86 0.00	55.71 3.20 0.00	50.84 2.65 0.00	45.25 2.15 0.00	42.76 2.00 0.00	38.06 1.74 0.00	34.19 1.54 0.00	30.26 1.49 0.00
ROTTRDAM_115KV_TB3 80664	27.77 0.86 0.00	26.25 0.74 0.00	24.51 0.67 0.00	23.21 0.63 0.00	23.27 0.63 0.00	24.70 0.67 0.00	27.25 0.77 0.00	27.55 0.75 0.00	26.97 0.76 0.00	26.64 0.80 0.00	29.31 0.83 0.00	30.77 0.87 0.00	34.29 1.00 0.00	37.06 1.04 0.00	38.79 1.13 0.00	41.31 1.20 0.00	46.11 1.47 0.00	54.40 1.89 0.00	50.02 1.83 0.00	44.73 1.64 0.00	42.31 1.55 0.00	37.73 1.42 0.00	33.87 1.21 0.00	29.83 1.06 0.00
RUSSELL___1 23602	27.23 0.32 0.00	25.56 0.05 0.00	23.79 -0.05 0.00	22.51 -0.07 0.00	22.59 -0.05 0.00	24.06 0.02 0.00	26.30 -0.19 0.00	26.98 0.19 0.00	26.18 -0.03 0.00	26.09 0.26 0.00	28.83 0.34 0.00	30.71 0.81 0.00	34.09 0.80 0.00	36.85 0.83 0.00	38.38 0.72 0.00	41.31 1.20 0.00	46.15 1.52 0.00	54.82 2.31 0.00	50.80 2.60 0.00	44.30 1.21 0.00	41.62 0.86 0.00	37.01 0.69 0.00	33.51 0.85 0.00	29.11 0.35 0.00
RUSSELL___2 23532	27.23 0.32 0.00	25.56 0.05 0.00	23.79 -0.05 0.00	22.51 -0.07 0.00	22.59 -0.05 0.00	24.06 0.02 0.00	26.30 -0.19 0.00	26.98 0.19 0.00	26.18 -0.03 0.00	26.09 0.26 0.00	28.83 0.34 0.00	30.71 0.81 0.00	34.09 0.80 0.00	36.85 0.83 0.00	38.38 0.72 0.00	41.31 1.20 0.00	46.15 1.52 0.00	54.82 2.31 0.00	50.80 2.60 0.00	44.30 1.21 0.00	41.62 0.86 0.00	37.01 0.69 0.00	33.51 0.85 0.00	29.11 0.35 0.00
RUSSELL___3 23549	27.23 0.32 0.00	25.56 0.05 0.00	23.79 -0.05 0.00	22.51 -0.07 0.00	22.59 -0.05 0.00	24.06 0.02 0.00	26.30 -0.19 0.00	26.98 0.19 0.00	26.18 -0.03 0.00	26.09 0.26 0.00	28.83 0.34 0.00	30.71 0.81 0.00	34.09 0.80 0.00	36.85 0.83 0.00	38.38 0.72 0.00	41.31 1.20 0.00	46.15 1.52 0.00	54.82 2.31 0.00	50.80 2.60 0.00	44.30 1.21 0.00	41.62 0.86 0.00	37.01 0.69 0.00	33.51 0.85 0.00	29.11 0.35 0.00
RUSSELL___4 23556	27.23 0.32 0.00	25.56 0.05 0.00	23.79 -0.05 0.00	22.51 -0.07 0.00	22.59 -0.05 0.00	24.06 0.02 0.00	26.30 -0.19 0.00	26.98 0.19 0.00	26.18 -0.03 0.00	26.09 0.26 0.00	28.83 0.34 0.00	30.71 0.81 0.00	34.09 0.80 0.00	36.85 0.83 0.00	38.38 0.72 0.00	41.31 1.20 0.00	46.15 1.52 0.00	54.82 2.31 0.00	50.80 2.60 0.00	44.30 1.21 0.00	41.62 0.86 0.00	37.01 0.69 0.00	33.51 0.85 0.00	29.11 0.35 0.00
RUSSELL___STATION 23914	27.23 0.32 0.00	25.56 0.05 0.00	23.79 -0.05 0.00	22.51 -0.07 0.00	22.59 -0.05 0.00	24.06 0.02 0.00	26.30 -0.19 0.00	26.98 0.19 0.00	26.18 -0.03 0.00	26.09 0.26 0.00	28.83 0.34 0.00	30.71 0.81 0.00	34.09 0.80 0.00	36.85 0.83 0.00	38.38 0.72 0.00	41.31 1.20 0.00	46.15 1.52 0.00	54.82 2.31 0.00	50.80 2.60 0.00	44.30 1.21 0.00	41.62 0.86 0.00	37.01 0.69 0.00	33.51 0.85 0.00	29.11 0.35 0.00
S SALMON___HYD 24043	26.37 -0.54 0.00	24.90 -0.61 0.00	23.27 -0.57 0.00	22.03 -0.54 0.00	22.09 -0.54 0.00	23.50 -0.53 0.00	25.93 -0.56 0.00	26.15 -0.64 0.00	25.39 -0.81 0.00	25.14 -0.70 0.00	27.69 -0.80 0.00	29.18 -0.72 0.00	32.46 -0.83 0.00	35.19 -0.83 0.00	36.80 -0.86 0.00	39.22 -0.88 0.00	43.74 -0.89 0.00	51.72 -0.79 0.00	47.71 -0.48 0.00	42.49 -0.60 0.00	40.23 -0.53 0.00	35.88 -0.43 0.00	32.20 -0.46 0.00	28.25 -0.52 0.00
S.PERRY__115KV_TB1 80734	27.93 1.02 0.00	26.20 0.69 0.00	24.34 0.50 0.00	23.00 0.43 0.00	23.11 0.48 0.00	24.68 0.65 0.00	26.99 0.50 0.00	27.57 0.78 0.00	26.44 0.24 0.00	26.30 0.47 0.00	29.06 0.57 0.00	30.92 1.02 0.00	34.39 1.10 0.00	37.14 1.12 0.00	37.33 -0.34 0.00	40.47 0.36 0.00	45.22 0.58 0.00	53.92 1.42 0.00	50.17 1.98 0.00	44.13 1.03 0.00	41.78 1.02 0.00	37.04 0.73 0.00	34.62 1.96 0.00	29.92 1.15 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.99 0.08 0.00	25.25 -0.26 0.00	23.46 -0.38 0.00	22.21 -0.36 0.00	22.30 -0.34 0.00	23.74 -0.29 0.00	25.85 -0.64 0.00	26.56 -0.24 0.00	25.74 -0.47 0.00	25.73 -0.10 0.00	28.57 0.09 0.00	30.56 0.66 0.00	33.86 0.57 0.00	36.45 0.43 0.00	37.65 -0.04 0.00	40.45 0.32 0.00	45.06 0.40 0.00	53.31 0.79 0.00	49.76 1.54 0.00	43.11 0.00 0.00	40.56 -0.20 0.00	36.21 -0.11 0.00	32.99 0.33 0.00	28.60 -0.17 0.00

SAWYER___23_KV_LOAD 55526	26.99 0.08 0.00	25.25 -0.26 0.00	23.46 -0.38 0.00	22.21 -0.36 0.00	22.30 -0.34 0.00	23.74 -0.29 0.00	25.85 -0.64 0.00	26.56 -0.24 0.00	25.74 -0.47 0.00	25.73 -0.10 0.00	28.57 0.09 0.00	30.56 0.66 0.00	33.86 0.57 0.00	36.45 0.43 0.00	37.65 -0.04 -0.02	40.45 0.32 -0.02	45.06 0.40 -0.02	53.31 0.79 -0.02	49.76 1.54 -0.02	43.11 0.00 -0.02	40.56 -0.20 0.00	36.21 -0.11 0.00	32.99 0.33 0.00	28.60 -0.17 0.00
SELKIRK___I 23801	27.52 0.62 0.00	26.04 0.54 0.00	24.34 0.50 0.00	23.09 0.52 0.00	23.16 0.52 0.00	24.54 0.51 0.00	26.98 0.50 0.00	27.30 0.51 0.00	26.70 0.50 0.00	26.35 0.52 0.00	28.91 0.43 0.00	30.32 0.42 0.00	33.80 0.50 0.00	36.56 0.54 0.00	38.26 0.60 0.00	40.71 0.60 0.00	45.48 0.85 0.00	53.66 1.15 0.00	49.40 1.21 0.00	44.13 1.03 0.00	41.82 1.06 0.00	37.30 0.98 0.00	33.48 0.82 0.00	29.57 0.80 0.00
SELKIRK___II 23799	27.36 0.46 0.00	25.89 0.38 0.00	24.20 0.36 0.00	22.96 0.38 0.00	23.02 0.38 0.00	24.39 0.36 0.00	26.85 0.37 0.00	27.20 0.40 0.00	26.68 0.47 0.00	26.38 0.54 0.00	29.03 0.54 0.00	30.44 0.54 0.00	33.93 0.63 0.00	36.67 0.65 0.00	38.38 0.71 0.00	40.79 0.68 0.00	45.57 0.94 0.00	53.61 1.10 0.00	49.21 1.01 0.00	43.91 0.82 0.00	41.62 0.86 0.00	37.08 0.76 0.00	33.28 0.62 0.00	29.40 0.63 0.00
SENECA OSWGO___HYD 24041	26.58 -0.32 0.00	25.13 -0.38 0.00	23.46 -0.38 0.00	22.21 -0.36 0.00	22.27 -0.36 0.00	23.67 -0.36 0.00	26.11 -0.37 0.00	26.34 -0.46 0.00	25.63 -0.58 0.00	25.40 -0.44 0.00	28.00 -0.48 0.00	29.48 -0.42 0.00	32.83 -0.47 0.00	35.59 -0.43 0.00	37.17 -0.49 0.00	39.63 -0.48 0.00	44.15 -0.49 0.00	52.14 -0.36 0.00	47.95 -0.24 0.00	42.58 -0.52 0.00	40.31 -0.45 0.00	35.92 -0.40 0.00	32.36 -0.29 0.00	28.39 -0.37 0.00
SENECA___115KV_TB3 355854	27.31 0.40 0.00	25.53 0.03 0.00	23.72 -0.12 0.00	22.46 -0.11 0.00	22.55 -0.09 0.00	24.01 -0.02 0.00	26.16 -0.32 0.00	26.90 0.11 0.00	26.08 -0.13 0.00	26.09 0.26 0.00	29.00 0.51 0.00	31.01 1.11 0.00	34.43 1.13 0.00	37.14 1.12 0.00	38.28 0.60 -0.01	41.04 0.92 -0.01	45.72 1.07 -0.01	54.09 1.58 -0.01	50.37 2.17 -0.01	43.75 0.65 -0.01	41.21 0.45 0.00	36.75 0.44 0.00	33.44 0.78 0.00	28.97 0.20 0.00
