

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/20/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	35.38	30.94	28.41	29.78	29.00	30.15	33.02	28.63	28.82	24.09	23.26	24.18	24.18	25.61	25.92	29.83	35.11	42.84	48.23	47.74	42.00	35.31	33.17	29.03
24138	1.65	1.39	1.12	1.31	1.12	1.13	1.33	1.34	1.45	1.34	1.42	1.53	1.55	1.61	1.64	1.81	2.19	2.42	2.43	2.23	2.04	1.65	1.46	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.10	-0.29	-0.14	-0.24	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	35.38	30.97	28.44	29.78	29.03	30.15	33.02	28.63	28.82	24.07	23.26	24.16	24.16	25.61	25.90	29.81	35.11	42.84	48.19	47.69	41.96	35.31	33.17	29.03
24260	1.65	1.42	1.15	1.31	1.14	1.13	1.33	1.34	1.45	1.32	1.42	1.51	1.53	1.61	1.62	1.78	2.19	2.42	2.38	2.18	2.00	1.65	1.46	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.10	-0.29	-0.14	-0.25	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	35.38	30.97	28.44	29.78	29.03	30.15	33.02	28.63	28.82	24.07	23.26	24.16	24.16	25.61	25.90	29.81	35.11	42.84	48.19	47.69	41.96	35.31	33.17	29.03
24261	1.65	1.42	1.15	1.31	1.14	1.13	1.33	1.34	1.45	1.32	1.42	1.51	1.53	1.61	1.62	1.78	2.19	2.42	2.38	2.18	2.00	1.65	1.46	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.10	-0.29	-0.14	-0.25	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.50	30.29	28.03	29.21	28.69	29.80	32.45	27.81	28.27	23.27	22.02	22.60	22.47	23.51	23.96	27.78	31.68	40.90	46.77	46.65	41.00	34.57	32.54	28.53
24011	0.78	0.74	0.74	0.74	0.81	0.78	0.76	0.52	0.90	0.52	0.17	0.09	0.00	-0.02	-0.10	0.14	-0.19	0.48	0.96	1.14	1.04	0.91	0.82	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.17	0.08	0.14	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.57	30.35	28.08	29.27	28.75	29.88	32.51	27.84	28.35	23.29	22.02	22.60	22.45	23.48	23.93	27.81	31.69	40.98	46.81	46.74	41.12	34.60	32.57	28.58
23798	0.84	0.80	0.79	0.80	0.87	0.87	0.82	0.55	0.98	0.55	0.17	0.09	-0.02	-0.05	-0.12	0.17	-0.19	0.57	1.01	1.23	1.16	0.94	0.86	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.17	0.08	0.14	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.50	30.29	28.03	29.21	28.69	29.80	32.45	27.81	28.27	23.27</														

ALBANY___2 23572	33.46 -0.27 0.00	29.40 -0.15 0.00	27.18 -0.11 0.00	28.36 -0.11 0.00	27.77 -0.11 0.00	28.87 -0.15 0.00	31.53 -0.16 0.00	27.21 -0.08 0.00	27.23 -0.14 0.00	22.59 -0.16 0.00	21.67 -0.17 0.00	22.36 -0.16 0.04	22.32 -0.16 0.05	23.37 -0.19 0.14	23.85 -0.22 0.07	27.47 -0.19 0.12	31.79 -0.16 0.31	40.05 -0.36 0.00	45.39 -0.41 0.00	45.10 -0.41 0.00	39.64 -0.32 0.00	33.56 -0.10 0.00	31.55 -0.16 0.00	27.67 -0.14 0.00
ALBANY___3 23573	33.46 -0.27 0.00	29.40 -0.15 0.00	27.18 -0.11 0.00	28.36 -0.11 0.00	27.77 -0.11 0.00	28.87 -0.15 0.00	31.53 -0.16 0.00	27.21 -0.08 0.00	27.23 -0.14 0.00	22.59 -0.16 0.00	21.67 -0.17 0.00	22.36 -0.16 0.04	22.32 -0.16 0.05	23.37 -0.19 0.14	23.85 -0.22 0.07	27.47 -0.19 0.12	31.79 -0.16 0.31	40.05 -0.36 0.00	45.39 -0.41 0.00	45.10 -0.41 0.00	39.64 -0.32 0.00	33.56 -0.10 0.00	31.55 -0.16 0.00	27.67 -0.14 0.00
ALBANY___4 23574	33.46 -0.27 0.00	29.40 -0.15 0.00	27.18 -0.11 0.00	28.36 -0.11 0.00	27.77 -0.11 0.00	28.87 -0.15 0.00	31.53 -0.16 0.00	27.21 -0.08 0.00	27.23 -0.14 0.00	22.59 -0.16 0.00	21.67 -0.17 0.00	22.36 -0.16 0.04	22.32 -0.16 0.05	23.37 -0.19 0.14	23.85 -0.22 0.07	27.47 -0.19 0.12	31.79 -0.16 0.31	40.05 -0.36 0.00	45.39 -0.41 0.00	45.10 -0.41 0.00	39.64 -0.32 0.00	33.56 -0.10 0.00	31.55 -0.16 0.00	27.67 -0.14 0.00
ALBANY___LFGE 323615	33.76 0.03 0.00	29.64 0.09 0.00	27.43 0.14 0.00	28.58 0.11 0.00	28.02 0.14 0.00	29.10 0.09 0.00	31.79 0.10 0.00	27.40 0.11 0.00	27.42 0.05 0.00	22.73 -0.02 0.00	21.78 -0.07 0.00	22.47 -0.05 0.05	22.41 -0.07 0.05	23.48 -0.07 0.15	23.97 -0.10 0.07	27.60 -0.06 0.13	31.99 0.06 0.34	40.42 0.00 0.00	45.71 -0.09 0.00	45.46 -0.05 0.00	40.00 0.04 0.00	33.83 0.17 0.00	31.81 0.10 0.00	27.92 0.11 0.00
ALCOA_PA_115KV_PL-6C 55860	34.23 0.51 0.00	42.22 0.44 -12.22	30.66 0.46 -2.90	28.95 0.48 0.00	28.39 0.50 0.00	29.57 0.55 0.00	43.87 0.63 -11.54	39.41 0.57 -11.54	27.97 0.60 0.00	28.03 0.45 -4.82	41.45 0.48 -19.12	32.76 0.45 -9.75	28.10 0.45 -5.12	31.25 0.45 -7.10	40.88 0.53 -16.22	39.91 0.58 -11.54	47.42 0.71 -14.45	41.26 0.85 0.00	65.69 1.05 -18.83	74.21 1.09 -27.61	65.14 0.92 -24.26	57.13 0.77 -22.70	32.28 0.57 0.00	35.48 0.56 -7.12
ALCOA_RYNLDS___DRP 24188	34.23 0.51 0.00	42.22 0.44 -12.22	30.66 0.46 -2.90	28.95 0.48 0.00	28.39 0.50 0.00	29.57 0.55 0.00	43.87 0.63 -11.54	39.41 0.57 -11.54	27.97 0.60 0.00	28.03 0.45 -4.82	41.45 0.48 -19.12	32.76 0.45 -9.75	28.10 0.45 -5.12	31.25 0.45 -7.10	40.88 0.53 -16.22	39.91 0.58 -11.54	47.42 0.71 -14.45	41.26 0.85 0.00	65.69 1.05 -18.83	74.21 1.09 -27.61	65.14 0.92 -24.26	57.13 0.77 -22.70	32.28 0.57 0.00	35.48 0.56 -7.12
ALCOA___DSASP 323711	34.23 0.51 0.00	42.22 0.44 -12.22	30.66 0.46 -2.90	28.95 0.48 0.00	28.39 0.50 0.00	29.56 0.55 0.00	43.87 0.63 -11.54	39.41 0.57 -11.54	27.97 0.60 0.00	28.03 0.45 -4.82	41.44 0.48 -19.12	32.76 0.45 -9.75	28.10 0.45 -5.12	31.25 0.45 -7.10	40.88 0.53 -16.22	39.85 0.53 -11.54	47.39 0.68 -14.45	41.27 0.85 0.00	65.70 1.05 -18.83	74.21 1.09 -27.61	65.14 0.92 -24.26	57.13 0.77 -22.70	32.28 0.57 0.00	35.48 0.56 -7.12
ALLEGHENY___COGEN 23514	35.11 1.38 0.00	30.47 0.92 0.00	27.84 0.55 0.00	28.92 0.45 0.00	28.39 0.50 0.00	29.88 0.87 0.00	32.42 0.73 0.00	27.39 0.30 0.20	28.20 0.98 0.15	23.24 0.68 0.19	21.96 0.44 0.32	22.77 0.32 0.10	22.84 0.34 0.03	23.68 0.40 0.43	24.02 0.38 0.51	28.45 0.67 0.00	32.68 0.42 0.00	41.83 1.41 0.00	48.60 2.79 0.00	48.01 2.50 0.00	41.76 1.80 0.00	34.80 1.31 0.17	33.20 1.49 0.00	28.89 1.08 0.00
ALTAMONT_115KV_TB 2 55880	34.03 0.30 0.00	29.84 0.30 0.00	27.59 0.30 0.00	28.81 0.34 0.00	28.19 0.31 0.00	29.25 0.23 0.00	31.98 0.29 0.00	27.57 0.27 0.00	27.61 0.25 0.00	22.91 0.16 0.00	22.00 0.15 0.00	22.69 0.16 0.03	22.65 0.16 0.03	23.77 0.17 0.10	24.23 0.14 0.05	27.90 0.19 0.08	32.30 0.26 0.22	40.70 0.28 0.00	46.08 0.27 0.00	45.78 0.27 0.00	40.24 0.28 0.00	33.96 0.30 0.00	31.97 0.25 0.00	28.03 0.22 0.00
ALTONA_WT_PWR 323606	35.21 1.48 0.00	31.55 1.36 -0.64	28.72 1.28 -0.15	29.87 1.39 0.00	29.28 1.39 0.00	30.55 1.54 0.00	34.00 1.71 -0.60	29.45 1.55 -0.60	29.06 1.70 0.00	24.43 1.43 -0.25	24.24 1.40 -1.00	24.49 1.42 -0.51	24.19 1.40 -0.27	25.52 1.45 -0.37	26.53 1.55 -0.85	30.08 1.70 -0.60	35.08 2.07 -0.75	42.96 2.55 0.00	50.23 3.44 -0.98	50.32 3.37 -1.44	44.02 2.80 -1.26	37.06 2.22 -1.18	33.58 1.87 0.00	29.82 1.64 -0.37
AMERICAN_REF_FUEL 24010	33.22 -0.50 0.00	28.75 -0.80 0.00	26.28 -1.01 0.00	27.28 -1.19 0.00	26.69 -1.20 0.00	28.20 -0.81 0.00	29.98 -1.71 0.00	24.79 -2.27 0.24	25.43 -1.75 0.18	21.59 -0.93 0.22	20.59 -0.87 0.38	21.53 -0.90 0.12	21.62 -0.88 0.03	22.41 -0.78 0.51	22.54 -0.99 0.60	26.40 -1.39 0.00	29.20 -3.07 0.00	36.78 -3.64 0.00	42.28 -3.53 0.00	41.78 -3.73 0.00	36.48 -3.48 0.00	30.69 -2.76 0.21	29.75 -1.97 0.00	26.91 -0.89 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.79 0.07 0.00	29.28 -0.27 0.00	26.74 -0.55 0.00	27.62 -0.85 0.00	26.96 -0.92 0.00	28.55 -0.47 0.00	30.74 -0.95 0.00	25.60 -1.47 0.22	26.24 -0.96 0.17	22.34 -0.21 0.20	21.39 -0.11 0.34	22.34 -0.11 0.11	22.43 -0.07 0.03	23.33 0.10 0.46	23.49 -0.10 0.55	27.56 -0.22 0.00	30.75 -1.52 0.00	38.76 -1.66 0.00	44.34 -1.47 0.00	43.69 -1.82 0.00	37.84 -2.12 0.00	31.65 -1.82 0.19	30.44 -1.27 0.00	26.83 -0.97 0.00
ARTHUR KILL_GT_1 23520	35.41 1.69 0.00	30.94 1.39 0.00	28.35 1.06 0.00	10.09 1.20 19.58	12.22 1.20 16.87	12.80 1.19 17.40	16.62 1.30 16.37	11.28 1.31 17.32	14.85 1.40 13.91	15.11 1.32 8.96	15.49 1.44 7.79	15.64 1.56 8.48	20.94 1.58 3.17	20.88 1.66 4.48	22.03 1.67 3.77	23.43 1.75 6.11	25.89 2.23 8.60	25.98 2.47 16.90	26.51 2.43 21.72	26.38 2.23 21.36	25.70 2.08 16.34	23.71 1.68 11.64	21.91 1.52 11.32	13.97 1.31 15.14
ARTHUR_KILL_2 23512	35.31 1.59 0.00	30.85 1.30 0.00	28.27 0.98 0.00	10.00 1.11 19.58	12.16 1.14 16.87	12.71 1.10 17.40	16.53 1.20 16.37	11.23 1.26 17.32	14.77 1.31 13.91	15.04 1.25 8.96	15.45 1.40 7.79	15.57 1.49 8.48	20.87 1.51 3.17	20.81 1.59 4.48	21.96 1.59 3.77	23.37 1.70 6.11	25.79 2.13 8.60	25.94 2.42 16.90	26.15 2.06 21.72	26.20 2.05 21.36	25.54 1.92 16.34	23.57 1.55 11.64	21.79 1.39 11.32	13.92 1.25 15.14
ARTHUR_KILL_3 23513	35.04 1.31 0.00	30.67 1.12 0.00	28.16 0.87 0.00	10.00 1.11 19.58	11.89 0.87 16.86	12.46 0.84 17.40	16.34 1.01 16.36	11.05 1.06 17.31	14.64 1.18 13.90	14.89 1.09 8.95	15.24 1.18 7.78	15.37 1.29 8.47	20.67 1.31 3.16	20.58 1.35 4.47	21.75 1.38 3.76	23.21 1.53 6.10	25.54 1.87 8.59	25.58 2.06 16.90	25.83 1.74 21.71	25.84 1.68 21.35	25.23 1.60 16.33	23.31 1.28 11.63	21.54 1.14 11.31	13.62 0.95 15.13

ARTHUR_KILL_COGEN 323718	35.41 1.69 0.00	30.94 1.39 0.00	28.35 1.06 0.00	10.09 1.20 19.58	12.24 1.23 16.87	12.80 1.19 17.40	16.62 1.30 16.37	11.28 1.31 17.32	14.85 1.39 13.91	15.11 1.32 8.96	15.49 1.44 7.79	15.63 1.56 8.48	20.94 1.58 3.17	20.88 1.66 4.48	22.03 1.66 3.77	23.45 1.78 6.11	25.92 2.26 8.60	26.06 2.55 16.90	26.33 2.24 21.72	26.33 2.18 21.36	25.70 2.08 16.34	23.67 1.65 11.64	21.88 1.49 11.32	13.97 1.31 15.14
ASHOKAN____ 23654	34.74 1.01 0.00	30.52 0.97 0.00	28.14 0.85 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.26 0.57 0.00	27.76 0.46 0.00	27.70 0.33 0.00	22.84 0.09 0.00	21.87 0.02 0.00	23.24 0.68 0.00	23.25 0.72 0.00	24.46 0.76 0.00	24.93 0.80 0.00	28.81 1.03 0.00	33.75 1.48 0.00	41.47 1.05 0.00	47.09 1.28 0.00	46.96 1.46 0.00	41.16 1.20 0.00	34.43 0.77 0.00	32.51 0.79 0.00	28.61 0.81 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.82 1.34 -0.01	29.23 1.34 -0.01	30.20 1.19 0.00	32.87 1.17 0.00	28.44 1.15 0.00	28.56 1.20 0.01	23.94 1.20 0.01	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.13	29.60 1.58 -0.24	34.84 1.94 -0.64	42.55 2.14 0.01	47.63 1.83 0.01	47.27 1.77 0.01	41.63 1.68 0.01	35.07 1.41 0.00	33.14 1.43 0.00	29.20 1.39 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.45 1.72 -0.01	31.03 1.48 -0.01	28.47 1.17 -0.01	29.82 1.34 -0.01	29.20 1.31 -0.01	30.18 1.16 0.00	32.87 1.17 0.00	28.44 1.15 0.00	28.56 1.20 0.01	23.94 1.20 0.01	23.20 1.35 0.00	24.09 1.45 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.74 1.47 -0.13	29.58 1.55 -0.24	34.81 1.90 -0.64	42.51 2.10 0.01	47.58 1.78 0.01	47.27 1.77 0.01	41.59 1.64 0.01	35.07 1.41 0.00	33.14 1.43 0.00	29.18 1.36 -0.01
ASTORIA_GT2_1 24094	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00
ASTORIA_GT2_2 24095	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00
ASTORIA_GT2_3 24096	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00
ASTORIA_GT2_4 24097	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00
ASTORIA_GT3_1 24098	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00
ASTORIA_GT3_2 24099	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00
ASTORIA_GT3_3 24100	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00
ASTORIA_GT3_4 24101	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00
ASTORIA_GT4_1 24102	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00
ASTORIA_GT4_2 24103	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00
ASTORIA_GT4_3 24104	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00

ASTORIA_GT4_4 24105	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.81 1.34 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.86 1.17 0.00	28.44 1.15 0.00	28.57 1.20 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.75 1.47 -0.14	29.59 1.56 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.82 2.02 0.00	47.33 1.82 0.00	41.64 1.68 0.00	35.11 1.45 0.00	33.14 1.43 0.00	29.14 1.33 0.00
ASTORIA_GT_1 23523	35.52 1.79 -0.01	31.09 1.54 -0.01	28.55 1.26 -0.01	29.87 1.40 0.00	29.14 1.25 0.00	30.23 1.22 0.00	32.93 1.24 0.00	28.49 1.20 0.00	28.62 1.26 0.00	24.00 1.25 0.00	23.24 1.40 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.54 1.54 -0.29	25.80 1.52 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.17 1.51 0.00	33.20 1.49 0.00	29.17 1.36 0.00
ASTORIA_GT_10 24110	35.31 1.59 0.00	30.91 1.36 0.00	28.35 1.06 0.00	29.69 1.22 0.00	28.97 1.09 0.00	30.06 1.04 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.62 1.26 0.00	23.95 1.21 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.11 1.45 0.00	33.04 1.33 0.00	28.97 1.17 0.00
ASTORIA_GT_11 24225	35.31 1.59 0.00	30.91 1.36 0.00	28.35 1.06 0.00	29.69 1.22 0.00	28.97 1.09 0.00	30.06 1.04 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.62 1.26 0.00	23.95 1.21 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.11 1.45 0.00	33.04 1.33 0.00	28.97 1.17 0.00
ASTORIA_GT_12 24226	35.31 1.59 0.00	30.91 1.36 0.00	28.35 1.06 0.00	29.69 1.22 0.00	28.97 1.09 0.00	30.06 1.04 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.62 1.26 0.00	23.95 1.21 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.11 1.45 0.00	33.04 1.33 0.00	28.97 1.17 0.00
ASTORIA_GT_13 24227	35.31 1.59 0.00	30.91 1.36 0.00	28.35 1.06 0.00	29.69 1.22 0.00	28.97 1.09 0.00	30.06 1.04 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.62 1.26 0.00	23.95 1.21 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.11 1.45 0.00	33.04 1.33 0.00	28.97 1.17 0.00
ASTORIA_GT_5 24106	35.52 1.79 -0.01	31.09 1.54 -0.01	28.55 1.26 -0.01	29.87 1.40 0.00	29.14 1.25 0.00	30.23 1.22 0.00	32.93 1.24 0.00	28.49 1.20 0.00	28.62 1.26 0.00	24.00 1.25 0.00	23.24 1.40 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.54 1.54 -0.29	25.80 1.52 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.17 1.51 0.00	33.20 1.49 0.00	29.17 1.36 0.00
ASTORIA_GT_7 24107	35.52 1.79 -0.01	31.09 1.54 -0.01	28.55 1.26 -0.01	29.87 1.40 0.00	29.14 1.25 0.00	30.23 1.22 0.00	32.93 1.24 0.00	28.49 1.20 0.00	28.62 1.26 0.00	24.00 1.25 0.00	23.24 1.40 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.54 1.54 -0.29	25.80 1.52 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.17 1.51 0.00	33.20 1.49 0.00	29.17 1.36 0.00
ASTORIA_GT_8 24108	35.52 1.79 -0.01	31.09 1.54 -0.01	28.55 1.26 -0.01	29.87 1.40 0.00	29.14 1.25 0.00	30.23 1.22 0.00	32.93 1.24 0.00	28.49 1.20 0.00	28.62 1.26 0.00	24.00 1.25 0.00	23.24 1.40 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.54 1.54 -0.29	25.80 1.52 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.17 1.51 0.00	33.20 1.49 0.00	29.17 1.36 0.00
ASTORIA___2 24149	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.82 1.34 -0.01	29.23 1.34 -0.01	30.20 1.19 0.00	32.87 1.17 0.00	28.44 1.15 0.00	28.56 1.20 0.01	23.94 1.20 0.01	23.20 1.35 0.00	24.11 1.47 -0.09	24.11 1.49 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.13	29.60 1.58 -0.24	34.84 1.94 -0.64	42.55 2.14 0.01	47.63 1.83 0.01	47.27 1.77 0.01	41.63 1.68 0.01	35.07 1.41 0.00	33.14 1.43 0.00	29.20 1.39 -0.01
ASTORIA___3 23516	35.31 1.59 0.00	30.91 1.36 0.00	28.35 1.06 0.00	29.69 1.22 0.00	29.00 1.12 0.00	30.06 1.04 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.63 1.26 0.00	23.95 1.20 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.64 1.61 -0.25	34.91 2.00 -0.65	42.64 2.22 0.00	47.73 1.92 0.00	47.38 1.87 0.00	41.72 1.76 0.00	35.07 1.41 0.00	33.04 1.33 0.00	29.00 1.19 0.00
ASTORIA___4 23517	35.31 1.59 0.00	30.91 1.36 0.00	28.35 1.06 0.00	29.69 1.22 0.00	28.97 1.09 0.00	30.06 1.04 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.62 1.26 0.00	23.95 1.21 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.11 1.45 0.00	33.04 1.33 0.00	28.97 1.17 0.00
ASTORIA___5 23518	35.31 1.59 0.00	30.91 1.36 0.00	28.35 1.06 0.00	29.69 1.22 0.00	29.00 1.12 0.00	30.06 1.04 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.63 1.26 0.00	23.95 1.20 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.64 1.61 -0.25	34.91 2.00 -0.65	42.64 2.22 0.00	47.73 1.92 0.00	47.38 1.87 0.00	41.72 1.76 0.00	35.07 1.41 0.00	33.04 1.33 0.00	29.00 1.19 0.00
AST_ENERGY_2_CC3 323677	26.52 1.38 8.59	24.83 1.18 5.90	24.83 0.93 3.39	24.83 1.05 4.69	24.83 1.06 4.11	24.83 0.87 5.05	24.83 0.86 7.72	24.83 0.87 3.34	24.83 0.93 3.47	23.79 1.05 0.01	23.07 1.22 0.00	23.96 1.31 -0.09	23.96 1.33 -0.10	25.32 1.33 -0.29	25.60 1.33 -0.13	26.26 1.28 2.80	26.26 1.61 7.61	26.26 1.74 15.89	27.91 1.37 19.27	27.66 1.32 19.16	26.26 1.28 14.98	26.26 1.11 8.51	26.26 1.11 6.56	26.26 1.08 2.63
AST_ENERGY_2_CC4 323678	26.52 1.38 8.59	24.83 1.18 5.90	24.83 0.93 3.39	24.83 1.05 4.69	24.83 1.06 4.11	24.83 0.87 5.05	24.83 0.86 7.72	24.83 0.87 3.34	24.83 0.93 3.47	23.79 1.05 0.01	23.07 1.22 0.00	23.96 1.31 -0.09	23.96 1.33 -0.10	25.32 1.33 -0.29	25.60 1.33 -0.13	26.26 1.28 2.80	26.26 1.61 7.61	26.26 1.74 15.89	27.91 1.37 19.27	27.66 1.32 19.16	26.26 1.28 14.98	26.26 1.11 8.51	26.26 1.11 6.56	26.26 1.08 2.63

ATHENS_STG_1 23668	34.33 0.61 0.00	30.11 0.56 0.00	27.84 0.55 0.00	29.07 0.60 0.00	28.41 0.53 0.00	29.45 0.44 0.00	32.23 0.54 0.00	27.84 0.55 0.00	27.91 0.55 0.00	23.20 0.45 0.00	22.32 0.48 0.00	23.10 0.52 -0.02	23.07 0.52 -0.02	24.31 0.55 -0.06	24.72 0.56 -0.03	28.47 0.64 -0.05	33.20 0.81 -0.13	41.18 0.77 0.00	46.36 0.55 0.00	46.06 0.55 0.00	40.52 0.56 0.00	34.13 0.47 0.00	32.16 0.44 0.00	28.17 0.36 0.00
ATHENS_STG_2 23670	34.33 0.61 0.00	30.11 0.56 0.00	27.84 0.55 0.00	29.07 0.60 0.00	28.41 0.53 0.00	29.45 0.44 0.00	32.23 0.54 0.00	27.84 0.55 0.00	27.91 0.55 0.00	23.20 0.45 0.00	22.32 0.48 0.00	23.10 0.52 -0.02	23.07 0.52 -0.02	24.31 0.55 -0.06	24.72 0.56 -0.03	28.47 0.64 -0.05	33.20 0.81 -0.13	41.18 0.77 0.00	46.36 0.55 0.00	46.06 0.55 0.00	40.52 0.56 0.00	34.13 0.47 0.00	32.16 0.44 0.00	28.17 0.36 0.00
ATHENS_STG_3 23677	34.33 0.61 0.00	30.11 0.56 0.00	27.84 0.55 0.00	29.07 0.60 0.00	28.41 0.53 0.00	29.45 0.44 0.00	32.23 0.54 0.00	27.84 0.55 0.00	27.91 0.55 0.00	23.20 0.45 0.00	22.32 0.48 0.00	23.10 0.52 -0.02	23.07 0.52 -0.02	24.31 0.55 -0.06	24.72 0.56 -0.03	28.47 0.64 -0.05	33.20 0.81 -0.13	41.18 0.77 0.00	46.36 0.55 0.00	46.06 0.55 0.00	40.52 0.56 0.00	34.13 0.47 0.00	32.16 0.44 0.00	28.17 0.36 0.00
AUBURN___LFGE 323710	33.86 0.13 0.00	29.78 0.06 -0.17	27.28 -0.05 -0.04	28.33 -0.14 0.00	27.80 -0.08 0.00	29.01 0.00 0.00	31.79 -0.06 -0.16	27.32 -0.14 -0.16	27.26 -0.11 0.00	22.68 -0.14 -0.07	21.96 -0.15 -0.27	22.52 -0.18 -0.14	22.42 -0.18 -0.07	23.64 -0.17 -0.10	24.17 -0.19 -0.23	27.75 -0.19 -0.16	32.24 -0.23 -0.20	40.34 -0.08 0.00	46.12 0.05 -0.26	45.94 0.05 -0.39	40.22 -0.08 -0.34	33.88 -0.10 -0.32	31.71 0.00 0.00	27.88 -0.03 -0.10
BABYLON_RES_REC 323704	35.65 1.92 0.00	30.94 1.39 0.00	28.22 0.93 0.00	29.47 1.00 0.00	28.66 0.78 0.00	29.80 0.78 0.00	33.15 1.46 0.00	28.55 1.26 0.00	28.60 1.23 0.00	24.02 1.27 0.00	23.22 1.38 0.00	24.20 1.56 -0.09	24.11 1.49 -0.10	25.75 1.75 -0.29	26.14 1.86 -0.14	34.61 2.19 -4.63	37.41 2.58 -2.57	42.80 2.38 0.00	47.91 2.11 0.00	46.92 1.41 0.00	41.36 1.40 0.00	35.51 1.85 0.00	33.17 1.46 0.00	28.97 1.17 0.00
BALL_HILL_WT_PWR 323825	33.63 -0.10 0.00	29.11 -0.44 0.00	26.63 -0.66 0.00	27.59 -0.88 0.00	26.96 -0.92 0.00	28.55 -0.47 0.00	30.68 -1.02 0.00	25.54 -1.53 0.22	26.13 -1.07 0.17	22.15 -0.39 0.21	21.19 -0.31 0.35	22.11 -0.34 0.11	22.18 -0.32 0.03	23.04 -0.19 0.48	23.21 -0.36 0.56	27.23 -0.56 0.00	30.33 -1.93 0.00	38.23 -2.18 0.00	43.84 -1.97 0.00	43.28 -2.23 0.00	37.69 -2.28 0.00	31.58 -1.88 0.19	30.48 -1.24 0.00	27.03 -0.78 0.00
BARON_WINDS___WT_PWR 323822	33.83 0.10 0.00	29.43 -0.12 0.00	26.99 -0.30 0.00	28.01 -0.46 0.00	27.44 -0.45 0.00	28.84 -0.17 0.00	31.22 -0.47 0.00	26.30 -0.85 0.15	26.32 -0.93 0.11	22.04 -0.57 0.14	21.09 -0.52 0.23	21.90 -0.59 0.08	21.95 -0.56 0.02	22.89 -0.50 0.31	23.14 -0.63 0.37	27.04 -0.75 0.00	30.62 -1.64 0.00	38.64 -1.78 0.00	44.39 -1.42 0.00	44.01 -1.50 0.00	38.40 -1.56 0.00	32.22 -1.31 0.13	30.76 -0.95 0.00	27.14 -0.67 0.00
BARRETT_IC_1 23704	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT_IC_10 23701	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT_IC_11 23702	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT_IC_12 23703	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT_IC_2 23705	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT_IC_3 23706	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT_IC_4 23707	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT_IC_5 23708	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00

BARRETT_IC_6 23709	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT_IC_7 23710	35.48 1.75 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 0.00	28.69 0.81 0.00	29.80 0.78 0.00	33.09 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.06 1.79 -0.14	33.89 1.81 -4.30	36.75 2.06 -2.42	42.40 1.98 0.00	47.68 1.88 0.00	46.69 1.18 0.00	41.16 1.20 0.00	35.27 1.62 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT_IC_8 23711	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT_IC_9 23700	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT___1 23545	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BARRETT___2 23546	35.45 1.72 0.00	30.88 1.33 0.00	28.22 0.93 0.00	29.47 1.00 -0.01	28.70 0.81 -0.01	29.80 0.78 0.00	33.08 1.39 0.00	28.60 1.31 0.00	28.65 1.29 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.14 1.51 -0.10	25.73 1.73 -0.29	26.09 1.81 -0.14	33.89 1.80 -4.30	36.78 2.10 -2.42	42.44 2.02 0.00	47.50 1.70 0.00	46.65 1.14 0.00	41.12 1.16 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.92 1.11 0.00
BATAVIA__115KV_TB1 55881	34.43 0.71 0.00	29.82 0.27 0.00	27.21 -0.08 0.00	28.27 -0.20 0.00	27.72 -0.17 0.00	29.25 0.23 0.00	31.44 -0.25 0.00	26.30 -0.74 0.25	26.71 -0.47 0.19	22.44 -0.07 0.23	21.33 -0.11 0.40	22.29 -0.14 0.13	22.34 -0.16 0.03	23.14 -0.02 0.54	23.36 -0.14 0.64	27.26 -0.53 0.00	31.10 -1.16 0.00	39.32 -1.09 0.00	44.48 -1.33 0.00	44.51 -1.00 0.00	38.84 -1.12 0.00	32.33 -1.11 0.22	31.33 -0.38 0.00	27.78 -0.03 0.00
BAYONEEC___CTG1 323682	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.68 1.31 0.00	23.95 1.20 0.00	23.16 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.02 1.30 0.00	28.89 1.08 0.00
BAYONEEC___CTG10 323750	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.68 1.31 0.00	23.95 1.20 0.00	23.16 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.02 1.30 0.00	28.89 1.08 0.00
BAYONEEC___CTG2 323683	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.68 1.31 0.00	23.95 1.20 0.00	23.16 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.02 1.30 0.00	28.89 1.08 0.00
BAYONEEC___CTG3 323684	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.68 1.31 0.00	23.95 1.20 0.00	23.16 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.02 1.30 0.00	28.89 1.08 0.00
BAYONEEC___CTG4 323685	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.68 1.31 0.00	23.95 1.20 0.00	23.16 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.02 1.30 0.00	28.89 1.08 0.00
BAYONEEC___CTG5 323686	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.68 1.31 0.00	23.95 1.20 0.00	23.16 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.02 1.30 0.00	28.89 1.08 0.00
BAYONEEC___CTG6 323687	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.68 1.31 0.00	23.95 1.20 0.00	23.16 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.02 1.30 0.00	28.89 1.08 0.00
BAYONEEC___CTG7 323688	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.68 1.31 0.00	23.95 1.20 0.00	23.16 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.02 1.30 0.00	28.89 1.08 0.00

BAYONEEC___CTG8 323689	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.68 1.31 0.00	23.95 1.20 0.00	23.16 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.02 1.30 0.00	28.89 1.08 0.00
BAYONEEC___CTG9 323749	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.68 1.31 0.00	23.95 1.20 0.00	23.16 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.02 1.30 0.00	28.89 1.08 0.00
BEACON___LESR 323632	33.93 0.20 0.00	29.78 0.24 0.00	27.53 0.25 0.00	28.73 0.26 0.00	28.16 0.28 0.00	29.25 0.23 0.00	31.94 0.25 0.00	27.54 0.25 0.00	27.50 0.14 0.00	22.79 0.05 0.00	21.84 0.00 0.00	22.52 0.00 0.04	22.46 -0.02 0.05	23.53 -0.02 0.15	24.02 -0.05 0.07	27.69 0.03 0.12	32.09 0.16 0.33	40.62 0.20 0.00	45.99 0.18 0.00	45.74 0.23 0.00	40.20 0.24 0.00	34.00 0.34 0.00	31.97 0.25 0.00	28.05 0.25 0.00
BEAVER RIVER___HYD 24048	33.90 0.17 0.00	32.70 0.00 -3.15	28.04 0.00 -0.75	28.41 -0.06 0.00	28.11 0.22 0.00	29.28 0.26 0.00	35.05 0.38 -2.98	30.51 0.25 -2.98	27.39 0.03 0.00	23.88 -0.11 -1.24	26.64 -0.13 -4.93	24.92 -0.16 -2.51	23.62 -0.23 -1.32	25.30 -0.24 -1.83	28.10 -0.22 -4.18	30.43 -0.33 -2.98	35.79 -0.19 -3.73	40.42 0.00 0.00	51.21 0.55 -4.86	53.04 0.41 -7.12	46.78 0.56 -6.26	40.12 0.61 -5.85	32.19 0.48 0.00	30.03 0.39 -1.84
BEEBEE_GT_13 23619	33.73 0.00 0.00	29.31 -0.24 0.00	26.88 -0.41 0.00	27.96 -0.51 0.00	27.41 -0.47 0.00	28.75 -0.26 0.00	31.22 -0.48 0.00	26.39 -0.63 0.28	26.69 -0.47 0.21	22.28 -0.20 0.26	21.19 -0.22 0.44	22.19 -0.23 0.14	22.24 -0.25 0.04	22.94 -0.17 0.60	23.22 -0.22 0.70	27.31 -0.47 0.00	31.39 -0.87 0.00	39.57 -0.85 0.00	44.80 -1.01 0.00	44.69 -0.82 0.00	39.12 -0.84 0.00	32.58 -0.84 0.24	31.33 -0.38 0.00	27.47 -0.33 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.55 1.82 0.00	31.06 1.51 0.00	28.46 1.17 0.00	29.81 1.34 0.00	29.14 1.25 0.00	30.26 1.25 0.00	33.05 1.36 0.00	28.68 1.39 0.00	28.82 1.45 0.00	24.14 1.39 0.00	23.35 1.51 0.00	24.27 1.62 -0.09	24.27 1.64 -0.10	25.73 1.73 -0.29	25.99 1.71 -0.14	29.84 1.81 -0.25	35.20 2.29 -0.65	42.96 2.55 0.00	48.37 2.57 0.00	47.88 2.37 0.00	42.12 2.16 0.00	35.41 1.75 0.00	33.30 1.59 0.00	29.17 1.36 0.00
BETHLEHEM___GRP 23843	33.46 -0.27 0.00	29.40 -0.15 0.00	27.18 -0.11 0.00	28.36 -0.11 0.00	27.77 -0.11 0.00	28.87 -0.15 0.00	31.53 -0.16 0.00	27.21 -0.08 0.00	27.23 -0.14 0.00	22.59 -0.16 0.00	21.67 -0.17 0.00	22.36 -0.16 0.04	22.32 -0.16 0.05	23.37 -0.19 0.14	23.85 -0.22 0.07	27.47 -0.19 0.12	31.79 -0.16 0.31	40.05 -0.36 0.00	45.39 -0.41 0.00	45.10 -0.41 0.00	39.64 -0.32 0.00	33.56 -0.10 0.00	31.55 -0.16 0.00	27.67 -0.14 0.00
BETHLEHEM___GS1 323560	33.46 -0.27 0.00	29.40 -0.15 0.00	27.18 -0.11 0.00	28.36 -0.11 0.00	27.77 -0.11 0.00	28.87 -0.14 0.00	31.53 -0.16 0.00	27.21 -0.08 0.00	27.23 -0.14 0.00	22.59 -0.16 0.00	21.67 -0.18 0.00	22.36 -0.16 0.04	22.32 -0.16 0.05	23.37 -0.19 0.14	23.87 -0.19 0.07	27.47 -0.19 0.12	31.82 -0.13 0.31	40.09 -0.32 0.00	45.30 -0.50 0.00	45.05 -0.46 0.00	39.64 -0.32 0.00	33.52 -0.13 0.00	31.56 -0.16 0.00	27.67 -0.14 0.00
BETHLEHEM___GS2 323561	33.46 -0.27 0.00	29.40 -0.15 0.00	27.18 -0.11 0.00	28.36 -0.11 0.00	27.77 -0.11 0.00	28.87 -0.14 0.00	31.53 -0.16 0.00	27.21 -0.08 0.00	27.23 -0.14 0.00	22.59 -0.16 0.00	21.67 -0.18 0.00	22.36 -0.16 0.04	22.32 -0.16 0.05	23.37 -0.19 0.14	23.87 -0.19 0.07	27.47 -0.19 0.12	31.82 -0.13 0.31	40.09 -0.32 0.00	45.30 -0.50 0.00	45.05 -0.46 0.00	39.64 -0.32 0.00	33.52 -0.13 0.00	31.56 -0.16 0.00	27.67 -0.14 0.00
BETHLEHEM___GS3 323562	33.46 -0.27 0.00	29.40 -0.15 0.00	27.18 -0.11 0.00	28.36 -0.11 0.00	27.77 -0.11 0.00	28.87 -0.14 0.00	31.53 -0.16 0.00	27.21 -0.08 0.00	27.23 -0.14 0.00	22.59 -0.16 0.00	21.67 -0.18 0.00	22.36 -0.16 0.04	22.32 -0.16 0.05	23.37 -0.19 0.14	23.87 -0.19 0.07	27.47 -0.19 0.12	31.82 -0.13 0.31	40.09 -0.32 0.00	45.30 -0.50 0.00	45.05 -0.46 0.00	39.64 -0.32 0.00	33.52 -0.13 0.00	31.56 -0.16 0.00	27.67 -0.14 0.00
BETHLEHEM___STEEL 23779	33.52 -0.20 0.00	29.02 -0.53 0.00	26.55 -0.74 0.00	27.53 -0.94 0.00	26.94 -0.95 0.00	28.49 -0.52 0.00	30.58 -1.11 0.00	25.46 -1.61 0.23	26.07 -1.12 0.17	22.08 -0.45 0.21	21.09 -0.39 0.36	22.01 -0.43 0.12	22.09 -0.41 0.03	22.93 -0.28 0.48	23.11 -0.46 0.57	26.81 -0.97 0.00	30.52 -1.74 0.00	38.35 -2.06 0.00	42.92 -2.89 0.00	42.91 -2.59 0.00	37.44 -2.52 0.00	31.34 -2.12 0.19	30.41 -1.30 0.00	27.05 -0.75 0.00
BETHLHEM_115KV_TB1 79974	33.59 -0.13 0.00	29.49 -0.06 0.00	27.29 0.00 0.00	28.44 -0.03 0.00	27.86 -0.03 0.00	28.96 -0.06 0.00	31.63 -0.06 0.00	27.29 0.00 0.00	27.31 -0.05 0.00	22.66 -0.09 0.00	21.76 -0.09 0.00	22.43 -0.09 0.04	22.39 -0.09 0.04	23.47 -0.09 0.13	23.95 -0.12 0.06	27.56 -0.11 0.11	31.90 -0.06 0.30	40.21 -0.20 0.00	45.53 -0.27 0.00	45.24 -0.27 0.00	39.76 -0.20 0.00	33.63 -0.03 0.00	31.65 -0.06 0.00	27.75 -0.06 0.00
BETHPAGE_CC_5 323564	35.61 1.89 0.00	30.97 1.42 0.00	28.24 0.95 0.00	29.52 1.05 0.00	28.72 0.84 0.00	29.86 0.84 0.00	33.18 1.49 0.00	28.63 1.34 0.00	28.68 1.31 0.00	24.09 1.34 0.00	23.28 1.44 0.00	24.27 1.63 -0.09	24.20 1.58 -0.10	25.80 1.80 -0.29	26.19 1.91 -0.14	34.81 2.14 -4.89	37.39 2.45 -2.68	42.68 2.26 0.00	47.77 1.97 0.00	46.83 1.32 0.00	41.28 1.32 0.00	35.41 1.75 0.00	33.14 1.43 0.00	29.00 1.19 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.56 -0.17 0.00	29.05 -0.50 0.00	26.55 -0.74 0.00	27.56 -0.91 0.00	26.94 -0.95 0.00	28.49 -0.52 0.00	30.61 -1.08 0.00	25.48 -1.58 0.23	26.10 -1.09 0.17	22.11 -0.43 0.21	21.12 -0.37 0.35	22.02 -0.43 0.12	22.12 -0.38 0.03	22.96 -0.26 0.48	23.14 -0.43 0.56	26.84 -0.94 0.00	30.55 -1.71 0.00	38.44 -1.98 0.00	43.01 -2.79 0.00	43.01 -2.50 0.00	37.52 -2.44 0.00	31.38 -2.09 0.19	30.44 -1.27 0.00	27.05 -0.75 0.00
BINGHAMTON___COGEN 23790	33.96 0.24 0.00	29.70 0.15 0.00	27.34 0.05 0.00	28.44 -0.03 0.00	27.88 0.00 0.00	29.10 0.09 0.00	31.69 0.00 0.00	27.07 -0.16 0.06	27.21 -0.11 0.05	22.65 -0.05 0.06	21.73 -0.02 0.09	22.48 -0.05 0.03	22.50 -0.02 0.01	23.57 0.00 0.13	23.96 -0.02 0.15	27.70 -0.08 0.00	32.10 -0.16 0.00	40.29 -0.12 0.00	45.67 -0.14 0.00	45.42 -0.09 0.00	39.76 -0.20 0.00	33.37 -0.24 0.05	31.65 -0.06 0.00	27.78 -0.03 0.00

BIXINCNT_115KV_LOAD 355685	33.52 -0.20 0.00	29.08 -0.47 0.00	26.58 -0.71 0.00	27.53 -0.94 0.00	26.88 -1.00 0.00	28.49 -0.52 0.00	30.65 -1.05 0.00	25.52 -1.56 0.21	26.16 -1.04 0.16	22.16 -0.39 0.20	21.16 -0.35 0.34	22.07 -0.38 0.11	22.14 -0.36 0.03	23.03 -0.21 0.46	23.21 -0.39 0.54	26.98 -0.81 0.00	30.74 -1.52 0.00	38.64 -1.78 0.00	43.15 -2.66 0.00	43.01 -2.50 0.00	37.32 -2.64 0.00	31.22 -2.26 0.18	30.25 -1.46 0.00	26.80 -1.00 0.00
BLACK RIVER___HYD 24047	34.10 0.37 0.00	31.75 0.03 -2.17	27.78 -0.03 -0.52	28.33 -0.14 0.00	28.00 0.11 0.00	29.19 0.18 0.00	34.03 0.28 -2.05	29.46 0.11 -2.05	27.18 -0.19 0.00	23.29 -0.32 -0.86	24.87 -0.37 -3.40	23.89 -0.41 -1.73	22.99 -0.45 -0.91	24.49 -0.47 -1.26	26.54 -0.48 -2.88	29.28 -0.56 -2.05	34.44 -0.39 -2.57	40.25 -0.16 0.00	49.71 0.55 -3.35	51.01 0.59 -4.91	44.91 0.64 -4.32	38.27 0.57 -4.04	32.16 0.44 0.00	29.38 0.31 -1.27
BLACKRVR_115KV_TB2 79977	34.10 0.37 0.00	31.75 0.03 -2.17	27.78 -0.03 -0.52	28.33 -0.14 0.00	28.00 0.11 0.00	29.19 0.17 0.00	34.03 0.29 -2.05	29.46 0.11 -2.05	27.17 -0.19 0.00	23.29 -0.32 -0.86	24.87 -0.37 -3.40	23.89 -0.41 -1.73	22.99 -0.45 -0.91	24.49 -0.47 -1.26	26.56 -0.46 -2.88	29.28 -0.56 -2.05	34.48 -0.35 -2.57	40.25 -0.16 0.00	49.66 0.50 -3.35	51.01 0.59 -4.91	44.92 0.64 -4.32	38.27 0.57 -4.04	32.16 0.44 0.00	29.38 0.31 -1.27
BLDWN_LI_69_KV_BK4 356085	35.65 1.92 0.00	31.03 1.48 0.00	28.30 1.01 0.00	29.55 1.08 0.00	28.78 0.89 0.00	29.91 0.90 0.00	33.21 1.52 0.00	28.68 1.39 0.00	28.73 1.37 0.00	24.11 1.36 0.00	23.33 1.49 0.00	24.29 1.65 -0.09	24.23 1.60 -0.10	25.82 1.83 -0.29	26.16 1.88 -0.14	35.31 2.08 -5.45	37.61 2.42 -2.92	42.76 2.34 0.00	48.10 2.29 0.00	47.06 1.55 0.00	41.48 1.52 0.00	35.58 1.92 0.00	33.20 1.49 0.00	29.03 1.22 0.00
BLISS_WT_PWR 323608	33.49 -0.23 0.00	29.05 -0.50 0.00	26.55 -0.74 0.00	27.53 -0.94 0.00	26.82 -1.06 0.00	28.46 -0.55 0.00	30.61 -1.08 0.00	25.49 -1.58 0.21	26.13 -1.07 0.16	22.14 -0.41 0.20	21.13 -0.37 0.34	22.04 -0.41 0.11	22.14 -0.36 0.03	23.03 -0.21 0.46	23.19 -0.41 0.54	27.23 -0.56 0.00	30.36 -1.90 0.00	38.27 -2.14 0.00	43.61 -2.20 0.00	42.96 -2.55 0.00	37.24 -2.72 0.00	31.25 -2.22 0.18	30.16 -1.55 0.00	26.72 -1.08 0.00
BLUESTONE___WT_PWR 323821	35.01 1.28 0.00	30.64 1.09 0.00	28.19 0.90 0.00	29.30 0.83 0.00	28.78 0.89 0.00	30.00 0.99 0.00	32.80 1.11 0.00	28.03 0.74 0.00	27.91 0.55 0.00	23.07 0.32 0.00	22.11 0.26 0.00	22.83 0.27 0.00	22.78 0.25 0.00	23.96 0.26 0.00	24.40 0.27 0.00	28.17 0.39 0.00	32.84 0.58 0.00	41.51 1.09 0.00	47.64 1.83 0.00	47.51 2.00 0.00	41.56 1.60 0.00	34.84 1.18 0.00	32.85 1.14 0.00	28.78 0.97 0.00
BLUE_CIRC_CHEM_DRP 24182	34.03 0.30 0.00	29.84 0.30 0.00	27.64 0.35 0.00	28.81 0.34 0.00	28.25 0.36 0.00	29.30 0.29 0.00	31.98 0.29 0.00	27.51 0.22 0.00	27.45 0.08 0.00	22.73 -0.02 0.00	21.78 -0.07 0.00	22.49 -0.05 0.03	22.43 -0.07 0.03	23.54 -0.07 0.09	24.02 -0.07 0.05	27.68 -0.03 0.08	32.12 0.06 0.21	40.50 0.08 0.00	45.99 0.18 0.00	45.69 0.18 0.00	40.20 0.24 0.00	33.96 0.30 0.00	31.97 0.25 0.00	28.06 0.25 0.00
BOC_GAS_DRP 24189	33.93 0.20 0.00	29.76 0.21 0.00	27.54 0.25 0.00	28.73 0.26 0.00	28.11 0.22 0.00	29.16 0.15 0.00	31.88 0.19 0.00	27.51 0.22 0.00	27.56 0.19 0.00	22.88 0.14 0.00	21.97 0.13 0.00	22.69 0.16 0.03	22.65 0.16 0.03	23.77 0.17 0.10	24.26 0.17 0.05	27.90 0.19 0.08	32.31 0.26 0.21	40.62 0.20 0.00	45.94 0.14 0.00	45.65 0.14 0.00	40.12 0.16 0.00	33.86 0.20 0.00	31.87 0.16 0.00	27.94 0.14 0.00
BOONVILLE_115KV_TB1 79983	34.06 0.34 0.00	30.99 0.24 -1.20	27.79 0.22 -0.29	28.64 0.17 0.00	28.22 0.33 0.00	29.39 0.38 0.00	33.30 0.48 -1.14	28.76 0.33 -1.14	27.53 0.16 0.00	23.27 0.05 -0.47	23.75 0.02 -1.88	23.52 0.00 -0.96	23.01 -0.02 -0.50	24.38 -0.02 -0.70	25.71 -0.02 -1.60	28.89 -0.03 -1.14	33.81 0.13 -1.42	40.74 0.32 0.00	48.39 0.73 -1.85	48.91 0.68 -2.72	43.07 0.72 -2.39	36.50 0.61 -2.23	32.25 0.54 0.00	28.92 0.42 -0.70
BORALEX_4TH_BRANCH 23824	34.50 0.78 0.00	30.32 0.77 0.00	28.00 0.71 0.00	29.18 0.71 0.00	28.52 0.64 0.00	29.62 0.61 0.00	32.52 0.82 0.00	28.11 0.82 0.00	28.10 0.74 0.00	23.29 0.55 0.00	22.30 0.46 0.00	22.92 0.47 0.11	22.88 0.47 0.12	23.83 0.50 0.37	24.44 0.48 0.18	28.06 0.58 0.31	32.22 0.77 0.82	41.51 1.09 0.00	46.95 1.15 0.00	46.74 1.23 0.00	41.04 1.08 0.00	34.70 1.04 0.00	32.63 0.92 0.00	28.64 0.83 0.00
BOWLINE___1 23526	34.77 1.05 0.00	30.47 0.92 0.00	28.03 0.74 0.00	29.38 0.91 0.00	28.64 0.75 0.00	29.77 0.75 0.00	32.61 0.92 0.00	28.22 0.93 0.00	28.35 0.98 0.00	23.66 0.91 0.00	22.83 0.98 0.00	23.70 1.06 -0.08	23.68 1.06 -0.09	25.08 1.11 -0.27	25.42 1.16 -0.13	29.31 1.31 -0.22	34.43 1.58 -0.59	42.15 1.74 0.00	47.36 1.56 0.00	47.06 1.55 0.00	41.36 1.40 0.00	34.77 1.11 0.00	32.70 0.98 0.00	28.61 0.81 0.00
BOWLINE___2 23595	34.74 1.01 0.00	30.47 0.92 0.00	28.03 0.74 0.00	29.38 0.91 0.00	28.64 0.75 0.00	29.77 0.75 0.00	32.61 0.92 0.00	28.22 0.93 0.00	28.35 0.98 0.00	23.66 0.91 0.00	22.83 0.98 0.00	23.68 1.04 -0.08	23.68 1.06 -0.09	25.08 1.11 -0.27	25.40 1.13 -0.13	29.31 1.31 -0.22	34.44 1.58 -0.59	42.15 1.74 0.00	47.36 1.56 0.00	47.06 1.55 0.00	41.32 1.36 0.00	34.77 1.11 0.00	32.70 0.98 0.00	28.61 0.81 0.00
BRADY___115KV_TB2 356060	34.47 0.74 0.00	41.13 0.65 -10.93	30.51 0.63 -2.60	29.13 0.65 0.00	28.58 0.70 0.00	29.80 0.78 0.00	42.90 0.89 -10.32	38.38 -0.76 -10.32	28.08 0.71 0.00	27.59 0.52 -4.31	39.47 0.52 -17.10	31.77 0.50 -8.71	27.61 0.50 -4.58	30.53 0.47 -6.35	39.22 0.58 -14.50	38.75 0.64 -10.32	46.02 0.84 -12.92	41.55 1.13 0.00	64.16 1.51 -16.84	71.79 1.59 -24.69	63.02 1.36 -21.69	55.07 1.11 -20.30	32.57 0.86 0.00	34.98 0.81 -6.37
BRANSCOMB___SOLAR 323811	34.50 0.78 0.00	30.29 0.74 0.00	28.00 0.71 0.00	29.18 0.71 0.00	28.61 0.72 0.00	29.74 0.73 0.00	32.45 0.76 0.00	27.87 0.57 0.00	28.05 0.68 0.00	23.09 0.34 0.00	21.95 0.11 0.00	22.57 0.07 0.06	22.49 0.02 0.06	23.51 0.00 0.19	24.02 -0.02 0.09	27.76 0.14 0.16	31.93 0.10 0.43	40.94 0.52 0.00	46.58 0.78 0.00	46.56 1.05 0.00	40.92 0.96 0.00	34.50 0.84 0.00	32.47 0.76 0.00	28.50 0.70 0.00
BRDGHMPT_69_KV_BK1 55812	35.45 1.72 0.00	30.70 1.15 0.00	27.92 0.63 0.00	29.10 0.63 0.00	28.30 0.42 0.00	29.36 0.35 0.00	32.61 0.92 0.00	25.69 0.57 2.17	23.81 0.49 4.05	21.93 0.73 1.55	20.10 0.94 2.68	23.84 1.20 -0.09	23.78 1.15 -0.10	25.51 1.52 -0.29	25.92 1.64 -0.14	34.37 2.36 -4.22	37.62 2.97 -2.39	43.16 2.75 0.00	48.60 2.79 0.00	47.24 1.73 0.00	41.48 1.52 0.00	35.71 2.05 0.00	33.17 1.46 0.00	29.03 1.22 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	35.78 2.06 0.00	31.06 1.51 0.00	28.30 1.01 0.00	29.52 1.05 0.00	28.75 0.86 0.00	29.86 0.84 0.00	33.24 1.55 0.00	28.58 1.28 0.00	28.60 1.23 0.00	24.02 1.27 0.00	23.24 1.40 0.00	24.23 1.58 -0.09	24.14 1.51 -0.10	25.80 1.80 -0.29	26.16 1.88 -0.14	34.38 2.31 -4.29	37.45 2.77 -2.42	42.88 2.47 0.00	48.28 2.47 0.00	47.10 1.59 0.00	41.56 1.60 0.00	35.81 2.15 0.00	33.30 1.59 0.00	29.08 1.28 0.00
BRISTLHL_115KV_TB1 79998	33.25 -0.47 0.00	29.38 -0.44 -0.28	26.89 -0.46 -0.07	27.93 -0.54 0.00	27.38 -0.50 0.00	28.52 -0.49 0.00	31.38 -0.57 -0.26	27.20 -0.55 -0.45	26.96 -0.55 -0.14	22.55 -0.48 -0.28	22.09 -0.48 -0.73	22.36 -0.52 -0.32	22.17 -0.50 -0.14	23.74 -0.52 -0.56	24.44 -0.53 -0.84	27.44 -0.61 -0.26	31.88 -0.71 -0.33	39.61 -0.81 0.00	45.36 -0.87 -0.43	45.27 -0.86 -0.63	39.71 -0.80 -0.55	33.66 -0.67 -0.68	31.17 -0.54 0.00	27.47 -0.50 -0.16
BROOKHAVEN___DRP 24191	35.28 1.55 0.00	30.58 1.03 0.00	27.86 0.57 0.00	29.07 0.60 0.00	28.27 0.39 0.00	29.36 0.35 0.00	32.71 1.01 0.00	25.94 0.82 2.17	24.05 0.74 4.05	22.06 0.86 1.55	20.14 0.98 2.69	23.82 1.17 -0.09	23.73 1.10 -0.10	25.40 1.40 -0.29	25.75 1.47 -0.14	33.95 1.94 -4.22	37.04 2.39 -2.39	42.44 2.02 0.00	47.78 1.97 0.00	46.60 1.09 0.00	41.04 1.08 0.00	35.38 1.72 0.00	32.89 1.17 0.00	28.69 0.89 0.00
BROOKLYN_NAVY_YARD 23515	35.14 1.42 0.00	30.76 1.21 0.00	28.24 0.95 0.00	29.61 1.14 0.00	28.83 0.95 0.00	29.97 0.96 0.00	32.83 1.14 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.95 1.20 0.00	23.13 1.29 0.00	24.05 1.40 -0.09	24.02 1.40 -0.10	25.47 1.47 -0.29	25.78 1.50 -0.14	29.70 1.67 -0.24	34.95 2.03 -0.65	42.64 2.22 0.00	47.73 1.92 0.00	47.42 1.91 0.00	41.80 1.84 0.00	35.14 1.48 0.00	33.01 1.30 0.00	28.86 1.06 0.00
BROOKLYN___ARMY_DRP 323595	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00
BROOME_2_LFGE 323671	33.96 0.24 0.00	29.70 0.15 0.00	27.34 0.05 0.00	28.44 -0.03 0.00	27.88 0.00 0.00	29.10 0.09 0.00	31.69 0.00 0.00	27.07 -0.16 0.06	27.21 -0.11 0.05	22.67 -0.02 0.06	21.73 -0.02 0.09	22.48 -0.05 0.03	22.50 -0.02 0.01	23.57 0.00 0.13	23.94 -0.05 0.15	27.76 -0.03 0.00	32.04 -0.22 0.00	40.25 -0.16 0.00	45.76 -0.05 0.00	45.42 -0.09 0.00	39.76 -0.20 0.00	33.41 -0.20 0.05	31.65 -0.06 0.00	27.78 -0.03 0.00
BROOME___LFGE 323600	33.96 0.24 0.00	29.70 0.15 0.00	27.34 0.05 0.00	28.44 -0.03 0.00	27.88 0.00 0.00	29.10 0.09 0.00	31.69 0.00 0.00	27.07 -0.16 0.06	27.21 -0.11 0.05	22.67 -0.02 0.06	21.73 -0.02 0.09	22.48 -0.05 0.03	22.50 -0.02 0.01	23.57 0.00 0.13	23.94 -0.05 0.15	27.76 -0.03 0.00	32.04 -0.22 0.00	40.25 -0.16 0.00	45.76 -0.05 0.00	45.42 -0.09 0.00	39.76 -0.20 0.00	33.41 -0.20 0.05	31.65 -0.06 0.00	27.78 -0.03 0.00
BROWNFLS_115KV_TB 3_5 80003	34.10 0.37 0.00	35.47 0.24 -5.68	28.86 0.22 -1.35	28.67 0.20 0.00	28.27 0.39 0.00	29.45 0.44 0.00	37.60 0.54 -5.37	33.10 0.44 -5.37	27.69 0.33 0.00	25.15 0.16 -2.24	30.89 0.15 -8.89	27.20 0.11 -4.53	25.00 0.09 -2.38	27.08 0.07 -3.30	31.80 0.12 -7.54	33.24 0.08 -5.37	39.17 0.19 -6.72	40.82 0.40 0.00	55.44 0.87 -8.76	59.17 0.82 -12.84	52.08 0.84 -11.28	45.02 0.81 -10.56	32.35 0.63 0.00	31.64 0.53 -3.31
BROWNSV1_27_KV_LOAD 356125	35.45 1.72 0.00	31.03 1.48 0.00	28.46 1.17 0.00	29.84 1.37 0.00	29.08 1.20 0.00	30.20 1.19 0.00	33.09 1.39 0.00	28.68 1.39 0.00	28.87 1.51 0.00	24.14 1.39 0.00	23.33 1.49 0.00	24.23 1.58 -0.09	24.23 1.60 -0.10	25.68 1.68 -0.29	25.97 1.69 -0.14	29.89 1.86 -0.24	35.20 2.29 -0.65	42.96 2.55 0.00	48.33 2.52 0.00	47.88 2.37 0.00	42.12 2.16 0.00	35.41 1.75 0.00	33.27 1.55 0.00	29.08 1.28 0.00
BURROWS___LYONSDAL 23803	34.00 0.27 0.00	31.28 0.15 -1.59	27.80 0.14 -0.38	28.58 0.11 0.00	28.22 0.33 0.00	29.36 0.35 0.00	33.66 0.48 -1.50	29.12 0.33 -1.50	27.50 0.14 0.00	23.40 0.02 -0.63	24.30 -0.02 -2.48	23.80 -0.02 -1.26	23.13 -0.07 -0.66	24.55 -0.07 -0.92	26.19 -0.05 -2.10	29.20 -0.08 -1.50	34.20 0.06 -1.87	40.70 0.28 0.00	48.94 0.69 -2.44	49.73 0.64 -3.58	43.83 0.72 -3.15	37.21 0.61 -2.94	32.25 0.54 0.00	29.15 0.42 -0.92
CAITHNESS_CC_1 323624	35.28 1.55 0.00	30.61 1.06 0.00	27.86 0.57 0.00	29.07 0.60 0.00	28.30 0.42 0.00	29.39 0.38 0.00	32.74 1.04 0.00	25.94 0.82 2.17	24.11 0.79 4.05	22.11 0.91 1.55	20.18 1.03 2.69	23.87 1.22 -0.09	23.78 1.15 -0.10	25.42 1.42 -0.29	25.82 1.55 -0.14	33.94 1.94 -4.22	37.07 2.42 -2.39	42.48 2.06 0.00	47.55 1.74 0.00	46.51 1.00 0.00	40.92 0.96 0.00	35.27 1.62 0.00	32.89 1.17 0.00	28.69 0.89 0.00
CALPINE BETH_PAGE_GT4 24209	35.65 1.92 0.00	31.00 1.45 0.00	28.27 0.98 0.00	29.52 1.05 0.00	28.75 0.86 0.00	29.86 0.84 0.00	33.18 1.49 0.00	28.63 1.34 0.00	28.71 1.34 0.00	24.09 1.34 0.00	23.29 1.44 0.00	24.27 1.62 -0.09	24.20 1.58 -0.10	25.82 1.83 -0.29	26.16 1.88 -0.14	34.95 1.97 -5.19	37.37 2.29 -2.81	42.48 2.06 0.00	47.78 1.97 0.00	46.74 1.23 0.00	41.20 1.24 0.00	35.48 1.82 0.00	33.11 1.40 0.00	29.00 1.20 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.65 1.92 0.00	31.00 1.45 0.00	28.27 0.98 0.00	29.52 1.05 0.00	28.75 0.87 0.00	29.86 0.84 0.00	33.18 1.49 0.00	28.63 1.34 0.00	28.71 1.34 0.00	24.09 1.34 0.00	23.28 1.44 0.00	24.27 1.63 -0.09	24.20 1.58 -0.10	25.82 1.83 -0.29	26.19 1.91 -0.14	35.06 2.08 -5.19	37.40 2.32 -2.81	42.56 2.14 0.00	47.59 1.78 0.00	46.69 1.18 0.00	41.16 1.20 0.00	35.27 1.62 0.00	33.11 1.39 0.00	29.00 1.19 0.00
CALPINE_BP_GT1 23823	35.65 1.92 0.00	31.00 1.45 0.00	28.27 0.98 0.00	29.52 1.05 0.00	28.75 0.87 0.00	29.86 0.84 0.00	33.18 1.49 0.00	28.63 1.34 0.00	28.71 1.34 0.00	24.09 1.34 0.00	23.28 1.44 0.00	24.27 1.63 -0.09	24.20 1.58 -0.10	25.82 1.83 -0.29	26.19 1.91 -0.14	35.06 2.08 -5.19	37.40 2.32 -2.81	42.56 2.14 0.00	47.59 1.78 0.00	46.69 1.18 0.00	41.16 1.20 0.00	35.27 1.62 0.00	33.11 1.39 0.00	29.00 1.19 0.00
CALSPAN___DRP 24200	33.52 -0.20 0.00	29.02 -0.53 0.00	26.55 -0.74 0.00	27.53 -0.94 0.00	26.94 -0.95 0.00	28.49 -0.52 0.00	30.58 -1.11 0.00	25.46 -1.61 0.23	26.07 -1.12 0.17	22.08 -0.45 0.21	21.09 -0.39 0.36	22.01 -0.43 0.12	22.09 -0.41 0.03	22.93 -0.28 0.48	23.11 -0.46 0.57	26.81 -0.97 0.00	30.52 -1.74 0.00	38.35 -2.06 0.00	42.92 -2.89 0.00	42.91 -2.59 0.00	37.44 -2.52 0.00	31.34 -2.12 0.19	30.41 -1.30 0.00	27.05 -0.75 0.00

