

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

03/23/2025

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	39.52	36.59	36.09	36.32	37.17	38.71	46.48	52.01	43.45	37.18	34.35	32.12	30.92	29.49	28.21	28.44	32.79	43.28	55.64	67.25	62.60	50.75	42.91	38.31
24138	1.66	1.44	1.39	1.33	1.29	1.38	2.13	2.43	2.07	1.84	1.73	1.73	1.53	1.48	1.42	1.56	1.59	2.14	2.85	3.62	3.32	2.64	2.20	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	39.63	36.51	35.98	36.21	37.14	38.52	46.21	51.87	43.28	37.01	34.13	31.82	30.75	29.33	28.08	28.30	32.67	43.16	55.59	66.93	62.36	50.71	42.91	38.35
24260	1.78	1.37	1.28	1.22	1.26	1.19	1.86	2.28	1.90	1.66	1.50	1.43	1.35	1.32	1.29	1.42	1.47	2.02	2.80	3.31	3.08	2.60	2.20	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	39.63	36.51	35.98	36.21	37.14	38.52	46.21	51.87	43.28	37.01	34.13	31.82	30.75	29.33	28.08	28.30	32.67	43.16	55.59	66.93	62.36	50.71	42.91	38.35
24261	1.78	1.37	1.28	1.22	1.26	1.19	1.86	2.28	1.90	1.66	1.50	1.43	1.35	1.32	1.29	1.42	1.47	2.02	2.80	3.31	3.08	2.60	2.20	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.90	36.97	36.47	36.95	37.89	39.53	47.14	52.86	43.28	36.58	33.38	30.88	29.90	28.37	27.14	27.36	32.07	42.96	55.80	67.70	62.90	51.04	43.12	38.65
24011	2.04	1.83	1.77	1.96	2.01	2.20	2.79	3.27	1.90	1.24	0.75	0.49	0.50	0.36	0.35	0.48	0.87	1.81	3.01	4.07	3.62	2.93	2.40	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.93	37.04	36.50	37.02	37.96	39.60	47.19	52.96	43.41	36.69	33.51	31.03	30.01	28.46	27.22	27.44	32.14	43.12	56.07	67.82	63.25	51.28	43.28	38.79
23798	2.08	1.90	1.80	2.03	2.08	2.28	2.84	3.37	2.03	1.34	0.88	0.64	0.62	0.45	0.43	0.57	0.94	1.97	3.27	4.20	3.97	3.17	2.57	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.90	36.97	36.47	36.95	37.89	39.53	47.14	52.86	43.28	36.58	33.38	30.88	29.90	28.37	27.14	27.36	32.07	42.96	55.80	67.70	62.90	51.04	43.12	38.65
24028	2.04	1.83	1.77	1.96	2.01	2.20	2.79	3.27	1.90	1.24	0.75	0.49	0.50	0.36	0.35	0.48	0.87	1.81	3.01	4.07	3.62	2.93	2.40	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	39.21	36.13	35.53	35.76	36.67	38.22	45.81	51.37	42.62	36.47	33.60	31.27	30.22	28.82	27.63	27.90	32.23	42.59	54.96	66.04	61.47	50.13	42.63	38.31
23527	1.36	0.98	0.83	0.77	0.79	0.89	1.46	1.78	1.24	1.13	0.98	0.88	0.82	0.81	0.83	1.02	1.03	1.44	2.17	2.42	2.19	2.02	1.91	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	38.15	35.28	34.80	35.06	35.92	37.40	44.61	49.98	41.46	35.56	32.82	30.57	29.57	28.21	27.01	27.09	31.45	41.39	53.37	64.26	59.87	48.73	41.28	37.14
24190	0.30	0.14	0.10	0.07	0.04	0.07	0.27	0.40	0.08	0.21	0.20	0.18	0.18	0.20	0.21	0.22	0.25	0.25	0.58	0.64	0.59	0.63	0.57	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	37.59	35.00	34.56	34.85	35.74	37.22	44.08	49.58	41.30	35.20	32.63	30.39	29.40	28.04	26.85	26.85	31.20	41.31	53.11	63.88	59.58	48.44	40.92	36.88
355683	-0.26	-0.14	-0.14	-0.14	-0.14	-0.11	-0.27	0.00	-0.08	-0.14	0.00	0.00	0.00	0.03	0.05	-0.03	0.00	0.16	0.32	0.25	0.30	0.34	0.20	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	38.80	35.92	35.43	35.76	36.64	38.19	45.46	50.82	41.96	35.70	32.89	30.60	29.57	28.21	27.03	27.12	31.48	41.80	54.11	65.28	60.88	49.55	41.98	37.77
323833	0.95	0.77	0.73	0.77	0.75	0.86	1.11	1.24	0.58	0.35	0.26	0.21	0.18	0.20	0.24	0.24	0.28	0.66	1.32	1.65	1.60	1.44	1.26	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	38.80	35.92	35.43	35.76	36.64	38.15	45.46	50.77	41.91	35.70	32.89	30.60	29.57	28.21	27.01	27.12	31.48	41.76	54.11	65.28	60.88	49.50	41.93	37.77
323834	0.95	0.77	0.73	0.77	0.75	0.82	1.11	1.19	0.54	0.35	0.26	0.21	0.18	0.20	0.21	0.24	0.28	0.62	1.32	1.65	1.60	1.40	1.22	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	38.15	35.28	34.80	35.06	35.92	37.40	44.61	49.98	41.46	35.56	32.82	30.57	29.57	28.21	27.01	27.09	31.45	41.39	53.37	64.26	59.87	48.73	41.28	37.14
23571	0.30	0.14	0.10	0.07	0.04	0.07	0.27	0.40	0.08	0.21	0.20	0.18	0.18	0.20	0.21	0.22	0.25	0.25	0.58	0.64	0.59	0.63	0.57	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	38.15 0.30 0.00	35.28 0.14 0.00	34.80 0.10 0.00	35.06 0.07 0.00	35.92 0.04 0.00	37.40 0.07 0.00	44.61 0.27 0.00	49.98 0.40 0.00	41.46 0.08 0.00	35.56 0.21 0.00	32.82 0.20 0.00	30.57 0.18 0.00	29.57 0.18 0.00	28.21 0.20 0.00	27.01 0.21 0.00	27.09 0.22 0.00	31.45 0.25 0.00	41.39 0.25 0.00	53.37 0.58 0.00	64.26 0.64 0.00	59.87 0.59 0.00	48.73 0.63 0.00	41.28 0.57 0.00	37.14 0.44 0.00
ALBANY___3 23573	38.15 0.30 0.00	35.28 0.14 0.00	34.80 0.10 0.00	35.06 0.07 0.00	35.92 0.04 0.00	37.40 0.07 0.00	44.61 0.27 0.00	49.98 0.40 0.00	41.46 0.08 0.00	35.56 0.21 0.00	32.82 0.20 0.00	30.57 0.18 0.00	29.57 0.18 0.00	28.21 0.20 0.00	27.01 0.21 0.00	27.09 0.22 0.00	31.45 0.25 0.00	41.39 0.25 0.00	53.37 0.58 0.00	64.26 0.64 0.00	59.87 0.59 0.00	48.73 0.63 0.00	41.28 0.57 0.00	37.14 0.44 0.00
ALBANY___4 23574	38.15 0.30 0.00	35.28 0.14 0.00	34.80 0.10 0.00	35.06 0.07 0.00	35.92 0.04 0.00	37.40 0.07 0.00	44.61 0.27 0.00	49.98 0.40 0.00	41.46 0.08 0.00	35.56 0.21 0.00	32.82 0.20 0.00	30.57 0.18 0.00	29.57 0.18 0.00	28.21 0.20 0.00	27.01 0.21 0.00	27.09 0.22 0.00	31.45 0.25 0.00	41.39 0.25 0.00	53.37 0.58 0.00	64.26 0.64 0.00	59.87 0.59 0.00	48.73 0.63 0.00	41.28 0.57 0.00	37.14 0.44 0.00
ALBANY___LFGE 323615	38.42 0.57 0.00	35.53 0.39 0.00	35.01 0.31 0.00	35.34 0.35 0.00	36.21 0.32 0.00	37.70 0.37 0.00	44.97 0.62 0.00	50.33 0.74 0.00	41.79 0.41 0.00	35.80 0.46 0.00	33.08 0.46 0.00	30.82 0.43 0.00	29.81 0.41 0.00	28.40 0.39 0.00	27.17 0.37 0.00	27.31 0.43 0.00	31.64 0.44 0.00	41.72 0.58 0.00	53.79 1.00 0.00	64.77 1.15 0.00	60.35 1.07 0.00	49.12 1.01 0.00	41.61 0.89 0.00	37.43 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	39.10 -0.19 -1.44	36.42 -0.07 -1.35	35.99 -0.03 -1.33	36.26 -0.07 -1.34	37.17 -0.07 -1.36	38.52 0.00 -1.19	44.17 -0.18 0.00	49.68 0.10 0.00	41.38 0.00 0.00	35.24 -0.11 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.43 0.03 0.00	28.07 0.06 0.00	26.85 0.05 0.00	26.85 -0.03 0.00	31.23 0.03 0.00	41.39 0.25 0.00	53.27 0.48 0.00	64.07 0.45 0.00	59.75 0.47 0.00	48.59 0.48 0.00	41.04 0.33 0.00	36.99 0.29 0.00
ALCOA_RYNLDS___DRP 24188	39.10 -0.19 -1.44	36.42 -0.07 -1.35	35.99 -0.03 -1.33	36.26 -0.07 -1.34	37.17 -0.07 -1.36	38.52 0.00 -1.19	44.17 -0.18 0.00	49.68 0.10 0.00	41.38 0.00 0.00	35.24 -0.11 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.43 0.03 0.00	28.07 0.06 0.00	26.85 0.05 0.00	26.85 -0.03 0.00	31.23 0.03 0.00	41.39 0.25 0.00	53.27 0.48 0.00	64.07 0.45 0.00	59.75 0.47 0.00	48.59 0.48 0.00	41.04 0.33 0.00	36.99 0.29 0.00
ALCOA___DSASP 323711	39.10 -0.19 -1.44	36.42 -0.07 -1.35	35.99 -0.03 -1.33	36.26 -0.07 -1.34	37.17 -0.07 -1.36	38.52 0.00 -1.19	44.17 -0.18 0.00	49.68 0.10 0.00	41.42 0.04 0.00	35.24 -0.11 0.00	32.66 0.03 0.00	30.45 0.06 0.00	29.43 0.03 0.00	28.07 0.06 0.00	26.85 0.05 0.00	26.85 -0.03 0.00	31.23 0.03 0.00	41.40 0.25 0.00	53.27 0.47 0.00	64.07 0.45 0.00	59.70 0.42 0.00	48.59 0.48 0.00	41.04 0.32 0.00	36.99 0.29 0.00
ALLEGHENY___COGEN 23514	38.57 0.72 0.00	36.20 1.05 0.00	35.84 1.14 0.00	36.32 1.33 0.00	37.42 1.54 0.00	38.82 1.49 0.00	45.46 1.11 0.00	49.78 0.20 0.00	41.59 0.21 0.00	34.99 -0.35 0.00	31.91 -0.72 0.00	29.66 -0.73 0.00	28.51 -0.88 0.00	27.03 -0.98 0.00	25.88 -0.91 0.00	25.99 -0.89 0.00	30.45 -0.75 0.00	40.45 -0.70 0.00	52.53 -0.26 0.00	64.20 0.57 0.00	59.87 0.59 0.00	47.77 -0.33 0.00	40.39 -0.33 0.00	36.81 0.11 0.00
ALTAMONT_115KV_TB 2 55880	38.50 0.64 0.00	35.64 0.49 0.00	35.15 0.45 0.00	35.41 0.42 0.00	36.31 0.43 0.00	37.78 0.45 0.00	45.06 0.71 0.00	50.43 0.84 0.00	41.92 0.54 0.00	35.80 0.46 0.00	33.02 0.39 0.00	30.75 0.36 0.00	29.78 0.38 0.00	28.37 0.36 0.00	27.17 0.38 0.00	27.28 0.40 0.00	31.64 0.44 0.00	41.76 0.62 0.00	53.80 1.00 0.00	64.83 1.21 0.00	60.35 1.07 0.00	49.12 1.01 0.00	41.61 0.90 0.00	37.40 0.70 0.00
ALTONA_WT_PWR 323606	-6.85 -1.82 42.88	-6.82 -1.69 40.28	-6.75 -1.77 39.69	-6.72 -1.82 39.89	-6.68 -1.94 40.62	-0.38 -2.05 35.65	41.95 -2.40 0.00	47.85 -1.74 0.00	40.14 -1.24 0.00	34.35 -0.99 0.00	32.20 -0.43 0.00	30.15 -0.24 0.00	29.22 -0.18 0.00	27.95 -0.06 0.00	26.87 0.08 0.00	27.04 0.16 0.00	31.64 0.44 0.00	42.13 0.99 0.00	54.53 1.74 0.00	64.77 1.15 0.00	60.35 1.07 0.00	49.89 1.78 0.00	41.93 1.22 0.00	37.62 0.92 0.00
AMERICAN_REF_FUEL 24010	36.19 -1.66 0.00	33.95 -1.20 0.00	33.66 -1.04 0.00	34.01 -0.98 0.00	34.95 -0.93 0.00	36.13 -1.20 0.00	41.82 -2.53 0.00	45.47 -4.11 0.00	39.10 -2.28 0.00	33.05 -2.30 0.00	30.51 -2.12 0.00	28.63 -1.76 0.00	27.63 -1.76 0.00	26.16 -1.85 0.00	25.03 -1.77 0.00	24.97 -1.91 0.00	29.05 -2.15 0.00	37.85 -3.29 0.00	47.99 -4.80 0.00	57.64 -5.98 0.00	53.47 -5.81 0.00	42.87 -5.24 0.00	36.85 -3.87 0.00	34.20 -2.50 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.19 0.34 0.00	35.99 0.84 0.00	35.74 1.04 0.00	36.14 1.15 0.00	37.21 1.33 0.00	38.56 1.23 0.00	44.92 0.58 0.00	49.29 -0.30 0.00	42.37 0.99 0.00	35.77 0.43 0.00	33.05 0.42 0.00	30.91 0.52 0.00	29.78 0.38 0.00	28.15 0.14 0.00	26.87 0.08 0.00	26.77 -0.11 0.00	31.08 -0.12 0.00	40.41 -0.74 0.00	51.16 -1.64 0.00	61.27 -2.35 0.00	56.26 -3.02 0.00	44.69 -3.41 0.00	37.94 -2.77 0.00	34.98 -1.72 0.00
ARTHUR KILL_GT_1 23520	54.84 1.93 -15.05	54.14 1.02 -17.97	53.44 0.94 -17.80	54.10 1.40 -17.71	53.44 1.36 -16.20	54.14 1.45 -15.36	54.11 1.46 -8.30	57.41 1.84 -5.99	57.54 1.57 -14.59	55.08 1.42 -18.32	54.10 1.79 -19.68	54.09 1.85 -21.85	54.09 1.15 -23.55	54.08 1.09 -24.98	54.08 1.07 -26.22	54.08 1.18 -26.02	54.12 1.53 -21.39	58.10 1.65 -15.31	59.44 2.27 -4.38	66.41 2.80 0.01	63.65 2.61 -1.77	58.12 2.11 -7.90	56.47 1.71 -14.05	54.87 1.80 -16.37
ARTHUR_KILL_2 23512	54.76 1.85 -15.05	54.03 0.91 -17.97	53.37 0.87 -17.80	54.03 1.33 -17.71	53.37 1.29 -16.20	54.03 1.34 -15.36	54.03 1.38 -8.30	57.26 1.69 -5.99	57.42 1.45 -14.59	55.01 1.34 -18.32	54.03 1.73 -19.68	54.03 1.79 -21.85	54.03 1.09 -23.55	54.03 1.04 -24.98	54.03 1.02 -26.22	54.03 1.13 -26.02	54.03 1.44 -21.39	57.98 1.52 -15.31	59.29 2.11 -4.38	66.23 2.61 0.01	63.48 2.43 -1.77	57.98 1.97 -7.90	56.35 1.59 -14.05	54.76 1.69 -16.37
ARTHUR_KILL_3 23513	54.19 1.29 -15.05	54.20 1.09 -17.97	53.53 1.04 -17.80	53.60 0.91 -17.70	52.93 0.86 -16.19	53.61 0.93 -15.35	54.29 1.64 -8.30	57.40 1.84 -5.98	57.53 1.57 -14.58	55.07 1.42 -18.32	53.63 1.34 -19.67	53.60 1.37 -21.84	54.20 1.26 -23.54	54.22 1.23 -24.98	54.21 1.21 -26.21	54.21 1.32 -26.02	53.87 1.28 -21.39	58.14 1.69 -15.30	59.40 2.22 -4.39	66.49 2.87 0.00	63.66 2.61 -1.78	58.11 2.11 -7.89	56.55 1.79 -14.04	54.31 1.25 -16.36

ARTHUR_KILL_COGEN 323718	54.84 1.93 -15.05	54.14 1.02 -17.97	53.44 0.94 -17.80	54.10 1.40 -17.71	53.44 1.36 -16.20	54.14 1.45 -15.36	54.11 1.46 -8.30	57.41 1.84 -5.99	57.54 1.57 -14.59	55.08 1.42 -18.32	54.10 1.79 -19.68	54.09 1.85 -21.85	54.09 1.15 -23.55	54.08 1.09 -24.98	54.08 1.07 -26.22	54.08 1.18 -26.02	54.12 1.53 -21.39	58.10 1.65 -15.31	59.44 2.27 -4.38	66.41 2.80 0.01	63.65 2.61 -1.77	58.12 2.11 -7.90	56.47 1.71 -14.05	54.87 1.80 -16.37
ASHOKAN____ 23654	39.82 1.97 0.00	36.80 1.65 0.00	36.22 1.53 0.00	36.63 1.64 0.00	37.53 1.65 0.00	39.05 1.72 0.00	46.48 2.13 0.00	51.96 2.38 0.00	42.91 1.53 0.00	36.40 1.06 0.00	33.41 0.78 0.00	31.00 0.61 0.00	29.86 0.47 0.00	28.46 0.45 0.00	27.36 0.56 0.00	27.50 0.62 0.00	31.86 0.66 0.00	42.71 1.56 0.00	55.33 2.53 0.00	67.06 3.43 0.00	62.48 3.20 0.00	50.56 2.45 0.00	42.91 2.20 0.00	38.57 1.87 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.38 1.52 -0.01	36.38 1.23 -0.01	35.85 1.14 -0.01	36.15 1.15 -0.01	36.81 0.93 0.01	38.33 1.01 0.01	45.89 1.55 0.01	51.41 1.84 0.01	42.98 1.61 0.01	36.82 1.48 0.01	34.18 1.57 0.01	31.96 1.58 0.01	30.65 1.26 0.01	29.23 1.23 0.01	27.99 1.21 0.01	28.19 1.32 0.01	32.60 1.41 0.01	42.87 1.73 0.01	55.11 2.32 0.01	66.41 2.80 0.01	61.94 2.67 0.01	50.27 2.17 0.01	42.46 1.75 0.01	38.09 1.39 0.01
ASTORIA_EAST_ENERGY_CC2 323582	39.38 1.52 -0.01	36.38 1.23 -0.01	35.85 1.14 -0.01	36.15 1.15 -0.01	36.81 0.93 0.01	38.33 1.01 0.01	45.89 1.55 0.01	51.41 1.84 0.01	42.98 1.61 0.01	36.82 1.48 0.01	34.18 1.57 0.01	31.96 1.58 0.01	30.65 1.26 0.01	29.23 1.23 0.01	27.99 1.21 0.01	28.19 1.32 0.01	32.60 1.41 0.01	42.87 1.73 0.01	55.11 2.32 0.01	66.41 2.80 0.01	61.94 2.67 0.01	50.27 2.17 0.01	42.46 1.75 0.01	38.09 1.39 0.01
ASTORIA_GT2_1 24094	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01
ASTORIA_GT2_2 24095	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01
ASTORIA_GT2_3 24096	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01
ASTORIA_GT2_4 24097	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01
ASTORIA_GT3_1 24098	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01
ASTORIA_GT3_2 24099	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01
ASTORIA_GT3_3 24100	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01
ASTORIA_GT3_4 24101	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01
ASTORIA_GT4_1 24102	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01
ASTORIA_GT4_2 24103	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01
ASTORIA_GT4_3 24104	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01