SENECA___ENERGY 23797	27.07 0.16 0.00	25.51 0.00 0.00	23.74 -0.09 0.00	22.48 -0.09 0.00	22.57 -0.07 0.00	24.03 0.00 0.00	26.56 0.08 0.00	26.90 0.11 0.00	26.10 -0.10 0.00	25.94 0.10 0.00	28.63 0.14 0.00	30.32 0.42 0.00	33.73 0.43 0.00	36.45 0.43 0.00	38.04 0.38 0.00	40.71 0.60 0.00	45.39 0.76 0.00	53.76 1.26 0.00	49.64 1.44 0.00	43.74 0.65 0.00	41.41 0.65 0.00	36.79 0.47 0.00	33.31 0.65 0.00	28.97 0.20 0.00
SHOEMAKER___GT 23640	27.87 0.97 0.00	26.30 0.79 0.00	24.58 0.74 0.00	23.25 0.68 0.00	23.29 0.66 0.00	24.70 0.67 0.00	27.28 0.79 0.00	27.73 0.94 0.00	27.26 1.05 0.00	27.08 1.24 0.00	29.94 1.45 0.00	31.36 1.46 0.00	34.99 1.70 0.00	37.78 1.76 0.00	39.51 1.85 0.00	42.11 2.00 0.00	47.13 2.50 0.00	55.34 2.83 0.00	50.60 2.41 0.00	45.12 2.03 0.00	42.55 1.79 0.00	37.84 1.53 0.00	34.03 1.37 0.00	30.09 1.32 0.00
SHOEMAKR_138KV_BK 111 55601	27.87 0.97 0.00	26.30 0.79 0.00	24.58 0.74 0.00	23.23 0.65 0.00	23.29 0.66 0.00	24.70 0.67 0.00	27.33 0.85 0.00	27.73 0.94 0.00	27.26 1.05 0.00	27.10 1.27 0.00	29.97 1.48 0.00	31.39 1.49 0.00	34.99 1.70 0.00	37.82 1.80 0.00	39.55 1.88 0.00	42.11 2.01 0.00	47.18 2.54 0.00	55.39 2.89 0.00	50.60 2.41 0.00	45.29 2.20 0.00	42.51 1.75 0.00	37.88 1.56 0.00	34.10 1.44 0.00	30.09 1.32 0.00
SHOREHAM_IC_1 23715	31.33 1.86 -2.57	27.09 1.58 0.00	25.37 1.53 0.00	23.93 1.35 0.00	23.84 1.20 0.00	25.47 1.44 0.00	27.91 1.43 0.00	28.70 1.90 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.90 2.73 -2.68	36.22 2.78 -3.54	37.95 3.20 -1.46	39.26 3.24 0.00	41.15 3.35 -0.14	44.04 3.77 -0.17	49.71 4.73 -0.35	65.95 5.83 -7.62	52.72 4.53 0.00	46.67 3.57 0.00	44.06 3.30 0.00	39.26 2.94 0.00	34.88 2.22 0.00	33.33 2.47 -2.09
SHOREHAM_IC_2 23716	31.33 1.86 -2.57	27.09 1.58 0.00	25.37 1.53 0.00	23.93 1.35 0.00	23.84 1.20 0.00	25.47 1.44 0.00	27.91 1.43 0.00	28.70 1.90 0.00	28.15 1.94 0.00	28.03 2.19 0.00	33.90 2.73 -2.68	36.22 2.78 -3.54	37.95 3.20 -1.46	39.26 3.24 0.00	41.15 3.35 -0.14	44.04 3.77 -0.17	49.71 4.73 -0.35	65.95 5.83 -7.62	52.72 4.53 0.00	46.67 3.57 0.00	44.06 3.30 0.00	39.26 2.94 0.00	34.88 2.22 0.00	33.33 2.47 -2.09
SISSONVILLE____ 23735	25.83 -1.08 0.00	24.64 -0.87 0.00	23.05 -0.79 0.00	21.83 -0.74 0.00	21.87 -0.77 0.00	23.31 -0.72 0.00	25.66 -0.82 0.00	25.91 -0.88 0.00	25.32 -0.89 0.00	24.75 -1.09 0.00	27.23 -1.25 0.00	28.52 -1.38 0.00	31.76 -1.53 0.00	34.44 -1.58 0.00	36.12 -1.54 0.00	38.38 -1.72 0.00	42.40 -2.23 0.00	49.30 -3.20 0.00	45.30 -2.89 0.00	41.41 -1.68 0.00	39.29 -1.47 0.00	34.94 -1.38 0.00	31.42 -1.24 0.00	27.79 -0.98 0.00
SITHE_IND_GS1 24169	26.31 -0.59 0.00	24.90 -0.61 0.00	23.24 -0.60 0.00	22.03 -0.54 0.00	22.09 -0.54 0.00	23.45 -0.58 0.00	25.85 -0.64 0.00	26.05 -0.75 0.00	25.39 -0.81 0.00	25.11 -0.72 0.00	27.72 -0.77 0.00	29.18 -0.72 0.00	32.46 -0.83 0.00	35.12 -0.90 0.00	36.72 -0.94 0.00	39.14 -0.96 0.00	43.61 -1.02 0.00	51.46 -1.05 0.00	47.28 -0.92 0.00	42.06 -1.03 0.00	39.78 -0.98 0.00	35.41 -0.91 0.00	31.94 -0.72 0.00	28.05 -0.72 0.00
SITHE_IND_GS2 24170	26.31 -0.59 0.00	24.90 -0.61 0.00	23.24 -0.60 0.00	22.03 -0.54 0.00	22.09 -0.54 0.00	23.45 -0.58 0.00	25.85 -0.64 0.00	26.05 -0.75 0.00	25.39 -0.81 0.00	25.11 -0.72 0.00	27.72 -0.77 0.00	29.18 -0.72 0.00	32.46 -0.83 0.00	35.12 -0.90 0.00	36.72 -0.94 0.00	39.14 -0.96 0.00	43.61 -1.02 0.00	51.46 -1.05 0.00	47.28 -0.92 0.00	42.06 -1.03 0.00	39.78 -0.98 0.00	35.41 -0.91 0.00	31.94 -0.72 0.00	28.05 -0.72 0.00
SITHE_IND_GS3 24171	26.31 -0.59 0.00	24.90 -0.61 0.00	23.24 -0.60 0.00	22.03 -0.54 0.00	22.09 -0.54 0.00	23.45 -0.58 0.00	25.85 -0.64 0.00	26.05 -0.75 0.00	25.39 -0.81 0.00	25.11 -0.72 0.00	27.72 -0.77 0.00	29.18 -0.72 0.00	32.46 -0.83 0.00	35.12 -0.90 0.00	36.72 -0.94 0.00	39.14 -0.96 0.00	43.61 -1.02 0.00	51.46 -1.05 0.00	47.28 -0.92 0.00	42.06 -1.03 0.00	39.78 -0.98 0.00	35.41 -0.91 0.00	31.94 -0.72 0.00	28.05 -0.72 0.00
SITHE_IND_GS4 24172	26.31 -0.59 0.00	24.90 -0.61 0.00	23.24 -0.60 0.00	22.03 -0.54 0.00	22.09 -0.54 0.00	23.45 -0.58 0.00	25.85 -0.64 0.00	26.05 -0.75 0.00	25.39 -0.81 0.00	25.11 -0.72 0.00	27.72 -0.77 0.00	29.18 -0.72 0.00	32.46 -0.83 0.00	35.12 -0.90 0.00	36.72 -0.94 0.00	39.14 -0.96 0.00	43.61 -1.02 0.00	51.46 -1.05 0.00	47.28 -0.92 0.00	42.06 -1.03 0.00	39.78 -0.98 0.00	35.41 -0.91 0.00	31.94 -0.72 0.00	28.05 -0.72 0.00

SITHE___BATAVIA 24024	27.55 0.64 0.00	25.76 0.26 0.00	23.96 0.12 0.00	22.66 0.09 0.00	22.75 0.11 0.00	24.27 0.24 0.00	26.64 0.16 0.00	27.25 0.46 0.00	26.36 0.16 0.00	26.30 0.47 0.00	29.11 0.63 0.00	31.16 1.26 0.00	34.53 1.23 0.00	37.21 1.19 0.00	38.68 1.02 0.00	41.51 1.40 0.00	46.42 1.79 0.00	55.23 2.73 0.00	51.37 3.18 0.00	44.56 1.47 0.00	42.06 1.30 0.00	37.44 1.13 0.00	34.26 1.60 0.00	29.40 0.63 0.00
SITHE___INDEPEND 23800	26.31 -0.59 0.00	24.90 -0.61 0.00	23.24 -0.60 0.00	22.03 -0.54 0.00	22.09 -0.54 0.00	23.45 -0.58 0.00	25.82 -0.66 0.00	26.05 -0.75 0.00	25.39 -0.81 0.00	25.11 -0.72 0.00	27.72 -0.77 0.00	29.18 -0.72 0.00	32.46 -0.83 0.00	35.12 -0.90 0.00	36.68 -0.98 0.00	39.14 -0.96 0.00	43.61 -1.03 0.00	51.45 -1.05 0.00	47.33 -0.87 0.00	42.10 -0.99 0.00	39.78 -0.98 0.00	35.41 -0.91 0.00	31.91 -0.75 0.00	28.05 -0.72 0.00
SITHE___MASSENA 23902	26.58 -0.32 0.00	25.38 -0.13 0.00	23.72 -0.12 0.00	22.46 -0.11 0.00	22.50 -0.14 0.00	23.96 -0.07 0.00	26.35 -0.13 0.00	26.64 -0.16 0.00	26.05 -0.16 0.00	25.47 -0.36 0.00	28.06 -0.43 0.00	29.39 -0.51 0.00	32.73 -0.57 0.00	35.44 -0.58 0.00	37.10 -0.56 0.00	39.46 -0.64 0.00	43.70 -0.94 0.00	50.77 -1.73 0.00	46.55 -1.64 0.00	42.53 -0.56 0.00	40.23 -0.53 0.00	35.77 -0.54 0.00	32.14 -0.52 0.00	28.34 -0.43 0.00