CALVERTON___SOLAR 323806	35.31 1.59 0.00	30.61 1.06 0.00	27.86 0.57 0.00	29.07 0.60 0.00	28.27 0.39 0.00	29.36 0.35 0.00	32.71 1.01 0.00	26.02 0.79 2.07	24.22 0.71 3.85	22.11 0.84 1.48	20.25 0.96 2.56	23.80 1.15 -0.09	23.71 1.08 -0.10	25.37 1.37 -0.29	25.78 1.50 -0.14	33.98 1.97 -4.22	37.10 2.45 -2.39	42.56 2.14 0.00	47.69 1.88 0.00	46.65 1.14 0.00	41.00 1.04 0.00	35.31 1.65 0.00	32.89 1.17 0.00	28.72 0.92 0.00
CANDIGU_WT_PWR 323617	33.83 0.10 0.00	29.43 -0.12 0.00	26.99 -0.30 0.00	28.01 -0.46 0.00	27.44 -0.45 0.00	28.84 -0.17 0.00	31.22 -0.47 0.00	26.30 -0.85 0.15	26.32 -0.93 0.11	22.04 -0.57 0.14	21.09 -0.52 0.23	21.90 -0.59 0.08	21.95 -0.56 0.02	22.89 -0.50 0.31	23.14 -0.63 0.37	27.04 -0.75 0.00	30.62 -1.64 0.00	38.64 -1.78 0.00	44.39 -1.42 0.00	44.01 -1.50 0.00	38.40 -1.56 0.00	32.22 -1.31 0.13	30.76 -0.95 0.00	27.14 -0.67 0.00
CARR STREET_E_SYR 24060	33.46 -0.27 0.00	29.52 -0.27 -0.24	27.02 -0.33 -0.06	28.07 -0.40 0.00	27.52 -0.36 0.00	28.70 -0.32 0.00	31.50 -0.41 -0.22	27.00 -0.41 -0.11	26.87 -0.41 0.09	22.40 -0.34 0.01	21.69 -0.35 -0.19	22.33 -0.36 -0.13	22.25 -0.36 -0.08	23.25 -0.35 0.10	23.78 -0.39 -0.03	27.59 -0.42 -0.22	31.86 -0.68 -0.28	39.57 -0.85 0.00	45.39 -0.78 -0.36	45.17 -0.87 -0.53	39.63 -0.80 -0.47	33.40 -0.60 -0.34	31.33 -0.38 0.00	27.58 -0.36 -0.14
CARTHAGE___PAPER 23857	33.99 0.27 0.00	32.13 0.03 -2.55	27.90 0.00 -0.61	28.39 -0.09 0.00	28.08 0.20 0.00	29.25 0.23 0.00	34.45 0.35 -2.41	29.92 0.22 -2.41	27.34 -0.03 0.00	23.57 -0.18 -1.01	25.62 -0.22 -3.99	24.35 -0.25 -2.03	23.28 -0.32 -1.07	24.85 -0.33 -1.48	27.21 -0.31 -3.39	29.78 -0.42 -2.41	35.05 -0.22 -3.02	40.38 -0.04 0.00	50.33 0.59 -3.93	51.86 0.59 -5.76	45.71 0.68 -5.07	39.04 0.64 -4.74	32.19 0.48 0.00	29.65 0.36 -1.49
CASSADAGA_WT_PWR 323784	33.99 0.27 0.00	29.46 -0.09 0.00	26.93 -0.36 0.00	27.73 -0.74 0.00	27.07 -0.81 0.00	28.67 -0.35 0.00	30.93 -0.76 0.00	25.74 -1.34 0.22	26.41 -0.79 0.17	22.46 -0.09 0.20	21.50 0.00 0.34	22.43 -0.02 0.11	22.52 0.02 0.03	23.45 0.21 0.46	23.59 0.00 0.54	27.70 -0.08 0.00	30.94 -1.32 0.00	39.04 -1.37 0.00	44.66 -1.14 0.00	43.96 -1.55 0.00	38.04 -1.92 0.00	31.86 -1.62 0.19	30.60 -1.11 0.00	26.91 -0.89 0.00
CE_DUNWOOD___DRP 24194	35.01 1.28 0.00	30.67 1.12 0.00	28.19 0.90 0.00	29.50 1.02 0.00	28.75 0.86 0.00	29.86 0.84 0.00	32.74 1.05 0.00	28.36 1.06 0.00	28.49 1.12 0.00	23.77 1.02 0.00	22.96 1.11 0.00	23.84 1.20 -0.08	23.84 1.22 -0.10	25.27 1.28 -0.28	25.58 1.30 -0.14	29.47 1.44 -0.24	34.63 1.74 -0.63	42.32 1.90 0.00	47.68 1.88 0.00	47.24 1.73 0.00	41.52 1.56 0.00	34.94 1.28 0.00	32.85 1.14 0.00	28.72 0.92 0.00
CE_MILLWOOD___DRP 24193	34.91 1.18 0.00	30.58 1.03 0.00	28.14 0.85 0.00	29.44 0.97 0.00	28.69 0.81 0.00	29.83 0.81 0.00	32.67 0.98 0.00	28.30 1.01 0.00	28.43 1.07 0.00	23.73 0.98 0.00	22.89 1.05 0.00	23.77 1.13 -0.08	23.77 1.15 -0.09	25.18 1.21 -0.27	25.47 1.21 -0.13	29.37 1.36 -0.23	34.51 1.65 -0.60	42.23 1.82 0.00	47.59 1.79 0.00	47.15 1.64 0.00	41.44 1.48 0.00	34.87 1.21 0.00	32.79 1.08 0.00	28.67 0.86 0.00
CE_NYC2_DRP 24202	35.31 1.59 0.00	30.91 1.36 0.00	28.35 1.06 0.00	29.69 1.22 0.00	28.97 1.09 0.00	30.06 1.04 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.98 1.23 0.00	23.20 1.35 0.00	24.09 1.44 -0.09	24.09 1.46 -0.10	25.51 1.52 -0.29	25.80 1.52 -0.14	29.64 1.61 -0.25	34.91 2.00 -0.65	42.60 2.18 0.00	47.96 2.15 0.00	47.47 1.96 0.00	41.76 1.80 0.00	35.14 1.48 0.00	33.04 1.33 0.00	28.97 1.17 0.00
CE_NYC_DRP 24195	35.24 1.52 0.00	30.85 1.30 0.00	28.33 1.04 0.00	29.67 1.20 0.00	28.92 1.03 0.00	30.03 1.02 0.00	32.90 1.20 0.00	28.55 1.26 0.00	28.71 1.34 0.00	23.98 1.23 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.51 1.52 -0.29	25.80 1.52 -0.14	29.72 1.69 -0.24	34.98 2.06 -0.65	42.68 2.26 0.00	48.01 2.20 0.00	47.51 2.00 0.00	41.84 1.88 0.00	35.17 1.51 0.00	33.04 1.33 0.00	28.92 1.11 0.00
CHAFFEE___LFGE 323603	33.56 -0.17 0.00	29.05 -0.50 0.00	26.55 -0.74 0.00	27.56 -0.91 0.00	26.94 -0.95 0.00	28.52 -0.49 0.00	30.65 -1.05 0.00	25.49 -1.58 0.22	26.10 -1.10 0.17	22.11 -0.43 0.20	21.12 -0.37 0.35	22.04 -0.41 0.11	22.12 -0.38 0.03	22.97 -0.26 0.47	23.12 -0.46 0.55	27.09 -0.69 0.00	30.16 -2.10 0.00	38.03 -2.38 0.00	43.65 -2.15 0.00	43.14 -2.37 0.00	37.57 -2.40 0.00	31.55 -1.92 0.19	30.48 -1.24 0.00	27.06 -0.75 0.00
CHATEAUG_35_KV_LOAD 355732	34.64 0.91 0.00	31.62 0.83 -1.24	28.38 0.79 -0.29	29.32 0.85 0.00	28.75 0.86 0.00	30.00 0.99 0.00	33.94 1.08 -1.17	29.47 1.01 -1.17	28.49 1.12 0.00	24.17 0.93 -0.49	24.70 0.92 -1.94	24.47 0.92 -0.99	23.95 0.90 -0.52	25.35 0.92 -0.72	26.77 0.99 -1.65	30.09 1.14 -1.17	35.08 1.35 -1.47	42.07 1.66 0.00	50.01 2.29 -1.91	50.59 2.28 -2.80	44.34 1.92 -2.46	37.48 1.51 -2.30	32.95 1.24 0.00	29.64 1.11 -0.72
CHATEAUG_WT_PWR 323614	34.64 0.91 0.00	30.86 0.83 -0.48	28.20 0.79 -0.11	29.32 0.85 0.00	28.75 0.87 0.00	30.00 0.99 0.00	33.22 1.08 -0.45	28.76 1.01 -0.45	28.46 1.10 0.00	23.85 0.91 -0.19	23.49 0.90 -0.75	23.85 0.90 -0.38	23.63 0.90 -0.20	24.88 0.90 -0.28	25.76 0.99 -0.64	29.32 1.08 -0.45	34.15 1.32 -0.57	42.03 1.62 0.00	48.79 2.24 -0.74	48.78 2.18 -1.09	42.76 1.84 -0.96	36.03 1.48 -0.89	32.92 1.20 0.00	29.14 1.06 -0.28
CHAT_HIGH_FALL_HYD 323578	34.64 0.91 0.00	31.62 0.83 -1.24	28.38 0.79 -0.29	29.32 0.85 0.00	28.75 0.86 0.00	30.00 0.99 0.00	33.94 1.08 -1.17	29.47 1.01 -1.17	28.49 1.12 0.00	24.17 0.93 -0.49	24.70 0.92 -1.94	24.47 0.92 -0.99	23.95 0.90 -0.52	25.35 0.92 -0.72	26.77 0.99 -1.65	30.09 1.14 -1.17	35.08 1.35 -1.47	42.07 1.66 0.00	50.01 2.29 -1.91	50.59 2.28 -2.80	44.34 1.92 -2.46	37.48 1.51 -2.30	32.95 1.24 0.00	29.64 1.11 -0.72
CHAUTAUQUA___LFGE 323629	33.83 0.10 0.00	29.31 -0.24 0.00	26.80 -0.49 0.00	27.70 -0.77 0.00	27.07 -0.81 0.00	28.67 -0.35 0.00	30.87 -0.82 0.00	25.71 -1.36 0.22	26.32 -0.88 0.17	22.34 -0.21 0.20	21.39 -0.11 0.35	22.31 -0.13 0.11	22.41 -0.09 0.03	23.28 0.05 0.47	23.44 -0.14 0.55	27.51 -0.28 0.00	30.68 -1.58 0.00	38.72 -1.70 0.00	44.34 -1.47 0.00	43.73 -1.78 0.00	37.96 -2.00 0.00	31.79 -1.68 0.19	30.60 -1.11 0.00	27.06 -0.75 0.00
CHERRYST_13_KV_LD 356241	35.31 1.59 0.00	30.91 1.36 0.00	28.38 1.09 0.00	29.75 1.28 0.00	28.97 1.09 0.00	30.12 1.10 0.00	32.99 1.30 0.00	28.60 1.31 0.00	28.79 1.42 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.14 1.49 -0.09	24.14 1.51 -0.10	25.58 1.59 -0.29	25.87 1.59 -0.14	29.81 1.78 -0.24	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.92 1.96 0.00	35.27 1.62 0.00	33.14 1.43 0.00	29.00 1.20 0.00

CHESTROR_138KV_BK263 355645	34.57 0.84 0.00	30.32 0.77 0.00	27.92 0.63 0.00	29.24 0.77 0.00	28.52 0.64 0.00	29.65 0.64 0.00	32.42 0.73 0.00	28.03 0.74 0.00	28.16 0.79 0.00	23.45 0.71 0.00	22.59 0.74 0.00	23.45 0.81 -0.08	23.43 0.81 -0.09	24.84 0.88 -0.26	25.13 0.87 -0.12	29.00 1.00 -0.22	34.06 1.23 -0.57	41.79 1.37 0.00	47.18 1.37 0.00	46.78 1.27 0.00	41.12 1.16 0.00	34.57 0.91 0.00	32.51 0.79 0.00	28.47 0.67 0.00
CH_MIDHUDSON___DRP 24192	34.81 1.08 0.00	30.55 1.00 0.00	28.14 0.85 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.58 0.89 0.00	28.19 0.90 0.00	28.30 0.93 0.00	23.54 0.80 0.00	22.67 0.83 0.00	23.52 0.90 -0.06	23.52 0.92 -0.06	24.86 0.97 -0.19	25.22 0.99 -0.09	29.05 1.11 -0.16	34.04 1.35 -0.42	41.99 1.58 0.00	47.46 1.65 0.00	47.06 1.55 0.00	41.32 1.36 0.00	34.77 1.11 0.00	32.70 0.98 0.00	28.64 0.83 0.00
CH_MISC_IPPS 23765	34.97 1.25 0.00	30.67 1.12 0.00	28.22 0.93 0.00	29.55 1.08 0.00	28.78 0.89 0.00	29.94 0.93 0.00	32.71 1.01 0.00	28.27 0.98 0.00	28.38 1.01 0.00	23.61 0.86 0.00	22.74 0.90 0.00	23.58 0.95 -0.07	23.58 0.97 -0.08	24.96 1.02 -0.24	25.32 1.06 -0.12	29.18 1.19 -0.20	34.32 1.52 -0.54	42.24 1.82 0.00	47.59 1.78 0.00	47.33 1.82 0.00	41.56 1.60 0.00	34.87 1.21 0.00	32.85 1.14 0.00	28.78 0.97 0.00
CH_RES_BVR_FALLS 23983	33.56 -0.17 0.00	29.11 -0.15 0.29	27.11 -0.11 0.07	28.39 -0.09 0.00	27.83 -0.06 0.00	28.99 -0.03 0.00	31.42 0.00 0.28	27.04 0.03 0.28	27.42 0.05 0.00	22.70 0.07 0.12	21.45 0.07 0.46	22.40 0.07 0.23	22.47 0.07 0.12	23.58 0.05 0.17	23.82 0.07 0.39	27.56 0.06 0.28	32.01 0.10 0.34	40.54 0.12 0.00	45.49 0.14 0.45	44.94 0.09 0.66	39.42 0.04 0.58	33.18 0.07 0.54	31.71 0.00 0.00	27.61 -0.03 0.17
CH_RES_NIAGARA 23895	32.58 -1.15 0.00	28.22 -1.33 0.00	25.82 -1.47 0.00	26.79 -1.68 0.00	26.21 -1.67 0.00	27.71 -1.31 0.00	29.60 -2.09 0.00	24.68 -2.37 0.24	25.35 -1.83 0.19	21.52 -1.00 0.22	20.54 -0.92 0.38	21.47 -0.97 0.12	21.55 -0.95 0.03	22.33 -0.85 0.52	22.49 -1.04 0.61	26.06 -1.72 0.00	29.55 -2.71 0.00	37.06 -3.35 0.00	41.32 -4.49 0.00	41.46 -4.05 0.00	36.29 -3.68 0.00	30.39 -3.06 0.21	29.65 -2.06 0.00	26.44 -1.36 0.00
CH_RES_SYRACUSE 23985	33.59 -0.13 0.00	29.61 -0.15 -0.21	27.15 -0.19 -0.05	28.21 -0.26 0.00	27.66 -0.22 0.00	28.84 -0.17 0.00	31.63 -0.25 -0.19	27.21 -0.27 -0.19	27.09 -0.27 0.00	22.58 -0.25 -0.08	21.88 -0.28 -0.32	22.43 -0.29 -0.16	22.32 -0.29 -0.09	23.54 -0.28 -0.12	24.09 -0.31 -0.27	27.67 -0.31 -0.19	32.05 -0.45 -0.24	39.97 -0.44 0.00	45.80 -0.32 -0.32	45.56 -0.46 -0.46	39.97 -0.40 -0.41	33.70 -0.34 -0.38	31.49 -0.22 0.00	27.70 -0.22 -0.12
CLINTON_WT_PWR 323605	34.64 0.91 0.00	30.86 0.83 -0.48	28.20 0.79 -0.11	29.32 0.85 0.00	28.75 0.87 0.00	30.00 0.99 0.00	33.22 1.08 -0.45	28.76 1.01 -0.45	28.46 1.10 0.00	23.85 0.91 -0.19	23.49 0.90 -0.75	23.85 0.90 -0.38	23.63 0.90 -0.20	24.88 0.90 -0.28	25.76 0.99 -0.64	29.32 1.08 -0.45	34.15 1.32 -0.57	42.03 1.62 0.00	48.79 2.24 -0.74	48.78 2.18 -1.09	42.76 1.84 -0.96	36.03 1.48 -0.89	32.92 1.20 0.00	29.14 1.06 -0.28
CLINTON___LFGE 323618	35.25 1.52 0.00	31.69 1.39 -0.75	28.78 1.31 -0.18	29.87 1.39 0.00	29.28 1.39 0.00	30.55 1.54 0.00	34.11 1.71 -0.70	29.55 1.55 -0.70	29.06 1.70 0.00	24.48 1.43 -0.29	24.41 1.40 -1.17	24.55 1.40 -0.60	24.24 1.40 -0.31	25.56 1.42 -0.43	26.65 1.52 -0.99	30.18 1.70 -0.70	35.21 2.07 -0.88	43.00 2.59 0.00	50.53 3.58 -1.15	50.65 3.46 -1.69	44.36 2.92 -1.48	37.37 2.32 -1.39	33.65 1.93 0.00	29.96 1.72 -0.43
COBBLENY_34_KV_TB1 80064	33.56 -0.17 0.00	29.05 -0.50 0.00	26.55 -0.74 0.00	27.56 -0.91 0.00	26.94 -0.95 0.00	28.49 -0.52 0.00	30.61 -1.08 0.00	25.49 -1.58 0.22	26.10 -1.09 0.17	22.11 -0.43 0.20	21.12 -0.37 0.35	22.04 -0.41 0.11	22.12 -0.38 0.03	22.97 -0.26 0.47	23.15 -0.43 0.55	26.84 -0.94 0.00	30.58 -1.68 0.00	38.44 -1.98 0.00	43.06 -2.75 0.00	43.05 -2.46 0.00	37.56 -2.40 0.00	31.42 -2.05 0.19	30.48 -1.24 0.00	27.05 -0.75 0.00
COFFEEN___115KV_TB3 355620	34.20 0.47 0.00	31.72 0.06 -2.11	27.76 -0.03 -0.50	28.33 -0.14 0.00	28.00 0.11 0.00	29.19 0.17 0.00	34.00 0.32 -1.99	29.39 0.11 -1.99	27.15 -0.22 0.00	23.22 -0.36 -0.83	24.72 -0.42 -3.30	23.79 -0.45 -1.68	22.92 -0.50 -0.88	24.38 -0.55 -1.22	26.40 -0.53 -2.80	29.19 -0.58 -1.99	34.36 -0.39 -2.49	40.29 -0.12 0.00	49.65 0.60 -3.25	51.00 0.73 -4.76	44.86 0.72 -4.18	38.18 0.61 -3.91	32.19 0.48 0.00	29.37 0.33 -1.23
COLDSPRG_115KV_BK1 355956	34.06 0.34 0.00	29.55 0.00 0.00	26.99 -0.30 0.00	27.90 -0.57 0.00	27.27 -0.61 0.00	28.93 -0.09 0.00	31.25 -0.44 0.00	25.96 -1.12 0.21	26.63 -0.57 0.16	22.58 0.02 0.19	21.60 0.09 0.33	22.50 0.05 0.11	22.59 0.09 0.03	23.52 0.26 0.45	23.68 0.07 0.53	27.53 -0.25 0.00	31.45 -0.81 0.00	39.65 -0.77 0.00	44.43 -1.37 0.00	44.28 -1.23 0.00	38.36 -1.60 0.00	32.03 -1.45 0.18	30.92 -0.79 0.00	27.22 -0.58 0.00
COLONIE_LFGE___ 323577	34.26 0.54 0.00	30.08 0.53 0.00	27.81 0.52 0.00	28.98 0.51 0.00	28.39 0.50 0.00	29.48 0.46 0.00	32.23 0.54 0.00	27.78 0.49 0.00	27.83 0.46 0.00	23.04 0.29 0.00	22.06 0.22 0.00	22.70 0.20 0.07	22.63 0.18 0.07	23.67 0.19 0.22	24.20 0.17 0.11	27.88 0.28 0.19	32.15 0.39 0.50	41.02 0.61 0.00	46.45 0.64 0.00	46.23 0.73 0.00	40.64 0.68 0.00	34.33 0.67 0.00	32.28 0.57 0.00	28.33 0.53 0.00
COOPERNY_115KV_TB1 80082	34.30 0.57 0.00	30.08 0.53 0.00	27.73 0.44 0.00	29.01 0.54 0.00	28.33 0.45 0.00	29.45 0.44 0.00	32.20 0.51 0.00	27.81 0.52 0.00	27.91 0.55 0.00	23.23 0.48 0.00	22.37 0.52 0.00	23.18 0.56 -0.05	23.17 0.59 -0.06	24.50 0.62 -0.18	24.85 0.63 -0.09	28.63 0.69 -0.15	33.50 0.84 -0.40	41.35 0.93 0.00	46.72 0.92 0.00	46.37 0.86 0.00	40.72 0.76 0.00	34.30 0.64 0.00	32.25 0.54 0.00	28.25 0.44 0.00
COPENHAGEN_WT_PWR 323753	34.03 0.30 0.00	31.51 -0.03 -1.99	27.68 -0.08 -0.47	28.30 -0.17 0.00	27.94 0.06 0.00	29.10 0.09 0.00	33.76 0.19 -1.88	29.20 0.03 -1.88	27.15 -0.22 0.00	23.19 -0.34 -0.78	24.58 -0.37 -3.11	23.72 -0.43 -1.59	22.89 -0.47 -0.83	24.36 -0.50 -1.15	26.29 -0.48 -2.64	29.11 -0.56 -1.88	34.19 -0.42 -2.35	40.17 -0.24 0.00	49.28 0.41 -3.06	50.45 0.46 -4.49	44.39 0.48 -3.95	37.79 0.44 -3.69	32.06 0.35 0.00	29.18 0.22 -1.16
CORNELL_____ 23752	34.27 0.54 0.00	29.99 0.44 0.00	27.59 0.30 0.00	28.70 0.23 0.00	28.16 0.28 0.00	29.36 0.35 0.00	32.04 0.35 0.00	27.40 0.16 0.06	27.49 0.16 0.04	22.76 0.07 0.05	21.77 0.02 0.09	22.53 0.00 0.03	22.52 0.00 0.01	23.58 0.00 0.12	23.99 0.00 0.14	27.81 0.03 0.00	32.39 0.13 0.00	40.82 0.40 0.00	46.45 0.64 0.00	46.15 0.64 0.00	40.40 0.44 0.00	33.91 0.30 0.05	32.13 0.41 0.00	28.11 0.31 0.00

CORONA V_69 KV_TB1 355595	35.68 1.96 0.00	31.06 1.51 0.00	28.38 1.09 0.00	29.64 1.17 0.00	28.86 0.98 0.00	29.97 0.96 0.00	33.24 1.55 0.00	28.74 1.45 0.00	28.79 1.42 0.00	24.16 1.41 0.00	23.35 1.51 0.00	24.34 1.69 -0.09	24.27 1.64 -0.10	25.85 1.85 -0.29	26.19 1.91 -0.14	37.24 2.08 -7.37	38.45 2.42 -3.76	42.84 2.42 0.00	48.19 2.38 0.00	47.24 1.73 0.00	41.60 1.64 0.00	35.58 1.92 0.00	33.24 1.52 0.00	29.08 1.28 0.00
CORTLAND_115KV_TB3 80093	34.00 0.27 0.00	29.95 0.21 -0.20	27.45 0.11 -0.05	28.53 0.06 0.00	27.97 0.08 0.00	29.16 0.15 0.00	31.97 0.10 -0.19	27.48 0.00 -0.19	27.34 -0.03 0.00	22.78 -0.05 -0.08	22.09 -0.07 -0.31	22.63 -0.09 -0.16	22.52 -0.09 -0.08	23.75 -0.07 -0.11	24.30 -0.10 -0.26	27.89 -0.08 -0.19	32.40 -0.10 -0.23	40.46 0.04 0.00	46.25 0.14 -0.30	46.14 0.18 -0.45	40.43 0.08 -0.39	34.03 0.00 -0.37	31.84 0.13 0.00	28.00 0.08 -0.12
COXSACKIE__GT 23611	34.77 1.05 0.00	30.58 1.03 0.00	28.27 0.98 0.00	29.47 1.00 0.00	28.83 0.95 0.00	30.03 1.01 0.00	32.51 0.82 0.00	27.92 0.63 0.00	27.80 0.44 0.00	22.82 0.07 0.00	21.76 -0.09 0.00	22.57 0.02 0.02	22.56 0.05 0.05	23.70 0.05 0.05	24.16 0.05 0.03	27.96 0.22 0.04	32.75 0.61 0.12	41.43 1.01 0.00	47.32 1.51 0.00	47.19 1.68 0.00	41.36 1.40 0.00	34.67 1.01 0.00	32.70 0.98 0.00	28.78 0.97 0.00
CPV_VALLEY__CC1 323721	34.33 0.61 0.00	30.14 0.59 0.00	27.75 0.46 0.00	29.04 0.57 0.00	28.36 0.47 0.00	29.45 0.44 0.00	32.23 0.54 0.00	27.87 0.57 0.00	28.00 0.63 0.00	23.32 0.57 0.00	22.48 0.63 0.00	23.31 0.68 -0.07	23.28 0.68 -0.08	24.68 0.74 -0.24	25.00 0.75 -0.12	28.82 0.83 -0.20	33.82 1.03 -0.53	41.55 1.13 0.00	46.77 0.96 0.00	46.47 0.96 0.00	40.80 0.84 0.00	34.33 0.67 0.00	32.31 0.60 0.00	28.28 0.47 0.00
CPV_VALLEY__CC2 323722	34.33 0.61 0.00	30.14 0.59 0.00	27.75 0.46 0.00	29.04 0.57 0.00	28.36 0.47 0.00	29.45 0.44 0.00	32.23 0.54 0.00	27.87 0.57 0.00	28.00 0.63 0.00	23.32 0.57 0.00	22.48 0.63 0.00	23.31 0.68 -0.07	23.28 0.68 -0.08	24.68 0.74 -0.24	25.00 0.75 -0.12	28.82 0.83 -0.20	33.82 1.03 -0.53	41.55 1.13 0.00	46.77 0.96 0.00	46.47 0.96 0.00	40.80 0.84 0.00	34.33 0.67 0.00	32.31 0.60 0.00	28.28 0.47 0.00
CRESCENT__HYD 24018	34.26 0.54 0.00	30.08 0.53 0.00	27.81 0.52 0.00	28.98 0.51 0.00	28.39 0.50 0.00	29.48 0.46 0.00	32.23 0.54 0.00	27.78 0.49 0.00	27.83 0.46 0.00	23.04 0.29 0.00	22.06 0.22 0.00	22.70 0.20 0.07	22.63 0.18 0.07	23.67 0.19 0.22	24.20 0.17 0.11	27.88 0.28 0.19	32.15 0.39 0.50	41.02 0.61 0.00	46.45 0.64 0.00	46.23 0.73 0.00	40.64 0.68 0.00	34.33 0.67 0.00	32.28 0.57 0.00	28.33 0.53 0.00
CRICKET__VALLEY_CC1 323756	34.33 0.61 0.00	30.14 0.59 0.00	27.78 0.49 0.00	29.01 0.54 0.00	28.33 0.44 0.00	29.39 0.38 0.00	32.23 0.54 0.00	27.95 0.65 0.00	28.00 0.63 0.00	23.29 0.55 0.00	22.41 0.57 0.00	22.48 0.63 0.72	22.35 0.63 0.80	21.97 0.66 2.40	23.65 0.67 1.16	26.55 0.78 2.01	27.89 0.97 5.34	41.51 1.09 0.00	46.67 0.87 0.00	46.42 0.91 0.00	40.80 0.84 0.00	34.40 0.74 0.00	32.35 0.63 0.00	28.33 0.53 0.00
CRICKET__VALLEY_CC2 323757	34.33 0.61 0.00	30.14 0.59 0.00	27.78 0.49 0.00	29.01 0.54 0.00	28.33 0.44 0.00	29.39 0.38 0.00	32.23 0.54 0.00	27.95 0.65 0.00	28.00 0.63 0.00	23.29 0.55 0.00	22.41 0.57 0.00	22.48 0.63 0.72	22.35 0.63 0.80	21.97 0.66 2.40	23.65 0.67 1.16	26.55 0.78 2.01	27.89 0.97 5.34	41.51 1.09 0.00	46.67 0.87 0.00	46.42 0.91 0.00	40.80 0.84 0.00	34.40 0.74 0.00	32.35 0.63 0.00	28.33 0.53 0.00
CRICKET__VALLEY_CC3 323758	34.33 0.61 0.00	30.14 0.59 0.00	27.78 0.49 0.00	29.01 0.54 0.00	28.33 0.44 0.00	29.39 0.38 0.00	32.23 0.54 0.00	27.95 0.65 0.00	28.00 0.63 0.00	23.29 0.55 0.00	22.41 0.57 0.00	22.48 0.63 0.72	22.35 0.63 0.80	21.97 0.66 2.40	23.65 0.67 1.16	26.55 0.78 2.01	27.89 0.97 5.34	41.51 1.09 0.00	46.67 0.87 0.00	46.42 0.91 0.00	40.80 0.84 0.00	34.40 0.74 0.00	32.35 0.63 0.00	28.33 0.53 0.00
CRUCIBLE_METL_DRP 24180	33.59 -0.13 0.00	29.61 -0.15 -0.21	27.15 -0.19 -0.05	28.21 -0.26 0.00	27.66 -0.22 0.00	28.84 -0.17 0.00	31.63 -0.25 -0.19	27.21 -0.27 -0.19	27.09 -0.27 0.00	22.58 -0.25 -0.08	21.88 -0.28 -0.32	22.43 -0.29 -0.16	22.32 -0.29 -0.09	23.54 -0.28 -0.12	24.10 -0.31 -0.27	27.64 -0.33 -0.19	32.08 -0.42 -0.24	40.01 -0.40 0.00	45.76 -0.37 -0.32	45.56 -0.41 -0.46	39.97 -0.40 -0.41	33.67 -0.37 -0.38	31.49 -0.22 0.00	27.70 -0.22 -0.12
DAHOWA__HYDRO 323763	34.53 0.81 0.00	30.32 0.77 0.00	28.03 0.74 0.00	29.24 0.77 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.48 0.79 0.00	27.89 0.60 0.00	28.13 0.77 0.00	23.16 0.41 0.00	21.98 0.13 0.00	22.57 0.07 0.06	22.49 0.02 0.06	23.52 0.00 0.18	24.00 -0.05 0.09	27.80 0.17 0.15	31.88 0.03 0.41	40.98 0.57 0.00	46.67 0.87 0.00	46.65 1.14 0.00	41.00 1.04 0.00	34.57 0.91 0.00	32.54 0.82 0.00	28.53 0.72 0.00
DANC__LFGE 323619	33.69 -0.03 0.00	30.68 -0.21 -1.34	27.36 -0.25 -0.32	28.13 -0.34 0.00	27.69 -0.19 0.00	28.87 -0.14 0.00	32.83 -0.13 -1.26	28.34 -0.22 -1.26	26.98 -0.38 0.00	22.87 -0.41 -0.53	23.50 -0.44 -2.09	23.15 -0.47 -1.07	22.59 -0.50 -0.56	23.96 -0.52 -0.78	25.38 -0.53 -1.77	28.43 -0.61 -1.26	33.23 -0.61 -1.58	39.85 -0.57 0.00	47.73 -0.14 -2.06	48.39 -0.14 -3.02	42.57 -0.04 -2.65	36.14 0.00 -2.48	31.68 -0.03 0.00	28.53 -0.06 -0.78
DANSKAMMER__1 23586	34.97 1.25 0.00	30.67 1.12 0.00	28.22 0.93 0.00	29.55 1.08 0.00	28.78 0.89 0.00	29.94 0.93 0.00	32.71 1.01 0.00	28.27 0.98 0.00	28.38 1.01 0.00	23.61 0.86 0.00	22.74 0.90 0.00	23.58 0.95 -0.07	23.58 0.97 -0.08	24.96 1.02 -0.24	25.32 1.06 -0.12	29.18 1.19 -0.20	34.32 1.52 -0.54	42.24 1.82 0.00	47.59 1.78 0.00	47.33 1.82 0.00	41.56 1.60 0.00	34.87 1.21 0.00	32.85 1.14 0.00	28.78 0.97 0.00
DANSKAMMER__2 23589	34.97 1.25 0.00	30.67 1.12 0.00	28.22 0.93 0.00	29.55 1.08 0.00	28.78 0.89 0.00	29.94 0.93 0.00	32.71 1.01 0.00	28.27 0.98 0.00	28.38 1.01 0.00	23.61 0.86 0.00	22.74 0.90 0.00	23.58 0.95 -0.07	23.58 0.97 -0.08	24.96 1.02 -0.24	25.32 1.06 -0.12	29.18 1.19 -0.20	34.32 1.52 -0.54	42.24 1.82 0.00	47.59 1.78 0.00	47.33 1.82 0.00	41.56 1.60 0.00	34.87 1.21 0.00	32.85 1.14 0.00	28.78 0.97 0.00
DANSKAMMER__3 23590	34.97 1.25 0.00	30.67 1.12 0.00	28.22 0.93 0.00	29.55 1.08 0.00	28.78 0.89 0.00	29.94 0.93 0.00	32.71 1.01 0.00	28.27 0.98 0.00	28.38 1.01 0.00	23.61 0.86 0.00	22.74 0.90 0.00	23.58 0.95 -0.07	23.58 0.97 -0.08	24.96 1.02 -0.24	25.32 1.06 -0.12	29.18 1.19 -0.20	34.32 1.52 -0.54	42.24 1.82 0.00	47.59 1.78 0.00	47.33 1.82 0.00	41.56 1.60 0.00	34.87 1.21 0.00	32.85 1.14 0.00	28.78 0.97 0.00

DANSKAMMER___4 23591	34.97 1.25 0.00	30.67 1.12 0.00	28.22 0.93 0.00	29.55 1.08 0.00	28.78 0.89 0.00	29.94 0.93 0.00	32.71 1.01 0.00	28.27 0.98 0.00	28.38 1.01 0.00	23.61 0.86 0.00	22.74 0.90 0.00	23.58 0.95 -0.07	23.58 0.97 -0.08	24.96 1.02 -0.24	25.32 1.06 -0.12	29.18 1.19 -0.20	34.32 1.52 -0.54	42.24 1.82 0.00	47.59 1.78 0.00	47.33 1.82 0.00	41.56 1.60 0.00	34.87 1.21 0.00	32.85 1.14 0.00	28.78 0.97 0.00
DANSKAMMER___DIESEL 23592	34.97 1.25 0.00	30.67 1.12 0.00	28.22 0.93 0.00	29.55 1.08 0.00	28.78 0.89 0.00	29.94 0.93 0.00	32.71 1.01 0.00	28.28 0.98 0.00	28.38 1.01 0.00	23.61 0.86 0.00	22.74 0.90 0.00	23.58 0.95 -0.07	23.58 0.97 -0.08	24.97 1.02 -0.24	25.29 1.04 -0.12	29.18 1.19 -0.20	34.29 1.48 -0.54	42.19 1.78 0.00	47.68 1.88 0.00	47.33 1.82 0.00	41.56 1.60 0.00	34.90 1.25 0.00	32.85 1.14 0.00	28.78 0.97 0.00
DARBY___SOLAR 323810	34.47 0.74 0.00	30.26 0.71 0.00	27.97 0.68 0.00	29.18 0.71 0.00	28.61 0.72 0.00	29.71 0.70 0.00	32.42 0.73 0.00	27.87 0.57 0.00	28.05 0.68 0.00	23.11 0.36 0.00	21.98 0.13 0.00	22.57 0.07 0.06	22.46 0.00 0.06	23.51 0.00 0.19	24.00 -0.05 0.09	27.76 0.14 0.16	31.93 0.10 0.43	40.98 0.57 0.00	46.63 0.83 0.00	46.56 1.05 0.00	40.92 0.96 0.00	34.50 0.84 0.00	32.47 0.76 0.00	28.47 0.67 0.00
DASHVILLE___HYD 23610	34.77 1.05 0.00	30.50 0.95 0.00	28.08 0.79 0.00	29.38 0.91 0.00	28.64 0.75 0.00	29.74 0.73 0.00	32.45 0.76 0.00	28.06 0.76 0.00	28.13 0.77 0.00	23.41 0.66 0.00	22.52 0.68 0.00	23.53 0.92 -0.04	23.52 0.95 -0.05	24.84 1.00 -0.14	25.22 1.01 -0.07	29.07 1.17 -0.11	34.02 1.45 -0.31	41.79 1.37 0.00	47.23 1.42 0.00	46.92 1.41 0.00	41.16 1.20 0.00	34.57 0.91 0.00	32.57 0.86 0.00	28.56 0.75 0.00
DELAWARE___LFGE 323621	34.37 0.64 0.00	30.11 0.56 0.00	27.81 0.52 0.00	29.01 0.54 0.00	28.39 0.50 0.00	29.48 0.46 0.00	32.20 0.51 0.00	27.70 0.41 0.00	27.72 0.36 0.00	23.02 0.27 0.00	22.13 0.28 0.00	22.86 0.29 -0.01	22.83 0.29 -0.01	24.04 0.31 -0.03	24.47 0.31 -0.02	28.17 0.36 -0.03	32.82 0.48 -0.07	41.06 0.65 0.00	46.59 0.78 0.00	46.33 0.82 0.00	40.68 0.72 0.00	34.23 0.57 0.00	32.25 0.54 0.00	28.25 0.44 0.00
DERFIELD_115KV_TB7 355931	33.76 0.03 0.00	29.77 0.03 -0.20	27.36 0.03 -0.05	28.50 0.03 0.00	27.91 0.03 0.00	29.01 0.00 0.00	31.88 0.00 -0.19	27.48 0.00 -0.19	27.34 -0.03 0.00	22.80 -0.02 -0.08	22.13 -0.02 -0.31	22.69 -0.02 -0.16	22.59 -0.02 -0.08	23.79 -0.02 -0.11	24.37 -0.02 -0.26	27.94 -0.03 -0.19	32.49 0.00 -0.23	40.42 0.00 0.00	46.11 0.00 -0.30	45.95 0.00 -0.44	40.35 0.00 -0.39	34.02 0.00 -0.36	31.71 0.00 0.00	27.92 0.00 -0.11
DOGLEVILLE___HYD 23807	33.93 0.20 0.00	29.92 0.18 -0.20	27.50 0.16 -0.05	28.61 0.14 0.00	28.05 0.17 0.00	29.16 0.15 0.00	32.10 0.22 -0.19	27.61 0.14 -0.19	27.45 0.08 0.00	22.89 0.07 -0.08	22.22 0.07 -0.31	22.81 0.09 -0.16	22.70 0.09 -0.08	23.91 0.09 -0.11	24.47 0.07 -0.26	28.08 0.11 -0.19	32.69 0.19 -0.23	40.74 0.32 0.00	46.47 0.37 -0.30	46.36 0.41 -0.44	40.63 0.28 -0.39	34.22 0.20 -0.36	31.81 0.10 0.00	27.92 0.00 -0.11
DUNKIRK__115KV_TB_200 55889	33.79 0.07 0.00	29.28 -0.27 0.00	26.77 -0.52 0.00	27.70 -0.77 0.00	27.07 -0.81 0.00	28.67 -0.35 0.00	30.87 -0.82 0.00	25.71 -1.36 0.22	26.32 -0.88 0.17	22.32 -0.23 0.20	21.36 -0.13 0.35	22.29 -0.16 0.11	22.36 -0.14 0.03	23.26 0.02 0.47	23.44 -0.14 0.55	27.23 -0.56 0.00	31.00 -1.26 0.00	39.04 -1.37 0.00	43.70 -2.11 0.00	43.60 -1.91 0.00	37.88 -2.08 0.00	31.65 -1.82 0.19	30.63 -1.08 0.00	27.08 -0.72 0.00
DUNKIRK___1 23563	33.79 0.07 0.00	29.28 -0.27 0.00	26.77 -0.52 0.00	27.70 -0.77 0.00	27.07 -0.81 0.00	28.67 -0.35 0.00	30.87 -0.82 0.00	25.71 -1.36 0.22	26.32 -0.88 0.17	22.32 -0.23 0.20	21.36 -0.13 0.35	22.29 -0.16 0.11	22.36 -0.14 0.03	23.26 0.02 0.47	23.44 -0.14 0.55	27.23 -0.56 0.00	31.00 -1.26 0.00	39.04 -1.37 0.00	43.70 -2.11 0.00	43.60 -1.91 0.00	37.88 -2.08 0.00	31.65 -1.82 0.19	30.63 -1.08 0.00	27.08 -0.72 0.00
DUNKIRK___2 23564	33.79 0.07 0.00	29.28 -0.27 0.00	26.77 -0.52 0.00	27.70 -0.77 0.00	27.07 -0.81 0.00	28.67 -0.35 0.00	30.87 -0.82 0.00	25.71 -1.36 0.22	26.32 -0.88 0.17	22.32 -0.23 0.20	21.36 -0.13 0.35	22.29 -0.16 0.11	22.36 -0.14 0.03	23.26 0.02 0.47	23.44 -0.14 0.55	27.23 -0.56 0.00	31.00 -1.26 0.00	39.04 -1.37 0.00	43.70 -2.11 0.00	43.60 -1.91 0.00	37.88 -2.08 0.00	31.65 -1.82 0.19	30.63 -1.08 0.00	27.08 -0.72 0.00
DUNKIRK___3 23565	33.66 -0.07 0.00	29.17 -0.38 0.00	26.66 -0.63 0.00	27.62 -0.85 0.00	26.99 -0.89 0.00	28.58 -0.44 0.00	30.74 -0.95 0.00	25.60 -1.47 0.22	26.21 -0.99 0.17	22.20 -0.34 0.21	21.23 -0.26 0.35	22.15 -0.29 0.11	22.25 -0.25 0.03	23.11 -0.12 0.47	23.29 -0.29 0.56	27.06 -0.72 0.00	30.81 -1.45 0.00	38.76 -1.66 0.00	43.42 -2.38 0.00	43.37 -2.14 0.00	37.72 -2.24 0.00	31.52 -1.95 0.19	30.54 -1.17 0.00	27.03 -0.78 0.00
DUNKIRK___4 23566	33.66 -0.07 0.00	29.17 -0.38 0.00	26.66 -0.63 0.00	27.62 -0.85 0.00	26.99 -0.89 0.00	28.58 -0.44 0.00	30.74 -0.95 0.00	25.60 -1.47 0.22	26.21 -0.99 0.17	22.20 -0.34 0.21	21.23 -0.26 0.35	22.15 -0.29 0.11	22.25 -0.25 0.03	23.11 -0.12 0.47	23.29 -0.29 0.56	27.06 -0.72 0.00	30.81 -1.45 0.00	38.76 -1.66 0.00	43.42 -2.38 0.00	43.37 -2.14 0.00	37.72 -2.24 0.00	31.52 -1.95 0.19	30.54 -1.17 0.00	27.03 -0.78 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.08 1.35 0.00	30.70 1.15 0.00	28.22 0.93 0.00	29.52 1.05 0.00	28.78 0.89 0.00	29.91 0.90 0.00	32.80 1.11 0.00	28.41 1.12 0.00	28.54 1.18 0.00	23.84 1.09 0.00	23.02 1.18 0.00	23.91 1.26 -0.09	23.91 1.28 -0.10	25.35 1.35 -0.29	25.65 1.38 -0.14	29.56 1.53 -0.25	34.72 1.81 -0.65	42.40 1.98 0.00	47.78 1.97 0.00	47.33 1.82 0.00	41.60 1.64 0.00	35.04 1.38 0.00	32.92 1.21 0.00	28.78 0.97 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.70 0.98 0.00	30.47 0.92 0.00	28.03 0.74 0.00	29.35 0.88 0.00	28.61 0.72 0.00	29.74 0.73 0.00	32.52 0.82 0.00	28.14 0.85 0.00	28.24 0.88 0.00	23.52 0.77 0.00	22.67 0.83 0.00	23.52 0.88 -0.08	23.51 0.90 -0.09	24.90 0.95 -0.25	25.22 0.97 -0.12	29.08 1.08 -0.21	34.18 1.35 -0.56	41.95 1.54 0.00	47.41 1.60 0.00	47.01 1.50 0.00	41.28 1.32 0.00	34.70 1.04 0.00	32.63 0.92 0.00	28.58 0.78 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.45 1.72 -0.01	31.03 1.48 -0.01	28.47 1.17 -0.01	29.81 1.34 0.00	29.08 1.20 0.00	30.18 1.16 0.00	32.86 1.17 0.00	28.41 1.12 0.00	28.54 1.18 0.00	23.89 1.14 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.42 1.42 -0.29	25.70 1.42 -0.14	29.53 1.50 -0.25	34.78 1.87 -0.65	42.44 2.02 0.00	47.73 1.92 0.00	47.24 1.73 0.00	41.60 1.64 0.00	35.07 1.41 0.00	33.11 1.40 0.00	29.08 1.28 0.00

E179THST_13_KV_LOAD 356214	35.59 1.85 -0.01	31.15 1.60 -0.01	28.58 1.28 -0.01	29.92 1.45 0.00	29.19 1.31 0.00	30.29 1.28 0.00	32.99 1.30 0.00	28.55 1.26 0.00	28.65 1.29 0.00	23.98 1.23 0.00	23.24 1.40 0.00	24.14 1.49 -0.09	24.14 1.51 -0.10	25.54 1.54 -0.29	25.82 1.54 -0.14	29.67 1.64 -0.25	34.95 2.03 -0.65	42.64 2.22 0.00	48.01 2.20 0.00	47.51 2.00 0.00	41.80 1.84 0.00	35.24 1.58 0.00	33.24 1.52 0.00	29.22 1.42 0.00
EAST HAMPTON___GT 23717	35.28 1.55 0.00	30.49 0.95 0.00	27.72 0.44 0.00	28.87 0.40 0.00	28.05 0.17 0.00	29.13 0.12 0.00	32.20 0.51 0.00	25.24 0.14 2.19	23.37 0.08 4.08	21.64 0.45 1.56	19.88 0.74 2.70	23.71 1.06 -0.09	23.71 1.08 -0.10	25.51 1.52 -0.29	26.02 1.74 -0.14	34.56 2.55 -4.22	37.85 3.19 -2.39	43.49 3.07 0.00	48.65 2.84 0.00	47.38 1.87 0.00	41.40 1.44 0.00	35.68 2.02 0.00	33.24 1.52 0.00	29.17 1.36 0.00
EAST RIVER___6 23660	35.21 1.48 0.00	30.82 1.27 0.00	28.30 1.01 0.00	29.67 1.20 0.00	28.92 1.03 0.00	30.03 1.01 0.00	32.90 1.20 0.00	28.55 1.26 0.00	28.73 1.37 0.00	23.98 1.23 0.00	23.18 1.33 0.00	24.09 1.45 -0.09	24.09 1.46 -0.10	25.54 1.54 -0.29	25.85 1.57 -0.14	29.75 1.72 -0.24	35.04 2.13 -0.65	42.72 2.30 0.00	47.82 2.01 0.00	47.46 1.96 0.00	41.80 1.84 0.00	35.14 1.48 0.00	33.04 1.33 0.00	28.92 1.11 0.00
EAST RIVER___7 23524	35.21 1.48 0.00	30.82 1.27 0.00	28.30 1.01 0.00	29.67 1.20 0.00	28.92 1.03 0.00	30.03 1.01 0.00	32.90 1.20 0.00	28.55 1.26 0.00	28.73 1.37 0.00	23.98 1.23 0.00	23.18 1.33 0.00	24.09 1.45 -0.09	24.09 1.46 -0.10	25.54 1.54 -0.29	25.85 1.57 -0.14	29.75 1.72 -0.24	35.04 2.13 -0.65	42.72 2.30 0.00	47.82 2.01 0.00	47.46 1.96 0.00	41.80 1.84 0.00	35.14 1.48 0.00	33.04 1.33 0.00	28.92 1.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.01 1.28 0.00	30.67 1.12 0.00	28.19 0.90 0.00	29.50 1.02 0.00	28.75 0.86 0.00	29.86 0.84 0.00	32.74 1.05 0.00	28.36 1.06 0.00	28.49 1.12 0.00	23.77 1.02 0.00	22.96 1.11 0.00	23.84 1.20 -0.08	23.84 1.22 -0.10	25.27 1.28 -0.28	25.58 1.30 -0.14	29.47 1.44 -0.24	34.63 1.74 -0.63	42.32 1.90 0.00	47.68 1.88 0.00	47.24 1.73 0.00	41.52 1.56 0.00	34.94 1.28 0.00	32.85 1.14 0.00	28.72 0.92 0.00
EAST_HAMPTON___DIESEL 23722	35.21 1.48 0.00	30.44 0.89 0.00	27.67 0.38 0.00	28.81 0.34 0.00	27.99 0.11 0.00	29.07 0.06 0.00	32.10 0.41 0.00	25.19 0.08 2.19	23.32 0.03 4.07	21.60 0.41 1.56	19.84 0.70 2.70	23.69 1.04 -0.09	23.69 1.06 -0.10	25.49 1.49 -0.29	25.99 1.71 -0.14	34.56 2.55 -4.22	37.81 3.16 -2.39	43.45 3.03 0.00	48.60 2.79 0.00	47.33 1.82 0.00	41.36 1.40 0.00	35.61 1.95 0.00	33.20 1.49 0.00	29.17 1.36 0.00
EAST_POINT___SOLAR 323840	35.48 1.75 0.00	31.09 1.54 0.00	28.74 1.45 0.00	29.98 1.51 0.00	29.44 1.56 0.00	30.64 1.62 0.00	33.34 1.65 0.00	27.98 0.68 0.00	27.07 -0.30 0.00	21.88 -0.86 0.00	20.73 -1.11 0.00	21.29 -1.24 0.03	21.23 -1.26 0.04	22.27 -1.33 0.11	22.66 -1.42 0.05	26.33 -1.36 0.09	30.92 -1.10 0.25	40.46 0.04 0.00	47.82 2.01 0.00	48.10 2.59 0.00	42.28 2.32 0.00	35.48 1.82 0.00	33.36 1.65 0.00	29.22 1.42 0.00
EAST_PULASKI___ESR 323781	33.42 -0.30 0.00	29.89 -0.35 -0.70	27.05 -0.41 -0.17	27.99 -0.48 0.00	27.49 -0.39 0.00	28.67 -0.35 0.00	31.97 -0.38 -0.66	27.68 -0.41 -0.80	26.98 -0.49 -0.11	22.70 -0.45 -0.40	22.67 -0.48 -1.31	22.69 -0.50 -0.63	22.32 -0.52 -0.31	23.86 -0.54 -0.70	24.86 -0.55 -1.27	27.83 -0.61 -0.66	32.34 -0.74 -0.82	39.61 -0.81 0.00	46.28 -0.60 -1.07	46.45 -0.64 -1.57	40.83 -0.52 -1.38	34.67 -0.40 -1.41	31.36 -0.35 0.00	27.88 -0.33 -0.41
EAST_RIVER___1 323558	35.25 1.52 0.00	30.85 1.30 0.00	28.33 1.04 0.00	29.67 1.20 0.00	28.92 1.03 0.00	30.03 1.01 0.00	32.90 1.20 0.00	28.55 1.26 0.00	28.71 1.34 0.00	23.98 1.23 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.51 1.52 -0.29	25.82 1.55 -0.14	29.75 1.72 -0.24	34.98 2.07 -0.65	42.72 2.30 0.00	47.82 2.01 0.00	47.51 2.00 0.00	41.80 1.84 0.00	35.18 1.52 0.00	33.04 1.33 0.00	28.92 1.11 0.00
EAST_RIVER___2 323559	35.21 1.48 0.00	30.82 1.27 0.00	28.30 1.01 0.00	29.67 1.20 0.00	28.92 1.03 0.00	30.03 1.01 0.00	32.90 1.20 0.00	28.55 1.26 0.00	28.73 1.37 0.00	23.98 1.23 0.00	23.18 1.33 0.00	24.09 1.45 -0.09	24.09 1.46 -0.10	25.54 1.54 -0.29	25.85 1.57 -0.14	29.75 1.72 -0.24	35.04 2.13 -0.65	42.72 2.30 0.00	47.82 2.01 0.00	47.46 1.96 0.00	41.80 1.84 0.00	35.14 1.48 0.00	33.04 1.33 0.00	28.92 1.11 0.00
EAST___DELAWARE_HYD 23607	34.77 1.05 0.00	30.52 0.97 0.00	28.11 0.82 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.83 0.81 0.00	32.51 0.82 0.00	28.08 0.79 0.00	28.16 0.79 0.00	23.38 0.64 0.00	22.48 0.63 0.00	23.29 0.68 -0.05	23.29 0.70 -0.06	24.61 0.74 -0.17	24.99 0.77 -0.08	28.84 0.92 -0.15	33.87 1.23 -0.39	41.99 1.57 0.00	47.45 1.65 0.00	47.24 1.73 0.00	41.44 1.48 0.00	34.74 1.08 0.00	32.70 0.98 0.00	28.67 0.86 0.00
EIGHT_POINT___WT_PWR 323820	34.16 0.44 0.00	29.70 0.15 0.00	27.18 -0.11 0.00	28.19 -0.28 0.00	27.66 -0.22 0.00	29.13 0.12 0.00	31.50 -0.19 0.00	26.54 -0.60 0.15	28.04 0.79 0.12	23.27 0.66 0.14	22.13 0.52 0.24	22.93 0.45 0.08	22.98 0.47 0.02	23.95 0.57 0.32	24.26 0.51 0.38	28.53 0.75 0.00	32.81 0.55 0.00	41.59 1.17 0.00	47.82 2.01 0.00	47.06 1.55 0.00	40.88 0.92 0.00	34.24 0.71 0.13	32.44 0.73 0.00	28.31 0.50 0.00
ELBRIDGE_115KV_TB2 80188	33.49 -0.24 0.00	29.50 -0.24 -0.18	27.03 -0.30 -0.04	28.10 -0.37 0.00	27.58 -0.31 0.00	28.75 -0.26 0.00	31.52 -0.35 -0.17	27.09 -0.38 -0.17	27.01 -0.36 0.00	22.50 -0.32 -0.07	21.80 -0.33 -0.29	22.37 -0.34 -0.15	22.27 -0.34 -0.08	23.48 -0.33 -0.11	24.02 -0.36 -0.24	27.54 -0.42 -0.17	31.96 -0.52 -0.22	39.89 -0.53 0.00	45.54 -0.55 -0.28	45.38 -0.55 -0.42	39.81 -0.52 -0.37	33.53 -0.47 -0.34	31.40 -0.32 0.00	27.61 -0.31 -0.11
ELEC_TRO_TEK 24086	35.41 1.69 0.00	30.85 1.30 0.00	28.19 0.90 0.00	29.44 0.97 0.00	28.66 0.78 0.00	29.80 0.78 0.00	33.05 1.36 0.00	28.60 1.31 0.00	28.68 1.31 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.16 1.53 -0.10	25.73 1.73 -0.29	26.06 1.79 -0.14	36.97 1.92 -7.27	38.21 2.23 -3.72	42.56 2.14 0.00	47.87 2.06 0.00	46.87 1.37 0.00	41.32 1.36 0.00	35.34 1.68 0.00	33.01 1.30 0.00	28.89 1.08 0.00
ELLENBURG_WT_PWR 323604	34.64 0.91 0.00	30.86 0.83 -0.48	28.20 0.79 -0.11	29.32 0.85 0.00	28.75 0.87 0.00	30.00 0.99 0.00	33.22 1.08 -0.45	28.76 1.01 -0.45	28.46 1.10 0.00	23.85 0.91 -0.19	23.49 0.90 -0.75	23.85 0.90 -0.38	23.63 0.90 -0.20	24.88 0.90 -0.28	25.76 0.99 -0.64	29.32 1.08 -0.45	34.15 1.32 -0.57	42.03 1.62 0.00	48.79 2.24 -0.74	48.78 2.18 -1.09	42.76 1.84 -0.96	36.03 1.48 -0.89	32.92 1.20 0.00	29.14 1.06 -0.28