ASTORIA_GT4_4 24105	39.41 1.55 -0.01	36.31 1.16 -0.01	35.82 1.11 -0.01	36.05 1.05 -0.01	36.89 1.00 0.00	38.30 0.97 0.00	45.89 1.55 0.01	51.56 1.98 0.01	43.07 1.70 0.01	36.89 1.56 0.01	34.05 1.44 0.01	31.75 1.37 0.01	30.68 1.29 0.01	29.23 1.23 0.01	28.02 1.23 0.01	28.24 1.37 0.01	32.60 1.40 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.46 2.36 0.01	42.70 2.00 0.01	38.12 1.43 0.01
ASTORIA_GT_1 23523	39.45 1.59 -0.01	36.45 1.30 -0.01	35.92 1.21 -0.01	36.22 1.22 -0.01	36.88 1.00 0.01	38.40 1.08 0.01	45.98 1.64 0.01	51.56 1.99 0.01	43.07 1.70 0.01	36.89 1.55 0.01	34.25 1.63 0.01	32.02 1.64 0.01	30.71 1.32 0.01	29.29 1.29 0.01	28.05 1.26 0.01	28.24 1.37 0.01	32.66 1.47 0.01	42.99 1.85 0.01	55.27 2.48 0.01	66.61 2.99 0.01	62.06 2.79 0.01	50.36 2.26 0.01	42.54 1.83 0.01	38.16 1.47 0.01
ASTORIA_GT_10 24110	39.64 1.78 -0.01	37.21 1.41 -0.66	36.03 1.32 -0.01	36.26 1.26 -0.01	37.14 1.26 0.00	38.52 1.19 0.00	46.48 1.82 -0.31	52.09 2.28 -0.23	43.78 1.86 -0.54	37.68 1.66 -0.68	34.85 1.50 -0.73	32.62 1.43 -0.81	32.23 1.35 -1.48	33.14 1.29 -3.84	29.07 1.31 -0.96	29.26 1.42 -0.96	33.46 1.47 -0.79	45.63 2.02 -2.46	56.96 2.75 -1.42	66.68 3.05 0.00	62.18 2.90 0.00	51.97 2.60 -1.27	43.43 2.20 -0.52	38.96 1.65 -0.61
ASTORIA_GT_11 24225	39.64 1.78 -0.01	37.21 1.41 -0.66	36.03 1.32 -0.01	36.26 1.26 -0.01	37.14 1.26 0.00	38.52 1.19 0.00	46.48 1.82 -0.31	52.09 2.28 -0.23	43.78 1.86 -0.54	37.68 1.66 -0.68	34.85 1.50 -0.73	32.62 1.43 -0.81	32.23 1.35 -1.48	33.14 1.29 -3.84	29.07 1.31 -0.96	29.26 1.42 -0.96	33.46 1.47 -0.79	45.63 2.02 -2.46	56.96 2.75 -1.42	66.68 3.05 0.00	62.18 2.90 0.00	51.97 2.60 -1.27	43.43 2.20 -0.52	38.96 1.65 -0.61
ASTORIA_GT_12 24226	39.64 1.78 -0.01	37.21 1.41 -0.66	36.03 1.32 -0.01	36.26 1.26 -0.01	37.14 1.26 0.00	38.52 1.19 0.00	46.48 1.82 -0.31	52.09 2.28 -0.23	43.78 1.86 -0.54	37.68 1.66 -0.68	34.85 1.50 -0.73	32.62 1.43 -0.81	32.23 1.35 -1.48	33.14 1.29 -3.84	29.07 1.31 -0.96	29.26 1.42 -0.96	33.46 1.47 -0.79	45.63 2.02 -2.46	56.96 2.75 -1.42	66.68 3.05 0.00	62.18 2.90 0.00	51.97 2.60 -1.27	43.43 2.20 -0.52	38.96 1.65 -0.61
ASTORIA_GT_13 24227	39.64 1.78 -0.01	37.21 1.41 -0.66	36.03 1.32 -0.01	36.26 1.26 -0.01	37.14 1.26 0.00	38.52 1.19 0.00	46.48 1.82 -0.31	52.09 2.28 -0.23	43.78 1.86 -0.54	37.68 1.66 -0.68	34.85 1.50 -0.73	32.62 1.43 -0.81	32.23 1.35 -1.48	33.14 1.29 -3.84	29.07 1.31 -0.96	29.26 1.42 -0.96	33.46 1.47 -0.79	45.63 2.02 -2.46	56.96 2.75 -1.42	66.68 3.05 0.00	62.18 2.90 0.00	51.97 2.60 -1.27	43.43 2.20 -0.52	38.96 1.65 -0.61
ASTORIA_GT_5 24106	39.45 1.59 -0.01	36.38 1.23 -0.01	35.85 1.15 -0.01	36.08 1.08 -0.01	36.96 1.08 0.00	38.34 1.01 0.00	45.98 1.64 0.01	51.66 2.08 0.01	43.15 1.78 0.01	36.93 1.59 0.01	34.12 1.50 0.01	31.81 1.43 0.01	30.74 1.35 0.01	29.29 1.29 0.01	28.07 1.29 0.01	28.27 1.40 0.01	32.66 1.47 0.01	43.07 1.93 0.01	55.42 2.64 0.01	66.55 2.93 0.00	62.07 2.79 0.00	50.55 2.45 0.01	42.74 2.04 0.01	38.16 1.47 0.01
ASTORIA_GT_7 24107	39.45 1.59 -0.01	36.38 1.23 -0.01	35.85 1.15 -0.01	36.08 1.08 -0.01	36.96 1.08 0.00	38.34 1.01 0.00	45.98 1.64 0.01	51.66 2.08 0.01	43.15 1.78 0.01	36.93 1.59 0.01	34.12 1.50 0.01	31.81 1.43 0.01	30.74 1.35 0.01	29.29 1.29 0.01	28.07 1.29 0.01	28.27 1.40 0.01	32.66 1.47 0.01	43.07 1.93 0.01	55.42 2.64 0.01	66.55 2.93 0.00	62.07 2.79 0.00	50.55 2.45 0.01	42.74 2.04 0.01	38.16 1.47 0.01
ASTORIA_GT_8 24108	39.45 1.59 -0.01	36.38 1.23 -0.01	35.85 1.15 -0.01	36.08 1.08 -0.01	36.96 1.08 0.00	38.34 1.01 0.00	45.98 1.64 0.01	51.66 2.08 0.01	43.15 1.78 0.01	36.93 1.59 0.01	34.12 1.50 0.01	31.81 1.43 0.01	30.74 1.35 0.01	29.29 1.29 0.01	28.07 1.29 0.01	28.27 1.40 0.01	32.66 1.47 0.01	43.07 1.93 0.01	55.42 2.64 0.01	66.55 2.93 0.00	62.07 2.79 0.00	50.55 2.45 0.01	42.74 2.04 0.01	38.16 1.47 0.01
ASTORIA___2 24149	39.38 1.52 -0.01	36.38 1.23 -0.01	35.89 1.18 -0.01	36.15 1.15 -0.01	36.84 0.97 0.01	38.36 1.04 0.01	45.94 1.59 0.01	51.46 1.88 0.01	42.98 1.61 0.01	36.82 1.48 0.01	34.22 1.60 0.01	31.96 1.58 0.01	30.68 1.29 0.01	29.23 1.23 0.01	27.99 1.21 0.01	28.19 1.32 0.01	32.63 1.44 0.01	42.91 1.77 0.01	55.16 2.38 0.01	66.48 2.87 0.01	61.94 2.67 0.01	50.31 2.21 0.01	42.50 1.79 0.01	38.12 1.43 0.01
ASTORIA___3 23516	39.60 1.74 -0.01	37.11 1.30 -0.66	35.95 1.25 -0.01	36.25 1.26 -0.01	37.07 1.18 0.00	38.60 1.27 0.00	46.52 1.86 -0.31	51.94 2.13 -0.23	43.74 1.82 -0.54	37.65 1.63 -0.68	35.02 1.66 -0.73	32.84 1.64 -0.81	32.23 1.35 -1.48	33.17 1.32 -3.84	29.05 1.29 -0.96	29.21 1.37 -0.96	33.49 1.50 -0.79	45.55 1.93 -2.46	56.80 2.59 -1.42	66.74 3.12 0.00	62.18 2.90 0.00	51.78 2.40 -1.27	43.23 1.99 -0.52	38.96 1.65 -0.61
ASTORIA___4 23517	39.64 1.78 -0.01	37.21 1.41 -0.66	36.03 1.32 -0.01	36.26 1.26 -0.01	37.14 1.26 0.00	38.52 1.19 0.00	46.48 1.82 -0.31	52.09 2.28 -0.23	43.78 1.86 -0.54	37.68 1.66 -0.68	34.85 1.50 -0.73	32.62 1.43 -0.81	32.23 1.35 -1.48	33.14 1.29 -3.84	29.07 1.31 -0.96	29.26 1.42 -0.96	33.46 1.47 -0.79	45.63 2.02 -2.46	56.96 2.75 -1.42	66.68 3.05 0.00	62.18 2.90 0.00	51.97 2.60 -1.27	43.43 2.20 -0.52	38.96 1.65 -0.61
ASTORIA___5 23518	39.60 1.74 -0.01	37.11 1.30 -0.66	35.95 1.25 -0.01	36.25 1.26 -0.01	37.07 1.18 0.00	38.60 1.27 0.00	46.52 1.86 -0.31	51.94 2.13 -0.23	43.74 1.82 -0.54	37.65 1.63 -0.68	35.02 1.66 -0.73	32.84 1.64 -0.81	32.23 1.35 -1.48	33.17 1.32 -3.84	29.05 1.29 -0.96	29.21 1.37 -0.96	33.49 1.50 -0.79	45.55 1.93 -2.46	56.80 2.59 -1.42	66.74 3.12 0.00	62.18 2.90 0.00	51.78 2.40 -1.27	43.23 1.99 -0.52	38.96 1.65 -0.61
AST_ENERGY_2_CC3 323677	39.44 1.59 0.00	36.37 1.23 0.00	35.91 1.21 0.00	36.11 1.12 0.00	37.00 1.11 0.00	38.49 1.16 0.00	46.17 1.82 0.00	51.62 2.03 0.00	43.12 1.74 0.00	36.90 1.55 0.00	34.13 1.50 0.00	31.88 1.49 0.00	30.72 1.32 0.00	29.30 1.29 0.00	28.03 1.23 0.00	28.25 1.37 0.00	32.57 1.37 0.00	42.87 1.73 0.00	55.11 2.32 0.00	66.55 2.93 0.00	62.01 2.73 0.00	50.32 2.21 0.00	42.55 1.83 0.00	38.10 1.39 0.00
AST_ENERGY_2_CC4 323678	39.44 1.59 0.00	36.37 1.23 0.00	35.91 1.21 0.00	36.11 1.12 0.00	37.00 1.11 0.00	38.49 1.16 0.00	46.17 1.82 0.00	51.62 2.03 0.00	43.12 1.74 0.00	36.90 1.55 0.00	34.13 1.50 0.00	31.88 1.49 0.00	30.72 1.32 0.00	29.30 1.29 0.00	28.03 1.23 0.00	28.25 1.37 0.00	32.57 1.37 0.00	42.87 1.73 0.00	55.11 2.32 0.00	66.55 2.93 0.00	62.01 2.73 0.00	50.32 2.21 0.00	42.55 1.83 0.00	38.10 1.39 0.00

ATHENS_STG_1 23668	38.72 0.87 0.00	35.78 0.63 0.00	35.29 0.59 0.00	35.55 0.56 0.00	36.46 0.57 0.00	37.92 0.60 0.00	45.32 0.97 0.00	50.67 1.09 0.00	42.25 0.87 0.00	36.09 0.74 0.00	33.34 0.72 0.00	31.06 0.67 0.00	30.07 0.68 0.00	28.65 0.64 0.00	27.44 0.64 0.00	27.55 0.67 0.00	31.86 0.66 0.00	42.05 0.90 0.00	54.06 1.26 0.00	65.15 1.52 0.00	60.76 1.48 0.00	49.41 1.30 0.00	41.81 1.10 0.00	37.58 0.88 0.00
ATHENS_STG_2 23670	38.72 0.87 0.00	35.78 0.63 0.00	35.29 0.59 0.00	35.55 0.56 0.00	36.46 0.57 0.00	37.92 0.60 0.00	45.32 0.97 0.00	50.67 1.09 0.00	42.25 0.87 0.00	36.09 0.74 0.00	33.34 0.72 0.00	31.06 0.67 0.00	30.07 0.68 0.00	28.65 0.64 0.00	27.44 0.64 0.00	27.55 0.67 0.00	31.86 0.66 0.00	42.05 0.90 0.00	54.06 1.26 0.00	65.15 1.52 0.00	60.76 1.48 0.00	49.41 1.30 0.00	41.81 1.10 0.00	37.58 0.88 0.00
ATHENS_STG_3 23677	38.72 0.87 0.00	35.78 0.63 0.00	35.29 0.59 0.00	35.55 0.56 0.00	36.46 0.57 0.00	37.92 0.60 0.00	45.32 0.97 0.00	50.67 1.09 0.00	42.25 0.87 0.00	36.09 0.74 0.00	33.34 0.72 0.00	31.06 0.67 0.00	30.07 0.68 0.00	28.65 0.64 0.00	27.44 0.64 0.00	27.55 0.67 0.00	31.86 0.66 0.00	42.05 0.90 0.00	54.06 1.26 0.00	65.15 1.52 0.00	60.76 1.48 0.00	49.41 1.30 0.00	41.81 1.10 0.00	37.58 0.88 0.00
AUBURN___LFGE 323710	38.04 0.19 0.00	35.50 0.35 0.00	35.08 0.38 0.00	35.37 0.38 0.00	36.28 0.39 0.00	37.74 0.41 0.00	44.75 0.40 0.00	49.73 0.15 0.00	41.71 0.33 0.00	35.59 0.25 0.00	32.76 0.13 0.00	30.51 0.12 0.00	29.43 0.03 0.00	27.98 -0.03 0.00	26.69 -0.11 0.00	26.82 -0.05 0.00	31.23 0.03 0.00	41.23 0.08 0.00	52.74 -0.05 0.00	63.69 0.06 0.00	59.28 0.00 0.00	47.87 -0.24 0.00	40.43 -0.28 0.00	36.59 -0.11 0.00
BABYLON_RES_REC 323704	39.56 1.70 0.00	36.37 1.23 0.00	35.88 1.18 0.00	35.93 0.95 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.48 2.13 0.00	51.47 1.88 0.00	42.79 1.41 0.00	36.43 1.10 0.01	33.73 1.11 0.01	31.38 1.00 0.01	30.24 0.85 0.01	28.92 0.92 0.01	27.79 0.99 0.00	28.09 1.21 0.00	32.42 1.22 0.00	43.00 1.85 0.00	55.48 2.69 0.00	67.12 3.50 0.00	62.54 3.26 0.00	51.28 3.17 0.00	43.24 2.53 0.00	38.61 1.91 0.00
BABYLON__69_KV_BK2 356345	40.01 2.16 0.00	36.62 1.48 0.00	36.09 1.39 0.00	36.25 1.26 0.00	37.35 1.47 0.00	38.82 1.49 0.00	46.74 2.39 0.00	52.06 2.48 0.00	42.99 1.61 0.00	36.62 1.27 0.00	33.77 1.14 0.00	31.39 1.00 0.00	30.28 0.88 0.00	28.99 0.98 0.00	27.89 1.10 0.00	28.33 1.45 0.00	32.70 1.50 0.00	43.29 2.14 0.00	55.96 3.17 0.00	67.76 4.14 0.00	62.96 3.68 0.00	51.67 3.56 0.00	43.69 2.97 0.00	38.94 2.24 0.00
BALL_HILL_WT_PWR 323825	37.85 0.00 0.00	35.60 0.46 0.00	35.29 0.59 0.00	35.69 0.70 0.00	36.71 0.83 0.00	38.00 0.67 0.00	44.30 -0.04 0.00	48.54 -1.04 0.00	41.71 0.33 0.00	35.20 -0.14 0.00	32.53 -0.10 0.00	30.42 0.03 0.00	29.34 -0.06 0.00	27.76 -0.25 0.00	26.50 -0.29 0.00	26.45 -0.43 0.00	30.73 -0.47 0.00	40.04 -1.11 0.00	50.84 -1.95 0.00	61.14 -2.48 0.00	56.49 -2.79 0.00	45.03 -3.08 0.00	38.35 -2.36 0.00	35.38 -1.32 0.00
BARON_WINDS___WT_PWR 323822	37.13 -0.72 0.00	34.79 -0.35 0.00	34.53 -0.17 0.00	34.95 -0.03 0.00	35.95 0.07 0.00	37.40 0.07 0.00	43.95 -0.40 0.00	48.49 -1.09 0.00	41.05 -0.33 0.00	34.74 -0.60 0.00	31.91 -0.72 0.00	29.78 -0.61 0.00	28.72 -0.67 0.00	27.25 -0.75 0.00	25.99 -0.80 0.00	26.04 -0.83 0.00	30.33 -0.87 0.00	39.99 -1.15 0.00	51.21 -1.58 0.00	61.84 -1.78 0.00	57.26 -2.02 0.00	45.70 -2.40 0.00	38.68 -2.03 0.00	35.23 -1.47 0.00
BARRETT_IC_1 23704	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BARRETT_IC_10 23701	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BARRETT_IC_11 23702	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BARRETT_IC_12 23703	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BARRETT_IC_2 23705	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BARRETT_IC_3 23706	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BARRETT_IC_4 23707	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00

BARRETT_IC_5 23708	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BARRETT_IC_6 23709	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BARRETT_IC_7 23710	39.56 1.70 0.00	36.34 1.19 0.00	35.81 1.11 0.00	36.00 1.01 0.00	37.03 1.15 0.00	38.45 1.12 0.00	46.21 1.86 0.00	51.67 2.08 0.00	42.83 1.45 0.00	36.55 1.20 0.00	33.74 1.11 0.00	31.39 1.00 0.00	30.31 0.91 0.00	28.96 0.95 0.00	27.81 1.02 0.00	28.09 1.21 0.00	32.48 1.28 0.00	42.96 1.81 0.00	55.27 2.48 0.00	66.55 2.93 0.00	61.95 2.67 0.00	50.95 2.84 0.00	43.08 2.36 0.00	38.46 1.76 0.00
BARRETT_IC_8 23711	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BARRETT_IC_9 23700	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BARRETT___1 23545	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BARRETT___2 23546	39.48 1.63 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.35 2.00 0.00	51.47 1.88 0.00	42.87 1.49 0.00	36.57 1.24 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.87 1.07 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.28 2.48 0.00	66.62 2.99 0.00	62.13 2.85 0.00	50.99 2.89 0.00	43.03 2.32 0.00	38.46 1.76 0.00
BATAVIA__115KV_TB1 55881	37.70 -0.15 0.00	35.43 0.28 0.00	35.05 0.35 0.00	35.51 0.52 0.00	36.49 0.61 0.00	37.85 0.52 0.00	44.22 -0.13 0.00	47.95 -1.64 0.00	41.01 -0.37 0.00	34.67 -0.67 0.00	31.94 -0.69 0.00	29.99 -0.40 0.00	28.69 -0.71 0.00	27.20 -0.81 0.00	25.78 -1.02 0.00	25.94 -0.94 0.00	30.20 -1.00 0.00	39.71 -1.44 0.00	50.79 -2.01 0.00	61.33 -2.29 0.00	57.21 -2.07 0.00	45.65 -2.45 0.00	38.88 -1.83 0.00	35.86 -0.84 0.00
BAYONEEC___CTG1 323682	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.41 1.08 0.00	46.08 1.73 0.00	51.57 1.99 0.00	43.08 1.70 0.00	36.86 1.52 0.00	34.10 1.47 0.00	31.85 1.46 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.03 1.23 0.00	28.22 1.34 0.00	32.54 1.34 0.00	42.91 1.77 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.59 1.87 0.00	38.10 1.39 0.00
BAYONEEC___CTG10 323750	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.41 1.08 0.00	46.08 1.73 0.00	51.57 1.99 0.00	43.08 1.70 0.00	36.86 1.52 0.00	34.10 1.47 0.00	31.85 1.46 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.03 1.23 0.00	28.22 1.34 0.00	32.54 1.34 0.00	42.91 1.77 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.59 1.87 0.00	38.10 1.39 0.00
BAYONEEC___CTG2 323683	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.41 1.08 0.00	46.08 1.73 0.00	51.57 1.99 0.00	43.08 1.70 0.00	36.86 1.52 0.00	34.10 1.47 0.00	31.85 1.46 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.03 1.23 0.00	28.22 1.34 0.00	32.54 1.34 0.00	42.91 1.77 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.59 1.87 0.00	38.10 1.39 0.00
BAYONEEC___CTG3 323684	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.41 1.08 0.00	46.08 1.73 0.00	51.57 1.99 0.00	43.08 1.70 0.00	36.86 1.52 0.00	34.10 1.47 0.00	31.85 1.46 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.03 1.23 0.00	28.22 1.34 0.00	32.54 1.34 0.00	42.91 1.77 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.59 1.87 0.00	38.10 1.39 0.00
BAYONEEC___CTG4 323685	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.41 1.08 0.00	46.08 1.73 0.00	51.57 1.99 0.00	43.08 1.70 0.00	36.86 1.52 0.00	34.10 1.47 0.00	31.85 1.46 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.03 1.23 0.00	28.22 1.34 0.00	32.54 1.34 0.00	42.91 1.77 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.59 1.87 0.00	38.10 1.39 0.00
BAYONEEC___CTG5 323686	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.41 1.08 0.00	46.08 1.73 0.00	51.57 1.99 0.00	43.08 1.70 0.00	36.86 1.52 0.00	34.10 1.47 0.00	31.85 1.46 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.03 1.23 0.00	28.22 1.34 0.00	32.54 1.34 0.00	42.91 1.77 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.59 1.87 0.00	38.10 1.39 0.00
BAYONEEC___CTG6 323687	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.41 1.08 0.00	46.08 1.73 0.00	51.57 1.99 0.00	43.08 1.70 0.00	36.86 1.52 0.00	34.10 1.47 0.00	31.85 1.46 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.03 1.23 0.00	28.22 1.34 0.00	32.54 1.34 0.00	42.91 1.77 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.59 1.87 0.00	38.10 1.39 0.00