SITHE___OGDNSBRG 24021	26.64 -0.27 0.00	25.41 -0.10 0.00	23.74 -0.10 0.00	22.48 -0.09 0.00	22.52 -0.11 0.00	24.03 0.00 0.00	26.43 -0.05 0.00	26.66 -0.13 0.00	25.94 -0.26 0.00	25.32 -0.52 0.00	27.86 -0.63 0.00	29.18 -0.72 0.00	32.50 -0.80 0.00	35.26 -0.76 0.00	36.99 -0.68 0.00	39.34 -0.76 0.00	43.48 -1.16 0.00	50.56 -1.94 0.00	46.60 -1.59 0.00	42.58 -0.52 0.00	40.47 -0.29 0.00	35.95 -0.36 0.00	32.27 -0.39 0.00	28.48 -0.29 0.00
SITHE___STERLING 23777	27.77 0.86 0.00	26.20 0.69 0.00	24.44 0.60 0.00	23.11 0.54 0.00	23.20 0.57 0.00	24.68 0.65 0.00	27.22 0.74 0.00	27.55 0.75 0.00	26.76 0.55 0.00	26.46 0.62 0.00	29.14 0.66 0.00	30.71 0.81 0.00	34.19 0.90 0.00	37.10 1.08 0.00	38.83 1.17 0.00	41.47 1.36 0.00	46.33 1.70 0.00	54.76 2.26 0.00	50.51 2.31 0.00	44.95 1.85 0.00	42.51 1.75 0.00	37.84 1.53 0.00	33.93 1.27 0.00	29.77 1.01 0.00
SLEIGHT__34_KV_TB1 80719	26.91 0.00 0.00	25.33 -0.18 0.00	23.58 -0.26 0.00	22.30 -0.27 0.00	22.39 -0.25 0.00	23.86 -0.17 0.00	26.22 -0.26 0.00	26.72 -0.08 0.00	25.94 -0.26 0.00	25.81 -0.03 0.00	28.49 0.00 0.00	30.23 0.33 0.00	33.63 0.33 0.00	36.34 0.32 0.00	37.93 0.26 0.00	40.75 0.64 0.00	45.44 0.80 0.00	53.87 1.37 0.00	49.83 1.64 0.00	43.70 0.60 0.00	41.17 0.41 0.00	36.57 0.25 0.00	33.02 0.36 0.00	28.77 0.00 0.00
SOUTH CAIRO___GT 23612	28.12 1.21 0.00	26.58 1.07 0.00	24.82 0.98 0.00	23.54 0.97 0.00	23.59 0.95 0.00	24.97 0.94 0.00	27.52 1.03 0.00	27.68 0.88 0.00	27.05 0.84 0.00	26.61 0.78 0.00	29.06 0.57 0.00	30.41 0.51 0.00	34.03 0.73 0.00	36.85 0.83 0.00	38.76 1.09 0.00	41.23 1.12 0.00	46.20 1.56 0.00	54.82 2.31 0.00	50.84 2.65 0.00	45.72 2.63 0.00	43.16 2.40 0.00	38.31 2.00 0.00	34.29 1.63 0.00	30.29 1.52 0.00
SOUTH HAMPTN___IC 23720	31.90 2.42 -2.57	27.60 2.09 0.00	25.86 2.03 0.00	24.38 1.81 0.00	24.29 1.65 0.00	25.95 1.92 0.00	28.41 1.93 0.00	29.23 2.44 0.00	28.70 2.49 0.00	28.60 2.77 0.00	34.67 3.50 -2.68	37.14 3.71 -3.54	38.98 4.23 -1.46	40.45 4.43 0.00	42.39 4.59 -0.14	45.41 5.13 -0.16	51.28 6.30 -0.35	67.79 7.67 -7.62	54.41 6.22 0.00	48.05 4.95 0.00	45.32 4.56 0.00	40.32 3.99 0.00	35.73 3.07 0.00	34.02 3.16 -2.09
SOUTHDOW_115KV_TB1 355954	28.14 1.24 0.00	26.32 0.82 0.00	24.41 0.57 0.00	23.16 0.59 0.00	23.25 0.61 0.00	24.80 0.77 0.00	27.14 0.66 0.00	28.03 1.23 0.00	27.12 0.92 0.00	27.15 1.32 0.00	30.25 1.77 0.00	32.35 2.45 0.00	35.89 2.60 0.00	38.87 2.85 0.00	40.04 2.37 -0.01	42.80 2.69 -0.01	47.55 2.90 -0.01	56.19 3.68 -0.01	52.25 4.05 -0.01	45.51 2.41 -0.01	43.00 2.24 0.00	38.28 1.96 0.00	34.75 2.09 0.00	30.03 1.27 0.00
SOUTHOLD_69_KV_BK 2 55809	32.52 3.04 -2.57	28.16 2.65 0.00	26.41 2.57 0.00	24.90 2.33 0.00	24.77 2.13 0.00	26.51 2.48 0.00	29.00 2.52 0.00	29.82 3.03 0.00	29.30 3.09 0.00	29.22 3.38 0.00	35.52 4.36 -2.68	38.16 4.72 -3.54	40.11 5.36 -1.46	41.78 5.76 0.00	43.79 5.99 -0.14	47.05 6.78 -0.16	53.15 8.17 -0.35	69.94 9.82 -7.62	56.39 8.19 0.00	50.29 7.20 0.00	46.71 5.95 0.00	41.59 5.27 0.00	37.10 4.44 0.00	34.82 3.97 -2.09
SOUTHOLD___IC 23719	32.52 3.04 -2.57	28.16 2.65 0.00	26.41 2.58 0.00	24.90 2.33 0.00	24.76 2.13 0.00	26.51 2.48 0.00	28.97 2.49 0.00	29.82 3.03 0.00	29.30 3.09 0.00	29.22 3.38 0.00	35.49 4.33 -2.68	38.16 4.72 -3.54	40.11 5.36 -1.46	41.75 5.73 0.00	43.79 5.99 -0.14	46.93 6.66 -0.16	53.01 8.03 -0.35	69.99 9.87 -7.62	56.34 8.15 0.00	49.64 6.55 0.00	46.71 5.95 0.00	41.55 5.23 0.00	36.71 4.05 0.00	34.83 3.97 -2.09
SOUTH_FORK_WT_PWR 323839	32.62 3.15 -2.57	28.26 2.76 0.00	26.51 2.67 0.00	24.99 2.42 0.00	24.86 2.22 0.00	26.60 2.57 0.00	29.08 2.60 0.00	29.93 3.13 0.00	29.40 3.20 0.00	29.35 3.51 0.00	35.66 4.50 -2.68	38.34 4.90 -3.54	40.31 5.56 -1.46	41.96 5.94 0.00	43.98 6.18 -0.14	47.17 6.90 -0.16	53.33 8.34 -0.35	70.31 10.19 -7.62	56.63 8.43 0.00	49.86 6.77 0.00	46.91 6.16 0.00	41.73 5.41 0.00	36.87 4.21 0.00	34.94 4.08 -2.09
SPIERFLS_115KV_TB 1 80737	28.98 2.07 0.00	27.40 1.89 0.00	25.41 1.57 0.00	24.04 1.47 0.00	24.13 1.49 0.00	25.67 1.63 0.00	28.47 1.99 0.00	28.73 1.93 0.00	28.09 1.89 0.00	27.80 1.96 0.00	30.31 1.82 0.00	31.81 1.91 0.00	35.49 2.20 0.00	38.18 2.16 0.00	40.04 2.37 0.00	42.63 2.53 0.00	47.58 2.95 0.00	56.50 3.99 0.00	52.68 4.48 0.00	47.10 4.01 0.00	44.96 4.20 0.00	39.91 3.60 0.00	35.60 2.94 0.00	31.33 2.56 0.00
ST LAWRENCE____ 23600	26.45 -0.46 0.00	25.23 -0.28 0.00	23.58 -0.26 0.00	22.33 -0.25 0.00	22.37 -0.27 0.00	23.79 -0.24 0.00	26.19 -0.29 0.00	26.48 -0.32 0.00	25.92 -0.29 0.00	25.34 -0.49 0.00	27.94 -0.54 0.00	29.27 -0.63 0.00	32.59 -0.70 0.00	35.26 -0.76 0.00	36.91 -0.75 0.00	39.26 -0.84 0.00	43.52 -1.11 0.00	50.93 -1.57 0.00	46.75 -1.44 0.00	42.27 -0.82 0.00	39.94 -0.81 0.00	35.55 -0.76 0.00	31.94 -0.72 0.00	28.16 -0.61 0.00
STATE_CA_115KV_115_LB 55624	27.44 0.54 0.00	25.97 0.46 0.00	24.24 0.41 0.00	23.03 0.45 0.00	23.09 0.45 0.00	24.44 0.41 0.00	26.93 0.45 0.00	27.28 0.48 0.00	26.76 0.55 0.00	26.48 0.65 0.00	29.11 0.63 0.00	30.53 0.63 0.00	34.03 0.73 0.00	36.81 0.79 0.00	38.57 0.90 0.00	40.99 0.88 0.00	45.75 1.12 0.00	53.87 1.37 0.00	49.45 1.25 0.00	44.26 1.16 0.00	41.82 1.06 0.00	37.26 0.94 0.00	33.44 0.78 0.00	29.52 0.75 0.00

STATE_ST_34_KV_LOAD 55959	27.12 0.22 0.00	25.61 0.10 0.00	23.89 0.05 0.00	22.62 0.05 0.00	22.71 0.07 0.00	24.15 0.12 0.00	26.62 0.13 0.00	26.96 0.16 0.00	26.21 0.00 0.00	26.02 0.18 0.00	28.68 0.20 0.00	30.29 0.39 0.00	33.76 0.47 0.00	36.52 0.50 0.00	38.12 0.45 0.00	40.79 0.68 0.00	45.48 0.85 0.00	53.77 1.26 0.00	49.59 1.40 0.00	43.91 0.82 0.00	41.53 0.77 0.00	36.86 0.54 0.00	33.21 0.56 0.00	29.06 0.29 0.00