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.42 -0.30 0.00	28.93 -0.62 0.00	26.44 -0.85 0.00	27.45 -1.02 0.00	26.82 -1.06 0.00	28.38 -0.64 0.00	30.46 -1.24 0.00	25.34 -1.72 0.23	25.96 -1.23 0.18	22.01 -0.52 0.21	21.02 -0.46 0.36	21.95 -0.50 0.12	22.03 -0.47 0.03	22.85 -0.36 0.49	23.03 -0.53 0.58	26.73 -1.06 0.00	30.39 -1.87 0.00	38.19 -2.22 0.00	42.69 -3.11 0.00	42.73 -2.78 0.00	37.32 -2.64 0.00	31.21 -2.26 0.20	30.32 -1.40 0.00	26.97 -0.83 0.00
EMPIRE_CC_1 323656	33.76 0.03 0.00	29.67 0.12 0.00	27.43 0.14 0.00	28.58 0.11 0.00	27.97 0.08 0.00	29.04 0.03 0.00	31.79 0.10 0.00	27.46 0.16 0.00	27.45 0.08 0.00	22.77 0.02 0.00	21.84 0.00 0.00	22.48 0.00 0.08	22.44 0.00 0.09	23.44 0.00 0.26	24.01 0.00 0.13	27.57 0.00 0.22	31.71 0.03 0.58	40.46 0.04 0.00	45.62 -0.18 0.00	45.42 -0.09 0.00	39.96 0.00 0.00	33.76 0.10 0.00	31.78 0.06 0.00	27.92 0.11 0.00
EMPIRE_CC_2 323658	33.76 0.03 0.00	29.67 0.12 0.00	27.43 0.14 0.00	28.58 0.11 0.00	27.97 0.08 0.00	29.04 0.03 0.00	31.79 0.10 0.00	27.46 0.16 0.00	27.45 0.08 0.00	22.77 0.02 0.00	21.84 0.00 0.00	22.48 0.00 0.08	22.44 0.00 0.09	23.44 0.00 0.26	24.01 0.00 0.13	27.57 0.00 0.22	31.71 0.03 0.58	40.46 0.04 0.00	45.62 -0.18 0.00	45.42 -0.09 0.00	39.96 0.00 0.00	33.76 0.10 0.00	31.78 0.06 0.00	27.92 0.11 0.00
ENORWICH_115KV_TB1 80156	35.38 1.65 0.00	30.97 1.42 0.00	28.46 1.17 0.00	29.52 1.05 0.00	29.08 1.20 0.00	30.35 1.33 0.00	33.21 1.52 0.00	28.33 1.04 0.00	28.08 0.71 0.00	23.13 0.39 0.00	22.13 0.28 0.00	22.83 0.27 0.00	22.75 0.23 0.00	23.94 0.24 0.00	24.38 0.24 0.00	28.15 0.36 0.00	33.10 0.84 0.00	41.95 1.54 0.00	48.28 2.47 0.00	48.28 2.78 0.00	42.20 2.24 0.00	35.27 1.62 0.00	33.30 1.59 0.00	29.11 1.31 0.00
ERIE_ST__34_KV_TB1-2 80199	33.52 -0.20 0.00	29.05 -0.50 0.00	26.55 -0.74 0.00	27.53 -0.94 0.00	26.94 -0.95 0.00	28.52 -0.49 0.00	30.65 -1.05 0.00	25.46 -1.61 0.23	26.07 -1.12 0.17	22.08 -0.45 0.21	21.10 -0.39 0.35	21.99 -0.45 0.12	22.09 -0.41 0.03	22.94 -0.28 0.48	23.11 -0.46 0.56	26.84 -0.94 0.00	30.58 -1.68 0.00	38.48 -1.94 0.00	43.10 -2.24 0.00	43.10 -2.41 0.00	37.52 -2.44 0.00	31.38 -2.09 0.19	30.41 -1.30 0.00	27.03 -0.78 0.00
ERIE_WT_PWR 323693	33.56 -0.17 0.00	29.05 -0.50 0.00	26.55 -0.74 0.00	27.56 -0.91 0.00	26.94 -0.95 0.00	28.49 -0.52 0.00	30.61 -1.08 0.00	25.46 -1.61 0.23	26.04 -1.15 0.17	22.08 -0.45 0.21	21.09 -0.39 0.36	22.01 -0.43 0.12	22.09 -0.40 0.03	22.96 -0.26 0.48	23.09 -0.48 0.57	27.06 -0.72 0.00	30.10 -2.16 0.00	37.95 -2.47 0.00	43.56 -2.24 0.00	43.01 -2.50 0.00	37.48 -2.48 0.00	31.51 -1.95 0.19	30.44 -1.27 0.00	27.06 -0.75 0.00
ESPRGFLD_115KV_TB1 80157	34.97 1.25 0.00	30.61 1.06 0.00	28.27 0.98 0.00	29.47 1.00 0.00	28.89 1.00 0.00	30.03 1.02 0.00	32.80 1.11 0.00	28.00 0.71 0.00	27.75 0.38 0.00	22.84 0.09 0.00	21.82 -0.02 0.00	22.50 -0.05 0.02	22.44 -0.07 0.02	23.57 -0.07 0.06	24.01 -0.10 0.03	27.76 0.03 0.05	32.41 0.29 0.14	41.35 0.93 0.00	47.50 1.69 0.00	47.37 1.87 0.00	41.56 1.60 0.00	34.87 1.21 0.00	32.85 1.14 0.00	28.75 0.95 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.20 0.47 0.00	29.93 0.38 0.00	27.56 0.27 0.00	28.67 0.20 0.00	28.13 0.25 0.00	29.33 0.32 0.00	31.98 0.29 0.00	27.43 0.14 0.00	27.50 0.14 0.00	22.79 0.05 0.00	21.84 0.00 0.00	22.54 -0.02 0.00	22.51 -0.02 0.00	23.68 -0.02 0.00	24.11 -0.02 0.00	27.78 0.00 0.00	32.33 0.06 0.00	40.74 0.32 0.00	46.36 0.55 0.00	46.06 0.55 0.00	40.32 0.36 0.00	33.89 0.24 0.00	32.06 0.35 0.00	28.08 0.28 0.00
ETNA_____115KV_TB2 80207	34.20 0.47 0.00	29.93 0.38 0.00	27.56 0.27 0.00	28.67 0.20 0.00	28.13 0.25 0.00	29.33 0.32 0.00	31.98 0.29 0.00	27.43 0.14 0.00	27.50 0.14 0.00	22.79 0.05 0.00	21.84 0.00 0.00	22.54 -0.02 0.00	22.51 -0.02 0.00	23.68 -0.02 0.00	24.11 -0.02 0.00	27.78 0.00 0.00	32.33 0.06 0.00	40.74 0.32 0.00	46.36 0.55 0.00	46.06 0.55 0.00	40.32 0.36 0.00	33.89 0.24 0.00	32.06 0.35 0.00	28.08 0.28 0.00
EUCLID___115KV_TB2 356179	33.32 -0.40 0.00	29.41 -0.38 -0.24	26.94 -0.41 -0.06	27.99 -0.48 0.00	27.44 -0.45 0.00	28.61 -0.41 0.00	31.41 -0.51 -0.23	26.86 -0.52 -0.09	26.77 -0.49 0.11	22.30 -0.41 0.03	21.59 -0.42 -0.16	22.25 -0.43 -0.12	22.18 -0.43 -0.08	23.12 -0.43 0.16	23.65 -0.46 0.03	27.49 -0.53 -0.23	31.87 -0.68 -0.29	39.65 -0.77 0.00	45.31 -0.87 -0.37	45.24 -0.82 -0.55	39.69 -0.76 -0.48	33.35 -0.64 -0.33	31.24 -0.48 0.00	27.50 -0.44 -0.14
E_CANADA_CAP_HY 24051	35.18 1.45 0.00	30.82 1.27 0.00	28.49 1.20 0.00	29.69 1.22 0.00	29.17 1.28 0.00	30.32 1.31 0.00	33.05 1.36 0.00	28.06 0.76 0.00	27.64 0.27 0.00	22.57 -0.18 0.00	21.45 -0.39 0.00	22.03 -0.50 0.03	21.95 -0.54 0.03	23.06 -0.54 0.10	23.49 -0.60 0.05	27.29 -0.42 0.08	31.94 -0.10 0.22	41.18 0.77 0.00	47.69 1.88 0.00	47.65 2.14 0.00	41.88 1.92 0.00	35.14 1.48 0.00	33.08 1.36 0.00	28.97 1.17 0.00
E_CANADA_MHWK_HY 24050	33.93 0.20 0.00	29.92 0.18 -0.20	27.50 0.16 -0.05	28.61 0.14 0.00	28.05 0.17 0.00	29.16 0.15 0.00	32.10 0.22 -0.19	27.62 0.14 -0.19	27.45 0.08 0.00	22.89 0.07 -0.08	22.22 0.07 -0.31	22.81 0.09 -0.16	22.70 0.09 -0.08	23.91 0.10 -0.11	24.47 0.07 -0.26	28.08 0.11 -0.19	32.69 0.19 -0.23	40.74 0.32 0.00	46.47 0.36 -0.30	46.36 0.41 -0.44	40.63 0.28 -0.39	34.23 0.20 -0.36	31.81 0.10 0.00	27.92 0.00 -0.11
E_FISHKILL___LBMP 23776	34.70 0.98 0.00	30.41 0.86 0.00	28.00 0.71 0.00	29.30 0.83 0.00	28.55 0.67 0.00	29.68 0.67 0.00	32.52 0.82 0.00	28.14 0.85 0.00	28.24 0.88 0.00	23.54 0.80 0.00	22.70 0.85 0.00	23.60 0.92 -0.12	23.58 0.92 -0.13	25.06 0.97 -0.39	25.31 0.99 -0.19	29.22 1.11 -0.32	34.44 1.32 -0.86	41.87 1.45 0.00	47.23 1.42 0.00	46.83 1.32 0.00	41.16 1.20 0.00	34.67 1.01 0.00	32.60 0.89 0.00	28.53 0.72 0.00
FALCON___SEABRD_CC1 323796	35.28 1.55 0.00	31.58 1.39 -0.64	28.78 1.34 -0.15	29.89 1.42 0.00	29.30 1.42 0.00	30.58 1.57 0.00	34.04 1.74 -0.60	29.48 1.58 -0.60	29.09 1.73 0.00	24.46 1.46 -0.25	24.26 1.42 -1.00	24.49 1.42 -0.51	24.22 1.42 -0.27	25.54 1.47 -0.37	26.53 1.55 -0.85	30.11 1.72 -0.60	35.08 2.07 -0.75	43.00 2.59 0.00	50.27 3.48 -0.98	50.36 3.41 -1.44	44.11 2.88 -1.26	37.13 2.29 -1.18	33.62 1.90 0.00	29.87 1.70 -0.37
FALCON___SEABRD_CC2 323797	35.28 1.55 0.00	31.58 1.39 -0.64	28.78 1.34 -0.15	29.89 1.42 0.00	29.30 1.42 0.00	30.58 1.57 0.00	34.04 1.74 -0.60	29.48 1.58 -0.60	29.09 1.73 0.00	24.46 1.46 -0.25	24.26 1.42 -1.00	24.49 1.42 -0.51	24.22 1.42 -0.27	25.54 1.47 -0.37	26.53 1.55 -0.85	30.11 1.72 -0.60	35.08 2.07 -0.75	43.00 2.59 0.00	50.27 3.48 -0.98	50.36 3.41 -1.44	44.11 2.88 -1.26	37.13 2.29 -1.18	33.62 1.90 0.00	29.87 1.70 -0.37

FAR ROCKAWAY___4 23548	35.99 2.26 0.00	31.29 1.74 0.00	28.55 1.26 0.00	29.84 1.37 0.00	29.05 1.17 0.00	30.18 1.16 0.00	33.50 1.81 0.00	28.88 1.58 0.00	28.93 1.56 0.00	24.29 1.55 0.00	23.48 1.64 0.00	24.47 1.83 -0.09	24.41 1.78 -0.10	26.01 2.01 -0.29	26.35 2.08 -0.14	36.77 2.31 -6.68	38.40 2.68 -3.46	43.16 2.75 0.00	48.60 2.79 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.85 2.19 0.00	33.46 1.74 0.00	29.28 1.47 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.24 1.52 0.00	30.85 1.30 0.00	28.33 1.04 0.00	29.69 1.22 0.00	28.92 1.03 0.00	30.03 1.02 0.00	32.93 1.24 0.00	28.55 1.26 0.00	28.71 1.34 0.00	24.00 1.25 0.00	23.18 1.33 0.00	24.09 1.44 -0.09	24.07 1.44 -0.10	25.51 1.52 -0.29	25.82 1.54 -0.14	29.72 1.69 -0.24	34.98 2.06 -0.65	42.68 2.26 0.00	48.05 2.24 0.00	47.51 2.00 0.00	41.84 1.88 0.00	35.17 1.51 0.00	33.04 1.33 0.00	28.92 1.11 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.24 1.52 0.00	30.85 1.30 0.00	28.33 1.04 0.00	29.69 1.22 0.00	28.92 1.03 0.00	30.06 1.04 0.00	32.93 1.24 0.00	28.55 1.26 0.00	28.71 1.34 0.00	23.98 1.23 0.00	23.18 1.33 0.00	24.09 1.44 -0.09	24.07 1.44 -0.10	25.51 1.52 -0.29	25.82 1.54 -0.14	29.72 1.69 -0.24	34.98 2.06 -0.65	42.68 2.26 0.00	48.05 2.24 0.00	47.56 2.05 0.00	41.84 1.88 0.00	35.21 1.55 0.00	33.08 1.36 0.00	28.92 1.11 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.21 1.48 0.00	30.82 1.27 0.00	28.30 1.01 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.03 1.02 0.00	32.90 1.20 0.00	28.52 1.23 0.00	28.71 1.34 0.00	23.98 1.23 0.00	23.15 1.31 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.70 1.67 -0.24	34.94 2.03 -0.65	42.64 2.22 0.00	48.01 2.20 0.00	47.51 2.00 0.00	41.80 1.84 0.00	35.17 1.51 0.00	33.04 1.33 0.00	28.92 1.11 0.00
FARRAGUT___LBMP 323566	35.21 1.48 0.00	30.82 1.27 0.00	28.30 1.01 0.00	29.67 1.20 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.86 1.17 0.00	28.52 1.23 0.00	28.68 1.31 0.00	23.95 1.21 0.00	23.15 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.14	29.70 1.67 -0.24	34.91 2.00 -0.65	42.60 2.18 0.00	47.96 2.15 0.00	47.47 1.96 0.00	41.80 1.84 0.00	35.14 1.48 0.00	33.01 1.30 0.00	28.89 1.08 0.00
FENNER___WINDPWR 24204	34.10 0.37 0.00	30.22 0.33 -0.34	27.62 0.25 -0.08	28.64 0.17 0.00	28.13 0.25 0.00	29.30 0.29 0.00	32.33 0.32 -0.32	27.81 0.19 -0.32	27.48 0.11 0.00	22.91 0.02 -0.13	22.38 0.00 -0.53	22.81 -0.02 -0.27	22.65 -0.02 -0.14	23.88 -0.02 -0.20	24.56 -0.02 -0.45	28.13 0.03 -0.32	32.73 0.06 -0.40	40.62 0.20 0.00	46.84 0.50 -0.53	46.78 0.50 -0.77	41.04 0.40 -0.68	34.59 0.30 -0.63	32.06 0.35 0.00	28.28 0.28 -0.20
FIBERTEK___ENERGY 23856	33.59 -0.13 0.00	29.61 -0.15 -0.21	27.15 -0.19 -0.05	28.21 -0.26 0.00	27.66 -0.22 0.00	28.84 -0.17 0.00	31.63 -0.25 -0.19	27.21 -0.27 -0.19	27.09 -0.27 0.00	22.58 -0.25 -0.08	21.88 -0.28 -0.32	22.43 -0.29 -0.16	22.32 -0.29 -0.09	23.54 -0.28 -0.12	24.10 -0.31 -0.27	27.64 -0.33 -0.19	32.08 -0.42 -0.24	40.01 -0.40 0.00	45.76 -0.37 -0.32	45.56 -0.41 -0.46	39.97 -0.40 -0.41	33.67 -0.37 -0.38	31.49 -0.22 0.00	27.70 -0.22 -0.12
FITZPATRICK___ 23598	32.85 -0.88 0.00	28.75 -0.80 0.00	26.53 -0.76 0.00	27.64 -0.83 0.00	27.07 -0.81 0.00	28.20 -0.81 0.00	30.80 -0.89 0.00	26.45 -0.85 0.00	26.52 -0.85 0.00	22.07 -0.68 0.00	21.17 -0.68 0.00	21.86 -0.70 0.00	21.83 -0.70 0.00	22.97 -0.73 0.00	23.39 -0.75 0.00	26.92 -0.86 0.00	31.20 -1.06 0.00	39.12 -1.29 0.00	44.48 -1.33 0.00	44.14 -1.36 0.00	38.72 -1.24 0.00	32.62 -1.04 0.00	30.79 -0.92 0.00	27.00 -0.81 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.01 1.28 0.00	30.73 1.18 0.00	28.27 0.98 0.00	29.58 1.11 0.00	28.83 0.95 0.00	29.97 0.96 0.00	32.74 1.05 0.00	28.30 1.01 0.00	28.41 1.04 0.00	23.64 0.89 0.00	22.74 0.90 0.00	23.61 0.97 -0.08	23.60 0.99 -0.09	25.00 1.04 -0.25	25.32 1.06 -0.12	29.19 1.19 -0.21	34.34 1.52 -0.57	42.23 1.82 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.64 1.68 0.00	34.94 1.28 0.00	32.89 1.17 0.00	28.81 1.00 0.00
FORT ORANGE___ 23900	33.79 0.07 0.00	29.67 0.12 0.00	27.45 0.16 0.00	28.61 0.14 0.00	28.05 0.17 0.00	29.13 0.12 0.00	31.79 0.10 0.00	27.43 0.14 0.00	27.39 0.03 0.00	22.70 -0.05 0.00	21.76 -0.09 0.00	22.45 -0.07 0.04	22.41 -0.07 0.05	23.49 -0.07 0.14	24.00 -0.07 0.07	27.64 -0.03 0.12	32.05 0.10 0.31	40.46 0.04 0.00	45.76 -0.05 0.00	45.55 0.05 0.00	40.04 0.08 0.00	33.83 0.17 0.00	31.81 0.10 0.00	27.94 0.14 0.00
FORT_DRUM_COGEN 23780	34.06 0.34 0.00	31.82 0.03 -2.25	27.80 -0.03 -0.53	28.33 -0.14 0.00	28.00 0.11 0.00	29.16 0.15 0.00	34.10 0.29 -2.12	29.52 0.11 -2.12	27.20 -0.16 0.00	23.32 -0.32 -0.89	25.01 -0.35 -3.51	23.97 -0.38 -1.79	23.02 -0.45 -0.94	24.53 -0.47 -1.30	26.66 -0.46 -2.98	29.38 -0.53 -2.12	34.56 -0.35 -2.65	40.25 -0.16 0.00	49.72 0.46 -3.46	51.13 0.55 -5.07	45.02 0.60 -4.46	38.37 0.54 -4.17	32.13 0.41 0.00	29.42 0.31 -1.31
FOX_HILLS___ESR 323835	35.35 1.62 0.00	30.88 1.33 0.00	28.30 1.01 0.00	10.03 1.14 19.58	12.16 1.14 16.87	12.71 1.10 17.40	16.56 1.24 16.37	11.23 1.26 17.32	14.77 1.31 13.91	15.07 1.27 8.96	15.45 1.40 7.79	15.59 1.51 8.48	20.89 1.53 3.17	20.83 1.61 4.48	21.98 1.62 3.77	23.37 1.69 6.11	25.79 2.13 8.60	25.86 2.34 16.90	26.38 2.29 21.72	26.24 2.09 21.36	25.58 1.96 16.34	23.61 1.58 11.64	21.82 1.43 11.32	13.89 1.22 15.14
FPL_FAR_ROCK_GT1 24212	35.95 2.23 0.00	31.29 1.74 0.00	28.55 1.26 0.00	29.84 1.37 0.00	29.06 1.17 0.00	30.18 1.16 0.00	33.50 1.81 0.00	28.85 1.55 0.00	28.93 1.56 0.00	24.30 1.55 0.00	23.48 1.64 0.00	24.47 1.83 -0.09	24.41 1.78 -0.10	26.01 2.01 -0.29	26.38 2.10 -0.14	36.77 2.30 -6.68	38.44 2.71 -3.46	43.24 2.83 0.00	48.46 2.66 0.00	47.56 2.05 0.00	41.84 1.88 0.00	35.78 2.12 0.00	33.46 1.74 0.00	29.28 1.47 0.00
FPL_FAR_ROCK_GT2 23815	35.95 2.23 0.00	31.29 1.74 0.00	28.55 1.26 0.00	29.84 1.37 0.00	29.06 1.17 0.00	30.18 1.16 0.00	33.50 1.81 0.00	28.85 1.55 0.00	28.93 1.56 0.00	24.30 1.55 0.00	23.48 1.64 0.00	24.47 1.83 -0.09	24.41 1.78 -0.10	26.01 2.01 -0.29	26.38 2.10 -0.14	36.77 2.30 -6.68	38.44 2.71 -3.46	43.24 2.83 0.00	48.46 2.66 0.00	47.56 2.05 0.00	41.84 1.88 0.00	35.78 2.12 0.00	33.46 1.74 0.00	29.28 1.47 0.00
FRANKLIN_FALL_HYD 24054	34.87 1.15 0.00	33.63 1.03 -3.05	29.00 0.98 -0.72	29.55 1.08 0.00	28.94 1.06 0.00	30.20 1.19 0.00	35.90 1.33 -2.88	31.42 1.26 -2.88	28.71 1.34 0.00	25.06 1.11 -1.20	27.72 1.11 -4.76	26.09 1.11 -2.43	24.91 1.10 -1.28	26.59 1.11 -1.77	29.38 1.21 -4.04	32.05 1.39 -2.88	37.51 1.65 -3.60	42.44 2.02 0.00	53.34 2.84 -4.69	55.21 2.82 -6.88	48.40 2.40 -6.04	41.23 1.92 -5.66	33.30 1.59 0.00	31.00 1.42 -1.77

FREEPORT_EQUS_GT1 23764	35.65 1.92 0.00	31.03 1.48 0.00	28.30 1.01 0.00	29.55 1.08 0.00	28.78 0.89 0.00	29.88 0.87 0.00	33.21 1.52 0.00	28.66 1.36 0.00	28.73 1.37 0.00	24.11 1.36 0.00	23.31 1.46 0.00	24.29 1.65 -0.09	24.23 1.60 -0.10	25.82 1.83 -0.29	26.19 1.91 -0.14	35.51 2.14 -5.59	37.73 2.48 -2.99	42.84 2.42 0.00	47.96 2.15 0.00	47.06 1.55 0.00	41.44 1.48 0.00	35.48 1.82 0.00	33.20 1.49 0.00	29.03 1.22 0.00
FREEPORT___CT2 23818	35.65 1.92 0.00	31.03 1.48 0.00	28.30 1.01 0.00	29.55 1.08 0.00	28.78 0.89 0.00	29.88 0.87 0.00	33.21 1.52 0.00	28.66 1.36 0.00	28.73 1.37 0.00	24.11 1.36 0.00	23.31 1.46 0.00	24.29 1.65 -0.09	24.23 1.60 -0.10	25.82 1.83 -0.29	26.19 1.91 -0.14	35.51 2.14 -5.59	37.73 2.48 -2.99	42.84 2.42 0.00	47.96 2.15 0.00	47.06 1.55 0.00	41.44 1.48 0.00	35.48 1.82 0.00	33.20 1.49 0.00	29.03 1.22 0.00
FRESHKLS_33_KV_LOAD 356253	35.41 1.69 0.00	30.94 1.39 0.00	28.35 1.06 0.00	10.09 1.20 19.58	12.22 1.20 16.87	12.80 1.19 17.40	16.62 1.30 16.37	11.28 1.31 17.32	14.85 1.40 13.91	15.11 1.32 8.96	15.49 1.44 7.79	15.64 1.56 8.48	20.94 1.58 3.17	20.88 1.66 4.48	22.03 1.67 3.77	23.43 1.75 6.11	25.89 2.23 8.60	25.98 2.47 16.90	26.51 2.43 21.72	26.38 2.23 21.36	25.70 2.08 16.34	23.71 1.68 11.64	21.91 1.52 11.32	13.97 1.31 15.14
FULTON COGEN____ 23766	33.25 -0.47 0.00	29.38 -0.44 -0.28	26.89 -0.46 -0.07	27.93 -0.54 0.00	27.38 -0.50 0.00	28.52 -0.49 0.00	31.38 -0.57 -0.26	27.20 -0.55 -0.45	26.96 -0.55 -0.14	22.55 -0.48 -0.28	22.09 -0.48 -0.73	22.36 -0.52 -0.32	22.17 -0.50 -0.14	23.74 -0.52 -0.56	24.44 -0.53 -0.84	27.44 -0.61 -0.26	31.88 -0.71 -0.33	39.61 -0.81 0.00	45.36 -0.87 -0.43	45.27 -0.86 -0.63	39.71 -0.80 -0.55	33.66 -0.67 -0.68	31.17 -0.54 0.00	27.47 -0.50 -0.16
FULTON___LFGE 323630	35.21 1.48 0.00	30.85 1.30 0.00	28.52 1.23 0.00	29.72 1.25 0.00	29.19 1.31 0.00	30.35 1.34 0.00	33.05 1.36 0.00	28.08 0.79 0.00	27.67 0.30 0.00	22.52 -0.23 0.00	21.32 -0.52 0.00	21.85 -0.68 0.03	21.72 -0.77 0.04	22.81 -0.78 0.11	23.29 -0.80 0.06	27.10 -0.58 0.10	31.82 -0.19 0.25	41.18 0.77 0.00	47.73 1.92 0.00	47.60 2.09 0.00	41.88 1.92 0.00	35.18 1.52 0.00	33.08 1.36 0.00	28.97 1.17 0.00
G.F.CEMENT___DRP 24184	34.50 0.78 0.00	30.29 0.74 0.00	28.03 0.74 0.00	29.21 0.74 0.00	28.69 0.81 0.00	29.80 0.78 0.00	32.45 0.76 0.00	27.81 0.52 0.00	28.27 0.90 0.00	23.27 0.52 0.00	22.02 0.17 0.00	22.60 0.09 0.05	22.47 0.00 0.06	23.51 -0.02 0.17	23.96 -0.10 0.08	27.78 0.14 0.14	31.68 -0.19 0.39	40.90 0.48 0.00	46.77 0.96 0.00	46.65 1.14 0.00	41.00 1.04 0.00	34.57 0.91 0.00	32.54 0.82 0.00	28.53 0.72 0.00
GARDENVILLE___LBMP 24039	33.49 -0.24 0.00	28.99 -0.56 0.00	26.50 -0.79 0.00	27.50 -0.97 0.00	26.88 -1.00 0.00	28.43 -0.58 0.00	30.52 -1.17 0.00	25.40 -1.66 0.23	26.02 -1.18 0.17	22.04 -0.50 0.21	21.05 -0.44 0.36	21.97 -0.47 0.12	22.05 -0.45 0.03	22.89 -0.33 0.48	23.06 -0.51 0.57	26.76 -1.03 0.00	30.45 -1.81 0.00	38.27 -2.14 0.00	42.83 -2.98 0.00	42.87 -2.64 0.00	37.40 -2.56 0.00	31.28 -2.19 0.19	30.35 -1.36 0.00	27.00 -0.81 0.00
GARDNVLA_35_KV_LD 355827	33.59 -0.13 0.00	29.05 -0.50 0.00	26.58 -0.71 0.00	27.56 -0.91 0.00	26.96 -0.92 0.00	28.52 -0.49 0.00	30.61 -1.08 0.00	25.48 -1.58 0.23	26.10 -1.09 0.17	22.11 -0.43 0.21	21.12 -0.37 0.36	22.04 -0.41 0.12	22.14 -0.36 0.03	22.98 -0.24 0.48	23.16 -0.41 0.57	26.87 -0.92 0.00	30.55 -1.71 0.00	38.40 -2.02 0.00	42.97 -2.84 0.00	43.01 -2.50 0.00	37.52 -2.44 0.00	31.38 -2.09 0.19	30.48 -1.24 0.00	27.08 -0.72 0.00
GELCKHM___115KV_LOAD 80723	33.42 -0.30 0.00	29.48 -0.30 -0.23	27.02 -0.33 -0.05	28.07 -0.40 0.00	27.52 -0.36 0.00	28.70 -0.32 0.00	31.49 -0.41 -0.21	27.00 -0.41 -0.12	26.88 -0.41 0.07	22.41 -0.34 0.00	21.70 -0.35 -0.21	22.31 -0.38 -0.13	22.25 -0.36 -0.08	23.26 -0.38 0.07	23.82 -0.39 -0.07	27.55 -0.44 -0.21	31.98 -0.55 -0.27	39.77 -0.65 0.00	45.47 -0.69 -0.35	45.34 -0.68 -0.51	39.77 -0.64 -0.45	33.46 -0.54 -0.34	31.33 -0.38 0.00	27.58 -0.36 -0.13
GENERAL___MILLS 23808	33.52 -0.20 0.00	29.02 -0.53 0.00	26.55 -0.74 0.00	27.53 -0.94 0.00	26.94 -0.95 0.00	28.49 -0.52 0.00	30.58 -1.11 0.00	25.46 -1.61 0.23	26.07 -1.12 0.17	22.08 -0.45 0.21	21.09 -0.39 0.36	22.01 -0.43 0.12	22.09 -0.41 0.03	22.93 -0.28 0.48	23.11 -0.46 0.57	26.81 -0.97 0.00	30.52 -1.74 0.00	38.35 -2.06 0.00	42.92 -2.89 0.00	42.91 -2.59 0.00	37.44 -2.52 0.00	31.34 -2.12 0.19	30.41 -1.30 0.00	27.05 -0.75 0.00
GE_PLASTICS___DRP 24183	33.86 0.13 0.00	29.73 0.18 0.00	27.48 0.19 0.00	28.67 0.20 0.00	28.08 0.20 0.00	29.13 0.12 0.00	31.85 0.16 0.00	27.46 0.16 0.00	27.48 0.11 0.00	22.82 0.07 0.00	21.89 0.04 0.00	22.59 0.07 0.03	22.56 0.07 0.04	23.66 0.07 0.11	24.13 0.05 0.05	27.77 0.08 0.09	32.17 0.16 0.25	40.50 0.08 0.00	45.85 0.05 0.00	45.55 0.05 0.00	40.08 0.12 0.00	33.83 0.17 0.00	31.84 0.13 0.00	27.94 0.14 0.00
GILBOA___1 23756	34.16 0.44 0.00	29.96 0.41 0.00	27.84 0.55 0.00	29.07 0.60 0.00	28.41 0.53 0.00	29.33 0.32 0.00	32.07 0.38 0.00	27.67 0.38 0.00	27.72 0.35 0.00	23.07 0.32 0.00	22.17 0.33 0.00	22.90 0.34 0.00	22.87 0.34 0.00	24.06 0.36 0.00	24.50 0.36 0.00	28.23 0.44 0.00	32.78 0.51 0.00	40.94 0.52 0.00	46.13 0.32 0.00	45.87 0.36 0.00	40.36 0.40 0.00	34.03 0.37 0.00	32.06 0.35 0.00	28.08 0.28 0.00
GILBOA___2 23757	34.16 0.44 0.00	29.96 0.41 0.00	27.84 0.55 0.00	29.07 0.60 0.00	28.41 0.53 0.00	29.33 0.32 0.00	32.07 0.38 0.00	27.67 0.38 0.00	27.72 0.35 0.00	23.07 0.32 0.00	22.17 0.33 0.00	22.90 0.34 0.00	22.87 0.34 0.00	24.06 0.36 0.00	24.50 0.36 0.00	28.23 0.44 0.00	32.78 0.51 0.00	40.94 0.52 0.00	46.13 0.32 0.00	45.87 0.36 0.00	40.36 0.40 0.00	34.03 0.37 0.00	32.06 0.35 0.00	28.08 0.28 0.00
GILBOA___3 23758	34.16 0.44 0.00	29.96 0.41 0.00	27.84 0.55 0.00	29.07 0.60 0.00	28.41 0.53 0.00	29.33 0.32 0.00	32.07 0.38 0.00	27.67 0.38 0.00	27.72 0.35 0.00	23.07 0.32 0.00	22.17 0.33 0.00	22.90 0.34 0.00	22.87 0.34 0.00	24.06 0.36 0.00	24.50 0.36 0.00	28.23 0.44 0.00	32.78 0.51 0.00	40.94 0.52 0.00	46.13 0.32 0.00	45.87 0.36 0.00	40.36 0.40 0.00	34.03 0.37 0.00	32.06 0.35 0.00	28.08 0.28 0.00
GILBOA___4 23759	34.16 0.44 0.00	29.96 0.41 0.00	27.84 0.55 0.00	29.07 0.60 0.00	28.41 0.53 0.00	29.33 0.32 0.00	32.07 0.38 0.00	27.67 0.38 0.00	27.72 0.35 0.00	23.07 0.32 0.00	22.17 0.33 0.00	22.90 0.34 0.00	22.87 0.34 0.00	24.06 0.36 0.00	24.50 0.36 0.00	28.23 0.44 0.00	32.78 0.51 0.00	40.94 0.52 0.00	46.13 0.32 0.00	45.87 0.36 0.00	40.36 0.40 0.00	34.03 0.37 0.00	32.06 0.35 0.00	28.08 0.28 0.00

GILBOA____ 23599	34.16 0.44 0.00	29.96 0.41 0.00	27.84 0.55 0.00	29.07 0.60 0.00	28.41 0.53 0.00	29.33 0.32 0.00	32.07 0.38 0.00	27.68 0.38 0.00	27.72 0.36 0.00	23.07 0.32 0.00	22.17 0.33 0.00	22.90 0.34 0.00	22.87 0.34 0.00	24.06 0.36 0.00	24.50 0.36 0.00	28.20 0.42 0.00	32.74 0.48 0.00	40.94 0.53 0.00	46.17 0.37 0.00	45.87 0.36 0.00	40.36 0.40 0.00	34.03 0.37 0.00	32.06 0.35 0.00	28.08 0.28 0.00
GINNA____ 23603	32.14 -1.58 0.00	27.95 -1.60 0.00	25.65 -1.64 0.00	26.71 -1.77 0.00	26.18 -1.70 0.00	27.42 -1.60 0.00	29.82 -1.87 0.00	25.26 -1.75 0.29	25.48 -1.67 0.22	21.21 -1.27 0.26	20.13 -1.27 0.45	21.13 -1.29 0.15	21.18 -1.31 0.04	21.77 -1.33 0.61	22.00 -1.42 0.72	26.14 -1.64 0.00	29.84 -2.42 0.00	37.67 -2.75 0.00	43.20 -2.61 0.00	42.82 -2.69 0.00	37.48 -2.48 0.00	31.23 -2.19 0.25	29.91 -1.81 0.00	26.16 -1.64 0.00
GLEN PARK____ 23778	34.13 0.41 0.00	31.67 0.00 -2.12	27.71 -0.08 -0.50	28.27 -0.20 0.00	27.94 0.06 0.00	29.13 0.12 0.00	33.95 0.25 -2.01	29.35 0.05 -2.01	27.12 -0.25 0.00	23.18 -0.41 -0.84	24.73 -0.44 -3.32	23.78 -0.47 -1.69	22.88 -0.54 -0.89	24.37 -0.57 -1.23	26.40 -0.55 -2.82	29.15 -0.64 -2.01	34.32 -0.45 -2.51	40.17 -0.24 0.00	49.59 0.50 -3.27	50.94 0.64 -4.80	44.82 0.64 -4.22	38.14 0.54 -3.95	32.12 0.41 0.00	29.32 0.28 -1.24
GLENDALE_27_KV_LOAD 356172	35.45 1.72 0.00	31.00 1.45 0.00	28.44 1.15 0.00	29.78 1.31 0.00	29.05 1.17 0.00	30.18 1.16 0.00	32.99 1.30 0.00	28.60 1.31 0.00	28.76 1.40 0.00	24.07 1.32 0.00	23.29 1.44 0.00	24.18 1.53 -0.09	24.18 1.55 -0.10	25.63 1.64 -0.29	25.92 1.64 -0.14	29.78 1.75 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.19 2.38 0.00	47.69 2.18 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.08 1.28 0.00
GLENWOOD_IC_1_G5 23712	35.45 1.72 0.00	30.91 1.36 0.00	28.30 1.01 0.00	29.58 1.11 0.00	28.83 0.95 0.00	29.94 0.93 0.00	33.05 1.36 0.00	28.60 1.31 0.00	28.68 1.31 0.00	24.02 1.27 0.00	23.22 1.38 0.00	24.16 1.51 -0.09	24.11 1.49 -0.10	25.66 1.66 -0.29	25.97 1.69 -0.14	36.80 1.89 -7.13	38.15 2.23 -3.66	42.68 2.26 0.00	47.73 1.92 0.00	46.97 1.46 0.00	41.64 1.68 0.00	35.38 1.72 0.00	33.11 1.40 0.00	28.95 1.14 0.00
GLENWOOD_IC_2_G1 23688	35.25 1.52 0.00	30.79 1.24 0.00	28.22 0.93 0.00	29.52 1.05 0.00	28.75 0.87 0.00	29.88 0.87 0.00	32.90 1.20 0.00	28.49 1.20 0.00	28.60 1.23 0.00	23.93 1.18 0.00	23.11 1.27 0.00	24.02 1.38 -0.09	24.00 1.37 -0.10	25.49 1.49 -0.29	25.82 1.55 -0.14	30.05 1.72 -0.54	35.08 2.03 -0.78	42.56 2.14 0.00	47.69 1.88 0.00	47.14 1.64 0.00	41.52 1.56 0.00	35.14 1.48 0.00	32.98 1.27 0.00	28.83 1.03 0.00
GLENWOOD_IC_3_G1 23689	35.25 1.52 0.00	30.79 1.24 0.00	28.22 0.93 0.00	29.52 1.05 0.00	28.75 0.87 0.00	29.88 0.87 0.00	32.90 1.20 0.00	28.49 1.20 0.00	28.60 1.23 0.00	23.93 1.18 0.00	23.11 1.27 0.00	24.02 1.38 -0.09	24.00 1.37 -0.10	25.49 1.49 -0.29	25.82 1.55 -0.14	30.05 1.72 -0.54	35.08 2.03 -0.78	42.56 2.14 0.00	47.69 1.88 0.00	47.14 1.64 0.00	41.52 1.56 0.00	35.14 1.48 0.00	32.98 1.27 0.00	28.83 1.03 0.00
GLENWOOD____4 23550	35.45 1.72 0.00	30.91 1.36 0.00	28.30 1.01 0.00	29.58 1.11 0.00	28.83 0.95 0.00	29.94 0.93 0.00	33.05 1.36 0.00	28.60 1.31 0.00	28.68 1.31 0.00	24.02 1.27 0.00	23.22 1.38 0.00	24.16 1.51 -0.09	24.11 1.49 -0.10	25.66 1.66 -0.29	25.97 1.69 -0.14	36.80 1.89 -7.13	38.15 2.23 -3.66	42.68 2.26 0.00	47.87 2.06 0.00	47.06 1.55 0.00	41.64 1.68 0.00	35.38 1.72 0.00	33.11 1.40 0.00	28.95 1.14 0.00
GLENWOOD____5 23614	35.45 1.72 0.00	30.91 1.36 0.00	28.30 1.01 0.00	29.58 1.11 0.00	28.83 0.95 0.00	29.94 0.93 0.00	33.05 1.36 0.00	28.60 1.31 0.00	28.68 1.31 0.00	24.02 1.27 0.00	23.22 1.38 0.00	24.16 1.51 -0.09	24.11 1.49 -0.10	25.66 1.66 -0.29	25.97 1.69 -0.14	36.80 1.89 -7.13	38.15 2.23 -3.66	42.68 2.26 0.00	47.87 2.06 0.00	47.06 1.55 0.00	41.64 1.68 0.00	35.38 1.72 0.00	33.11 1.40 0.00	28.95 1.14 0.00
GLOBAL GREEN_PORT_GT1 23814	35.51 1.79 0.00	30.70 1.15 0.00	27.92 0.63 0.00	29.09 0.63 0.00	28.27 0.39 0.00	29.36 0.35 0.00	32.55 0.86 0.00	25.51 0.44 2.21	23.62 0.38 4.13	21.83 0.66 1.58	20.00 0.90 2.74	23.84 1.19 -0.09	23.82 1.19 -0.10	25.58 1.59 -0.29	26.06 1.79 -0.14	34.62 2.61 -4.22	37.88 3.23 -2.39	43.57 3.15 0.00	48.78 2.98 0.00	47.51 2.00 0.00	41.60 1.64 0.00	35.82 2.16 0.00	33.33 1.62 0.00	29.19 1.39 0.00
GLOBE____DSASP 323697	32.48 -1.25 0.00	28.16 -1.39 0.00	25.76 -1.53 0.00	26.73 -1.74 0.00	26.15 -1.73 0.00	27.65 -1.36 0.00	29.51 -2.19 0.00	24.59 -2.46 0.24	25.29 -1.89 0.19	21.45 -1.07 0.22	20.48 -0.98 0.38	21.40 -1.04 0.12	21.48 -1.01 0.03	22.26 -0.92 0.52	22.44 -1.09 0.61	25.98 -1.81 0.00	29.45 -2.81 0.00	36.98 -3.44 0.00	41.23 -4.58 0.00	41.37 -4.14 0.00	36.21 -3.76 0.00	30.32 -3.13 0.21	29.56 -2.16 0.00	26.36 -1.45 0.00
GOETHSLN____LBMP 323567	35.04 1.32 0.00	30.67 1.12 0.00	28.16 0.87 0.00	10.00 1.11 19.58	11.86 0.84 16.86	12.46 0.84 17.40	16.34 1.01 16.36	11.05 1.06 17.31	14.64 1.18 13.90	14.89 1.09 8.95	15.24 1.18 7.78	15.37 1.29 8.47	20.67 1.31 3.16	20.58 1.35 4.47	21.75 1.38 3.76	23.18 1.50 6.10	25.51 1.84 8.59	25.50 1.98 16.90	25.97 1.88 21.71	25.84 1.68 21.35	25.23 1.60 16.33	23.34 1.31 11.63	21.54 1.14 11.31	13.62 0.95 15.13
GOLAH____69_KV_TB 1_2 80279	33.89 0.17 0.00	29.46 -0.09 0.00	27.02 -0.27 0.00	28.10 -0.37 0.00	27.55 -0.33 0.00	28.90 -0.12 0.00	31.25 -0.44 0.00	26.31 -0.71 0.27	26.66 -0.49 0.21	22.29 -0.20 0.25	21.15 -0.26 0.43	22.15 -0.27 0.14	22.20 -0.29 0.04	22.91 -0.21 0.58	23.19 -0.27 0.68	27.23 -0.56 0.00	31.23 -1.03 0.00	39.41 -1.01 0.00	44.62 -1.19 0.00	44.51 -1.00 0.00	38.96 -1.00 0.00	32.41 -1.01 0.23	31.27 -0.44 0.00	27.53 -0.28 0.00
GOODYEAR_LAKE_HYD 323669	34.64 0.91 0.00	30.32 0.77 0.00	28.00 0.71 0.00	29.18 0.71 0.00	28.61 0.72 0.00	29.71 0.70 0.00	32.45 0.76 0.00	27.87 0.57 0.00	27.80 0.44 0.00	23.02 0.27 0.00	22.11 0.26 0.00	22.83 0.27 0.00	22.78 0.25 0.00	23.99 0.28 0.00	24.40 0.27 0.00	28.12 0.33 0.00	32.81 0.55 0.00	41.26 0.85 0.00	47.00 1.19 0.00	46.83 1.32 0.00	41.08 1.12 0.00	34.50 0.84 0.00	32.51 0.79 0.00	28.47 0.67 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.96 0.24 0.00	29.70 0.15 0.00	27.34 0.05 0.00	28.47 0.00 0.00	27.88 0.00 0.00	29.10 0.09 0.00	31.69 0.00 0.00	27.07 -0.16 0.06	27.21 -0.11 0.05	22.67 -0.02 0.06	21.72 -0.02 0.10	22.48 -0.05 0.03	22.50 -0.02 0.01	23.57 0.00 0.13	23.96 -0.02 0.15	27.70 -0.08 0.00	32.07 -0.19 0.00	40.29 -0.12 0.00	45.67 -0.14 0.00	45.37 -0.14 0.00	39.72 -0.24 0.00	33.37 -0.24 0.05	31.65 -0.06 0.00	27.78 -0.03 0.00

GOUDEY___7 23579	33.96 0.24 0.00	29.70 0.15 0.00	27.34 0.05 0.00	28.47 0.00 0.00	27.88 0.00 0.00	29.10 0.09 0.00	31.69 0.00 0.00	27.07 -0.16 0.06	27.21 -0.11 0.05	22.67 -0.02 0.06	21.72 -0.02 0.10	22.48 -0.05 0.03	22.50 -0.02 0.01	23.57 0.00 0.13	23.96 -0.02 0.15	27.70 -0.08 0.00	32.07 -0.19 0.00	40.29 -0.12 0.00	45.67 -0.14 0.00	45.37 -0.14 0.00	39.72 -0.24 0.00	33.37 -0.24 0.05	31.65 -0.06 0.00	27.78 -0.03 0.00
GOUDEY___8 23580	33.96 0.24 0.00	29.70 0.15 0.00	27.34 0.05 0.00	28.47 0.00 0.00	27.88 0.00 0.00	29.10 0.09 0.00	31.69 0.00 0.00	27.07 -0.16 0.06	27.21 -0.11 0.05	22.67 -0.02 0.06	21.72 -0.02 0.10	22.48 -0.05 0.03	22.50 -0.02 0.01	23.57 0.00 0.13	23.96 -0.02 0.15	27.70 -0.08 0.00	32.07 -0.19 0.00	40.29 -0.12 0.00	45.67 -0.14 0.00	45.37 -0.14 0.00	39.72 -0.24 0.00	33.37 -0.24 0.05	31.65 -0.06 0.00	27.78 -0.03 0.00
GOWANUS_GT1_1 24077	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00
GOWANUS_GT1_2 24078	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00
GOWANUS_GT1_3 24079	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00
GOWANUS_GT1_4 24080	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00
GOWANUS_GT1_5 24084	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00
GOWANUS_GT1_6 24111	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28																

GOWANUS_GT2_6 24119	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
GOWANUS_GT2_7 24120	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
GOWANUS_GT2_8 24121	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
GOWANUS_GT3_1 24122	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
GOWANUS_GT3_2 24123	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
GOWANUS_GT3_3 24124	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 																

GOWANUS_GT4_5 24134	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00
GOWANUS_GT4_6 24135	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00
GOWANUS_GT4_7 24136	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00
GOWANUS_GT4_8 24137	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00
GREATVR_69_KV_BK1 356245	35.99 2.26 0.00	31.20 1.65 0.00	28.41 1.12 0.00	29.64 1.17 0.00	28.83 0.95 0.00	29.97 0.96 0.00	33.37 1.68 0.00	28.85 1.31 -0.25	29.08 1.26 -0.46	24.24 1.32 -0.18	23.59 1.44 -0.30	24.29 1.65 -0.09	24.18 1.55 -0.10	25.87 1.87 -0.29	26.21 1.93 -0.14	34.62 2.50 -4.33	37.73 3.03 -2.44	43.25 2.83 0.00	48.69 2.89 0.00	47.51 2.00 0.00	41.84 1.88 0.00	36.02 2.36 0.00	33.49 1.78 0.00	29.22 1.42 0.00
GREENBSH_115KV_TB3 55895	33.63 -0.10 0.00	29.52 -0.03 0.00	27.32 0.03 0.00	28.50 0.03 0.00	27.91 0.03 0.00	28.99 -0.03 0.00	31.66 0.03 0.00	27.32 0.03 0.00	27.34 -0.03 0.00	22.68 -0.07 0.00	21.76 -0.09 0.00	22.45 -0.07 0.04	22.39 -0.09 0.05	23.46 0.15 0.15	23.94 -0.12 0.07	27.55 -0.11 0.12	31.90 -0.03 0.33	40.25 -0.16 0.00	45.58 -0.23 0.00	45.28 -0.23 0.00	39.84 -0.12 0.00	33.69 0.03 0.00	31.68 -0.03 0.00	27.81 0.00 0.00
GREENDGE_115KV_TB5 80291	34.43 0.71 0.00	30.05 0.50 0.00	27.56 0.27 0.00	28.61 0.14 0.00	28.11 0.22 0.00	29.45 0.44 0.00	32.01 0.32 0.00	27.25 0.05 0.10	27.73 0.44 0.07	22.98 0.32 0.09	21.91 0.22 0.15	22.67 0.16 0.05	22.70 0.18 0.01	23.71 0.21 0.20	24.12 0.22 0.24	28.03 0.25 0.00	32.58 0.32 0.00	40.90 0.48 0.00	46.63 0.82 0.00	46.28 0.77 0.00	40.36 0.40 0.00	34.02 0.44 0.08	32.32 0.60 0.00	28.25 0.44 0.00
GREENIDGE___3 23582	34.43 0.71 0.00	30.05 0.50 0.00	27.56 0.27 0.00	28.61 0.14 0.00	28.11 0.22 0.00	29.45 0.44 0.00	32.01 0.32 0.00	27.25 0.05 0.10	27.73 0.44 0.07	22.98 0.32 0.09	21.91 0.22 0.15	22.67 0.16 0.05	22.70 0.18 0.01	23.71 0.21 0.20	24.12 0.22 0.24	28.03 0.25 0.00	32.58 0.32 0.00	40.90 0.48 0.00	46.63 0.82 0.00	46.28 0.77 0.00	40.36 0.40 0.00	34.02 0.44 0.08	32.32 0.60 0.00	28.25 0.44 0.00
GREENIDGE___4 23583	34.47 0.74 0.00	30.05 0.50 0.00	27.56 0.27 0.00	28.61 0.14 0.00	28.11 0.22 0.00	29.45 0.44 0.00	32.01 0.32 0.00	27.25 0.05 0.10	27.70 0.41 0.07	22.98 0.32 0.09	21.91 0.22 0.15	22.67 0.16 0.05	22.70 0.18 0.01	23.71 0.21 0.20	24.09 0.19 0.24	28.14 0.36 0.00	32.46 0.19 0.00	40.78 0.36 0.00	46.86 1.05 0.00	46.33 0.82 0.00	40.36 0.40 0.00	34.05 0.47 0.08	32.31 0.60 0.00	28.25 0.44 0.00
GREENLWN_69_KV_BK 3 55738	35.38 1.65 0.00	30.73 1.18 0.00	28.03 0.74 0.00	29.27 0.80 0.00	28.50 0.61 0.00	29.59 0.58 0.00	32.93 1.24 0.00	28.47 1.17 0.00	28.52 1.15 0.00	23.95 1.21 0.00	23.15 1.31 0.00	24.14 1.49 -0.09	24.07 1.44 -0.10	25.68 1.68 -0.29	26.02 1.74 -0.14	34.07 1.97 -4.31	37.01 2.32 -2.43	42.15 1.74 0.00	47.36 1.56 0.00	46.28 0.77 0.00	40.92 0.96 0.00	35.34 1.68 0.00	32.95 1.24 0.00	28.78 0.97 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00
GRISSOM___SOLAR 323813	35.11 1.38 0.00	30.76 1.21 0.00	28.44 1.15 0.00	29.67 1.20 0.00	29.11 1.23 0.00	30.26 1.25 0.00	32.99 1.30 0.00	28.06 0.76 0.00	27.64 0.27 0.00	22.50 -0.25 0.00	21.28 -0.57 0.00	21.78 -0.74 0.03	21.66 -0.83 0.04	22.73 -0.85 0.12	23.21 -0.87 0.06	27.05 -0.64 0.10	31.78 -0.22 0.26	41.14 0.73 0.00	47.59 1.78 0.00	47.46 1.96 0.00	41.72 1.76 0.00	35.07 1.41 0.00	32.98 1.27 0.00	28.92 1.11 0.00
GROVEVILLE___HYD 323602	35.01 1.28 0.00	30.73 1.18 0.00	28.27 0.98 0.00	29.58 1.11 0.00	28.83 0.95 0.00	29.97 0.96 0.00	32.74 1.05 0.00	28.30 1.01 0.00	28.41 1.04 0.00	23.64 0.89 0.00	22.74 0.90 0.00	23.61 0.97 -0.08	23.60 0.99 -0.09	25.00 1.04 -0.25	25.32 1.06 -0.12	29.19 1.19 -0.21	34.34 1.52 -0.57	42.23 1.82 0.00	47.78 1.97 0.00	47.42 1.91 0.00	41.64 1.68 0.00	34.94 1.28 0.00	32.89 1.17 0.00	28.81 1.00 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.59 -0.13 0.00	29.61 -0.15 -0.21	27.15 -0.19 -0.05	28.21 -0.26 0.00	27.66 -0.22 0.00	28.84 -0.17 0.00	31.63 -0.25 -0.19	27.21 -0.27 -0.19	27.09 -0.27 0.00	22.58 -0.25 -0.08	21.88 -0.28 -0.32	22.43 -0.29 -0.16	22.32 -0.29 -0.09	23.54 -0.28 -0.12	24.10 -0.31 -0.27	27.64 -0.33 -0.19	32.08 -0.42 -0.24	40.01 -0.40 0.00	45.76 -0.37 -0.32	45.56 -0.41 -0.46	39.97 -0.40 -0.41	33.67 -0.37 -0.38	31.49 -0.22 0.00	27.70 -0.22 -0.12
HAMLTNNY_34_KV_TB 80303	33.76 0.03 0.00	29.70 -0.03 -0.18	27.20 -0.14 -0.04	28.27 -0.20 0.00	27.74 -0.14 0.00	28.93 -0.09 0.00	31.70 -0.16 -0.17	27.24 -0.22 -0.17	27.17 -0.19 0.00	22.64 -0.18 -0.07	21.93 -0.20 -0.28	22.48 -0.23 -0.14	22.38 -0.23 -0.08	23.59 -0.21 -0.10	24.16 -0.22 -0.24	27.68 -0.28 -0.17	32.12 -0.35 -0.21	40.13 -0.28 0.00	45.85 -0.23 -0.28	45.69 -0.23 -0.41	40.04 -0.28 -0.36	33.72 -0.27 -0.33	31.59 -0.13 0.00	27.77 -0.14 -0.10