BAYONEEC___CTG7 323688	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.41 1.08 0.00	46.08 1.73 0.00	51.57 1.99 0.00	43.08 1.70 0.00	36.86 1.52 0.00	34.10 1.47 0.00	31.85 1.46 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.03 1.23 0.00	28.22 1.34 0.00	32.54 1.34 0.00	42.91 1.77 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.59 1.87 0.00	38.10 1.39 0.00
BAYONEEC___CTG8 323689	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.41 1.08 0.00	46.08 1.73 0.00	51.57 1.99 0.00	43.08 1.70 0.00	36.86 1.52 0.00	34.10 1.47 0.00	31.85 1.46 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.03 1.23 0.00	28.22 1.34 0.00	32.54 1.34 0.00	42.91 1.77 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.59 1.87 0.00	38.10 1.39 0.00
BAYONEEC___CTG9 323749	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.41 1.08 0.00	46.08 1.73 0.00	51.57 1.99 0.00	43.08 1.70 0.00	36.86 1.52 0.00	34.10 1.47 0.00	31.85 1.46 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.03 1.23 0.00	28.22 1.34 0.00	32.54 1.34 0.00	42.91 1.77 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.59 1.87 0.00	38.10 1.39 0.00
BEACON___LESR 323632	38.61 0.76 0.00	35.70 0.56 0.00	35.18 0.49 0.00	35.51 0.53 0.00	36.39 0.50 0.00	37.92 0.60 0.00	45.24 0.89 0.00	50.63 1.04 0.00	42.00 0.62 0.00	35.94 0.60 0.00	33.24 0.62 0.00	30.94 0.55 0.00	29.89 0.50 0.00	28.48 0.48 0.00	27.25 0.46 0.00	27.39 0.51 0.00	31.73 0.53 0.00	41.93 0.78 0.00	54.11 1.32 0.00	65.22 1.59 0.00	60.76 1.48 0.00	49.45 1.35 0.00	41.85 1.14 0.00	37.65 0.95 0.00
BEAVER RIVER___HYD 24048	39.87 -0.45 -2.47	37.08 -0.39 -2.32	36.64 -0.35 -2.29	37.05 -0.24 -2.30	38.08 -0.14 -2.34	39.27 -0.11 -2.06	44.08 -0.26 0.00	49.58 0.00 0.00	41.38 0.00 0.00	35.06 -0.28 0.00	32.14 -0.49 0.00	29.81 -0.58 0.00	28.75 -0.65 0.00	27.37 -0.64 0.00	26.15 -0.64 0.00	26.26 -0.62 0.00	30.76 -0.44 0.00	41.06 -0.08 0.00	53.27 0.47 0.00	64.71 1.08 0.00	60.35 1.07 0.00	48.88 0.77 0.00	40.67 -0.04 0.00	36.45 -0.26 0.00
BEEBEE_GT_13 23619	37.32 -0.53 0.00	34.97 -0.18 0.00	34.56 -0.14 0.00	34.95 -0.03 0.00	35.88 0.00 0.00	37.25 -0.07 0.00	43.77 -0.58 0.00	47.95 0.00 0.00	40.67 -0.70 0.00	34.60 -0.74 0.00	31.91 -0.72 0.00	29.90 -0.49 0.00	28.72 -0.68 0.00	27.28 -0.73 0.00	25.91 -0.88 0.00	26.04 -0.83 0.00	30.30 -0.90 0.00	39.79 -1.36 0.00	50.79 -2.01 0.00	61.21 -2.42 0.00	57.09 -2.19 0.00	45.85 -2.26 0.00	38.96 -1.75 0.00	35.71 -0.99 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.10 2.20 -15.05	54.91 1.79 -17.97	54.20 1.70 -17.80	54.35 1.64 -17.71	53.73 1.65 -16.20	54.29 1.61 -15.36	54.96 2.31 -8.30	58.30 2.73 -5.99	58.25 2.28 -14.59	55.65 1.98 -18.32	54.10 1.79 -19.68	53.97 1.73 -21.85	55.14 1.59 -24.16	57.43 1.51 -27.91	54.57 1.55 -26.22	54.54 1.64 -26.02	54.37 1.78 -21.39	60.74 2.39 -17.21	66.01 3.27 -9.94	67.50 3.82 -0.06	64.67 3.62 -1.77	60.06 3.08 -8.87	57.37 2.61 -14.05	55.09 2.02 -16.37
BETHLEHEM___GRP 23843	38.15 0.30 0.00	35.28 0.14 0.00	34.80 0.10 0.00	35.06 0.07 0.00	35.92 0.04 0.00	37.40 0.07 0.00	44.61 0.27 0.00	49.98 0.40 0.00	41.46 0.08 0.00	35.56 0.21 0.00	32.82 0.20 0.00	30.57 0.18 0.00	29.57 0.18 0.00	28.21 0.20 0.00	27.01 0.21 0.00	27.09 0.22 0.00	31.45 0.25 0.00	41.39 0.25 0.00	53.37 0.58 0.00	64.26 0.64 0.00	59.87 0.59 0.00	48.73 0.63 0.00	41.28 0.57 0.00	37.14 0.44 0.00
BETHLEHEM___GS1 323560	38.15 0.30 0.00	35.29 0.14 0.00	34.77 0.07 0.00	35.06 0.07 0.00	35.92 0.04 0.00	37.40 0.07 0.00	44.66 0.31 0.00	49.93 0.35 0.00	41.46 0.08 0.00	35.59 0.25 0.00	32.92 0.29 0.00	30.66 0.27 0.00	29.63 0.23 0.00	28.26 0.25 0.00	27.03 0.24 0.00	27.17 0.30 0.00	31.45 0.25 0.00	41.40 0.25 0.00	53.37 0.58 0.00	64.20 0.57 0.00	59.87 0.59 0.00	48.73 0.62 0.00	41.28 0.57 0.00	37.14 0.44 0.00
BETHLEHEM___GS2 323561	38.15 0.30 0.00	35.29 0.14 0.00	34.77 0.07 0.00	35.06 0.07 0.00	35.92 0.04 0.00	37.40 0.07 0.00	44.66 0.31 0.00	49.93 0.35 0.00	41.46 0.08 0.00	35.59 0.25 0.00	32.92 0.29 0.00	30.66 0.27 0.00	29.63 0.23 0.00	28.26 0.25 0.00	27.03 0.24 0.00	27.17 0.30 0.00	31.45 0.25 0.00	41.40 0.25 0.00	53.37 0.58 0.00	64.20 0.57 0.00	59.87 0.59 0.00	48.73 0.62 0.00	41.28 0.57 0.00	37.14 0.44 0.00
BETHLEHEM___GS3 323562	38.15 0.30 0.00	35.29 0.14 0.00	34.77 0.07 0.00	35.06 0.07 0.00	35.92 0.04 0.00	37.40 0.07 0.00	44.66 0.31 0.00	49.93 0.35 0.00	41.46 0.08 0.00	35.59 0.25 0.00	32.92 0.29 0.00	30.66 0.27 0.00	29.63 0.23 0.00	28.26 0.25 0.00	27.03 0.24 0.00	27.17 0.30 0.00	31.45 0.25 0.00	41.40 0.25 0.00	53.37 0.58 0.00	64.20 0.57 0.00	59.87 0.59 0.00	48.73 0.62 0.00	41.28 0.57 0.00	37.14 0.44 0.00
BETHLEHEM___STEEL 23779	37.44 -0.42 0.00	35.21 0.07 0.00	34.91 0.21 0.00	35.34 0.35 0.00	36.24 0.36 0.00	37.63 0.30 0.00	43.95 -0.40 0.00	47.50 -2.08 0.00	41.05 -0.33 0.00	34.64 -0.71 0.00	32.01 -0.62 0.00	30.18 -0.21 0.00	28.87 -0.53 0.00	27.31 -0.70 0.00	25.94 -0.86 0.00	26.04 -0.83 0.00	30.26 -0.94 0.00	39.46 -1.69 0.00	50.10 -2.69 0.00	60.32 -3.31 0.00	56.08 -3.20 0.00	44.74 -3.37 0.00	38.27 -2.44 0.00	35.42 -1.28 0.00
BETHLHEM_115KV_TB1 79974	38.23 0.38 0.00	35.36 0.21 0.00	34.87 0.17 0.00	35.13 0.14 0.00	35.99 0.11 0.00	37.48 0.15 0.00	44.70 0.35 0.00	50.08 0.50 0.00	41.54 0.17 0.00	35.59 0.25 0.00	32.85 0.23 0.00	30.60 0.21 0.00	29.60 0.21 0.00	28.23 0.22 0.00	27.04 0.24 0.00	27.15 0.27 0.00	31.51 0.31 0.00	41.48 0.33 0.00	53.43 0.63 0.00	64.39 0.76 0.00	59.93 0.65 0.00	48.78 0.67 0.00	41.37 0.65 0.00	37.18 0.48 0.00
BETHPAGE_CC_5 323564	39.52 1.66 0.00	36.34 1.20 0.00	35.84 1.14 0.00	35.93 0.95 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.43 2.08 0.00	51.47 1.88 0.00	42.83 1.45 0.00	36.54 1.20 0.01	33.89 1.27 0.01	31.57 1.18 0.01	30.39 1.00 0.01	29.04 1.04 0.01	27.89 1.10 0.00	28.14 1.26 0.00	32.51 1.31 0.00	42.96 1.81 0.00	55.33 2.53 0.00	66.93 3.31 0.00	62.36 3.08 0.00	51.09 2.98 0.00	43.12 2.40 0.00	38.54 1.83 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.55 -0.30 0.00	35.32 0.18 0.00	35.01 0.31 0.00	35.44 0.45 0.00	36.35 0.47 0.00	37.74 0.41 0.00	44.08 -0.27 0.00	47.70 -1.88 0.00	41.21 -0.17 0.00	34.78 -0.57 0.00	32.14 -0.49 0.00	30.27 -0.12 0.00	28.98 -0.41 0.00	27.42 -0.59 0.00	26.02 -0.78 0.00	26.15 -0.73 0.00	30.39 -0.81 0.00	39.62 -1.52 0.00	50.31 -2.48 0.00	60.57 -3.05 0.00	56.32 -2.96 0.00	44.88 -3.22 0.00	38.35 -2.36 0.00	35.49 -1.21 0.00

BINGHAMTON___COGEN 23790	38.08 0.23 0.00	35.50 0.35 0.00	35.08 0.38 0.00	35.41 0.42 0.00	36.31 0.43 0.00	37.78 0.45 0.00	44.75 0.40 0.00	49.68 0.10 0.00	41.75 0.37 0.00	35.52 0.18 0.00	32.69 0.07 0.00	30.48 0.09 0.00	29.43 0.03 0.00	28.01 0.00 0.00	26.71 -0.08 0.00	26.82 -0.05 0.00	31.20 0.00 0.00	41.11 -0.04 0.00	52.63 -0.16 0.00	63.63 0.00 0.00	59.16 -0.12 0.00	47.72 -0.38 0.00	40.39 -0.33 0.00	36.59 -0.11 0.00
BIXINCNT_115KV_LOAD 355685	37.36 -0.49 0.00	35.28 0.14 0.00	35.08 0.38 0.00	35.58 0.59 0.00	36.56 0.68 0.00	38.07 0.75 0.00	44.66 0.31 0.00	48.54 -1.04 0.00	41.92 0.54 0.00	35.38 0.04 0.00	32.66 0.03 0.00	30.69 0.30 0.00	29.40 0.00 0.00	27.81 -0.20 0.00	26.37 -0.43 0.00	26.45 -0.43 0.00	30.70 -0.50 0.00	40.04 -1.11 0.00	50.84 -1.95 0.00	61.27 -2.35 0.00	56.55 -2.73 0.00	44.74 -3.37 0.00	37.99 -2.73 0.00	34.94 -1.76 0.00
BLACK RIVER___HYD 24047	40.00 0.42 -1.73	37.19 0.42 -1.62	36.78 0.49 -1.60	37.19 0.59 -1.61	38.20 0.68 -1.64	39.47 0.71 -1.44	44.97 0.62 0.00	50.52 0.94 0.00	41.96 0.58 0.00	35.52 0.18 0.00	32.43 -0.19 0.00	30.03 -0.36 0.00	28.92 -0.47 0.00	27.51 -0.50 0.00	26.26 -0.54 0.00	26.42 -0.46 0.00	31.08 -0.12 0.00	41.56 0.41 0.00	54.11 1.32 0.00	65.91 2.29 0.00	61.53 2.25 0.00	49.69 1.59 0.00	41.49 0.77 0.00	37.21 0.51 0.00
BLACKRVR_115KV_TB2 79977	39.96 0.38 -1.73	37.19 0.42 -1.62	36.78 0.49 -1.60	37.19 0.59 -1.61	38.20 0.68 -1.64	39.55 0.78 -1.44	45.06 0.71 0.00	50.53 0.94 0.00	41.96 0.58 0.00	35.52 0.18 0.00	32.46 -0.16 0.00	30.06 -0.33 0.00	28.95 -0.44 0.00	27.53 -0.48 0.00	26.26 -0.54 0.00	26.45 -0.43 0.00	31.08 -0.12 0.00	41.56 0.41 0.00	54.06 1.27 0.00	65.92 2.29 0.00	61.59 2.31 0.00	49.70 1.59 0.00	41.45 0.73 0.00	37.21 0.51 0.00
BLISS_WT_PWR 323608	37.25 -0.61 0.00	35.18 0.04 0.00	34.97 0.28 0.00	35.48 0.49 0.00	36.56 0.68 0.00	37.96 0.63 0.00	44.30 -0.04 0.00	48.54 -1.04 0.00	41.79 0.41 0.00	35.31 -0.04 0.00	32.59 -0.03 0.00	30.51 0.12 0.00	29.40 0.00 0.00	27.78 -0.23 0.00	26.50 -0.29 0.00	26.42 -0.46 0.00	30.70 -0.50 0.00	39.99 -1.15 0.00	50.84 -1.95 0.00	61.21 -2.42 0.00	56.26 -3.02 0.00	44.50 -3.61 0.00	37.78 -2.93 0.00	34.68 -2.02 0.00
BLUESTONE___WT_PWR 323821	39.40 1.55 0.00	36.69 1.54 0.00	36.33 1.63 0.00	36.70 1.71 0.00	37.68 1.79 0.00	39.16 1.83 0.00	46.25 1.91 0.00	51.92 2.33 0.00	43.32 1.95 0.00	36.72 1.38 0.00	33.57 0.95 0.00	31.18 0.79 0.00	30.13 0.74 0.00	28.65 0.64 0.00	27.38 0.59 0.00	27.58 0.70 0.00	32.39 1.19 0.00	43.24 2.10 0.00	55.85 3.06 0.00	67.64 4.01 0.00	62.84 3.56 0.00	50.42 2.31 0.00	42.34 1.63 0.00	38.13 1.43 0.00
BLUE_CIRC_CHEM_DRP 24182	38.61 0.76 0.00	35.71 0.56 0.00	35.25 0.56 0.00	35.51 0.52 0.00	36.42 0.54 0.00	37.92 0.60 0.00	45.15 0.80 0.00	50.53 0.94 0.00	41.83 0.46 0.00	35.70 0.35 0.00	32.89 0.26 0.00	30.60 0.21 0.00	29.60 0.21 0.00	28.23 0.22 0.00	27.06 0.27 0.00	27.15 0.27 0.00	31.54 0.34 0.00	41.68 0.53 0.00	53.80 1.00 0.00	64.90 1.27 0.00	60.47 1.19 0.00	49.21 1.11 0.00	41.69 0.98 0.00	37.51 0.81 0.00
BOC_GAS_DRP 24189	38.38 0.53 0.00	35.53 0.39 0.00	35.05 0.35 0.00	35.30 0.31 0.00	36.21 0.32 0.00	37.66 0.34 0.00	44.88 0.53 0.00	50.28 0.69 0.00	41.79 0.41 0.00	35.77 0.42 0.00	32.99 0.36 0.00	30.72 0.33 0.00	29.75 0.35 0.00	28.37 0.36 0.00	27.17 0.38 0.00	27.25 0.38 0.00	31.61 0.41 0.00	41.68 0.53 0.00	53.59 0.79 0.00	64.52 0.89 0.00	60.11 0.83 0.00	48.93 0.82 0.00	41.45 0.73 0.00	37.29 0.59 0.00
BOONVILLE_115KV_TB1 79983	39.17 0.38 -0.94	36.38 0.35 -0.88	35.95 0.38 -0.87	36.35 0.49 -0.88	37.31 0.54 -0.89	38.74 0.63 -0.78	44.97 0.62 0.00	50.43 0.84 0.00	42.08 0.70 0.00	35.80 0.46 0.00	32.85 0.23 0.00	30.48 0.09 0.00	29.45 0.06 0.00	28.01 0.00 0.00	26.77 -0.03 0.00	26.90 0.03 0.00	31.45 0.25 0.00	41.76 0.62 0.00	53.95 1.16 0.00	65.28 1.65 0.00	60.88 1.60 0.00	49.26 1.15 0.00	41.28 0.57 0.00	37.10 0.40 0.00
BORALEX_4TH_BRANCH 23824	39.25 1.40 0.00	36.13 0.98 0.00	35.57 0.87 0.00	35.76 0.77 0.00	36.67 0.79 0.00	38.22 0.90 0.00	45.77 1.42 0.00	51.42 1.83 0.00	42.58 1.20 0.00	36.44 1.10 0.00	33.54 0.91 0.00	31.18 0.79 0.00	30.13 0.73 0.00	28.77 0.76 0.00	27.60 0.80 0.00	27.82 0.94 0.00	32.29 1.09 0.00	42.59 1.44 0.00	54.96 2.16 0.00	66.11 2.48 0.00	61.53 2.25 0.00	50.13 2.02 0.00	42.63 1.91 0.00	38.32 1.61 0.00
BOWLINE___1 23526	38.91 1.06 0.00	35.95 0.81 0.00	35.46 0.76 0.00	35.69 0.70 0.00	36.56 0.68 0.00	38.07 0.75 0.00	45.55 1.20 0.00	50.97 1.39 0.00	42.58 1.20 0.00	36.40 1.06 0.00	33.64 1.01 0.00	31.36 0.97 0.00	30.25 0.85 0.00	28.85 0.84 0.00	27.63 0.83 0.00	27.82 0.94 0.00	32.11 0.91 0.00	42.38 1.23 0.00	54.48 1.69 0.00	65.91 2.29 0.00	61.35 2.07 0.00	49.79 1.68 0.00	42.10 1.39 0.00	37.77 1.07 0.00
BOWLINE___2 23595	38.91 1.06 0.00	35.95 0.81 0.00	35.46 0.76 0.00	35.69 0.70 0.00	36.56 0.68 0.00	38.07 0.75 0.00	45.59 1.24 0.00	50.97 1.39 0.00	42.58 1.20 0.00	36.40 1.06 0.00	33.64 1.01 0.00	31.36 0.97 0.00	30.25 0.85 0.00	28.85 0.84 0.00	27.63 0.83 0.00	27.82 0.94 0.00	32.11 0.91 0.00	42.38 1.23 0.00	54.48 1.69 0.00	65.91 2.29 0.00	61.35 2.07 0.00	49.79 1.68 0.00	42.10 1.39 0.00	37.77 1.07 0.00
BRADY___115KV_TB2 356060	41.01 0.00 -3.16	38.22 0.11 -2.97	37.76 0.14 -2.92	38.03 0.10 -2.94	39.02 0.14 -2.99	40.18 0.22 -2.62	44.35 0.00 0.00	49.93 0.35 0.00	41.46 0.08 0.00	35.24 -0.11 0.00	32.63 0.00 0.00	30.36 -0.03 0.00	29.34 -0.06 0.00	27.98 -0.03 0.00	26.77 -0.03 0.00	26.77 -0.11 0.00	31.20 0.00 0.00	41.48 0.33 0.00	53.59 0.79 0.00	64.64 1.02 0.00	60.29 1.01 0.00	49.02 0.91 0.00	41.33 0.61 0.00	37.21 0.51 0.00
BRANSCOMB___SOLAR 323811	39.78 1.93 0.00	36.90 1.76 0.00	36.36 1.67 0.00	36.88 1.89 0.00	37.78 1.90 0.00	39.45 2.13 0.00	47.05 2.71 0.00	52.71 3.13 0.00	42.99 1.61 0.00	36.16 0.81 0.00	32.92 0.29 0.00	30.39 0.00 0.00	29.40 0.00 0.00	27.90 -0.11 0.00	26.69 -0.11 0.00	26.96 0.08 0.00	31.70 0.50 0.00	42.50 1.36 0.00	55.11 2.32 0.00	66.49 2.87 0.00	62.01 2.73 0.00	50.37 2.26 0.00	42.63 1.91 0.00	38.28 1.58 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	39.86 2.01 0.00	36.44 1.30 0.00	35.95 1.25 0.00	36.07 1.08 0.00	37.17 1.29 0.00	38.67 1.34 0.00	46.61 2.26 0.00	51.87 2.28 0.00	42.83 1.45 0.00	36.47 1.13 0.00	33.61 0.98 0.00	31.24 0.85 0.00	30.16 0.76 0.00	28.85 0.84 0.00	27.79 0.99 0.00	28.25 1.37 0.00	32.57 1.37 0.00	43.08 1.93 0.00	55.70 2.90 0.00	67.38 3.75 0.00	62.60 3.32 0.00	51.43 3.32 0.00	43.52 2.81 0.00	38.79 2.09 0.00