STATION 5_MISC_HYD 23604	27.10 0.19 0.00	25.46 -0.05 0.00	23.70 -0.14 0.00	22.42 -0.16 0.00	22.50 -0.14 0.00	23.96 -0.07 0.00	26.32 -0.16 0.00	26.82 0.03 0.00	26.05 -0.16 0.00	25.94 0.10 0.00	28.69 0.20 0.00	30.53 0.63 0.00	33.90 0.60 0.00	36.59 0.57 0.00	38.19 0.53 0.00	40.99 0.88 0.00	45.75 1.12 0.00	54.39 1.89 0.00	50.26 2.07 0.00	43.83 0.73 0.00	41.29 0.53 0.00	36.79 0.47 0.00	33.44 0.78 0.00	28.91 0.14 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.26 0.35 0.00	25.61 0.10 0.00	23.86 0.02 0.00	22.55 -0.02 0.00	22.66 0.02 0.00	24.15 0.12 0.00	26.48 0.00 0.00	27.09 0.29 0.00	26.29 0.08 0.00	26.15 0.31 0.00	28.88 0.40 0.00	30.68 0.78 0.00	34.09 0.80 0.00	36.85 0.83 0.00	38.42 0.75 0.00	41.31 1.20 0.00	46.06 1.43 0.00	54.71 2.21 0.00	50.56 2.36 0.00	44.34 1.25 0.00	41.74 0.98 0.00	37.08 0.76 0.00	33.51 0.85 0.00	29.17 0.40 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.96 0.05 0.00	25.30 -0.20 0.00	23.58 -0.26 0.00	22.28 -0.29 0.00	22.37 -0.27 0.00	23.84 -0.19 0.00	26.09 -0.40 0.00	26.72 -0.08 0.00	25.94 -0.26 0.00	25.84 0.00 0.00	28.54 0.06 0.00	30.38 0.48 0.00	33.73 0.43 0.00	36.42 0.40 0.00	37.97 0.30 0.00	40.83 0.72 0.00	45.62 0.98 0.00	54.13 1.63 0.00	50.07 1.88 0.00	43.74 0.65 0.00	41.13 0.37 0.00	36.57 0.25 0.00	33.08 0.42 0.00	28.77 0.00 0.00
STA_56___34_KV_BUS2 355983	26.96 0.05 0.00	25.30 -0.20 0.00	23.58 -0.26 0.00	22.28 -0.29 0.00	22.37 -0.27 0.00	23.84 -0.19 0.00	26.09 -0.40 0.00	26.72 -0.08 0.00	25.94 -0.26 0.00	25.84 0.00 0.00	28.54 0.06 0.00	30.38 0.48 0.00	33.73 0.43 0.00	36.42 0.40 0.00	37.97 0.30 0.00	40.83 0.72 0.00	45.62 0.98 0.00	54.13 1.63 0.00	50.07 1.88 0.00	43.74 0.65 0.00	41.13 0.37 0.00	36.57 0.25 0.00	33.08 0.42 0.00	28.77 0.00 0.00
STA_67___115KV_BK2 355882	27.04 0.13 0.00	25.38 -0.13 0.00	23.65 -0.19 0.00	22.37 -0.20 0.00	22.43 -0.20 0.00	23.91 -0.12 0.00	26.14 -0.34 0.00	26.77 -0.03 0.00	25.97 -0.24 0.00	25.89 0.05 0.00	28.60 0.11 0.00	30.44 0.54 0.00	33.79 0.50 0.00	36.45 0.43 0.00	37.97 0.30 0.00	40.83 0.72 0.00	45.62 0.98 0.00	54.13 1.63 0.00	50.17 1.98 0.00	43.78 0.69 0.00	41.17 0.41 0.00	36.61 0.29 0.00	33.18 0.52 0.00	28.83 0.06 0.00
STA_7___115KV_9TRANS 80674	27.23 0.32 0.00	25.56 0.05 0.00	23.79 -0.05 0.00	22.51 -0.07 0.00	22.59 -0.05 0.00	24.06 0.02 0.00	26.30 -0.19 0.00	26.98 0.19 0.00	26.18 -0.03 0.00	26.09 0.26 0.00	28.83 0.34 0.00	30.71 0.81 0.00	34.09 0.80 0.00	36.85 0.83 0.00	38.38 0.72 0.00	41.31 1.20 0.00	46.15 1.52 0.00	54.82 2.31 0.00	50.80 2.60 0.00	44.30 1.21 0.00	41.62 0.86 0.00	37.01 0.69 0.00	33.51 0.85 0.00	29.11 0.35 0.00
STA_82___115KV_TB1 80780	27.04 0.13 0.00	25.41 -0.10 0.00	23.65 -0.19 0.00	22.37 -0.20 0.00	22.46 -0.18 0.00	23.91 -0.12 0.00	26.14 -0.34 0.00	26.77 -0.03 0.00	26.00 -0.21 0.00	25.89 0.05 0.00	28.63 0.14 0.00	30.44 0.54 0.00	33.79 0.50 0.00	36.49 0.47 0.00	38.00 0.34 0.00	40.87 0.76 0.00	45.62 0.98 0.00	54.13 1.63 0.00	50.17 1.98 0.00	43.78 0.69 0.00	41.17 0.41 0.00	36.64 0.33 0.00	33.18 0.52 0.00	28.85 0.09 0.00
STEEL___WIND 323596	27.28 0.38 0.00	25.51 0.00 0.00	23.70 -0.14 0.00	22.46 -0.11 0.00	22.55 -0.09 0.00	23.98 -0.05 0.00	26.35 -0.13 0.00	26.88 0.08 0.00	26.05 -0.16 0.00	26.04 0.21 0.00	28.97 0.48 0.00	30.97 1.07 0.00	34.36 1.07 0.00	37.07 1.05 0.00	38.35 0.68 -0.01	41.00 0.88 -0.01	45.63 0.98 -0.01	53.93 1.42 -0.01	50.23 2.02 -0.01	43.58 0.47 -0.01	41.17 0.41 0.00	36.75 0.44 0.00	33.77 1.11 0.00	28.94 0.17 0.00
STEPHTWN_115KV_BK_2 55603	27.58 0.67 0.00	26.09 0.59 0.00	24.34 0.50 0.00	23.12 0.54 0.00	23.18 0.54 0.00	24.56 0.53 0.00	27.09 0.61 0.00	27.44 0.64 0.00	26.89 0.68 0.00	26.61 0.78 0.00	29.23 0.74 0.00	30.65 0.75 0.00	34.19 0.90 0.00	36.99 0.97 0.00	38.76 1.09 0.00	41.19 1.08 0.00	46.02 1.38 0.00	54.24 1.73 0.00	49.83 1.64 0.00	44.60 1.51 0.00	42.15 1.39 0.00	37.51 1.20 0.00	33.64 0.98 0.00	29.69 0.92 0.00
STEUBEN_REC_LFGE 323667	28.41 1.51 0.00	26.63 1.12 0.00	24.67 0.83 0.00	23.41 0.84 0.00	23.52 0.88 0.00	25.11 1.08 0.00	27.73 1.24 0.00	28.35 1.55 0.00	27.23 1.02 0.00	27.26 1.42 0.00	30.25 1.77 0.00	32.32 2.42 0.00	36.03 2.73 0.00	39.05 3.03 0.00	40.34 2.67 0.00	43.28 3.17 0.00	48.21 3.57 0.00	57.29 4.78 0.00	53.26 5.06 0.00	46.76 3.66 0.00	44.27 3.51 0.00	39.11 2.80 0.00	35.40 2.74 0.00	30.55 1.78 0.00
STILLWATER___SOLAR 323814	28.60 1.70 0.00	27.06 1.56 0.00	25.17 1.33 0.00	23.81 1.24 0.00	23.90 1.27 0.00	25.38 1.34 0.00	28.07 1.59 0.00	28.38 1.58 0.00	27.73 1.52 0.00	27.44 1.60 0.00	30.05 1.57 0.00	31.54 1.64 0.00	35.16 1.86 0.00	38.00 1.98 0.00	39.77 2.11 0.00	42.35 2.24 0.00	47.27 2.63 0.00	55.92 3.41 0.00	51.76 3.57 0.00	46.20 3.10 0.00	43.94 3.18 0.00	39.11 2.80 0.00	34.98 2.32 0.00	30.84 2.07 0.00
STONY___BROOK 24151	31.58 2.10 -2.57	27.32 1.81 0.00	25.58 1.74 0.00	24.11 1.54 0.00	24.04 1.40 0.00	25.67 1.63 0.00	28.18 1.70 0.00	28.94 2.14 0.00	28.28 2.07 0.00	28.16 2.33 0.00	34.01 2.85 -2.68	36.34 2.90 -3.54	38.21 3.46 -1.46	39.48 3.46 0.00	41.39 3.58 -0.14	44.25 3.97 -0.17	49.68 4.69 -0.36	65.80 5.67 -7.63	52.62 4.43 0.00	46.58 3.49 0.00	44.22 3.46 0.00	39.40 3.09 0.00	35.11 2.45 0.00	33.53 2.68 -2.09
STURGEON_POOL_HYD 23609	28.04 1.13 0.00	26.43 0.92 0.00	24.75 0.91 0.00	23.36 0.79 0.00	23.41 0.77 0.00	24.80 0.77 0.00	27.46 0.98 0.00	27.87 1.07 0.00	27.46 1.26 0.00	27.36 1.52 0.00	30.31 1.82 0.00	31.72 1.82 0.00	35.43 2.13 0.00	38.25 2.23 0.00	40.00 2.34 0.00	42.59 2.49 0.00	47.80 3.17 0.00	55.97 3.47 0.00	50.99 2.80 0.00	45.64 2.54 0.00	42.80 2.04 0.00	38.10 1.78 0.00	34.32 1.67 0.00	30.32 1.55 0.00
ST_LAW_115_BK7_LBMP 345037	26.39 -0.51 0.00	25.18 -0.33 0.00	23.55 -0.29 0.00	22.30 -0.27 0.00	22.34 -0.29 0.00	23.77 -0.26 0.00	26.17 -0.32 0.00	26.45 -0.35 0.00	25.89 -0.31 0.00	25.32 -0.52 0.00	27.89 -0.60 0.00	29.21 -0.69 0.00	32.53 -0.76 0.00	35.19 -0.83 0.00	36.84 -0.83 0.00	39.19 -0.92 0.00	43.39 -1.25 0.00	50.77 -1.73 0.00	46.55 -1.64 0.00	42.19 -0.91 0.00	39.90 -0.86 0.00	35.48 -0.83 0.00	31.88 -0.78 0.00	28.14 -0.63 0.00

ST_LAW_115_BK8_LBMP 345038	26.39 -0.51 0.00	25.18 -0.33 0.00	23.55 -0.29 0.00	22.30 -0.27 0.00	22.34 -0.29 0.00	23.77 -0.26 0.00	26.17 -0.32 0.00	26.45 -0.35 0.00	25.89 -0.31 0.00	25.32 -0.52 0.00	27.89 -0.60 0.00	29.21 -0.69 0.00	32.53 -0.76 0.00	35.19 -0.83 0.00	36.84 -0.83 0.00	39.19 -0.92 0.00	43.39 -1.25 0.00	50.77 -1.73 0.00	46.55 -1.64 0.00	42.19 -0.91 0.00	39.90 -0.86 0.00	35.48 -0.83 0.00	31.88 -0.78 0.00	28.14 -0.63 0.00