HAMPSHIRE___PAPER_HYD 323593	34.10 0.37 0.00	35.47 0.24 -5.68	28.86 0.22 -1.35	28.67 0.20 0.00	28.27 0.39 0.00	29.45 0.44 0.00	37.60 0.54 -5.37	33.10 0.44 -5.37	27.70 0.33 0.00	25.15 0.16 -2.24	30.89 0.15 -8.89	27.21 0.11 -4.53	25.00 0.09 -2.38	27.08 0.07 -3.30	31.80 0.12 -7.54	33.21 0.06 -5.37	39.17 0.19 -6.72	40.82 0.40 0.00	55.43 0.87 -8.76	59.17 0.82 -12.84	52.09 0.84 -11.28	45.02 0.81 -10.56	32.35 0.63 0.00	31.64 0.53 -3.31
HARDSCRABBLE_WT_PWR 323673	33.86 0.14 0.00	29.89 0.15 -0.20	27.47 0.14 -0.05	28.58 0.11 0.00	28.02 0.14 0.00	29.13 0.12 0.00	32.07 0.19 -0.19	27.59 0.11 -0.19	27.42 0.05 0.00	22.87 0.05 -0.08	22.22 0.07 -0.31	22.78 0.07 -0.16	22.68 0.07 -0.08	23.89 0.07 -0.11	24.47 0.07 -0.26	28.08 0.11 -0.19	32.69 0.19 -0.23	40.70 0.28 0.00	46.43 0.32 -0.30	46.31 0.36 -0.44	40.63 0.28 -0.39	34.16 0.14 -0.36	31.78 0.06 0.00	27.86 -0.06 -0.11
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.84 1.11 0.00	30.55 1.00 0.00	28.11 0.82 0.00	29.44 0.97 0.00	28.69 0.81 0.00	29.86 0.84 0.00	32.64 0.95 0.00	28.22 0.93 0.00	28.35 0.99 0.00	23.61 0.86 0.00	22.76 0.92 0.00	23.61 0.97 -0.08	23.61 0.99 -0.09	25.01 1.04 -0.26	25.32 1.06 -0.13	29.20 1.19 -0.22	34.32 1.48 -0.58	42.19 1.78 0.00	47.64 1.83 0.00	47.24 1.73 0.00	41.48 1.52 0.00	34.84 1.18 0.00	32.76 1.05 0.00	28.69 0.89 0.00
HARSNRAD_115KV_TB1 81005	33.42 -0.30 0.00	28.90 -0.65 0.00	26.44 -0.85 0.00	27.45 -1.02 0.00	26.82 -1.06 0.00	28.38 -0.64 0.00	30.30 -1.39 0.00	25.14 -1.91 0.24	25.76 -1.42 0.19	21.82 -0.71 0.23	20.83 -0.63 0.38	21.76 -0.68 0.13	21.84 -0.65 0.03	22.64 -0.55 0.52	22.80 -0.72 0.61	26.45 -1.33 0.00	30.03 -2.23 0.00	37.75 -2.67 0.00	42.19 -3.62 0.00	42.28 -3.23 0.00	36.96 -3.00 0.00	30.92 -2.52 0.21	30.13 -1.59 0.00	27.03 -0.78 0.00
HARZA MOOSE___RIVER 24016	34.00 0.27 0.00	31.28 0.15 -1.59	27.80 0.14 -0.38	28.58 0.11 0.00	28.22 0.33 0.00	29.36 0.35 0.00	33.66 0.48 -1.50	29.12 0.33 -1.50	27.50 0.14 0.00	23.40 0.02 -0.63	24.30 -0.02 -2.48	23.80 -0.02 -1.26	23.13 -0.07 -0.66	24.55 -0.07 -0.92	26.19 -0.05 -2.10	29.20 -0.08 -1.50	34.20 0.06 -1.87	40.70 0.28 0.00	48.94 0.69 -2.44	49.73 0.64 -3.58	43.83 0.72 -3.15	37.21 0.61 -2.94	32.25 0.54 0.00	29.15 0.42 -0.92
HDSNBRDG_115KV_BRDG_TB1 355580	33.42 -0.30 0.00	29.48 -0.30 -0.23	27.02 -0.33 -0.05	28.07 -0.40 0.00	27.52 -0.36 0.00	28.70 -0.32 0.00	31.50 -0.41 -0.22	26.96 -0.44 -0.11	26.87 -0.34 0.09	21.68 -0.35 0.01	22.30 -0.38 -0.18	22.30 -0.36 -0.13	22.25 -0.38 -0.08	23.22 -0.39 0.11	23.77 -0.44 -0.02	27.56 -0.58 -0.22	31.95 -0.69 -0.27	39.73 -0.73 0.00	45.43 -0.73 -0.36	45.30 -0.73 -0.52	39.74 -0.68 -0.46	33.42 -0.57 -0.33	31.33 -0.38 0.00	27.58 -0.36 -0.13
HELLGATE_13_KV_LD 55870	35.48 1.75 0.00	31.06 1.51 0.00	28.49 1.20 0.00	29.84 1.37 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.99 1.30 0.00	28.60 1.31 0.00	28.76 1.40 0.00	24.07 1.32 0.00	23.29 1.44 0.00	24.18 1.53 -0.09	24.20 1.58 -0.10	25.63 1.64 -0.29	25.90 1.62 -0.14	29.78 1.75 -0.25	35.04 2.13 -0.65	42.76 2.34 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.92 1.96 0.00	35.27 1.62 0.00	33.20 1.49 0.00	29.11 1.31 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.48 1.75 0.00	31.06 1.51 0.00	28.49 1.20 0.00	29.84 1.37 0.00	29.11 1.23 0.00	30.20 1.19 0.00	32.99 1.30 0.00	28.60 1.31 0.00	28.76 1.40 0.00	24.07 1.32 0.00	23.29 1.44 0.00	24.18 1.53 -0.09	24.20 1.58 -0.10	25.63 1.64 -0.29	25.90 1.62 -0.14	29.78 1.75 -0.25	35.04 2.13 -0.65	42.76 2.34 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.92 1.96 0.00	35.27 1.62 0.00	33.20 1.49 0.00	29.11 1.31 0.00
HEMPSTEAD____ 23647	35.38 1.65 0.00	30.82 1.27 0.00	28.16 0.87 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.77 0.75 0.00	32.99 1.30 0.00	28.52 1.23 0.00	28.60 1.23 0.00	23.98 1.23 0.00	23.18 1.33 0.00	24.14 1.49 -0.09	24.07 1.44 -0.10	25.66 1.66 -0.29	26.02 1.74 -0.14	35.88 1.92 -6.18	37.73 2.22 -3.25	42.56 2.14 0.00	47.59 1.78 0.00	46.78 1.27 0.00	41.28 1.32 0.00	35.24 1.58 0.00	32.98 1.27 0.00	28.86 1.06 0.00
HICKLING___1 23621	34.06 0.34 0.00	29.73 0.18 0.00	27.29 0.00 0.00	28.33 -0.14 0.00	27.77 -0.11 0.00	29.13 0.12 0.00	31.60 -0.10 0.00	26.75 -0.44 0.10	26.96 -0.33 0.08	22.49 -0.16 0.09	21.53 -0.15 0.16	22.30 -0.20 0.05	22.33 -0.18 0.01	23.37 -0.12 0.22	23.69 -0.19 0.25	27.45 -0.33 0.00	31.68 -0.58 0.00	39.93 -0.48 0.00	45.26 -0.55 0.00	45.05 -0.46 0.00	39.32 -0.64 0.00	32.97 -0.61 0.09	31.43 -0.29 0.00	27.64 -0.17 0.00
HICKLING___2 23622	34.06 0.34 0.00	29.73 0.18 0.00	27.29 0.00 0.00	28.33 -0.14 0.00	27.77 -0.11 0.00	29.13 0.12 0.00	31.60 -0.10 0.00	26.75 -0.44 0.10	26.96 -0.33 0.08	22.49 -0.16 0.09	21.53 -0.15 0.16	22.30 -0.20 0.05	22.33 -0.18 0.01	23.37 -0.12 0.22	23.69 -0.19 0.25	27.45 -0.33 0.00	31.68 -0.58 0.00	39.93 -0.48 0.00	45.26 -0.55 0.00	45.05 -0.46 0.00	39.32 -0.64 0.00	32.97 -0.61 0.09	31.43 -0.29 0.00	27.64 -0.17 0.00
HIGH FALLS___HY 23754	35.14 1.42 0.00	30.82 1.27 0.00	28.38 1.09 0.00	29.69 1.22 0.00	28.92 1.03 0.00	30.09 1.07 0.00	32.83 1.14 0.00	28.38 1.09 0.00	28.49 1.12 0.00	23.70 0.96 0.00	22.80 0.96 0.00	23.60 0.99 -0.05	23.62 1.04 -0.05	24.97 1.11 -0.15	25.34 1.13 -0.07	29.19 1.28 -0.13	34.24 1.65 -0.34	42.48 2.06 0.00	48.05 2.24 0.00	47.74 2.23 0.00	41.88 1.92 0.00	35.07 1.41 0.00	33.01 1.30 0.00	28.92 1.11 0.00
HIGH_RIVER___SOLAR 323847	34.57 0.84 0.00	30.32 0.77 0.00	28.03 0.74 0.00	29.24 0.77 0.00	28.64 0.75 0.00	29.77 0.75 0.00	32.48 0.79 0.00	27.81 0.52 0.00	27.58 0.22 0.00	22.63 -0.11 0.00	21.52 -0.33 0.00	22.14 -0.38 0.04	22.06 -0.43 0.04	23.15 -0.43 0.12	23.62 -0.46 0.06	27.35 -0.33 0.10	31.92 -0.06 0.28	40.90 0.49 0.00	46.81 1.01 0.00	46.65 1.14 0.00	41.00 1.04 0.00	34.50 0.84 0.00	32.47 0.76 0.00	28.47 0.67 0.00
HILLBURN___GT 23639	34.84 1.11 0.00	30.52 0.97 0.00	28.08 0.79 0.00	29.44 0.97 0.00	28.69 0.81 0.00	29.86 0.84 0.00	32.68 0.98 0.00	28.27 0.98 0.00	28.43 1.07 0.00	23.70 0.96 0.00	22.87 1.03 0.00	23.74 1.11 -0.08	23.74 1.13 -0.09	25.15 1.18 -0.26	25.47 1.21 -0.13	29.37 1.36 -0.22	34.52 1.68 -0.59	42.32 1.90 0.00	47.55 1.74 0.00	47.24 1.73 0.00	41.48 1.52 0.00	34.87 1.21 0.00	32.79 1.08 0.00	28.67 0.86 0.00
HILLSIDE_115KV_TB1 80332	33.73 0.00 0.00	29.43 -0.12 0.00	27.04 -0.25 0.00	28.10 -0.37 0.00	27.52 -0.36 0.00	28.84 -0.17 0.00	31.31 -0.38 0.00	26.57 -0.63 0.09	26.83 -0.47 0.07	22.39 -0.27 0.09	21.43 -0.26 0.15	22.22 -0.29 0.05	22.25 -0.27 0.01	23.26 -0.24 0.20	23.61 -0.29 0.24	27.34 -0.44 0.00	31.55 -0.71 0.00	39.73 -0.69 0.00	44.98 -0.82 0.00	44.74 -0.77 0.00	39.08 -0.88 0.00	32.77 -0.81 0.08	31.21 -0.51 0.00	27.42 -0.39 0.00

HISHELDN_WT_PWR 323625	33.53 -0.20 0.00	29.05 -0.50 0.00	26.58 -0.71 0.00	27.56 -0.91 0.00	26.94 -0.95 0.00	28.43 -0.58 0.00	30.58 -1.11 0.00	25.53 -1.55 0.21	25.89 -1.31 0.16	21.88 -0.68 0.19	20.88 -0.63 0.32	21.78 -0.68 0.11	21.87 -0.63 0.03	22.72 -0.54 0.44	22.90 -0.72 0.52	26.81 -0.97 0.00	29.94 -2.32 0.00	37.79 -2.63 0.00	43.42 -2.38 0.00	42.96 -2.55 0.00	37.45 -2.52 0.00	31.39 -2.09 0.18	30.22 -1.49 0.00	26.86 -0.95 0.00
HOLTSVILLE_IC_1 23690	35.41 1.69 0.00	30.73 1.18 0.00	27.97 0.68 0.00	29.21 0.74 0.00	28.41 0.53 0.00	29.51 0.49 0.00	32.87 1.17 0.00	28.25 0.95 0.00	28.30 0.93 0.00	23.77 1.02 0.00	22.98 1.14 0.00	23.98 1.33 -0.09	23.89 1.26 -0.10	25.54 1.54 -0.29	25.92 1.64 -0.14	34.05 2.06 -4.21	37.17 2.52 -2.39	42.60 2.18 0.00	47.69 1.88 0.00	46.69 1.18 0.00	41.08 1.12 0.00	35.37 1.72 0.00	32.98 1.27 0.00	28.80 1.00 0.00
HOLTSVILLE_IC_10 23699	35.58 1.85 0.00	30.85 1.30 0.00	28.11 0.82 0.00	29.32 0.85 0.00	28.52 0.64 0.00	29.62 0.61 0.00	33.02 1.33 0.00	29.00 1.04 -0.67	29.59 0.98 -1.24	24.32 1.09 -0.48	23.87 1.20 -0.82	24.05 1.40 -0.09	23.96 1.33 -0.10	25.61 1.61 -0.29	26.02 1.74 -0.14	34.22 2.19 -4.24	37.34 2.68 -2.40	42.84 2.42 0.00	47.96 2.15 0.00	46.92 1.41 0.00	41.28 1.32 0.00	35.58 1.92 0.00	33.14 1.43 0.00	28.92 1.11 0.00
HOLTSVILLE_IC_2 23691	35.41 1.69 0.00	30.73 1.18 0.00	27.97 0.68 0.00	29.21 0.74 0.00	28.41 0.53 0.00	29.51 0.49 0.00	32.87 1.17 0.00	28.25 0.95 0.00	28.30 0.93 0.00	23.77 1.02 0.00	22.98 1.14 0.00	23.98 1.33 -0.09	23.89 1.26 -0.10	25.54 1.54 -0.29	25.92 1.64 -0.14	34.05 2.06 -4.21	37.17 2.52 -2.39	42.60 2.18 0.00	47.69 1.88 0.00	46.69 1.18 0.00	41.08 1.12 0.00	35.37 1.72 0.00	32.98 1.27 0.00	28.80 1.00 0.00
HOLTSVILLE_IC_3 23692	35.41 1.69 0.00	30.73 1.18 0.00	27.97 0.68 0.00	29.21 0.74 0.00	28.41 0.53 0.00	29.51 0.49 0.00	32.87 1.17 0.00	28.25 0.95 0.00	28.30 0.93 0.00	23.77 1.02 0.00	22.98 1.14 0.00	23.98 1.33 -0.09	23.89 1.26 -0.10	25.54 1.54 -0.29	25.92 1.64 -0.14	34.05 2.06 -4.21	37.17 2.52 -2.39	42.60 2.18 0.00	47.69 1.88 0.00	46.69 1.18 0.00	41.08 1.12 0.00	35.37 1.72 0.00	32.98 1.27 0.00	28.80 1.00 0.00
HOLTSVILLE_IC_4 23693	35.41 1.69 0.00	30.73 1.18 0.00	27.97 0.68 0.00	29.21 0.74 0.00	28.41 0.53 0.00	29.51 0.49 0.00	32.87 1.17 0.00	28.25 0.95 0.00	28.30 0.93 0.00	23.77 1.02 0.00	22.98 1.14 0.00	23.98 1.33 -0.09	23.89 1.26 -0.10	25.54 1.54 -0.29	25.92 1.64 -0.14	34.05 2.06 -4.21	37.17 2.52 -2.39	42.60 2.18 0.00	47.69 1.88 0.00	46.69 1.18 0.00	41.08 1.12 0.00	35.37 1.72 0.00	32.98 1.27 0.00	28.80 1.00 0.00
HOLTSVILLE_IC_5 23694	35.41 1.69 0.00	30.73 1.18 0.00	27.97 0.68 0.00	29.21 0.74 0.00	28.41 0.53 0.00	29.51 0.49 0.00	32.87 1.17 0.00	28.25 0.95 0.00	28.30 0.93 0.00	23.77 1.02 0.00	22.98 1.14 0.00	23.98 1.33 -0.09	23.89 1.26 -0.10	25.54 1.54 -0.29	25.92 1.64 -0.14	34.05 2.06 -4.21	37.17 2.52 -2.39	42.60 2.18 0.00	47.69 1.88 0.00	46.69 1.18 0.00	41.08 1.12 0.00	35.37 1.72 0.00	32.98 1.27 0.00	28.80 1.00 0.00
HOLTSVILLE_IC_6 23695	35.58 1.85 0.00	30.85 1.30 0.00	28.11 0.82 0.00	29.32 0.85 0.00	28.52 0.64 0.00	29.62 0.61 0.00	33.02 1.33 0.00	29.00 1.04 -0.67	29.59 0.98 -1.24	24.32 1.09 -0.48	23.87 1.20 -0.82	24.05 1.40 -0.09	23.96 1.33 -0.10	25.61 1.61 -0.29	26.02 1.74 -0.14	34.22 2.19 -4.24	37.34 2.68 -2.40	42.84 2.42 0.00	47.96 2.15 0.00	46.92 1.41 0.00	41.28 1.32 0.00	35.58 1.92 0.00	33.14 1.43 0.00	28.92 1.11 0.00
HOLTSVILLE_IC_7 23696	35.58 1.85 0.00	30.85 1.30 0.00	28.11 0.82 0.00	29.32 0.85 0.00	28.52 0.64 0.00	29.62 0.61 0.00	33.02 1.33 0.00	29.00 1.04 -0.67	29.59 0.98 -1.24	24.32 1.09 -0.48	23.87 1.20 -0.82	24.05 1.40 -0.09	23.96 1.33 -0.10	25.61 1.61 -0.29	26.02 1.74 -0.14	34.22 2.19 -4.24	37.34 2.68 -2.40	42.84 2.42 0.00	47.96 2.15 0.00	46.92 1.41 0.00	41.28 1.32 0.00	35.58 1.92 0.00	33.14 1.43 0.00	28.92 1.11 0.00
HOLTSVILLE_IC_8 23697	35.58 1.85 0.00	30.85 1.30 0.00	28.11 0.82 0.00	29.32 0.85 0.00	28.52 0.64 0.00	29.62 0.61 0.00	33.02 1.33 0.00	29.00 1.04 -0.67	29.59 0.98 -1.24	24.32 1.09 -0.48	23.87 1.20 -0.82	24.05 1.40 -0.09	23.96 1.33 -0.10	25.61 1.61 -0.29	26.02 1.74 -0.14	34.22 2.19 -4.24	37.34 2.68 -2.40	42.84 2.42 0.00	47.96 2.15 0.00	46.92 1.41 0.00	41.28 1.32 0.00	35.58 1.92 0.00	33.14 1.43 0.00	28.92 1.11 0.00
HOLTSVILLE_IC_9 23698	35.58 1.85 0.00	30.85 1.30 0.00	28.11 0.82 0.00	29.32 0.85 0.00	28.52 0.64 0.00	29.62 0.61 0.00	33.02 1.33 0.00	29.00 1.04 -0.67	29.59 0.98 -1.24	24.32 1.09 -0.48	23.87 1.20 -0.82	24.05 1.40 -0.09	23.96 1.33 -0.10	25.61 1.61 -0.29	26.02 1.74 -0.14	34.22 2.19 -4.24	37.34 2.68 -2.40	42.84 2.42 0.00	47.96 2.15 0.00	46.92 1.41 0.00	41.28 1.32 0.00	35.58 1.92 0.00	33.14 1.43 0.00	28.92 1.11 0.00
HOMER_HL_115KV_TB2 355744	33.32 -0.40 0.00	28.93 -0.62 0.00	26.47 -0.82 0.00	27.42 -1.05 0.00	26.80 -1.09 0.00	28.41 -0.61 0.00	30.68 -1.01 0.00	25.51 -1.58 0.20	26.20 -1.01 0.16	22.10 -0.45 0.19	21.15 -0.37 0.32	22.03 -0.43 0.10	22.12 -0.38 0.03	22.98 -0.28 0.43	23.19 -0.43 0.51	27.01 -0.78 0.00	30.84 -1.42 0.00	38.88 -1.54 0.00	43.65 -2.15 0.00	43.55 -1.96 0.00	37.72 -2.24 0.00	31.53 -1.95 0.17	30.41 -1.30 0.00	26.83 -0.97 0.00
HOWARD_WT_PWR 323690	34.16 0.44 0.00	29.73 0.18 0.00	27.21 -0.08 0.00	28.21 -0.26 0.00	27.66 -0.22 0.00	29.13 0.12 0.00	31.53 -0.16 0.00	26.55 -0.60 0.15	27.99 0.74 0.11	23.25 0.64 0.13	22.12 0.50 0.23	22.91 0.43 0.07	22.96 0.45 0.02	23.94 0.55 0.31	24.26 0.48 0.36	28.51 0.72 0.00	32.75 0.48 0.00	41.47 1.05 0.00	47.73 1.92 0.00	46.96 1.46 0.00	40.80 0.84 0.00	34.14 0.61 0.12	32.38 0.67 0.00	28.25 0.44 0.00
HQ_GEN_CEDARS 23644	34.23 0.51 0.00	41.72 0.47 -11.69	30.53 0.46 -2.78	28.98 0.51 0.00	28.39 0.50 0.00	29.59 0.58 0.00	43.37 0.63 -11.04	38.91 0.57 -11.04	27.97 0.60 0.00	27.82 0.45 -4.62	40.62 0.48 -18.29	32.36 0.47 -9.32	27.88 0.45 -4.90	30.94 0.45 -6.79	40.18 0.53 -15.51	39.41 0.58 -11.04	46.79 0.71 -13.82	41.31 0.89 0.00	64.92 1.10 -18.02	73.01 1.09 -26.41	64.13 0.96 -23.21	56.18 0.81 -21.72	32.32 0.60 0.00	35.20 0.58 -6.81
HQ_GEN_CEDARS_PROXY 323590	34.23 0.51 0.00	41.72 0.47 -11.69	30.53 0.46 -2.78	28.98 0.51 0.00	28.39 0.50 0.00	29.59 0.58 0.00	40.19 0.63 -7.86	42.09 0.57 -14.23	27.97 0.60 0.00	27.82 0.45 -4.62	40.62 0.48 -18.29	32.36 0.47 -9.32	27.88 0.45 -4.90	30.94 0.45 -6.79	40.18 0.53 -15.51	39.35 0.53 -11.04	46.79 0.71 -13.82	41.30 0.89 0.00	64.92 1.10 -18.02	73.01 1.09 -26.41	64.13 0.96 -23.21	56.18 0.81 -21.72	32.31 0.60 0.00	35.20 0.58 -6.81

HQ_GEN_IMPORT 323601	33.83 0.10 0.00	29.20 0.09 0.44	27.29 0.11 0.10	28.58 0.11 0.00	28.02 0.14 0.00	29.19 0.18 0.00	28.28 0.19 3.60	30.25 0.19 -2.77	27.56 0.19 0.00	22.73 0.16 0.17	21.33 0.17 0.69	22.37 0.16 0.35	22.50 0.16 0.18	23.61 0.17 0.26	23.74 0.19 0.58	27.54 0.17 0.42	31.97 0.23 0.52	40.70 0.28 0.00	45.49 0.36 0.68	44.88 0.36 0.99	39.41 0.32 0.87	33.11 0.27 0.82	31.90 0.19 0.00	27.74 0.20 0.26
HQ_GEN_WHEEL 23651	33.83 0.10 0.00	29.20 0.09 0.44	27.29 0.11 0.10	28.58 0.11 0.00	28.02 0.14 0.00	29.19 0.18 0.00	28.28 0.19 3.60	30.25 0.19 -2.77	27.56 0.19 0.00	22.73 0.16 0.17	21.33 0.17 0.69	22.37 0.16 0.35	22.50 0.16 0.18	23.61 0.17 0.26	23.74 0.19 0.58	27.54 0.17 0.42	31.97 0.23 0.52	40.70 0.28 0.00	45.49 0.36 0.68	44.88 0.36 0.99	39.41 0.32 0.87	33.11 0.27 0.82	31.90 0.19 0.00	27.74 0.20 0.26
HUDSON AVE_GT_3 23810	35.24 1.52 0.00	30.85 1.30 0.00	28.33 1.04 0.00	29.69 1.22 0.00	28.92 1.03 0.00	30.06 1.04 0.00	32.93 1.24 0.00	28.55 1.26 0.00	28.73 1.37 0.00	24.00 1.25 0.00	23.20 1.35 0.00	24.09 1.44 -0.09	24.09 1.46 -0.10	25.54 1.54 -0.29	25.82 1.54 -0.14	29.72 1.69 -0.24	34.98 2.06 -0.65	42.68 2.26 0.00	48.05 2.24 0.00	47.56 2.05 0.00	41.84 1.88 0.00	35.21 1.55 0.00	33.08 1.36 0.00	28.92 1.11 0.00
HUDSON AVE_GT_4 23540	35.24 1.52 0.00	30.85 1.30 0.00	28.33 1.04 0.00	29.69 1.22 0.00	28.92 1.03 0.00	30.06 1.04 0.00	32.93 1.24 0.00	28.55 1.26 0.00	28.73 1.37 0.00	24.00 1.25 0.00	23.20 1.35 0.00	24.09 1.44 -0.09	24.09 1.46 -0.10	25.54 1.54 -0.29	25.82 1.54 -0.14	29.72 1.69 -0.24	34.98 2.06 -0.65	42.68 2.26 0.00	48.05 2.24 0.00	47.56 2.05 0.00	41.84 1.88 0.00	35.21 1.55 0.00	33.08 1.36 0.00	28.92 1.11 0.00
HUDSON AVE_GT_5 23657	35.24 1.52 0.00	30.85 1.30 0.00	28.33 1.04 0.00	29.69 1.22 0.00	28.92 1.03 0.00	30.06 1.04 0.00	32.93 1.24 0.00	28.55 1.26 0.00	28.73 1.37 0.00	24.00 1.25 0.00	23.20 1.35 0.00	24.09 1.44 -0.09	24.09 1.46 -0.10	25.54 1.54 -0.29	25.82 1.54 -0.14	29.72 1.69 -0.24	34.98 2.06 -0.65	42.68 2.26 0.00	48.05 2.24 0.00	47.56 2.05 0.00	41.84 1.88 0.00	35.21 1.55 0.00	33.08 1.36 0.00	28.92 1.11 0.00
HUDSON_AVE_10 24168	35.14 1.42 0.00	30.76 1.21 0.00	28.24 0.96 0.00	29.61 1.14 0.00	28.83 0.95 0.00	29.97 0.96 0.00	32.83 1.14 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.95 1.21 0.00	23.13 1.29 0.00	24.05 1.40 -0.09	24.02 1.40 -0.10	25.47 1.47 -0.29	25.77 1.50 -0.14	29.67 1.64 -0.24	34.91 2.00 -0.65	42.60 2.18 0.00	47.91 2.11 0.00	47.47 1.96 0.00	41.80 1.84 0.00	35.14 1.48 0.00	33.01 1.30 0.00	28.86 1.06 0.00
HUDSON___115KV_TB 4 355613	34.20 0.47 0.00	30.02 0.47 0.00	27.78 0.49 0.00	28.98 0.51 0.00	28.39 0.50 0.00	29.51 0.49 0.00	32.10 0.41 0.00	27.62 0.33 0.00	27.53 0.16 0.00	22.75 0.00 0.00	21.76 -0.09 0.00	22.53 0.00 0.03	22.47 -0.02 0.03	23.58 -0.02 0.10	24.07 -0.02 0.05	27.76 0.06 0.08	32.30 0.26 0.22	40.78 0.36 0.00	46.40 0.60 0.00	46.15 0.64 0.00	40.56 0.60 0.00	34.20 0.54 0.00	32.16 0.44 0.00	28.25 0.44 0.00
HUNTER MOUNT___DRP 323613	34.30 0.57 0.00	30.14 0.59 0.00	27.89 0.60 0.00	29.07 0.60 0.00	28.47 0.59 0.00	29.59 0.58 0.00	32.17 0.48 0.00	27.62 0.33 0.00	27.53 0.16 0.00	22.68 -0.07 0.00	21.67 -0.17 0.00	22.52 -0.02 0.02	22.49 -0.02 0.02	23.63 -0.02 0.05	24.06 -0.05 0.03	27.82 0.08 0.04	32.47 0.32 0.12	40.82 0.40 0.00	46.54 0.73 0.00	46.33 0.82 0.00	40.68 0.72 0.00	34.23 0.57 0.00	32.25 0.54 0.00	28.36 0.56 0.00
HUNTINGTON_RES_REC 323705	35.45 1.72 0.00	30.79 1.24 0.00	28.05 0.76 0.00	29.27 0.80 0.00	28.50 0.61 0.00	29.59 0.58 0.00	32.96 1.27 0.00	28.36 1.06 0.00	28.41 1.04 0.00	23.86 1.11 0.00	23.09 1.24 0.00	24.07 1.42 -0.09	23.98 1.35 -0.10	25.61 1.61 -0.29	26.02 1.74 -0.14	34.15 2.11 -4.26	37.19 2.52 -2.41	42.52 2.10 0.00	47.55 1.74 0.00	46.56 1.05 0.00	41.04 1.08 0.00	35.41 1.75 0.00	33.01 1.30 0.00	28.83 1.03 0.00
HUNTLEY___63 23557	33.36 -0.37 0.00	28.90 -0.65 0.00	26.42 -0.87 0.00	27.42 -1.05 0.00	26.82 -1.06 0.00	28.38 -0.64 0.00	30.36 -1.33 0.00	25.23 -1.83 0.24	25.87 -1.31 0.18	21.94 -0.59 0.22	20.94 -0.52 0.38	21.85 -0.59 0.12	21.96 -0.54 0.03	22.77 -0.43 0.51	22.94 -0.60 0.60	26.59 -1.19 0.00	30.23 -2.03 0.00	37.95 -2.47 0.00	42.42 -3.39 0.00	42.51 -3.00 0.00	37.12 -2.84 0.00	31.06 -2.39 0.20	30.25 -1.46 0.00	27.00 -0.81 0.00
HUNTLEY___64 23558	33.36 -0.37 0.00	28.90 -0.65 0.00	26.42 -0.87 0.00	27.42 -1.05 0.00	26.82 -1.06 0.00	28.38 -0.64 0.00	30.36 -1.33 0.00	25.23 -1.83 0.24	25.87 -1.31 0.18	21.94 -0.59 0.22	20.94 -0.52 0.38	21.85 -0.59 0.12	21.96 -0.54 0.03	22.77 -0.43 0.51	22.94 -0.60 0.60	26.59 -1.19 0.00	30.23 -2.03 0.00	37.95 -2.47 0.00	42.42 -3.39 0.00	42.51 -3.00 0.00	37.12 -2.84 0.00	31.06 -2.39 0.20	30.25 -1.46 0.00	27.00 -0.81 0.00
HUNTLEY___65 23559	33.36 -0.37 0.00	28.90 -0.65 0.00	26.42 -0.87 0.00	27.42 -1.05 0.00	26.82 -1.06 0.00	28.38 -0.64 0.00	30.36 -1.33 0.00	25.23 -1.83 0.24	25.87 -1.31 0.18	21.94 -0.59 0.22	20.94 -0.52 0.38	21.85 -0.59 0.12	21.96 -0.54 0.03	22.77 -0.43 0.51	22.94 -0.60 0.60	26.59 -1.19 0.00	30.23 -2.03 0.00	37.95 -2.47 0.00	42.42 -3.39 0.00	42.51 -3.00 0.00	37.12 -2.84 0.00	31.06 -2.39 0.20	30.25 -1.46 0.00	27.00 -0.81 0.00
HUNTLEY___66 23560	33.36 -0.37 0.00	28.90 -0.65 0.00	26.42 -0.87 0.00	27.42 -1.05 0.00	26.82 -1.06 0.00	28.38 -0.64 0.00	30.36 -1.33 0.00	25.23 -1.83 0.24	25.87 -1.31 0.18	21.94 -0.59 0.22	20.94 -0.52 0.38	21.85 -0.59 0.12	21.96 -0.54 0.03	22.77 -0.43 0.51	22.94 -0.60 0.60	26.59 -1.19 0.00	30.23 -2.03 0.00	37.95 -2.47 0.00	42.42 -3.39 0.00	42.51 -3.00 0.00	37.12 -2.84 0.00	31.06 -2.39 0.20	30.25 -1.46 0.00	27.00 -0.81 0.00
HUNTLEY___67 23561	33.25 -0.47 0.00	28.78 -0.77 0.00	26.31 -0.98 0.00	27.30 -1.17 0.00	26.71 -1.17 0.00	28.23 -0.78 0.00	30.27 -1.43 0.00	25.20 -1.86 0.24	25.85 -1.34 0.18	21.92 -0.61 0.22	20.93 -0.55 0.37	21.85 -0.59 0.12	21.93 -0.56 0.03	22.75 -0.45 0.50	22.94 -0.60 0.59	26.59 -1.19 0.00	30.23 -2.03 0.00	37.95 -2.47 0.00	42.42 -3.39 0.00	42.46 -3.05 0.00	37.12 -2.84 0.00	31.07 -2.39 0.20	30.19 -1.52 0.00	26.89 -0.92 0.00
HUNTLEY___68 23562	33.25 -0.47 0.00	28.78 -0.77 0.00	26.31 -0.98 0.00	27.30 -1.17 0.00	26.71 -1.17 0.00	28.23 -0.78 0.00	30.27 -1.43 0.00	25.20 -1.86 0.24	25.85 -1.34 0.18	21.92 -0.61 0.22	20.93 -0.55 0.37	21.85 -0.59 0.12	21.93 -0.56 0.03	22.75 -0.45 0.50	22.94 -0.60 0.59	26.59 -1.19 0.00	30.23 -2.03 0.00	37.95 -2.47 0.00	42.42 -3.39 0.00	42.46 -3.05 0.00	37.12 -2.84 0.00	31.07 -2.39 0.20	30.19 -1.52 0.00	26.89 -0.92 0.00

HYLAND___LFGE 323620	35.28 1.55 0.00	30.61 1.06 0.00	27.94 0.65 0.00	29.04 0.57 0.00	28.53 0.64 0.00	30.03 1.01 0.00	32.58 0.89 0.00	27.53 0.44 0.20	28.28 1.07 0.15	23.27 0.71 0.19	21.94 0.41 0.32	22.75 0.29 0.10	22.82 0.32 0.03	23.65 0.38 0.43	24.02 0.38 0.51	28.45 0.67 0.00	32.75 0.48 0.00	41.95 1.54 0.00	48.83 3.02 0.00	48.29 2.78 0.00	42.00 2.04 0.00	34.97 1.48 0.17	33.36 1.65 0.00	29.00 1.19 0.00
INDECK___CORINTH 23802	34.06 0.34 0.00	29.93 0.38 0.00	27.70 0.41 0.00	28.87 0.40 0.00	28.36 0.47 0.00	29.45 0.44 0.00	32.07 0.38 0.00	27.51 0.22 0.00	28.24 0.88 0.00	23.27 0.52 0.00	21.98 0.13 0.00	22.58 0.07 0.05	22.45 -0.02 0.06	23.47 -0.07 0.17	23.94 -0.12 0.08	27.76 0.11 0.14	31.34 -0.55 0.37	40.42 0.00 0.00	46.13 0.32 0.00	46.06 0.55 0.00	40.48 0.52 0.00	34.10 0.44 0.00	32.16 0.44 0.00	28.19 0.39 0.00
INDECK___ILION 23567	33.83 0.10 0.00	29.86 0.12 -0.20	27.45 0.11 -0.05	28.56 0.09 0.00	28.00 0.11 0.00	29.10 0.09 0.00	32.00 0.13 -0.19	27.56 0.08 -0.19	27.42 0.05 0.00	22.85 0.02 -0.08	22.17 0.02 -0.31	22.76 0.05 -0.16	22.63 0.02 -0.08	23.86 0.05 -0.11	24.42 0.02 -0.26	28.02 0.06 -0.19	32.59 0.10 -0.23	40.58 0.16 0.00	46.34 0.23 -0.30	46.22 0.27 -0.44	40.55 0.20 -0.39	34.16 0.13 -0.36	31.78 0.06 0.00	27.95 0.03 -0.11
INDECK___OLEAN 23982	33.32 -0.40 0.00	28.93 -0.62 0.00	26.47 -0.82 0.00	27.42 -1.05 0.00	26.80 -1.09 0.00	28.40 -0.61 0.00	30.68 -1.02 0.00	25.51 -1.58 0.20	26.17 -1.04 0.16	22.10 -0.45 0.19	21.15 -0.37 0.32	22.03 -0.43 0.10	22.12 -0.38 0.03	22.99 -0.28 0.43	23.17 -0.46 0.51	27.26 -0.53 0.00	30.58 -1.68 0.00	38.60 -1.82 0.00	44.07 -1.74 0.00	43.60 -1.91 0.00	37.76 -2.20 0.00	31.63 -1.85 0.17	30.41 -1.30 0.00	26.83 -0.97 0.00
INDECK___OSWEGO 23783	33.05 -0.67 0.00	29.25 -0.65 -0.36	26.75 -0.63 -0.08	27.76 -0.71 0.00	27.24 -0.64 0.00	28.38 -0.64 0.00	31.30 -0.73 -0.34	27.25 -0.71 -0.67	26.91 -0.71 -0.25	22.58 -0.61 -0.45	22.31 -0.61 -1.08	22.38 -0.63 -0.45	22.09 -0.63 -0.19	23.96 -0.66 -0.92	24.77 -0.68 -1.31	27.37 -0.75 -0.34	31.74 -0.94 -0.42	39.33 -1.09 0.00	45.25 -1.10 -0.55	45.18 -1.14 -0.80	39.67 -1.00 -0.70	33.76 -0.84 -0.95	30.98 -0.73 0.00	27.34 -0.67 -0.21
INDECK___YERKES 23781	33.39 -0.34 0.00	28.93 -0.62 0.00	26.44 -0.85 0.00	27.45 -1.02 0.00	26.82 -1.06 0.00	28.40 -0.61 0.00	30.36 -1.33 0.00	25.25 -1.80 0.24	25.87 -1.31 0.18	21.96 -0.57 0.22	20.94 -0.52 0.38	21.87 -0.56 0.12	21.96 -0.54 0.03	22.79 -0.40 0.51	22.94 -0.60 0.60	26.87 -0.92 0.00	29.78 -2.48 0.00	37.55 -2.87 0.00	43.10 -2.70 0.00	42.60 -2.91 0.00	37.21 -2.76 0.00	31.27 -2.19 0.20	30.25 -1.46 0.00	27.00 -0.81 0.00
INDIAN POINT_GT_1 24139	34.91 1.18 0.00	30.58 1.03 0.00	28.11 0.82 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.64 0.95 0.00	28.28 0.98 0.00	28.41 1.04 0.00	23.70 0.96 0.00	22.87 1.03 0.00	23.75 1.11 -0.08	23.75 1.13 -0.09	25.16 1.19 -0.27	25.47 1.21 -0.13	29.34 1.33 -0.23	34.47 1.61 -0.60	42.19 1.78 0.00	47.59 1.79 0.00	47.15 1.64 0.00	41.40 1.44 0.00	34.87 1.21 0.00	32.76 1.05 0.00	28.64 0.83 0.00
INDIAN POINT_GT_2 23659	34.91 1.18 0.00	30.58 1.03 0.00	28.11 0.82 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.64 0.95 0.00	28.28 0.98 0.00	28.41 1.04 0.00	23.70 0.96 0.00	22.87 1.03 0.00	23.75 1.11 -0.08	23.75 1.13 -0.09	25.16 1.19 -0.27	25.47 1.21 -0.13	29.34 1.33 -0.23	34.47 1.61 -0.60	42.19 1.78 0.00	47.59 1.79 0.00	47.15 1.64 0.00	41.40 1.44 0.00	34.87 1.21 0.00	32.76 1.05 0.00	28.64 0.83 0.00
INDIAN POINT_GT_3 24019	34.91 1.18 0.00	30.58 1.03 0.00	28.11 0.82 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.64 0.95 0.00	28.28 0.98 0.00	28.41 1.04 0.00	23.70 0.96 0.00	22.87 1.03 0.00	23.75 1.11 -0.08	23.75 1.13 -0.09	25.16 1.19 -0.27	25.47 1.21 -0.13	29.34 1.33 -0.23	34.47 1.61 -0.60	42.19 1.78 0.00	47.59 1.79 0.00	47.15 1.64 0.00	41.40 1.44 0.00	34.87 1.21 0.00	32.76 1.05 0.00	28.64 0.83 0.00
INDIAN POINT___2 23530	35.01 1.28 0.00	30.67 1.12 0.00	28.19 0.90 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.64 0.95 0.00	28.27 0.98 0.00	28.41 1.04 0.00	23.70 0.96 0.00	22.87 1.03 0.00	23.75 1.11 -0.09	23.73 1.10 -0.10	25.18 1.18 -0.29	25.48 1.21 -0.14	29.39 1.36 -0.24	34.55 1.64 -0.65	42.24 1.82 0.00	47.41 1.60 0.00	47.10 1.59 0.00	41.40 1.44 0.00	34.84 1.18 0.00	32.76 1.04 0.00	28.64 0.83 0.00
INDIAN POINT___3 23531	34.84 1.11 0.00	30.52 0.98 0.00	28.08 0.79 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.64 0.95 0.00	28.28 0.98 0.00	28.41 1.04 0.00	23.68 0.93 0.00	22.85 1.00 0.00	23.72 1.08 -0.08	23.72 1.10 -0.09	25.13 1.16 -0.27	25.45 1.18 -0.13	29.31 1.31 -0.22	34.44 1.58 -0.60	42.15 1.74 0.00	47.55 1.74 0.00	47.10 1.59 0.00	41.40 1.44 0.00	34.84 1.18 0.00	32.76 1.05 0.00	28.64 0.83 0.00
INGHAM_C_115KV_TB7 356103	33.93 0.20 0.00	29.92 0.18 -0.20	27.50 0.16 -0.05	28.61 0.14 0.00	28.05 0.17 0.00	29.16 0.15 0.00	32.10 0.22 -0.19	27.61 0.14 -0.19	27.45 0.08 0.00	22.89 0.07 -0.08	22.22 0.07 -0.31	22.81 0.09 -0.16	22.70 0.09 -0.08	23.91 0.09 -0.11	24.47 0.07 -0.26	28.08 0.11 -0.19	32.69 0.19 -0.23	40.74 0.32 0.00	46.47 0.37 -0.30	46.36 0.41 -0.44	40.63 0.28 -0.39	34.22 0.20 -0.36	31.81 0.10 0.00	27.92 0.00 -0.11
IP CORINTH___1 23988	34.27 0.54 0.00	30.11 0.56 0.00	27.84 0.55 0.00	29.04 0.57 0.00	28.50 0.61 0.00	29.62 0.61 0.00	32.26 0.57 0.00	27.65 0.35 0.00	28.24 0.88 0.00	23.27 0.52 0.00	21.97 0.13 0.00	22.58 0.07 0.05	22.45 -0.02 0.06	23.46 -0.07 0.17	23.91 -0.14 0.08	27.73 0.08 0.14	31.47 -0.42 0.37	40.62 0.20 0.00	46.40 0.60 0.00	46.33 0.82 0.00	40.72 0.76 0.00	34.33 0.67 0.00	32.32 0.60 0.00	28.33 0.53 0.00
IP___TICONDEROGA 23804	35.38 1.65 0.00	31.09 1.54 0.00	28.76 1.47 0.00	29.98 1.51 0.00	29.53 1.65 0.00	30.70 1.68 0.00	33.28 1.58 0.00	28.36 1.06 0.00	28.79 1.42 0.00	23.59 0.84 0.00	22.21 0.37 0.00	22.76 0.25 0.05	22.58 0.11 0.06	23.63 0.09 0.17	24.03 -0.02 0.08	28.03 0.39 0.14	32.04 0.16 0.38	41.79 1.37 0.00	48.10 2.29 0.00	47.97 2.46 0.00	42.20 2.24 0.00	35.48 1.82 0.00	33.36 1.65 0.00	29.28 1.47 0.00
ISLIP_RES_REC 323679	35.75 2.02 0.00	30.97 1.42 0.00	28.19 0.90 0.00	29.41 0.94 0.00	28.61 0.72 0.00	29.71 0.70 0.00	33.12 1.43 0.00	28.87 1.09 -0.48	29.31 1.04 -0.90	24.23 1.14 -0.35	23.69 1.24 -0.60	24.09 1.45 -0.09	23.98 1.35 -0.10	25.66 1.66 -0.29	26.06 1.79 -0.14	34.38 2.33 -4.26	37.51 2.84 -2.41	43.04 2.63 0.00	48.23 2.43 0.00	47.14 1.64 0.00	41.48 1.52 0.00	35.71 2.05 0.00	33.27 1.55 0.00	29.00 1.19 0.00

JAMAICA__27_KV_LOAD 355505	35.35 1.62 0.00	30.94 1.39 0.00	28.35 1.06 0.00	29.72 1.25 0.00	28.94 1.06 0.00	30.12 1.10 0.00	33.02 1.33 0.00	28.68 1.39 0.00	28.84 1.48 0.00	24.11 1.36 0.00	23.31 1.46 0.00	24.20 1.56 -0.09	24.20 1.58 -0.10	25.65 1.66 -0.29	25.97 1.69 -0.14	29.86 1.83 -0.24	35.20 2.29 -0.65	42.84 2.42 0.00	48.23 2.43 0.00	47.78 2.28 0.00	42.16 2.20 0.00	35.41 1.75 0.00	33.20 1.49 0.00	29.03 1.22 0.00
JANIS__SOLAR 323808	34.84 1.11 0.00	30.47 0.92 0.00	28.00 0.71 0.00	29.10 0.63 0.00	28.61 0.72 0.00	29.86 0.84 0.00	32.61 0.92 0.00	27.87 0.57 0.00	27.72 0.35 0.00	22.84 0.09 0.00	21.82 -0.02 0.00	22.49 -0.07 0.00	22.44 -0.09 0.00	23.61 -0.09 0.00	24.04 -0.10 0.00	27.84 0.06 0.00	32.49 0.23 0.00	41.22 0.81 0.00	47.45 1.65 0.00	47.19 1.68 0.00	41.28 1.32 0.00	34.64 0.98 0.00	32.70 0.98 0.00	28.58 0.78 0.00
JARVIS____ 23743	33.76 0.03 0.00	29.77 0.03 -0.20	27.36 0.03 -0.05	28.50 0.03 0.00	27.91 0.03 0.00	29.01 0.00 0.00	31.88 0.00 -0.19	27.48 0.00 -0.19	27.34 -0.03 0.00	22.80 -0.02 -0.08	22.13 -0.02 -0.31	22.69 -0.02 -0.16	22.59 -0.02 -0.08	23.79 -0.02 -0.11	24.37 -0.02 -0.26	27.94 -0.03 -0.19	32.49 0.00 -0.23	40.42 0.00 0.00	46.11 0.00 -0.30	45.95 0.00 -0.44	40.35 0.00 -0.39	34.02 0.00 -0.36	31.71 0.00 0.00	27.92 0.00 -0.11
JENNISON____1 23625	34.91 1.18 0.00	30.55 1.00 0.00	28.11 0.82 0.00	29.21 0.74 0.00	28.69 0.81 0.00	29.91 0.90 0.00	32.67 0.98 0.00	27.95 0.66 0.00	27.83 0.47 0.00	23.04 0.30 0.00	22.08 0.24 0.00	22.79 0.23 0.00	22.73 0.20 0.00	23.94 0.24 0.00	24.35 0.22 0.00	28.06 0.28 0.00	32.81 0.55 0.00	41.43 1.01 0.00	47.36 1.56 0.00	47.28 1.77 0.00	41.36 1.40 0.00	34.70 1.04 0.00	32.76 1.05 0.00	28.67 0.86 0.00
JENNISON____2 23626	34.91 1.18 0.00	30.55 1.00 0.00	28.11 0.82 0.00	29.21 0.74 0.00	28.69 0.81 0.00	29.91 0.90 0.00	32.67 0.98 0.00	27.95 0.66 0.00	27.83 0.47 0.00	23.04 0.30 0.00	22.08 0.24 0.00	22.79 0.23 0.00	22.73 0.20 0.00	23.94 0.24 0.00	24.35 0.22 0.00	28.06 0.28 0.00	32.81 0.55 0.00	41.43 1.01 0.00	47.36 1.56 0.00	47.28 1.77 0.00	41.36 1.40 0.00	34.70 1.04 0.00	32.76 1.05 0.00	28.67 0.86 0.00
JERICOHO_RISE_WT_PWR 323719	34.57 0.84 0.00	31.57 0.77 -1.25	28.32 0.74 -0.30	29.27 0.80 0.00	28.69 0.81 0.00	29.91 0.90 0.00	33.89 1.01 -1.18	29.43 0.95 -1.18	28.41 1.04 0.00	24.13 0.89 -0.49	24.68 0.87 -1.96	24.44 0.88 -1.00	23.91 0.86 -0.53	25.31 0.88 -0.73	26.74 0.94 -1.66	30.00 1.03 -1.18	35.03 1.29 -1.48	41.99 1.57 0.00	49.89 2.15 -1.93	50.44 2.09 -2.83	44.21 1.76 -2.49	37.40 1.41 -2.33	32.85 1.14 0.00	29.54 1.00 -0.73
KATONAH__115KV_46KV_TB4 355592	35.01 1.28 0.00	30.67 1.12 0.00	28.19 0.90 0.00	29.52 1.05 0.00	28.75 0.86 0.00	29.88 0.87 0.00	32.74 1.05 0.00	28.36 1.06 0.00	28.46 1.09 0.00	23.75 1.00 0.00	22.89 1.05 0.00	23.79 1.15 -0.08	23.82 1.19 -0.09	25.21 1.23 -0.28	25.50 1.23 -0.14	29.38 1.36 -0.23	34.53 1.65 -0.62	42.28 1.86 0.00	47.73 1.92 0.00	47.28 1.77 0.00	41.56 1.60 0.00	34.94 1.28 0.00	32.85 1.14 0.00	28.75 0.95 0.00
KCE_NY_1 323755	34.60 0.88 0.00	30.38 0.83 0.00	28.08 0.79 0.00	29.30 0.83 0.00	28.72 0.84 0.00	29.83 0.81 0.00	32.51 0.82 0.00	27.92 0.63 0.00	28.08 0.71 0.00	23.16 0.41 0.00	22.06 0.22 0.00	22.69 0.18 0.05	22.61 0.14 0.06	23.65 0.12 0.18	24.15 0.10 0.09	27.91 0.28 0.15	32.16 0.29 0.39	41.18 0.77 0.00	46.81 1.01 0.00	46.69 1.18 0.00	41.04 1.08 0.00	34.60 0.94 0.00	32.57 0.86 0.00	28.56 0.75 0.00
KCE_NY_6_ESR 323823	33.56 -0.17 0.00	29.05 -0.50 0.00	26.55 -0.74 0.00	27.56 -0.91 0.00	26.94 -0.95 0.00	28.49 -0.52 0.00	30.61 -1.08 0.00	25.46 -1.61 0.23	26.04 -1.15 0.17	22.08 -0.45 0.21	21.09 -0.39 0.36	22.01 -0.43 0.12	22.09 -0.40 0.03	22.96 -0.26 0.48	23.09 -0.48 0.57	27.06 -0.72 0.00	30.10 -2.16 0.00	37.95 -2.47 0.00	43.56 -2.24 0.00	43.01 -2.50 0.00	37.48 -2.48 0.00	31.51 -1.95 0.19	30.44 -1.27 0.00	27.06 -0.75 0.00
KEDC_PORT_JEFF_GT2 24210	35.55 1.82 0.00	30.85 1.30 0.00	28.08 0.79 0.00	29.30 0.83 0.00	28.52 0.64 0.00	29.62 0.61 0.00	32.99 1.30 0.00	28.33 1.04 0.00	28.35 0.98 0.00	23.84 1.09 0.00	23.04 1.20 0.00	24.05 1.40 -0.09	23.96 1.33 -0.10	25.61 1.61 -0.29	25.99 1.71 -0.14	34.21 2.19 -4.23	37.30 2.65 -2.40	42.76 2.34 0.00	47.91 2.11 0.00	46.87 1.36 0.00	41.24 1.28 0.00	35.54 1.88 0.00	33.11 1.39 0.00	28.89 1.08 0.00
KEDC_PORT_JEFF_GT3 24211	35.55 1.82 0.00	30.85 1.30 0.00	28.08 0.79 0.00	29.30 0.83 0.00	28.52 0.64 0.00	29.62 0.61 0.00	32.99 1.30 0.00	28.33 1.04 0.00	28.35 0.98 0.00	23.84 1.09 0.00	23.04 1.20 0.00	24.05 1.40 -0.09	23.96 1.33 -0.10	25.61 1.61 -0.29	25.99 1.71 -0.14	34.21 2.19 -4.23	37.30 2.65 -2.40	42.76 2.34 0.00	47.91 2.11 0.00	46.87 1.36 0.00	41.24 1.28 0.00	35.54 1.88 0.00	33.11 1.39 0.00	28.89 1.08 0.00
KEDC_GLWD_GT4 24219	35.45 1.72 0.00	30.91 1.36 0.00	28.30 1.01 0.00	29.58 1.11 0.00	28.83 0.95 0.00	29.94 0.93 0.00	33.05 1.36 0.00	28.58 1.28 0.00	28.68 1.31 0.00	24.02 1.27 0.00	23.22 1.38 0.00	24.16 1.51 -0.09	24.11 1.49 -0.10	25.66 1.66 -0.29	25.99 1.71 -0.14	36.83 1.92 -7.13	38.18 2.26 -3.66	42.76 2.34 0.00	47.59 1.78 0.00	46.92 1.41 0.00	41.60 1.64 0.00	35.31 1.65 0.00	33.11 1.39 0.00	28.95 1.14 0.00
KEDC_GLWD_GT5 24220	35.45 1.72 0.00	30.91 1.36 0.00	28.30 1.01 0.00	29.58 1.11 0.00	28.83 0.95 0.00	29.94 0.93 0.00	33.05 1.36 0.00	28.58 1.28 0.00	28.68 1.31 0.00	24.02 1.27 0.00	23.22 1.38 0.00	24.16 1.51 -0.09	24.11 1.49 -0.10	25.66 1.66 -0.29	25.99 1.71 -0.14	36.83 1.92 -7.13	38.18 2.26 -3.66	42.76 2.34 0.00	47.59 1.78 0.00	46.92 1.41 0.00	41.60 1.64 0.00	35.31 1.65 0.00	33.11 1.39 0.00	28.95 1.14 0.00
KENSICO____ 23655	35.01 1.28 0.00	30.67 1.12 0.00	28.19 0.90 0.00	29.50 1.02 0.00	28.75 0.86 0.00	29.86 0.84 0.00	32.74 1.05 0.00	28.36 1.06 0.00	28.49 1.12 0.00	23.77 1.02 0.00	22.96 1.11 0.00	23.84 1.20 -0.08	23.84 1.22 -0.10	25.27 1.28 -0.28	25.58 1.30 -0.14	29.47 1.44 -0.24	34.63 1.74 -0.63	42.32 1.90 0.00	47.68 1.88 0.00	47.24 1.73 0.00	41.52 1.56 0.00	34.94 1.28 0.00	32.85 1.14 0.00	28.72 0.92 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.08 1.35 0.00	30.79 1.24 0.00	28.33 1.04 0.00	29.64 1.17 0.00	28.89 1.00 0.00	30.06 1.04 0.00	32.77 1.08 0.00	28.33 1.04 0.00	28.41 1.04 0.00	23.61 0.86 0.00	22.70 0.85 0.00	23.51 0.90 -0.05	23.53 0.95 -0.06	24.86 1.00 -0.17	25.23 1.01 -0.08	29.09 1.17 -0.14	34.15 1.52 -0.37	42.36 1.94 0.00	47.96 2.15 0.00	47.65 2.14 0.00	41.80 1.84 0.00	35.01 1.35 0.00	32.95 1.24 0.00	28.89 1.08 0.00

KIAC_JFK_GT1 23816	35.14 1.42 0.00	30.76 1.21 0.00	28.22 0.93 0.00	29.55 1.08 0.00	28.80 0.92 0.00	29.94 0.93 0.00	32.86 1.17 0.00	28.52 1.23 0.00	28.68 1.31 0.00	23.98 1.23 0.00	23.18 1.33 0.00	24.09 1.44 -0.09	24.07 1.44 -0.10	25.51 1.52 -0.29	25.82 1.54 -0.14	29.70 1.67 -0.24	35.01 2.10 -0.65	42.48 2.06 0.00	47.78 1.97 0.00	47.33 1.82 0.00	41.92 1.96 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.86 1.06 0.00
KIAC_JFK_GT2 23817	35.14 1.42 0.00	30.76 1.21 0.00	28.22 0.93 0.00	29.55 1.08 0.00	28.80 0.92 0.00	29.94 0.93 0.00	32.86 1.17 0.00	28.52 1.23 0.00	28.68 1.31 0.00	23.98 1.23 0.00	23.18 1.33 0.00	24.09 1.44 -0.09	24.07 1.44 -0.10	25.51 1.52 -0.29	25.82 1.54 -0.14	29.70 1.67 -0.24	35.01 2.10 -0.65	42.48 2.06 0.00	47.78 1.97 0.00	47.33 1.82 0.00	41.92 1.96 0.00	35.21 1.55 0.00	33.01 1.30 0.00	28.86 1.06 0.00
KIAC_JFK____ 323774	35.14 1.42 0.00	30.76 1.21 0.00	28.22 0.93 0.00	29.55 1.08 0.00	28.80 0.92 0.00	29.94 0.93 0.00	32.87 1.17 0.00	28.52 1.23 0.00	28.68 1.31 0.00	23.98 1.23 0.00	23.18 1.33 0.00	24.09 1.45 -0.09	24.07 1.44 -0.10	25.51 1.52 -0.29	25.82 1.55 -0.14	29.72 1.70 -0.24	35.04 2.13 -0.65	42.52 2.10 0.00	47.59 1.78 0.00	47.28 1.77 0.00	41.88 1.92 0.00	35.18 1.52 0.00	33.04 1.33 0.00	28.86 1.06 0.00
KINTIGH__24_KV_GSU 356498	33.19 -0.54 0.00	28.72 -0.83 0.00	26.31 -0.98 0.00	27.30 -1.17 0.00	26.71 -1.17 0.00	28.17 -0.84 0.00	30.30 -1.39 0.00	25.34 -1.69 0.26	25.94 -1.23 0.20	21.91 -0.59 0.24	20.89 -0.55 0.41	21.86 -0.56 0.13	21.93 -0.56 0.03	22.70 -0.45 0.56	22.85 -0.63 0.65	26.87 -0.92 0.00	29.94 -2.32 0.00	37.75 -2.67 0.00	43.29 -2.52 0.00	42.78 -2.73 0.00	37.40 -2.56 0.00	31.38 -2.05 0.22	30.35 -1.36 0.00	26.91 -0.89 0.00
KINTIGH____ 23543	33.19 -0.54 0.00	28.72 -0.83 0.00	26.31 -0.98 0.00	27.30 -1.17 0.00	26.74 -1.14 0.00	28.17 -0.84 0.00	30.30 -1.39 0.00	25.34 -1.69 0.26	25.93 -1.23 0.20	21.92 -0.59 0.24	20.89 -0.55 0.41	21.86 -0.56 0.13	21.93 -0.56 0.03	22.70 -0.45 0.56	22.88 -0.60 0.65	26.64 -1.14 0.00	30.33 -1.94 0.00	38.11 -2.30 0.00	42.69 -3.11 0.00	42.73 -2.78 0.00	37.40 -2.56 0.00	31.25 -2.19 0.22	30.35 -1.36 0.00	26.92 -0.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.24 1.52 0.00	31.68 1.39 -0.75	28.78 1.31 -0.18	29.87 1.40 0.00	29.28 1.39 0.00	30.55 1.54 0.00	34.11 1.71 -0.70	29.55 1.56 -0.70	29.06 1.70 0.00	24.48 1.43 -0.29	24.41 1.40 -1.17	24.55 1.40 -0.60	24.24 1.40 -0.31	25.56 1.42 -0.43	26.65 1.52 -0.99	30.27 1.78 -0.70	35.24 2.10 -0.88	43.00 2.59 0.00	50.48 3.53 -1.15	50.65 3.46 -1.69	44.36 2.92 -1.48	37.37 2.32 -1.39	33.65 1.93 0.00	29.96 1.72 -0.43
LACHUTE____HYDRO 323717	35.38 1.65 0.00	31.09 1.54 0.00	28.76 1.47 0.00	29.98 1.51 0.00	29.53 1.64 0.00	30.70 1.68 0.00	33.28 1.58 0.00	28.36 1.06 0.00	28.79 1.42 0.00	23.59 0.84 0.00	22.21 0.37 0.00	22.76 0.25 0.05	22.58 0.11 0.06	23.63 0.10 0.17	24.03 -0.02 0.08	28.03 0.39 0.14	32.08 0.19 0.38	41.79 1.37 0.00	48.05 2.24 0.00	47.96 2.46 0.00	42.20 2.24 0.00	35.48 1.82 0.00	33.36 1.65 0.00	29.28 1.47 0.00
LAWRNCALV_115KV_TB1 80681	34.30 0.57 0.00	39.24 0.50 -9.19	29.96 0.49 -2.18	29.01 0.54 0.00	28.47 0.59 0.00	29.68 0.67 0.00	41.13 0.76 -8.68	36.65 0.68 -8.68	28.02 0.66 0.00	26.85 0.48 -3.63	36.72 0.50 -14.37	30.36 0.47 -7.32	26.85 0.47 -3.85	29.49 0.45 -5.33	36.85 0.53 -12.19	37.07 0.61 -8.68	43.86 0.74 -10.86	41.39 0.97 0.00	61.29 1.33 -14.15	67.62 1.37 -20.75	59.39 1.20 -18.23	51.69 0.98 -17.06	32.47 0.76 0.00	33.85 0.70 -5.35
LEDERLE____ 23769	34.94 1.21 0.00	30.64 1.09 0.00	28.19 0.90 0.00	29.52 1.05 0.00	28.78 0.89 0.00	29.94 0.93 0.00	32.77 1.08 0.00	28.36 1.06 0.00	28.52 1.15 0.00	23.77 1.02 0.00	22.94 1.09 0.00	23.79 1.15 -0.08	23.79 1.17 -0.09	25.20 1.23 -0.27	25.52 1.26 -0.13	29.42 1.42 -0.22	34.59 1.74 -0.59	42.40 1.98 0.00	47.82 2.02 0.00	47.37 1.87 0.00	41.60 1.64 0.00	35.01 1.35 0.00	32.89 1.17 0.00	28.78 0.97 0.00
LIGHTHSE_115KV_TB6 355974	33.49 -0.24 0.00	30.05 -0.33 -0.83	27.13 -0.35 -0.20	28.04 -0.43 0.00	27.55 -0.33 0.00	28.72 -0.29 0.00	32.16 -0.32 -0.78	27.78 -0.35 -0.85	26.98 -0.44 -0.05	22.70 -0.43 -0.39	22.78 -0.46 -1.40	22.78 -0.47 -0.69	22.39 -0.50 -0.36	23.80 -0.52 -0.62	24.87 -0.53 -1.26	27.95 -0.61 -0.78	32.56 -0.68 -0.98	39.69 -0.73 0.00	46.49 -0.60 -1.27	46.83 -0.55 -1.87	41.20 -0.40 -1.64	34.95 -0.30 -1.59	31.46 -0.25 0.00	28.01 -0.28 -0.48
LINDEN COGEN____ 23786	35.01 1.28 0.00	30.67 1.12 0.00	28.16 0.87 0.00	10.00 1.11 19.58	11.86 0.84 16.86	12.46 0.84 17.40	16.34 1.01 16.36	11.05 1.06 17.31	14.64 1.18 13.90	14.87 1.07 8.95	15.24 1.18 7.78	15.35 1.26 8.47	20.65 1.28 3.16	20.58 1.35 4.47	21.75 1.38 3.76	23.21 1.53 6.10	25.54 1.87 8.59	25.54 2.02 16.90	25.79 1.70 21.71	25.79 1.64 21.35	25.23 1.60 16.33	23.31 1.28 11.63	21.54 1.14 11.31	13.62 0.95 15.13
LINDHRST_69_KV_BK1 356055	35.85 2.12 0.00	31.12 1.57 0.00	28.35 1.06 0.00	29.61 1.14 0.00	28.80 0.92 0.00	29.94 0.93 0.00	33.31 1.62 0.00	28.66 1.36 0.00	28.71 1.34 0.00	24.11 1.36 0.00	23.33 1.49 0.00	24.32 1.67 -0.09	24.23 1.60 -0.10	25.87 1.87 -0.29	26.21 1.93 -0.14	34.82 2.33 -4.70	37.63 2.77 -2.60	43.00 2.59 0.00	48.42 2.61 0.00	47.28 1.77 0.00	41.68 1.72 0.00	35.81 2.15 0.00	33.36 1.65 0.00	29.14 1.33 0.00
LIPA_MISC_IPP 23656	35.28 1.55 0.00	30.58 1.03 0.00	27.86 0.57 0.00	29.07 0.60 0.00	28.27 0.39 0.00	29.36 0.35 0.00	32.71 1.01 0.00	25.94 0.82 2.17	24.05 0.74 4.05	22.06 0.86 1.55	20.14 0.98 2.69	23.82 1.17 -0.09	23.73 1.10 -0.10	25.40 1.40 -0.29	25.75 1.47 -0.14	33.95 1.94 -4.22	37.04 2.39 -2.39	42.44 2.02 0.00	47.78 1.97 0.00	46.60 1.09 0.00	41.04 1.08 0.00	35.38 1.72 0.00	32.89 1.17 0.00	28.69 0.89 0.00
LISF____SOLAR 323691	35.35 1.62 0.00	30.64 1.09 0.00	27.89 0.60 0.00	29.09 0.63 0.00	28.30 0.42 0.00	29.39 0.38 0.00	32.74 1.04 0.00	25.17 0.82 2.94	22.63 0.74 5.48	21.51 0.86 2.10	19.19 0.98 3.64	23.82 1.17 -0.09	23.73 1.10 -0.10	25.37 1.37 -0.29	25.78 1.50 -0.14	33.98 1.97 -4.22	37.10 2.45 -2.39	42.56 2.14 0.00	47.69 1.88 0.00	46.65 1.14 0.00	41.00 1.04 0.00	35.34 1.68 0.00	32.92 1.20 0.00	28.72 0.92 0.00
LITTLE FALLS____HYD 24013	33.93 0.20 0.00	29.92 0.18 -0.20	27.50 0.16 -0.05	28.61 0.14 0.00	28.05 0.17 0.00	29.16 0.15 0.00	32.10 0.22 -0.19	27.61 0.14 -0.19	27.45 0.08 0.00	22.89 0.07 -0.08	22.22 0.07 -0.31	22.81 0.09 -0.16	22.70 0.09 -0.08	23.91 0.09 -0.11	24.47 0.07 -0.26	28.08 0.11 -0.19	32.69 0.19 -0.23	40.74 0.32 0.00	46.47 0.37 -0.30	46.36 0.41 -0.44	40.63 0.28 -0.39	34.22 0.20 -0.36	31.81 0.10 0.00	27.92 0.00 -0.11