BRISTLHL_115KV_TB1 79998	37.40 -0.45 0.00	34.79 -0.35 0.00	34.39 -0.31 0.00	34.71 -0.28 0.00	35.56 -0.32 0.00	36.99 -0.34 0.00	43.82 -0.53 0.00	48.79 -0.79 0.00	40.84 -0.54 0.00	34.88 -0.46 0.00	32.20 -0.42 0.00	29.96 -0.43 0.00	28.95 -0.44 0.00	27.53 -0.48 0.00	26.29 -0.51 0.00	26.39 -0.48 0.00	30.67 -0.53 0.00	40.32 -0.82 0.00	51.53 -1.27 0.00	62.23 -1.40 0.00	57.98 -1.30 0.00	46.91 -1.20 0.00	39.66 -1.06 0.00	35.89 -0.81 0.00
BROOKHAVEN___DRP 24191	39.29 1.44 0.00	35.78 0.63 0.00	35.29 0.59 0.00	35.41 0.42 0.00	36.49 0.61 0.00	37.96 0.63 0.00	45.95 1.60 0.00	50.92 1.34 0.00	41.96 0.58 0.00	35.77 0.42 0.00	32.89 0.26 0.00	30.54 0.15 0.00	29.48 0.09 0.00	28.26 0.25 0.00	27.30 0.51 0.00	27.98 1.10 0.00	32.07 0.87 0.00	42.26 1.11 0.00	54.75 1.95 0.00	66.36 2.74 0.00	61.65 2.37 0.00	50.71 2.60 0.00	42.91 2.20 0.00	38.21 1.50 0.00
BROOKLYN_NAVY_YARD 23515	39.37 1.52 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.45 1.12 0.00	46.12 1.78 0.00	51.62 2.03 0.00	43.12 1.74 0.00	36.90 1.55 0.00	34.16 1.53 0.00	31.91 1.52 0.00	30.72 1.32 0.00	29.30 1.29 0.00	28.05 1.26 0.00	28.25 1.37 0.00	32.61 1.41 0.00	43.00 1.85 0.00	55.28 2.48 0.00	66.81 3.18 0.00	62.18 2.90 0.00	50.46 2.36 0.00	42.63 1.91 0.00	38.13 1.43 0.00
BROOKLYN___ARMY_DRP 323595	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
BROOKVLE_69_KV_TB1 55790	39.78 1.93 0.00	36.55 1.41 0.00	36.02 1.32 0.00	36.18 1.19 0.00	37.25 1.36 0.00	38.67 1.34 0.00	46.48 2.13 0.00	51.96 2.38 0.00	43.07 1.70 0.00	36.76 1.41 0.00	33.90 1.27 0.00	31.58 1.19 0.00	30.48 1.09 0.00	29.13 1.12 0.00	27.97 1.18 0.00	28.25 1.37 0.00	32.67 1.47 0.00	43.20 2.06 0.00	55.70 2.90 0.00	67.32 3.69 0.00	62.60 3.32 0.00	51.28 3.18 0.00	43.36 2.65 0.00	38.72 2.02 0.00
BROOME_2_LFGE 323671	38.12 0.27 0.00	35.50 0.35 0.00	35.08 0.38 0.00	35.41 0.42 0.00	36.32 0.43 0.00	37.74 0.41 0.00	44.66 0.31 0.00	49.68 0.10 0.00	41.71 0.33 0.00	35.49 0.14 0.00	32.69 0.07 0.00	30.45 0.06 0.00	29.43 0.03 0.00	27.98 -0.03 0.00	26.74 -0.05 0.00	26.82 -0.05 0.00	31.20 0.00 0.00	41.11 -0.04 0.00	52.64 -0.16 0.00	63.63 0.00 0.00	59.16 -0.12 0.00	47.72 -0.39 0.00	40.43 -0.28 0.00	36.59 -0.11 0.00
BROOME___LFGE 323600	38.12 0.27 0.00	35.50 0.35 0.00	35.08 0.38 0.00	35.41 0.42 0.00	36.32 0.43 0.00	37.74 0.41 0.00	44.66 0.31 0.00	49.68 0.10 0.00	41.71 0.33 0.00	35.49 0.14 0.00	32.69 0.07 0.00	30.45 0.06 0.00	29.43 0.03 0.00	27.98 -0.03 0.00	26.74 -0.05 0.00	26.82 -0.05 0.00	31.20 0.00 0.00	41.11 -0.04 0.00	52.64 -0.16 0.00	63.63 0.00 0.00	59.16 -0.12 0.00	47.72 -0.39 0.00	40.43 -0.28 0.00	36.59 -0.11 0.00
BROWNFLS_115KV_TB_3_5 80003	41.31 -0.98 -4.44	38.47 -0.84 -4.17	38.01 -0.80 -4.11	38.39 -0.73 -4.13	39.41 -0.68 -4.21	40.38 -0.63 -3.69	43.42 -0.93 0.00	48.89 -0.69 0.00	40.76 -0.62 0.00	34.57 -0.78 0.00	31.84 -0.78 0.00	29.57 -0.82 0.00	28.54 -0.85 0.00	27.20 -0.81 0.00	25.99 -0.80 0.00	26.04 -0.83 0.00	30.45 -0.75 0.00	40.57 -0.58 0.00	52.53 -0.26 0.00	63.56 -0.06 0.00	59.28 0.00 0.00	48.16 0.05 0.00	40.27 -0.45 0.00	36.15 -0.55 0.00
BROWNSV1_27_KV_LOAD 356125	39.67 1.82 0.00	36.59 1.44 0.00	36.02 1.32 0.00	36.25 1.26 0.00	37.17 1.29 0.00	38.56 1.23 0.00	46.21 1.86 0.00	51.91 2.33 0.00	43.32 1.94 0.00	37.04 1.70 0.00	34.16 1.53 0.00	31.88 1.49 0.00	30.78 1.38 0.00	29.35 1.34 0.00	28.13 1.34 0.00	28.33 1.45 0.00	32.70 1.50 0.00	43.25 2.10 0.00	55.64 2.85 0.00	67.06 3.44 0.00	62.42 3.14 0.00	50.75 2.65 0.00	42.95 2.24 0.00	38.39 1.69 0.00
BURROWS___LYONSDAL 23803	39.21 0.11 -1.24	36.45 0.14 -1.17	36.02 0.17 -1.15	36.42 0.28 -1.16	37.42 0.36 -1.18	38.81 0.45 -1.03	44.75 0.40 0.00	50.23 0.64 0.00	41.96 0.58 0.00	35.63 0.28 0.00	32.69 0.07 0.00	30.33 -0.06 0.00	29.28 -0.12 0.00	27.87 -0.14 0.00	26.63 -0.16 0.00	26.77 -0.11 0.00	31.29 0.09 0.00	41.60 0.45 0.00	53.80 1.00 0.00	65.15 1.53 0.00	60.76 1.48 0.00	49.17 1.06 0.00	41.12 0.41 0.00	36.88 0.18 0.00
CAITHNESS_CC_1 323624	39.18 1.32 0.00	35.85 0.70 0.00	35.36 0.66 0.00	35.41 0.42 0.00	36.46 0.57 0.00	37.92 0.60 0.00	46.12 1.78 0.00	50.82 1.24 0.00	42.08 0.70 0.00	35.87 0.53 0.01	33.14 0.52 0.01	30.81 0.43 0.01	29.65 0.26 0.01	28.42 0.42 0.01	27.41 0.62 0.00	27.82 0.94 0.00	31.89 0.69 0.00	42.38 1.23 0.00	54.85 2.06 0.00	66.49 2.87 0.00	61.89 2.61 0.00	50.90 2.79 0.00	42.91 2.20 0.00	38.24 1.54 0.00
CALPINE BETH_PAGE_GT4 24209	39.52 1.67 0.00	36.27 1.12 0.00	35.74 1.04 0.00	35.93 0.94 0.00	36.96 1.08 0.00	38.41 1.08 0.00	46.17 1.82 0.00	51.57 1.98 0.00	42.78 1.41 0.00	36.58 1.24 0.00	33.77 1.14 0.00	31.42 1.03 0.00	30.34 0.94 0.00	28.99 0.98 0.00	27.87 1.07 0.00	28.20 1.32 0.00	32.57 1.37 0.00	42.83 1.69 0.00	55.17 2.38 0.00	66.62 2.99 0.00	61.95 2.67 0.00	50.85 2.74 0.00	42.99 2.28 0.00	38.50 1.80 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.44 1.59 0.00	36.27 1.12 0.00	35.78 1.08 0.00	35.90 0.91 0.00	36.89 1.00 0.00	38.37 1.04 0.00	46.35 2.00 0.00	51.42 1.84 0.00	42.74 1.36 0.00	36.50 1.16 0.01	33.92 1.31 0.01	31.57 1.18 0.01	30.42 1.03 0.01	29.07 1.06 0.01	27.92 1.13 0.00	28.17 1.29 0.00	32.54 1.34 0.00	42.87 1.73 0.00	55.17 2.38 0.00	66.68 3.05 0.00	62.13 2.85 0.00	50.90 2.79 0.00	42.95 2.24 0.00	38.50 1.80 0.00
CALPINE_BP_GT1 23823	39.44 1.59 0.00	36.27 1.12 0.00	35.78 1.08 0.00	35.90 0.91 0.00	36.89 1.00 0.00	38.37 1.04 0.00	46.35 2.00 0.00	51.42 1.84 0.00	42.74 1.36 0.00	36.50 1.16 0.01	33.92 1.31 0.01	31.57 1.18 0.01	30.42 1.03 0.01	29.07 1.06 0.01	27.92 1.13 0.00	28.17 1.29 0.00	32.54 1.34 0.00	42.87 1.73 0.00	55.17 2.38 0.00	66.68 3.05 0.00	62.13 2.85 0.00	50.90 2.79 0.00	42.95 2.24 0.00	38.50 1.80 0.00
CALSPAN___DRP 24200	37.44 -0.42 0.00	35.21 0.07 0.00	34.91 0.21 0.00	35.34 0.35 0.00	36.24 0.36 0.00	37.63 0.30 0.00	43.95 -0.40 0.00	47.50 -2.08 0.00	41.05 -0.33 0.00	34.64 -0.71 0.00	32.01 -0.62 0.00	30.18 -0.21 0.00	28.87 -0.53 0.00	27.31 -0.70 0.00	25.94 -0.86 0.00	26.04 -0.83 0.00	30.26 -0.94 0.00	39.46 -1.69 0.00	50.10 -2.69 0.00	60.32 -3.31 0.00	56.08 -3.20 0.00	44.74 -3.37 0.00	38.27 -2.44 0.00	35.42 -1.28 0.00

CALVERTON___SOLAR 323806	39.18 1.32 0.00	35.78 0.63 0.00	35.29 0.59 0.00	35.30 0.31 0.00	36.39 0.50 0.00	37.85 0.52 0.00	46.12 1.78 0.00	50.73 1.14 0.00	41.96 0.58 0.00	35.73 0.39 0.01	32.98 0.36 0.01	30.65 0.27 0.01	29.51 0.12 0.01	28.25 0.25 0.01	27.33 0.54 0.00	27.76 0.89 0.00	31.76 0.56 0.00	42.26 1.11 0.00	54.75 1.95 0.00	66.49 2.87 0.00	61.89 2.61 0.00	50.90 2.79 0.00	42.91 2.20 0.00	38.24 1.54 0.00
CANDIGU_WT_PWR 323617	37.13 -0.72 0.00	34.79 -0.35 0.00	34.53 -0.17 0.00	34.95 -0.03 0.00	35.95 0.07 0.00	37.40 0.07 0.00	43.95 -0.40 0.00	48.49 -1.09 0.00	41.05 -0.33 0.00	34.74 -0.60 0.00	31.91 -0.72 0.00	29.78 -0.61 0.00	28.72 -0.67 0.00	27.25 -0.75 0.00	25.99 -0.80 0.00	26.04 -0.83 0.00	30.33 -0.87 0.00	39.99 -1.15 0.00	51.21 -1.58 0.00	61.84 -1.78 0.00	57.26 -2.02 0.00	45.70 -2.40 0.00	38.68 -2.03 0.00	35.23 -1.47 0.00
CARR STREET_E_SYR 24060	37.70 -0.15 0.00	35.11 -0.04 0.00	34.70 0.00 0.00	34.99 0.00 0.00	35.88 0.00 0.00	37.29 -0.04 0.00	44.13 -0.22 0.00	49.19 -0.40 0.00	41.17 -0.21 0.00	35.17 -0.18 0.00	32.40 -0.23 0.00	30.15 -0.24 0.00	29.16 -0.24 0.00	27.76 -0.25 0.00	26.50 -0.29 0.00	26.58 -0.30 0.00	30.95 -0.25 0.00	40.74 -0.41 0.00	52.05 -0.74 0.00	62.80 -0.83 0.00	58.45 -0.83 0.00	47.29 -0.82 0.00	40.06 -0.65 0.00	36.22 -0.48 0.00
CARTHAGE___PAPER 23857	39.68 -0.19 -2.02	36.90 -0.14 -1.89	36.46 -0.10 -1.87	36.86 0.00 -1.88	37.90 0.11 -1.91	39.15 0.15 -1.68	44.35 0.00 0.00	49.88 0.30 0.00	41.50 0.12 0.00	35.13 -0.21 0.00	32.17 -0.46 0.00	29.84 -0.55 0.00	28.78 -0.62 0.00	27.37 -0.64 0.00	26.15 -0.64 0.00	26.29 -0.59 0.00	30.83 -0.37 0.00	41.23 0.08 0.00	53.64 0.84 0.00	65.22 1.59 0.00	60.88 1.60 0.00	49.22 1.11 0.00	41.00 0.29 0.00	36.74 0.04 0.00
CASSADAGA_WT_PWR 323784	38.38 0.53 0.00	36.16 1.02 0.00	35.91 1.21 0.00	36.35 1.36 0.00	37.46 1.58 0.00	38.86 1.53 0.00	45.28 0.93 0.00	49.73 0.15 0.00	42.79 1.41 0.00	36.09 0.74 0.00	33.38 0.75 0.00	31.18 0.79 0.00	30.04 0.65 0.00	28.37 0.36 0.00	27.09 0.30 0.00	26.99 0.11 0.00	31.33 0.13 0.00	40.69 -0.45 0.00	51.53 -1.27 0.00	61.65 -1.97 0.00	56.55 -2.73 0.00	44.79 -3.32 0.00	37.99 -2.73 0.00	34.94 -1.76 0.00
CE_DUNWOOD___DRP 24194	39.25 1.40 0.00	36.20 1.05 0.00	35.67 0.97 0.00	35.90 0.91 0.00	36.82 0.93 0.00	38.26 0.93 0.00	45.81 1.46 0.00	51.37 1.79 0.00	42.83 1.45 0.00	36.62 1.27 0.00	33.77 1.14 0.00	31.45 1.06 0.00	30.40 1.00 0.00	28.99 0.98 0.00	27.79 0.99 0.00	27.98 1.10 0.00	32.32 1.12 0.00	42.75 1.60 0.00	55.01 2.22 0.00	66.36 2.74 0.00	61.77 2.49 0.00	50.22 2.12 0.00	42.51 1.79 0.00	38.06 1.36 0.00
CE_MILLWOOD___DRP 24193	39.14 1.29 0.00	36.09 0.95 0.00	35.57 0.87 0.00	35.83 0.84 0.00	36.74 0.86 0.00	38.15 0.82 0.00	45.68 1.33 0.00	51.27 1.69 0.00	42.70 1.32 0.00	36.51 1.17 0.00	33.67 1.04 0.00	31.36 0.97 0.00	30.31 0.91 0.00	28.91 0.90 0.00	27.71 0.91 0.00	27.87 0.99 0.00	32.23 1.03 0.00	42.59 1.44 0.00	54.80 2.01 0.00	66.17 2.55 0.00	61.59 2.31 0.00	50.08 1.97 0.00	42.38 1.67 0.00	37.95 1.25 0.00
CE_NYC2_DRP 24202	39.64 1.78 -0.01	37.21 1.41 -0.66	36.03 1.32 -0.01	36.26 1.26 -0.01	37.14 1.26 0.00	38.52 1.19 0.00	46.52 1.86 -0.31	52.09 2.28 -0.23	43.78 1.86 -0.54	37.68 1.66 -0.68	34.85 1.50 -0.73	32.65 1.46 -0.81	32.23 1.35 -1.48	33.17 1.32 -3.84	29.07 1.31 -0.96	29.26 1.42 -0.96	33.46 1.47 -0.79	45.63 2.02 -2.46	56.96 2.75 -1.42	66.74 3.12 0.00	62.18 2.90 0.00	51.97 2.60 -1.27	43.43 2.20 -0.52	38.96 1.65 -0.61
CE_NYC_DRP 24195	39.44 1.59 0.00	36.37 1.23 0.00	35.81 1.11 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.62 2.03 0.00	43.03 1.66 0.00	36.83 1.48 0.00	34.00 1.37 0.00	31.70 1.31 0.00	30.63 1.23 0.00	29.19 1.18 0.00	27.97 1.18 0.00	28.17 1.29 0.00	32.54 1.34 0.00	42.96 1.81 0.00	55.27 2.48 0.00	66.62 2.99 0.00	62.01 2.73 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.17 1.47 0.00
CHAFFEE___LFGE 323603	37.66 -0.19 0.00	35.36 0.21 0.00	35.08 0.38 0.00	35.44 0.45 0.00	36.46 0.57 0.00	37.74 0.41 0.00	44.13 -0.22 0.00	48.49 -1.09 0.00	41.63 0.25 0.00	35.17 -0.18 0.00	32.46 -0.16 0.00	30.33 -0.06 0.00	29.22 -0.18 0.00	27.62 -0.39 0.00	26.36 -0.43 0.00	26.37 -0.51 0.00	30.61 -0.59 0.00	39.99 -1.15 0.00	50.89 -1.90 0.00	61.72 -1.91 0.00	57.09 -2.19 0.00	45.51 -2.60 0.00	38.72 -1.99 0.00	35.56 -1.14 0.00
CHATEAUG_35_KV_LOAD 355732	-8.77 -1.32 45.30	-8.53 -1.12 42.55	-8.33 -1.11 41.92	-8.30 -1.15 42.14	-8.18 -1.15 42.91	-1.45 -1.12 37.66	43.02 -1.33 0.00	48.69 -0.89 0.00	40.72 -0.66 0.00	34.71 -0.64 0.00	32.33 -0.29 0.00	30.21 -0.18 0.00	29.25 -0.15 0.00	27.95 -0.06 0.00	26.82 0.03 0.00	26.90 0.03 0.00	31.39 0.19 0.00	41.72 0.58 0.00	53.85 1.06 0.00	64.52 0.89 0.00	60.17 0.89 0.00	49.17 1.06 0.00	41.41 0.69 0.00	37.25 0.55 0.00
CHATEAUG_WT_PWR 323614	-5.87 -1.48 42.24	-5.80 -1.26 39.68	-5.64 -1.25 39.09	-5.60 -1.29 39.30	-5.43 -1.29 40.02	0.90 -1.31 35.12	42.80 -1.55 0.00	48.49 -1.09 0.00	40.55 -0.83 0.00	34.64 -0.71 0.00	32.27 -0.36 0.00	30.15 -0.24 0.00	29.19 -0.20 0.00	27.90 -0.11 0.00	26.77 -0.03 0.00	26.88 0.00 0.00	31.36 0.16 0.00	41.64 0.50 0.00	53.74 0.95 0.00	64.26 0.64 0.00	59.87 0.59 0.00	49.07 0.96 0.00	41.33 0.61 0.00	37.18 0.48 0.00
CHAT_HIGH_FALL_HYD 323578	-8.77 -1.32 45.30	-8.53 -1.12 42.55	-8.33 -1.11 41.92	-8.30 -1.15 42.14	-8.18 -1.15 42.91	-1.45 -1.12 37.66	43.02 -1.33 0.00	48.69 -0.89 0.00	40.72 -0.66 0.00	34.71 -0.64 0.00	32.33 -0.29 0.00	30.21 -0.18 0.00	29.25 -0.15 0.00	27.95 -0.06 0.00	26.82 0.03 0.00	26.90 0.03 0.00	31.39 0.19 0.00	41.72 0.58 0.00	53.85 1.06 0.00	64.52 0.89 0.00	60.17 0.89 0.00	49.17 1.06 0.00	41.41 0.69 0.00	37.25 0.55 0.00
CHAUTAUQUA___LFGE 323629	38.15 0.30 0.00	35.88 0.74 0.00	35.60 0.90 0.00	36.00 1.02 0.00	37.07 1.18 0.00	38.37 1.04 0.00	44.75 0.40 0.00	49.04 -0.54 0.00	42.16 0.78 0.00	35.56 0.21 0.00	32.86 0.23 0.00	30.76 0.37 0.00	29.63 0.23 0.00	28.01 0.00 0.00	26.74 -0.05 0.00	26.69 -0.19 0.00	30.98 -0.22 0.00	40.36 -0.78 0.00	51.21 -1.58 0.00	61.53 -2.10 0.00	56.67 -2.61 0.00	45.13 -2.98 0.00	38.40 -2.32 0.00	35.38 -1.32 0.00
CHERRYST_13_KV_LD 356241	39.56 1.70 0.00	36.44 1.30 0.00	35.91 1.21 0.00	36.14 1.15 0.00	37.07 1.18 0.00	38.45 1.12 0.00	46.08 1.73 0.00	51.77 2.18 0.00	43.16 1.78 0.00	36.93 1.59 0.00	34.06 1.44 0.00	31.79 1.40 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.05 1.26 0.00	28.25 1.37 0.00	32.60 1.40 0.00	43.08 1.93 0.00	55.43 2.64 0.00	66.81 3.18 0.00	62.18 2.90 0.00	50.61 2.50 0.00	42.83 2.12 0.00	38.28 1.58 0.00

CHESTROR_138KV_BK263 355645	38.80 0.95 0.00	35.85 0.70 0.00	35.32 0.62 0.00	35.62 0.63 0.00	36.49 0.61 0.00	37.92 0.60 0.00	45.32 0.98 0.00	50.82 1.24 0.00	42.37 0.99 0.00	36.16 0.81 0.00	33.34 0.72 0.00	31.03 0.64 0.00	29.98 0.59 0.00	28.60 0.59 0.00	27.44 0.64 0.00	27.58 0.70 0.00	31.89 0.69 0.00	42.22 1.07 0.00	54.27 1.48 0.00	65.53 1.91 0.00	61.00 1.72 0.00	49.55 1.44 0.00	41.98 1.26 0.00	37.62 0.92 0.00
CH_MIDHUDSON___DRP 24192	39.18 1.32 0.00	36.16 1.02 0.00	35.64 0.94 0.00	35.90 0.91 0.00	36.82 0.93 0.00	38.26 0.93 0.00	45.81 1.46 0.00	51.37 1.79 0.00	42.74 1.37 0.00	36.47 1.13 0.00	33.64 1.01 0.00	31.30 0.91 0.00	30.25 0.85 0.00	28.85 0.84 0.00	27.65 0.86 0.00	27.82 0.94 0.00	32.20 1.00 0.00	42.63 1.48 0.00	54.90 2.11 0.00	66.23 2.61 0.00	61.65 2.37 0.00	50.13 2.02 0.00	42.47 1.75 0.00	38.02 1.32 0.00
CH_MISC_IPPS 23765	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.07 1.09 0.00	36.96 1.08 0.00	38.52 1.19 0.00	46.03 1.68 0.00	51.57 1.99 0.00	42.99 1.61 0.00	36.65 1.31 0.00	33.83 1.21 0.00	31.48 1.09 0.00	30.34 0.94 0.00	28.93 0.92 0.00	27.73 0.94 0.00	27.93 1.05 0.00	32.26 1.06 0.00	42.79 1.65 0.00	55.06 2.27 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.28 2.17 0.00	42.55 1.83 0.00	38.17 1.47 0.00
CH_RES_BVR_FALLS 23983	37.29 -0.57 0.00	34.72 -0.42 0.00	34.35 -0.35 0.00	34.67 -0.32 0.00	35.59 -0.29 0.00	37.07 -0.26 0.00	44.04 -0.31 0.00	49.39 -0.20 0.00	41.21 -0.16 0.00	35.17 -0.18 0.00	32.53 -0.10 0.00	30.30 -0.09 0.00	29.31 -0.09 0.00	27.95 -0.06 0.00	26.74 -0.05 0.00	26.80 -0.08 0.00	31.14 -0.06 0.00	41.11 -0.04 0.00	52.79 0.00 0.00	63.63 0.00 0.00	59.22 -0.06 0.00	48.01 -0.10 0.00	40.43 -0.28 0.00	36.26 -0.44 0.00
CH_RES_NIAGARA 23895	36.19 -1.67 0.00	34.02 -1.12 0.00	33.69 -1.01 0.00	34.08 -0.91 0.00	34.95 -0.93 0.00	36.28 -1.05 0.00	42.31 -2.04 0.00	45.52 -4.07 0.00	39.35 -2.03 0.00	33.22 -2.12 0.00	30.70 -1.92 0.00	28.99 -1.40 0.00	27.72 -1.68 0.00	26.24 -1.76 0.00	24.92 -1.88 0.00	25.05 -1.83 0.00	29.11 -2.09 0.00	37.90 -3.25 0.00	47.99 -4.80 0.00	57.71 -5.92 0.00	53.71 -5.57 0.00	42.91 -5.20 0.00	36.85 -3.87 0.00	34.24 -2.46 0.00
CH_RES_SYRACUSE 23985	37.97 0.11 0.00	35.36 0.21 0.00	34.94 0.24 0.00	35.24 0.25 0.00	36.14 0.25 0.00	37.55 0.23 0.00	44.48 0.13 0.00	49.58 0.00 0.00	41.46 0.08 0.00	35.41 0.07 0.00	32.59 -0.03 0.00	30.33 -0.06 0.00	29.34 -0.06 0.00	27.90 -0.11 0.00	26.63 -0.16 0.00	26.74 -0.13 0.00	31.17 -0.03 0.00	41.02 -0.12 0.00	52.43 -0.37 0.00	63.25 -0.38 0.00	58.93 -0.35 0.00	47.63 -0.48 0.00	40.31 -0.41 0.00	36.48 -0.22 0.00
CLINTON_WT_PWR 323605	-5.87 -1.48 42.24	-5.80 -1.26 39.68	-5.64 -1.25 39.09	-5.60 -1.29 39.30	-5.43 -1.29 40.02	0.90 -1.31 35.12	42.80 -1.55 0.00	48.49 -1.09 0.00	40.55 -0.83 0.00	34.64 -0.71 0.00	32.27 -0.36 0.00	30.15 -0.24 0.00	29.19 -0.20 0.00	27.90 -0.11 0.00	26.77 -0.03 0.00	26.88 0.00 0.00	31.36 0.16 0.00	41.64 0.50 0.00	53.74 0.95 0.00	64.26 0.64 0.00	59.87 0.59 0.00	49.07 0.96 0.00	41.33 0.61 0.00	37.18 0.48 0.00
CLINTON___LFGE 323618	-6.59 -1.17 43.27	-6.52 -1.02 40.65	-6.42 -1.08 40.05	-6.42 -1.15 40.25	-6.29 -1.18 40.99	0.01 -1.34 35.98	42.71 -1.64 0.00	48.64 -0.94 0.00	40.76 -0.62 0.00	34.81 -0.53 0.00	32.59 -0.03 0.00	30.48 0.09 0.00	29.48 0.09 0.00	28.21 0.20 0.00	27.09 0.30 0.00	27.20 0.32 0.00	31.82 0.62 0.00	42.42 1.28 0.00	54.85 2.06 0.00	65.28 1.65 0.00	60.76 1.48 0.00	50.08 1.97 0.00	42.10 1.39 0.00	37.80 1.10 0.00
COBBLENY_34_KV_TB1 80064	37.62 -0.23 0.00	35.39 0.25 0.00	35.08 0.38 0.00	35.51 0.52 0.00	36.42 0.54 0.00	37.81 0.49 0.00	44.39 0.04 0.00	48.54 -1.04 0.00	41.83 0.46 0.00	35.24 -0.11 0.00	32.50 -0.13 0.00	30.48 0.09 0.00	29.25 -0.15 0.00	27.64 -0.36 0.00	26.29 -0.51 0.00	26.37 -0.51 0.00	30.61 -0.59 0.00	39.99 -1.15 0.00	50.89 -1.90 0.00	61.78 -1.85 0.00	57.21 -2.07 0.00	45.56 -2.55 0.00	38.68 -2.04 0.00	35.56 -1.14 0.00
COFFEEN___115KV_TB3 355620	40.21 0.68 -1.68	37.39 0.67 -1.57	37.01 0.76 -1.55	37.42 0.87 -1.56	38.44 0.97 -1.59	39.80 1.08 -1.39	45.32 0.98 0.00	50.82 1.24 0.00	42.21 0.83 0.00	35.66 0.32 0.00	32.56 -0.07 0.00	30.15 -0.24 0.00	29.01 -0.38 0.00	27.59 -0.42 0.00	26.31 -0.48 0.00	26.50 -0.38 0.00	31.17 -0.03 0.00	41.72 0.58 0.00	54.38 1.58 0.00	66.42 2.80 0.00	62.07 2.79 0.00	50.03 1.92 0.00	41.73 1.02 0.00	37.47 0.77 0.00
COLDSPRG_115KV_BK1 355956	38.65 0.79 0.00	36.37 1.23 0.00	36.12 1.42 0.00	36.56 1.57 0.00	37.57 1.69 0.00	39.04 1.72 0.00	45.77 1.42 0.00	49.98 0.40 0.00	43.12 1.74 0.00	36.33 0.99 0.00	33.57 0.95 0.00	31.48 1.09 0.00	30.19 0.79 0.00	28.51 0.50 0.00	27.06 0.27 0.00	27.12 0.24 0.00	31.48 0.28 0.00	41.02 -0.12 0.00	52.11 -0.69 0.00	62.86 -0.76 0.00	58.03 -1.24 0.00	46.09 -2.02 0.00	39.05 -1.67 0.00	35.97 -0.73 0.00
COLONIE_LFGE___ 323577	38.83 0.98 0.00	35.88 0.74 0.00	35.36 0.66 0.00	35.65 0.66 0.00	36.53 0.65 0.00	38.07 0.75 0.00	45.46 1.11 0.00	50.92 1.34 0.00	42.25 0.87 0.00	36.12 0.78 0.00	33.31 0.69 0.00	30.97 0.58 0.00	29.95 0.56 0.00	28.54 0.53 0.00	27.33 0.54 0.00	27.52 0.64 0.00	31.89 0.69 0.00	42.18 1.03 0.00	54.43 1.64 0.00	65.53 1.91 0.00	61.06 1.78 0.00	49.69 1.59 0.00	42.14 1.42 0.00	37.88 1.17 0.00
COOPERNY_115KV_TB1 80082	38.57 0.72 0.00	35.67 0.53 0.00	35.18 0.49 0.00	35.48 0.49 0.00	36.39 0.50 0.00	37.81 0.49 0.00	45.06 0.71 0.00	50.48 0.89 0.00	42.12 0.74 0.00	35.94 0.60 0.00	33.15 0.52 0.00	30.85 0.46 0.00	29.84 0.44 0.00	28.43 0.42 0.00	27.28 0.48 0.00	27.36 0.48 0.00	31.70 0.50 0.00	41.93 0.78 0.00	53.85 1.06 0.00	64.96 1.34 0.00	60.52 1.24 0.00	49.12 1.01 0.00	41.61 0.90 0.00	37.36 0.66 0.00
COPENHAGEN_WT_PWR 323753	39.74 0.30 -1.59	36.95 0.32 -1.49	36.55 0.38 -1.47	36.95 0.49 -1.47	37.96 0.57 -1.50	39.24 0.60 -1.32	44.84 0.49 0.00	50.33 0.74 0.00	41.83 0.46 0.00	35.41 0.07 0.00	32.36 -0.26 0.00	29.99 -0.40 0.00	28.90 -0.50 0.00	27.48 -0.53 0.00	26.23 -0.56 0.00	26.39 -0.48 0.00	31.01 -0.19 0.00	41.44 0.29 0.00	53.85 1.06 0.00	65.53 1.91 0.00	61.18 1.90 0.00	49.41 1.30 0.00	41.28 0.57 0.00	37.07 0.37 0.00
CORNELL_____ 23752	38.72 0.87 0.00	36.09 0.95 0.00	35.67 0.97 0.00	36.00 1.01 0.00	36.96 1.08 0.00	38.45 1.12 0.00	45.55 1.20 0.00	50.68 1.09 0.00	42.37 0.99 0.00	35.98 0.64 0.00	33.05 0.42 0.00	30.72 0.33 0.00	29.63 0.24 0.00	28.18 0.17 0.00	26.87 0.08 0.00	27.04 0.16 0.00	31.57 0.37 0.00	41.81 0.66 0.00	53.69 0.90 0.00	64.96 1.34 0.00	60.47 1.19 0.00	48.78 0.67 0.00	41.20 0.49 0.00	37.25 0.55 0.00