ST_LAW_230_BK5_LBMP 345035	26.45 -0.46 0.00	25.23 -0.28 0.00	23.58 -0.26 0.00	22.33 -0.25 0.00	22.37 -0.27 0.00	23.79 -0.24 0.00	26.19 -0.29 0.00	26.48 -0.32 0.00	25.92 -0.29 0.00	25.34 -0.49 0.00	27.94 -0.54 0.00	29.27 -0.63 0.00	32.59 -0.70 0.00	35.26 -0.76 0.00	36.91 -0.75 0.00	39.26 -0.84 0.00	43.52 -1.11 0.00	50.93 -1.57 0.00	46.75 -1.44 0.00	42.27 -0.82 0.00	39.94 -0.81 0.00	35.55 -0.76 0.00	31.94 -0.72 0.00	28.16 -0.61 0.00
ST_LAW_230_BK6_LBMP 345036	26.45 -0.46 0.00	25.23 -0.28 0.00	23.58 -0.26 0.00	22.33 -0.25 0.00	22.37 -0.27 0.00	23.79 -0.24 0.00	26.19 -0.29 0.00	26.48 -0.32 0.00	25.92 -0.29 0.00	25.34 -0.49 0.00	27.94 -0.54 0.00	29.27 -0.63 0.00	32.59 -0.70 0.00	35.26 -0.76 0.00	36.91 -0.75 0.00	39.26 -0.84 0.00	43.52 -1.11 0.00	50.93 -1.57 0.00	46.75 -1.44 0.00	42.27 -0.82 0.00	39.94 -0.81 0.00	35.55 -0.76 0.00	31.94 -0.72 0.00	28.16 -0.61 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.98 1.08 0.00	26.40 0.89 0.00	24.67 0.83 0.00	23.32 0.74 0.00	23.36 0.72 0.00	24.78 0.74 0.00	27.44 0.95 0.00	27.87 1.07 0.00	27.44 1.23 0.00	27.28 1.45 0.00	30.22 1.74 0.00	31.63 1.73 0.00	35.29 2.00 0.00	38.11 2.09 0.00	39.85 2.18 0.00	42.43 2.33 0.00	47.58 2.95 0.00	55.81 3.31 0.00	50.94 2.75 0.00	45.55 2.46 0.00	42.76 2.00 0.00	38.06 1.74 0.00	34.26 1.60 0.00	30.24 1.47 0.00
SWANROAD_115KV_TB1 355699	26.53 -0.38 0.00	24.84 -0.66 0.00	23.08 -0.76 0.00	21.85 -0.72 0.00	21.94 -0.70 0.00	23.33 -0.70 0.00	25.37 -1.11 0.00	26.07 -0.72 0.00	25.26 -0.94 0.00	25.24 -0.59 0.00	28.03 -0.46 0.00	29.96 0.06 0.00	33.16 -0.13 0.00	35.62 -0.40 0.00	36.76 -0.90 0.00	39.50 -0.60 0.00	44.05 -0.58 0.00	52.19 -0.32 0.00	48.77 0.58 0.00	42.19 -0.90 0.00	39.74 -1.02 0.00	35.52 -0.80 0.00	32.40 -0.26 0.00	28.08 -0.69 0.00
SYNERGY___BIOGAS 323694	27.55 0.64 0.00	25.76 0.26 0.00	23.96 0.12 0.00	22.66 0.09 0.00	22.75 0.11 0.00	24.27 0.24 0.00	26.64 0.16 0.00	27.25 0.46 0.00	26.36 0.16 0.00	26.30 0.47 0.00	29.11 0.63 0.00	31.16 1.26 0.00	34.53 1.23 0.00	37.21 1.19 0.00	38.68 1.02 0.00	41.51 1.40 0.00	46.42 1.79 0.00	55.23 2.73 0.00	51.37 3.18 0.00	44.56 1.47 0.00	42.06 1.30 0.00	37.44 1.13 0.00	34.26 1.60 0.00	29.40 0.63 0.00
SYRACUSE___ENERGY_ST1 323597	27.04 0.13 0.00	25.56 0.05 0.00	23.84 0.00 0.00	22.57 0.00 0.00	22.66 0.02 0.00	24.08 0.05 0.00	26.56 0.08 0.00	26.82 0.03 0.00	26.10 -0.10 0.00	25.86 0.03 0.00	28.51 0.03 0.00	30.08 0.18 0.00	33.49 0.20 0.00	36.31 0.29 0.00	37.89 0.23 0.00	40.47 0.36 0.00	45.08 0.45 0.00	53.24 0.74 0.00	49.01 0.82 0.00	43.52 0.43 0.00	41.17 0.41 0.00	36.61 0.29 0.00	32.95 0.29 0.00	28.91 0.14 0.00
SYRACUSE___ENERGY_ST2 323598	27.04 0.13 0.00	25.56 0.05 0.00	23.84 0.00 0.00	22.57 0.00 0.00	22.66 0.02 0.00	24.08 0.05 0.00	26.56 0.08 0.00	26.82 0.03 0.00	26.10 -0.10 0.00	25.86 0.03 0.00	28.51 0.03 0.00	30.08 0.18 0.00	33.49 0.20 0.00	36.31 0.29 0.00	37.89 0.23 0.00	40.47 0.36 0.00	45.08 0.45 0.00	53.24 0.74 0.00	49.01 0.82 0.00	43.52 0.43 0.00	41.17 0.41 0.00	36.61 0.29 0.00	32.95 0.29 0.00	28.91 0.14 0.00
SYRACUSE___POWER 24017	26.91 0.00 0.00	25.43 -0.08 0.00	23.72 -0.12 0.00	22.46 -0.11 0.00	22.52 -0.11 0.00	23.94 -0.10 0.00	26.40 -0.08 0.00	26.69 -0.11 0.00	25.97 -0.24 0.00	25.76 -0.08 0.00	28.40 -0.09 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.70 0.04 0.00	40.27 0.16 0.00	44.86 0.22 0.00	52.93 0.42 0.00	48.72 0.53 0.00	43.27 0.17 0.00	40.88 0.12 0.00	36.39 0.07 0.00	32.76 0.10 0.00	28.74 -0.03 0.00
TALLMAN___138KV_BK151 55660	28.12 1.21 0.00	26.50 0.99 0.00	24.77 0.93 0.00	23.41 0.84 0.00	23.45 0.81 0.00	24.90 0.87 0.00	27.57 1.09 0.00	28.03 1.23 0.00	27.62 1.42 0.00	27.54 1.71 0.00	30.54 2.05 0.00	31.96 2.06 0.00	35.63 2.33 0.00	38.43 2.41 0.00	40.19 2.52 0.00	42.75 2.65 0.00	48.03 3.39 0.00	56.29 3.78 0.00	51.23 3.04 0.00	45.77 2.67 0.00	42.96 2.20 0.00	38.28 1.96 0.00	34.46 1.80 0.00	30.41 1.64 0.00
TEALLAVE_115KV_TB7 355573	26.88 -0.03 0.00	25.41 -0.10 0.00	23.70 -0.14 0.00	22.44 -0.14 0.00	22.52 -0.11 0.00	23.91 -0.12 0.00	26.38 -0.11 0.00	26.66 -0.13 0.00	25.97 -0.24 0.00	25.73 -0.10 0.00	28.40 -0.09 0.00	29.93 0.03 0.00	33.33 0.03 0.00	36.09 0.07 0.00	37.66 0.00 0.00	40.23 0.12 0.00	44.81 0.18 0.00	52.87 0.37 0.00	48.68 0.48 0.00	43.22 0.13 0.00	40.84 0.08 0.00	36.35 0.04 0.00	32.72 0.07 0.00	28.74 -0.03 0.00
TELGRAPH_34_KV_EAST 80808	27.15 0.24 0.00	25.41 -0.10 0.00	23.60 -0.24 0.00	22.35 -0.23 0.00	22.43 -0.20 0.00	23.91 -0.12 0.00	26.01 -0.48 0.00	26.80 0.00 0.00	25.94 -0.26 0.00	25.91 0.08 0.00	28.74 0.26 0.00	30.74 0.84 0.00	34.06 0.77 0.00	36.67 0.65 0.00	37.93 0.26 0.00	40.79 0.68 0.00	45.53 0.89 0.00	54.08 1.58 0.00	50.41 2.22 0.00	43.65 0.56 0.00	41.13 0.37 0.00	36.64 0.33 0.00	33.35 0.69 0.00	28.88 0.12 0.00
TEMPLE___115KV_TB 2 55572	26.91 0.00 0.00	25.41 -0.10 0.00	23.72 -0.12 0.00	22.46 -0.11 0.00	22.52 -0.11 0.00	23.94 -0.10 0.00	26.38 -0.11 0.00	26.69 -0.11 0.00	25.97 -0.24 0.00	25.76 -0.08 0.00	28.40 -0.09 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.70 0.04 0.00	40.27 0.16 0.00	44.86 0.22 0.00	52.93 0.42 0.00	48.72 0.53 0.00	43.27 0.17 0.00	40.88 0.12 0.00	36.39 0.07 0.00	32.76 0.10 0.00	28.74 -0.03 0.00
TIANA____69_KV_BK 1 55817	31.76 2.29 -2.57	27.47 1.96 0.00	25.75 1.91 0.00	24.27 1.69 0.00	24.18 1.54 0.00	25.83 1.80 0.00	28.31 1.83 0.00	29.10 2.30 0.00	28.57 2.36 0.00	28.47 2.64 0.00	34.47 3.30 -2.68	36.90 3.47 -3.54	38.71 3.96 -1.46	40.16 4.14 0.00	42.09 4.29 -0.14	45.16 4.89 -0.16	50.96 5.98 -0.35	67.32 7.19 -7.62	54.03 5.83 0.00	48.35 5.26 0.00	45.00 4.24 0.00	40.10 3.78 0.00	35.93 3.27 0.00	33.85 2.99 -2.09
TILDEN___115KV_TB1 80814	26.91 0.00 0.00	25.43 -0.08 0.00	23.72 -0.12 0.00	22.46 -0.11 0.00	22.52 -0.11 0.00	23.94 -0.10 0.00	26.40 -0.08 0.00	26.69 -0.11 0.00	25.97 -0.24 0.00	25.76 -0.08 0.00	28.40 -0.09 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.70 0.04 0.00	40.27 0.16 0.00	44.86 0.22 0.00	52.93 0.42 0.00	48.72 0.53 0.00	43.27 0.17 0.00	40.88 0.12 0.00	36.39 0.07 0.00	32.76 0.10 0.00	28.74 -0.03 0.00