LITTLRIV_115KV_TB1 356100	34.57 0.84 0.00	39.06 0.74 -8.78	30.08 0.71 -2.08	29.21 0.74 0.00	28.66 0.78 0.00	29.91 0.90 0.00	40.99 1.01 -8.29	36.45 0.87 -8.29	28.16 0.79 0.00	26.78 0.57 -3.46	36.14 0.57 -13.73	30.10 0.54 -7.00	26.75 0.54 -3.68	29.32 0.52 -5.10	36.38 0.60 -11.64	36.77 0.69 -8.29	43.53 0.90 -10.37	41.67 1.25 0.00	61.11 1.79 -13.52	67.19 1.87 -19.82	59.02 1.64 -17.42	51.27 1.31 -16.30	32.76 1.05 0.00	33.86 0.95 -5.11
LI_NEWBRDGE___DRP 323616	35.31 1.59 0.00	30.70 1.15 0.00	28.03 0.74 0.00	29.30 0.83 0.00	28.52 0.64 0.00	29.62 0.61 0.00	32.93 1.24 0.00	28.55 1.26 0.00	28.60 1.23 0.00	24.00 1.25 0.00	23.22 1.38 0.00	24.18 1.53 -0.09	24.11 1.49 -0.10	25.70 1.71 -0.29	26.04 1.76 -0.14	33.64 1.92 -3.94	36.76 2.23 -2.27	42.36 1.94 0.00	47.64 1.83 0.00	46.60 1.09 0.00	41.12 1.16 0.00	35.27 1.62 0.00	32.92 1.21 0.00	28.75 0.95 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.46 -0.27 0.00	28.96 -0.59 0.00	26.47 -0.82 0.00	27.47 -1.00 0.00	26.88 -1.00 0.00	28.43 -0.58 0.00	30.30 -1.39 0.00	25.11 -1.94 0.25	25.73 -1.45 0.19	21.82 -0.71 0.23	20.80 -0.66 0.39	21.73 -0.70 0.13	21.82 -0.68 0.03	22.61 -0.57 0.52	22.77 -0.75 0.62	26.42 -1.36 0.00	30.03 -2.23 0.00	37.75 -2.67 0.00	42.19 -3.62 0.00	42.28 -3.23 0.00	36.96 -3.00 0.00	30.92 -2.52 0.21	30.13 -1.59 0.00	27.08 -0.72 0.00
LOCKPORT___CC1 323769	33.42 -0.30 0.00	28.90 -0.65 0.00	26.44 -0.85 0.00	27.45 -1.02 0.00	26.82 -1.06 0.00	28.38 -0.64 0.00	30.30 -1.39 0.00	25.14 -1.91 0.24	25.73 -1.45 0.19	21.84 -0.68 0.23	20.82 -0.63 0.38	21.76 -0.68 0.13	21.84 -0.65 0.03	22.64 -0.54 0.52	22.78 -0.75 0.61	26.70 -1.08 0.00	29.58 -2.68 0.00	37.30 -3.11 0.00	42.87 -2.93 0.00	42.37 -3.14 0.00	37.01 -2.96 0.00	31.09 -2.36 0.21	30.13 -1.58 0.00	27.03 -0.78 0.00
LOCKPORT___CC2 323770	33.42 -0.30 0.00	28.90 -0.65 0.00	26.44 -0.85 0.00	27.45 -1.02 0.00	26.82 -1.06 0.00	28.38 -0.64 0.00	30.30 -1.39 0.00	25.14 -1.91 0.24	25.73 -1.45 0.19	21.84 -0.68 0.23	20.82 -0.63 0.38	21.76 -0.68 0.13	21.84 -0.65 0.03	22.64 -0.54 0.52	22.78 -0.75 0.61	26.70 -1.08 0.00	29.58 -2.68 0.00	37.30 -3.11 0.00	42.87 -2.93 0.00	42.37 -3.14 0.00	37.01 -2.96 0.00	31.09 -2.36 0.21	30.13 -1.58 0.00	27.03 -0.78 0.00
LOCKPORT___CC3 323771	33.42 -0.30 0.00	28.90 -0.65 0.00	26.44 -0.85 0.00	27.45 -1.02 0.00	26.82 -1.06 0.00	28.38 -0.64 0.00	30.30 -1.39 0.00	25.14 -1.91 0.24	25.73 -1.45 0.19	21.84 -0.68 0.23	20.82 -0.63 0.38	21.76 -0.68 0.13	21.84 -0.65 0.03	22.64 -0.54 0.52	22.78 -0.75 0.61	26.70 -1.08 0.00	29.58 -2.68 0.00	37.30 -3.11 0.00	42.87 -2.93 0.00	42.37 -3.14 0.00	37.01 -2.96 0.00	31.09 -2.36 0.21	30.13 -1.58 0.00	27.03 -0.78 0.00
LOCUSVLY_69_KV_BK2 55797	35.58 1.85 0.00	31.00 1.45 0.00	28.33 1.04 0.00	29.58 1.11 0.00	28.83 0.95 0.00	29.94 0.93 0.00	33.15 1.46 0.00	28.63 1.34 0.00	28.71 1.34 0.00	24.09 1.34 0.00	23.29 1.44 0.00	24.25 1.60 -0.09	24.18 1.55 -0.10	25.75 1.75 -0.29	26.09 1.81 -0.14	36.19 2.06 -6.35	38.00 2.42 -3.32	42.76 2.34 0.00	48.01 2.20 0.00	47.06 1.55 0.00	41.60 1.64 0.00	35.54 1.88 0.00	33.20 1.49 0.00	29.00 1.20 0.00
LONG_LAKE_PHOENIX 24014	33.25 -0.47 0.00	29.38 -0.44 -0.28	26.89 -0.46 -0.07	27.93 -0.54 0.00	27.38 -0.50 0.00	28.52 -0.49 0.00	31.38 -0.57 -0.26	27.20 -0.55 -0.45	26.96 -0.55 -0.14	22.55 -0.48 -0.28	22.09 -0.48 -0.73	22.36 -0.52 -0.32	22.17 -0.50 -0.14	23.74 -0.52 -0.56	24.44 -0.53 -0.84	27.44 -0.61 -0.26	31.88 -0.71 -0.33	39.61 -0.81 0.00	45.36 -0.87 -0.43	45.27 -0.86 -0.63	39.71 -0.80 -0.55	33.66 -0.67 -0.68	31.17 -0.54 0.00	27.47 -0.50 -0.16
LOVETT___3 23632	34.81 1.08 0.00	30.52 0.98 0.00	28.08 0.79 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.64 0.95 0.00	28.28 0.98 0.00	28.41 1.04 0.00	23.68 0.93 0.00	22.87 1.03 0.00	23.72 1.08 -0.08	23.72 1.10 -0.09	25.13 1.16 -0.27	25.45 1.18 -0.13	29.34 1.33 -0.22	34.47 1.61 -0.59	42.19 1.78 0.00	47.55 1.74 0.00	47.10 1.59 0.00	41.40 1.44 0.00	34.84 1.18 0.00	32.76 1.05 0.00	28.64 0.83 0.00
LOVETT___4 23642	34.81 1.08 0.00	30.52 0.98 0.00	28.08 0.79 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.64 0.95 0.00	28.28 0.98 0.00	28.41 1.04 0.00	23.68 0.93 0.00	22.87 1.03 0.00	23.72 1.08 -0.08	23.72 1.10 -0.09	25.13 1.16 -0.27	25.45 1.18 -0.13	29.34 1.33 -0.22	34.47 1.61 -0.59	42.19 1.78 0.00	47.55 1.74 0.00	47.10 1.59 0.00	41.40 1.44 0.00	34.84 1.18 0.00	32.76 1.05 0.00	28.64 0.83 0.00
LOVETT___5 23593	34.81 1.08 0.00	30.52 0.98 0.00	28.08 0.79 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.64 0.95 0.00	28.28 0.98 0.00	28.41 1.04 0.00	23.68 0.93 0.00	22.87 1.03 0.00	23.72 1.08 -0.08	23.72 1.10 -0.09	25.13 1.16 -0.27	25.45 1.18 -0.13	29.34 1.33 -0.22	34.47 1.61 -0.59	42.19 1.78 0.00	47.55 1.74 0.00	47.10 1.59 0.00	41.40 1.44 0.00	34.84 1.18 0.00	32.76 1.05 0.00	28.64 0.83 0.00
LOWER RAQUET___HYD 24057	34.33 0.61 0.00	38.47 0.53 -8.39	29.80 0.52 -1.99	29.01 0.54 0.00	28.50 0.61 0.00	29.71 0.70 0.00	40.41 0.79 -7.92	35.92 0.71 -7.92	28.05 0.68 0.00	26.56 0.50 -3.31	35.47 0.50 -13.12	29.72 0.47 -6.69	26.52 0.47 -3.52	29.02 0.45 -4.87	35.82 0.56 -11.13	36.23 0.53 -7.92	42.95 0.77 -9.91	41.43 1.01 0.00	60.15 1.42 -12.93	65.91 1.46 -18.95	57.89 1.28 -16.65	50.28 1.04 -15.58	32.54 0.82 0.00	33.44 0.75 -4.89
LOWER___HUDSON 24059	34.26 0.54 0.00	30.08 0.53 0.00	27.81 0.52 0.00	28.98 0.51 0.00	28.39 0.50 0.00	29.48 0.46 0.00	32.23 0.54 0.00	27.78 0.49 0.00	27.83 0.46 0.00	23.04 0.29 0.00	22.06 0.22 0.00	22.70 0.20 0.07	22.63 0.18 0.07	23.67 0.19 0.22	24.20 0.17 0.11	27.88 0.28 0.19	32.15 0.39 0.50	41.02 0.61 0.00	46.45 0.64 0.00	46.23 0.73 0.00	40.64 0.68 0.00	34.33 0.67 0.00	32.28 0.57 0.00	28.33 0.53 0.00
LOWVILLE_115KV_TB2 356335	33.89 0.17 0.00	31.96 0.03 -2.38	27.88 0.03 -0.57	28.47 0.00 0.00	28.19 0.31 0.00	29.39 0.38 0.00	34.42 0.48 -2.25	29.87 0.33 -2.25	27.48 0.11 0.00	23.67 -0.02 -0.94	25.51 -0.07 -3.73	24.37 -0.09 -1.90	23.39 -0.14 -1.00	24.95 -0.14 -1.38	27.18 -0.12 -3.16	29.84 -0.19 -2.25	35.05 -0.03 -2.82	40.62 0.20 0.00	50.17 0.69 -3.67	51.39 0.50 -5.39	45.41 0.72 -4.73	38.76 0.67 -4.43	32.28 0.57 0.00	29.64 0.44 -1.39
LUTHERFT_115KV_GLOB_FND_222 355753	34.57 0.84 0.00	30.35 0.80 0.00	28.05 0.76 0.00	29.27 0.80 0.00	28.69 0.81 0.00	29.83 0.81 0.00	32.52 0.82 0.00	27.92 0.63 0.00	28.08 0.71 0.00	23.16 0.41 0.00	22.06 0.22 0.00	22.69 0.18 0.05	22.58 0.11 0.06	23.65 0.12 0.18	24.12 0.07 0.09	27.91 0.28 0.15	32.13 0.26 0.39	41.14 0.73 0.00	46.86 1.05 0.00	46.65 1.14 0.00	41.04 1.08 0.00	34.60 0.94 0.00	32.54 0.82 0.00	28.56 0.75 0.00

LUTHERNY_35_KV_BK2 355980	34.60 0.88 0.00	30.38 0.83 0.00	28.08 0.79 0.00	29.30 0.83 0.00	28.72 0.84 0.00	29.83 0.81 0.00	32.52 0.82 0.00	27.92 0.63 0.00	28.08 0.71 0.00	23.16 0.41 0.00	22.06 0.22 0.00	22.69 0.18 0.05	22.60 0.14 0.06	23.65 0.12 0.18	24.15 0.10 0.09	27.91 0.28 0.15	32.13 0.26 0.39	41.14 0.73 0.00	46.86 1.05 0.00	46.69 1.18 0.00	41.04 1.08 0.00	34.60 0.94 0.00	32.57 0.86 0.00	28.56 0.75 0.00
LWR___OSWEGATCHIE_HYD 23850	34.10 0.37 0.00	35.47 0.24 -5.68	28.86 0.22 -1.35	28.67 0.20 0.00	28.27 0.39 0.00	29.45 0.44 0.00	37.60 0.54 -5.37	33.10 0.44 -5.37	27.69 0.33 0.00	25.15 0.16 -2.24	30.89 0.15 -8.89	27.20 0.11 -4.53	25.00 0.09 -2.38	27.08 0.07 -3.30	31.80 0.12 -7.54	33.24 0.08 -5.37	39.17 0.19 -6.72	40.82 0.40 0.00	55.44 0.87 -8.76	59.17 0.82 -12.84	52.08 0.84 -11.28	45.02 0.81 -10.56	32.35 0.63 0.00	31.64 0.53 -3.31
LYONS_FALL_HYD 23570	33.99 0.27 0.00	31.28 0.15 -1.59	27.80 0.14 -0.38	28.58 0.11 0.00	28.22 0.34 0.00	29.36 0.35 0.00	33.66 0.48 -1.50	29.12 0.33 -1.50	27.50 0.14 0.00	23.40 0.02 -0.63	24.30 -0.02 -2.48	23.80 -0.02 -1.26	23.13 -0.07 -0.66	24.55 -0.07 -0.92	26.19 -0.05 -2.10	29.20 -0.08 -1.50	34.20 0.06 -1.87	40.70 0.28 0.00	48.94 0.69 -2.44	49.73 0.64 -3.58	43.83 0.72 -3.15	37.21 0.61 -2.94	32.25 0.54 0.00	29.15 0.42 -0.92
MADISON___COUNTY_LFGE 323628	34.23 0.51 0.00	30.45 0.41 -0.49	27.76 0.35 -0.12	28.76 0.28 0.00	28.25 0.36 0.00	29.42 0.41 0.00	32.63 0.48 -0.46	28.08 0.33 -0.46	27.56 0.19 0.00	23.01 0.07 -0.19	22.65 0.04 -0.76	22.97 0.02 -0.39	22.76 0.02 -0.20	24.01 0.02 -0.28	24.81 0.02 -0.65	28.30 0.06 -0.46	33.03 0.19 -0.58	40.78 0.36 0.00	47.24 0.69 -0.75	47.34 0.73 -1.10	41.57 0.64 -0.97	35.04 0.47 -0.91	32.19 0.48 0.00	28.48 0.39 -0.28
MALONE___115KV_TB1 356076	34.87 1.15 0.00	33.63 1.03 -3.05	29.00 0.98 -0.72	29.55 1.08 0.00	28.94 1.06 0.00	30.20 1.19 0.00	35.90 1.33 -2.88	31.42 1.26 -2.88	28.71 1.34 0.00	25.06 1.11 -1.20	27.72 1.11 -4.76	26.09 1.11 -2.43	24.91 1.10 -1.28	26.59 1.11 -1.77	29.38 1.21 -4.04	32.05 1.39 -2.88	37.51 1.65 -3.60	42.44 2.02 0.00	53.34 2.84 -4.69	55.21 2.82 -6.88	48.40 2.40 -6.04	41.23 1.92 -5.66	33.30 1.59 0.00	31.00 1.42 -1.77
MAPLEWOD_115KV_TB3 80458	34.00 0.27 0.00	29.84 0.30 0.00	27.59 0.30 0.00	28.78 0.31 0.00	28.19 0.31 0.00	29.28 0.26 0.00	31.98 0.29 0.00	27.57 0.27 0.00	27.56 0.19 0.00	22.86 0.11 0.00	21.91 0.07 0.00	22.58 0.07 0.05	22.52 0.05 0.06	23.59 0.05 0.16	24.08 0.02 0.08	27.73 0.08 0.14	32.09 0.19 0.37	40.66 0.24 0.00	46.08 0.27 0.00	45.83 0.32 0.00	40.28 0.32 0.00	34.03 0.37 0.00	32.00 0.29 0.00	28.08 0.28 0.00
MAPLE_RIDGE_WT_1 323574	33.49 -0.23 0.00	29.16 -0.18 0.21	27.10 -0.14 0.05	28.36 -0.11 0.00	27.80 -0.08 0.00	28.93 -0.09 0.00	31.43 -0.06 0.20	27.09 0.00 0.20	27.39 0.03 0.00	22.69 0.02 0.08	21.55 0.04 0.34	22.43 0.05 0.17	22.48 0.05 0.09	23.60 0.02 0.12	23.90 0.05 0.28	27.61 0.03 0.20	32.07 0.06 0.25	40.50 0.08 0.00	45.52 0.05 0.33	45.02 0.00 0.48	39.50 -0.04 0.43	33.26 0.00 0.40	31.65 -0.06 0.00	27.60 -0.08 0.13
MAPLE_RIDGE_WT_2 323611	33.49 -0.23 0.00	29.16 -0.18 0.21	27.10 -0.14 0.05	28.36 -0.11 0.00	27.80 -0.08 0.00	28.93 -0.09 0.00	31.43 -0.06 0.20	27.09 0.00 0.20	27.39 0.03 0.00	22.69 0.02 0.08	21.55 0.04 0.34	22.43 0.05 0.17	22.48 0.05 0.09	23.60 0.02 0.12	23.90 0.05 0.28	27.61 0.03 0.20	32.07 0.06 0.25	40.50 0.08 0.00	45.52 0.05 0.33	45.02 0.00 0.48	39.50 -0.04 0.43	33.26 0.00 0.40	31.65 -0.06 0.00	27.60 -0.08 0.13
MARBLE_RIVER_WT_PWR 323696	35.18 1.45 0.00	31.52 1.33 -0.64	28.70 1.26 -0.15	29.84 1.37 0.00	29.25 1.37 0.00	30.52 1.51 0.00	33.97 1.68 -0.60	29.45 1.55 -0.60	29.06 1.70 0.00	24.43 1.43 -0.25	24.24 1.40 -1.00	24.49 1.42 -0.51	24.19 1.40 -0.27	25.52 1.45 -0.37	26.53 1.55 -0.85	30.08 1.70 -0.60	35.08 2.07 -0.75	42.96 2.55 0.00	50.23 3.44 -0.98	50.32 3.37 -1.44	44.02 2.80 -1.26	37.03 2.19 -1.18	33.52 1.81 0.00	29.76 1.58 -0.37
MARSHVLE_115KV_TB1 80742	35.24 1.52 0.00	30.88 1.33 0.00	28.55 1.26 0.00	29.75 1.28 0.00	29.22 1.34 0.00	30.38 1.36 0.00	33.09 1.39 0.00	28.08 0.79 0.00	27.61 0.25 0.00	22.52 -0.23 0.00	21.38 -0.46 0.00	21.97 -0.56 0.03	21.89 -0.61 0.03	22.98 -0.62 0.10	23.41 -0.68 0.05	27.17 -0.53 0.09	31.84 -0.19 0.23	41.14 0.73 0.00	47.78 1.97 0.00	47.74 2.23 0.00	41.96 2.00 0.00	35.21 1.55 0.00	33.14 1.43 0.00	29.03 1.22 0.00
MARSH_HILL_WT_PWR 323713	34.16 0.44 0.00	29.70 0.15 0.00	27.18 -0.11 0.00	28.19 -0.28 0.00	27.66 -0.22 0.00	29.13 0.12 0.00	31.50 -0.19 0.00	26.54 -0.60 0.15	28.04 0.79 0.12	23.27 0.66 0.14	22.13 0.52 0.24	22.93 0.45 0.08	22.98 0.47 0.02	23.95 0.57 0.32	24.26 0.51 0.38	28.53 0.75 0.00	32.81 0.55 0.00	41.59 1.17 0.00	47.82 2.01 0.00	47.06 1.55 0.00	40.88 0.92 0.00	34.24 0.71 0.13	32.44 0.73 0.00	28.31 0.50 0.00
MCINTYRE_115KV_TB2 80467	34.67 0.94 0.00	39.77 0.83 -9.40	30.31 0.79 -2.23	29.30 0.83 0.00	28.75 0.86 0.00	30.00 0.99 0.00	41.67 1.11 -8.87	37.12 0.96 -8.87	28.21 0.85 0.00	27.05 0.59 -3.71	37.13 0.59 -14.70	30.62 0.56 -7.49	27.01 0.54 -3.94	29.68 0.52 -5.46	37.23 0.63 -12.47	37.38 0.72 -8.87	44.33 0.97 -11.10	41.75 1.33 0.00	62.16 1.88 -14.48	68.78 2.05 -21.22	60.37 1.76 -18.65	52.52 1.41 -17.45	32.82 1.11 0.00	34.31 1.03 -5.47
MECO_____69_KV_BK1 80468	35.45 1.72 0.00	31.06 1.51 0.00	28.71 1.42 0.00	29.95 1.48 0.00	29.42 1.53 0.00	30.61 1.60 0.00	33.31 1.62 0.00	28.30 1.01 0.00	27.89 0.52 0.00	22.68 -0.07 0.00	21.45 -0.39 0.00	21.98 -0.54 0.03	21.86 -0.63 0.04	22.95 -0.64 0.11	23.41 -0.68 0.06	27.30 -0.39 0.10	32.04 0.03 0.25	41.55 1.13 0.00	48.14 2.34 0.00	47.97 2.46 0.00	42.16 2.20 0.00	35.44 1.78 0.00	33.33 1.62 0.00	29.20 1.39 0.00
MENANDS___115KV_TB5 355628	33.83 0.10 0.00	29.70 0.15 0.00	27.45 0.16 0.00	28.64 0.17 0.00	28.05 0.17 0.00	29.13 0.12 0.00	31.85 0.16 0.00	27.46 0.16 0.00	27.48 0.11 0.00	22.79 0.05 0.00	21.84 0.00 0.00	22.53 0.02 0.05	22.47 0.00 0.05	23.54 0.00 0.16	24.03 -0.02 0.08	27.67 0.03 0.14	31.99 0.10 0.36	40.46 0.04 0.00	45.85 0.05 0.00	45.55 0.05 0.00	40.08 0.12 0.00	33.86 0.20 0.00	31.84 0.13 0.00	27.94 0.14 0.00
MG INDUSTRY___DRP 24185	34.03 0.30 0.00	29.84 0.30 0.00	27.64 0.35 0.00	28.81 0.34 0.00	28.25 0.36 0.00	29.30 0.29 0.00	31.98 0.29 0.00	27.51 0.22 0.00	27.45 0.08 0.00	22.73 -0.02 0.00	21.78 -0.07 0.00	22.49 -0.05 0.03	22.43 -0.07 0.03	23.54 -0.07 0.09	24.02 -0.07 0.05	27.68 -0.03 0.08	32.12 0.06 0.21	40.50 0.08 0.00	45.99 0.18 0.00	45.69 0.18 0.00	40.20 0.24 0.00	33.96 0.30 0.00	31.97 0.25 0.00	28.06 0.25 0.00

MID___OSWEGATCHIE_HYD 23849	34.10 0.37 0.00	35.47 0.24 -5.68	28.86 0.22 -1.35	28.67 0.20 0.00	28.27 0.39 0.00	29.45 0.44 0.00	37.60 0.54 -5.37	33.10 0.44 -5.37	27.69 0.33 0.00	25.15 0.16 -2.24	30.89 0.15 -8.89	27.20 0.11 -4.53	25.00 0.09 -2.38	27.08 0.07 -3.30	31.80 0.12 -7.54	33.24 0.08 -5.37	39.17 0.19 -6.72	40.82 0.40 0.00	55.44 0.87 -8.76	59.17 0.82 -12.84	52.08 0.84 -11.28	45.02 0.81 -10.56	32.35 0.63 0.00	31.64 0.53 -3.31
MID___RAQUETTE_HYD 23851	34.33 0.61 0.00	38.47 0.53 -8.39	29.80 0.52 -1.99	29.01 0.54 0.00	28.50 0.61 0.00	29.71 0.70 0.00	40.41 0.79 -7.92	35.92 0.71 -7.92	28.05 0.68 0.00	26.56 0.50 -3.31	35.47 0.50 -13.12	29.72 0.47 -6.69	26.52 0.47 -3.52	29.03 0.45 -4.87	35.82 0.56 -11.13	36.32 0.61 -7.92	42.95 0.77 -9.91	41.43 1.01 0.00	60.15 1.42 -12.93	65.91 1.46 -18.95	57.89 1.28 -16.65	50.28 1.04 -15.58	32.54 0.82 0.00	33.44 0.75 -4.89
MILLIKEN___1 23584	34.20 0.47 0.00	29.93 0.38 0.00	27.54 0.25 0.00	28.64 0.17 0.00	28.13 0.25 0.00	29.33 0.32 0.00	31.98 0.29 0.00	27.43 0.14 0.00	27.50 0.14 0.00	22.79 0.05 0.00	21.84 0.00 0.00	22.54 -0.02 0.00	22.51 -0.02 0.00	23.68 -0.02 0.00	24.11 -0.02 0.00	27.78 0.00 0.00	32.33 0.06 0.00	40.74 0.32 0.00	46.36 0.55 0.00	46.06 0.55 0.00	40.32 0.36 0.00	33.89 0.24 0.00	32.06 0.35 0.00	28.08 0.28 0.00
MILLIKEN___2 23585	34.20 0.47 0.00	29.93 0.38 0.00	27.54 0.25 0.00	28.64 0.17 0.00	28.13 0.25 0.00	29.33 0.32 0.00	31.98 0.29 0.00	27.43 0.14 0.00	27.50 0.14 0.00	22.79 0.05 0.00	21.84 0.00 0.00	22.54 -0.02 0.00	22.51 -0.02 0.00	23.68 -0.02 0.00	24.11 -0.02 0.00	27.78 0.00 0.00	32.33 0.06 0.00	40.74 0.32 0.00	46.36 0.55 0.00	46.06 0.55 0.00	40.32 0.36 0.00	33.89 0.24 0.00	32.06 0.35 0.00	28.08 0.28 0.00
MILLIKEN___DIESEL 23629	34.20 0.47 0.00	29.93 0.38 0.00	27.54 0.25 0.00	28.64 0.17 0.00	28.13 0.25 0.00	29.33 0.32 0.00	31.98 0.29 0.00	27.43 0.14 0.00	27.50 0.14 0.00	22.79 0.05 0.00	21.84 0.00 0.00	22.54 -0.02 0.00	22.51 -0.02 0.00	23.68 -0.02 0.00	24.11 -0.02 0.00	27.78 0.00 0.00	32.33 0.06 0.00	40.74 0.32 0.00	46.36 0.55 0.00	46.06 0.55 0.00	40.32 0.36 0.00	33.89 0.24 0.00	32.06 0.35 0.00	28.08 0.28 0.00
MILLSEAT___LFGE 323607	34.16 0.44 0.00	29.58 0.03 0.00	26.99 -0.30 0.00	28.04 -0.43 0.00	27.47 -0.42 0.00	29.01 0.00 0.00	31.12 -0.57 0.00	25.95 -1.09 0.25	26.38 -0.79 0.19	22.27 -0.25 0.23	21.16 -0.28 0.40	22.14 -0.29 0.13	22.18 -0.32 0.03	22.98 -0.19 0.54	23.14 -0.36 0.63	27.23 -0.56 0.00	30.36 -1.90 0.00	38.48 -1.94 0.00	44.39 -1.42 0.00	43.91 -1.59 0.00	38.32 -1.64 0.00	32.06 -1.38 0.22	30.98 -0.73 0.00	27.58 -0.22 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.91 1.18 0.00	30.58 1.03 0.00	28.14 0.85 0.00	29.44 0.97 0.00	28.69 0.81 0.00	29.83 0.81 0.00	32.67 0.98 0.00	28.30 1.01 0.00	28.43 1.07 0.00	23.73 0.98 0.00	22.89 1.05 0.00	23.77 1.13 -0.08	23.77 1.15 -0.09	25.18 1.21 -0.27	25.47 1.21 -0.13	29.37 1.36 -0.23	34.51 1.65 -0.60	42.23 1.82 0.00	47.59 1.79 0.00	47.15 1.64 0.00	41.44 1.48 0.00	34.87 1.21 0.00	32.79 1.08 0.00	28.67 0.86 0.00
MILLWOOD_13_KV_LOAD 356217	34.97 1.25 0.00	30.64 1.09 0.00	28.16 0.87 0.00	29.50 1.02 0.00	28.72 0.84 0.00	29.86 0.84 0.00	32.71 1.01 0.00	28.33 1.04 0.00	28.46 1.09 0.00	23.75 1.00 0.00	22.91 1.07 0.00	23.79 1.15 -0.08	23.79 1.17 -0.09	25.21 1.23 -0.27	25.52 1.26 -0.13	29.40 1.39 -0.23	34.54 1.68 -0.60	42.28 1.86 0.00	47.68 1.88 0.00	47.24 1.73 0.00	41.52 1.56 0.00	34.94 1.28 0.00	32.82 1.11 0.00	28.72 0.92 0.00
MODEL_CITY_ENERGY 24167	33.29 -0.44 0.00	28.81 -0.74 0.00	26.33 -0.96 0.00	27.33 -1.14 0.00	26.74 -1.14 0.00	28.29 -0.72 0.00	30.08 -1.62 0.00	24.87 -2.18 0.24	25.48 -1.70 0.19	21.64 -0.89 0.22	20.63 -0.83 0.38	21.56 -0.88 0.12	21.64 -0.86 0.03	22.45 -0.73 0.52	22.59 -0.94 0.61	26.48 -1.31 0.00	29.26 -3.00 0.00	36.90 -3.52 0.00	42.42 -3.39 0.00	41.91 -3.60 0.00	36.61 -3.36 0.00	30.79 -2.66 0.21	29.84 -1.87 0.00	26.97 -0.83 0.00
MODERN_LFGE___ 323580	33.29 -0.44 0.00	28.81 -0.74 0.00	26.33 -0.96 0.00	27.33 -1.14 0.00	26.74 -1.14 0.00	28.29 -0.72 0.00	30.08 -1.62 0.00	24.87 -2.18 0.24	25.48 -1.70 0.19	21.64 -0.89 0.22	20.63 -0.83 0.38	21.56 -0.88 0.12	21.64 -0.86 0.03	22.45 -0.73 0.52	22.59 -0.94 0.61	26.48 -1.31 0.00	29.26 -3.00 0.00	36.90 -3.52 0.00	42.42 -3.39 0.00	41.91 -3.60 0.00	36.61 -3.36 0.00	30.79 -2.66 0.21	29.84 -1.87 0.00	26.97 -0.83 0.00
MOHAWK_PAPER___DRP 24187	34.00 0.27 0.00	29.84 0.30 0.00	27.59 0.30 0.00	28.78 0.31 0.00	28.19 0.31 0.00	29.28 0.26 0.00	31.98 0.29 0.00	27.57 0.27 0.00	27.56 0.19 0.00	22.86 0.11 0.00	21.91 0.07 0.05	22.58 0.07 0.05	22.52 0.05 0.06	23.59 0.05 0.16	24.08 0.02 0.08	27.73 0.08 0.14	32.09 0.19 0.37	40.66 0.24 0.00	46.08 0.27 0.00	45.83 0.32 0.00	40.28 0.32 0.00	34.03 0.37 0.00	32.00 0.29 0.00	28.08 0.28 0.00
MOHICAN___35_KV_115KV_LD 80490	34.50 0.78 0.00	30.29 0.74 0.00	28.03 0.74 0.00	29.21 0.74 0.00	28.69 0.81 0.00	29.80 0.78 0.00	32.45 0.76 0.00	27.81 0.52 0.00	28.27 0.90 0.00	23.27 0.52 0.00	22.02 0.17 0.05	22.60 0.09 0.05	22.47 0.00 0.06	23.51 -0.02 0.17	23.96 -0.10 0.08	27.78 0.14 0.14	31.68 -0.19 0.39	40.90 0.48 0.00	46.77 0.96 0.00	46.65 1.14 0.00	41.00 1.04 0.00	34.57 0.91 0.00	32.54 0.82 0.00	28.53 0.72 0.00
MONGAUP___HYD 23641	34.84 1.11 0.00	30.58 1.03 0.00	28.16 0.87 0.00	29.47 1.00 0.00	28.72 0.84 0.00	29.91 0.90 0.00	32.58 0.89 0.00	28.14 0.85 0.00	28.22 0.85 0.00	23.41 0.66 0.00	22.50 0.65 0.00	23.34 0.70 -0.08	23.33 0.72 -0.08	24.71 0.76 -0.25	25.05 0.80 -0.12	28.94 0.95 -0.21	34.08 1.26 -0.56	42.07 1.66 0.00	47.55 1.74 0.00	47.33 1.82 0.00	41.52 1.56 0.00	34.80 1.15 0.00	32.76 1.04 0.00	28.72 0.92 0.00
MONTAUK___DIESEL 23721	35.28 1.55 0.00	30.50 0.95 0.00	27.73 0.44 0.00	28.87 0.40 0.00	28.05 0.17 0.00	29.13 0.12 0.00	32.20 0.51 0.00	25.27 0.16 2.19	23.37 0.08 4.08	21.64 0.45 1.56	19.88 0.74 2.70	23.71 1.06 -0.09	23.71 1.08 -0.10	25.51 1.52 -0.29	25.97 1.69 -0.14	34.53 2.53 -4.22	37.81 3.16 -2.39	43.45 3.03 0.00	48.83 3.02 0.00	47.37 1.87 0.00	41.52 1.56 0.00	35.75 2.09 0.00	33.24 1.52 0.00	29.17 1.36 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.00 0.27 0.00	29.46 -0.09 0.00	26.93 -0.35 0.00	27.73 -0.74 0.00	27.07 -0.81 0.00	28.67 -0.35 0.00	30.93 -0.76 0.00	25.74 -1.34 0.22	26.41 -0.79 0.17	22.43 -0.11 0.20	21.50 0.00 0.34	22.43 -0.02 0.11	22.52 0.02 0.03	23.45 0.21 0.46	23.62 0.02 0.54	27.45 -0.33 0.00	31.33 -0.94 0.00	39.41 -1.01 0.00	44.11 -1.69 0.00	43.87 -1.64 0.00	38.00 -1.96 0.00	31.72 -1.75 0.19	30.60 -1.11 0.00	26.92 -0.89 0.00

MORRIS_RIDGE___SOLAR 323848	33.76 0.03 0.00	29.31 -0.24 0.00	26.85 -0.44 0.00	27.84 -0.63 0.00	27.27 -0.61 0.00	28.72 -0.29 0.00	30.99 -0.70 0.00	26.00 -1.12 0.17	26.03 -1.20 0.13	21.84 -0.75 0.16	20.85 -0.72 0.27	21.70 -0.77 0.09	21.76 -0.74 0.02	22.67 -0.66 0.37	22.88 -0.82 0.44	26.76 -1.03 0.00	30.13 -2.13 0.00	38.07 -2.35 0.00	43.88 -1.92 0.00	43.51 -2.00 0.00	37.96 -2.00 0.00	31.83 -1.68 0.15	30.51 -1.21 0.00	27.00 -0.81 0.00
MORTIMER_115KV_TB3 55949	33.69 -0.03 0.00	29.28 -0.27 0.00	26.85 -0.44 0.00	27.93 -0.54 0.00	27.38 -0.50 0.00	28.72 -0.29 0.00	31.15 -0.54 0.00	26.34 -0.68 0.27	26.66 -0.49 0.21	22.27 -0.23 0.25	21.17 -0.24 0.43	22.17 -0.25 0.14	22.22 -0.27 0.04	22.93 -0.19 0.59	23.18 -0.27 0.69	27.28 -0.50 0.00	31.36 -0.90 0.00	39.53 -0.89 0.00	44.75 -1.05 0.00	44.60 -0.91 0.00	39.04 -0.92 0.00	32.55 -0.88 0.24	31.27 -0.44 0.00	27.44 -0.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.61 1.14 0.00	28.86 0.98 0.00	29.97 0.96 0.00	32.86 1.17 0.00	28.47 1.17 0.00	28.62 1.26 0.00	23.91 1.16 0.00	23.11 1.27 0.00	24.00 1.35 -0.09	24.00 1.37 -0.10	25.44 1.45 -0.29	25.73 1.45 -0.14	29.64 1.61 -0.25	34.85 1.94 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.11 1.45 0.00	32.98 1.27 0.00	28.86 1.06 0.00
MUNSVILLE_WIND_PWR 323609	35.51 1.79 0.00	31.09 1.54 0.00	28.57 1.28 0.00	29.64 1.17 0.00	29.19 1.31 0.00	30.46 1.45 0.00	33.34 1.65 0.00	28.41 1.12 0.00	28.16 0.79 0.00	23.18 0.43 0.00	22.17 0.33 0.00	22.88 0.32 0.00	22.80 0.27 0.00	23.99 0.29 0.00	24.43 0.29 0.00	28.28 0.50 0.00	33.13 0.87 0.00	42.07 1.66 0.00	48.65 2.84 0.00	48.56 3.05 0.00	42.40 2.44 0.00	35.48 1.82 0.00	33.42 1.71 0.00	29.22 1.42 0.00
N SALMON___HYD 24042	34.87 1.15 0.00	33.63 1.03 -3.05	28.99 0.98 -0.72	29.55 1.08 0.00	28.94 1.06 0.00	30.20 1.19 0.00	35.90 1.33 -2.88	31.43 1.26 -2.88	28.71 1.34 0.00	25.06 1.11 -1.20	27.72 1.11 -4.76	26.09 1.11 -2.43	24.91 1.10 -1.28	26.59 1.11 -1.77	29.38 1.21 -4.04	31.97 1.31 -2.88	37.47 1.61 -3.60	42.44 2.02 0.00	53.39 2.89 -4.69	55.21 2.82 -6.88	48.40 2.40 -6.04	41.23 1.92 -5.66	33.30 1.58 0.00	31.00 1.42 -1.77
N.AKRON__115KV_KNAPP 355671	34.30 0.57 0.00	29.70 0.15 0.00	27.13 -0.16 0.00	28.16 -0.31 0.00	27.60 -0.28 0.00	29.13 0.12 0.00	31.28 -0.41 0.00	26.11 -0.93 0.25	26.54 -0.63 0.19	22.36 -0.16 0.23	21.27 -0.17 0.40	22.21 -0.23 0.13	22.27 -0.23 0.03	23.07 -0.09 0.54	23.29 -0.22 0.63	27.12 -0.67 0.00	30.94 -1.32 0.00	39.08 -1.33 0.00	44.11 -1.69 0.00	44.14 -1.37 0.00	38.56 -1.40 0.00	32.10 -1.35 0.22	31.14 -0.57 0.00	27.69 -0.11 0.00
N.E_GEN_SANDY PD 24062	34.26 0.54 0.00	30.08 0.53 0.00	27.75 0.46 0.00	28.98 0.51 0.00	28.30 0.42 0.00	29.39 0.38 0.00	29.05 0.54 3.18	31.08 0.60 -3.18	27.91 0.55 0.00	23.18 0.43 0.00	22.26 0.41 0.00	22.63 0.45 0.38	22.55 0.45 0.43	22.90 0.47 1.28	24.00 0.48 0.62	27.27 0.56 1.07	30.16 0.74 2.84	41.30 0.89 0.00	46.49 0.69 0.00	46.33 0.82 0.00	40.68 0.72 0.00	34.37 0.71 0.00	32.31 0.60 0.00	28.33 0.53 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.84 1.11 0.00	30.55 1.00 0.00	28.11 0.82 0.00	29.44 0.97 0.00	28.69 0.81 0.00	29.86 0.84 0.00	32.67 0.98 0.00	28.28 0.98 0.00	28.41 1.04 0.00	23.70 0.96 0.00	22.87 1.03 0.00	23.74 1.11 -0.08	23.72 1.10 -0.09	25.15 1.19 -0.27	25.45 1.18 -0.13	29.34 1.33 -0.22	34.50 1.65 -0.59	42.23 1.82 0.00	47.64 1.83 0.00	47.19 1.68 0.00	41.48 1.52 0.00	34.87 1.21 0.00	32.79 1.08 0.00	28.67 0.86 0.00
N.QUEENS_27_KV_LOAD 356247	35.52 1.79 -0.01	31.09 1.54 -0.01	28.55 1.26 -0.01	29.87 1.40 0.00	29.14 1.25 0.00	30.23 1.22 0.00	32.93 1.24 0.00	28.49 1.20 0.00	28.62 1.26 0.00	24.00 1.25 0.00	23.24 1.40 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.54 1.54 -0.29	25.80 1.52 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.17 1.51 0.00	33.20 1.49 0.00	29.17 1.36 0.00
N.TROY___115KV_TB1 355778	34.27 0.54 0.00	30.08 0.53 0.00	27.81 0.52 0.00	28.98 0.51 0.00	28.39 0.50 0.00	29.48 0.46 0.00	32.23 0.54 0.00	27.78 0.49 0.00	27.83 0.47 0.00	23.04 0.30 0.00	22.06 0.22 0.00	22.70 0.20 0.07	22.63 0.18 0.07	23.67 0.19 0.22	24.20 0.17 0.11	27.88 0.28 0.19	32.12 0.35 0.50	40.98 0.57 0.00	46.49 0.69 0.00	46.24 0.73 0.00	40.64 0.68 0.00	34.33 0.67 0.00	32.28 0.57 0.00	28.33 0.53 0.00
NARROWS_GT1_1 24228	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.27 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT1_2 24229	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.27 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT1_3 24230	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.27 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT1_4 24231	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.27 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT1_5 24232	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.27 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00

NARROWS_GT1_6 24233	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT1_7 24234	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT1_8 24235	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT2_1 24236	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT2_2 24237	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT2_3 24238	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT2_4 24239	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT2_5 24240	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT2_6 24241	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT2_7 24242	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NARROWS_GT2_8 24243	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.30 0.57 0.00	30.14 0.59 0.00	27.89 0.60 0.00	29.07 0.60 0.00	28.47 0.59 0.00	29.59 0.58 0.00	32.17 0.48 0.00	27.62 0.33 0.00	27.53 0.16 0.00	22.68 -0.07 0.00	21.67 -0.17 0.00	22.52 -0.02 0.02	22.49 -0.02 0.02	23.63 -0.02 0.05	24.06 -0.05 0.03	27.82 0.08 0.04	32.47 0.32 0.12	40.82 0.40 0.00	46.54 0.73 0.00	46.33 0.82 0.00	40.68 0.72 0.00	34.23 0.57 0.00	32.25 0.54 0.00	28.36 0.56 0.00
NCHELSEA_115KV_TR2 355582	34.97 1.25 0.00	30.67 1.12 0.00	28.24 0.96 0.00	29.55 1.08 0.00	28.80 0.92 0.00	29.94 0.93 0.00	32.71 1.01 0.00	28.28 0.98 0.00	28.38 1.01 0.00	23.61 0.86 0.00	22.74 0.90 0.00	23.58 0.95 -0.07	23.60 0.99 -0.08	24.99 1.04 -0.24	25.29 1.04 -0.12	29.18 1.19 -0.20	34.29 1.48 -0.54	42.19 1.78 0.00	47.73 1.92 0.00	47.33 1.82 0.00	41.56 1.60 0.00	34.90 1.25 0.00	32.85 1.14 0.00	28.78 0.97 0.00
NEG CAPITAL___MECHNVIL 23645	34.64 0.91 0.00	30.41 0.86 0.00	28.11 0.82 0.00	29.30 0.83 0.00	28.72 0.84 0.00	29.86 0.84 0.00	32.55 0.86 0.00	27.98 0.68 0.00	28.08 0.71 0.00	23.18 0.43 0.00	22.11 0.26 0.00	22.73 0.23 0.06	22.62 0.16 0.06	23.68 0.17 0.19	24.19 0.15 0.09	27.96 0.33 0.16	32.22 0.39 0.43	41.30 0.89 0.00	46.90 1.10 0.00	46.74 1.23 0.00	41.08 1.12 0.00	34.64 0.98 0.00	32.60 0.89 0.00	28.61 0.81 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.98 -0.74 0.00	28.72 -0.83 0.00	26.36 -0.93 0.00	27.42 -1.05 0.00	26.91 -0.98 0.00	28.17 -0.84 0.00	30.61 -1.08 0.00	25.94 -1.09 0.26	26.19 -0.98 0.20	21.83 -0.68 0.24	20.74 -0.70 0.40	21.71 -0.72 0.13	21.77 -0.72 0.03	22.45 -0.71 0.55	22.70 -0.80 0.64	26.87 -0.92 0.00	30.65 -1.61 0.00	38.68 -1.74 0.00	44.34 -1.47 0.00	43.91 -1.59 0.00	38.44 -1.52 0.00	32.09 -1.35 0.22	30.70 -1.02 0.00	26.89 -0.92 0.00

NEG CENTRAL___DRP 24199	34.16 0.44 0.00	30.01 0.30 -0.16	27.44 0.11 -0.04	28.50 0.03 0.00	27.97 0.08 0.00	29.25 0.23 0.00	32.01 0.16 -0.16	27.42 -0.03 -0.16	27.50 0.14 0.00	22.90 0.09 -0.07	22.10 0.00 -0.26	22.67 -0.02 -0.13	22.58 -0.02 -0.07	23.82 0.02 -0.10	24.36 0.00 -0.22	27.94 0.00 -0.16	32.46 0.00 -0.20	40.62 0.20 0.00	46.47 0.41 -0.25	46.29 0.41 -0.37	40.45 0.16 -0.33	34.07 0.10 -0.31	32.00 0.29 0.00	28.10 0.19 -0.10
NEG CENTRAL___INDECK 23768	34.77 1.05 0.00	30.20 0.65 0.00	27.62 0.33 0.00	28.67 0.20 0.00	28.16 0.28 0.00	29.62 0.61 0.00	32.10 0.41 0.00	27.12 0.03 0.20	28.03 0.82 0.15	23.20 0.64 0.19	21.96 0.44 0.32	22.82 0.36 0.10	22.86 0.36 0.03	23.72 0.45 0.43	24.04 0.41 0.51	28.39 0.61 0.00	32.58 0.32 0.00	41.55 1.13 0.00	48.10 2.29 0.00	47.46 1.96 0.00	41.36 1.40 0.00	34.46 0.98 0.17	32.89 1.17 0.00	28.67 0.86 0.00
NEG CENTRAL___SENECA 23627	34.57 0.84 0.00	30.14 0.59 0.00	27.64 0.35 0.00	28.70 0.23 0.00	28.19 0.31 0.00	29.54 0.52 0.00	32.14 0.44 0.00	27.39 0.16 0.07	27.72 0.41 0.05	23.00 0.32 0.06	21.96 0.22 0.11	22.71 0.18 0.03	22.70 0.18 0.01	23.80 0.24 0.14	24.18 0.22 0.17	28.03 0.25 0.00	32.55 0.29 0.00	41.02 0.61 0.00	46.72 0.92 0.00	46.37 0.86 0.00	40.48 0.52 0.00	34.04 0.44 0.06	32.32 0.60 0.00	28.28 0.47 0.00
NEG CENTRAL___STATE_STREET 24147	33.86 0.13 0.00	29.78 0.06 -0.17	27.28 -0.05 -0.04	28.33 -0.14 0.00	27.80 -0.08 0.00	29.01 0.00 0.00	31.79 -0.06 -0.16	27.32 -0.14 -0.16	27.26 -0.11 0.00	22.68 -0.14 -0.07	21.96 -0.15 -0.27	22.52 -0.18 -0.14	22.42 -0.18 -0.07	23.64 -0.17 -0.10	24.17 -0.19 -0.23	27.75 -0.19 -0.16	32.24 -0.23 -0.20	40.34 -0.08 0.00	46.12 0.05 -0.26	45.94 0.05 -0.39	40.22 -0.08 -0.34	33.88 -0.10 -0.32	31.71 0.00 0.00	27.88 -0.03 -0.10
NEG MILLWOOD___DRP 24198	35.08 1.35 0.00	30.76 1.21 0.00	28.27 0.98 0.00	29.61 1.14 0.00	28.80 0.92 0.00	29.97 0.96 0.00	32.77 1.08 0.00	28.38 1.09 0.00	28.46 1.09 0.00	23.73 0.98 0.00	22.85 1.00 0.00	23.74 1.11 -0.08	23.77 1.15 -0.09	25.15 1.19 -0.27	25.47 1.21 -0.13	29.31 1.31 -0.22	34.47 1.61 -0.59	42.36 1.94 0.00	47.87 2.06 0.00	47.47 1.96 0.00	41.68 1.72 0.00	35.01 1.35 0.00	32.95 1.24 0.00	28.81 1.00 0.00
NEG NORTH_FLCN_SEA 23793	35.28 1.55 0.00	31.58 1.39 -0.64	28.78 1.34 -0.15	29.89 1.42 0.00	29.31 1.42 0.00	30.58 1.57 0.00	34.04 1.74 -0.60	29.48 1.58 -0.60	29.09 1.72 0.00	24.46 1.46 -0.25	24.26 1.42 -1.00	24.49 1.42 -0.51	24.21 1.42 -0.27	25.54 1.47 -0.37	26.53 1.54 -0.85	30.16 1.78 -0.60	35.11 2.10 -0.75	43.00 2.59 0.00	50.27 3.48 -0.98	50.36 3.41 -1.44	44.06 2.84 -1.26	37.13 2.29 -1.18	33.62 1.90 0.00	29.87 1.70 -0.37
NEG NORTH_KES_CHATEGAY 23792	34.64 0.91 0.00	31.62 0.83 -1.24	28.38 0.79 -0.29	29.32 0.85 0.00	28.75 0.86 0.00	30.00 0.99 0.00	33.94 1.08 -1.17	29.47 1.01 -1.17	28.49 1.12 0.00	24.17 0.93 -0.49	24.70 0.92 -1.94	24.47 0.92 -0.99	23.95 0.90 -0.52	25.35 0.92 -0.72	26.77 0.99 -1.65	30.09 1.14 -1.17	35.08 1.35 -1.47	42.07 1.66 0.00	50.01 2.29 -1.91	50.59 2.28 -2.80	44.34 1.92 -2.46	37.48 1.51 -2.30	32.95 1.24 0.00	29.64 1.11 -0.72
NEG NORTH___ALICE_FALLS 23915	35.24 1.52 0.00	31.68 1.39 -0.75	28.78 1.31 -0.18	29.87 1.40 0.00	29.28 1.39 0.00	30.55 1.54 0.00	34.11 1.71 -0.70	29.55 1.56 -0.70	29.06 1.70 0.00	24.48 1.43 -0.29	24.41 1.40 -1.17	24.55 1.40 -0.60	24.24 1.40 -0.31	25.56 1.42 -0.43	26.65 1.52 -0.99	30.27 1.78 -0.70	35.24 2.10 -0.88	43.00 2.59 0.00	50.48 3.53 -1.15	50.65 3.46 -1.69	44.36 2.92 -1.48	37.37 2.32 -1.39	33.65 1.93 0.00	29.96 1.72 -0.43
NEG NORTH___LWR_SARANAC 23913	35.24 1.52 0.00	31.68 1.39 -0.75	28.78 1.31 -0.18	29.87 1.40 0.00	29.28 1.39 0.00	30.55 1.54 0.00	34.11 1.71 -0.70	29.55 1.56 -0.70	29.06 1.70 0.00	24.48 1.43 -0.29	24.41 1.40 -1.17	24.55 1.40 -0.60	24.24 1.40 -0.31	25.56 1.42 -0.43	26.65 1.52 -0.99	30.27 1.78 -0.70	35.24 2.10 -0.88	43.00 2.59 0.00	50.48 3.53 -1.15	50.65 3.46 -1.69	44.36 2.92 -1.48	37.37 2.32 -1.39	33.65 1.93 0.00	29.96 1.72 -0.43
NEG NORTH___PLATTSBURG 23628	35.25 1.52 0.00	31.69 1.39 -0.75	28.78 1.31 -0.18	29.87 1.39 0.00	29.28 1.39 0.00	30.55 1.54 0.00	34.11 1.71 -0.70	29.55 1.55 -0.70	29.06 1.70 0.00	24.48 1.43 -0.29	24.41 1.40 -1.17	24.55 1.40 -0.60	24.24 1.40 -0.31	25.56 1.42 -0.43	26.65 1.52 -0.99	30.18 1.70 -0.70	35.21 2.07 -0.88	43.00 2.59 0.00	50.53 3.58 -1.15	50.65 3.46 -1.69	44.36 2.92 -1.48	37.37 2.32 -1.39	33.65 1.93 0.00	29.96 1.72 -0.43
NEG WEST_LEA_LOCKPORT 23791	33.42 -0.30 0.00	28.90 -0.65 0.00	26.44 -0.85 0.00	27.45 -1.02 0.00	26.82 -1.06 0.00	28.38 -0.64 0.00	30.30 -1.39 0.00	25.14 -1.91 0.24	25.76 -1.42 0.19	21.82 -0.71 0.23	20.83 -0.63 0.38	21.76 -0.68 0.13	21.84 -0.65 0.03	22.64 -0.55 0.52	22.80 -0.72 0.61	26.45 -1.33 0.00	30.03 -2.23 0.00	37.75 -2.67 0.00	42.19 -3.62 0.00	42.28 -3.23 0.00	36.96 -3.00 0.00	30.92 -2.52 0.21	30.13 -1.59 0.00	27.03 -0.78 0.00
NEG WEST___LANCASTR 23811	33.22 -0.51 0.00	28.81 -0.74 0.00	26.36 -0.93 0.00	27.33 -1.14 0.00	26.71 -1.17 0.00	28.29 -0.73 0.00	30.46 -1.24 0.00	25.30 -1.77 0.22	25.91 -1.29 0.17	21.91 -0.64 0.20	20.93 -0.57 0.34	21.84 -0.61 0.11	21.91 -0.59 0.03	22.76 -0.47 0.47	22.96 -0.63 0.55	26.70 -1.08 0.00	30.42 -1.84 0.00	38.27 -2.14 0.00	42.92 -2.89 0.00	42.87 -2.64 0.00	37.28 -2.68 0.00	31.18 -2.29 0.19	30.19 -1.52 0.00	26.78 -1.03 0.00
NEG_PENN_ALLEGHNY 23528	34.03 0.30 0.00	29.76 0.21 0.00	27.40 0.11 0.00	28.53 0.06 0.00	27.94 0.06 0.00	29.16 0.15 0.00	31.76 0.06 0.00	27.12 -0.11 0.06	27.29 -0.03 0.05	22.71 0.02 0.06	21.77 0.02 0.10	22.53 0.00 0.03	22.54 0.02 0.01	23.62 0.05 0.13	23.98 0.00 0.15	27.81 0.03 0.00	32.10 -0.16 0.00	40.34 -0.08 0.00	45.90 0.09 0.00	45.55 0.05 0.00	39.88 -0.08 0.00	33.51 -0.10 0.05	31.74 0.03 0.00	27.83 0.03 0.00
NEG___GEN_MONROE 24207	33.89 0.17 0.00	29.46 -0.09 0.00	27.02 -0.27 0.00	28.10 -0.37 0.00	27.55 -0.33 0.00	28.90 -0.12 0.00	31.25 -0.44 0.00	26.31 -0.71 0.27	26.66 -0.49 0.21	22.29 -0.20 0.25	21.15 -0.26 0.43	22.15 -0.27 0.14	22.20 -0.29 0.04	22.91 -0.21 0.58	23.19 -0.27 0.68	27.23 -0.56 0.00	31.23 -1.03 0.00	39.41 -1.01 0.00	44.62 -1.19 0.00	44.51 -1.00 0.00	38.96 -1.00 0.00	32.41 -1.01 0.23	31.27 -0.44 0.00	27.53 -0.28 0.00
NEPA___ENERGY 23901	33.66 -0.07 0.00	29.19 -0.35 0.00	26.69 -0.60 0.00	27.64 -0.83 0.00	27.02 -0.86 0.00	28.61 -0.41 0.00	30.84 -0.86 0.00	25.68 -1.39 0.22	26.30 -0.90 0.17	22.23 -0.32 0.20	21.28 -0.22 0.34	22.20 -0.25 0.11	22.27 -0.23 0.03	23.15 -0.09 0.46	23.35 -0.24 0.54	27.14 -0.64 0.00	30.97 -1.29 0.00	38.96 -1.45 0.00	43.65 -2.15 0.00	43.60 -1.91 0.00	37.88 -2.08 0.00	31.66 -1.82 0.19	30.60 -1.11 0.00	27.05 -0.75 0.00