CORONA__69_KV_TB1 355595	39.71 1.85 0.00	36.51 1.37 0.00	35.98 1.28 0.00	36.14 1.15 0.00	37.17 1.29 0.00	38.63 1.31 0.00	46.39 2.04 0.00	51.87 2.28 0.00	43.03 1.66 0.00	36.72 1.38 0.00	33.87 1.24 0.00	31.54 1.15 0.00	30.45 1.06 0.00	29.07 1.06 0.00	27.92 1.13 0.00	28.20 1.32 0.00	32.60 1.40 0.00	43.12 1.98 0.00	55.59 2.80 0.00	67.12 3.50 0.00	62.42 3.14 0.00	51.19 3.08 0.00	43.24 2.52 0.00	38.61 1.91 0.00
CORTLAND__115KV_TB3 80093	38.34 0.49 0.00	35.71 0.56 0.00	35.29 0.59 0.00	35.62 0.63 0.00	36.53 0.65 0.00	38.00 0.67 0.00	45.06 0.71 0.00	50.13 0.55 0.00	41.96 0.58 0.00	35.73 0.39 0.00	32.85 0.23 0.00	30.57 0.18 0.00	29.51 0.12 0.00	28.09 0.08 0.00	26.79 0.00 0.00	26.93 0.05 0.00	31.36 0.16 0.00	41.43 0.29 0.00	53.11 0.32 0.00	64.26 0.64 0.00	59.81 0.53 0.00	48.30 0.19 0.00	40.80 0.08 0.00	36.92 0.22 0.00
COXSACKIE__GT 23611	39.74 1.89 0.00	36.80 1.65 0.00	36.22 1.53 0.00	36.67 1.68 0.00	37.57 1.69 0.00	39.19 1.87 0.00	46.61 2.26 0.00	52.21 2.63 0.00	42.99 1.61 0.00	36.44 1.10 0.00	33.41 0.78 0.00	31.00 0.61 0.00	29.89 0.50 0.00	28.46 0.45 0.00	27.33 0.54 0.00	27.47 0.59 0.00	31.92 0.72 0.00	42.75 1.60 0.00	55.64 2.85 0.00	67.31 3.69 0.00	62.72 3.44 0.00	50.80 2.69 0.00	43.03 2.32 0.00	38.68 1.98 0.00
CPV_VALLEY__CC1 323721	38.57 0.72 0.00	35.64 0.49 0.00	35.15 0.45 0.00	35.41 0.42 0.00	36.28 0.40 0.00	37.78 0.45 0.00	45.10 0.75 0.00	50.48 0.89 0.00	42.12 0.75 0.00	36.01 0.67 0.00	33.28 0.65 0.00	31.00 0.61 0.00	29.93 0.53 0.00	28.54 0.53 0.00	27.33 0.54 0.00	27.50 0.62 0.00	31.76 0.56 0.00	41.97 0.82 0.00	53.90 1.11 0.00	65.15 1.52 0.00	60.64 1.36 0.00	49.22 1.11 0.00	41.65 0.94 0.00	37.40 0.70 0.00
CPV_VALLEY__CC2 323722	38.57 0.72 0.00	35.64 0.49 0.00	35.15 0.45 0.00	35.41 0.42 0.00	36.28 0.40 0.00	37.78 0.45 0.00	45.10 0.75 0.00	50.48 0.89 0.00	42.12 0.75 0.00	36.01 0.67 0.00	33.28 0.65 0.00	31.00 0.61 0.00	29.93 0.53 0.00	28.54 0.53 0.00	27.33 0.54 0.00	27.50 0.62 0.00	31.76 0.56 0.00	41.97 0.82 0.00	53.90 1.11 0.00	65.15 1.52 0.00	60.64 1.36 0.00	49.22 1.11 0.00	41.65 0.94 0.00	37.40 0.70 0.00
CRESCENT__HYD 24018	38.83 0.98 0.00	35.88 0.74 0.00	35.36 0.66 0.00	35.65 0.66 0.00	36.53 0.65 0.00	38.07 0.75 0.00	45.46 1.11 0.00	50.92 1.34 0.00	42.25 0.87 0.00	36.12 0.78 0.00	33.31 0.69 0.00	30.97 0.58 0.00	29.95 0.56 0.00	28.54 0.53 0.00	27.33 0.54 0.00	27.52 0.64 0.00	31.89 0.69 0.00	42.18 1.03 0.00	54.43 1.64 0.00	65.53 1.91 0.00	61.06 1.78 0.00	49.69 1.59 0.00	42.14 1.42 0.00	37.88 1.17 0.00
CRICKET__VALLEY_CC1 323756	38.87 1.02 0.00	35.85 0.70 0.00	35.32 0.63 0.00	35.55 0.56 0.00	36.42 0.54 0.00	37.96 0.63 0.00	45.46 1.11 0.00	50.92 1.34 0.00	42.37 0.99 0.00	36.23 0.88 0.00	33.51 0.88 0.00	31.24 0.85 0.00	30.13 0.74 0.00	28.74 0.73 0.00	27.54 0.75 0.00	27.76 0.89 0.00	32.01 0.81 0.00	42.26 1.11 0.00	54.43 1.64 0.00	65.60 1.97 0.00	61.12 1.84 0.00	49.69 1.59 0.00	42.14 1.42 0.00	37.80 1.10 0.00
CRICKET__VALLEY_CC2 323757	38.87 1.02 0.00	35.85 0.70 0.00	35.32 0.63 0.00	35.55 0.56 0.00	36.42 0.54 0.00	37.96 0.63 0.00	45.46 1.11 0.00	50.92 1.34 0.00	42.37 0.99 0.00	36.23 0.88 0.00	33.51 0.88 0.00	31.24 0.85 0.00	30.13 0.74 0.00	28.74 0.73 0.00	27.54 0.75 0.00	27.76 0.89 0.00	32.01 0.81 0.00	42.26 1.11 0.00	54.43 1.64 0.00	65.60 1.97 0.00	61.12 1.84 0.00	49.69 1.59 0.00	42.14 1.42 0.00	37.80 1.10 0.00
CRICKET__VALLEY_CC3 323758	38.87 1.02 0.00	35.85 0.70 0.00	35.32 0.63 0.00	35.55 0.56 0.00	36.42 0.54 0.00	37.96 0.63 0.00	45.46 1.11 0.00	50.92 1.34 0.00	42.37 0.99 0.00	36.23 0.88 0.00	33.51 0.88 0.00	31.24 0.85 0.00	30.13 0.74 0.00	28.74 0.73 0.00	27.54 0.75 0.00	27.76 0.89 0.00	32.01 0.81 0.00	42.26 1.11 0.00	54.43 1.64 0.00	65.60 1.97 0.00	61.12 1.84 0.00	49.69 1.59 0.00	42.14 1.42 0.00	37.80 1.10 0.00
CRUCIBLE_METL_DRP 24180	37.93 0.08 0.00	35.36 0.21 0.00	34.94 0.24 0.00	35.27 0.28 0.00	36.13 0.25 0.00	37.59 0.26 0.00	44.53 0.18 0.00	49.58 0.00 0.00	41.50 0.12 0.00	35.45 0.11 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.37 -0.03 0.00	27.95 -0.06 0.00	26.66 -0.13 0.00	26.80 -0.08 0.00	31.17 -0.03 0.00	41.02 -0.12 0.00	52.42 -0.37 0.00	63.24 -0.38 0.00	58.92 -0.36 0.00	47.63 -0.48 0.00	40.31 -0.41 0.00	36.48 -0.22 0.00
DAHOWA__HYDRO 323763	39.78 1.93 0.00	36.90 1.76 0.00	36.36 1.67 0.00	36.88 1.89 0.00	37.78 1.90 0.00	39.45 2.13 0.00	47.05 2.71 0.00	52.71 3.13 0.00	43.08 1.70 0.00	36.26 0.92 0.00	33.05 0.42 0.00	30.51 0.12 0.00	29.51 0.12 0.00	28.01 0.00 0.00	26.79 0.00 0.00	27.07 0.19 0.00	31.79 0.59 0.00	42.63 1.48 0.00	55.28 2.48 0.00	66.74 3.12 0.00	62.24 2.96 0.00	50.56 2.45 0.00	42.75 2.03 0.00	38.35 1.65 0.00
DANC__LFGE 323619	38.86 -0.08 -1.09	36.17 0.00 -1.02	35.74 0.03 -1.01	36.11 0.11 -1.01	37.09 0.18 -1.03	38.38 0.15 -0.90	44.35 0.00 0.00	49.68 0.10 0.00	41.38 0.00 0.00	35.13 -0.21 0.00	32.20 -0.43 0.00	29.87 -0.52 0.00	28.84 -0.56 0.00	27.42 -0.59 0.00	26.18 -0.62 0.00	26.31 -0.57 0.00	30.83 -0.37 0.00	40.94 -0.20 0.00	52.90 0.11 0.00	64.20 0.57 0.00	59.87 0.59 0.00	48.35 0.24 0.00	40.59 -0.12 0.00	36.55 -0.15 0.00
DANSKAMMER__1 23586	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.07 1.09 0.00	36.96 1.08 0.00	38.52 1.19 0.00	46.03 1.68 0.00	51.57 1.99 0.00	42.99 1.61 0.00	36.65 1.31 0.00	33.83 1.21 0.00	31.48 1.09 0.00	30.34 0.94 0.00	28.93 0.92 0.00	27.73 0.94 0.00	27.93 1.05 0.00	32.26 1.06 0.00	42.79 1.65 0.00	55.06 2.27 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.28 2.17 0.00	42.55 1.83 0.00	38.17 1.47 0.00
DANSKAMMER__2 23589	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.07 1.09 0.00	36.96 1.08 0.00	38.52 1.19 0.00	46.03 1.68 0.00	51.57 1.99 0.00	42.99 1.61 0.00	36.65 1.31 0.00	33.83 1.21 0.00	31.48 1.09 0.00	30.34 0.94 0.00	28.93 0.92 0.00	27.73 0.94 0.00	27.93 1.05 0.00	32.26 1.06 0.00	42.79 1.65 0.00	55.06 2.27 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.28 2.17 0.00	42.55 1.83 0.00	38.17 1.47 0.00
DANSKAMMER__3 23590	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.07 1.09 0.00	36.96 1.08 0.00	38.52 1.19 0.00	46.03 1.68 0.00	51.57 1.99 0.00	42.99 1.61 0.00	36.65 1.31 0.00	33.83 1.21 0.00	31.48 1.09 0.00	30.34 0.94 0.00	28.93 0.92 0.00	27.73 0.94 0.00	27.93 1.05 0.00	32.26 1.06 0.00	42.79 1.65 0.00	55.06 2.27 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.28 2.17 0.00	42.55 1.83 0.00	38.17 1.47 0.00