TRIGEN___CC 323695	31.25 1.78 -2.57	27.01 1.50 0.00	25.27 1.43 0.00	23.84 1.26 0.00	23.84 1.20 0.00	25.38 1.35 0.00	27.99 1.51 0.00	28.62 1.82 0.00	28.17 1.97 0.00	28.08 2.25 0.00	33.90 2.73 -2.68	36.25 2.81 -3.54	37.91 3.16 -1.46	39.30 3.28 0.00	41.70 3.39 -0.65	44.47 3.57 -0.79	49.43 4.46 -0.33	65.21 5.09 -7.61	52.24 4.05 0.00	46.71 3.62 0.00	43.74 2.98 0.00	39.11 2.80 0.00	35.17 2.51 0.00	33.18 2.33 -2.09
TRINITY___115KV___4 BK 55933	27.31 0.40 0.00	25.84 0.33 0.00	24.15 0.31 0.00	22.94 0.36 0.00	23.00 0.36 0.00	24.34 0.31 0.00	26.83 0.34 0.00	27.17 0.38 0.00	26.65 0.45 0.00	26.35 0.52 0.00	28.94 0.46 0.00	30.38 0.48 0.00	33.86 0.57 0.00	36.63 0.61 0.00	38.34 0.68 0.00	40.75 0.64 0.00	45.48 0.85 0.00	53.56 1.05 0.00	49.11 0.92 0.00	44.00 0.90 0.00	41.57 0.82 0.00	37.04 0.73 0.00	33.25 0.59 0.00	29.37 0.60 0.00
UNION___PROCESSING_DRP 323587	27.04 0.13 0.00	25.41 -0.10 0.00	23.65 -0.19 0.00	22.37 -0.20 0.00	22.46 -0.18 0.00	23.91 -0.12 0.00	26.16 -0.32 0.00	26.80 0.00 0.00	26.00 -0.21 0.00	25.89 0.05 0.00	28.63 0.14 0.00	30.47 0.57 0.00	33.79 0.50 0.00	36.49 0.47 0.00	38.00 0.34 0.00	40.87 0.76 0.00	45.66 1.03 0.00	54.19 1.68 0.00	50.22 2.02 0.00	43.83 0.73 0.00	41.21 0.45 0.00	36.64 0.33 0.00	33.18 0.52 0.00	28.85 0.09 0.00
UPPER HUDSON___HYD 24058	28.98 2.07 0.00	27.40 1.89 0.00	25.41 1.57 0.00	24.04 1.47 0.00	24.13 1.49 0.00	25.67 1.63 0.00	28.44 1.96 0.00	28.73 1.93 0.00	28.09 1.89 0.00	27.80 1.96 0.00	30.31 1.82 0.00	31.82 1.92 0.00	35.49 2.20 0.00	38.18 2.16 0.00	40.04 2.37 0.00	42.59 2.49 0.00	47.58 2.95 0.00	56.49 3.99 0.00	52.68 4.48 0.00	46.97 3.88 0.00	44.96 4.20 0.00	39.91 3.60 0.00	35.60 2.94 0.00	31.33 2.56 0.00
UPPER RAQUET___HYD 24056	25.83 -1.08 0.00	24.64 -0.87 0.00	23.05 -0.79 0.00	21.83 -0.74 0.00	21.87 -0.77 0.00	23.31 -0.72 0.00	25.66 -0.82 0.00	25.91 -0.88 0.00	25.32 -0.89 0.00	24.75 -1.08 0.00	27.23 -1.25 0.00	28.52 -1.37 0.00	31.76 -1.53 0.00	34.44 -1.58 0.00	36.08 -1.58 0.00	38.38 -1.72 0.00	42.58 -2.05 0.00	49.30 -3.20 0.00	45.30 -2.89 0.00	41.58 -1.51 0.00	39.29 -1.47 0.00	34.94 -1.38 0.00	31.39 -1.27 0.00	27.79 -0.98 0.00
VALLEY44_115KV_TB2 355964	27.17 0.27 0.00	25.43 -0.08 0.00	23.60 -0.24 0.00	22.39 -0.18 0.00	22.48 -0.16 0.00	23.94 -0.10 0.00	26.19 -0.29 0.00	26.90 0.11 0.00	26.02 -0.18 0.00	26.07 0.23 0.00	29.03 0.54 0.00	30.98 1.08 0.00	34.39 1.10 0.00	37.17 1.15 0.00	38.20 0.53 -0.01	40.84 0.72 -0.01	45.31 0.67 -0.01	53.61 1.10 -0.01	49.65 1.45 -0.01	43.66 0.56 -0.01	41.29 0.53 0.00	36.75 0.44 0.00	33.35 0.69 0.00	28.91 0.14 0.00
VALLEY___115KV_TB 1-4 80826	26.96 0.05 0.00	25.51 0.00 0.00	23.84 0.00 0.00	22.55 -0.02 0.00	22.61 -0.02 0.00	24.03 0.00 0.00	26.46 -0.03 0.00	26.77 -0.03 0.00	26.15 -0.05 0.00	25.89 0.05 0.00	28.51 0.03 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.81 0.15 0.00	40.27 0.16 0.00	44.86 0.22 0.00	52.82 0.32 0.00	48.53 0.34 0.00	43.35 0.26 0.00	40.96 0.20 0.00	36.61 0.29 0.00	32.89 0.23 0.00	28.97 0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.22 1.32 0.00	26.60 1.10 0.00	24.86 1.03 0.00	23.50 0.93 0.00	23.57 0.93 0.00	25.06 1.03 0.00	27.62 1.14 0.00	28.03 1.23 0.00	27.31 1.10 0.00	27.10 1.27 0.00	29.85 1.37 0.00	31.39 1.49 0.00	34.96 1.66 0.00	37.89 1.87 0.00	39.66 2.00 0.00	42.31 2.21 0.00	47.22 2.59 0.00	55.71 3.20 0.00	51.28 3.08 0.00	45.68 2.59 0.00	43.08 2.32 0.00	38.42 2.11 0.00	34.46 1.80 0.00	30.32 1.55 0.00
VISCHER___FERRY HYD 24020	27.93 1.02 0.00	26.42 0.92 0.00	24.67 0.83 0.00	23.36 0.79 0.00	23.43 0.79 0.00	24.85 0.82 0.00	27.43 0.95 0.00	27.76 0.96 0.00	27.18 0.97 0.00	26.87 1.03 0.00	29.48 1.00 0.00	30.95 1.05 0.00	34.46 1.16 0.00	37.25 1.23 0.00	38.98 1.32 0.00	41.43 1.32 0.00	46.29 1.65 0.00	54.50 1.99 0.00	50.17 1.98 0.00	44.82 1.73 0.00	42.51 1.75 0.00	37.88 1.56 0.00	33.97 1.31 0.00	30.03 1.26 0.00
V_A_10_SYNC_DSASP 323832	26.66 -0.24 0.00	25.00 -0.51 0.00	23.27 -0.57 0.00	22.03 -0.54 0.00	22.12 -0.52 0.00	23.53 -0.51 0.00	25.85 -0.64 0.00	26.31 -0.48 0.00	25.53 -0.68 0.00	25.45 -0.39 0.00	28.20 -0.28 0.00	30.05 0.15 0.00	33.30 0.00 0.00	35.84 -0.18 0.00	37.25 -0.41 0.00	39.99 -0.12 0.00	44.63 0.00 0.00	52.92 0.42 0.00	49.21 1.01 0.00	42.62 -0.47 0.00	40.11 -0.65 0.00	35.84 -0.47 0.00	32.82 0.16 0.00	28.25 -0.52 0.00
V_CMM_10_SYNC_DSASP 323787	26.50 -0.40 0.00	25.30 -0.20 0.00	23.65 -0.19 0.00	22.39 -0.18 0.00	22.43 -0.20 0.00	23.89 -0.14 0.00	26.27 -0.21 0.00	26.55 -0.24 0.00	26.00 -0.21 0.00	25.42 -0.41 0.00	28.03 -0.46 0.00	29.33 -0.57 0.00	32.66 -0.63 0.00	35.37 -0.65 0.00	37.02 -0.64 0.00	39.34 -0.76 0.00	43.56 -1.07 0.00	50.98 -1.52 0.00	46.79 -1.40 0.00	42.36 -0.73 0.00	40.07 -0.69 0.00	35.66 -0.65 0.00	32.01 -0.65 0.00	28.25 -0.52 0.00
V_CMP_10_SYNC_DSASP 323788	27.50 0.59 0.00	26.22 0.71 0.00	24.46 0.62 0.00	23.21 0.63 0.00	23.20 0.57 0.00	24.78 0.75 0.00	27.28 0.79 0.00	27.68 0.88 0.00	27.12 0.92 0.00	26.69 0.85 0.00	29.42 0.94 0.00	30.89 0.99 0.00	34.36 1.07 0.00	37.28 1.26 0.00	38.98 1.32 0.00	41.43 1.32 0.00	46.02 1.39 0.00	54.18 1.68 0.00	49.78 1.59 0.00	44.77 1.68 0.00	42.15 1.39 0.00	37.33 1.02 0.00	33.48 0.82 0.00	29.43 0.66 0.00
V_D_10_SYNC_DSASP 323841	26.58 -0.32 0.00	25.38 -0.13 0.00	23.72 -0.12 0.00	22.46 -0.11 0.00	22.50 -0.14 0.00	23.96 -0.07 0.00	26.35 -0.13 0.00	26.64 -0.16 0.00	26.05 -0.16 0.00	25.47 -0.36 0.00	28.06 -0.43 0.00	29.39 -0.51 0.00	32.73 -0.57 0.00	35.44 -0.58 0.00	37.10 -0.56 0.00	39.46 -0.64 0.00	43.74 -0.89 0.00	50.77 -1.73 0.00	46.60 -1.59 0.00	42.58 -0.52 0.00	40.23 -0.53 0.00	35.77 -0.54 0.00	32.14 -0.52 0.00	28.37 -0.40 0.00
V_E_10_SYNC_DSASP 323830	29.41 2.50 0.00	27.65 2.14 0.00	25.70 1.86 0.00	24.29 1.71 0.00	24.38 1.74 0.00	26.05 2.02 0.00	28.79 2.30 0.00	29.15 2.36 0.00	27.99 1.78 0.00	27.67 1.83 0.00	30.31 1.82 0.00	32.05 2.15 0.00	35.69 2.40 0.00	38.83 2.81 0.00	40.68 3.01 0.00	43.76 3.65 0.00	48.92 4.29 0.00	58.28 5.78 0.00	54.22 6.02 0.00	48.09 5.00 0.00	45.53 4.77 0.00	40.42 4.10 0.00	36.16 3.50 0.00	31.62 2.85 0.00