NEVERSINK___HYD 23608	34.84 1.11 0.00	30.58 1.03 0.00	28.16 0.87 0.00	29.44 0.97 0.00	28.72 0.84 0.00	29.88 0.87 0.00	32.58 0.89 0.00	28.14 0.85 0.00	28.22 0.85 0.00	23.41 0.66 0.00	22.52 0.68 0.00	23.33 0.72 -0.05	23.33 0.74 -0.06	24.66 0.78 -0.17	25.04 0.82 -0.08	28.90 0.97 -0.15	33.94 1.29 -0.39	42.07 1.66 0.00	47.55 1.74 0.00	47.33 1.82 0.00	41.52 1.56 0.00	34.80 1.15 0.00	32.76 1.04 0.00	28.72 0.92 0.00
NEWKRMKL_115KV_TB1 55635	33.66 -0.07 0.00	29.58 0.03 0.00	27.34 0.05 0.00	28.53 0.06 0.00	27.94 0.06 0.00	29.04 0.03 0.00	31.72 0.03 0.00	27.35 0.05 0.00	27.34 -0.03 0.00	22.68 -0.07 0.00	21.76 -0.09 0.00	22.43 -0.09 0.04	22.37 -0.11 0.05	23.44 -0.12 0.15	23.92 -0.14 0.07	27.55 -0.11 0.12	31.90 -0.03 0.33	40.29 -0.12 0.00	45.67 -0.14 0.00	45.37 -0.14 0.00	39.88 -0.08 0.00	33.76 0.10 0.00	31.71 0.00 0.00	27.83 0.03 0.00
NEWTON___FALLS_HYD 23847	34.10 0.37 0.00	35.47 0.24 -5.68	28.86 0.22 -1.35	28.67 0.20 0.00	28.27 0.39 0.00	29.45 0.44 0.00	37.60 0.54 -5.37	33.10 0.44 -5.37	27.69 0.33 0.00	25.15 0.16 -2.24	30.89 0.15 -8.89	27.20 0.11 -4.53	25.00 0.09 -2.38	27.08 0.07 -3.30	31.80 0.12 -7.54	33.24 0.08 -5.37	39.17 0.19 -6.72	40.82 0.40 0.00	55.44 0.87 -8.76	59.17 0.82 -12.84	52.08 0.84 -11.28	45.02 0.81 -10.56	32.35 0.63 0.00	31.64 0.53 -3.31
NGRID_A1_DSASP 323792	32.58 -1.15 0.00	28.22 -1.33 0.00	25.82 -1.47 0.00	26.79 -1.68 0.00	26.21 -1.67 0.00	27.71 -1.31 0.00	29.60 -2.09 0.00	24.68 -2.37 0.24	25.32 -1.86 0.19	21.52 -1.00 0.22	20.52 -0.94 0.38	21.47 -0.97 0.12	21.55 -0.95 0.03	22.33 -0.85 0.52	22.47 -1.06 0.61	26.31 -1.47 0.00	29.07 -3.19 0.00	36.62 -3.80 0.00	42.05 -3.76 0.00	41.50 -4.01 0.00	36.33 -3.64 0.00	30.56 -2.89 0.21	29.62 -2.09 0.00	26.42 -1.39 0.00
NGRID_A2_DSASP 323793	32.58 -1.15 0.00	28.22 -1.33 0.00	25.82 -1.47 0.00	26.79 -1.68 0.00	26.21 -1.67 0.00	27.71 -1.31 0.00	29.60 -2.09 0.00	24.68 -2.37 0.24	25.32 -1.86 0.19	21.52 -1.00 0.22	20.52 -0.94 0.38	21.47 -0.97 0.12	21.55 -0.95 0.03	22.33 -0.85 0.52	22.47 -1.06 0.61	26.31 -1.47 0.00	29.07 -3.19 0.00	36.62 -3.80 0.00	42.05 -3.76 0.00	41.50 -4.01 0.00	36.33 -3.64 0.00	30.56 -2.89 0.21	29.62 -2.09 0.00	26.42 -1.39 0.00
NGRID_A4_DSASP 323807	32.58 -1.15 0.00	28.22 -1.33 0.00	25.82 -1.47 0.00	26.79 -1.68 0.00	26.21 -1.67 0.00	27.71 -1.31 0.00	29.60 -2.09 0.00	24.68 -2.37 0.24	25.32 -1.86 0.19	21.52 -1.00 0.22	20.52 -0.94 0.38	21.47 -0.97 0.12	21.55 -0.95 0.03	22.33 -0.85 0.52	22.47 -1.06 0.61	26.31 -1.47 0.00	29.07 -3.19 0.00	36.62 -3.80 0.00	42.05 -3.76 0.00	41.50 -4.01 0.00	36.33 -3.64 0.00	30.56 -2.89 0.21	29.62 -2.09 0.00	26.42 -1.39 0.00
NIAGARA_115E_LBMP 323715	33.22 -0.50 0.00	28.72 -0.83 0.00	26.28 -1.01 0.00	27.28 -1.19 0.00	26.69 -1.20 0.00	28.20 -0.81 0.00	29.95 -1.74 0.00	24.73 -2.32 0.24	25.37 -1.81 0.19	21.55 -0.98 0.22	20.55 -0.92 0.38	21.47 -0.97 0.12	21.55 -0.95 0.03	22.34 -0.85 0.52	22.49 -1.04 0.61	26.34 -1.45 0.00	29.10 -3.16 0.00	36.70 -3.72 0.00	42.14 -3.67 0.00	41.64 -3.87 0.00	36.41 -3.56 0.00	30.62 -2.83 0.21	29.68 -2.03 0.00	26.91 -0.89 0.00
NIAGARA_115W_LBMP 323714	32.48 -1.25 0.00	28.16 -1.39 0.00	25.76 -1.53 0.00	26.73 -1.74 0.00	26.15 -1.73 0.00	27.65 -1.36 0.00	29.51 -2.19 0.00	24.59 -2.46 0.24	25.26 -1.92 0.19	21.45 -1.07 0.22	20.48 -0.98 0.38	21.40 -1.04 0.12	21.48 -1.01 0.03	22.26 -0.92 0.52	22.42 -1.11 0.61	26.26 -1.53 0.00	29.00 -3.26 0.00	36.54 -3.88 0.00	41.91 -3.89 0.00	41.41 -4.10 0.00	36.20 -3.76 0.00	30.49 -2.96 0.21	29.56 -2.16 0.00	26.36 -1.45 0.00
NIAGARA_230_LBMP 323716	33.02 -0.71 0.00	28.54 -1.00 0.00	26.12 -1.17 0.00	27.10 -1.37 0.00	26.52 -1.37 0.00	28.00 -1.02 0.00	29.98 -1.71 0.00	25.00 -2.05 0.25	25.65 -1.53 0.19	21.77 -0.75 0.23	20.76 -0.70 0.39	21.71 -0.72 0.13	21.80 -0.70 0.03	22.59 -0.59 0.52	22.73 -0.80 0.61	26.64 -1.14 0.00	29.49 -2.77 0.00	37.14 -3.27 0.00	42.60 -3.21 0.00	42.14 -3.37 0.00	36.80 -3.16 0.00	30.96 -2.49 0.21	30.00 -1.71 0.00	26.75 -1.06 0.00
NIAGARA___115KV_198_GIBSON 55903	32.48 -1.25 0.00	28.16 -1.39 0.00	25.76 -1.53 0.00	26.73 -1.74 0.00	26.15 -1.73 0.00	27.65 -1.36 0.00	29.51 -2.19 0.00	24.59 -2.46 0.24	25.29 -1.89 0.19	21.45 -1.07 0.22	20.48 -0.98 0.38	21.40 -1.04 0.12	21.48 -1.01 0.03	22.26 -0.92 0.52	22.44 -1.09 0.61	25.98 -1.81 0.00	29.45 -2.81 0.00	36.98 -3.44 0.00	41.23 -4.58 0.00	41.37 -4.14 0.00	36.21 -3.76 0.00	30.32 -3.13 0.21	29.56 -2.16 0.00	26.36 -1.45 0.00
NIAGARA____ 23760	33.02 -0.71 0.00	28.54 -1.00 0.00	26.12 -1.17 0.00	27.10 -1.37 0.00	26.52 -1.37 0.00	28.00 -1.02 0.00	29.98 -1.71 0.00	25.00 -2.05 0.24	25.65 -1.53 0.19	21.77 -0.75 0.22	20.76 -0.70 0.38	21.71 -0.72 0.12	21.80 -0.70 0.03	22.59 -0.59 0.52	22.73 -0.80 0.61	26.64 -1.14 0.00	29.49 -2.77 0.00	37.14 -3.27 0.00	42.60 -3.21 0.00	42.14 -3.37 0.00	36.80 -3.16 0.00	30.96 -2.49 0.21	30.00 -1.71 0.00	26.75 -1.06 0.00
NINE_MILE_1 23575	32.85 -0.88 0.00	28.75 -0.80 0.00	26.53 -0.76 0.00	27.64 -0.83 0.00	27.07 -0.81 0.00	28.20 -0.81 0.00	30.80 -0.89 0.00	22.76 -0.85 3.68	23.70 -0.85 2.82	18.66 -0.68 3.40	15.38 -0.68 5.79	19.97 -0.70 1.89	21.35 -0.70 0.48	15.12 -0.73 7.84	14.17 -0.75 9.22	26.92 -0.86 0.00	31.20 -1.06 0.00	39.12 -1.29 0.00	44.48 -1.33 0.00	44.14 -1.36 0.00	38.72 -1.24 0.00	29.46 -1.04 3.16	30.79 -0.92 0.00	27.00 -0.81 0.00
NINE_MILE_2 23744	32.85 -0.88 0.00	28.75 -0.80 0.00	26.53 -0.76 0.00	27.64 -0.83 0.00	27.07 -0.81 0.00	28.20 -0.81 0.00	30.80 -0.89 0.00	22.71 -0.85 3.74	23.66 -0.85 2.86	18.61 -0.68 3.45	15.29 -0.68 5.87	19.94 -0.70 1.92	21.34 -0.70 0.49	15.01 -0.73 7.96	14.03 -0.75 9.35	26.92 -0.86 0.00	31.20 -1.06 0.00	39.12 -1.29 0.00	44.48 -1.33 0.00	44.14 -1.36 0.00	38.72 -1.24 0.00	29.41 -1.04 3.21	30.79 -0.92 0.00	27.00 -0.81 0.00
NM_CAPITAL___DRP 24208	33.73 0.00 0.00	29.64 0.09 0.00	27.40 0.11 0.00	28.58 0.11 0.00	28.00 0.11 0.00	29.07 0.06 0.00	31.79 0.10 0.00	27.43 0.14 0.00	27.42 0.05 0.00	22.75 0.00 0.00	21.82 -0.02 0.00	22.49 -0.02 0.05	22.45 -0.02 0.05	23.49 -0.05 0.16	24.01 -0.05 0.08	27.62 -0.03 0.14	31.93 0.03 0.36	40.38 -0.04 0.00	45.76 -0.05 0.00	45.46 -0.05 0.00	39.96 0.00 0.00	33.79 0.13 0.00	31.78 0.06 0.00	27.89 0.08 0.00
NM_CENTRAL___DRP 24181	33.46 -0.27 0.00	29.53 -0.27 -0.25	27.05 -0.30 -0.06	28.10 -0.37 0.00	27.55 -0.33 0.00	28.72 -0.29 0.00	31.55 -0.38 -0.23	27.01 -0.41 -0.13	26.87 -0.41 0.08	22.41 -0.34 0.00	21.71 -0.35 -0.22	22.34 -0.36 -0.14	22.26 -0.36 -0.09	23.26 -0.36 0.08	23.81 -0.39 -0.06	27.57 -0.44 -0.23	31.97 -0.58 -0.29	39.73 -0.69 0.00	45.46 -0.73 -0.38	45.34 -0.73 -0.56	39.77 -0.68 -0.49	33.49 -0.54 -0.37	31.36 -0.35 0.00	27.62 -0.33 -0.14

NM_FRONTIER___DRP 24179	32.48 -1.25 0.00	28.16 -1.39 0.00	25.76 -1.53 0.00	26.73 -1.74 0.00	26.15 -1.73 0.00	27.65 -1.36 0.00	29.51 -2.19 0.00	24.59 -2.46 0.24	25.29 -1.89 0.19	21.45 -1.07 0.22	20.48 -0.98 0.38	21.40 -1.04 0.12	21.48 -1.01 0.03	22.26 -0.92 0.52	22.44 -1.09 0.61	25.98 -1.81 0.00	29.45 -2.81 0.00	36.98 -3.44 0.00	41.23 -4.58 0.00	41.37 -4.14 0.00	36.21 -3.76 0.00	30.32 -3.13 0.21	29.56 -2.16 0.00	26.36 -1.45 0.00
NM_ST_REGIS___HYD 24053	34.50 0.78 0.00	37.52 0.68 -7.29	29.68 0.65 -1.73	29.18 0.71 0.00	28.64 0.75 0.00	29.86 0.84 0.00	39.53 0.95 -6.88	35.05 0.87 -6.88	28.24 0.88 0.00	26.31 0.68 -2.88	33.92 0.68 -11.40	29.03 0.65 -5.81	26.24 0.65 -3.06	28.58 0.64 -4.23	34.55 0.75 -9.67	35.50 0.83 -6.88	41.91 1.03 -8.61	41.71 1.29 0.00	58.87 1.83 -11.23	63.84 1.87 -16.46	56.03 1.60 -14.47	48.51 1.31 -13.54	32.76 1.05 0.00	33.00 0.95 -4.25
NORTHPORT___1 23551	35.45 1.72 0.00	30.79 1.24 0.00	28.08 0.79 0.00	29.30 0.83 0.00	28.52 0.64 0.00	29.62 0.61 0.00	32.99 1.30 0.00	28.44 1.15 0.00	28.49 1.12 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.11 1.47 -0.09	24.05 1.42 -0.10	25.66 1.66 -0.29	26.04 1.76 -0.14	34.03 2.08 -4.16	37.08 2.45 -2.36	42.40 1.98 0.00	47.41 1.60 0.00	46.42 0.91 0.00	41.00 1.04 0.00	35.37 1.72 0.00	33.01 1.30 0.00	28.83 1.03 0.00
NORTHPORT___2 23552	35.45 1.72 0.00	30.79 1.24 0.00	28.08 0.79 0.00	29.30 0.83 0.00	28.52 0.64 0.00	29.62 0.61 0.00	32.99 1.30 0.00	28.44 1.15 0.00	28.49 1.12 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.11 1.47 -0.09	24.05 1.42 -0.10	25.66 1.66 -0.29	26.04 1.76 -0.14	34.03 2.08 -4.16	37.08 2.45 -2.36	42.40 1.98 0.00	47.41 1.60 0.00	46.42 0.91 0.00	41.00 1.04 0.00	35.37 1.72 0.00	33.01 1.30 0.00	28.83 1.03 0.00
NORTHPORT___3 23553	35.28 1.55 0.00	30.64 1.09 0.00	27.97 0.68 0.00	29.21 0.74 0.00	28.44 0.56 0.00	29.54 0.52 0.00	32.87 1.17 0.00	28.39 1.09 0.00	28.46 1.10 0.00	23.88 1.14 0.00	23.09 1.24 0.00	24.07 1.42 -0.09	24.00 1.37 -0.10	25.61 1.61 -0.29	25.97 1.69 -0.14	33.90 1.92 -4.20	36.90 2.26 -2.38	41.99 1.57 0.00	46.90 1.10 0.00	45.96 0.46 0.00	40.68 0.72 0.00	35.18 1.52 0.00	32.85 1.14 0.00	28.69 0.89 0.00
NORTHPORT___4 23650	35.28 1.55 0.00	30.64 1.09 0.00	27.97 0.68 0.00	29.21 0.74 0.00	28.44 0.56 0.00	29.54 0.52 0.00	32.87 1.17 0.00	28.39 1.09 0.00	28.46 1.10 0.00	23.88 1.14 0.00	23.09 1.24 0.00	24.07 1.42 -0.09	24.00 1.37 -0.10	25.61 1.61 -0.29	25.97 1.69 -0.14	33.90 1.92 -4.20	36.90 2.26 -2.38	41.99 1.57 0.00	46.90 1.10 0.00	45.96 0.46 0.00	40.68 0.72 0.00	35.18 1.52 0.00	32.85 1.14 0.00	28.69 0.89 0.00
NORTHPORT___IC 23718	35.45 1.72 0.00	30.79 1.24 0.00	28.08 0.79 0.00	29.30 0.83 0.00	28.52 0.64 0.00	29.62 0.61 0.00	32.99 1.30 0.00	28.44 1.15 0.00	28.49 1.12 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.11 1.47 -0.09	24.05 1.42 -0.10	25.66 1.66 -0.29	26.02 1.74 -0.14	34.00 2.06 -4.16	37.05 2.42 -2.36	42.32 1.90 0.00	47.59 1.79 0.00	46.46 0.96 0.00	41.08 1.12 0.00	35.44 1.78 0.00	33.01 1.30 0.00	28.83 1.03 0.00
NORTH___COUNTRY_ESR 323785	34.57 0.84 0.00	31.57 0.77 -1.25	28.32 0.74 -0.30	29.27 0.80 0.00	28.69 0.81 0.00	29.91 0.90 0.00	33.89 1.01 -1.18	29.43 0.95 -1.18	28.41 1.04 0.00	24.13 0.89 -0.49	24.68 0.87 -1.96	24.44 0.88 -1.00	23.91 0.86 -0.53	25.31 0.88 -0.73	26.74 0.94 -1.66	30.00 1.03 -1.18	35.03 1.29 -1.48	41.99 1.57 0.00	49.89 2.15 -1.93	50.44 2.09 -2.83	44.21 1.76 -2.49	37.40 1.41 -2.33	32.85 1.14 0.00	29.54 1.00 -0.73
NPX_GEN_1385_PROXY 323591	35.45 1.72 0.00	30.79 1.24 0.00	28.08 0.79 0.00	29.30 0.83 0.00	28.52 0.64 0.00	29.62 0.61 0.00	29.81 1.30 3.18	31.62 1.15 -3.18	28.49 1.12 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.11 1.47 -0.09	24.05 1.42 -0.10	25.66 1.66 -0.29	26.04 1.76 -0.14	34.03 2.08 -4.16	37.08 2.45 -2.36	42.40 1.98 0.00	47.41 1.60 0.00	46.42 0.91 0.00	41.00 1.04 0.00	35.37 1.72 0.00	33.01 1.30 0.00	28.83 1.03 0.00
NPX_GEN_CSC 323557	35.14 1.42 0.00	30.47 0.92 0.00	27.72 0.44 0.00	28.92 0.45 0.00	28.16 0.28 0.00	29.22 0.20 0.00	29.36 0.86 3.18	29.48 0.71 -1.48	24.79 0.60 3.18	22.28 0.75 1.22	20.61 0.87 2.11	23.71 1.06 -0.09	23.62 0.99 -0.10	25.28 1.28 -0.29	25.68 1.40 -0.14	33.86 1.86 -4.22	36.94 2.29 -2.39	42.36 1.94 0.00	47.45 1.65 0.00	46.37 0.86 0.00	40.80 0.84 0.00	35.14 1.48 0.00	32.73 1.01 0.00	28.58 0.78 0.00
NSINS_S_GLNS_FALLS 23858	34.43 0.71 0.00	30.26 0.71 0.00	27.97 0.68 0.00	29.18 0.71 0.00	28.64 0.75 0.00	29.77 0.75 0.00	32.42 0.73 0.00	27.78 0.49 0.00	28.30 0.93 0.00	23.27 0.52 0.00	22.00 0.15 0.00	22.60 0.09 0.05	22.47 0.00 0.06	23.51 -0.02 0.17	23.96 -0.10 0.08	27.78 0.14 0.14	31.62 0.26 0.38	40.82 0.40 0.00	46.68 0.87 0.00	46.56 1.05 0.00	40.92 0.96 0.00	34.50 0.84 0.00	32.47 0.76 0.00	28.47 0.67 0.00
NUCOR_STEEL___DRP 24197	33.86 0.13 0.00	29.81 0.09 -0.17	27.30 -0.03 -0.04	28.36 -0.11 0.00	27.83 -0.06 0.00	29.04 0.03 0.00	31.82 -0.03 -0.16	27.32 -0.14 -0.16	27.23 -0.14 0.00	22.68 -0.14 -0.07	21.94 -0.17 -0.27	22.52 -0.18 -0.14	22.42 -0.18 -0.07	23.64 -0.17 -0.10	24.17 -0.19 -0.23	27.75 -0.19 -0.16	32.21 -0.26 -0.21	40.29 -0.12 0.00	46.03 -0.05 0.00	45.86 -0.05 -0.39	40.19 -0.12 -0.35	33.85 -0.13 -0.32	31.71 0.00 0.00	27.88 -0.03 -0.10
NUMBER_THREE_WT_PWR 323818	33.86 0.14 0.00	32.02 0.00 -2.47	27.88 0.00 -0.59	28.44 -0.03 0.00	28.19 0.31 0.00	29.36 0.35 0.00	34.50 0.48 -2.33	29.92 0.30 -2.33	27.48 0.11 0.00	23.68 -0.05 -0.97	25.64 -0.07 -3.86	24.44 -0.09 -1.97	23.43 -0.13 -1.03	24.97 -0.16 -1.43	27.27 -0.14 -3.27	29.89 -0.22 -2.33	35.11 -0.06 -2.92	40.58 0.16 0.00	50.30 0.69 -3.80	51.54 0.46 -5.57	45.58 0.72 -4.90	38.91 0.67 -4.58	32.25 0.54 0.00	29.69 0.44 -1.44
NYISO_LBMP_REFERENCE 24008	33.73 0.00 0.00	29.55 0.00 0.00	27.29 0.00 0.00	28.47 0.00 0.00	27.88 0.00 0.00	29.01 0.00 0.00	31.69 0.00 0.00	27.29 0.00 0.00	27.37 0.00 0.00	22.75 0.00 0.00	21.84 0.00 0.00	22.56 0.00 0.00	22.53 0.00 0.00	23.70 0.00 0.00	24.14 0.00 0.00	27.78 0.00 0.00	32.26 0.00 0.00	40.42 0.00 0.00	45.81 0.00 0.00	45.51 0.00 0.00	39.96 0.00 0.00	33.66 0.00 0.00	31.71 0.00 0.00	27.81 0.00 0.00
NYPA_BRENTWD____GT 24164	35.78 2.06 0.00	31.06 1.51 0.00	28.30 1.01 0.00	29.52 1.05 0.00	28.75 0.87 0.00	29.86 0.84 0.00	33.24 1.55 0.00	28.58 1.28 0.00	28.60 1.23 0.00	24.02 1.27 0.00	23.24 1.40 0.00	24.23 1.58 -0.09	24.14 1.51 -0.10	25.80 1.80 -0.29	26.19 1.91 -0.14	34.40 2.33 -4.29	37.48 2.81 -2.42	42.96 2.55 0.00	48.10 2.29 0.00	47.10 1.59 0.00	41.48 1.52 0.00	35.71 2.05 0.00	33.30 1.58 0.00	29.08 1.28 0.00

NYPA_GOWANUS____GT5 24156	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NYPA_GOWANUS____GT6 24157	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.08 1.20 0.00	30.14 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.75 1.72 -0.25	35.07 2.16 -0.65	42.84 2.42 0.00	47.96 2.15 0.00	47.60 2.09 0.00	41.92 1.96 0.00	35.24 1.58 0.00	33.14 1.43 0.00	29.08 1.28 0.00
NYPA_HARLEM__RVR__GT1 24160	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.82 1.34 -0.01	29.20 1.31 -0.01	30.18 1.16 0.00	32.87 1.17 0.00	28.44 1.15 0.00	28.56 1.20 0.01	23.92 1.18 0.01	23.18 1.33 0.00	24.09 1.45 -0.09	24.09 1.46 -0.10	25.47 1.47 -0.29	25.74 1.47 -0.13	29.58 1.55 -0.24	34.81 1.90 -0.64	42.51 2.10 0.01	47.63 1.83 0.01	47.27 1.77 0.01	41.59 1.64 0.01	35.07 1.41 0.00	33.14 1.43 0.00	29.18 1.36 -0.01
NYPA_HARLEM__RVR__GT2 24161	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.82 1.34 -0.01	29.20 1.31 -0.01	30.18 1.16 0.00	32.87 1.17 0.00	28.44 1.15 0.00	28.56 1.20 0.01	23.92 1.18 0.01	23.18 1.33 0.00	24.09 1.45 -0.09	24.09 1.46 -0.10	25.47 1.47 -0.29	25.74 1.47 -0.13	29.58 1.55 -0.24	34.81 1.90 -0.64	42.51 2.10 0.01	47.63 1.83 0.01	47.27 1.77 0.01	41.59 1.64 0.01	35.07 1.41 0.00	33.14 1.43 0.00	29.18 1.36 -0.01
NYPA_KENT____GT 24152	35.35 1.62 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.12 1.10 0.00	32.93 1.23 0.00	28.55 1.26 0.00	28.68 1.31 0.00	24.00 1.25 0.00	23.24 1.40 0.00	24.14 1.49 -0.09	24.14 1.51 -0.10	25.56 1.56 -0.29	25.87 1.59 -0.14	29.72 1.70 -0.25	35.04 2.13 -0.65	42.80 2.38 0.00	47.87 2.06 0.00	47.51 2.00 0.00	41.84 1.88 0.00	35.18 1.52 0.00	33.11 1.39 0.00	29.03 1.22 0.00
NYPA_POUCH1____GT 24155	35.35 1.62 0.00	30.88 1.33 0.00	28.30 1.01 0.00	10.03 1.14 19.58	12.19 1.17 16.87	12.71 1.10 17.40	16.56 1.23 16.37	11.23 1.26 17.32	14.77 1.31 13.91	15.07 1.27 8.96	15.45 1.40 7.79	15.59 1.51 8.48	20.89 1.53 3.17	20.83 1.61 4.48	21.98 1.62 3.77	23.40 1.72 6.11	25.82 2.16 8.60	25.94 2.42 16.90	26.19 2.11 21.72	26.20 2.05 21.36	25.58 1.96 16.34	23.57 1.55 11.64	21.82 1.43 11.32	13.92 1.25 15.14
NYPA_VERNON____GT2 24162	35.31 1.59 0.00	30.91 1.36 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.03 1.14 0.00	30.09 1.07 0.00	32.90 1.20 0.00	28.52 1.23 0.00	28.68 1.31 0.00	24.00 1.25 0.00	23.20 1.35 0.00	24.09 1.45 -0.09	24.09 1.46 -0.10	25.54 1.54 -0.29	25.82 1.55 -0.14	29.70 1.67 -0.25	34.98 2.07 -0.65	42.72 2.30 0.00	47.82 2.01 0.00	47.46 1.96 0.00	41.80 1.84 0.00	35.14 1.48 0.00	33.08 1.36 0.00	29.00 1.19 0.00
NYPA_VERNON____GT3 24163	35.31 1.59 0.00	30.91 1.36 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.03 1.14 0.00	30.09 1.07 0.00	32.90 1.20 0.00	28.52 1.23 0.00	28.68 1.31 0.00	24.00 1.25 0.00	23.20 1.35 0.00	24.09 1.45 -0.09	24.09 1.46 -0.10	25.54 1.54 -0.29	25.82 1.55 -0.14	29.70 1.67 -0.25	34.98 2.07 -0.65	42.72 2.30 0.00	47.82 2.01 0.00	47.46 1.96 0.00	41.80 1.84 0.00	35.14 1.48 0.00	33.08 1.36 0.00	29.00 1.19 0.00
NYPA____ASTORIA_CC1 323568	35.31 1.59 0.00	30.91 1.36 0.00	28.35 1.06 0.00	29.69 1.22 0.00	29.00 1.12 0.00	30.06 1.04 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.63 1.26 0.00	23.95 1.20 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.64 1.61 -0.25	34.91 2.00 -0.65	42.64 2.22 0.00	47.73 1.92 0.00	47.38 1.87 0.00	41.72 1.76 0.00	35.07 1.41 0.00	33.04 1.33 0.00	29.00 1.19 0.00
NYPA____ASTORIA_CC2 323569	35.31 1.59 0.00	30.91 1.36 0.00	28.35 1.06 0.00	29.69 1.22 0.00	29.00 1.12 0.00	30.06 1.04 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.63 1.26 0.00	23.95 1.20 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.64 1.61 -0.25	34.91 2.00 -0.65	42.64 2.22 0.00	47.73 1.92 0.00	47.38 1.87 0.00	41.72 1.76 0.00	35.07 1.41 0.00	33.04 1.33 0.00	29.00 1.19 0.00
NYPA____HOLTSVILL 23794	35.41 1.69 0.00	30.73 1.18 0.00	27.97 0.68 0.00	29.21 0.74 0.00	28.41 0.53 0.00	29.51 0.49 0.00	32.87 1.17 0.00	28.25 0.95 0.00	28.30 0.93 0.00	23.77 1.02 0.00	22.98 1.14 0.00	23.98 1.33 -0.09	23.89 1.26 -0.10	25.54 1.54 -0.29	25.92 1.64 -0.14	34.05 2.06 -4.21	37.17 2.52 -2.39	42.60 2.18 0.00	47.69 1.88 0.00	46.69 1.18 0.00	41.08 1.12 0.00	35.37 1.72 0.00	32.98 1.27 0.00	28.80 1.00 0.00
NYPA____HELLGATE_GT1 24158	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.82 1.34 -0.01	29.20 1.31 -0.01	30.18 1.16 0.00	32.87 1.17 0.00	28.44 1.15 0.00	28.56 1.20 0.01	23.92 1.18 0.01	23.18 1.33 0.00	24.09 1.45 -0.09	24.09 1.46 -0.10	25.47 1.47 -0.29	25.74 1.47 -0.13	29.58 1.55 -0.24	34.81 1.90 -0.64	42.51 2.10 0.01	47.63 1.83 0.01	47.27 1.77 0.01	41.59 1.64 0.01	35.07 1.41 0.00	33.14 1.43 0.00	29.18 1.36 -0.01
NYPA____HELLGATE_GT2 24159	35.45 1.72 -0.01	31.03 1.48 -0.01	28.50 1.20 -0.01	29.82 1.34 -0.01	29.20 1.31 -0.01	30.18 1.16 0.00	32.87 1.17 0.00	28.44 1.15 0.00	28.56 1.20 0.01	23.92 1.18 0.01	23.18 1.33 0.00	24.09 1.45 -0.09	24.09 1.46 -0.10	25.47 1.47 -0.29	25.74 1.47 -0.13	29.58 1.55 -0.24	34.81 1.90 -0.64	42.51 2.10 0.01	47.63 1.83 0.01	47.27 1.77 0.01	41.59 1.64 0.01	35.07 1.41 0.00	33.14 1.43 0.00	29.18 1.36 -0.01
NYS_BARGE____HYD 23848	33.46 -0.27 0.00	28.96 -0.59 0.00	26.47 -0.82 0.00	27.47 -1.00 0.00	26.88 -1.00 0.00	28.43 -0.58 0.00	30.30 -1.39 0.00	25.11 -1.94 0.25	25.73 -1.45 0.19	21.82 -0.71 0.23	20.80 -0.65 0.39	21.73 -0.70 0.13	21.82 -0.68 0.03	22.61 -0.57 0.52	22.75 -0.77 0.62	26.70 -1.08 0.00	29.55 -2.71 0.00	37.30 -3.11 0.00	42.87 -2.93 0.00	42.37 -3.14 0.00	37.01 -2.96 0.00	31.09 -2.36 0.21	30.10 -1.62 0.00	27.08 -0.72 0.00
OAK ORCHARD____HYD 24046	33.69 -0.03 0.00	29.28 -0.27 0.00	26.85 -0.44 0.00	27.93 -0.54 0.00	27.38 -0.50 0.00	28.72 -0.29 0.00	31.15 -0.54 0.00	26.34 -0.68 0.27	26.64 -0.52 0.21	22.27 -0.23 0.25	21.17 -0.24 0.43	22.17 -0.25 0.14	22.22 -0.27 0.04	22.93 -0.19 0.59	23.16 -0.29 0.69	27.39 -0.39 0.00	31.13 -1.13 0.00	39.28 -1.13 0.00	45.07 -0.73 0.00	44.64 -0.87 0.00	39.04 -0.92 0.00	32.62 -0.81 0.24	31.27 -0.44 0.00	27.42 -0.39 0.00

OAKDALE___35_KV_LOAD 356122	33.89 0.17 0.00	29.64 0.09 0.00	27.32 0.03 0.00	28.41 -0.06 0.00	27.83 -0.06 0.00	29.04 0.03 0.00	31.63 -0.06 0.00	27.04 -0.19 0.06	27.18 -0.14 0.05	22.64 -0.05 0.06	21.70 -0.04 0.10	22.46 -0.07 0.03	22.48 -0.05 0.01	23.54 -0.02 0.13	23.93 -0.05 0.16	27.67 -0.11 0.00	32.07 -0.19 0.00	40.25 -0.16 0.00	45.58 -0.23 0.00	45.33 -0.18 0.00	39.68 -0.28 0.00	33.34 -0.27 0.05	31.62 -0.10 0.00	27.75 -0.06 0.00
OCC_CHEM___DRP 24175	32.58 -1.15 0.00	28.22 -1.33 0.00	25.82 -1.47 0.00	26.79 -1.68 0.00	26.21 -1.67 0.00	27.71 -1.31 0.00	29.60 -2.09 0.00	24.68 -2.37 0.24	25.35 -1.83 0.19	21.52 -1.00 0.22	20.54 -0.92 0.38	21.47 -0.97 0.12	21.55 -0.95 0.03	22.33 -0.85 0.52	22.49 -1.04 0.61	26.06 -1.72 0.00	29.55 -2.71 0.00	37.06 -3.35 0.00	41.32 -4.49 0.00	41.46 -4.05 0.00	36.29 -3.68 0.00	30.39 -3.06 0.21	29.65 -2.06 0.00	26.44 -1.36 0.00
OH_GEN_PROXY 24063	33.02 -0.71 0.00	28.54 -1.00 0.00	26.12 -1.17 0.00	27.10 -1.37 0.00	25.04 -1.37 1.48	25.00 -1.02 3.00	26.00 -1.68 4.01	28.24 -1.99 -2.94	25.70 -1.48 0.19	21.79 -0.73 0.23	20.78 -0.68 0.39	21.73 -0.70 0.13	21.82 -0.68 0.03	22.61 -0.57 0.52	22.75 -0.77 0.61	26.70 -1.08 0.00	29.55 -2.71 0.00	37.26 -3.15 0.00	42.74 -3.07 0.00	42.23 -3.28 0.00	36.92 -3.04 0.00	31.02 -2.42 0.21	30.03 -1.68 0.00	26.75 -1.06 0.00
OLIN_CORP_DRP 24177	33.22 -0.51 0.00	28.75 -0.80 0.00	26.28 -1.01 0.00	27.27 -1.20 0.00	26.68 -1.20 0.00	28.20 -0.81 0.00	29.98 -1.71 0.00	24.79 -2.27 0.24	25.46 -1.72 0.18	21.59 -0.93 0.22	20.59 -0.87 0.38	21.51 -0.92 0.12	21.62 -0.88 0.03	22.41 -0.78 0.51	22.57 -0.97 0.60	26.14 -1.64 0.00	29.68 -2.58 0.00	37.26 -3.15 0.00	41.59 -4.21 0.00	41.69 -3.82 0.00	36.49 -3.48 0.00	30.52 -2.93 0.21	29.75 -1.97 0.00	26.92 -0.89 0.00
OLIN_CORP_DSASP 323712	32.58 -1.15 0.00	28.22 -1.33 0.00	25.82 -1.47 0.00	26.79 -1.68 0.00	26.21 -1.67 0.00	27.71 -1.31 0.00	29.60 -2.09 0.00	24.68 -2.37 0.24	25.32 -1.86 0.19	21.52 -1.00 0.22	20.52 -0.94 0.38	21.47 -0.97 0.12	21.55 -0.95 0.03	22.33 -0.85 0.52	22.47 -1.06 0.61	26.31 -1.47 0.00	29.07 -3.19 0.00	36.62 -3.80 0.00	42.05 -3.76 0.00	41.50 -4.01 0.00	36.33 -3.64 0.00	30.56 -2.89 0.21	29.62 -2.09 0.00	26.42 -1.39 0.00
ONEIDA_HERK_LFGE 323681	34.06 0.34 0.00	30.92 0.24 -1.14	27.75 0.19 -0.27	28.64 0.17 0.00	28.22 0.34 0.00	29.36 0.35 0.00	33.21 0.44 -1.08	28.70 0.33 -1.08	27.53 0.17 0.00	23.24 0.05 -0.45	23.65 0.02 -1.78	23.47 0.00 -0.91	22.98 -0.02 -0.48	24.34 -0.02 -0.66	25.62 -0.02 -1.51	28.83 -0.03 -1.08	33.74 0.13 -1.35	40.74 0.32 0.00	48.25 0.69 -1.76	48.77 0.68 -2.57	42.90 0.68 -2.26	36.35 0.57 -2.12	32.22 0.51 0.00	28.89 0.42 -0.66
ONEIDA___115KV_TB4 55905	34.23 0.51 0.00	30.45 0.41 -0.49	27.76 0.35 -0.12	28.76 0.28 0.00	28.25 0.36 0.00	29.42 0.41 0.00	32.63 0.48 -0.46	28.08 0.33 -0.46	27.56 0.19 0.00	23.01 0.07 -0.19	22.65 0.04 -0.76	22.97 0.02 -0.39	22.76 0.02 -0.20	24.01 0.02 -0.28	24.81 0.02 -0.65	28.30 0.06 -0.46	33.03 0.19 -0.58	40.78 0.36 0.00	47.24 0.69 -0.75	47.34 0.73 -1.10	41.57 0.64 -0.97	35.04 0.47 -0.91	32.19 0.48 0.00	28.48 0.39 -0.28
ONONDAGA_REF_OCCRA 23987	33.59 -0.13 0.00	29.59 -0.18 -0.22	27.12 -0.22 -0.05	28.19 -0.28 0.00	27.63 -0.25 0.00	28.81 -0.20 0.00	31.61 -0.29 -0.20	27.09 -0.33 -0.13	27.01 -0.30 0.06	22.49 -0.27 -0.01	21.78 -0.28 -0.22	22.40 -0.29 -0.13	22.32 -0.29 -0.08	23.38 -0.28 0.04	23.91 -0.31 -0.09	27.63 -0.36 -0.20	32.06 -0.45 -0.26	39.93 -0.48 0.00	45.64 -0.50 -0.33	45.50 -0.50 -0.49	39.91 -0.48 -0.43	33.59 -0.40 -0.33	31.46 -0.25 0.00	27.68 -0.25 -0.13
ONONDAGA___COGEN 23986	33.59 -0.13 0.00	29.61 -0.15 -0.21	27.15 -0.19 -0.05	28.21 -0.26 0.00	27.66 -0.22 0.00	28.84 -0.17 0.00	31.63 -0.25 -0.19	27.21 -0.27 -0.19	27.09 -0.27 0.00	22.58 -0.25 -0.08	21.88 -0.28 -0.32	22.43 -0.29 -0.16	22.32 -0.29 -0.09	23.54 -0.28 -0.12	24.10 -0.31 -0.27	27.64 -0.33 -0.19	32.08 -0.42 -0.24	40.01 -0.40 0.00	45.76 -0.37 -0.32	45.56 -0.41 -0.46	39.97 -0.40 -0.41	33.67 -0.37 -0.38	31.49 -0.22 0.00	27.70 -0.22 -0.12
ONTARIO___LFGE 23819	34.57 0.84 0.00	30.14 0.59 0.00	27.64 0.35 0.00	28.70 0.23 0.00	28.19 0.31 0.00	29.54 0.52 0.00	32.14 0.44 0.00	27.39 0.16 0.07	27.73 0.41 0.05	23.00 0.32 0.06	21.96 0.22 0.11	22.70 0.18 0.03	22.70 0.18 0.01	23.80 0.24 0.14	24.16 0.19 0.17	28.14 0.36 0.00	32.42 0.16 0.00	40.86 0.45 0.00	46.95 1.15 0.00	46.42 0.91 0.00	40.48 0.52 0.00	34.07 0.47 0.06	32.31 0.60 0.00	28.28 0.47 0.00
ORANGEVILLE_WT_PWR 323706	33.56 -0.17 0.00	29.11 -0.44 0.00	26.63 -0.66 0.00	27.62 -0.85 0.00	27.02 -0.86 0.00	28.49 -0.52 0.00	30.68 -1.02 0.00	25.62 -1.47 0.20	25.93 -1.29 0.15	21.84 -0.73 0.18	20.86 -0.68 0.31	21.74 -0.72 0.10	21.83 -0.68 0.03	22.69 -0.59 0.42	22.89 -0.75 0.49	26.78 -1.00 0.00	29.97 -2.29 0.00	37.83 -2.59 0.00	43.52 -2.29 0.00	43.05 -2.46 0.00	37.52 -2.44 0.00	31.47 -2.02 0.17	30.29 -1.43 0.00	26.86 -0.95 0.00
ORANGEVILLE___ESR 323794	33.56 -0.17 0.00	29.11 -0.44 0.00	26.63 -0.66 0.00	27.62 -0.85 0.00	27.02 -0.86 0.00	28.49 -0.52 0.00	30.68 -1.02 0.00	25.62 -1.47 0.20	25.93 -1.29 0.15	21.84 -0.73 0.18	20.86 -0.68 0.31	21.74 -0.72 0.10	21.83 -0.68 0.03	22.69 -0.59 0.42	22.89 -0.75 0.49	26.78 -1.00 0.00	29.97 -2.29 0.00	37.83 -2.59 0.00	43.52 -2.29 0.00	43.05 -2.46 0.00	37.52 -2.44 0.00	31.47 -2.02 0.17	30.29 -1.43 0.00	26.86 -0.95 0.00
OSWEGATCHIE___HYD 24044	34.10 0.37 0.00	35.47 0.24 -5.68	28.86 0.22 -1.35	28.67 0.20 0.00	28.27 0.39 0.00	29.45 0.44 0.00	37.60 0.54 -5.37	33.10 0.44 -5.37	27.70 0.33 0.00	25.15 0.16 -2.24	30.89 0.15 -8.89	27.21 0.11 -4.53	25.00 0.09 -2.38	27.08 0.07 -3.30	31.80 0.12 -7.54	33.21 0.06 -5.37	39.17 0.19 -6.72	40.82 0.40 0.00	55.43 0.87 -8.76	59.17 0.82 -12.84	52.09 0.84 -11.28	45.02 0.81 -10.56	32.35 0.63 0.00	31.64 0.53 -3.31
OSWEGO___5 23606	33.08 -0.64 0.00	28.96 -0.59 0.00	26.72 -0.57 0.00	27.82 -0.65 0.00	27.27 -0.61 0.00	28.40 -0.61 0.00	30.99 -0.70 0.00	27.41 -0.66 -0.77	27.30 -0.66 -0.59	22.91 -0.55 -0.71	22.53 -0.52 -1.21	22.39 -0.56 -0.39	22.07 -0.56 -0.10	24.77 -0.57 -1.64	25.46 -0.60 -1.93	27.12 -0.67 0.00	31.39 -0.87 0.00	39.41 -1.01 0.00	44.80 -1.01 0.00	44.46 -1.04 0.00	39.00 -0.96 0.00	33.51 -0.81 -0.66	31.02 -0.70 0.00	27.19 -0.61 0.00
OSWEGO___6 23613	33.08 -0.64 0.00	28.96 -0.59 0.00	26.72 -0.57 0.00	27.82 -0.65 0.00	27.27 -0.61 0.00	28.40 -0.61 0.00	30.99 -0.70 0.00	27.41 -0.66 -0.77	27.30 -0.66 -0.59	22.91 -0.55 -0.71	22.53 -0.52 -1.21	22.39 -0.56 -0.39	22.07 -0.56 -0.10	24.77 -0.57 -1.64	25.46 -0.60 -1.93	27.12 -0.67 0.00	31.39 -0.87 0.00	39.41 -1.01 0.00	44.80 -1.01 0.00	44.46 -1.04 0.00	39.00 -0.96 0.00	33.51 -0.81 -0.66	31.02 -0.70 0.00	27.19 -0.61 0.00

OUTOKUMPU-AB___DRP 24206	33.36 -0.37 0.00	28.90 -0.65 0.00	26.42 -0.87 0.00	27.42 -1.05 0.00	26.82 -1.06 0.00	28.38 -0.64 0.00	30.36 -1.33 0.00	25.23 -1.83 0.24	25.87 -1.31 0.18	21.94 -0.59 0.22	20.94 -0.52 0.38	21.85 -0.59 0.12	21.96 -0.54 0.03	22.77 -0.43 0.51	22.94 -0.60 0.60	26.59 -1.19 0.00	30.23 -2.03 0.00	37.95 -2.47 0.00	42.42 -3.39 0.00	42.51 -3.00 0.00	37.12 -2.84 0.00	31.06 -2.39 0.20	30.25 -1.46 0.00	27.00 -0.81 0.00
OXBOW___BTM 323836	33.02 -0.71 0.00	28.60 -0.95 0.00	26.14 -1.15 0.00	27.13 -1.34 0.00	26.55 -1.34 0.00	28.08 -0.93 0.00	30.01 -1.68 0.00	24.98 -2.08 0.24	25.62 -1.56 0.18	21.75 -0.77 0.22	20.77 -0.70 0.38	21.69 -0.74 0.12	21.78 -0.72 0.03	22.57 -0.62 0.51	22.71 -0.82 0.60	26.62 -1.17 0.00	29.45 -2.81 0.00	37.14 -3.27 0.00	42.65 -3.16 0.00	42.09 -3.41 0.00	36.80 -3.16 0.00	30.93 -2.52 0.21	29.97 -1.74 0.00	26.75 -1.06 0.00
OXBOW___ 24026	33.02 -0.71 0.00	28.60 -0.95 0.00	26.14 -1.15 0.00	27.13 -1.34 0.00	26.55 -1.34 0.00	28.09 -0.93 0.00	30.01 -1.68 0.00	24.98 -2.07 0.24	25.65 -1.53 0.18	21.75 -0.77 0.22	20.77 -0.70 0.38	21.69 -0.74 0.12	21.78 -0.72 0.03	22.57 -0.62 0.51	22.74 -0.80 0.60	26.37 -1.42 0.00	29.94 -2.32 0.00	37.59 -2.83 0.00	41.96 -3.85 0.00	42.05 -3.46 0.00	36.76 -3.20 0.00	30.79 -2.66 0.21	29.97 -1.74 0.00	26.75 -1.06 0.00
OXY_CHEM_DSASP 323612	32.58 -1.15 0.00	28.22 -1.33 0.00	25.82 -1.47 0.00	26.79 -1.68 0.00	26.21 -1.67 0.00	27.71 -1.31 0.00	29.60 -2.09 0.00	24.68 -2.37 0.24	25.35 -1.83 0.19	21.52 -1.00 0.22	20.54 -0.92 0.38	21.47 -0.97 0.12	21.55 -0.95 0.03	22.33 -0.85 0.52	22.49 -1.04 0.61	26.06 -1.72 0.00	29.55 -2.71 0.00	37.06 -3.35 0.00	41.32 -4.49 0.00	41.46 -4.05 0.00	36.29 -3.68 0.00	30.39 -3.06 0.21	29.65 -2.06 0.00	26.44 -1.36 0.00
OZONE_PARK_ESR 323760	35.48 1.75 0.00	31.03 1.48 0.00	28.49 1.20 0.00	29.84 1.37 0.00	29.08 1.20 0.00	30.20 1.19 0.00	33.12 1.43 0.00	28.71 1.42 0.00	28.90 1.53 0.00	24.14 1.39 0.00	23.33 1.49 0.00	24.23 1.58 -0.09	24.23 1.60 -0.10	25.68 1.68 -0.29	25.97 1.69 -0.14	29.92 1.89 -0.24	35.20 2.29 -0.65	42.96 2.55 0.00	48.37 2.57 0.00	47.88 2.37 0.00	42.12 2.16 0.00	35.41 1.75 0.00	33.27 1.55 0.00	29.11 1.31 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.58 -1.15 0.00	28.22 -1.33 0.00	25.82 -1.47 0.00	26.79 -1.68 0.00	26.21 -1.67 0.00	27.71 -1.31 0.00	29.60 -2.09 0.00	24.68 -2.37 0.24	25.35 -1.83 0.19	21.52 -1.00 0.22	20.54 -0.92 0.38	21.47 -0.97 0.12	21.55 -0.95 0.03	22.33 -0.85 0.52	22.49 -1.04 0.61	26.06 -1.72 0.00	29.55 -2.71 0.00	37.06 -3.35 0.00	41.32 -4.49 0.00	41.46 -4.05 0.00	36.29 -3.68 0.00	30.39 -3.06 0.21	29.65 -2.06 0.00	26.44 -1.36 0.00
PACKARD__115KV_DUPONT_184 80571	32.58 -1.15 0.00	28.22 -1.33 0.00	25.82 -1.47 0.00	26.79 -1.68 0.00	26.21 -1.67 0.00	27.71 -1.31 0.00	29.60 -2.09 0.00	24.68 -2.37 0.24	25.35 -1.83 0.19	21.52 -1.00 0.22	20.54 -0.92 0.38	21.47 -0.97 0.12	21.55 -0.95 0.03	22.33 -0.85 0.52	22.49 -1.04 0.61	26.06 -1.72 0.00	29.55 -2.71 0.00	37.06 -3.35 0.00	41.32 -4.49 0.00	41.46 -4.05 0.00	36.29 -3.68 0.00	30.39 -3.06 0.21	29.65 -2.06 0.00	26.44 -1.36 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.45 1.72 -0.01	31.03 1.48 -0.01	28.47 1.17 -0.01	29.81 1.34 0.00	29.08 1.20 0.00	30.15 1.13 0.00	32.83 1.14 0.00	28.41 1.12 0.00	28.52 1.15 0.00	23.86 1.11 0.00	23.11 1.27 0.00	24.00 1.35 -0.09	24.00 1.37 -0.10	25.42 1.42 -0.29	25.68 1.40 -0.14	29.53 1.50 -0.25	34.75 1.84 -0.65	42.40 1.98 0.00	47.73 1.92 0.00	47.24 1.73 0.00	41.56 1.60 0.00	35.07 1.41 0.00	33.08 1.36 0.00	29.08 1.28 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.76 2.02 -0.01	31.33 1.77 -0.01	28.74 1.45 -0.01	30.09 1.62 0.00	29.36 1.48 0.00	30.44 1.42 0.00	33.15 1.46 0.00	28.66 1.36 0.00	28.76 1.40 0.00	24.04 1.30 0.00	23.29 1.44 0.00	24.18 1.53 -0.09	24.18 1.55 -0.10	25.58 1.59 -0.29	25.87 1.59 -0.14	29.72 1.69 -0.25	35.01 2.10 -0.65	42.72 2.30 0.00	48.05 2.24 0.00	47.56 2.05 0.00	41.88 1.92 0.00	35.31 1.65 0.00	33.33 1.62 0.00	29.33 1.53 0.00
PATROON__115KV_TB1 80586	33.76 0.03 0.00	29.64 0.09 0.00	27.43 0.14 0.00	28.58 0.11 0.00	28.02 0.14 0.00	29.10 0.09 0.00	31.79 0.10 0.00	27.40 0.11 0.00	27.39 0.03 0.00	22.73 -0.02 0.00	21.78 -0.07 0.00	22.47 -0.05 0.05	22.41 -0.07 0.05	23.48 -0.07 0.15	23.97 -0.10 0.07	27.60 -0.06 0.13	31.95 0.03 0.34	40.38 -0.04 0.00	45.81 0.00 0.00	45.46 -0.05 0.00	40.00 0.04 0.00	33.83 0.17 0.00	31.81 0.10 0.00	27.92 0.11 0.00
PATTRSNVILLE___SOLAR 323815	34.50 0.78 0.00	30.26 0.71 0.00	27.94 0.65 0.00	29.15 0.68 0.00	28.58 0.70 0.00	29.68 0.67 0.00	32.39 0.70 0.00	27.78 0.49 0.00	27.70 0.33 0.00	22.82 0.07 0.00	21.76 -0.09 0.00	22.39 -0.13 0.04	22.30 -0.18 0.04	23.41 -0.16 0.13	23.88 -0.19 0.06	27.62 -0.06 0.11	32.07 0.10 0.29	40.94 0.52 0.00	46.72 0.92 0.00	46.51 1.00 0.00	40.88 0.92 0.00	34.43 0.77 0.00	32.41 0.70 0.00	28.42 0.61 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.42 -0.30 0.00	28.96 -0.59 0.00	26.47 -0.82 0.00	27.45 -1.02 0.00	26.85 -1.03 0.00	28.41 -0.61 0.00	30.55 -1.14 0.00	25.38 -1.69 0.22	25.99 -1.20 0.17	22.00 -0.55 0.21	21.01 -0.48 0.35	21.93 -0.52 0.11	22.03 -0.47 0.03	22.87 -0.36 0.48	23.05 -0.53 0.56	26.78 -1.00 0.00	30.52 -1.74 0.00	38.40 -2.02 0.00	42.97 -2.84 0.00	42.96 -2.55 0.00	37.40 -2.56 0.00	31.28 -2.19 0.19	30.32 -1.40 0.00	26.94 -0.86 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.08 1.35 0.00	30.76 1.21 0.00	28.27 0.98 0.00	29.61 1.14 0.00	28.80 0.92 0.00	29.97 0.96 0.00	32.77 1.08 0.00	28.38 1.09 0.00	28.46 1.09 0.00	23.73 0.98 0.00	22.85 1.00 0.00	23.74 1.11 -0.08	23.77 1.15 -0.09	25.15 1.19 -0.27	25.47 1.21 -0.13	29.31 1.31 -0.22	34.47 1.61 -0.59	42.36 1.94 0.00	47.87 2.06 0.00	47.47 1.96 0.00	41.68 1.72 0.00	35.01 1.35 0.00	32.95 1.24 0.00	28.81 1.00 0.00
PEEKSKILL___ 23653	34.91 1.18 0.00	30.58 1.03 0.00	28.11 0.82 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.64 0.95 0.00	28.27 0.98 0.00	28.41 1.04 0.00	23.70 0.96 0.00	22.87 1.03 0.00	23.75 1.11 -0.08	23.74 1.13 -0.09	25.16 1.18 -0.27	25.47 1.21 -0.13	29.37 1.36 -0.23	34.51 1.64 -0.60	42.24 1.82 0.00	47.45 1.65 0.00	47.10 1.59 0.00	41.40 1.44 0.00	34.84 1.18 0.00	32.76 1.04 0.00	28.64 0.83 0.00
PGE MADISON___WINDPWR 24146	35.51 1.79 0.00	31.09 1.54 0.00	28.57 1.28 0.00	29.64 1.17 0.00	29.19 1.31 0.00	30.47 1.45 0.00	33.34 1.65 0.00	28.41 1.12 0.00	28.16 0.79 0.00	23.18 0.43 0.00	22.17 0.33 0.00	22.88 0.32 0.00	22.80 0.27 0.00	23.99 0.28 0.00	24.43 0.29 0.00	28.23 0.44 0.00	33.20 0.94 0.00	42.11 1.70 0.00	48.51 2.70 0.00	48.56 3.05 0.00	42.40 2.44 0.00	35.44 1.78 0.00	33.43 1.71 0.00	29.22 1.42 0.00

PIERCEFIELD___HYD 23852	34.33 0.61 0.00	38.47 0.53 -8.39	29.80 0.52 -1.99	29.01 0.54 0.00	28.50 0.61 0.00	29.71 0.70 0.00	40.41 0.79 -7.92	35.92 0.71 -7.92	28.05 0.68 0.00	26.56 0.50 -3.31	35.47 0.50 -13.12	29.72 0.47 -6.69	26.52 0.47 -3.52	29.03 0.45 -4.87	35.82 0.56 -11.13	36.32 0.61 -7.92	42.95 0.77 -9.91	41.43 1.01 0.00	60.15 1.42 -12.93	65.91 1.46 -18.95	57.89 1.28 -16.65	50.28 1.04 -15.58	32.54 0.82 0.00	33.44 0.75 -4.89
PINELAWN_CC_1 323563	35.65 1.92 0.00	30.94 1.39 0.00	28.22 0.93 0.00	29.47 1.00 0.00	28.66 0.78 0.00	29.80 0.78 0.00	33.15 1.46 0.00	28.55 1.26 0.00	28.60 1.23 0.00	24.02 1.27 0.00	23.22 1.38 0.00	24.20 1.56 -0.09	24.11 1.49 -0.10	25.75 1.75 -0.29	26.14 1.86 -0.14	34.61 2.19 -4.63	37.41 2.58 -2.57	42.80 2.38 0.00	47.91 2.11 0.00	46.92 1.41 0.00	41.36 1.40 0.00	35.51 1.85 0.00	33.17 1.46 0.00	28.97 1.17 0.00
PJM_GEN_HTTP_PROXY 323702	35.14 1.42 0.00	30.76 1.21 0.00	28.24 0.95 0.00	29.61 1.14 0.00	28.86 0.98 0.00	29.97 0.96 0.00	29.65 1.14 3.18	31.65 1.17 -3.18	28.65 1.29 0.00	23.93 1.18 0.00	23.11 1.27 0.00	24.00 1.35 -0.09	24.00 1.37 -0.10	25.44 1.45 -0.29	25.75 1.47 -0.14	29.67 1.64 -0.24	34.88 1.97 -0.65	42.64 2.22 0.00	47.73 1.92 0.00	47.38 1.87 0.00	41.72 1.76 0.00	35.07 1.41 0.00	32.98 1.27 0.00	28.86 1.06 0.00
PJM_GEN_KEystone 24065	33.86 0.14 0.00	29.52 -0.03 0.00	27.10 -0.19 0.00	26.90 -0.20 1.37	26.40 -0.31 1.18	27.71 -0.09 1.22	27.11 -0.25 4.33	28.71 -0.44 -1.86	26.12 -0.19 1.06	22.11 0.09 0.73	21.29 0.17 0.72	22.12 0.18 0.62	22.53 0.20 0.20	23.55 0.29 0.44	23.86 0.22 0.49	27.65 0.20 0.33	31.60 -0.32 0.33	38.83 -0.40 1.18	43.83 -0.46 1.52	43.47 -0.54 1.49	38.18 -0.64 1.14	32.21 -0.54 0.91	30.60 -0.32 0.79	26.55 -0.19 1.06
PJM_GEN_NEPTUNE_PROXY 323594	35.28 1.55 0.00	30.70 1.15 0.00	28.03 0.74 0.00	29.27 0.80 0.00	28.49 0.61 0.00	29.59 0.58 0.00	29.71 1.20 3.18	31.73 1.26 -3.18	28.63 1.26 0.00	24.00 1.25 0.00	23.22 1.38 0.00	24.18 1.53 -0.09	24.11 1.49 -0.10	25.70 1.71 -0.29	26.06 1.79 -0.14	33.67 1.94 -3.94	36.75 2.22 -2.27	42.40 1.98 0.00	47.45 1.65 0.00	46.51 1.00 0.00	41.04 1.08 0.00	35.18 1.52 0.00	32.89 1.17 0.00	28.75 0.95 0.00
PJM_GEN_VFT_PROXY 323633	35.01 1.28 0.00	30.67 1.12 0.00	28.16 0.87 0.00	10.00 1.11 19.58	11.86 0.84 16.86	12.46 0.84 17.40	13.16 1.01 19.55	14.23 1.06 14.13	14.64 1.18 13.90	14.87 1.07 8.95	15.24 1.18 7.78	15.35 1.26 8.47	20.65 1.28 3.16	20.58 1.35 4.47	21.75 1.38 3.76	23.21 1.53 6.10	25.54 1.87 8.59	25.54 2.02 16.90	25.79 1.70 21.71	25.79 1.64 21.35	25.23 1.60 16.33	23.31 1.28 11.63	21.54 1.14 11.31	13.62 0.95 15.13
PLATSBURG_115KV_PMLD1 355749	35.24 1.52 0.00	31.58 1.39 -0.64	28.75 1.31 -0.15	29.87 1.40 0.00	29.28 1.39 0.00	30.55 1.54 0.00	34.00 1.71 -0.60	29.45 1.56 -0.60	29.06 1.70 0.00	24.43 1.43 -0.25	24.24 1.40 -1.00	24.49 1.42 -0.51	24.21 1.42 -0.27	25.52 1.45 -0.37	26.53 1.54 -0.85	30.16 1.78 -0.60	35.08 2.06 -0.75	42.96 2.55 0.00	50.22 3.44 -0.98	50.32 3.37 -1.44	44.06 2.84 -1.26	37.10 2.26 -1.18	33.62 1.90 0.00	29.84 1.67 -0.37
PLEASANTVLY___LBMP 24000	34.67 0.94 0.00	30.41 0.86 0.00	28.00 0.71 0.00	29.27 0.80 0.00	28.55 0.67 0.00	29.65 0.64 0.00	32.48 0.79 0.00	28.14 0.85 0.00	28.21 0.85 0.00	23.52 0.77 0.00	22.67 0.83 0.00	23.48 0.88 -0.04	23.47 0.90 -0.04	24.78 0.95 -0.13	25.17 0.97 -0.06	28.98 1.08 -0.11	33.84 1.29 -0.29	41.83 1.41 0.00	47.18 1.37 0.00	46.78 1.27 0.00	41.12 1.16 0.00	34.64 0.98 0.00	32.57 0.86 0.00	28.50 0.70 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.97 1.25 0.00	30.64 1.09 0.00	28.16 0.87 0.00	29.47 1.00 0.00	28.75 0.86 0.00	29.86 0.84 0.00	32.71 1.01 0.00	28.33 1.04 0.00	28.46 1.09 0.00	23.75 1.00 0.00	22.94 1.09 0.00	23.83 1.17 -0.10	23.83 1.19 -0.11	25.28 1.26 -0.32	25.57 1.28 -0.16	29.44 1.39 -0.27	34.66 1.68 -0.72	42.23 1.82 0.00	47.64 1.83 0.00	47.19 1.68 0.00	41.48 1.52 0.00	34.94 1.28 0.00	32.82 1.11 0.00	28.72 0.92 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.97 1.25 0.00	30.64 1.09 0.00	28.16 0.87 0.00	29.47 1.00 0.00	28.75 0.86 0.00	29.86 0.84 0.00	32.71 1.01 0.00	28.33 1.04 0.00	28.46 1.09 0.00	23.75 1.00 0.00	22.94 1.09 0.00	23.83 1.17 -0.10	23.83 1.19 -0.11	25.28 1.26 -0.32	25.57 1.28 -0.16	29.44 1.39 -0.27	34.66 1.68 -0.72	42.23 1.82 0.00	47.64 1.83 0.00	47.19 1.68 0.00	41.48 1.52 0.00	34.94 1.28 0.00	32.82 1.11 0.00	28.72 0.92 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.87 1.15 0.00	30.58 1.03 0.00	28.16 0.87 0.00	29.47 1.00 0.00	28.72 0.84 0.00	29.86 0.84 0.00	32.64 0.95 0.00	28.22 0.93 0.00	28.32 0.96 0.00	23.57 0.82 0.00	22.67 0.83 0.00	23.44 0.88 0.00	23.43 0.90 0.00	24.65 0.95 0.00	25.10 0.97 0.00	28.90 1.11 0.00	33.65 1.39 0.00	42.07 1.66 0.00	47.55 1.74 0.00	47.19 1.68 0.00	41.44 1.48 0.00	34.80 1.14 0.00	32.76 1.05 0.00	28.69 0.89 0.00
POLETTI____ 23519	26.52 1.38 8.59	24.83 1.18 5.90	24.83 0.93 3.39	24.82 1.05 4.70	24.71 0.95 4.12	24.83 0.87 5.05	24.83 0.86 7.72	24.83 0.87 3.34	24.84 0.93 3.46	23.79 1.05 0.00	23.07 1.22 0.00	23.96 1.31 -0.09	23.96 1.33 -0.10	25.32 1.33 -0.29	25.61 1.33 -0.14	26.27 1.28 2.79	26.24 1.58 7.61	26.19 1.66 15.88	28.10 1.56 19.26	27.72 1.37 19.16	26.27 1.28 14.97	26.26 1.11 8.51	26.26 1.11 6.56	26.23 1.06 2.64
POMONA___ESR 323819	34.84 1.11 0.00	30.55 1.01 0.00	28.11 0.82 0.00	29.44 0.97 0.00	28.69 0.81 0.00	29.86 0.84 0.00	32.68 0.98 0.00	28.27 0.98 0.00	28.41 1.04 0.00	23.70 0.96 0.00	22.87 1.03 0.00	23.74 1.11 -0.08	23.72 1.10 -0.09	25.15 1.18 -0.27	25.47 1.21 -0.13	29.37 1.36 -0.22	34.50 1.64 -0.59	42.28 1.86 0.00	47.50 1.70 0.00	47.19 1.68 0.00	41.44 1.48 0.00	34.87 1.21 0.00	32.79 1.08 0.00	28.67 0.86 0.00
PORT_JEFF_3 23555	35.51 1.79 0.00	30.79 1.24 0.00	28.05 0.76 0.00	29.27 0.80 0.00	28.47 0.59 0.00	29.56 0.55 0.00	32.93 1.23 0.00	28.30 1.01 0.00	28.32 0.96 0.00	23.79 1.05 0.00	23.02 1.18 0.00	24.00 1.35 -0.09	23.91 1.28 -0.10	25.56 1.56 -0.29	25.97 1.69 -0.14	34.14 2.14 -4.22	37.23 2.58 -2.39	42.72 2.30 0.00	47.82 2.01 0.00	46.78 1.27 0.00	41.20 1.24 0.00	35.48 1.82 0.00	33.08 1.36 0.00	28.86 1.06 0.00
PORT_JEFF_4 23616	35.51 1.79 0.00	30.79 1.24 0.00	28.05 0.76 0.00	29.27 0.80 0.00	28.47 0.59 0.00	29.56 0.55 0.00	32.93 1.23 0.00	28.30 1.01 0.00	28.32 0.96 0.00	23.79 1.05 0.00	23.02 1.18 0.00	24.00 1.35 -0.09	23.91 1.28 -0.10	25.56 1.56 -0.29	25.97 1.69 -0.14	34.14 2.14 -4.22	37.23 2.58 -2.39	42.72 2.30 0.00	47.82 2.01 0.00	46.78 1.27 0.00	41.20 1.24 0.00	35.48 1.82 0.00	33.08 1.36 0.00	28.86 1.06 0.00