DANSKAMMER___4 23591	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.07 1.09 0.00	36.96 1.08 0.00	38.52 1.19 0.00	46.03 1.68 0.00	51.57 1.99 0.00	42.99 1.61 0.00	36.65 1.31 0.00	33.83 1.21 0.00	31.48 1.09 0.00	30.34 0.94 0.00	28.93 0.92 0.00	27.73 0.94 0.00	27.93 1.05 0.00	32.26 1.06 0.00	42.79 1.65 0.00	55.06 2.27 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.28 2.17 0.00	42.55 1.83 0.00	38.17 1.47 0.00
DANSKAMMER___DIESEL 23592	39.33 1.48 0.00	36.30 1.16 0.00	35.77 1.08 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.45 1.12 0.00	45.99 1.64 0.00	51.57 1.98 0.00	42.95 1.57 0.00	36.62 1.27 0.00	33.70 1.08 0.00	31.33 0.94 0.00	30.28 0.88 0.00	28.88 0.87 0.00	27.71 0.91 0.00	27.85 0.97 0.00	32.23 1.03 0.00	42.79 1.65 0.00	55.12 2.32 0.00	66.55 2.93 0.00	61.95 2.67 0.00	50.27 2.16 0.00	42.59 1.87 0.00	38.17 1.47 0.00
DARBY___SOLAR 323810	39.89 2.04 0.00	36.97 1.83 0.00	36.47 1.77 0.00	36.95 1.96 0.00	37.89 2.01 0.00	39.53 2.20 0.00	47.10 2.75 0.00	52.81 3.22 0.00	43.16 1.78 0.00	36.37 1.03 0.00	33.15 0.52 0.00	30.66 0.27 0.00	29.66 0.26 0.00	28.12 0.11 0.00	26.90 0.11 0.00	27.15 0.27 0.00	31.89 0.69 0.00	42.55 1.40 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.42 2.31 0.00	42.67 1.95 0.00	38.31 1.61 0.00
DASHVILLE___HYD 23610	39.18 1.32 0.00	36.16 1.02 0.00	35.64 0.94 0.00	35.93 0.94 0.00	36.85 0.97 0.00	38.26 0.93 0.00	45.77 1.42 0.00	51.22 1.64 0.00	42.62 1.24 0.00	36.33 0.99 0.00	33.47 0.85 0.00	31.12 0.73 0.00	30.10 0.71 0.00	28.71 0.70 0.00	27.54 0.75 0.00	27.68 0.81 0.00	32.01 0.81 0.00	42.46 1.32 0.00	54.69 1.90 0.00	66.04 2.42 0.00	61.53 2.25 0.00	49.98 1.88 0.00	42.34 1.63 0.00	37.99 1.28 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.29 1.44 0.00	35.74 0.60 0.00	35.25 0.56 0.00	35.37 0.38 0.00	36.53 0.65 0.00	37.96 0.63 0.00	46.03 1.69 0.00	50.97 1.39 0.00	42.00 0.62 0.00	35.70 0.35 0.00	32.66 0.03 0.00	30.30 -0.09 0.00	29.25 -0.15 0.00	28.04 0.03 0.00	27.17 0.38 0.00	27.90 1.02 0.00	31.95 0.75 0.00	42.18 1.03 0.00	54.80 2.01 0.00	66.62 2.99 0.00	62.01 2.73 0.00	51.14 3.03 0.00	43.32 2.61 0.00	38.65 1.95 0.00
DELAWARE___LFGE 323621	38.80 0.95 0.00	35.99 0.84 0.00	35.53 0.83 0.00	35.83 0.84 0.00	36.74 0.86 0.00	38.22 0.90 0.00	45.41 1.06 0.00	50.82 1.24 0.00	42.41 1.03 0.00	36.12 0.78 0.00	33.21 0.59 0.00	30.91 0.52 0.00	29.92 0.53 0.00	28.51 0.50 0.00	27.28 0.48 0.00	27.33 0.46 0.00	31.79 0.59 0.00	42.09 0.95 0.00	54.11 1.32 0.00	65.28 1.65 0.00	60.82 1.54 0.00	49.31 1.20 0.00	41.69 0.98 0.00	37.55 0.84 0.00
DERFIELD_115KV_TB7 355931	37.93 0.08 0.00	35.21 0.07 0.00	34.77 0.07 0.00	35.06 0.07 0.00	35.95 0.07 0.00	37.40 0.07 0.00	44.44 0.09 0.00	49.73 0.15 0.00	41.46 0.08 0.00	35.41 0.07 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.43 0.03 0.00	28.04 0.03 0.00	26.82 0.03 0.00	26.93 0.05 0.00	31.26 0.06 0.00	41.23 0.08 0.00	52.95 0.16 0.00	63.82 0.19 0.00	59.46 0.18 0.00	48.25 0.14 0.00	40.80 0.08 0.00	36.74 0.04 0.00
DOGLEVILLE___HYD 23807	37.55 -0.30 0.00	34.83 -0.32 0.00	34.42 -0.28 0.00	34.78 -0.21 0.00	35.70 -0.18 0.00	37.18 -0.15 0.00	44.22 -0.13 0.00	49.53 -0.05 0.00	41.38 0.00 0.00	35.41 0.07 0.00	32.72 0.10 0.00	30.51 0.12 0.00	29.54 0.15 0.00	28.18 0.17 0.00	26.98 0.19 0.00	27.12 0.24 0.00	31.51 0.31 0.00	41.68 0.53 0.00	53.64 0.84 0.00	64.77 1.15 0.00	60.35 1.07 0.00	48.93 0.82 0.00	41.24 0.53 0.00	36.99 0.29 0.00
DUNKIRK___115KV_TB_200 55889	38.08 0.23 0.00	35.85 0.70 0.00	35.57 0.87 0.00	36.00 1.01 0.00	36.96 1.08 0.00	38.41 1.08 0.00	45.01 0.67 0.00	48.99 -0.60 0.00	42.25 0.87 0.00	35.59 0.25 0.00	32.89 0.26 0.00	30.91 0.52 0.00	29.60 0.21 0.00	28.01 0.00 0.00	26.58 -0.21 0.00	26.66 -0.22 0.00	30.95 -0.25 0.00	40.32 -0.82 0.00	51.10 -1.69 0.00	61.53 -2.10 0.00	56.85 -2.43 0.00	45.17 -2.93 0.00	38.39 -2.32 0.00	35.45 -1.25 0.00
DUNKIRK___1 23563	38.08 0.23 0.00	35.85 0.70 0.00	35.57 0.87 0.00	36.00 1.01 0.00	36.96 1.08 0.00	38.41 1.08 0.00	45.01 0.67 0.00	48.99 -0.60 0.00	42.25 0.87 0.00	35.59 0.25 0.00	32.89 0.26 0.00	30.91 0.52 0.00	29.60 0.21 0.00	28.01 0.00 0.00	26.58 -0.21 0.00	26.66 -0.22 0.00	30.95 -0.25 0.00	40.32 -0.82 0.00	51.10 -1.69 0.00	61.53 -2.10 0.00	56.85 -2.43 0.00	45.17 -2.93 0.00	38.39 -2.32 0.00	35.45 -1.25 0.00
DUNKIRK___2 23564	38.08 0.23 0.00	35.85 0.70 0.00	35.57 0.87 0.00	36.00 1.01 0.00	36.96 1.08 0.00	38.41 1.08 0.00	45.01 0.67 0.00	48.99 -0.60 0.00	42.25 0.87 0.00	35.59 0.25 0.00	32.89 0.26 0.00	30.91 0.52 0.00	29.60 0.21 0.00	28.01 0.00 0.00	26.58 -0.21 0.00	26.66 -0.22 0.00	30.95 -0.25 0.00	40.32 -0.82 0.00	51.10 -1.69 0.00	61.53 -2.10 0.00	56.85 -2.43 0.00	45.17 -2.93 0.00	38.39 -2.32 0.00	35.45 -1.25 0.00
DUNKIRK___3 23565	37.85 0.00 0.00	35.60 0.46 0.00	35.32 0.62 0.00	35.76 0.77 0.00	36.67 0.79 0.00	38.11 0.78 0.00	44.66 0.31 0.00	48.54 -1.04 0.00	41.87 0.50 0.00	35.31 -0.04 0.00	32.63 0.00 0.00	30.66 0.27 0.00	29.37 -0.03 0.00	27.78 -0.22 0.00	26.39 -0.40 0.00	26.47 -0.40 0.00	30.73 -0.47 0.00	40.08 -1.07 0.00	50.79 -2.01 0.00	61.21 -2.42 0.00	56.67 -2.61 0.00	45.08 -3.03 0.00	38.35 -2.36 0.00	35.42 -1.28 0.00
DUNKIRK___4 23566	37.85 0.00 0.00	35.60 0.46 0.00	35.32 0.62 0.00	35.76 0.77 0.00	36.67 0.79 0.00	38.11 0.78 0.00	44.66 0.31 0.00	48.54 -1.04 0.00	41.87 0.50 0.00	35.31 -0.04 0.00	32.63 0.00 0.00	30.66 0.27 0.00	29.37 -0.03 0.00	27.78 -0.22 0.00	26.39 -0.40 0.00	26.47 -0.40 0.00	30.73 -0.47 0.00	40.08 -1.07 0.00	50.79 -2.01 0.00	61.21 -2.42 0.00	56.67 -2.61 0.00	45.08 -3.03 0.00	38.35 -2.36 0.00	35.42 -1.28 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.33 1.48 0.00	36.27 1.12 0.00	35.74 1.04 0.00	35.97 0.98 0.00	36.89 1.00 0.00	38.30 0.97 0.00	45.90 1.55 0.00	51.47 1.88 0.00	42.91 1.53 0.00	36.69 1.34 0.00	33.87 1.24 0.00	31.54 1.15 0.00	30.48 1.09 0.00	29.05 1.04 0.00	27.84 1.04 0.00	28.06 1.18 0.00	32.42 1.22 0.00	42.83 1.69 0.00	55.12 2.32 0.00	66.49 2.86 0.00	61.89 2.61 0.00	50.37 2.26 0.00	42.63 1.91 0.00	38.13 1.43 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.03 1.17 0.00	36.06 0.91 0.00	35.53 0.83 0.00	35.79 0.80 0.00	36.71 0.83 0.00	38.15 0.82 0.00	45.63 1.29 0.00	51.12 1.54 0.00	42.62 1.24 0.00	36.37 1.02 0.00	33.47 0.85 0.00	31.15 0.76 0.00	30.10 0.71 0.00	28.71 0.70 0.00	27.54 0.75 0.00	27.68 0.81 0.00	32.04 0.84 0.00	42.46 1.32 0.00	54.64 1.85 0.00	65.98 2.35 0.00	61.47 2.19 0.00	49.89 1.78 0.00	42.22 1.51 0.00	37.88 1.17 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.49 1.63 -0.01	36.38 1.23 -0.01	35.85 1.15 -0.01	36.12 1.12 -0.01	37.00 1.11 0.00	38.37 1.05 0.00	45.98 1.64 0.01	51.61 2.03 0.01	43.07 1.70 0.01	36.82 1.48 0.01	33.99 1.37 0.01	31.69 1.31 0.01	30.62 1.23 0.01	29.18 1.18 0.01	27.97 1.18 0.01	28.16 1.29 0.01	32.53 1.34 0.01	42.99 1.85 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.51 2.41 0.01	42.74 2.04 0.01	38.20 1.50 0.01
E179THST_13_KV_LOAD 356214	39.64 1.78 -0.01	36.52 1.37 -0.01	35.99 1.28 -0.01	36.22 1.22 -0.01	37.10 1.22 0.00	38.48 1.16 0.00	46.16 1.82 0.01	51.81 2.23 0.01	43.23 1.86 0.01	37.00 1.66 0.01	34.12 1.50 0.01	31.81 1.43 0.01	30.74 1.35 0.01	29.29 1.29 0.01	28.07 1.29 0.01	28.27 1.40 0.01	32.66 1.47 0.01	43.15 2.02 0.01	55.58 2.80 0.01	66.74 3.12 0.00	62.24 2.96 0.00	50.70 2.60 0.01	42.91 2.20 0.01	38.34 1.65 0.01
EAST HAMPTON___GT 23717	38.83 0.98 0.00	35.46 0.32 0.00	35.01 0.31 0.00	34.99 0.00 0.00	36.14 0.25 0.00	37.55 0.23 0.00	45.86 1.51 0.00	50.43 0.84 0.00	41.75 0.37 0.00	35.41 0.07 0.01	32.39 -0.23 0.01	30.05 -0.33 0.01	28.89 -0.50 0.01	27.75 -0.25 0.01	26.90 0.11 0.00	27.36 0.48 0.00	31.29 0.09 0.00	41.76 0.62 0.00	54.38 1.58 0.00	66.23 2.61 0.00	61.95 2.67 0.00	51.38 3.27 0.00	43.36 2.64 0.00	38.87 2.16 0.00
EAST RIVER___6 23660	39.48 1.63 0.00	36.45 1.30 0.00	35.95 1.25 0.00	36.14 1.15 0.00	37.03 1.15 0.00	38.56 1.23 0.00	46.25 1.91 0.00	51.76 2.18 0.00	43.24 1.86 0.00	37.01 1.66 0.00	34.22 1.60 0.00	31.97 1.58 0.00	30.78 1.38 0.00	29.35 1.34 0.00	28.11 1.31 0.00	28.30 1.42 0.00	32.67 1.47 0.00	43.08 1.93 0.00	55.33 2.53 0.00	66.81 3.18 0.00	62.24 2.96 0.00	50.51 2.40 0.00	42.71 1.99 0.00	38.24 1.54 0.00
EAST RIVER___7 23524	39.48 1.63 0.00	36.45 1.30 0.00	35.95 1.25 0.00	36.14 1.15 0.00	37.03 1.15 0.00	38.56 1.23 0.00	46.25 1.91 0.00	51.76 2.18 0.00	43.24 1.86 0.00	37.01 1.66 0.00	34.22 1.60 0.00	31.97 1.58 0.00	30.78 1.38 0.00	29.35 1.34 0.00	28.11 1.31 0.00	28.30 1.42 0.00	32.67 1.47 0.00	43.08 1.93 0.00	55.33 2.53 0.00	66.81 3.18 0.00	62.24 2.96 0.00	50.51 2.40 0.00	42.71 1.99 0.00	38.24 1.54 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.25 1.40 0.00	36.20 1.05 0.00	35.67 0.97 0.00	35.90 0.91 0.00	36.82 0.93 0.00	38.26 0.93 0.00	45.81 1.46 0.00	51.37 1.79 0.00	42.83 1.45 0.00	36.62 1.27 0.00	33.77 1.14 0.00	31.45 1.06 0.00	30.40 1.00 0.00	28.99 0.98 0.00	27.79 0.99 0.00	27.98 1.10 0.00	32.32 1.12 0.00	42.75 1.60 0.00	55.01 2.22 0.00	66.36 2.74 0.00	61.77 2.49 0.00	50.22 2.12 0.00	42.51 1.79 0.00	38.06 1.36 0.00
EAST_HAMPTON___DIESEL 23722	38.76 0.91 0.00	35.39 0.25 0.00	34.94 0.24 0.00	34.92 -0.07 0.00	36.06 0.18 0.00	37.48 0.15 0.00	45.77 1.42 0.00	50.33 0.74 0.00	41.67 0.29 0.00	35.34 0.00 0.01	32.29 -0.33 0.01	29.96 -0.43 0.01	28.80 -0.59 0.01	27.67 -0.33 0.01	26.82 0.03 0.00	27.31 0.43 0.00	31.20 0.00 0.00	41.68 0.53 0.00	54.22 1.43 0.00	66.10 2.48 0.00	61.83 2.55 0.00	51.33 3.22 0.00	43.32 2.61 0.00	38.83 2.13 0.00
EAST_POINT___SOLAR 323840	39.74 1.89 0.00	36.87 1.72 0.00	36.43 1.73 0.00	36.84 1.85 0.00	37.78 1.90 0.00	39.42 2.09 0.00	46.79 2.44 0.00	51.82 2.23 0.00	42.41 1.03 0.00	35.45 0.11 0.00	32.36 -0.26 0.00	29.69 -0.70 0.00	29.13 -0.27 0.00	27.76 -0.25 0.00	26.42 -0.38 0.00	26.77 -0.11 0.00	31.51 0.31 0.00	42.91 1.77 0.00	56.22 3.43 0.00	68.21 4.58 0.00	63.67 4.39 0.00	51.47 3.37 0.00	43.32 2.61 0.00	38.79 2.09 0.00
EAST_PULASKI___ESR 323781	37.55 -0.30 0.00	34.93 -0.21 0.00	34.53 -0.17 0.00	34.85 -0.14 0.00	35.74 -0.14 0.00	37.14 -0.19 0.00	43.99 -0.36 0.00	49.14 -0.45 0.00	41.05 -0.33 0.00	34.99 -0.35 0.00	32.14 -0.49 0.00	29.87 -0.52 0.00	28.84 -0.56 0.00	27.45 -0.56 0.00	26.20 -0.59 0.00	26.31 -0.57 0.00	30.73 -0.47 0.00	40.57 -0.58 0.00	52.11 -0.69 0.00	63.05 -0.57 0.00	58.75 -0.53 0.00	47.48 -0.63 0.00	40.06 -0.65 0.00	36.15 -0.55 0.00
EAST_RIVER___1 323558	39.40 1.55 0.00	36.37 1.23 0.00	35.88 1.18 0.00	36.11 1.12 0.00	37.00 1.11 0.00	38.52 1.19 0.00	46.21 1.86 0.00	51.67 2.08 0.00	43.16 1.78 0.00	36.94 1.59 0.00	34.16 1.53 0.00	31.91 1.52 0.00	30.75 1.35 0.00	29.33 1.32 0.00	28.05 1.26 0.00	28.27 1.40 0.00	32.61 1.41 0.00	43.00 1.85 0.00	55.28 2.48 0.00	66.81 3.18 0.00	62.18 2.90 0.00	50.46 2.36 0.00	42.67 1.95 0.00	38.17 1.47 0.00
EAST_RIVER___2 323559	39.48 1.63 0.00	36.45 1.30 0.00	35.95 1.25 0.00	36.14 1.15 0.00	37.03 1.15 0.00	38.56 1.23 0.00	46.25 1.91 0.00	51.76 2.18 0.00	43.24 1.86 0.00	37.01 1.66 0.00	34.22 1.60 0.00	31.97 1.58 0.00	30.78 1.38 0.00	29.35 1.34 0.00	28.11 1.31 0.00	28.30 1.42 0.00	32.67 1.47 0.00	43.08 1.93 0.00	55.33 2.53 0.00	66.81 3.18 0.00	62.24 2.96 0.00	50.51 2.40 0.00	42.71 1.99 0.00	38.24 1.54 0.00
EAST___DELAWARE_HYD 23607	39.06 1.21 0.00	36.09 0.95 0.00	35.60 0.90 0.00	35.90 0.91 0.00	36.78 0.90 0.00	38.34 1.01 0.00	45.73 1.38 0.00	51.22 1.63 0.00	42.66 1.28 0.00	36.30 0.95 0.00	33.44 0.82 0.00	31.09 0.70 0.00	29.98 0.59 0.00	28.60 0.59 0.00	27.41 0.62 0.00	27.55 0.67 0.00	31.89 0.69 0.00	42.38 1.23 0.00	54.59 1.80 0.00	66.10 2.48 0.00	61.59 2.31 0.00	49.84 1.73 0.00	42.18 1.46 0.00	37.84 1.14 0.00
EIGHT_POINT___WT_PWR 323820	36.83 -1.02 0.00	34.55 -0.60 0.00	34.39 -0.31 0.00	34.92 -0.07 0.00	35.95 0.07 0.00	37.48 0.15 0.00	44.22 -0.13 0.00	48.69 -0.89 0.00	41.38 0.00 0.00	35.10 -0.25 0.00	32.20 -0.43 0.00	30.06 -0.33 0.00	28.96 -0.44 0.00	27.45 -0.56 0.00	26.18 -0.62 0.00	26.26 -0.62 0.00	30.67 -0.53 0.00	40.57 -0.58 0.00	52.05 -0.74 0.00	62.86 -0.76 0.00	58.09 -1.19 0.00	46.23 -1.88 0.00	39.01 -1.71 0.00	35.38 -1.32 0.00
ELBRIDGE_115KV_TB2 80188	37.74 -0.11 0.00	35.18 0.04 0.00	34.77 0.07 0.00	35.06 0.07 0.00	35.95 0.07 0.00	37.36 0.04 0.00	44.30 -0.04 0.00	49.29 -0.30 0.00	41.30 -0.08 0.00	35.24 -0.11 0.00	32.50 -0.13 0.00	30.27 -0.12 0.00	29.22 -0.18 0.00	27.81 -0.20 0.00	26.53 -0.27 0.00	26.64 -0.24 0.00	30.98 -0.22 0.00	40.78 -0.37 0.00	52.11 -0.69 0.00	62.86 -0.76 0.00	58.57 -0.71 0.00	47.34 -0.77 0.00	40.06 -0.65 0.00	36.26 -0.44 0.00
ELEC_TRO_TEK 24086	39.52 1.67 0.00	36.30 1.16 0.00	35.77 1.08 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.41 1.08 0.00	46.17 1.82 0.00	51.62 2.03 0.00	42.83 1.45 0.00	36.55 1.20 0.00	33.70 1.08 0.00	31.39 1.00 0.00	30.31 0.91 0.00	28.93 0.92 0.00	27.79 0.99 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.92 1.77 0.00	55.27 2.48 0.00	66.74 3.12 0.00	62.07 2.79 0.00	50.85 2.74 0.00	42.99 2.28 0.00	38.43 1.72 0.00

ELLENBURG_WT_PWR 323604	-5.87 -1.48 42.24	-5.80 -1.26 39.68	-5.64 -1.25 39.09	-5.60 -1.29 39.30	-5.43 -1.29 40.02	0.90 -1.31 35.12	42.80 -1.55 0.00	48.49 -1.09 0.00	40.55 -0.83 0.00	34.64 -0.71 0.00	32.27 -0.36 0.00	30.15 -0.24 0.00	29.19 -0.20 0.00	27.90 -0.11 0.00	26.77 -0.03 0.00	26.88 0.00 0.00	31.36 0.16 0.00	41.64 0.50 0.00	53.74 0.95 0.00	64.26 0.64 0.00	59.87 0.59 0.00	49.07 0.96 0.00	41.33 0.61 0.00	37.18 0.48 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.17 -0.68 0.00	34.97 -0.18 0.00	34.66 -0.03 0.00	35.06 0.07 0.00	35.95 0.07 0.00	37.33 0.00 0.00	43.59 -0.75 0.00	47.11 -2.48 0.00	40.67 -0.70 0.00	34.32 -1.02 0.00	31.75 -0.88 0.00	29.90 -0.49 0.00	28.63 -0.76 0.00	27.08 -0.92 0.00	25.72 -1.07 0.00	25.83 -1.05 0.00	30.01 -1.19 0.00	39.13 -2.02 0.00	49.68 -3.11 0.00	59.74 -3.88 0.00	55.55 -3.73 0.00	44.36 -3.75 0.00	37.95 -2.77 0.00	35.16 -1.54 0.00
EMPIRE_CC_1 323656	38.49 0.64 0.00	35.53 0.39 0.00	35.01 0.31 0.00	35.27 0.28 0.00	36.17 0.29 0.00	37.66 0.34 0.00	44.92 0.58 0.00	50.18 0.60 0.00	41.71 0.33 0.00	35.84 0.49 0.00	33.08 0.46 0.00	30.78 0.39 0.00	29.78 0.38 0.00	28.40 0.39 0.00	27.20 0.40 0.00	27.36 0.48 0.00	31.67 0.47 0.00	41.60 0.45 0.00	53.59 0.79 0.00	64.33 0.70 0.00	59.93 0.65 0.00	48.93 0.82 0.00	41.53 0.81 0.00	37.51 0.81 0.00
EMPIRE_CC_2 323658	38.49 0.64 0.00	35.53 0.39 0.00	35.01 0.31 0.00	35.27 0.28 0.00	36.17 0.29 0.00	37.66 0.34 0.00	44.92 0.58 0.00	50.18 0.60 0.00	41.71 0.33 0.00	35.84 0.49 0.00	33.08 0.46 0.00	30.78 0.39 0.00	29.78 0.38 0.00	28.40 0.39 0.00	27.20 0.40 0.00	27.36 0.48 0.00	31.67 0.47 0.00	41.60 0.45 0.00	53.59 0.79 0.00	64.33 0.70 0.00	59.93 0.65 0.00	48.93 0.82 0.00	41.53 0.81 0.00	37.51 0.81 0.00
ENORWICH_115KV_TB1 80156	40.24 2.38 0.00	37.53 2.39 0.00	37.23 2.53 0.00	37.65 2.66 0.00	38.72 2.83 0.00	40.31 2.99 0.00	47.54 3.19 0.00	53.30 3.72 0.00	44.27 2.90 0.00	37.29 1.94 0.00	33.93 1.31 0.00	31.42 1.03 0.00	30.25 0.85 0.00	28.74 0.73 0.00	27.41 0.62 0.00	27.71 0.83 0.00	32.73 1.53 0.00	43.94 2.80 0.00	57.07 4.28 0.00	69.29 5.66 0.00	64.44 5.16 0.00	51.67 3.56 0.00	43.36 2.65 0.00	39.05 2.35 0.00
ERIE_ST__34_KV_TB1-2 80199	37.74 -0.11 0.00	35.50 0.35 0.00	35.18 0.49 0.00	35.58 0.59 0.00	36.49 0.61 0.00	37.89 0.56 0.00	44.30 -0.04 0.00	48.05 -1.54 0.00	41.46 0.08 0.00	34.99 -0.35 0.00	32.33 -0.29 0.00	30.42 0.03 0.00	29.13 -0.26 0.00	27.56 -0.45 0.00	26.18 -0.62 0.00	26.31 -0.56 0.00	30.58 -0.62 0.00	39.91 -1.23 0.00	50.73 -2.06 0.00	61.21 -2.42 0.00	56.85 -2.43 0.00	45.32 -2.79 0.00	38.68 -2.04 0.00	35.75 -0.95 0.00
ERIE_WT_PWR 323693	37.51 -0.34 0.00	35.25 0.11 0.00	34.94 0.24 0.00	35.30 0.31 0.00	36.28 0.40 0.00	37.55 0.23 0.00	43.59 -0.75 0.00	47.55 -2.04 0.00	40.92 -0.45 0.00	34.53 -0.81 0.00	31.91 -0.72 0.00	29.90 -0.49 0.00	28.84 -0.56 0.00	27.28 -0.73 0.00	26.07 -0.72 0.00	26.02 -0.86 0.00	30.29 -0.91 0.00	39.50 -1.65 0.00	50.21 -2.59 0.00	60.38 -3.24 0.00	55.96 -3.32 0.00	44.74 -3.37 0.00	38.31 -2.40 0.00	35.45 -1.25 0.00
ESPRGFLD_115KV_TB1 80157	39.18 1.32 0.00	36.37 1.23 0.00	35.95 1.25 0.00	36.32 1.33 0.00	37.28 1.40 0.00	38.82 1.49 0.00	46.03 1.69 0.00	51.47 1.88 0.00	42.70 1.32 0.00	36.16 0.81 0.00	33.12 0.49 0.00	30.66 0.27 0.00	29.75 0.35 0.00	28.32 0.31 0.00	27.04 0.24 0.00	27.17 0.30 0.00	31.79 0.59 0.00	42.55 1.40 0.00	55.06 2.27 0.00	66.74 3.12 0.00	62.13 2.85 0.00	50.22 2.12 0.00	42.34 1.63 0.00	38.02 1.32 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.65 0.79 0.00	36.02 0.88 0.00	35.64 0.94 0.00	35.97 0.98 0.00	36.89 1.00 0.00	38.37 1.05 0.00	45.46 1.11 0.00	50.58 0.99 0.00	42.29 0.91 0.00	35.94 0.60 0.00	33.02 0.39 0.00	30.69 0.30 0.00	29.60 0.21 0.00	28.15 0.14 0.00	26.85 0.05 0.00	27.01 0.13 0.00	31.51 0.31 0.00	41.76 0.62 0.00	53.64 0.84 0.00	64.83 1.21 0.00	60.41 1.13 0.00	48.69 0.58 0.00	41.12 0.41 0.00	37.21 0.51 0.00
ETNA____115KV_TB2 80207	38.65 0.79 0.00	36.02 0.88 0.00	35.64 0.94 0.00	35.97 0.98 0.00	36.89 1.00 0.00	38.37 1.05 0.00	45.46 1.11 0.00	50.58 0.99 0.00	42.29 0.91 0.00	35.94 0.60 0.00	33.02 0.39 0.00	30.69 0.30 0.00	29.60 0.21 0.00	28.15 0.14 0.00	26.85 0.05 0.00	27.01 0.13 0.00	31.51 0.31 0.00	41.76 0.62 0.00	53.64 0.84 0.00	64.83 1.21 0.00	60.41 1.13 0.00	48.69 0.58 0.00	41.12 0.41 0.00	37.21 0.51 0.00
EUCLID__115KV_TB2 356179	37.51 -0.34 0.00	34.93 -0.21 0.00	34.49 -0.21 0.00	34.81 -0.17 0.00	35.70 -0.18 0.00	37.10 -0.22 0.00	43.99 -0.35 0.00	48.94 -0.64 0.00	41.01 -0.37 0.00	35.03 -0.32 0.00	32.33 -0.29 0.00	30.12 -0.27 0.00	29.07 -0.32 0.00	27.67 -0.34 0.00	26.42 -0.38 0.00	26.53 -0.35 0.00	30.83 -0.37 0.00	40.53 -0.62 0.00	51.79 -1.00 0.00	62.48 -1.15 0.00	58.21 -1.07 0.00	47.05 -1.06 0.00	39.82 -0.90 0.00	36.04 -0.66 0.00
E_CANADA_CAP_HY 24051	39.18 1.32 0.00	36.34 1.20 0.00	35.88 1.18 0.00	36.28 1.30 0.00	37.21 1.33 0.00	38.78 1.45 0.00	46.12 1.78 0.00	51.42 1.84 0.00	42.33 0.95 0.00	35.73 0.39 0.00	32.76 0.13 0.00	30.27 -0.12 0.00	29.43 0.03 0.00	28.01 0.00 0.00	26.74 -0.05 0.00	26.93 0.05 0.00	31.54 0.34 0.00	42.46 1.32 0.00	55.33 2.53 0.00	67.06 3.43 0.00	62.54 3.26 0.00	50.61 2.50 0.00	42.63 1.91 0.00	38.17 1.47 0.00
E_CANADA_MHWK_HY 24050	37.55 -0.30 0.00	34.83 -0.32 0.00	34.42 -0.28 0.00	34.78 -0.21 0.00	35.70 -0.18 0.00	37.18 -0.15 0.00	44.22 -0.13 0.00	49.53 -0.05 0.00	41.38 0.00 0.00	35.41 0.07 0.00	32.72 0.10 0.00	30.51 0.12 0.00	29.54 0.15 0.00	28.18 0.17 0.00	26.98 0.19 0.00	27.12 0.24 0.00	31.51 0.31 0.00	41.68 0.53 0.00	53.64 0.84 0.00	64.77 1.15 0.00	60.35 1.07 0.00	48.93 0.82 0.00	41.24 0.53 0.00	36.99 0.29 0.00
E_FISHKILL__LBMP 23776	39.03 1.17 0.00	36.02 0.88 0.00	35.50 0.80 0.00	35.76 0.77 0.00	36.64 0.75 0.00	38.07 0.75 0.00	45.59 1.24 0.00	51.12 1.54 0.00	42.58 1.20 0.00	36.40 1.06 0.00	33.57 0.95 0.00	31.27 0.88 0.00	30.22 0.82 0.00	28.82 0.81 0.00	27.62 0.83 0.00	27.79 0.91 0.00	32.14 0.94 0.00	42.46 1.32 0.00	54.64 1.85 0.00	65.92 2.29 0.00	61.35 2.07 0.00	49.94 1.83 0.00	42.26 1.55 0.00	37.88 1.17 0.00
FALCON___SEABRD_CC1 323796	-6.63 -1.59 42.89	-6.59 -1.44 40.29	-6.52 -1.53 39.69	-6.48 -1.57 39.90	-6.40 -1.65 40.63	-0.08 -1.75 35.66	42.27 -2.08 0.00	48.14 -1.44 0.00	40.38 -0.99 0.00	34.50 -0.85 0.00	32.30 -0.33 0.00	30.24 -0.15 0.00	29.28 -0.12 0.00	28.01 0.00 0.00	26.93 0.13 0.00	27.07 0.19 0.00	31.64 0.44 0.00	42.13 0.99 0.00	54.48 1.69 0.00	64.58 0.96 0.00	60.17 0.89 0.00	49.79 1.68 0.00	41.90 1.18 0.00	37.62 0.92 0.00