V_F_30_NSYNC___DSASP 323816	28.68 1.78 0.00	27.12 1.61 0.00	25.22 1.38 0.00	23.86 1.29 0.00	23.95 1.31 0.00	25.45 1.42 0.00	28.15 1.67 0.00	28.43 1.63 0.00	27.81 1.60 0.00	27.49 1.65 0.00	30.14 1.65 0.00	31.63 1.73 0.00	35.26 1.96 0.00	38.11 2.09 0.00	39.92 2.26 0.00	42.47 2.37 0.00	47.40 2.77 0.00	56.08 3.57 0.00	51.96 3.76 0.00	46.33 3.23 0.00	44.10 3.34 0.00	39.22 2.91 0.00	35.08 2.42 0.00	30.93 2.16 0.00

V_F_30_SYNC_DSASP 323786	27.44 0.54 0.00	25.97 0.46 0.00	24.24 0.41 0.00	23.03 0.45 0.00	23.09 0.45 0.00	24.44 0.41 0.00	26.93 0.45 0.00	27.28 0.48 0.00	26.76 0.55 0.00	26.48 0.65 0.00	29.08 0.60 0.00	30.53 0.63 0.00	34.03 0.73 0.00	36.81 0.79 0.00	38.57 0.90 0.00	40.99 0.88 0.00	45.75 1.12 0.00	53.87 1.37 0.00	49.45 1.25 0.00	44.26 1.16 0.00	41.82 1.06 0.00	37.26 0.94 0.00	33.44 0.78 0.00	29.52 0.75 0.00
V_XM_10_SYNC_DSASP 323789	27.50 0.59 0.00	26.22 0.71 0.00	24.46 0.62 0.00	23.21 0.63 0.00	23.20 0.57 0.00	24.78 0.75 0.00	27.28 0.79 0.00	27.68 0.88 0.00	27.12 0.92 0.00	26.69 0.85 0.00	29.42 0.94 0.00	30.89 0.99 0.00	34.36 1.07 0.00	37.28 1.26 0.00	38.98 1.32 0.00	41.43 1.32 0.00	46.02 1.39 0.00	54.18 1.68 0.00	49.78 1.59 0.00	44.77 1.68 0.00	42.15 1.39 0.00	37.33 1.02 0.00	33.48 0.82 0.00	29.43 0.66 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.20 1.29 0.00	26.58 1.07 0.00	24.84 1.00 0.00	23.48 0.90 0.00	23.52 0.88 0.00	24.97 0.94 0.00	27.65 1.17 0.00	28.11 1.31 0.00	27.70 1.49 0.00	27.62 1.78 0.00	30.59 2.11 0.00	32.02 2.12 0.00	35.73 2.43 0.00	38.54 2.52 0.00	40.30 2.64 0.00	42.87 2.77 0.00	48.16 3.53 0.00	56.44 3.94 0.00	51.42 3.23 0.00	45.94 2.84 0.00	43.08 2.32 0.00	38.39 2.07 0.00	34.55 1.89 0.00	30.52 1.75 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.39 1.48 0.00	26.76 1.25 0.00	25.01 1.17 0.00	23.61 1.04 0.00	23.68 1.04 0.00	25.14 1.11 0.00	27.89 1.40 0.00	28.40 1.61 0.00	28.07 1.86 0.00	28.01 2.17 0.00	31.08 2.59 0.00	32.53 2.63 0.00	36.23 2.93 0.00	39.15 3.13 0.00	40.90 3.24 0.00	43.52 3.41 0.00	48.97 4.33 0.00	57.28 4.78 0.00	52.00 3.81 0.00	46.45 3.36 0.00	43.61 2.85 0.00	38.79 2.47 0.00	34.95 2.29 0.00	30.81 2.04 0.00
W50THST__13_KV_LOAD 356117	28.52 1.61 0.00	26.86 1.35 0.00	25.10 1.26 0.00	23.70 1.13 0.00	23.77 1.13 0.00	25.26 1.23 0.00	28.05 1.56 0.00	28.56 1.77 0.00	28.25 2.04 0.00	28.19 2.35 0.00	31.31 2.82 0.00	32.74 2.84 0.00	36.49 3.20 0.00	39.41 3.39 0.00	41.17 3.50 0.00	43.84 3.73 0.00	49.32 4.69 0.00	57.70 5.20 0.00	52.34 4.14 0.00	46.71 3.62 0.00	43.86 3.10 0.00	39.00 2.69 0.00	35.14 2.48 0.00	30.95 2.19 0.00
WADING RIVER_IC_1 23522	31.31 1.83 -2.57	27.06 1.56 0.00	25.34 1.50 0.00	23.91 1.33 0.00	23.81 1.18 0.00	25.45 1.42 0.00	27.89 1.40 0.00	28.67 1.88 0.00	28.12 1.91 0.00	28.01 2.17 0.00	33.84 2.68 -2.68	36.19 2.75 -3.54	37.92 3.16 -1.46	39.26 3.24 0.00	41.15 3.35 -0.13	44.04 3.77 -0.16	49.67 4.69 -0.35	65.90 5.78 -7.62	52.68 4.48 0.00	46.63 3.53 0.00	44.06 3.30 0.00	39.23 2.91 0.00	34.85 2.19 0.00	33.30 2.44 -2.09
WADING RIVER_IC_2 23547	31.31 1.83 -2.57	27.06 1.56 0.00	25.34 1.50 0.00	23.91 1.33 0.00	23.81 1.18 0.00	25.45 1.42 0.00	27.89 1.40 0.00	28.67 1.88 0.00	28.12 1.91 0.00	28.01 2.17 0.00	33.84 2.68 -2.68	36.19 2.75 -3.54	37.92 3.16 -1.46	39.26 3.24 0.00	41.15 3.35 -0.13	44.04 3.77 -0.16	49.67 4.69 -0.35	65.90 5.78 -7.62	52.68 4.48 0.00	46.63 3.53 0.00	44.06 3.30 0.00	39.23 2.91 0.00	34.85 2.19 0.00	33.30 2.44 -2.09
WADING RIVER_IC_3 23601	31.31 1.83 -2.57	27.06 1.56 0.00	25.34 1.50 0.00	23.91 1.33 0.00	23.81 1.18 0.00	25.45 1.42 0.00	27.89 1.40 0.00	28.67 1.88 0.00	28.12 1.91 0.00	28.01 2.17 0.00	33.84 2.68 -2.68	36.19 2.75 -3.54	37.92 3.16 -1.46	39.26 3.24 0.00	41.15 3.35 -0.13	44.04 3.77 -0.16	49.67 4.69 -0.35	65.90 5.78 -7.62	52.68 4.48 0.00	46.63 3.53 0.00	44.06 3.30 0.00	39.23 2.91 0.00	34.85 2.19 0.00	33.30 2.44 -2.09
WALDENNY_12_KV_BK2 80841	27.28 0.38 0.00	25.53 0.03 0.00	23.70 -0.14 0.00	22.46 -0.11 0.00	22.55 -0.09 0.00	24.01 -0.02 0.00	26.14 -0.34 0.00	26.90 0.11 0.00	26.08 -0.13 0.00	26.09 0.26 0.00	29.00 0.51 0.00	31.04 1.14 0.00	34.43 1.13 0.00	37.14 1.12 0.00	38.31 0.64 -0.01	41.08 0.96 -0.01	45.76 1.12 -0.01	54.14 1.63 -0.01	50.42 2.22 -0.01	43.75 0.65 -0.01	41.21 0.45 0.00	36.75 0.44 0.00	33.44 0.78 0.00	28.97 0.20 0.00
WALDEN__HYDRO 24148	28.12 1.21 0.00	26.50 0.99 0.00	24.77 0.93 0.00	23.41 0.84 0.00	23.47 0.84 0.00	24.87 0.84 0.00	27.54 1.06 0.00	27.95 1.15 0.00	27.52 1.31 0.00	27.39 1.55 0.00	30.28 1.79 0.00	31.69 1.79 0.00	35.39 2.10 0.00	38.22 2.20 0.00	40.00 2.34 0.00	42.59 2.49 0.00	47.80 3.17 0.00	56.08 3.57 0.00	51.18 2.99 0.00	45.81 2.71 0.00	43.00 2.24 0.00	38.24 1.92 0.00	34.42 1.76 0.00	30.38 1.61 0.00
WARRENSBURG____ 23737	28.98 2.07 0.00	27.40 1.89 0.00	25.41 1.57 0.00	24.04 1.47 0.00	24.13 1.49 0.00	25.67 1.63 0.00	28.44 1.96 0.00	28.73 1.93 0.00	28.09 1.89 0.00	27.80 1.96 0.00	30.31 1.82 0.00	31.82 1.92 0.00	35.49 2.20 0.00	38.18 2.16 0.00	40.04 2.37 0.00	42.59 2.49 0.00	47.58 2.95 0.00	56.49 3.99 0.00	52.68 4.48 0.00	46.97 3.88 0.00	44.96 4.20 0.00	39.91 3.60 0.00	35.60 2.94 0.00	31.33 2.56 0.00
WATERSIDE____6 8 9 23538	28.55 1.64 -0.01	26.92 1.40 -0.01	25.13 1.29 -0.01	23.73 1.15 -0.01	23.79 1.15 0.00	25.21 1.18 0.00	27.97 1.48 0.00	28.46 1.66 0.00	28.12 1.91 0.00	28.08 2.25 0.00	31.20 2.71 -0.01	32.62 2.72 0.00	36.36 3.06 0.00	39.23 3.21 0.00	40.94 3.28 0.00	43.56 3.45 0.00	49.01 4.37 0.00	57.39 4.88 0.00	51.95 3.76 0.00	46.50 3.40 0.00	43.65 2.89 0.00	38.82 2.51 0.00	35.12 2.45 -0.01	30.96 2.19 -0.01
WATKINRD_115KV_LN8_ILLION 55919	26.99 0.08 0.00	25.53 0.03 0.00	23.84 0.00 0.00	22.57 0.00 0.00	22.64 0.00 0.00	24.03 0.00 0.00	26.48 0.00 0.00	26.80 0.00 0.00	26.18 -0.03 0.00	25.89 0.05 0.00	28.51 0.03 0.00	29.96 0.06 0.00	33.36 0.07 0.00	36.13 0.11 0.00	37.78 0.11 0.00	40.23 0.12 0.00	44.86 0.22 0.00	52.82 0.32 0.00	48.53 0.34 0.00	43.35 0.26 0.00	40.96 0.20 0.00	36.57 0.25 0.00	32.82 0.16 0.00	28.94 0.17 0.00