PORT_JEFF_IC 23713	35.58 1.85 0.00	30.85 1.30 0.00	28.08 0.79 0.00	29.30 0.83 0.00	28.52 0.64 0.00	29.62 0.61 0.00	32.99 1.30 0.00	28.33 1.04 0.00	28.35 0.99 0.00	23.84 1.09 0.00	23.04 1.20 0.00	24.05 1.40 -0.09	23.96 1.33 -0.10	25.61 1.61 -0.29	25.97 1.69 -0.14	34.18 2.17 -4.23	37.30 2.65 -2.40	42.72 2.30 0.00	48.10 2.29 0.00	46.92 1.41 0.00	41.32 1.36 0.00	35.61 1.95 0.00	33.11 1.40 0.00	28.89 1.08 0.00
PPL PILGRIM_ST_GT1 24216	35.78 2.06 0.00	31.06 1.51 0.00	28.30 1.01 0.00	29.52 1.05 0.00	28.75 0.87 0.00	29.86 0.84 0.00	33.24 1.55 0.00	28.58 1.28 0.00	28.60 1.23 0.00	24.02 1.27 0.00	23.24 1.40 0.00	24.23 1.58 -0.09	24.14 1.51 -0.10	25.80 1.80 -0.29	26.19 1.91 -0.14	34.40 2.33 -4.29	37.48 2.81 -2.42	42.96 2.55 0.00	48.10 2.29 0.00	47.10 1.59 0.00	41.48 1.52 0.00	35.71 2.05 0.00	33.30 1.58 0.00	29.08 1.28 0.00
PPL PILGRIM_ST_GT2 24217	35.78 2.06 0.00	31.06 1.51 0.00	28.30 1.01 0.00	29.52 1.05 0.00	28.75 0.87 0.00	29.86 0.84 0.00	33.24 1.55 0.00	28.58 1.28 0.00	28.60 1.23 0.00	24.02 1.27 0.00	23.24 1.40 0.00	24.23 1.58 -0.09	24.14 1.51 -0.10	25.80 1.80 -0.29	26.19 1.91 -0.14	34.40 2.33 -4.29	37.48 2.81 -2.42	42.96 2.55 0.00	48.10 2.29 0.00	47.10 1.59 0.00	41.48 1.52 0.00	35.71 2.05 0.00	33.30 1.58 0.00	29.08 1.28 0.00
PPL_SHRM_GT3 24213	35.11 1.38 0.00	30.44 0.89 0.00	27.67 0.38 0.00	28.87 0.40 0.00	28.10 0.22 0.00	29.19 0.18 0.00	32.51 0.82 0.00	26.93 0.65 1.02	26.02 0.55 1.89	22.73 0.71 0.72	21.42 0.83 1.26	23.66 1.02 -0.09	23.57 0.95 -0.10	25.23 1.23 -0.29	25.63 1.35 -0.14	33.81 1.80 -4.23	36.94 2.29 -2.39	42.36 1.94 0.00	47.41 1.60 0.00	46.37 0.86 0.00	40.76 0.80 0.00	35.14 1.48 0.00	32.70 0.98 0.00	28.56 0.75 0.00
PPL_SHRM_GT4 24214	35.11 1.38 0.00	30.44 0.89 0.00	27.67 0.38 0.00	28.87 0.40 0.00	28.10 0.22 0.00	29.19 0.18 0.00	32.51 0.82 0.00	26.93 0.65 1.02	26.02 0.55 1.89	22.73 0.71 0.72	21.42 0.83 1.26	23.66 1.02 -0.09	23.57 0.95 -0.10	25.23 1.23 -0.29	25.63 1.35 -0.14	33.81 1.80 -4.23	36.94 2.29 -2.39	42.36 1.94 0.00	47.41 1.60 0.00	46.37 0.86 0.00	40.76 0.80 0.00	35.14 1.48 0.00	32.70 0.98 0.00	28.56 0.75 0.00
PROJECT___ORANGE 1 24174	33.49 -0.24 0.00	29.55 -0.24 -0.24	27.05 -0.30 -0.06	28.10 -0.37 0.00	27.55 -0.33 0.00	28.72 -0.29 0.00	31.54 -0.38 -0.23	27.00 -0.41 -0.12	26.90 -0.38 0.08	22.42 -0.32 0.01	21.72 -0.33 -0.21	22.34 -0.36 -0.14	22.28 -0.34 -0.09	23.26 -0.36 0.09	23.82 -0.36 -0.05	27.60 -0.42 -0.23	32.00 -0.55 -0.29	39.77 -0.65 0.00	45.49 -0.69 -0.37	45.37 -0.68 -0.55	39.80 -0.64 -0.48	33.48 -0.54 -0.36	31.36 -0.35 0.00	27.61 -0.33 -0.14
PROJECT___ORANGE 2 24166	33.49 -0.24 0.00	29.55 -0.24 -0.24	27.05 -0.30 -0.06	28.10 -0.37 0.00	27.55 -0.33 0.00	28.72 -0.29 0.00	31.54 -0.38 -0.23	27.00 -0.41 -0.12	26.90 -0.38 0.08	22.42 -0.32 0.01	21.72 -0.33 -0.21	22.34 -0.36 -0.14	22.28 -0.34 -0.09	23.26 -0.36 0.09	23.82 -0.36 -0.05	27.60 -0.42 -0.23	32.00 -0.55 -0.29	39.77 -0.65 0.00	45.49 -0.69 -0.37	45.37 -0.68 -0.55	39.80 -0.64 -0.48	33.48 -0.54 -0.36	31.36 -0.35 0.00	27.61 -0.33 -0.14
PUCKETT___SOLAR 323809	34.33 0.61 0.00	30.02 0.47 0.00	27.64 0.35 0.00	28.76 0.28 0.00	28.19 0.31 0.00	29.42 0.41 0.00	32.07 0.38 0.00	27.43 0.14 0.00	27.45 0.08 0.00	22.73 -0.02 0.00	21.78 -0.07 0.00	22.45 -0.11 0.00	22.42 -0.11 0.00	23.61 -0.09 0.00	24.02 -0.12 0.00	27.70 -0.08 0.00	32.13 -0.13 0.00	40.58 0.16 0.00	46.40 0.59 0.00	46.10 0.59 0.00	40.36 0.40 0.00	33.93 0.27 0.00	32.06 0.35 0.00	28.11 0.31 0.00
PYRITES___HYD 24023	34.67 0.94 0.00	39.27 0.83 -8.89	30.16 0.76 -2.11	29.27 0.80 0.00	28.75 0.86 0.00	29.97 0.96 0.00	41.20 1.11 -8.39	36.64 0.96 -8.39	28.21 0.85 0.00	26.85 0.59 -3.51	36.34 0.59 -13.90	30.21 0.56 -7.09	26.80 0.54 -3.73	29.39 0.52 -5.16	36.56 0.63 -11.79	36.90 0.72 -8.39	43.73 0.97 -10.51	41.75 1.33 0.00	61.43 1.92 -13.70	67.63 2.05 -20.08	59.36 1.76 -17.64	51.58 1.41 -16.51	32.85 1.14 0.00	34.01 1.03 -5.18
QUAKERRD_115KV_BK1 80622	32.92 -0.81 0.00	28.66 -0.89 0.00	26.31 -0.98 0.00	27.36 -1.11 0.00	26.85 -1.03 0.00	28.12 -0.90 0.00	30.55 -1.14 0.00	25.86 -1.15 0.28	26.11 -1.04 0.22	21.76 -0.73 0.26	20.68 -0.72 0.45	21.67 -0.74 0.15	21.75 -0.74 0.04	22.36 -0.73 0.60	22.63 -0.80 0.71	26.73 -1.06 0.00	30.78 -1.48 0.00	38.76 -1.66 0.00	43.93 -1.88 0.00	43.73 -1.77 0.00	38.32 -1.64 0.00	31.93 -1.48 0.24	30.63 -1.08 0.00	26.83 -0.97 0.00
QUENSBRY_115KV_TB8 356137	34.40 0.67 0.00	30.23 0.68 0.00	27.94 0.65 0.00	29.15 0.68 0.00	28.64 0.75 0.00	29.74 0.73 0.00	32.39 0.70 0.00	27.76 0.46 0.00	28.32 0.96 0.00	23.29 0.55 0.00	22.00 0.15 0.00	22.60 0.09 0.05	22.47 0.00 0.06	23.49 -0.05 0.17	23.93 -0.12 0.08	27.78 0.14 0.14	31.56 -0.32 0.38	40.78 0.36 0.00	46.68 0.87 0.00	46.56 1.05 0.00	40.92 0.96 0.00	34.47 0.81 0.00	32.44 0.73 0.00	28.44 0.64 0.00
RAMAPO___LBMP 323565	34.70 0.98 0.00	30.44 0.89 0.00	28.00 0.71 0.00	29.35 0.88 0.00	28.61 0.72 0.00	29.74 0.73 0.00	32.58 0.89 0.00	28.19 0.90 0.00	28.32 0.96 0.00	23.64 0.89 0.00	22.80 0.96 0.00	23.65 1.02 -0.08	23.65 1.04 -0.09	25.06 1.09 -0.27	25.38 1.11 -0.13	29.26 1.25 -0.22	34.37 1.52 -0.59	42.07 1.66 0.00	47.46 1.65 0.00	47.01 1.50 0.00	41.32 1.36 0.00	34.77 1.11 0.00	32.66 0.95 0.00	28.58 0.78 0.00
RANKINE____ 23646	33.52 -0.20 0.00	29.02 -0.53 0.00	26.55 -0.74 0.00	27.53 -0.94 0.00	26.94 -0.95 0.00	28.49 -0.52 0.00	30.58 -1.11 0.00	25.46 -1.61 0.23	26.07 -1.12 0.17	22.08 -0.45 0.21	21.09 -0.39 0.36	22.01 -0.43 0.12	22.09 -0.41 0.03	22.93 -0.28 0.48	23.11 -0.46 0.57	26.81 -0.97 0.00	30.52 -1.74 0.00	38.35 -2.06 0.00	42.92 -2.89 0.00	42.91 -2.59 0.00	37.44 -2.52 0.00	31.34 -2.12 0.19	30.41 -1.30 0.00	27.05 -0.75 0.00
RAVENSWOOD_GT2_1 24244	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.86 0.98 0.00	30.00 0.99 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.44 1.45 -0.29	25.75 1.47 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.11 1.45 0.00	32.98 1.27 0.00	28.89 1.08 0.00
RAVENSWOOD_GT2_2 24245	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.86 0.98 0.00	30.00 0.99 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.44 1.45 -0.29	25.75 1.47 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.11 1.45 0.00	32.98 1.27 0.00	28.89 1.08 0.00

RAVENSWOOD_GT2_3 24246	35.21 1.48 0.00	30.82 1.27 0.00	28.30 1.01 0.00	29.64 1.17 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.47 1.47 -0.29	25.75 1.47 -0.14	29.67 1.64 -0.25	34.91 2.00 -0.65	42.60 2.18 0.00	47.96 2.15 0.00	47.47 1.96 0.00	41.76 1.80 0.00	35.14 1.48 0.00	33.01 1.30 0.00	28.89 1.08 0.00
RAVENSWOOD_GT2_4 24247	35.21 1.48 0.00	30.82 1.27 0.00	28.30 1.01 0.00	29.64 1.17 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.47 1.47 -0.29	25.75 1.47 -0.14	29.67 1.64 -0.25	34.91 2.00 -0.65	42.60 2.18 0.00	47.96 2.15 0.00	47.47 1.96 0.00	41.76 1.80 0.00	35.14 1.48 0.00	33.01 1.30 0.00	28.89 1.08 0.00
RAVENSWOOD_GT3_1 24248	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.47 1.47 -0.29	25.75 1.47 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.01 1.30 0.00	28.89 1.08 0.00
RAVENSWOOD_GT3_2 24249	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.47 1.47 -0.29	25.75 1.47 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.01 1.30 0.00	28.89 1.08 0.00
RAVENSWOOD_GT3_3 24250	35.24 1.52 0.00	30.85 1.30 0.00	28.33 1.04 0.00	29.67 1.20 0.00	28.92 1.03 0.00	30.03 1.02 0.00	32.90 1.20 0.00	28.52 1.23 0.00	28.68 1.31 0.00	23.95 1.21 0.00	23.15 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.64 2.22 0.00	48.01 2.20 0.00	47.51 2.00 0.00	41.80 1.84 0.00	35.17 1.51 0.00	33.04 1.33 0.00	28.92 1.11 0.00
RAVENSWOOD_GT3_4 24251	35.24 1.52 0.00	30.85 1.30 0.00	28.33 1.04 0.00	29.67 1.20 0.00	28.92 1.03 0.00	30.03 1.02 0.00	32.90 1.20 0.00	28.52 1.23 0.00	28.68 1.31 0.00	23.95 1.21 0.00	23.15 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.14	29.70 1.67 -0.25	34.95 2.03 -0.65	42.64 2.22 0.00	48.01 2.20 0.00	47.51 2.00 0.00	41.80 1.84 0.00	35.17 1.51 0.00	33.04 1.33 0.00	28.92 1.11 0.00
RAVENSWOOD_GT_1 23729	35.31 1.59 0.00	30.91 1.36 0.00	28.38 1.09 0.00	29.69 1.22 0.00	28.97 1.09 0.00	30.09 1.07 0.00	32.90 1.20 0.00	28.52 1.23 0.00	28.68 1.31 0.00	24.00 1.25 0.00	23.20 1.35 0.00	24.09 1.44 -0.09	24.09 1.46 -0.10	25.54 1.54 -0.29	25.82 1.54 -0.14	29.67 1.64 -0.25	34.95 2.03 -0.65	42.64 2.22 0.00	48.01 2.20 0.00	47.51 2.00 0.00	41.80 1.84 0.00	35.17 1.51 0.00	33.08 1.36 0.00	29.00 1.20 0.00
RAVENSWOOD_GT_10 24258	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.86 0.98 0.00	30.00 0.99 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.47 1.47 -0.29	25.75 1.47 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	32.98 1.27 0.00	28.86 1.06 0.00
RAVENSWOOD_GT_11 24259	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.86 0.98 0.00	30.00 0.99 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.47 1.47 -0.29	25.75 1.47 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	32.98 1.27 0.00	28.86 1.06 0.00
RAVENSWOOD_GT_4 24252	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.86 0.98 0.00	29.97 0.96 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.11 1.27 0.00	24.02 1.38 -0.09	24.00 1.37 -0.10	25.44 1.45 -0.29	25.75 1.47 -0.14	29.67 1.64 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.14 1.48 0.00	32.98 1.27 0.00	28.86 1.06 0.00
RAVENSWOOD_GT_5 24254	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.86 0.98 0.00	29.97 0.96 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.11 1.27 0.00	24.02 1.38 -0.09	24.00 1.37 -0.10	25.44 1.45 -0.29	25.75 1.47 -0.14	29.67 1.64 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.14 1.48 0.00	32.98 1.27 0.00	28.86 1.06 0.00
RAVENSWOOD_GT_6 24253	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.86 0.98 0.00	29.97 0.96 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.11 1.27 0.00	24.02 1.38 -0.09	24.00 1.37 -0.10	25.44 1.45 -0.29	25.75 1.47 -0.14	29.67 1.64 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.14 1.48 0.00	32.98 1.27 0.00	28.86 1.06 0.00
RAVENSWOOD_GT_7 24255	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.86 0.98 0.00	29.97 0.96 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.11 1.27 0.00	24.02 1.38 -0.09	24.00 1.37 -0.10	25.44 1.45 -0.29	25.75 1.47 -0.14	29.67 1.64 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.14 1.48 0.00	32.98 1.27 0.00	28.86 1.06 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.86 0.98 0.00	30.00 0.99 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.47 1.47 -0.29	25.75 1.47 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	32.98 1.27 0.00	28.86 1.06 0.00
RAVENSWOOD_GT_9 24257	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.86 0.98 0.00	30.00 0.99 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.47 1.47 -0.29	25.75 1.47 -0.14	29.64 1.61 -0.25	34.88 1.97 -0.65	42.56 2.14 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	32.98 1.27 0.00	28.86 1.06 0.00

RAVENSWOOD___1 23533	35.31 1.59 0.00	30.88 1.33 0.00	28.35 1.06 0.00	29.69 1.22 0.00	29.00 1.12 0.00	30.06 1.04 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.98 1.23 0.00	23.20 1.35 0.00	24.09 1.45 -0.09	24.09 1.46 -0.10	25.51 1.52 -0.29	25.80 1.52 -0.14	29.67 1.64 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.77 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.04 1.33 0.00	28.97 1.17 0.00
RAVENSWOOD___2 23534	35.28 1.55 0.00	30.88 1.33 0.00	28.33 1.04 0.00	29.67 1.20 0.00	29.00 1.12 0.00	30.06 1.04 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.98 1.23 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.51 1.52 -0.29	25.80 1.52 -0.14	29.67 1.64 -0.25	34.95 2.03 -0.65	42.68 2.26 0.00	47.77 1.97 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.04 1.33 0.00	28.97 1.17 0.00
RAVENSWOOD___3 23535	35.18 1.45 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.64 1.17 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.93 1.18 0.00	23.13 1.29 0.00	24.02 1.38 -0.09	24.02 1.40 -0.10	25.47 1.47 -0.29	25.75 1.47 -0.14	29.67 1.64 -0.25	34.91 2.00 -0.65	42.64 2.22 0.00	47.77 1.97 0.00	47.42 1.91 0.00	41.72 1.76 0.00	35.11 1.45 0.00	33.01 1.30 0.00	28.89 1.08 0.00
RAVENSWOOD___4 23820	35.28 1.55 0.00	30.88 1.33 0.00	28.33 1.04 0.00	29.67 1.20 0.00	28.97 1.09 0.00	30.06 1.04 0.00	32.87 1.17 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.95 1.20 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.80 1.52 -0.14	29.67 1.64 -0.25	34.91 2.00 -0.65	42.64 2.22 0.00	47.73 1.92 0.00	47.38 1.87 0.00	41.72 1.76 0.00	35.11 1.45 0.00	33.01 1.30 0.00	28.97 1.17 0.00
RCPL_TRUST___DRP 24196	35.21 1.48 0.00	30.82 1.27 0.00	28.30 1.01 0.00	29.64 1.17 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.90 1.20 0.00	28.52 1.23 0.00	28.68 1.31 0.00	23.98 1.23 0.00	23.15 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.14	29.70 1.67 -0.24	34.94 2.03 -0.65	42.64 2.22 0.00	48.01 2.20 0.00	47.51 2.00 0.00	41.80 1.84 0.00	35.14 1.48 0.00	33.01 1.30 0.00	28.89 1.08 0.00
RED___ROCHESTER 323720	33.90 0.17 0.00	29.43 -0.12 0.00	26.99 -0.30 0.00	28.07 -0.40 0.00	27.52 -0.36 0.00	28.87 -0.14 0.00	31.34 -0.35 0.00	26.49 -0.52 0.28	26.80 -0.36 0.21	22.38 -0.11 0.26	21.27 -0.13 0.44	22.28 -0.13 0.14	22.34 -0.16 0.04	23.04 -0.07 0.60	23.27 -0.17 0.70	27.56 -0.22 0.00	31.29 -0.97 0.00	39.53 -0.89 0.00	45.39 -0.41 0.00	44.96 -0.54 0.00	39.32 -0.64 0.00	32.81 -0.60 0.24	31.46 -0.25 0.00	27.55 -0.25 0.00
REGAN___SOLAR 323812	35.31 1.59 0.00	30.94 1.39 0.00	28.60 1.31 0.00	29.84 1.37 0.00	29.28 1.39 0.00	30.46 1.45 0.00	33.15 1.46 0.00	28.19 0.90 0.00	27.72 0.35 0.00	22.50 -0.25 0.00	21.23 -0.61 0.00	21.71 -0.81 0.03	21.56 -0.92 0.04	22.66 -0.92 0.12	23.14 -0.94 0.06	27.02 -0.67 0.10	31.81 -0.19 0.26	41.35 0.93 0.00	47.87 2.06 0.00	47.74 2.23 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.08 1.28 0.00
RENSSELAER___COGEN 23796	33.63 -0.10 0.00	29.52 -0.03 0.00	27.32 0.03 0.00	28.50 0.03 0.00	27.91 0.03 0.00	28.99 -0.03 0.00	31.66 -0.03 0.00	27.32 0.03 0.00	27.34 -0.03 0.00	22.68 -0.07 0.00	21.76 -0.09 0.00	22.45 -0.07 0.04	22.39 -0.09 0.05	23.46 -0.09 0.15	23.97 -0.10 0.07	27.58 -0.08 0.12	31.93 0.00 0.33	40.30 -0.12 0.00	45.53 -0.27 0.00	45.28 -0.23 0.00	39.84 -0.12 0.00	33.69 0.03 0.00	31.68 -0.03 0.00	27.81 0.00 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.58 1.85 0.00	31.26 1.71 0.00	28.93 1.64 0.00	30.15 1.68 0.00	29.70 1.81 0.00	30.87 1.86 0.00	33.50 1.81 0.00	28.49 1.20 0.00	28.93 1.56 0.00	23.66 0.91 0.00	22.28 0.44 0.00	22.80 0.29 0.05	22.63 0.16 0.06	23.67 0.14 0.17	24.05 0.00 0.08	28.11 0.47 0.14	32.17 0.29 0.38	41.99 1.58 0.00	48.42 2.61 0.00	48.28 2.78 0.00	42.48 2.52 0.00	35.71 2.05 0.00	33.55 1.84 0.00	29.45 1.64 0.00
REVERE_CPPR_DRP 24186	34.37 0.64 0.00	30.81 0.53 -0.72	27.90 0.44 -0.17	28.84 0.37 0.00	28.39 0.50 0.00	29.57 0.55 0.00	33.04 0.67 -0.68	28.44 0.46 -0.68	27.64 0.27 0.00	23.15 0.11 -0.29	23.06 0.09 -1.13	23.21 0.07 -0.58	22.88 0.05 -0.30	24.17 0.05 -0.42	25.17 0.07 -0.96	28.55 0.08 -0.68	33.41 0.29 -0.86	40.98 0.57 0.00	47.88 0.96 -1.12	48.19 1.05 -1.64	42.32 0.92 -1.44	35.74 0.74 -1.35	32.41 0.70 0.00	28.81 0.58 -0.42
REYNLDPA_13_KV_LD 356490	34.06 0.34 0.00	28.56 0.30 1.28	27.29 0.30 0.30	28.81 0.34 0.00	28.25 0.36 0.00	29.42 0.41 0.00	30.93 0.44 1.21	26.49 0.41 1.21	27.80 0.44 0.00	22.61 0.36 0.51	20.21 0.37 2.00	21.90 0.36 1.02	22.35 0.36 0.54	23.32 0.36 0.74	22.85 0.41 1.70	26.99 0.42 1.21	31.30 0.55 1.51	41.06 0.64 0.00	44.75 0.92 1.97	43.53 0.91 2.89	38.22 0.80 2.54	31.92 0.64 2.38	32.22 0.51 0.00	27.53 0.47 0.75
REYNOLDS_115KV_TB3 80639	33.83 0.10 0.00	29.73 0.18 0.00	27.48 0.19 0.00	28.67 0.20 0.00	28.05 0.17 0.00	29.13 0.12 0.00	31.85 0.16 0.00	27.51 0.22 0.00	27.50 0.14 0.00	22.82 0.07 0.00	21.89 0.04 0.00	22.55 0.05 0.05	22.51 0.05 0.06	23.58 0.05 0.18	24.08 0.02 0.08	27.69 0.06 0.15	32.00 0.13 0.39	40.54 0.12 0.00	45.90 0.09 0.00	45.60 0.09 0.00	40.08 0.12 0.00	33.89 0.24 0.00	31.87 0.16 0.00	27.97 0.17 0.00
RIVERBAY____ 323610	35.76 2.02 -0.01	31.33 1.77 -0.01	28.74 1.45 -0.01	30.09 1.62 0.00	29.36 1.48 0.00	30.44 1.42 0.00	33.15 1.46 0.00	28.66 1.36 0.00	28.76 1.40 0.00	24.04 1.30 0.00	23.29 1.44 0.00	24.18 1.53 -0.09	24.18 1.55 -0.10	25.58 1.59 -0.29	25.87 1.59 -0.14	29.72 1.69 -0.25	35.01 2.10 -0.65	42.72 2.30 0.00	48.05 2.24 0.00	47.56 2.05 0.00	41.88 1.92 0.00	35.31 1.65 0.00	33.33 1.62 0.00	29.33 1.53 0.00
RIVERSDE_115KV_TB3 55908	33.73 0.00 0.00	29.64 0.09 0.00	27.40 0.11 0.00	28.58 0.11 0.00	28.00 0.11 0.00	29.07 0.06 0.00	31.79 0.10 0.00	27.43 0.14 0.00	27.42 0.05 0.00	22.75 0.00 0.00	21.82 -0.02 0.00	22.49 -0.02 0.05	22.45 -0.02 0.05	23.49 -0.05 0.16	24.01 -0.05 0.08	27.62 -0.03 0.14	31.93 0.03 0.36	40.38 -0.04 0.00	45.76 -0.05 0.00	45.46 -0.05 0.00	39.96 0.00 0.00	33.79 0.13 0.00	31.78 0.06 0.00	27.89 0.08 0.00
ROARING___BROOK_WT_PWR 323790	33.49 -0.23 0.00	29.16 -0.18 0.21	27.10 -0.14 0.05	28.36 -0.11 0.00	27.80 -0.08 0.00	28.93 -0.09 0.00	31.43 -0.06 0.20	27.09 0.00 0.20	27.39 0.03 0.00	22.69 0.02 0.08	21.55 0.04 0.34	22.43 0.05 0.17	22.48 0.05 0.09	23.60 0.02 0.12	23.90 0.05 0.28	27.61 0.03 0.20	32.07 0.06 0.25	40.50 0.08 0.00	45.52 0.05 0.33	45.02 0.00 0.48	39.50 -0.04 0.43	33.26 0.00 0.40	31.65 -0.06 0.00	27.60 -0.08 0.13

ROCHESRG_115KV_T4 355643	33.56 -0.17 0.00	29.17 -0.38 0.00	26.77 -0.52 0.00	27.84 -0.63 0.00	27.30 -0.59 0.00	28.61 -0.41 0.00	31.03 -0.67 0.00	26.22 -0.79 0.29	26.55 -0.60 0.22	22.19 -0.30 0.26	21.07 -0.33 0.45	22.08 -0.34 0.15	22.15 -0.34 0.04	22.81 -0.28 0.61	23.09 -0.34 0.71	27.20 -0.58 0.00	31.23 -1.03 0.00	39.37 -1.05 0.00	44.52 -1.28 0.00	44.42 -1.09 0.00	38.88 -1.08 0.00	32.40 -1.01 0.24	31.14 -0.57 0.00	27.33 -0.47 0.00
ROCHESTER_9_IC 23652	33.73 0.00 0.00	29.31 -0.24 0.00	26.88 -0.41 0.00	27.96 -0.51 0.00	27.41 -0.47 0.00	28.75 -0.26 0.00	31.22 -0.48 0.00	26.39 -0.63 0.28	26.69 -0.47 0.21	22.28 -0.20 0.26	21.19 -0.22 0.44	22.19 -0.23 0.14	22.24 -0.25 0.04	22.94 -0.17 0.60	23.22 -0.22 0.70	27.31 -0.47 0.00	31.39 -0.87 0.00	39.57 -0.85 0.00	44.80 -1.01 0.00	44.69 -0.82 0.00	39.12 -0.84 0.00	32.58 -0.84 0.24	31.33 -0.38 0.00	27.47 -0.33 0.00
ROCKVIEW_13_KV_LD 356306	35.14 1.42 0.00	30.79 1.24 0.00	28.27 0.98 0.00	29.58 1.11 0.00	28.83 0.95 0.00	29.97 0.96 0.00	32.86 1.17 0.00	28.47 1.17 0.00	28.60 1.23 0.00	23.89 1.14 0.00	23.09 1.25 0.00	24.00 1.35 -0.09	23.98 1.35 -0.10	25.44 1.45 -0.29	25.73 1.45 -0.14	29.64 1.61 -0.25	34.82 1.90 -0.65	42.48 2.06 0.00	47.91 2.11 0.00	47.47 1.96 0.00	41.72 1.76 0.00	35.11 1.45 0.00	32.98 1.27 0.00	28.83 1.03 0.00
ROME____115KV_TB2 80656	34.37 0.64 0.00	30.81 0.53 -0.72	27.90 0.44 -0.17	28.84 0.37 0.00	28.39 0.50 0.00	29.57 0.55 0.00	33.04 0.67 -0.68	28.44 0.46 -0.68	27.64 0.27 0.00	23.15 0.11 -0.29	23.06 0.09 -1.13	23.21 0.07 -0.58	22.88 0.05 -0.30	24.17 0.05 -0.42	25.17 0.07 -0.96	28.55 0.08 -0.68	33.41 0.29 -0.86	40.98 0.57 0.00	47.88 0.96 -1.12	48.19 1.05 -1.64	42.32 0.92 -1.44	35.74 0.74 -1.35	32.41 0.70 0.00	28.81 0.58 -0.42
ROSETON____1 23587	34.64 0.91 0.00	30.38 0.83 0.00	27.97 0.68 0.00	29.27 0.80 0.00	28.53 0.64 0.00	29.65 0.64 0.00	32.45 0.76 0.00	28.08 0.79 0.00	28.22 0.85 0.00	23.50 0.75 0.00	22.65 0.81 0.00	23.51 0.86 -0.10	23.51 0.88 -0.11	24.95 0.92 -0.32	25.23 0.94 -0.16	29.14 1.08 -0.27	34.31 1.32 -0.72	41.87 1.45 0.00	47.04 1.24 0.00	46.74 1.23 0.00	41.08 1.12 0.00	34.60 0.94 0.00	32.54 0.82 0.00	28.50 0.70 0.00
ROSETON____2 23588	34.64 0.91 0.00	30.38 0.83 0.00	27.97 0.68 0.00	29.27 0.80 0.00	28.53 0.64 0.00	29.65 0.64 0.00	32.45 0.76 0.00	28.08 0.79 0.00	28.22 0.85 0.00	23.50 0.75 0.00	22.65 0.81 0.00	23.51 0.86 -0.10	23.51 0.88 -0.11	24.95 0.92 -0.32	25.23 0.94 -0.16	29.14 1.08 -0.27	34.31 1.32 -0.72	41.87 1.45 0.00	47.04 1.24 0.00	46.74 1.23 0.00	41.08 1.12 0.00	34.60 0.94 0.00	32.54 0.82 0.00	28.50 0.70 0.00
ROTRDAM_115KV_TB3 80664	34.27 0.54 0.00	30.05 0.50 0.00	27.78 0.49 0.00	28.98 0.51 0.00	28.39 0.50 0.00	29.45 0.44 0.00	32.17 0.48 0.00	27.68 0.38 0.00	27.75 0.38 0.00	23.00 0.25 0.00	22.00 0.15 0.00	22.68 0.16 0.04	22.62 0.14 0.04	23.71 0.14 0.13	24.19 0.12 0.06	27.89 0.22 0.11	32.22 0.26 0.30	40.90 0.48 0.00	46.40 0.60 0.00	46.15 0.64 0.00	40.56 0.60 0.00	34.20 0.54 0.00	32.19 0.48 0.00	28.22 0.42 0.00
RUSSELL____1 23602	33.89 0.17 0.00	29.43 -0.12 0.00	26.99 -0.30 0.00	28.07 -0.40 0.00	27.52 -0.36 0.00	28.87 -0.15 0.00	31.34 -0.35 0.00	26.49 -0.52 0.28	26.80 -0.36 0.21	22.38 -0.11 0.26	21.27 -0.13 0.44	22.28 -0.14 0.14	22.33 -0.16 0.04	23.04 -0.07 0.60	23.32 -0.12 0.70	27.42 -0.36 0.00	31.52 -0.74 0.00	39.77 -0.65 0.00	45.07 -0.73 0.00	44.92 -0.59 0.00	39.32 -0.64 0.00	32.71 -0.71 0.24	31.46 -0.25 0.00	27.55 -0.25 0.00
RUSSELL____2 23532	33.89 0.17 0.00	29.43 -0.12 0.00	26.99 -0.30 0.00	28.07 -0.40 0.00	27.52 -0.36 0.00	28.87 -0.15 0.00	31.34 -0.35 0.00	26.49 -0.52 0.28	26.80 -0.36 0.21	22.38 -0.11 0.26	21.27 -0.13 0.44	22.28 -0.14 0.14	22.33 -0.16 0.04	23.04 -0.07 0.60	23.32 -0.12 0.70	27.42 -0.36 0.00	31.52 -0.74 0.00	39.77 -0.65 0.00	45.07 -0.73 0.00	44.92 -0.59 0.00	39.32 -0.64 0.00	32.71 -0.71 0.24	31.46 -0.25 0.00	27.55 -0.25 0.00
RUSSELL____3 23549	33.89 0.17 0.00	29.43 -0.12 0.00	26.99 -0.30 0.00	28.07 -0.40 0.00	27.52 -0.36 0.00	28.87 -0.15 0.00	31.34 -0.35 0.00	26.49 -0.52 0.28	26.80 -0.36 0.21	22.38 -0.11 0.26	21.27 -0.13 0.44	22.28 -0.14 0.14	22.33 -0.16 0.04	23.04 -0.07 0.60	23.32 -0.12 0.70	27.42 -0.36 0.00	31.52 -0.74 0.00	39.77 -0.65 0.00	45.07 -0.73 0.00	44.92 -0.59 0.00	39.32 -0.64 0.00	32.71 -0.71 0.24	31.46 -0.25 0.00	27.55 -0.25 0.00
RUSSELL____4 23556	33.89 0.17 0.00	29.43 -0.12 0.00	26.99 -0.30 0.00	28.07 -0.40 0.00	27.52 -0.36 0.00	28.87 -0.15 0.00	31.34 -0.35 0.00	26.49 -0.52 0.28	26.80 -0.36 0.21	22.38 -0.11 0.26	21.27 -0.13 0.44	22.28 -0.14 0.14	22.33 -0.16 0.04	23.04 -0.07 0.60	23.32 -0.12 0.70	27.42 -0.36 0.00	31.52 -0.74 0.00	39.77 -0.65 0.00	45.07 -0.73 0.00	44.92 -0.59 0.00	39.32 -0.64 0.00	32.71 -0.71 0.24	31.46 -0.25 0.00	27.55 -0.25 0.00
RUSSELL____STATION 23914	33.89 0.17 0.00	29.43 -0.12 0.00	26.99 -0.30 0.00	28.07 -0.40 0.00	27.52 -0.36 0.00	28.87 -0.15 0.00	31.34 -0.35 0.00	26.49 -0.52 0.28	26.80 -0.36 0.21	22.38 -0.11 0.26	21.27 -0.13 0.44	22.28 -0.14 0.14	22.33 -0.16 0.04	23.04 -0.07 0.60	23.32 -0.12 0.70	27.42 -0.36 0.00	31.52 -0.74 0.00	39.77 -0.65 0.00	45.07 -0.73 0.00	44.92 -0.59 0.00	39.32 -0.64 0.00	32.71 -0.71 0.24	31.46 -0.25 0.00	27.55 -0.25 0.00
S SALMON____HYD 24043	33.49 -0.23 0.00	30.05 -0.32 -0.83	27.13 -0.36 -0.20	28.04 -0.43 0.00	27.55 -0.33 0.00	28.72 -0.29 0.00	32.16 -0.32 -0.78	27.78 -0.36 -0.85	26.98 -0.44 -0.05	22.70 -0.43 -0.39	22.78 -0.46 -1.40	22.78 -0.47 -0.69	22.39 -0.50 -0.36	23.80 -0.52 -0.62	24.87 -0.53 -1.26	27.98 -0.58 -0.78	32.53 -0.71 -0.98	39.65 -0.77 0.00	46.58 -0.50 -1.27	46.83 -0.54 -1.87	41.20 -0.40 -1.64	34.95 -0.30 -1.59	31.46 -0.25 0.00	28.01 -0.28 -0.48
S.PERRY__115KV_TB1 80734	34.77 1.05 0.00	30.20 0.65 0.00	27.62 0.33 0.00	28.67 0.20 0.00	28.16 0.28 0.00	29.62 0.61 0.00	32.10 0.41 0.00	27.12 0.03 0.20	28.03 0.82 0.15	23.18 0.61 0.19	21.96 0.44 0.32	22.82 0.36 0.10	22.86 0.36 0.03	23.72 0.45 0.43	24.07 0.43 0.51	28.26 0.47 0.00	32.81 0.55 0.00	41.75 1.33 0.00	47.73 1.92 0.00	47.42 1.91 0.00	41.32 1.36 0.00	34.40 0.91 0.17	32.89 1.17 0.00	28.67 0.86 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.32 -0.40 0.00	28.84 -0.71 0.00	26.36 -0.93 0.00	27.36 -1.11 0.00	26.77 -1.12 0.00	28.29 -0.73 0.00	30.33 -1.36 0.00	25.26 -1.80 0.24	25.90 -1.29 0.18	21.96 -0.57 0.22	20.97 -0.50 0.37	21.90 -0.54 0.12	21.98 -0.52 0.03	22.80 -0.40 0.50	22.99 -0.56 0.59	26.64 -1.14 0.00	30.29 -1.97 0.00	38.03 -2.38 0.00	42.51 -3.30 0.00	42.60 -2.91 0.00	37.20 -2.76 0.00	31.13 -2.32 0.20	30.29 -1.43 0.00	26.94 -0.86 0.00

SAWYER___23_KV_LOAD 55526	33.32 -0.40 0.00	28.84 -0.71 0.00	26.36 -0.93 0.00	27.36 -1.11 0.00	26.77 -1.12 0.00	28.29 -0.73 0.00	30.33 -1.36 0.00	25.26 -1.80 0.24	25.90 -1.29 0.18	21.96 -0.57 0.22	20.97 -0.50 0.37	21.90 -0.54 0.12	21.98 -0.52 0.03	22.80 -0.40 0.50	22.99 -0.56 0.59	26.64 -1.14 0.00	30.29 -1.97 0.00	38.03 -2.38 0.00	42.51 -3.30 0.00	42.60 -2.91 0.00	37.20 -2.76 0.00	31.13 -2.32 0.20	30.29 -1.43 0.00	26.94 -0.86 0.00
SELKIRK___I 23801	34.03 0.30 0.00	29.84 0.30 0.00	27.64 0.35 0.00	28.81 0.34 0.00	28.25 0.36 0.00	29.30 0.29 0.00	31.98 0.28 0.00	27.51 0.22 0.00	27.45 0.08 0.00	22.73 -0.02 0.00	21.78 -0.07 0.00	22.49 -0.05 0.03	22.43 -0.07 0.03	23.54 -0.07 0.09	24.02 -0.07 0.05	27.68 -0.03 0.08	32.15 0.10 0.21	40.54 0.12 0.00	45.94 0.14 0.00	45.69 0.18 0.00	40.20 0.24 0.00	33.93 0.27 0.00	31.97 0.25 0.00	28.05 0.25 0.00
SELKIRK___II 23799	33.86 0.14 0.00	29.73 0.18 0.00	27.48 0.19 0.00	28.67 0.20 0.00	28.08 0.20 0.00	29.13 0.12 0.00	31.85 0.16 0.00	27.46 0.16 0.00	27.48 0.11 0.00	22.82 0.07 0.00	21.89 0.04 0.00	22.59 0.07 0.03	22.56 0.07 0.04	23.66 0.07 0.11	24.15 0.07 0.05	27.80 0.11 0.09	32.20 0.19 0.25	40.54 0.12 0.00	45.81 0.00 0.00	45.55 0.05 0.00	40.04 0.08 0.00	33.83 0.17 0.00	31.84 0.13 0.00	27.94 0.14 0.00
SENECA OSWGO___HYD 24041	33.25 -0.47 0.00	29.39 -0.44 -0.28	26.89 -0.46 -0.07	27.93 -0.54 0.00	27.38 -0.50 0.00	28.52 -0.49 0.00	31.38 -0.57 -0.26	27.20 -0.55 -0.45	26.96 -0.55 -0.14	22.55 -0.48 -0.28	22.09 -0.48 -0.73	22.36 -0.52 -0.32	22.17 -0.50 -0.14	23.74 -0.52 -0.56	24.42 -0.55 -0.84	27.46 -0.58 -0.26	31.82 -0.77 -0.33	39.57 -0.85 0.00	45.46 -0.78 -0.43	45.27 -0.87 -0.63	39.71 -0.80 -0.55	33.66 -0.67 -0.68	31.17 -0.54 0.00	27.47 -0.50 -0.16
SENECA___115KV_TB3 355854	33.59 -0.13 0.00	29.08 -0.47 0.00	26.58 -0.71 0.00	27.56 -0.91 0.00	26.96 -0.92 0.00	28.52 -0.49 0.00	30.61 -1.08 0.00	25.48 -1.58 0.23	26.10 -1.09 0.17	22.11 -0.43 0.21	21.12 -0.37 0.36	22.04 -0.41 0.12	22.12 -0.38 0.03	22.98 -0.24 0.48	23.13 -0.43 0.57	26.84 -0.94 0.00	30.55 -1.71 0.00	38.40 -2.02 0.00	42.97 -2.84 0.00	43.01 -2.50 0.00	37.52 -2.44 0.00	31.38 -2.09 0.19	30.48 -1.24 0.00	27.08 -0.72 0.00
SENECA___ENERGY 23797	33.99 0.27 0.00	29.87 0.15 -0.17	27.33 0.00 -0.04	28.39 -0.09 0.00	27.86 -0.03 0.00	29.13 0.12 0.00	31.88 0.03 -0.16	27.32 -0.14 -0.16	27.37 0.00 0.00	22.79 -0.02 -0.07	22.02 -0.09 -0.26	22.58 -0.11 -0.13	22.49 -0.11 -0.07	23.71 -0.09 -0.10	24.24 -0.12 -0.22	27.89 -0.06 -0.16	32.24 -0.22 -0.20	40.34 -0.08 0.00	46.43 0.36 -0.26	46.07 0.18 -0.38	40.30 0.00 -0.33	33.97 0.00 -0.31	31.84 0.13 0.00	27.96 0.06 -0.10
SHOEMAKER___GT 23640	34.50 0.78 0.00	30.26 0.71 0.00	27.89 0.60 0.00	29.18 0.71 0.00	28.47 0.59 0.00	29.59 0.58 0.00	32.33 0.63 0.00	27.95 0.65 0.00	28.05 0.68 0.00	23.34 0.59 0.00	22.48 0.63 0.00	23.31 0.68 -0.08	23.31 0.70 -0.08	24.69 0.74 -0.25	25.01 0.75 -0.12	28.86 0.86 -0.21	33.89 1.06 -0.56	41.67 1.25 0.00	46.95 1.15 0.00	46.69 1.18 0.00	41.00 1.04 0.00	34.47 0.81 0.00	32.44 0.73 0.00	28.42 0.61 0.00
SHOEMAKR_138KV_BK 111 55601	34.50 0.78 0.00	30.26 0.71 0.00	27.89 0.60 0.00	29.18 0.71 0.00	28.47 0.59 0.00	29.59 0.58 0.00	32.33 0.63 0.00	27.95 0.66 0.00	28.05 0.68 0.00	23.36 0.61 0.00	22.50 0.66 0.00	23.33 0.70 -0.07	23.33 0.72 -0.08	24.71 0.76 -0.25	25.03 0.77 -0.12	28.86 0.86 -0.21	33.88 1.06 -0.56	41.63 1.21 0.00	47.04 1.24 0.00	46.69 1.18 0.00	41.00 1.04 0.00	34.47 0.81 0.00	32.44 0.73 0.00	28.42 0.61 0.00
SHOREHAM_IC_1 23715	35.11 1.38 0.00	30.44 0.89 0.00	27.67 0.38 0.00	28.87 0.40 0.00	28.10 0.22 0.00	29.19 0.18 0.00	32.51 0.82 0.00	26.93 0.65 1.02	26.02 0.55 1.89	22.73 0.71 0.72	21.42 0.83 1.26	23.66 1.02 -0.09	23.57 0.95 -0.10	25.23 1.23 -0.29	25.63 1.35 -0.14	33.81 1.80 -4.23	36.94 2.29 -2.39	42.36 1.94 0.00	47.41 1.60 0.00	46.37 0.86 0.00	40.76 0.80 0.00	35.14 1.48 0.00	32.70 0.98 0.00	28.56 0.75 0.00
SHOREHAM_IC_2 23716	35.11 1.38 0.00	30.44 0.89 0.00	27.67 0.38 0.00	28.87 0.40 0.00	28.11 0.22 0.00	29.19 0.17 0.00	32.52 0.82 0.00	26.93 0.66 1.02	26.02 0.55 1.89	22.73 0.71 0.72	21.42 0.83 1.26	23.66 1.02 -0.09	23.57 0.95 -0.10	25.23 1.23 -0.29	25.58 1.30 -0.14	33.82 1.81 -4.23	36.91 2.26 -2.39	42.28 1.86 0.00	47.64 1.83 0.00	46.42 0.91 0.00	40.84 0.88 0.00	35.21 1.55 0.00	32.70 0.98 0.00	28.56 0.75 0.00
SISSONVILLE____ 23735	34.33 0.61 0.00	38.47 0.53 -8.39	29.80 0.52 -1.99	29.01 0.54 0.00	28.50 0.61 0.00	29.71 0.70 0.00	40.41 0.79 -7.92	35.92 0.71 -7.92	28.05 0.68 0.00	26.56 0.50 -3.31	35.47 0.50 -13.12	29.72 0.47 -6.69	26.52 0.47 -3.52	29.03 0.45 -4.87	35.82 0.56 -11.13	36.32 0.61 -7.92	42.95 0.77 -9.91	41.43 1.01 0.00	60.15 1.42 -12.93	65.91 1.46 -18.95	57.89 1.28 -16.65	50.28 1.04 -15.58	32.54 0.82 0.00	33.44 0.75 -4.89
SITHE_IND_GS1 24169	32.85 -0.88 0.00	28.75 -0.80 0.00	26.50 -0.79 0.00	27.62 -0.85 0.00	27.07 -0.81 0.00	28.20 -0.81 0.00	30.77 -0.92 0.00	22.71 -0.85 3.74	23.66 -0.85 2.86	18.59 -0.71 3.45	15.27 -0.70 5.87	19.92 -0.72 1.92	21.32 -0.72 0.49	15.01 -0.73 7.96	14.01 -0.77 9.35	26.92 -0.86 0.00	31.16 -1.10 0.00	39.12 -1.29 0.00	44.43 -1.37 0.00	44.14 -1.36 0.00	38.72 -1.24 0.00	29.41 -1.04 3.21	30.79 -0.92 0.00	26.97 -0.83 0.00
SITHE_IND_GS2 24170	32.85 -0.88 0.00	28.75 -0.80 0.00	26.50 -0.79 0.00	27.62 -0.85 0.00	27.07 -0.81 0.00	28.20 -0.81 0.00	30.77 -0.92 0.00	22.71 -0.85 3.74	23.66 -0.85 2.86	18.59 -0.71 3.45	15.27 -0.70 5.87	19.92 -0.72 1.92	21.32 -0.72 0.49	15.01 -0.73 7.96	14.01 -0.77 9.35	26.92 -0.86 0.00	31.16 -1.10 0.00	39.12 -1.29 0.00	44.43 -1.37 0.00	44.14 -1.36 0.00	38.72 -1.24 0.00	29.41 -1.04 3.21	30.79 -0.92 0.00	26.97 -0.83 0.00
SITHE_IND_GS3 24171	32.85 -0.88 0.00	28.75 -0.80 0.00	26.50 -0.79 0.00	27.62 -0.85 0.00	27.07 -0.81 0.00	28.20 -0.81 0.00	30.77 -0.92 0.00	22.71 -0.85 3.74	23.66 -0.85 2.86	18.59 -0.71 3.45	15.27 -0.70 5.87	19.92 -0.72 1.92	21.32 -0.72 0.49	15.01 -0.73 7.96	14.01 -0.77 9.35	26.92 -0.86 0.00	31.16 -1.10 0.00	39.12 -1.29 0.00	44.43 -1.37 0.00	44.14 -1.36 0.00	38.72 -1.24 0.00	29.41 -1.04 3.21	30.79 -0.92 0.00	26.97 -0.83 0.00
SITHE_IND_GS4 24172	32.85 -0.88 0.00	28.75 -0.80 0.00	26.50 -0.79 0.00	27.62 -0.85 0.00	27.07 -0.81 0.00	28.20 -0.81 0.00	30.77 -0.92 0.00	22.71 -0.85 3.74	23.66 -0.85 2.86	18.59 -0.71 3.45	15.27 -0.70 5.87	19.92 -0.72 1.92	21.32 -0.72 0.49	15.01 -0.73 7.96	14.01 -0.77 9.35	26.92 -0.86 0.00	31.16 -1.10 0.00	39.12 -1.29 0.00	44.43 -1.37 0.00	44.14 -1.36 0.00	38.72 -1.24 0.00	29.41 -1.04 3.21	30.79 -0.92 0.00	26.97 -0.83 0.00

SITHE___BATAVIA 24024	34.44 0.71 0.00	29.81 0.27 0.00	27.24 -0.05 0.00	28.30 -0.17 0.00	27.72 -0.17 0.00	29.28 0.26 0.00	31.47 -0.22 0.00	26.33 -0.71 0.26	26.70 -0.47 0.20	22.47 -0.05 0.24	21.33 -0.11 0.40	22.29 -0.13 0.13	22.34 -0.16 0.03	23.13 -0.02 0.55	23.30 -0.19 0.64	27.48 -0.31 0.00	30.78 -1.48 0.00	39.04 -1.37 0.00	45.12 -0.69 0.00	44.60 -0.91 0.00	38.92 -1.04 0.00	32.53 -0.91 0.22	31.36 -0.35 0.00	27.81 0.00 0.00
SITHE___INDEPEND 23800	32.85 -0.88 0.00	28.75 -0.80 0.00	26.50 -0.79 0.00	27.62 -0.85 0.00	27.07 -0.81 0.00	28.20 -0.81 0.00	30.77 -0.92 0.00	22.71 -0.85 3.74	23.66 -0.85 2.86	18.59 -0.71 3.45	15.27 -0.70 5.87	19.92 -0.72 1.92	21.32 -0.72 0.49	15.01 -0.73 7.96	14.01 -0.77 9.35	26.92 -0.86 0.00	31.20 -1.06 0.00	39.16 -1.25 0.00	44.39 -1.42 0.00	44.14 -1.37 0.00	38.72 -1.24 0.00	29.41 -1.04 3.21	30.79 -0.92 0.00	26.97 -0.83 0.00
SITHE___MASSENA 23902	34.23 0.51 0.00	42.16 0.44 -12.17	30.64 0.46 -2.89	28.95 0.48 0.00	28.39 0.50 0.00	29.59 0.58 0.00	43.82 0.63 -11.49	39.36 0.57 -11.49	27.97 0.60 0.00	28.01 0.45 -4.80	41.36 0.48 -19.04	32.71 0.45 -9.70	28.08 0.45 -5.10	31.22 0.45 -7.07	40.81 0.53 -16.14	39.80 0.53 -11.49	47.35 0.71 -14.38	41.27 0.85 0.00	65.61 1.05 -18.75	74.08 1.09 -27.48	65.03 0.92 -24.15	57.03 0.77 -22.60	32.28 0.57 0.00	35.45 0.56 -7.09
SITHE___OGDNSBRG 24021	34.60 0.88 0.00	40.20 0.80 -9.86	30.39 0.76 -2.34	29.24 0.77 0.00	28.69 0.81 0.00	29.94 0.93 0.00	42.05 1.05 -9.31	37.50 0.90 -9.31	28.19 0.82 0.00	27.21 0.57 -3.89	37.83 0.57 -15.42	30.96 0.54 -7.86	27.20 0.54 -4.13	29.95 0.52 -5.72	37.82 0.60 -13.08	37.79 0.69 -9.31	44.85 0.94 -11.65	41.71 1.29 0.00	62.78 1.79 -15.19	69.68 1.91 -22.26	61.16 1.64 -19.56	53.28 1.31 -18.30	32.76 1.05 0.00	34.49 0.95 -5.74
SITHE___STERLING 23777	34.23 0.51 0.00	30.45 0.41 -0.49	27.76 0.35 -0.12	28.76 0.28 0.00	28.25 0.36 0.00	29.42 0.41 0.00	32.63 0.48 -0.46	28.08 0.33 -0.46	27.56 0.19 0.00	23.01 0.07 -0.19	22.65 0.04 -0.76	22.97 0.02 -0.39	22.76 0.02 -0.20	24.01 0.02 -0.28	24.81 0.02 -0.65	28.30 0.06 -0.46	33.00 0.16 -0.58	40.78 0.36 0.00	47.25 0.69 -0.75	47.34 0.73 -1.10	41.57 0.64 -0.97	35.07 0.51 -0.91	32.19 0.48 0.00	28.48 0.39 -0.28
SLEIGHT__34_KV_TB1 80719	33.42 -0.30 0.00	29.14 -0.41 0.00	26.74 -0.55 0.00	27.82 -0.65 0.00	27.33 -0.56 0.00	28.58 -0.44 0.00	31.09 -0.60 0.00	26.41 -0.66 0.22	26.62 -0.57 0.17	22.13 -0.41 0.21	21.05 -0.44 0.35	21.99 -0.45 0.12	22.05 -0.45 0.03	22.80 -0.43 0.48	23.11 -0.46 0.56	27.14 -0.64 0.00	31.36 -0.90 0.00	39.49 -0.93 0.00	44.84 -0.96 0.00	44.64 -0.86 0.00	39.08 -0.88 0.00	32.62 -0.84 0.19	31.17 -0.54 0.00	27.30 -0.50 0.00
SMITHTWN_69_KV_BK 1 55830	35.65 1.92 0.00	30.91 1.36 0.00	28.14 0.85 0.00	29.38 0.91 0.00	28.58 0.70 0.00	29.68 0.67 0.00	33.09 1.39 0.00	28.63 1.12 -0.22	28.84 1.07 -0.41	24.06 1.16 -0.16	23.38 1.27 -0.27	24.11 1.47 -0.09	24.02 1.40 -0.10	25.68 1.68 -0.29	26.04 1.76 -0.14	34.28 2.25 -4.24	37.40 2.74 -2.40	42.80 2.38 0.00	48.19 2.38 0.00	46.97 1.46 0.00	41.44 1.48 0.00	35.71 2.05 0.00	33.20 1.49 0.00	28.97 1.17 0.00
SOUTH CAIRO___GT 23612	34.57 0.84 0.00	30.41 0.86 0.00	28.14 0.85 0.00	29.32 0.85 0.00	28.69 0.81 0.00	29.88 0.87 0.00	32.39 0.70 0.00	27.81 0.52 0.00	27.69 0.33 0.00	22.77 0.02 0.00	21.71 -0.13 0.00	22.54 0.00 0.02	22.53 0.02 0.02	23.67 0.02 0.05	24.13 0.02 0.03	27.91 0.17 0.04	32.63 0.48 0.12	41.18 0.77 0.00	47.04 1.24 0.00	46.87 1.37 0.00	41.12 1.16 0.00	34.53 0.88 0.00	32.54 0.82 0.00	28.61 0.81 0.00
SOUTH HAMPTN___IC 23720	35.41 1.69 0.00	30.67 1.12 0.00	27.89 0.60 0.00	29.09 0.63 0.00	28.30 0.42 0.00	29.39 0.38 0.00	32.68 0.98 0.00	25.81 0.68 2.16	23.94 0.60 4.03	22.00 0.80 1.54	20.13 0.96 2.67	23.82 1.17 -0.09	23.75 1.13 -0.10	25.47 1.47 -0.29	25.90 1.62 -0.14	34.23 2.22 -4.22	37.43 2.77 -2.39	42.96 2.55 0.00	48.10 2.29 0.00	47.01 1.50 0.00	41.24 1.28 0.00	35.51 1.85 0.00	33.08 1.36 0.00	28.92 1.11 0.00
SOUTHDOW_115KV_TB1 355954	34.23 0.51 0.00	29.67 0.12 0.00	27.10 -0.19 0.00	28.01 -0.46 0.00	27.35 -0.53 0.00	29.01 0.00 0.00	31.31 -0.38 0.00	26.04 -1.04 0.21	26.71 -0.49 0.16	22.67 0.11 0.20	21.68 0.17 0.33	22.61 0.16 0.11	22.70 0.20 0.03	23.63 0.38 0.45	23.80 0.19 0.53	27.65 -0.14 0.00	31.58 -0.68 0.00	39.77 -0.65 0.00	44.57 -1.24 0.00	44.37 -1.14 0.00	38.44 -1.52 0.00	32.13 -1.35 0.18	30.98 -0.73 0.00	27.28 -0.53 0.00
SOUTHOLD_69_KV_BK 2 55809	35.51 1.79 0.00	30.70 1.15 0.00	27.92 0.63 0.00	29.10 0.63 0.00	28.27 0.39 0.00	29.36 0.35 0.00	32.55 0.86 0.00	25.52 0.44 2.21	23.62 0.38 4.13	21.83 0.66 1.58	20.00 0.90 2.74	23.84 1.20 -0.09	23.82 1.19 -0.10	25.58 1.59 -0.29	26.02 1.74 -0.14	34.59 2.58 -4.22	37.88 3.23 -2.39	43.53 3.11 0.00	48.97 3.16 0.00	47.56 2.05 0.00	41.68 1.72 0.00	35.88 2.22 0.00	33.33 1.62 0.00	29.20 1.39 0.00
SOUTHOLD___IC 23719	35.51 1.79 0.00	30.70 1.15 0.00	27.92 0.63 0.00	29.09 0.63 0.00	28.27 0.39 0.00	29.36 0.35 0.00	32.55 0.86 0.00	25.51 0.44 2.21	23.62 0.38 4.13	21.83 0.66 1.58	20.00 0.90 2.74	23.84 1.19 -0.09	23.82 1.19 -0.10	25.58 1.59 -0.29	26.06 1.79 -0.14	34.62 2.61 -4.22	37.88 3.23 -2.39	43.57 3.15 0.00	48.78 2.98 0.00	47.51 2.00 0.00	41.60 1.64 0.00	35.82 2.16 0.00	33.33 1.62 0.00	29.19 1.39 0.00
SOUTH_FORK_WT_PWR 323839	35.21 1.48 0.00	30.44 0.89 0.00	27.67 0.38 0.00	28.81 0.34 0.00	27.99 0.11 0.00	29.07 0.06 0.00	32.10 0.41 0.00	25.19 0.08 2.19	23.32 0.03 4.07	21.60 0.41 1.56	19.84 0.70 2.70	23.69 1.04 -0.09	23.69 1.06 -0.10	25.49 1.49 -0.29	25.99 1.71 -0.14	34.56 2.55 -4.22	37.81 3.16 -2.39	43.45 3.03 0.00	48.60 2.79 0.00	47.33 1.82 0.00	41.36 1.40 0.00	35.61 1.95 0.00	33.20 1.49 0.00	29.17 1.36 0.00
SPIERFLS_115KV_TB 1 80737	34.27 0.54 0.00	30.11 0.56 0.00	27.84 0.55 0.00	29.04 0.57 0.00	28.50 0.61 0.00	29.62 0.61 0.00	32.26 0.57 0.00	27.65 0.35 0.00	28.24 0.88 0.00	23.27 0.52 0.00	21.97 0.13 0.00	22.58 0.07 0.05	22.45 -0.02 0.06	23.46 -0.07 0.17	23.91 -0.14 0.08	27.73 0.08 0.14	31.47 -0.42 0.37	40.62 0.20 0.00	46.40 0.60 0.00	46.33 0.82 0.00	40.72 0.76 0.00	34.33 0.67 0.00	32.32 0.60 0.00	28.33 0.53 0.00
ST LAWRENCE____ 23600	33.79 0.07 0.00	28.65 0.06 0.96	27.13 0.08 0.25	28.58 0.11 0.00	28.02 0.14 0.00	29.19 0.18 0.00	30.95 0.19 0.94	26.53 0.19 0.95	27.58 0.22 0.00	22.50 0.16 0.41	20.52 0.17 1.50	21.91 0.18 0.83	22.25 0.16 0.44	23.24 0.14 0.60	23.06 0.19 1.27	27.02 0.17 0.94	31.39 0.26 1.13	40.74 0.32 0.00	44.74 0.41 1.48	43.84 0.41 2.08	38.49 0.36 1.83	32.19 0.30 1.78	31.90 0.19 0.00	27.40 0.20 0.60