FALCON___SEABRD_CC2 323797	-6.63 -1.59 42.89	-6.59 -1.44 40.29	-6.52 -1.53 39.69	-6.48 -1.57 39.90	-6.40 -1.65 40.63	-0.08 -1.75 35.66	42.27 -2.08 0.00	48.14 -1.44 0.00	40.38 -0.99 0.00	34.50 -0.85 0.00	32.30 -0.33 0.00	30.24 -0.15 0.00	29.28 -0.12 0.00	28.01 0.00 0.00	26.93 0.13 0.00	27.07 0.19 0.00	31.64 0.44 0.00	42.13 0.99 0.00	54.48 1.69 0.00	64.58 0.96 0.00	60.17 0.89 0.00	49.79 1.68 0.00	41.90 1.18 0.00	37.62 0.92 0.00
FAR ROCKAWAY___4 23548	39.97 2.12 0.00	36.76 1.62 0.00	36.23 1.53 0.00	36.42 1.43 0.00	37.46 1.58 0.00	38.90 1.57 0.00	46.70 2.35 0.00	52.21 2.63 0.00	43.32 1.94 0.00	36.93 1.59 0.00	34.09 1.47 0.00	31.73 1.34 0.00	30.63 1.23 0.00	29.24 1.23 0.00	28.08 1.29 0.00	28.36 1.48 0.00	32.79 1.59 0.00	43.41 2.26 0.00	56.01 3.22 0.00	67.63 4.01 0.00	62.90 3.62 0.00	51.57 3.46 0.00	43.56 2.85 0.00	38.87 2.17 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.44 1.59 0.00	36.37 1.23 0.00	35.81 1.11 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.62 2.03 0.00	43.07 1.70 0.00	36.83 1.48 0.00	34.00 1.37 0.00	31.70 1.31 0.00	30.63 1.23 0.00	29.21 1.20 0.00	27.97 1.18 0.00	28.20 1.32 0.00	32.54 1.34 0.00	42.96 1.81 0.00	55.33 2.53 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.21 1.50 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.44 1.59 0.00	36.37 1.23 0.00	35.84 1.15 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.62 2.03 0.00	43.07 1.70 0.00	36.83 1.48 0.00	34.00 1.37 0.00	31.70 1.31 0.00	30.63 1.23 0.00	29.21 1.20 0.00	27.97 1.18 0.00	28.20 1.32 0.00	32.54 1.34 0.00	42.96 1.81 0.00	55.33 2.53 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.21 1.50 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.44 1.59 0.00	36.34 1.19 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.57 1.98 0.00	43.03 1.66 0.00	36.83 1.48 0.00	33.96 1.34 0.00	31.70 1.31 0.00	30.60 1.21 0.00	29.19 1.18 0.00	27.97 1.18 0.00	28.17 1.29 0.00	32.51 1.31 0.00	42.96 1.81 0.00	55.27 2.48 0.00	66.62 2.99 0.00	62.01 2.73 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.17 1.47 0.00
FARRAGUT___LBMP 323566	39.40 1.55 0.00	36.34 1.19 0.00	35.77 1.08 0.00	36.04 1.05 0.00	36.92 1.04 0.00	38.30 0.97 0.00	45.90 1.55 0.00	51.57 1.98 0.00	42.99 1.61 0.00	36.79 1.45 0.00	33.96 1.34 0.00	31.67 1.28 0.00	30.60 1.21 0.00	29.16 1.15 0.00	27.95 1.15 0.00	28.14 1.26 0.00	32.51 1.31 0.00	42.92 1.77 0.00	55.22 2.43 0.00	66.55 2.93 0.00	61.95 2.67 0.00	50.42 2.31 0.00	42.67 1.95 0.00	38.13 1.43 0.00
FENNER___WINDPWR 24204	38.57 0.72 0.00	35.85 0.70 0.00	35.43 0.73 0.00	35.76 0.77 0.00	36.71 0.83 0.00	38.19 0.86 0.00	45.24 0.89 0.00	50.52 0.94 0.00	42.16 0.78 0.00	35.91 0.56 0.00	32.99 0.36 0.00	30.63 0.24 0.00	29.60 0.21 0.00	28.18 0.17 0.00	26.90 0.11 0.00	27.04 0.16 0.00	31.54 0.34 0.00	41.76 0.62 0.00	53.69 0.90 0.00	64.90 1.27 0.00	60.46 1.19 0.00	48.88 0.77 0.00	41.28 0.57 0.00	37.21 0.51 0.00
FIBERTEK___ENERGY 23856	37.93 0.08 0.00	35.36 0.21 0.00	34.94 0.24 0.00	35.27 0.28 0.00	36.13 0.25 0.00	37.59 0.26 0.00	44.53 0.18 0.00	49.58 0.00 0.00	41.50 0.12 0.00	35.45 0.11 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.37 -0.03 0.00	27.95 -0.06 0.00	26.66 -0.13 0.00	26.80 -0.08 0.00	31.17 -0.03 0.00	41.02 -0.12 0.00	52.42 -0.37 0.00	63.24 -0.38 0.00	58.92 -0.36 0.00	47.63 -0.48 0.00	40.31 -0.41 0.00	36.48 -0.22 0.00
FITZPATRICK____ 23598	37.02 -0.83 0.00	34.44 -0.70 0.00	34.04 -0.66 0.00	34.32 -0.67 0.00	35.20 -0.68 0.00	36.58 -0.75 0.00	43.33 -1.02 0.00	48.29 -1.29 0.00	40.43 -0.95 0.00	34.57 -0.78 0.00	31.88 -0.75 0.00	29.69 -0.70 0.00	28.72 -0.67 0.00	27.34 -0.67 0.00	26.13 -0.67 0.00	26.21 -0.67 0.00	30.45 -0.75 0.00	39.99 -1.15 0.00	51.10 -1.69 0.00	61.59 -2.04 0.00	57.38 -1.90 0.00	46.47 -1.64 0.00	39.37 -1.34 0.00	35.60 -1.10 0.00
FLOWRFLD_69_KV_BK1 356044	39.71 1.85 0.00	36.27 1.12 0.00	35.77 1.08 0.00	35.90 0.91 0.00	37.00 1.11 0.00	38.48 1.16 0.00	46.43 2.08 0.00	51.62 2.03 0.00	42.62 1.24 0.00	36.26 0.92 0.00	33.41 0.78 0.00	31.06 0.67 0.00	29.98 0.59 0.00	28.71 0.70 0.00	27.68 0.88 0.00	28.22 1.34 0.00	32.48 1.28 0.00	42.96 1.81 0.00	55.54 2.75 0.00	67.25 3.63 0.00	62.42 3.14 0.00	51.33 3.22 0.00	43.40 2.69 0.00	38.65 1.95 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.40 1.55 0.00	36.37 1.23 0.00	35.84 1.15 0.00	36.14 1.15 0.00	37.03 1.15 0.00	38.52 1.19 0.00	46.08 1.73 0.00	51.67 2.08 0.00	42.99 1.61 0.00	36.65 1.31 0.00	33.77 1.14 0.00	31.39 1.00 0.00	30.31 0.91 0.00	28.91 0.90 0.00	27.73 0.94 0.00	27.90 1.02 0.00	32.26 1.06 0.00	42.87 1.73 0.00	55.22 2.43 0.00	66.68 3.05 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.67 1.95 0.00	38.24 1.54 0.00
FORT ORANGE____ 23900	38.49 0.64 0.00	35.57 0.42 0.00	35.08 0.38 0.00	35.37 0.39 0.00	36.24 0.36 0.00	37.78 0.45 0.00	45.06 0.71 0.00	50.38 0.79 0.00	41.79 0.41 0.00	35.77 0.43 0.00	33.05 0.42 0.00	30.76 0.37 0.00	29.72 0.32 0.00	28.35 0.34 0.00	27.14 0.35 0.00	27.28 0.40 0.00	31.58 0.38 0.00	41.68 0.53 0.00	53.79 1.00 0.00	64.83 1.21 0.00	60.46 1.19 0.00	49.17 1.06 0.00	41.65 0.94 0.00	37.47 0.77 0.00
FORT_DRUM_COGEN 23780	39.94 0.30 -1.78	37.13 0.32 -1.67	36.73 0.38 -1.65	37.14 0.49 -1.66	38.18 0.61 -1.69	39.48 0.67 -1.48	44.93 0.58 0.00	50.43 0.84 0.00	41.92 0.54 0.00	35.49 0.14 0.00	32.43 -0.20 0.00	30.03 -0.36 0.00	28.93 -0.47 0.00	27.50 -0.50 0.00	26.26 -0.54 0.00	26.42 -0.46 0.00	31.04 -0.16 0.00	41.48 0.33 0.00	54.01 1.21 0.00	65.79 2.16 0.00	61.47 2.19 0.00	49.60 1.49 0.00	41.37 0.65 0.00	37.14 0.44 0.00
FOX_HILLS___ESR 323835	54.91 2.01 -15.05	54.73 1.62 -17.97	54.03 1.53 -17.80	54.17 1.47 -17.71	53.55 1.47 -16.20	54.11 1.42 -15.36	54.69 2.04 -8.30	57.90 2.33 -5.99	57.91 1.94 -14.59	55.40 1.73 -18.32	53.87 1.57 -19.68	53.73 1.49 -21.85	54.91 1.35 -24.16	57.21 1.29 -27.91	54.38 1.37 -26.22	54.35 1.45 -26.02	54.15 1.56 -21.39	60.41 2.06 -17.21	65.53 2.80 -9.94	66.93 3.24 -0.06	64.13 3.08 -1.77	59.67 2.69 -8.87	57.13 2.36 -14.05	54.87 1.80 -16.37
FPL FAR_ROCK_GT1 24212	39.93 2.08 0.00	36.76 1.62 0.00	36.26 1.56 0.00	36.39 1.40 0.00	37.42 1.54 0.00	38.89 1.57 0.00	46.83 2.48 0.00	52.06 2.48 0.00	43.36 1.99 0.00	36.96 1.63 0.01	34.25 1.63 0.01	31.90 1.52 0.01	30.71 1.32 0.01	29.35 1.34 0.01	28.13 1.34 0.00	28.36 1.48 0.00	32.79 1.59 0.00	43.45 2.30 0.00	56.01 3.22 0.00	67.70 4.08 0.00	63.08 3.80 0.00	51.62 3.51 0.00	43.52 2.81 0.00	38.87 2.16 0.00



FPL FAR_ROCK_GT2 23815	39.93 2.08 0.00	36.76 1.62 0.00	36.26 1.56 0.00	36.39 1.40 0.00	37.42 1.54 0.00	38.89 1.57 0.00	46.83 2.48 0.00	52.06 2.48 0.00	43.36 1.99 0.00	36.96 1.63 0.01	34.25 1.63 0.01	31.90 1.52 0.01	30.71 1.32 0.01	29.35 1.34 0.01	28.13 1.34 0.00	28.36 1.48 0.00	32.79 1.59 0.00	43.45 2.30 0.00	56.01 3.22 0.00	67.70 4.08 0.00	63.08 3.80 0.00	51.62 3.51 0.00	43.52 2.81 0.00	38.87 2.16 0.00
FRANKLIN_FALL_HYD 24054	65.08 -0.87 -28.10	60.84 -0.70 -26.39	60.01 -0.69 -26.00	60.39 -0.73 -26.14	61.82 -0.68 -26.62	60.09 -0.60 -23.36	43.46 -0.89 0.00	49.34 -0.25 0.00	41.21 -0.17 0.00	35.06 -0.28 0.00	32.69 0.07 0.00	30.48 0.09 0.00	29.48 0.09 0.00	28.15 0.14 0.00	26.98 0.19 0.00	27.01 0.13 0.00	31.54 0.34 0.00	41.97 0.82 0.00	54.22 1.43 0.00	65.02 1.40 0.00	60.64 1.36 0.00	49.50 1.40 0.00	41.61 0.90 0.00	37.44 0.73 0.00
FREEPORT_EQUS_GT1 23764	39.63 1.78 0.00	36.45 1.30 0.00	35.95 1.25 0.00	36.07 1.09 0.00	37.07 1.18 0.00	38.56 1.23 0.00	46.52 2.17 0.00	51.67 2.08 0.00	42.99 1.61 0.00	36.64 1.31 0.01	33.96 1.34 0.01	31.63 1.25 0.01	30.44 1.06 0.01	29.12 1.12 0.01	27.95 1.15 0.00	28.19 1.32 0.00	32.57 1.37 0.00	43.12 1.97 0.00	55.59 2.80 0.00	67.19 3.56 0.00	62.60 3.32 0.00	51.28 3.17 0.00	43.24 2.53 0.00	38.64 1.94 0.00
FREEPORT___CT2 23818	39.63 1.78 0.00	36.45 1.30 0.00	35.95 1.25 0.00	36.07 1.09 0.00	37.07 1.18 0.00	38.56 1.23 0.00	46.52 2.17 0.00	51.67 2.08 0.00	42.99 1.61 0.00	36.64 1.31 0.01	33.96 1.34 0.01	31.63 1.25 0.01	30.44 1.06 0.01	29.12 1.12 0.01	27.95 1.15 0.00	28.19 1.32 0.00	32.57 1.37 0.00	43.12 1.97 0.00	55.59 2.80 0.00	67.19 3.56 0.00	62.60 3.32 0.00	51.28 3.17 0.00	43.24 2.53 0.00	38.64 1.94 0.00
FRESHKLS_33_KV_LOAD 356253	54.87 1.97 -15.05	54.73 1.62 -17.97	53.99 1.49 -17.80	54.14 1.43 -17.71	53.55 1.47 -16.20	54.07 1.38 -15.36	54.65 2.00 -8.30	57.75 2.18 -5.99	57.79 1.82 -14.59	55.29 1.63 -18.32	53.80 1.50 -19.68	53.67 1.43 -21.85	54.18 1.23 -23.55	54.17 1.18 -24.98	54.30 1.29 -26.22	54.27 1.37 -26.02	54.09 1.50 -21.39	58.39 1.93 -15.31	59.81 2.64 -4.38	66.73 3.12 0.01	64.01 2.96 -1.77	58.60 2.60 -7.90	57.08 2.32 -14.05	54.83 1.76 -16.37
FULTON COGEN____ 23766	37.40 -0.45 0.00	34.79 -0.35 0.00	34.39 -0.31 0.00	34.71 -0.28 0.00	35.56 -0.32 0.00	36.99 -0.34 0.00	43.82 -0.53 0.00	48.79 -0.79 0.00	40.84 -0.54 0.00	34.88 -0.46 0.00	32.20 -0.42 0.00	29.96 -0.43 0.00	28.95 -0.44 0.00	27.53 -0.51 0.00	26.29 -0.48 0.00	26.39 -0.53 0.00	30.67 -0.82 0.00	40.32 -1.27 0.00	51.53 -1.40 0.00	62.23 -1.30 0.00	57.98 -1.20 0.00	46.91 -1.06 0.00	39.66 -0.81 0.00	35.89 0.00 0.00
FULTON___LFGE 323630	39.52 1.66 0.00	36.65 1.51 0.00	36.19 1.49 0.00	36.60 1.61 0.00	37.53 1.65 0.00	39.12 1.79 0.00	46.52 2.17 0.00	51.92 2.33 0.00	42.74 1.36 0.00	36.12 0.78 0.00	33.12 0.49 0.00	30.66 0.27 0.00	29.78 0.38 0.00	28.32 0.31 0.00	27.06 0.27 0.00	27.25 0.38 0.00	31.86 0.66 0.00	42.83 1.69 0.00	55.75 2.95 0.00	67.57 3.95 0.00	63.02 3.74 0.00	51.04 2.93 0.00	42.99 2.28 0.00	38.54 1.83 0.00
G.F.CEMENT___DRP 24184	39.90 2.04 0.00	36.97 1.83 0.00	36.47 1.77 0.00	36.95 1.96 0.00	37.89 2.01 0.00	39.53 2.20 0.00	47.14 2.79 0.00	52.86 3.27 0.00	43.28 1.90 0.00	36.58 1.24 0.00	33.38 0.75 0.00	30.88 0.49 0.00	29.90 0.50 0.00	28.37 0.36 0.00	27.14 0.35 0.00	27.36 0.48 0.00	32.07 0.87 0.00	42.96 1.81 0.00	55.80 3.01 0.00	67.70 4.07 0.00	62.90 3.62 0.00	51.04 2.93 0.00	43.12 2.40 0.00	38.65 1.95 0.00
GARDENVILLE___LBMP 24039	37.32 -0.53 0.00	35.11 -0.04 0.00	34.80 0.10 0.00	35.20 0.21 0.00	36.10 0.22 0.00	37.48 0.15 0.00	43.77 -0.58 0.00	47.35 -2.23 0.00	40.88 -0.50 0.00	34.50 -0.85 0.00	31.91 -0.72 0.00	30.06 -0.33 0.00	28.78 -0.62 0.00	27.22 -0.78 0.00	25.86 -0.94 0.00	25.96 -0.91 0.00	30.17 -1.03 0.00	39.34 -1.81 0.00	49.94 -2.85 0.00	60.13 -3.50 0.00	55.84 -3.44 0.00	44.60 -3.51 0.00	38.11 -2.61 0.00	35.31 -1.39 0.00
GARDNVLA_35_KV_LD 355827	37.55 -0.30 0.00	35.32 0.18 0.00	35.01 0.31 0.00	35.44 0.45 0.00	36.35 0.47 0.00	37.74 0.41 0.00	44.04 -0.31 0.00	47.65 -1.93 0.00	41.17 -0.21 0.00	34.74 -0.60 0.00	32.14 -0.49 0.00	30.27 -0.12 0.00	28.98 -0.41 0.00	27.42 -0.59 0.00	26.02 -0.78 0.00	26.15 -0.73 0.00	30.39 -0.81 0.00	39.62 -1.52 0.00	50.31 -2.48 0.00	60.51 -3.12 0.00	56.26 -3.02 0.00	44.88 -3.22 0.00	38.39 -2.32 0.00	35.56 -1.14 0.00
GELCKHM___115KV_LOAD 80723	37.66 -0.19 0.00	35.07 -0.07 0.00	34.66 -0.03 0.00	34.95 -0.03 0.00	35.85 -0.04 0.00	37.25 -0.07 0.00	44.17 -0.18 0.00	49.14 -0.45 0.00	41.17 -0.21 0.00	35.17 -0.18 0.00	32.43 -0.20 0.00	30.24 -0.15 0.00	29.19 -0.21 0.00	27.78 -0.22 0.00	26.50 -0.29 0.00	26.64 -0.24 0.00	30.95 -0.25 0.00	40.69 -0.45 0.00	52.00 -0.79 0.00	62.73 -0.89 0.00	58.45 -0.83 0.00	47.29 -0.82 0.00	39.98 -0.73 0.00	36.19 -0.51 0.00
GENERAL___MILLS 23808	37.44 -0.42 0.00	35.21 0.07 0.00	34.91 0.21 0.00	35.34 0.35 0.00	36.24 0.36 0.00	37.63 0.30 0.00	43.95 -0.40 0.00	47.50 -2.08 0.00	41.05 -0.33 0.00	34.64 -0.71 0.00	32.01 -0.62 0.00	30.18 -0.21 0.00	28.87 -0.53 0.00	27.31 -0.70 0.00	25.94 -0.86 0.00	26.04 -0.83 0.00	30.26 -0.94 0.00	39.46 -1.69 0.00	50.10 -2.69 0.00	60.32 -3.31 0.00	56.08 -3.20 0.00	44.74 -3.37 0.00	38.27 -2.44 0.00	35.42 -1.28 0.00
GE_PLASTICS___DRP 24183	38.42 0.57 0.00	35.53 0.39 0.00	35.05 0.35 0.00	35.30 0.31 0.00	36.21 0.32 0.00	37.66 0.34 0.00	44.93 0.58 0.00	50.28 0.69 0.00	41.75 0.37 0.00	35.73 0.39 0.00	32.95 0.33 0.00	30.69 0.30 0.00	29.72 0.32 0.00	28.32 0.31 0.00	27.14 0.35 0.00	27.23 0.35 0.00	31.61 0.41 0.00	41.64 0.49 0.00	53.64 0.84 0.00	64.64 1.02 0.00	60.17 0.89 0.00	48.97 0.87 0.00	41.53 0.81 0.00	37.32 0.62 0.00
GILBOA___1 23756	38.53 0.68 0.00	35.67 0.53 0.00	35.18 0.49 0.00	35.44 0.45 0.00	36.35 0.47 0.00	37.85 0.52 0.00	45.10 0.75 0.00	50.43 0.84 0.00	42.04 0.66 0.00	35.91 0.56 0.00	33.15 0.52 0.00	30.87 0.48 0.00	30.07 0.68 0.00	28.65 0.64 0.00	27.41 0.62 0.00	27.36 0.48 0.00	31.70 0.50 0.00	41.85 0.70 0.00	53.69 0.90 0.00	64.58 0.96 0.00	60.29 1.01 0.00	49.07 0.96 0.00	41.53 0.81 0.00	37.36 0.66 0.00
GILBOA___2 23757	38.53 0.68 0.00	35.67 0.53 0.00	35.18 0.49 0.00	35.44 0.45 0.00	36.35 0.47 0.00	37.85 0.52 0.00	45.10 0.75 0.00	50.43 0.84 0.00	42.04 0.66 0.00	35.91 0.56 0.00	33.15 0.52 0.00	30.87 0.48 0.00	30.07 0.68 0.00	28.65 0.64 0.00	27.41 0.62 0.00	27.36 0.48 0.00	31.70 0.50 0.00	41.85 0.70 0.00	53.69 0.90 0.00	64.58 0.96 0.00	60.29 1.01 0.00	49.07 0.96 0.00	41.53 0.81 0.00	37.36 0.66 0.00