WATSON__69_KV_BK 1 55734	31.95 2.48 -2.57	27.65 2.14 0.00	25.89 2.05 0.00	24.43 1.85 0.00	24.36 1.72 0.00	26.00 1.97 0.00	28.55 2.07 0.00	29.29 2.49 0.00	28.78 2.57 0.00	28.65 2.82 0.00	34.53 3.36 -2.68	36.93 3.50 -3.54	38.68 3.93 -1.46	40.05 4.03 0.00	41.99 4.14 -0.18	45.02 4.69 -0.22	50.65 5.67 -0.34	66.84 6.72 -7.62	53.64 5.45 0.00	48.05 4.96 0.00	44.84 4.08 0.00	40.07 3.74 -0.02	35.99 3.33 0.00	33.93 3.08 -2.09
WDELAWARE__HYD 323627	28.28 1.37 0.00	26.63 1.12 0.00	24.89 1.05 0.00	23.52 0.95 0.00	23.57 0.93 0.00	24.97 0.94 0.00	27.59 1.11 0.00	28.03 1.23 0.00	27.57 1.36 0.00	27.39 1.55 0.00	30.28 1.80 0.00	31.72 1.82 0.00	35.46 2.16 0.00	38.29 2.27 0.00	40.11 2.45 0.00	42.79 2.69 0.00	47.99 3.35 0.00	56.44 3.94 0.00	51.62 3.42 0.00	46.03 2.93 0.00	43.33 2.57 0.00	38.50 2.18 0.00	34.59 1.93 0.00	30.55 1.78 0.00

WEST BABYLON___IC 23714	31.84 2.37 -2.57	27.55 2.04 0.00	25.79 1.95 0.00	24.31 1.74 0.00	24.27 1.63 0.00	25.88 1.85 0.00	28.47 1.99 0.00	29.18 2.38 0.00	28.67 2.46 0.00	28.55 2.71 0.00	34.44 3.28 -2.68	36.84 3.41 -3.54	38.58 3.83 -1.46	39.87 3.85 0.00	41.93 3.99 -0.27	44.85 4.41 -0.33	50.33 5.36 -0.33	66.42 6.30 -7.61	53.30 5.11 0.00	47.70 4.61 0.00	44.59 3.83 0.00	39.88 3.56 -0.01	35.86 3.20 0.00	33.82 2.96 -2.09
WEST CANADA___HYD 24049	27.04 0.14 0.00	25.61 0.10 0.00	23.93 0.10 0.00	22.66 0.09 0.00	22.73 0.09 0.00	24.13 0.10 0.00	26.59 0.11 0.00	26.90 0.11 0.00	26.31 0.11 0.00	25.99 0.16 0.00	28.63 0.14 0.00	30.08 0.18 0.00	33.50 0.20 0.00	36.24 0.22 0.00	37.89 0.23 0.00	40.35 0.24 0.00	44.95 0.31 0.00	52.92 0.42 0.00	48.58 0.38 0.00	43.35 0.26 0.00	41.01 0.25 0.00	36.57 0.26 0.00	32.89 0.23 0.00	28.97 0.20 0.00
WESTERN_NY_WIND 24143	27.52 0.62 0.00	25.74 0.23 0.00	23.93 0.10 0.00	22.62 0.05 0.00	22.73 0.09 0.00	24.25 0.22 0.00	26.38 -0.11 0.00	27.23 0.43 0.00	26.31 0.10 0.00	26.28 0.44 0.00	29.08 0.60 0.00	31.10 1.20 0.00	34.49 1.20 0.00	37.17 1.15 0.00	38.53 0.87 0.00	41.43 1.32 0.00	46.33 1.70 0.00	55.13 2.63 0.00	51.37 3.18 0.00	44.56 1.47 0.00	41.98 1.22 0.00	37.33 1.02 0.00	33.90 1.24 0.00	29.34 0.58 0.00
WESTOVER___LESR 323668	27.42 0.51 0.00	25.86 0.36 0.00	24.13 0.29 0.00	22.82 0.25 0.00	22.91 0.27 0.00	24.34 0.31 0.00	26.83 0.34 0.00	27.23 0.43 0.00	26.50 0.29 0.00	26.33 0.49 0.00	29.06 0.57 0.00	30.68 0.78 0.00	34.16 0.87 0.00	36.96 0.94 0.00	38.53 0.87 0.00	41.15 1.04 0.00	45.89 1.25 0.00	54.13 1.63 0.00	49.88 1.69 0.00	44.30 1.21 0.00	41.78 1.02 0.00	37.19 0.87 0.00	33.51 0.85 0.00	29.34 0.58 0.00
WETHRSFD_WT_PWR 323626	27.10 0.19 0.00	25.38 -0.13 0.00	23.58 -0.26 0.00	22.33 -0.25 0.00	22.43 -0.20 0.00	23.86 -0.17 0.00	26.24 -0.24 0.00	26.77 -0.03 0.00	25.89 -0.31 0.00	25.89 0.05 0.00	28.74 0.26 0.00	30.71 0.81 0.00	34.06 0.77 0.00	36.74 0.72 0.00	38.04 0.38 0.00	40.71 0.60 0.00	45.31 0.67 0.00	53.61 1.10 0.00	49.88 1.69 0.00	43.36 0.26 0.00	41.01 0.25 0.00	36.61 0.29 0.00	33.54 0.88 0.00	28.80 0.03 0.00
WHAVSTOR_138KV_BK127 55557	28.12 1.21 0.00	26.50 0.99 0.00	24.77 0.93 0.00	23.41 0.84 0.00	23.45 0.81 0.00	24.90 0.87 0.00	27.57 1.09 0.00	28.03 1.23 0.00	27.62 1.42 0.00	27.52 1.68 0.00	30.51 2.02 0.00	31.93 2.03 0.00	35.59 2.30 0.00	38.36 2.34 0.00	40.11 2.45 0.00	42.67 2.57 0.00	47.89 3.26 0.00	56.13 3.62 0.00	51.13 2.94 0.00	45.68 2.59 0.00	42.88 2.12 0.00	38.24 1.92 0.00	34.42 1.76 0.00	30.41 1.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.12 1.21 0.00	26.50 0.99 0.00	24.77 0.93 0.00	23.41 0.84 0.00	23.45 0.81 0.00	24.90 0.87 0.00	27.57 1.09 0.00	28.03 1.23 0.00	27.62 1.42 0.00	27.52 1.68 0.00	30.51 2.02 0.00	31.93 2.03 0.00	35.59 2.30 0.00	38.36 2.34 0.00	40.11 2.45 0.00	42.67 2.57 0.00	47.89 3.26 0.00	56.13 3.62 0.00	51.13 2.94 0.00	45.68 2.59 0.00	42.88 2.12 0.00	38.24 1.92 0.00	34.42 1.76 0.00	30.41 1.64 0.00
WHITEHAL_115KV_TB1 80871	29.52 2.61 0.00	27.88 2.37 0.00	25.82 1.98 0.00	24.40 1.83 0.00	24.49 1.86 0.00	26.10 2.07 0.00	29.00 2.52 0.00	29.23 2.44 0.00	28.54 2.33 0.00	28.24 2.40 0.00	30.79 2.31 0.00	32.35 2.45 0.00	36.09 2.80 0.00	38.90 2.88 0.00	40.79 3.13 0.00	43.44 3.33 0.00	48.56 3.93 0.00	57.76 5.25 0.00	53.93 5.74 0.00	48.22 5.13 0.00	46.02 5.26 0.00	40.86 4.54 0.00	36.35 3.69 0.00	31.93 3.16 0.00
WHITEPLN_13_KV_LOAD 356215	28.55 1.64 0.00	26.94 1.43 0.00	25.15 1.31 0.00	23.73 1.15 0.00	23.77 1.13 0.00	25.23 1.20 0.00	28.02 1.54 0.00	28.51 1.71 0.00	28.12 1.91 0.00	28.08 2.25 0.00	31.16 2.68 0.00	32.62 2.72 0.00	36.39 3.10 0.00	39.37 3.35 0.00	41.17 3.50 0.00	43.80 3.69 0.00	49.23 4.60 0.00	57.60 5.09 0.00	52.34 4.14 0.00	46.84 3.75 0.00	43.98 3.22 0.00	39.08 2.76 0.00	35.11 2.45 0.00	30.95 2.19 0.00
WM_FLOYD_69_KV_BK2 356380	31.55 2.07 -2.57	27.29 1.79 0.00	25.56 1.72 0.00	24.11 1.54 0.00	24.04 1.40 0.00	25.67 1.63 0.00	28.18 1.69 0.00	28.94 2.14 0.00	28.36 2.15 0.00	28.24 2.40 0.00	34.10 2.93 -2.68	36.43 2.99 -3.54	38.15 3.40 -1.46	39.51 3.49 0.00	41.42 3.62 -0.14	44.40 4.13 -0.17	50.03 5.04 -0.35	66.22 6.09 -7.62	53.06 4.87 0.00	47.58 4.48 0.00	44.35 3.59 0.00	39.55 3.23 0.00	35.53 2.87 0.00	33.53 2.68 -2.09
WOODARD___115KV_TB2 355635	26.85 -0.05 0.00	25.35 -0.15 0.00	23.67 -0.17 0.00	22.42 -0.16 0.00	22.50 -0.14 0.00	23.89 -0.14 0.00	26.35 -0.13 0.00	26.61 -0.19 0.00	25.92 -0.29 0.00	25.68 -0.16 0.00	28.31 -0.17 0.00	29.87 -0.03 0.00	33.26 -0.03 0.00	36.02 0.00 0.00	37.59 -0.08 0.00	40.15 0.04 0.00	44.72 0.09 0.00	52.77 0.26 0.00	48.53 0.34 0.00	43.14 0.04 0.00	40.76 0.00 0.00	36.28 -0.04 0.00	32.66 0.00 0.00	28.68 -0.09 0.00
YORK___WARBASSE 23770	28.74 1.83 -0.01	27.07 1.56 -0.01	25.25 1.41 -0.01	23.85 1.26 -0.01	23.88 1.25 0.00	25.26 1.23 0.00	28.02 1.54 0.00	28.54 1.74 0.00	28.17 1.97 0.00	28.16 2.33 0.00	31.34 2.85 -0.01	32.74 2.84 0.00	36.53 3.23 -0.01	39.38 3.35 -0.01	41.09 3.43 0.00	43.72 3.61 0.00	49.23 4.60 0.00	57.71 5.20 -0.01	52.19 4.00 0.00	46.71 3.62 0.00	43.86 3.10 0.00	39.04 2.72 0.00	35.35 2.68 -0.01	31.16 2.39 -0.01