STATE_CA_115KV_115_LB 55624	33.76 0.03 0.00	29.64 0.09 0.00	27.43 0.14 0.00	28.58 0.11 0.00	28.02 0.14 0.00	29.10 0.09 0.00	31.79 0.10 0.00	27.40 0.11 0.00	27.39 0.03 0.00	22.73 -0.02 0.00	21.78 -0.07 0.00	22.47 -0.05 0.05	22.41 -0.07 0.05	23.48 -0.07 0.15	23.97 -0.10 0.07	27.60 -0.06 0.13	31.95 0.03 0.34	40.38 -0.04 0.00	45.81 0.00 0.00	45.46 -0.05 0.00	40.00 0.04 0.00	33.83 0.17 0.00	31.81 0.10 0.00	27.92 0.11 0.00
STATE_ST_34_KV_LOAD 55959	33.86 0.13 0.00	29.78 0.06 -0.17	27.28 -0.05 -0.04	28.33 -0.14 0.00	27.80 -0.08 0.00	29.01 0.00 0.00	31.79 -0.06 -0.16	27.32 -0.14 -0.16	27.26 -0.11 0.00	22.68 -0.14 -0.07	21.96 -0.15 -0.27	22.52 -0.18 -0.14	22.42 -0.18 -0.07	23.64 -0.17 -0.10	24.17 -0.19 -0.23	27.75 -0.19 -0.16	32.24 -0.23 -0.20	40.34 -0.08 0.00	46.12 0.05 -0.26	45.94 0.05 -0.39	40.22 -0.08 -0.34	33.88 -0.10 -0.32	31.71 0.00 0.00	27.88 -0.03 -0.10
STATION_5_MISC_HYD 23604	33.73 0.00 0.00	29.31 -0.24 0.00	26.88 -0.41 0.00	27.96 -0.51 0.00	27.41 -0.47 0.00	28.75 -0.26 0.00	31.22 -0.47 0.00	26.39 -0.63 0.28	26.69 -0.47 0.21	22.28 -0.21 0.26	21.19 -0.22 0.44	22.19 -0.23 0.14	22.24 -0.25 0.04	22.94 -0.16 0.60	23.17 -0.26 0.70	27.45 -0.33 0.00	31.16 -1.10 0.00	39.36 -1.05 0.00	45.17 -0.64 0.00	44.73 -0.77 0.00	39.12 -0.84 0.00	32.65 -0.77 0.24	31.33 -0.38 0.00	27.47 -0.33 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.57 0.84 0.00	30.14 0.59 0.00	27.62 0.33 0.00	28.70 0.23 0.00	28.19 0.31 0.00	29.54 0.52 0.00	32.14 0.44 0.00	27.39 0.19 0.10	27.68 0.38 0.07	23.00 0.34 0.09	21.93 0.24 0.15	22.71 0.20 0.05	22.72 0.20 0.01	23.76 0.26 0.20	24.14 0.24 0.24	28.03 0.25 0.00	32.45 0.19 0.00	40.94 0.53 0.00	46.63 0.82 0.00	46.33 0.82 0.00	40.48 0.52 0.00	33.91 0.34 0.08	32.28 0.57 0.00	28.22 0.42 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.52 -0.20 0.00	29.14 -0.41 0.00	26.72 -0.57 0.00	27.82 -0.65 0.00	27.27 -0.61 0.00	28.58 -0.44 0.00	31.03 -0.67 0.00	26.25 -0.76 0.28	26.55 -0.60 0.21	22.15 -0.34 0.26	21.05 -0.35 0.44	22.06 -0.36 0.14	22.13 -0.36 0.04	22.80 -0.31 0.60	23.07 -0.36 0.70	27.17 -0.61 0.00	31.23 -1.03 0.00	39.37 -1.05 0.00	44.62 -1.19 0.00	44.46 -1.05 0.00	38.92 -1.04 0.00	32.41 -1.01 0.24	31.14 -0.57 0.00	27.30 -0.50 0.00
STA_56___34_KV_BUS2 355983	33.52 -0.20 0.00	29.14 -0.41 0.00	26.72 -0.57 0.00	27.82 -0.65 0.00	27.27 -0.61 0.00	28.58 -0.44 0.00	31.03 -0.67 0.00	26.25 -0.76 0.28	26.55 -0.60 0.21	22.15 -0.34 0.26	21.05 -0.35 0.44	22.06 -0.36 0.14	22.13 -0.36 0.04	22.80 -0.31 0.60	23.07 -0.36 0.70	27.17 -0.61 0.00	31.23 -1.03 0.00	39.37 -1.05 0.00	44.62 -1.19 0.00	44.46 -1.05 0.00	38.92 -1.04 0.00	32.41 -1.01 0.24	31.14 -0.57 0.00	27.30 -0.50 0.00
STA_67___115KV_BK2 355882	33.66 -0.07 0.00	29.25 -0.30 0.00	26.83 -0.46 0.00	27.93 -0.54 0.00	27.38 -0.50 0.00	28.70 -0.32 0.00	31.15 -0.54 0.00	26.33 -0.68 0.28	26.63 -0.52 0.21	22.24 -0.25 0.26	21.14 -0.26 0.44	22.15 -0.27 0.14	22.22 -0.27 0.04	22.89 -0.21 0.60	23.17 -0.27 0.70	27.26 -0.53 0.00	31.33 -0.94 0.00	39.49 -0.93 0.00	44.71 -1.10 0.00	44.55 -0.96 0.00	39.00 -0.96 0.00	32.51 -0.91 0.24	31.24 -0.48 0.00	27.42 -0.39 0.00
STA_7___115KV_9TRANS 80674	33.89 0.17 0.00	29.43 -0.12 0.00	26.99 -0.30 0.00	28.07 -0.40 0.00	27.52 -0.36 0.00	28.87 -0.15 0.00	31.34 -0.35 0.00	26.49 -0.52 0.28	26.80 -0.36 0.21	22.38 -0.11 0.26	21.27 -0.13 0.44	22.28 -0.14 0.14	22.33 -0.16 0.04	23.04 -0.07 0.60	23.32 -0.12 0.70	27.42 -0.36 0.00	31.52 -0.74 0.00	39.77 -0.65 0.00	45.07 -0.73 0.00	44.92 -0.59 0.00	39.32 -0.64 0.00	32.71 -0.71 0.24	31.46 -0.25 0.00	27.55 -0.25 0.00
STA_82___115KV_TB1 80780	33.69 -0.03 0.00	29.28 -0.27 0.00	26.85 -0.44 0.00	27.93 -0.54 0.00	27.38 -0.50 0.00	28.72 -0.29 0.00	31.15 -0.54 0.00	26.33 -0.68 0.28	26.66 -0.49 0.21	22.27 -0.23 0.26	21.15 -0.26 0.43	22.15 -0.27 0.14	22.22 -0.27 0.04	22.90 -0.21 0.59	23.18 -0.27 0.69	27.28 -0.50 0.00	31.33 -0.94 0.00	39.49 -0.93 0.00	44.71 -1.10 0.00	44.60 -0.91 0.00	39.04 -0.92 0.00	32.51 -0.91 0.24	31.27 -0.44 0.00	27.42 -0.39 0.00
STEEL___WIND 323596	33.56 -0.17 0.00	29.05 -0.50 0.00	26.55 -0.74 0.00	27.56 -0.91 0.00	26.94 -0.95 0.00	28.49 -0.52 0.00	30.61 -1.08 0.00	25.46 -1.61 0.23	26.04 -1.15 0.17	22.08 -0.45 0.21	21.09 -0.39 0.36	22.01 -0.43 0.12	22.09 -0.40 0.03	22.96 -0.26 0.48	23.09 -0.48 0.57	27.06 -0.72 0.00	30.10 -2.16 0.00	37.95 -2.47 0.00	43.56 -2.24 0.00	43.01 -2.50 0.00	37.48 -2.48 0.00	31.51 -1.95 0.19	30.44 -1.27 0.00	27.06 -0.75 0.00
STEPHTWN_115KV_BK_2 55603	33.93 0.20 0.00	29.79 0.24 0.00	27.54 0.25 0.00	28.73 0.26 0.00	28.16 0.28 0.00	29.25 0.23 0.00	31.95 0.25 0.00	27.51 0.22 0.00	27.50 0.14 0.00	22.79 0.05 0.00	21.84 0.00 0.00	22.52 0.00 0.04	22.46 -0.02 0.05	23.53 -0.02 0.15	23.99 -0.07 0.07	27.66 0.00 0.12	32.06 0.13 0.33	40.58 0.16 0.00	46.04 0.23 0.00	45.74 0.23 0.00	40.20 0.24 0.00	34.00 0.34 0.00	31.97 0.25 0.00	28.06 0.25 0.00
STEUBEN_REC_LFGE 323667	34.27 0.54 0.00	29.79 0.24 0.00	27.26 -0.03 0.00	28.24 -0.23 0.00	27.72 -0.17 0.00	29.22 0.20 0.00	31.60 -0.10 0.00	26.62 -0.55 0.13	27.87 0.60 0.10	23.18 0.55 0.12	22.08 0.44 0.20	22.86 0.36 0.06	22.89 0.38 0.02	23.91 0.47 0.27	24.26 0.43 0.31	28.26 0.47 0.00	32.74 0.48 0.00	41.43 1.01 0.00	47.09 1.28 0.00	46.65 1.14 0.00	40.52 0.56 0.00	33.92 0.37 0.11	32.25 0.54 0.00	28.19 0.39 0.00
STILLWATER___SOLAR 323814	34.53 0.81 0.00	30.32 0.77 0.00	28.03 0.74 0.00	29.24 0.77 0.00	28.66 0.78 0.00	29.77 0.75 0.00	32.48 0.79 0.00	27.89 0.60 0.00	28.05 0.68 0.00	23.13 0.39 0.00	22.02 0.17 0.00	22.64 0.14 0.05	22.56 0.09 0.06	23.59 0.07 0.18	24.10 0.05 0.09	27.85 0.22 0.15	32.08 0.23 0.41	41.10 0.69 0.00	46.72 0.92 0.00	46.60 1.09 0.00	40.96 1.00 0.00	34.53 0.87 0.00	32.51 0.79 0.00	28.53 0.72 0.00
STONY___BROOK 24151	35.61 1.89 0.00	30.88 1.33 0.00	28.14 0.85 0.00	29.35 0.88 0.00	28.55 0.67 0.00	29.65 0.64 0.00	33.05 1.36 0.00	28.52 1.06 -0.16	28.70 1.04 -0.30	23.98 1.11 -0.11	23.29 1.24 -0.20	24.07 1.42 -0.09	23.98 1.35 -0.10	25.63 1.63 -0.29	26.04 1.76 -0.14	34.27 2.25 -4.24	37.37 2.71 -2.40	42.84 2.42 0.00	48.01 2.20 0.00	46.96 1.46 0.00	41.32 1.36 0.00	35.58 1.92 0.00	33.17 1.46 0.00	28.95 1.14 0.00
STURGEON_POOL_HYD 23609	34.87 1.15 0.00	30.58 1.03 0.00	28.16 0.87 0.00	29.47 1.00 0.00	28.69 0.81 0.00	29.83 0.81 0.00	32.58 0.89 0.00	28.19 0.90 0.00	28.30 0.93 0.00	23.54 0.80 0.00	22.70 0.85 0.00	23.57 0.97 -0.04	23.59 1.01 -0.05	24.91 1.07 -0.14	25.29 1.09 -0.07	29.13 1.22 -0.12	34.06 1.48 -0.32	42.03 1.62 0.00	47.46 1.65 0.00	47.06 1.55 0.00	41.32 1.36 0.00	34.70 1.04 0.00	32.66 0.95 0.00	28.64 0.83 0.00

ST_LAW_115_BK7_LBMP 345037	33.79 0.07 0.00	28.36 0.09 1.28	27.10 0.11 0.30	28.61 0.14 0.00	28.02 0.14 0.00	29.22 0.20 0.00	30.71 0.22 1.21	26.30 0.22 1.21	27.61 0.25 0.00	22.42 0.18 0.51	20.04 0.20 2.00	21.72 0.18 1.02	22.17 0.18 0.54	23.13 0.17 0.74	22.65 0.22 1.70	26.77 0.20 1.21	31.04 0.29 1.51	40.78 0.36 0.00	44.29 0.46 1.97	43.12 0.50 2.89	37.82 0.40 2.54	31.62 0.34 2.38	31.90 0.19 0.00	27.28 0.22 0.75
ST_LAW_115_BK8_LBMP 345038	33.79 0.07 0.00	28.36 0.09 1.28	27.10 0.11 0.30	28.61 0.14 0.00	28.02 0.14 0.00	29.22 0.20 0.00	30.71 0.22 1.21	26.30 0.22 1.21	27.61 0.25 0.00	22.42 0.18 0.51	20.04 0.20 2.00	21.72 0.18 1.02	22.17 0.18 0.54	23.13 0.17 0.74	22.65 0.22 1.70	26.77 0.20 1.21	31.04 0.29 1.51	40.78 0.36 0.00	44.29 0.46 1.97	43.12 0.50 2.89	37.82 0.40 2.54	31.62 0.34 2.38	31.90 0.19 0.00	27.28 0.22 0.75
ST_LAW_230_BK5_LBMP 345035	33.79 0.07 0.00	28.86 0.06 0.75	27.19 0.08 0.18	28.58 0.11 0.00	28.02 0.14 0.00	29.19 0.18 0.00	31.17 0.19 0.71	26.78 0.19 0.71	27.58 0.22 0.00	22.61 0.16 0.30	20.84 0.17 1.18	22.14 0.18 0.60	22.37 0.16 0.32	23.41 0.14 0.44	23.33 0.19 1.00	27.24 0.17 0.71	31.63 0.26 0.89	40.74 0.32 0.00	45.06 0.41 1.16	44.22 0.41 1.70	38.83 0.36 1.49	32.57 0.30 1.40	31.90 0.19 0.00	27.56 0.20 0.44
ST_LAW_230_BK6_LBMP 345036	33.79 0.07 0.00	28.86 0.06 0.75	27.19 0.08 0.18	28.58 0.11 0.00	28.02 0.14 0.00	29.19 0.18 0.00	31.17 0.19 0.71	26.78 0.19 0.71	27.58 0.22 0.00	22.61 0.16 0.30	20.84 0.17 1.18	22.14 0.18 0.60	22.37 0.16 0.32	23.41 0.14 0.44	23.33 0.19 1.00	27.24 0.17 0.71	31.63 0.26 0.89	40.74 0.32 0.00	45.06 0.41 1.16	44.22 0.41 1.70	38.83 0.36 1.49	32.57 0.30 1.40	31.90 0.19 0.00	27.56 0.20 0.44
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.64 0.91 0.00	30.38 0.83 0.00	27.94 0.65 0.00	29.27 0.80 0.00	28.55 0.67 0.00	29.68 0.67 0.00	32.48 0.79 0.00	28.08 0.79 0.00	28.21 0.85 0.00	23.50 0.75 0.00	22.65 0.81 0.00	23.49 0.86 -0.08	23.49 0.88 -0.09	24.89 0.92 -0.26	25.20 0.94 -0.13	29.06 1.06 -0.22	34.13 1.29 -0.58	41.87 1.45 0.00	47.27 1.47 0.00	46.87 1.37 0.00	41.16 1.20 0.00	34.64 0.98 0.00	32.57 0.86 0.00	28.50 0.70 0.00
SWANROAD_115KV_TB1 355699	33.25 -0.47 0.00	28.78 -0.77 0.00	26.33 -0.96 0.00	27.33 -1.14 0.00	26.71 -1.17 0.00	28.26 -0.75 0.00	30.01 -1.68 0.00	24.78 -2.27 0.24	25.46 -1.72 0.19	21.59 -0.93 0.22	20.59 -0.87 0.38	21.51 -0.92 0.12	21.60 -0.90 0.03	22.40 -0.78 0.52	22.56 -0.97 0.61	26.14 -1.64 0.00	29.68 -2.58 0.00	37.26 -3.15 0.00	41.59 -4.21 0.00	41.73 -3.78 0.00	36.49 -3.48 0.00	30.52 -2.93 0.21	29.78 -1.93 0.00	26.94 -0.86 0.00
SYNERGY___BIOGAS 323694	34.43 0.71 0.00	29.82 0.27 0.00	27.24 -0.05 0.00	28.30 -0.17 0.00	27.72 -0.17 0.00	29.25 0.23 0.00	31.47 -0.22 0.00	26.33 -0.71 0.26	26.73 -0.44 0.20	22.47 -0.05 0.24	21.33 -0.11 0.40	22.29 -0.14 0.13	22.34 -0.16 0.03	23.13 -0.02 0.55	23.37 -0.12 0.64	27.28 -0.50 0.00	31.13 -1.13 0.00	39.41 -1.01 0.00	44.52 -1.28 0.00	44.55 -0.96 0.00	38.92 -1.04 0.00	32.40 -1.04 0.22	31.36 -0.35 0.00	27.81 0.00 0.00
SYRACUSE___ENERGY_ST1 323597	33.59 -0.13 0.00	29.61 -0.15 -0.21	27.15 -0.19 -0.05	28.21 -0.26 0.00	27.66 -0.22 0.00	28.84 -0.17 0.00	31.63 -0.25 -0.19	27.21 -0.27 -0.19	27.09 -0.27 0.00	22.58 -0.25 -0.08	21.88 -0.28 -0.32	22.43 -0.29 -0.16	22.32 -0.29 -0.09	23.54 -0.28 -0.12	24.10 -0.31 -0.27	27.64 -0.33 -0.19	32.08 -0.42 -0.24	40.01 -0.40 0.00	45.76 -0.37 -0.32	45.56 -0.41 -0.46	39.97 -0.40 -0.41	33.67 -0.37 -0.38	31.49 -0.22 0.00	27.70 -0.22 -0.12
SYRACUSE___ENERGY_ST2 323598	33.59 -0.13 0.00	29.61 -0.15 -0.21	27.15 -0.19 -0.05	28.21 -0.26 0.00	27.66 -0.22 0.00	28.84 -0.17 0.00	31.63 -0.25 -0.19	27.21 -0.27 -0.19	27.09 -0.27 0.00	22.58 -0.25 -0.08	21.88 -0.28 -0.32	22.43 -0.29 -0.16	22.32 -0.29 -0.09	23.54 -0.28 -0.12	24.10 -0.31 -0.27	27.64 -0.33 -0.19	32.08 -0.42 -0.24	40.01 -0.40 0.00	45.76 -0.37 -0.32	45.56 -0.41 -0.46	39.97 -0.40 -0.41	33.67 -0.37 -0.38	31.49 -0.22 0.00	27.70 -0.22 -0.12
SYRACUSE___POWER 24017	33.56 -0.17 0.00	29.59 -0.18 -0.22	27.10 -0.25 -0.05	28.16 -0.31 0.00	27.63 -0.25 0.00	28.78 -0.23 0.00	31.61 -0.29 -0.20	27.09 -0.33 -0.13	26.98 -0.33 0.06	22.49 -0.27 -0.01	21.77 -0.28 -0.22	22.38 -0.32 -0.13	22.32 -0.29 -0.08	23.35 -0.31 0.04	23.91 -0.31 -0.09	27.63 -0.36 -0.20	32.07 -0.45 -0.26	39.89 -0.53 0.00	45.64 -0.50 -0.33	45.50 -0.50 -0.49	39.91 -0.48 -0.43	33.59 -0.40 -0.34	31.46 -0.25 0.00	27.68 -0.25 -0.13
TALLMAN__138KV_BK151 55660	34.81 1.08 0.00	30.52 0.98 0.00	28.05 0.76 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.83 0.81 0.00	32.64 0.95 0.00	28.28 0.98 0.00	28.41 1.04 0.00	23.68 0.93 0.00	22.85 1.00 0.00	23.72 1.08 -0.08	23.72 1.10 -0.09	25.13 1.16 -0.26	25.45 1.18 -0.13	29.34 1.33 -0.22	34.46 1.61 -0.59	42.19 1.78 0.00	47.59 1.79 0.00	47.19 1.68 0.00	41.44 1.48 0.00	34.87 1.21 0.00	32.76 1.05 0.00	28.64 0.83 0.00
TEALLAVE_115KV_TB7 355573	33.46 -0.27 0.00	29.53 -0.27 -0.25	27.05 -0.30 -0.06	28.10 -0.37 0.00	27.55 -0.33 0.00	28.72 -0.29 0.00	31.55 -0.38 -0.23	27.01 -0.41 -0.13	26.87 -0.41 0.08	22.41 -0.34 0.00	21.71 -0.35 -0.22	22.34 -0.36 -0.14	22.26 -0.36 -0.09	23.26 -0.36 0.08	23.81 -0.39 -0.06	27.57 -0.44 -0.23	31.97 -0.58 -0.29	39.73 -0.69 0.00	45.46 -0.73 -0.38	45.34 -0.73 -0.56	39.77 -0.68 -0.49	33.49 -0.54 -0.37	31.36 -0.35 0.00	27.62 -0.33 -0.14
TELGRAPH_34_KV_EAST 80808	33.83 0.10 0.00	29.28 -0.27 0.00	26.77 -0.52 0.00	27.82 -0.65 0.00	27.21 -0.67 0.00	28.75 -0.26 0.00	30.80 -0.89 0.00	25.70 -1.34 0.25	26.22 -0.96 0.19	22.13 -0.39 0.23	21.08 -0.37 0.40	22.02 -0.41 0.13	22.09 -0.41 0.03	22.88 -0.28 0.54	23.07 -0.43 0.63	26.87 -0.92 0.00	30.62 -1.65 0.00	38.56 -1.86 0.00	43.33 -2.47 0.00	43.37 -2.14 0.00	37.88 -2.08 0.00	31.63 -1.82 0.22	30.70 -1.01 0.00	27.39 -0.42 0.00
TEMPLE___115KV_TB 2 55572	33.49 -0.24 0.00	29.55 -0.24 -0.24	27.05 -0.30 -0.06	28.10 -0.37 0.00	27.55 -0.33 0.00	28.72 -0.29 0.00	31.54 -0.38 -0.23	27.00 -0.41 -0.12	26.90 -0.38 0.08	22.42 -0.32 0.01	21.72 -0.33 -0.21	22.34 -0.36 -0.14	22.28 -0.34 -0.09	23.26 -0.36 0.09	23.82 -0.36 -0.05	27.60 -0.42 -0.23	32.00 -0.55 -0.29	39.77 -0.65 0.00	45.49 -0.69 -0.37	45.37 -0.68 -0.55	39.80 -0.64 -0.48	33.48 -0.54 -0.36	31.36 -0.35 0.00	27.61 -0.33 -0.14
TIANA____69_KV_BK 1 55817	35.41 1.69 0.00	30.67 1.12 0.00	27.92 0.63 0.00	29.10 0.63 0.00	28.33 0.45 0.00	29.39 0.38 0.00	32.74 1.05 0.00	25.85 0.76 2.20	23.91 0.66 4.11	22.02 0.84 1.57	20.10 0.98 2.73	23.84 1.20 -0.09	23.75 1.13 -0.10	25.44 1.45 -0.29	25.82 1.54 -0.14	34.14 2.14 -4.22	37.33 2.68 -2.39	42.80 2.38 0.00	48.19 2.38 0.00	46.92 1.41 0.00	41.28 1.32 0.00	35.58 1.92 0.00	33.04 1.33 0.00	28.83 1.03 0.00

TILDEN___115KV_TB1 80814	33.56 -0.17 0.00	29.59 -0.18 -0.22	27.10 -0.25 -0.05	28.16 -0.31 0.00	27.63 -0.25 0.00	28.78 -0.23 0.00	31.61 -0.29 -0.20	27.09 -0.33 -0.13	26.98 -0.33 0.06	22.49 -0.27 -0.01	21.77 -0.28 -0.22	22.38 -0.32 -0.13	22.32 -0.29 -0.08	23.35 -0.31 0.04	23.91 -0.31 -0.09	27.63 -0.36 -0.20	32.07 -0.45 -0.26	39.89 -0.53 0.00	45.64 -0.50 -0.33	45.50 -0.50 -0.49	39.91 -0.48 -0.43	33.59 -0.40 -0.34	31.46 -0.25 0.00	27.68 -0.25 -0.13
TRIGEN___CC 323695	35.41 1.69 0.00	30.85 1.30 0.00	28.19 0.90 0.00	29.44 0.97 0.00	28.66 0.78 0.00	29.80 0.78 0.00	33.05 1.36 0.00	28.60 1.31 0.00	28.68 1.31 0.00	24.04 1.30 0.00	23.24 1.40 0.00	24.20 1.56 -0.09	24.16 1.53 -0.10	25.73 1.73 -0.29	26.06 1.79 -0.14	36.97 1.92 -7.27	38.21 2.23 -3.72	42.56 2.14 0.00	47.87 2.06 0.00	46.87 1.37 0.00	41.32 1.36 0.00	35.34 1.68 0.00	33.01 1.30 0.00	28.89 1.08 0.00
TRINITY__115KV__4 BK 55933	33.66 -0.07 0.00	29.55 0.00 0.00	27.34 0.05 0.00	28.50 0.03 0.00	27.94 0.06 0.00	29.01 0.00 0.00	31.69 0.00 0.00	27.35 0.05 0.00	27.37 0.00 0.00	22.70 -0.05 0.00	21.76 -0.09 0.00	22.45 -0.07 0.04	22.39 -0.09 0.05	23.46 -0.09 0.15	23.94 -0.12 0.07	27.58 -0.08 0.13	31.90 -0.03 0.33	40.29 -0.12 0.00	45.62 -0.18 0.00	45.33 -0.18 0.00	39.88 -0.08 0.00	33.73 0.07 0.00	31.71 0.00 0.00	27.83 0.03 0.00
UNION___PROCESSING_DRP 323587	33.69 -0.03 0.00	29.28 -0.27 0.00	26.85 -0.44 0.00	27.93 -0.54 0.00	27.38 -0.50 0.00	28.72 -0.29 0.00	31.15 -0.54 0.00	26.34 -0.68 0.27	26.66 -0.49 0.21	22.27 -0.23 0.25	21.17 -0.24 0.43	22.17 -0.25 0.14	22.22 -0.27 0.04	22.93 -0.19 0.59	23.18 -0.27 0.69	27.28 -0.50 0.00	31.36 -0.90 0.00	39.53 -0.89 0.00	44.75 -1.05 0.00	44.60 -0.91 0.00	39.04 -0.92 0.00	32.55 -0.88 0.24	31.27 -0.44 0.00	27.44 -0.36 0.00
UPPER HUDSON___HYD 24058	34.26 0.54 0.00	30.11 0.56 0.00	27.84 0.55 0.00	29.04 0.57 0.00	28.50 0.61 0.00	29.62 0.61 0.00	32.26 0.57 0.00	27.65 0.35 0.00	28.24 0.88 0.00	23.27 0.52 0.00	21.98 0.13 0.00	22.58 0.07 0.05	22.45 -0.02 0.06	23.47 -0.07 0.17	23.94 -0.12 0.08	27.76 0.11 0.14	31.50 -0.39 0.37	40.66 0.24 0.00	46.36 0.55 0.00	46.28 0.77 0.00	40.72 0.76 0.00	34.30 0.64 0.00	32.31 0.60 0.00	28.33 0.53 0.00
UPPER RAQUET___HYD 24056	34.33 0.61 0.00	38.47 0.53 -8.39	29.80 0.52 -1.99	29.01 0.54 0.00	28.50 0.61 0.00	29.71 0.70 0.00	40.41 0.79 -7.92	35.92 0.71 -7.92	28.05 0.68 0.00	26.56 0.50 -3.31	35.47 0.50 -13.12	29.72 0.47 -6.69	26.52 0.47 -3.52	29.02 0.45 -4.87	35.82 0.56 -11.13	36.23 0.53 -7.92	42.95 0.77 -9.91	41.43 1.01 0.00	60.15 1.42 -12.93	65.91 1.46 -18.95	57.89 1.28 -16.65	50.28 1.04 -15.58	32.54 0.82 0.00	33.44 0.75 -4.89
VALLEY44_115KV_TB2 355964	33.32 -0.40 0.00	28.93 -0.62 0.00	26.47 -0.82 0.00	27.42 -1.05 0.00	26.80 -1.09 0.00	28.41 -0.61 0.00	30.65 -1.05 0.00	25.48 -1.61 0.21	26.14 -1.07 0.16	22.08 -0.48 0.19	21.12 -0.39 0.33	22.00 -0.45 0.11	22.07 -0.43 0.03	22.95 -0.31 0.44	23.14 -0.48 0.52	26.95 -0.83 0.00	30.74 -1.52 0.00	38.72 -1.70 0.00	43.47 -2.34 0.00	43.37 -2.14 0.00	37.64 -2.32 0.00	31.46 -2.02 0.18	30.38 -1.33 0.00	26.83 -0.97 0.00
VALLEY___115KV_TB 1-4 80826	33.89 0.17 0.00	29.92 0.18 -0.20	27.50 0.16 -0.05	28.61 0.14 0.00	28.05 0.17 0.00	29.16 0.15 0.00	32.07 0.19 -0.19	27.61 0.14 -0.19	27.45 0.08 0.00	22.87 0.05 -0.08	22.22 0.07 -0.31	22.78 0.07 -0.16	22.68 0.07 -0.08	23.89 0.07 -0.11	24.47 0.07 -0.26	28.05 0.08 -0.19	32.65 0.16 -0.23	40.70 0.28 0.00	46.47 0.37 -0.30	46.32 0.36 -0.44	40.63 0.28 -0.39	34.19 0.17 -0.36	31.81 0.10 0.00	27.92 0.00 -0.11
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.77 1.05 0.00	30.47 0.92 0.00	28.14 0.85 0.00	29.30 0.83 0.00	28.72 0.84 0.00	29.80 0.78 0.00	32.61 0.92 0.00	28.00 0.71 0.00	27.97 0.60 0.00	23.18 0.43 0.00	22.28 0.44 0.00	23.02 0.45 -0.01	22.97 0.43 -0.01	24.19 0.45 -0.03	24.61 0.46 -0.02	28.37 0.56 -0.03	33.14 0.81 -0.07	41.51 1.09 0.00	47.27 1.47 0.00	47.10 1.59 0.00	41.32 1.36 0.00	34.74 1.08 0.00	32.73 1.01 0.00	28.64 0.83 0.00
VISCHER___FERRY HYD 24020	34.26 0.54 0.00	30.08 0.53 0.00	27.81 0.52 0.00	28.98 0.51 0.00	28.39 0.50 0.00	29.48 0.46 0.00	32.23 0.54 0.00	27.78 0.49 0.00	27.83 0.46 0.00	23.04 0.29 0.00	22.06 0.22 0.00	22.70 0.20 0.07	22.63 0.18 0.07	23.67 0.19 0.22	24.20 0.17 0.11	27.88 0.28 0.19	32.15 0.39 0.50	41.02 0.61 0.00	46.45 0.64 0.00	46.23 0.73 0.00	40.64 0.68 0.00	34.33 0.67 0.00	32.28 0.57 0.00	28.33 0.53 0.00
V_A_10_SYNC_DSASP 323832	33.19 -0.54 0.00	28.72 -0.83 0.00	26.31 -0.98 0.00	27.30 -1.17 0.00	26.74 -1.14 0.00	28.17 -0.84 0.00	30.30 -1.39 0.00	25.34 -1.69 0.26	25.93 -1.23 0.20	21.92 -0.59 0.24	20.89 -0.55 0.41	21.86 -0.56 0.13	21.93 -0.56 0.03	22.70 -0.45 0.56	22.88 -0.60 0.65	26.64 -1.14 0.00	30.33 -1.94 0.00	38.11 -2.30 0.00	42.69 -3.11 0.00	42.73 -2.78 0.00	37.40 -2.56 0.00	31.25 -2.19 0.22	30.35 -1.36 0.00	26.92 -0.89 0.00
V_CMM_10_SYNC_DSASP 323787	33.93 0.20 0.00	28.48 0.21 1.28	27.20 0.22 0.30	28.70 0.23 0.00	28.13 0.25 0.00	29.30 0.29 0.00	30.80 0.32 1.21	26.41 0.33 1.21	27.72 0.36 0.00	22.52 0.27 0.51	20.12 0.28 2.00	21.81 0.27 1.02	22.26 0.27 0.54	23.22 0.26 0.74	22.75 0.31 1.70	26.94 0.36 1.21	31.17 0.42 1.51	40.90 0.48 0.00	44.52 0.69 1.97	43.30 0.68 2.89	38.02 0.60 2.54	31.79 0.50 2.38	32.06 0.35 0.00	27.42 0.36 0.75
V_CMP_10_SYNC_DSASP 323788	35.25 1.52 0.00	31.58 1.39 -0.64	28.75 1.31 -0.15	29.87 1.39 0.00	29.28 1.39 0.00	30.55 1.54 0.00	34.00 1.71 -0.60	29.45 1.55 -0.60	29.06 1.70 0.00	24.43 1.43 -0.25	24.24 1.40 -1.00	24.49 1.42 -0.51	24.22 1.42 -0.27	25.52 1.45 -0.37	26.53 1.55 -0.85	30.11 1.72 -0.60	35.08 2.07 -0.75	42.96 2.55 0.00	50.23 3.44 -0.98	50.32 3.37 -1.44	44.06 2.84 -1.26	37.10 2.26 -1.18	33.62 1.90 0.00	29.84 1.67 -0.37
V_D_10_SYNC_DSASP 323841	34.23 0.51 0.00	42.22 0.44 -12.22	30.66 0.46 -2.90	28.95 0.48 0.00	28.39 0.50 0.00	29.56 0.55 0.00	43.87 0.63 -11.54	39.41 0.57 -11.54	27.97 0.60 0.00	28.03 0.45 -4.82	41.44 0.48 -19.12	32.76 0.45 -9.75	28.10 0.45 -5.12	31.25 0.45 -7.10	40.88 0.53 -16.22	39.85 0.53 -11.54	47.39 0.68 -14.45	41.27 0.85 0.00	65.70 1.05 -18.83	74.21 1.09 -27.61	65.14 0.92 -24.26	57.13 0.77 -22.70	32.28 0.57 0.00	35.48 0.56 -7.12
V_E_10_SYNC_DSASP 323830	35.51 1.79 0.00	31.09 1.54 0.00	28.57 1.28 0.00	29.64 1.17 0.00	29.19 1.31 0.00	30.46 1.45 0.00	33.34 1.65 0.00	28.41 1.12 0.00	28.16 0.79 0.00	23.18 0.43 0.00	22.17 0.33 0.00	22.88 0.32 0.00	22.80 0.27 0.00	23.99 0.29 0.00	24.43 0.29 0.00	28.28 0.50 0.00	33.13 0.87 0.00	42.07 1.66 0.00	48.65 2.84 0.00	48.56 3.05 0.00	42.40 2.44 0.00	35.48 1.82 0.00	33.42 1.71 0.00	29.22 1.42 0.00

V_F_30_NSYNC___DSASP 323816	34.57 0.84 0.00	30.35 0.80 0.00	28.05 0.76 0.00	29.27 0.80 0.00	28.69 0.81 0.00	29.83 0.81 0.00	32.51 0.82 0.00	27.92 0.63 0.00	28.08 0.71 0.00	23.16 0.41 0.00	22.06 0.22 0.00	22.69 0.18 0.05	22.58 0.11 0.06	23.65 0.12 0.18	24.15 0.10 0.09	27.91 0.28 0.15	32.16 0.29 0.39	41.18 0.77 0.00	46.81 1.01 0.00	46.65 1.14 0.00	41.00 1.04 0.00	34.57 0.91 0.00	32.54 0.82 0.00	28.56 0.75 0.00
V_F_30_SYNC_DSASP 323786	33.76 0.03 0.00	29.64 0.09 0.00	27.43 0.14 0.00	28.58 0.11 0.00	28.02 0.14 0.00	29.10 0.09 0.00	31.79 0.10 0.00	27.40 0.11 0.00	27.39 0.03 0.00	22.73 -0.02 0.00	21.78 -0.07 0.00	22.47 -0.05 0.05	22.41 -0.07 0.05	23.48 -0.07 0.15	23.97 -0.10 0.07	27.60 -0.06 0.13	31.95 0.03 0.34	40.38 -0.04 0.00	45.81 0.00 0.00	45.46 -0.05 0.00	40.00 0.04 0.00	33.83 0.17 0.00	31.81 0.10 0.00	27.92 0.11 0.00
V_XM_10_SYNC_DSASP 323789	35.25 1.52 0.00	31.58 1.39 -0.64	28.75 1.31 -0.15	29.87 1.39 0.00	29.28 1.39 0.00	30.55 1.54 0.00	34.00 1.71 -0.60	29.45 1.55 -0.60	29.06 1.70 0.00	24.43 1.43 -0.25	24.24 1.40 -1.00	24.49 1.42 -0.51	24.22 1.42 -0.27	25.52 1.45 -0.37	26.53 1.55 -0.85	30.11 1.72 -0.60	35.08 2.07 -0.75	42.96 2.55 0.00	50.23 3.44 -0.98	50.32 3.37 -1.44	44.06 2.84 -1.26	37.10 2.26 -1.18	33.62 1.90 0.00	29.84 1.67 -0.37
W.BABYLN_69_KV_BK1 56697	35.92 2.19 0.00	31.17 1.63 0.00	28.41 1.12 0.00	29.64 1.17 0.00	28.86 0.98 0.00	29.97 0.96 0.00	33.37 1.68 0.00	28.66 1.36 0.00	28.71 1.34 0.00	24.11 1.36 0.00	23.33 1.49 0.00	24.32 1.67 -0.09	24.23 1.60 -0.10	25.89 1.90 -0.29	26.23 1.96 -0.14	34.83 2.42 -4.63	37.70 2.87 -2.57	43.12 2.71 0.00	48.55 2.75 0.00	47.37 1.87 0.00	41.76 1.80 0.00	35.91 2.26 0.00	33.43 1.71 0.00	29.20 1.39 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.94 1.21 0.00	30.64 1.09 0.00	28.19 0.90 0.00	29.52 1.05 0.00	28.78 0.89 0.00	29.94 0.93 0.00	32.77 1.08 0.00	28.36 1.06 0.00	28.49 1.12 0.00	23.75 1.00 0.00	22.91 1.07 0.00	23.79 1.15 -0.08	23.79 1.17 -0.09	25.20 1.23 -0.27	25.52 1.26 -0.13	29.42 1.42 -0.22	34.56 1.71 -0.59	42.36 1.94 0.00	47.82 2.02 0.00	47.37 1.87 0.00	41.60 1.64 0.00	35.01 1.35 0.00	32.89 1.17 0.00	28.75 0.95 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.21 1.48 0.00	30.82 1.27 0.00	28.30 1.01 0.00	29.64 1.17 0.00	28.89 1.00 0.00	30.00 0.99 0.00	32.90 1.20 0.00	28.52 1.23 0.00	28.68 1.31 0.00	23.98 1.23 0.00	23.15 1.31 0.00	24.05 1.40 -0.09	24.05 1.42 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.14	29.70 1.67 -0.24	34.94 2.03 -0.65	42.64 2.22 0.00	48.01 2.20 0.00	47.51 2.00 0.00	41.80 1.84 0.00	35.14 1.48 0.00	33.01 1.30 0.00	28.89 1.08 0.00
W50THST__13_KV_LOAD 356117	35.38 1.65 0.00	30.97 1.42 0.00	28.44 1.15 0.00	29.78 1.31 0.00	29.03 1.14 0.00	30.15 1.13 0.00	33.02 1.33 0.00	28.66 1.36 0.00	28.84 1.48 0.00	24.09 1.34 0.00	23.29 1.44 0.00	24.18 1.53 -0.09	24.18 1.55 -0.10	25.61 1.61 -0.29	25.92 1.64 -0.14	29.83 1.81 -0.24	35.11 2.19 -0.65	42.84 2.42 0.00	48.23 2.43 0.00	47.74 2.23 0.00	42.00 2.04 0.00	35.31 1.65 0.00	33.17 1.46 0.00	29.03 1.22 0.00
WADING RIVER_IC_1 23522	35.14 1.42 0.00	30.47 0.92 0.00	27.72 0.44 0.00	28.92 0.45 0.00	28.16 0.28 0.00	29.22 0.20 0.00	32.55 0.86 0.00	26.30 0.71 1.71	24.79 0.60 3.18	22.28 0.75 1.22	20.61 0.87 2.11	23.71 1.06 -0.09	23.62 0.99 -0.10	25.28 1.28 -0.29	25.68 1.40 -0.14	33.86 1.86 -4.22	36.94 2.29 -2.39	42.36 1.94 0.00	47.45 1.65 0.00	46.37 0.86 0.00	40.80 0.84 0.00	35.14 1.48 0.00	32.73 1.01 0.00	28.58 0.78 0.00
WADING RIVER_IC_2 23547	35.14 1.42 0.00	30.47 0.92 0.00	27.72 0.44 0.00	28.92 0.45 0.00	28.16 0.28 0.00	29.22 0.20 0.00	32.55 0.86 0.00	26.30 0.71 1.71	24.79 0.60 3.18	22.28 0.75 1.22	20.61 0.87 2.11	23.71 1.06 -0.09	23.62 0.99 -0.10	25.28 1.28 -0.29	25.68 1.40 -0.14	33.86 1.86 -4.22	36.94 2.29 -2.39	42.36 1.94 0.00	47.45 1.65 0.00	46.37 0.86 0.00	40.80 0.84 0.00	35.14 1.48 0.00	32.73 1.01 0.00	28.58 0.78 0.00
WADING RIVER_IC_3 23601	35.14 1.42 0.00	30.47 0.92 0.00	27.72 0.44 0.00	28.92 0.45 0.00	28.16 0.28 0.00	29.22 0.20 0.00	32.55 0.86 0.00	26.30 0.71 1.71	24.79 0.60 3.18	22.28 0.75 1.22	20.61 0.87 2.11	23.71 1.06 -0.09	23.62 0.99 -0.10	25.28 1.28 -0.29	25.68 1.40 -0.14	33.86 1.86 -4.22	36.94 2.29 -2.39	42.36 1.94 0.00	47.45 1.65 0.00	46.37 0.86 0.00	40.80 0.84 0.00	35.14 1.48 0.00	32.73 1.01 0.00	28.58 0.78 0.00
WALDENNY_12_KV_BK2 80841	33.59 -0.13 0.00	29.08 -0.47 0.00	26.61 -0.68 0.00	27.59 -0.88 0.00	26.99 -0.89 0.00	28.55 -0.46 0.00	30.61 -1.08 0.00	25.45 -1.61 0.23	26.07 -1.12 0.18	22.10 -0.43 0.21	21.09 -0.39 0.36	22.01 -0.43 0.12	22.12 -0.38 0.03	22.95 -0.26 0.49	23.13 -0.43 0.57	26.81 -0.97 0.00	30.52 -1.74 0.00	38.35 -2.06 0.00	42.92 -2.89 0.00	42.96 -2.55 0.00	37.48 -2.48 0.00	31.34 -2.12 0.20	30.44 -1.27 0.00	27.11 -0.70 0.00
WALDEN___HYDRO 24148	34.74 1.01 0.00	30.47 0.92 0.00	28.05 0.76 0.00	29.35 0.88 0.00	28.61 0.72 0.00	29.77 0.75 0.00	32.55 0.86 0.00	28.14 0.85 0.00	28.24 0.88 0.00	23.52 0.77 0.00	22.67 0.83 0.00	23.52 0.88 -0.08	23.51 0.90 -0.09	24.90 0.95 -0.25	25.22 0.97 -0.12	29.08 1.08 -0.21	34.18 1.35 -0.56	41.99 1.58 0.00	47.41 1.60 0.00	47.06 1.55 0.00	41.32 1.36 0.00	34.70 1.04 0.00	32.66 0.95 0.00	28.58 0.78 0.00
WARRENSBURG____ 23737	34.27 0.54 0.00	30.11 0.56 0.00	27.84 0.55 0.00	29.04 0.57 0.00	28.50 0.61 0.00	29.62 0.61 0.00	32.26 0.57 0.00	27.65 0.35 0.00	28.24 0.88 0.00	23.27 0.52 0.00	21.97 0.13 0.00	22.58 0.07 0.05	22.45 -0.02 0.06	23.46 -0.07 0.17	23.91 -0.14 0.08	27.73 0.08 0.14	31.47 -0.42 0.37	40.62 0.20 0.00	46.40 0.60 0.00	46.33 0.82 0.00	40.72 0.76 0.00	34.33 0.67 0.00	32.32 0.60 0.00	28.33 0.53 0.00
WATERSIDE___6 8 9 23538	35.28 1.55 0.00	30.88 1.33 0.00	28.33 1.04 0.00	29.67 1.20 0.00	28.94 1.06 0.00	30.06 1.04 0.00	32.86 1.17 0.00	28.49 1.20 0.00	28.62 1.26 0.00	23.95 1.21 0.00	23.18 1.33 0.00	24.07 1.42 -0.09	24.07 1.44 -0.10	25.49 1.49 -0.29	25.77 1.50 -0.14	29.64 1.61 -0.25	34.91 2.00 -0.65	42.60 2.18 0.00	47.91 2.11 0.00	47.42 1.91 0.00	41.76 1.80 0.00	35.11 1.45 0.00	33.04 1.33 0.00	28.95 1.14 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.83 0.10 0.00	29.86 0.12 -0.20	27.45 0.11 -0.05	28.56 0.09 0.00	28.00 0.11 0.00	29.10 0.09 0.00	32.00 0.13 -0.19	27.56 0.08 -0.19	27.42 0.05 0.00	22.85 0.02 -0.08	22.17 0.02 -0.31	22.76 0.05 -0.16	22.63 0.02 -0.08	23.86 0.05 -0.11	24.42 0.02 -0.26	28.02 0.06 -0.19	32.59 0.10 -0.23	40.58 0.16 0.00	46.34 0.23 -0.30	46.22 0.27 -0.44	40.55 0.20 -0.39	34.16 0.13 -0.36	31.78 0.06 0.00	27.95 0.03 -0.11

WDELAWARE___HYD 323627	34.77 1.05 0.00	30.52 0.97 0.00	28.11 0.82 0.00	29.38 0.91 0.00	28.66 0.78 0.00	29.83 0.81 0.00	32.51 0.82 0.00	28.08 0.79 0.00	28.16 0.79 0.00	23.38 0.64 0.00	22.48 0.63 0.00	23.29 0.68 -0.05	23.29 0.70 -0.06	24.61 0.74 -0.17	24.99 0.77 -0.08	28.84 0.92 -0.15	33.87 1.23 -0.39	41.99 1.57 0.00	47.45 1.65 0.00	47.24 1.73 0.00	41.44 1.48 0.00	34.74 1.08 0.00	32.70 0.98 0.00	28.67 0.86 0.00
WEST BABYLON___IC 23714	35.92 2.19 0.00	31.17 1.63 0.00	28.41 1.12 0.00	29.64 1.17 0.00	28.86 0.98 0.00	29.97 0.96 0.00	33.37 1.68 0.00	28.66 1.36 0.00	28.71 1.34 0.00	24.11 1.36 0.00	23.33 1.49 0.00	24.32 1.67 -0.09	24.23 1.60 -0.10	25.89 1.90 -0.29	26.23 1.96 -0.14	34.83 2.42 -4.63	37.70 2.87 -2.57	43.12 2.71 0.00	48.55 2.75 0.00	47.37 1.87 0.00	41.76 1.80 0.00	35.91 2.26 0.00	33.43 1.71 0.00	29.20 1.39 0.00
WEST CANADA___HYD 24049	33.76 0.03 0.00	29.77 0.03 -0.20	27.36 0.03 -0.05	28.50 0.03 0.00	27.91 0.03 0.00	29.01 0.00 0.00	31.88 0.00 -0.19	27.48 0.00 -0.19	27.34 -0.03 0.00	22.80 -0.02 -0.08	22.13 -0.02 -0.31	22.69 -0.02 -0.16	22.59 -0.02 -0.08	23.79 -0.02 -0.11	24.37 -0.02 -0.26	27.94 -0.03 -0.19	32.49 0.00 -0.23	40.42 0.00 0.00	46.11 0.00 -0.30	45.95 0.00 -0.44	40.35 0.00 -0.39	34.02 0.00 -0.36	31.71 0.00 0.00	27.92 0.00 -0.11
WESTERN_NY_WIND 24143	34.43 0.71 0.00	29.82 0.27 0.00	27.21 -0.08 0.00	28.27 -0.20 0.00	27.72 -0.17 0.00	29.25 0.23 0.00	31.44 -0.25 0.00	26.30 -0.74 0.25	26.71 -0.47 0.19	22.44 -0.07 0.23	21.33 -0.11 0.40	22.29 -0.14 0.13	22.34 -0.16 0.03	23.14 -0.02 0.54	23.36 -0.14 0.64	27.26 -0.53 0.00	31.10 -1.16 0.00	39.32 -1.09 0.00	44.48 -1.33 0.00	44.51 -1.00 0.00	38.84 -1.12 0.00	32.33 -1.11 0.22	31.33 -0.38 0.00	27.78 -0.03 0.00
WESTOVER___LESR 323668	33.96 0.24 0.00	29.70 0.15 0.00	27.34 0.05 0.00	28.47 0.00 0.00	27.88 0.00 0.00	29.10 0.09 0.00	31.69 0.00 0.00	27.07 -0.16 0.06	27.21 -0.11 0.05	22.67 -0.02 0.06	21.72 -0.02 0.10	22.48 -0.05 0.03	22.50 -0.02 0.01	23.57 0.00 0.13	23.96 -0.02 0.15	27.70 -0.08 0.00	32.07 -0.19 0.00	40.29 -0.12 0.00	45.67 -0.24 0.00	45.37 -0.14 0.00	39.72 -0.24 0.00	33.37 -0.24 0.05	31.65 -0.06 0.00	27.78 -0.03 0.00
WETHRSFD_WT_PWR 323626	33.59 -0.13 0.00	29.14 -0.41 0.00	26.66 -0.63 0.00	27.64 -0.83 0.00	27.05 -0.84 0.00	28.52 -0.49 0.00	30.68 -1.02 0.00	25.65 -1.45 0.20	25.93 -1.29 0.15	21.84 -0.73 0.18	20.86 -0.68 0.31	21.74 -0.72 0.10	21.83 -0.68 0.03	22.70 -0.59 0.42	22.87 -0.77 0.49	26.78 -1.00 0.00	30.00 -2.26 0.00	37.87 -2.54 0.00	43.56 -2.24 0.00	43.10 -2.41 0.00	37.57 -2.40 0.00	31.51 -1.99 0.17	30.29 -1.43 0.00	26.86 -0.95 0.00
WHAVSTOR_138KV_BK127 55557	34.81 1.08 0.00	30.50 0.95 0.00	28.05 0.76 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.64 0.95 0.00	28.25 0.96 0.00	28.38 1.01 0.00	23.68 0.93 0.00	22.85 1.00 0.00	23.72 1.08 -0.08	23.72 1.10 -0.09	25.13 1.16 -0.27	25.45 1.18 -0.13	29.31 1.31 -0.22	34.44 1.58 -0.59	42.15 1.74 0.00	47.55 1.74 0.00	47.10 1.59 0.00	41.40 1.44 0.00	34.84 1.18 0.00	32.73 1.01 0.00	28.64 0.83 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.81 1.08 0.00	30.50 0.95 0.00	28.05 0.76 0.00	29.41 0.94 0.00	28.66 0.78 0.00	29.80 0.78 0.00	32.64 0.95 0.00	28.25 0.96 0.00	28.38 1.01 0.00	23.68 0.93 0.00	22.85 1.00 0.00	23.72 1.08 -0.08	23.72 1.10 -0.09	25.13 1.16 -0.27	25.45 1.18 -0.13	29.31 1.31 -0.22	34.44 1.58 -0.59	42.15 1.74 0.00	47.55 1.74 0.00	47.10 1.59 0.00	41.40 1.44 0.00	34.84 1.18 0.00	32.73 1.01 0.00	28.64 0.83 0.00
WHITEHAL_115KV_TB1 80871	34.77 1.05 0.00	30.52 0.98 0.00	28.24 0.96 0.00	29.44 0.97 0.00	28.94 1.06 0.00	30.09 1.07 0.00	32.71 1.01 0.00	27.98 0.68 0.00	28.43 1.07 0.00	23.36 0.61 0.00	22.04 0.20 0.05	22.60 0.09 0.05	22.47 0.00 0.06	23.51 -0.02 0.17	23.93 -0.12 0.08	27.84 0.19 0.14	31.72 -0.16 0.38	41.14 0.73 0.00	47.18 1.37 0.00	47.06 1.55 0.00	41.40 1.44 0.00	34.84 1.18 0.00	32.79 1.08 0.00	28.75 0.95 0.00
WHITEPLN_13_KV_LOAD 356215	35.31 1.59 0.00	30.91 1.36 0.00	28.41 1.12 0.00	29.69 1.22 0.00	28.94 1.06 0.00	30.09 1.07 0.00	32.93 1.24 0.00	28.49 1.20 0.00	28.65 1.29 0.00	23.95 1.21 0.00	23.20 1.35 0.00	24.11 1.47 -0.08	24.09 1.46 -0.10	25.55 1.56 -0.28	25.84 1.57 -0.14	29.72 1.69 -0.24	34.86 1.97 -0.63	42.60 2.18 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.88 1.92 0.00	35.21 1.55 0.00	33.11 1.40 0.00	28.92 1.11 0.00
WM_FLOYD_69_KV_BK2 356380	35.41 1.69 0.00	30.70 1.15 0.00	27.92 0.63 0.00	29.13 0.65 0.00	28.36 0.47 0.00	29.45 0.44 0.00	32.80 1.11 0.00	24.67 0.85 3.47	21.67 0.77 6.47	21.18 0.91 2.48	18.56 1.00 4.29	23.84 1.20 -0.09	23.75 1.13 -0.10	25.42 1.42 -0.29	25.78 1.50 -0.14	34.01 2.00 -4.23	37.17 2.52 -2.39	42.60 2.18 0.00	47.96 2.15 0.00	46.78 1.27 0.00	41.20 1.24 0.00	35.51 1.85 0.00	32.98 1.27 0.00	28.78 0.97 0.00
WOODARD__115KV_TB2 355635	33.42 -0.30 0.00	29.49 -0.30 -0.24	27.02 -0.33 -0.06	28.07 -0.40 0.00	27.52 -0.36 0.00	28.67 -0.35 0.00	31.50 -0.41 -0.22	27.01 -0.44 -0.15	26.90 -0.41 0.05	22.43 -0.34 -0.03	21.73 -0.37 -0.26	22.33 -0.38 -0.15	22.23 -0.38 -0.09	23.31 -0.38 0.01	23.86 -0.41 -0.13	27.53 -0.47 -0.22	31.96 -0.58 -0.28	39.77 -0.65 0.00	45.48 -0.69 -0.36	45.36 -0.68 -0.53	39.79 -0.64 -0.47	33.50 -0.54 -0.38	31.33 -0.38 0.00	27.58 -0.36 -0.14
WOODMERE_69_KV_BK1 55827	35.88 2.16 0.00	31.23 1.68 0.00	28.52 1.23 0.00	29.78 1.31 0.00	29.00 1.12 0.00	30.12 1.10 0.00	33.43 1.74 0.00	28.82 1.53 0.00	28.90 1.53 0.00	24.25 1.50 0.00	23.46 1.62 0.00	24.43 1.78 -0.09	24.36 1.73 -0.10	25.96 1.97 -0.29	26.31 2.03 -0.14	36.72 2.25 -6.68	38.34 2.61 -3.46	43.08 2.67 0.00	48.51 2.70 0.00	47.47 1.96 0.00	41.84 1.88 0.00	35.78 2.12 0.00	33.39 1.68 0.00	29.22 1.42 0.00
YORK___WARBASSE 23770	35.38 1.65 0.00	30.94 1.39 0.00	28.38 1.09 0.00	29.69 1.22 0.00	29.05 1.17 0.00	30.15 1.13 0.00	32.96 1.27 0.00	28.58 1.28 0.00	28.71 1.34 0.00	24.02 1.27 0.00	23.26 1.42 0.00	24.16 1.51 -0.09	24.16 1.53 -0.10	25.61 1.61 -0.29	25.90 1.62 -0.14	29.72 1.69 -0.25	35.07 2.16 -0.65	42.80 2.38 0.00	48.14 2.34 0.00	47.65 2.14 0.00	41.96 2.00 0.00	35.27 1.62 0.00	33.17 1.46 0.00	29.06 1.25 0.00