GILBOA___3 23758	38.53 0.68 0.00	35.67 0.53 0.00	35.18 0.49 0.00	35.44 0.45 0.00	36.35 0.47 0.00	37.85 0.52 0.00	45.10 0.75 0.00	50.43 0.84 0.00	42.04 0.66 0.00	35.91 0.56 0.00	33.15 0.52 0.00	30.87 0.48 0.00	30.07 0.68 0.00	28.65 0.64 0.00	27.41 0.62 0.00	27.36 0.48 0.00	31.70 0.50 0.00	41.85 0.70 0.00	53.69 0.90 0.00	64.58 0.96 0.00	60.29 1.01 0.00	49.07 0.96 0.00	41.53 0.81 0.00	37.36 0.66 0.00
GILBOA___4 23759	38.53 0.68 0.00	35.67 0.53 0.00	35.18 0.49 0.00	35.44 0.45 0.00	36.35 0.47 0.00	37.85 0.52 0.00	45.10 0.75 0.00	50.43 0.84 0.00	42.04 0.66 0.00	35.91 0.56 0.00	33.15 0.52 0.00	30.87 0.48 0.00	30.07 0.68 0.00	28.65 0.64 0.00	27.41 0.62 0.00	27.36 0.48 0.00	31.70 0.50 0.00	41.85 0.70 0.00	53.69 0.90 0.00	64.58 0.96 0.00	60.29 1.01 0.00	49.07 0.96 0.00	41.53 0.81 0.00	37.36 0.66 0.00
GILBOA___ 23599	38.53 0.68 0.00	35.67 0.53 0.00	35.18 0.49 0.00	35.44 0.45 0.00	36.35 0.47 0.00	37.81 0.49 0.00	45.06 0.71 0.00	50.43 0.84 0.00	42.04 0.66 0.00	35.91 0.57 0.00	33.08 0.46 0.00	30.82 0.43 0.00	30.01 0.62 0.00	28.60 0.59 0.00	27.38 0.59 0.00	27.33 0.46 0.00	31.70 0.50 0.00	41.85 0.70 0.00	53.69 0.90 0.00	64.58 0.95 0.00	60.29 1.01 0.00	49.07 0.96 0.00	41.57 0.86 0.00	37.36 0.66 0.00
GINNA___ 23603	35.77 -2.08 0.00	33.46 -1.69 0.00	33.07 -1.63 0.00	33.45 -1.54 0.00	34.38 -1.51 0.00	35.61 -1.72 0.00	41.78 -2.57 0.00	46.16 -3.42 0.00	38.90 -2.48 0.00	33.19 -2.16 0.00	30.54 -2.09 0.00	28.48 -1.91 0.00	27.49 -1.91 0.00	26.10 -1.91 0.00	24.89 -1.90 0.00	24.92 -1.96 0.00	29.05 -2.15 0.00	38.27 -2.88 0.00	48.94 -3.85 0.00	58.98 -4.64 0.00	54.95 -4.32 0.00	44.21 -3.90 0.00	37.54 -3.18 0.00	34.28 -2.42 0.00
GLEN PARK___ 23778	40.15 0.60 -1.69	37.33 0.60 -1.59	36.92 0.66 -1.56	37.33 0.77 -1.57	38.38 0.90 -1.60	39.67 0.93 -1.40	45.19 0.84 0.00	50.77 1.19 0.00	42.12 0.75 0.00	35.63 0.28 0.00	32.50 -0.13 0.00	30.06 -0.33 0.00	28.96 -0.44 0.00	27.53 -0.48 0.00	26.28 -0.51 0.00	26.48 -0.40 0.00	31.14 -0.06 0.00	41.68 0.53 0.00	54.33 1.53 0.00	66.23 2.61 0.00	61.89 2.61 0.00	49.94 1.83 0.00	41.69 0.98 0.00	37.40 0.70 0.00
GLENDALE_27_KV_LOAD 356172	39.79 1.93 -0.01	37.35 1.55 -0.66	36.13 1.42 -0.01	36.36 1.36 -0.01	37.28 1.40 0.00	38.67 1.34 0.00	46.66 2.00 -0.31	52.24 2.43 -0.23	43.95 2.03 -0.54	37.82 1.80 -0.68	34.98 1.63 -0.73	32.74 1.55 -0.80	32.35 1.47 -1.48	33.25 1.40 -3.85	29.15 1.39 -0.96	29.34 1.51 -0.96	33.58 1.59 -0.79	45.79 2.18 -2.47	57.17 2.96 -1.42	67.00 3.37 0.00	62.48 3.20 0.00	52.17 2.79 -1.27	43.60 2.36 -0.52	39.07 1.76 -0.61
GLENWOOD_IC_1_G5 23712	39.67 1.82 0.00	36.48 1.34 0.00	35.95 1.25 0.00	36.11 1.12 0.00	37.14 1.26 0.00	38.60 1.27 0.00	46.34 2.00 0.00	51.82 2.23 0.00	42.99 1.61 0.00	36.69 1.34 0.00	33.83 1.21 0.00	31.51 1.12 0.00	30.42 1.03 0.00	29.07 1.06 0.00	27.92 1.13 0.00	28.20 1.32 0.00	32.60 1.40 0.00	43.12 1.98 0.00	55.59 2.80 0.00	67.12 3.50 0.00	62.42 3.14 0.00	51.14 3.03 0.00	43.24 2.52 0.00	38.61 1.91 0.00
GLENWOOD_IC_2_G1 23688	39.56 1.70 0.00	36.41 1.26 0.00	35.91 1.21 0.00	36.04 1.05 0.00	37.03 1.15 0.00	38.52 1.19 0.00	46.43 2.08 0.00	51.62 2.03 0.00	42.95 1.57 0.00	36.64 1.31 0.01	33.96 1.34 0.01	31.63 1.25 0.01	30.44 1.06 0.01	29.09 1.09 0.01	27.92 1.13 0.00	28.14 1.26 0.00	32.51 1.31 0.00	43.04 1.89 0.00	55.48 2.69 0.00	67.06 3.43 0.00	62.42 3.14 0.00	51.09 2.98 0.00	43.12 2.40 0.00	38.54 1.83 0.00
GLENWOOD_IC_3_G1 23689	39.56 1.70 0.00	36.41 1.26 0.00	35.91 1.21 0.00	36.04 1.05 0.00	37.03 1.15 0.00	38.52 1.19 0.00	46.43 2.08 0.00	51.62 2.03 0.00	42.95 1.57 0.00	36.64 1.31 0.01	33.96 1.34 0.01	31.63 1.25 0.01	30.44 1.06 0.01	29.09 1.09 0.01	27.92 1.13 0.00	28.14 1.26 0.00	32.51 1.31 0.00	43.04 1.89 0.00	55.48 2.69 0.00	67.06 3.43 0.00	62.42 3.14 0.00	51.09 2.98 0.00	43.12 2.40 0.00	38.54 1.83 0.00
GLENWOOD___4 23550	39.67 1.82 0.00	36.48 1.34 0.00	35.95 1.25 0.00	36.11 1.12 0.00	37.14 1.26 0.00	38.60 1.27 0.00	46.34 2.00 0.00	51.82 2.23 0.00	42.99 1.61 0.00	36.69 1.34 0.00	33.83 1.21 0.00	31.51 1.12 0.00	30.42 1.03 0.00	29.07 1.06 0.00	27.92 1.13 0.00	28.20 1.32 0.00	32.60 1.40 0.00	43.12 1.98 0.00	55.59 2.80 0.00	67.12 3.50 0.00	62.42 3.14 0.00	51.14 3.03 0.00	43.24 2.52 0.00	38.61 1.91 0.00
GLENWOOD___5 23614	39.67 1.82 0.00	36.48 1.34 0.00	35.95 1.25 0.00	36.11 1.12 0.00	37.14 1.26 0.00	38.60 1.27 0.00	46.34 2.00 0.00	51.82 2.23 0.00	42.99 1.61 0.00	36.69 1.34 0.00	33.83 1.21 0.00	31.51 1.12 0.00	30.42 1.03 0.00	29.07 1.06 0.00	27.92 1.13 0.00	28.20 1.32 0.00	32.60 1.40 0.00	43.12 1.98 0.00	55.59 2.80 0.00	67.12 3.50 0.00	62.42 3.14 0.00	51.14 3.03 0.00	43.24 2.52 0.00	38.61 1.91 0.00
GLOBAL GREEN_PORT_GT1 23814	39.18 1.32 0.00	35.74 0.60 0.00	35.29 0.59 0.00	35.30 0.31 0.00	36.46 0.57 0.00	37.85 0.52 0.00	46.21 1.86 0.00	50.82 1.24 0.00	42.08 0.70 0.00	35.69 0.35 0.01	32.72 0.10 0.01	30.38 0.00 0.01	29.21 -0.18 0.01	28.03 0.03 0.01	27.14 0.35 0.00	27.63 0.75 0.00	31.60 0.40 0.00	42.18 1.03 0.00	54.85 2.06 0.00	66.81 3.18 0.00	62.42 3.14 0.00	51.62 3.51 0.00	43.52 2.81 0.00	38.90 2.20 0.00
GLOBE___DSASP 323697	36.04 -1.82 0.00	33.88 -1.27 0.00	33.59 -1.11 0.00	33.97 -1.01 0.00	34.84 -1.04 0.00	36.17 -1.16 0.00	42.13 -2.22 0.00	45.37 -4.21 0.00	39.19 -2.19 0.00	33.08 -2.26 0.00	30.57 -2.06 0.00	28.87 -1.52 0.00	27.60 -1.79 0.00	26.13 -1.88 0.00	24.81 -1.98 0.00	24.94 -1.94 0.00	28.98 -2.22 0.00	37.77 -3.37 0.00	47.83 -4.96 0.00	57.45 -6.17 0.00	53.53 -5.75 0.00	42.77 -5.34 0.00	36.72 -3.99 0.00	34.13 -2.57 0.00
GOETHSLN___LBMP 323567	39.18 1.32 0.00	36.09 0.95 0.00	35.57 0.87 0.00	35.79 0.80 0.00	36.71 0.83 0.00	38.07 0.75 0.00	45.63 1.29 0.00	51.27 1.69 0.00	42.78 1.41 0.00	36.62 1.27 0.00	33.80 1.17 0.00	31.58 1.19 0.00	30.51 1.12 0.00	29.10 1.09 0.00	27.84 1.04 0.00	28.06 1.18 0.00	32.39 1.19 0.00	42.71 1.56 0.00	54.90 2.11 0.00	66.17 2.55 0.00	61.59 2.31 0.00	50.13 2.02 0.00	42.42 1.71 0.00	37.95 1.25 0.00
GOLAH___69_KV_TB 1_2 80279	37.28 -0.57 0.00	35.00 -0.14 0.00	34.59 -0.10 0.00	35.06 0.07 0.00	35.99 0.11 0.00	37.40 0.07 0.00	43.86 -0.49 0.00	47.85 -1.74 0.00	40.51 -0.87 0.00	34.35 -0.99 0.00	31.68 -0.95 0.00	29.69 -0.70 0.00	28.48 -0.91 0.00	27.06 -0.95 0.00	25.70 -1.10 0.00	25.80 -1.08 0.00	30.05 -1.15 0.00	39.46 -1.69 0.00	50.36 -2.43 0.00	60.89 -2.74 0.00	56.79 -2.49 0.00	45.56 -2.55 0.00	38.84 -1.87 0.00	35.64 -1.06 0.00

GOODYEAR_LAKE_HYD 323669	39.10 1.25 0.00	36.27 1.12 0.00	35.81 1.11 0.00	36.18 1.19 0.00	37.10 1.22 0.00	38.63 1.31 0.00	45.81 1.46 0.00	51.32 1.74 0.00	42.74 1.37 0.00	36.33 0.99 0.00	33.34 0.72 0.00	30.97 0.58 0.00	30.01 0.62 0.00	28.57 0.56 0.00	27.30 0.51 0.00	27.39 0.51 0.00	31.95 0.75 0.00	42.46 1.32 0.00	54.69 1.90 0.00	66.04 2.42 0.00	61.53 2.25 0.00	49.79 1.68 0.00	42.06 1.34 0.00	37.84 1.14 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.12 0.26 0.00	35.53 0.39 0.00	35.11 0.42 0.00	35.48 0.49 0.00	36.39 0.50 0.00	37.81 0.49 0.00	44.79 0.44 0.00	49.73 0.15 0.00	41.83 0.46 0.00	35.56 0.21 0.00	32.72 0.10 0.00	30.51 0.12 0.00	29.45 0.06 0.00	28.01 0.00 0.00	26.74 -0.05 0.00	26.82 -0.05 0.00	31.20 0.00 0.00	41.15 0.00 0.00	52.63 -0.16 0.00	63.63 0.00 0.00	59.22 -0.06 0.00	47.72 -0.38 0.00	40.39 -0.33 0.00	36.63 -0.07 0.00
GOUDEY___7 23579	38.12 0.26 0.00	35.53 0.39 0.00	35.11 0.42 0.00	35.48 0.49 0.00	36.39 0.50 0.00	37.81 0.49 0.00	44.79 0.44 0.00	49.73 0.15 0.00	41.83 0.46 0.00	35.56 0.21 0.00	32.72 0.10 0.00	30.51 0.12 0.00	29.45 0.06 0.00	28.01 0.00 0.00	26.74 -0.05 0.00	26.82 -0.05 0.00	31.20 0.00 0.00	41.15 0.00 0.00	52.63 -0.16 0.00	63.63 0.00 0.00	59.22 -0.06 0.00	47.72 -0.38 0.00	40.39 -0.33 0.00	36.63 -0.07 0.00
GOUDEY___8 23580	38.12 0.26 0.00	35.53 0.39 0.00	35.11 0.42 0.00	35.48 0.49 0.00	36.39 0.50 0.00	37.81 0.49 0.00	44.79 0.44 0.00	49.73 0.15 0.00	41.83 0.46 0.00	35.56 0.21 0.00	32.72 0.10 0.00	30.51 0.12 0.00	29.45 0.06 0.00	28.01 0.00 0.00	26.74 -0.05 0.00	26.82 -0.05 0.00	31.20 0.00 0.00	41.15 0.00 0.00	52.63 -0.16 0.00	63.63 0.00 0.00	59.22 -0.06 0.00	47.72 -0.38 0.00	40.39 -0.33 0.00	36.63 -0.07 0.00
GOWANUS_GT1_1 24077	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT1_2 24078	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT1_3 24079	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT1_4 24080	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT1_5 24084	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT1_6 24111	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT1_7 24112	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT1_8 24113	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT2_1 24114	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT2_2 24115	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT2_3 24116	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37

GOWANUS_GT2_4 24117	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT2_5 24118	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT2_6 24119	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT2_7 24120	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT2_8 24121	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT3_1 24122	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT3_2 24123	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT3_3 24124	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT3_4 24125	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT3_5 24126	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT3_6 24127	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT3_7 24128	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT3_8 24129	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
GOWANUS_GT4_1 24130	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT4_2 24131	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37

GOWANUS_GT4_3 24132	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT4_4 24133	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT4_5 24134	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT4_6 24135	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT4_7 24136	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GOWANUS_GT4_8 24137	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GREENBSH_115KV_TB3 55895	38.31 0.45 0.00	35.39 0.25 0.00	34.94 0.24 0.00	35.20 0.21 0.00	36.06 0.18 0.00	37.55 0.22 0.00	44.75 0.40 0.00	50.13 0.55 0.00	41.58 0.21 0.00	35.66 0.32 0.00	32.89 0.26 0.00	30.63 0.24 0.00	29.63 0.24 0.00	28.26 0.25 0.00	27.06 0.27 0.00	27.17 0.30 0.00	31.54 0.34 0.00	41.56 0.41 0.00	53.53 0.74 0.00	64.52 0.89 0.00	60.05 0.77 0.00	48.93 0.82 0.00	41.45 0.73 0.00	37.29 0.59 0.00
GREENDGE_115KV_TB5 80291	38.08 0.23 0.00	35.64 0.49 0.00	35.29 0.59 0.00	35.69 0.70 0.00	36.60 0.72 0.00	38.11 0.78 0.00	45.06 0.71 0.00	49.73 0.15 0.00	41.87 0.50 0.00	35.49 0.14 0.00	32.56 -0.07 0.00	30.39 0.00 0.00	29.22 -0.18 0.00	27.76 -0.25 0.00	26.39 -0.40 0.00	26.56 -0.32 0.00	30.98 -0.22 0.00	40.98 -0.16 0.00	52.53 -0.26 0.00	63.12 -0.51 0.00	58.69 -0.59 0.00	47.39 -0.72 0.00	40.02 -0.69 0.00	36.41 -0.29 0.00
GREENIDGE___3 23582	38.08 0.23 0.00	35.64 0.49 0.00	35.29 0.59 0.00	35.69 0.70 0.00	36.60 0.72 0.00	38.11 0.78 0.00	45.06 0.71 0.00	49.73 0.15 0.00	41.87 0.50 0.00	35.49 0.14 0.00	32.56 -0.07 0.00	30.39 0.00 0.00	29.22 -0.18 0.00	27.76 -0.25 0.00	26.39 -0.40 0.00	26.56 -0.32 0.00	30.98 -0.22 0.00	40.98 -0.16 0.00	52.53 -0.26 0.00	63.12 -0.51 0.00	58.69 -0.59 0.00	47.39 -0.72 0.00	40.02 -0.69 0.00	36.41 -0.29 0.00
GREENIDGE___4 23583	38.08 0.23 0.00	35.64 0.49 0.00	35.29 0.59 0.00	35.65 0.66 0.00	36.64 0.75 0.00	38.07 0.75 0.00	44.92 0.58 0.00	49.73 0.15 0.00	41.79 0.41 0.00	35.45 0.11 0.00	32.50 -0.13 0.00	30.27 -0.12 0.00	29.19 -0.20 0.00	27.73 -0.28 0.00	26.42 -0.38 0.00	26.53 -0.35 0.00	30.98 -0.22 0.00	40.98 -0.16 0.00	52.58 -0.21 0.00	63.11 -0.51 0.00	58.57 -0.71 0.00	47.39 -0.72 0.00	40.06 -0.65 0.00	36.41 -0.29 0.00
GREENLWN_69_KV_BK 3 55738	39.44 1.59 0.00	36.16 1.02 0.00	35.64 0.94 0.00	35.83 0.84 0.00	36.85 0.97 0.00	38.30 0.97 0.00	46.08 1.73 0.00	51.47 1.88 0.00	42.62 1.24 0.00	36.37 1.02 0.00	33.54 0.91 0.00	31.21 0.82 0.00	30.13 0.73 0.00	28.82 0.81 0.00	27.68 0.88 0.00	28.03 1.16 0.00	32.39 1.19 0.00	42.83 1.69 0.00	54.90 2.11 0.00	66.11 2.48 0.00	61.53 2.25 0.00	50.90 2.79 0.00	42.99 2.28 0.00	38.35 1.65 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37
GRISSOM___SOLAR 323813	39.48 1.63 0.00	36.62 1.48 0.00	36.12 1.42 0.00	36.53 1.54 0.00	37.46 1.58 0.00	39.05 1.72 0.00	46.43 2.08 0.00	51.87 2.28 0.00	42.74 1.36 0.00	36.19 0.85 0.00	33.21 0.59 0.00	30.76 0.37 0.00	29.86 0.47 0.00	28.40 0.39 0.00	27.14 0.35 0.00	27.33 0.46 0.00	31.89 0.69 0.00	42.79 1.65 0.00	55.64 2.85 0.00	67.38 3.75 0.00	62.84 3.56 0.00	50.90 2.79 0.00	42.91 2.20 0.00	38.50 1.80 0.00
GROVEVILLE___HYD 323602	39.40 1.55 0.00	36.37 1.23 0.00	35.84 1.15 0.00	36.14 1.15 0.00	37.03 1.15 0.00	38.52 1.19 0.00	46.08 1.73 0.00	51.67 2.08 0.00	42.99 1.61 0.00	36.65 1.31 0.00	33.77 1.14 0.00	31.39 1.00 0.00	30.31 0.91 0.00	28.91 0.90 0.00	27.73 0.94 0.00	27.90 1.02 0.00	32.26 1.06 0.00	42.87 1.73 0.00	55.22 2.43 0.00	66.68 3.05 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.67 1.95 0.00	38.24 1.54 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.93 0.08 0.00	35.36 0.21 0.00	34.94 0.24 0.00	35.27 0.28 0.00	36.13 0.25 0.00	37.59 0.26 0.00	44.53 0.18 0.00	49.58 0.00 0.00	41.50 0.12 0.00	35.45 0.11 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.37 -0.03 0.00	27.95 -0.06 0.00	26.66 -0.13 0.00	26.80 -0.08 0.00	31.17 -0.03 0.00	41.02 -0.12 0.00	52.42 -0.37 0.00	63.24 -0.38 0.00	58.92 -0.36 0.00	47.63 -0.48 0.00	40.31 -0.41 0.00	36.48 -0.22 0.00

HAMLTNNY_34_KV_TB 80303	38.00 0.15 0.00	35.39 0.25 0.00	35.01 0.31 0.00	35.30 0.31 0.00	36.21 0.32 0.00	37.63 0.30 0.00	44.61 0.27 0.00	49.58 0.00 0.00	41.54 0.17 0.00	35.45 0.11 0.00	32.69 0.07 0.00	30.45 0.06 0.00	29.37 -0.03 0.00	27.95 -0.06 0.00	26.66 -0.13 0.00	26.77 -0.11 0.00	31.14 -0.06 0.00	41.02 -0.12 0.00	52.48 -0.32 0.00	63.31 -0.32 0.00	58.98 -0.30 0.00	47.63 -0.48 0.00	40.27 -0.45 0.00	36.48 -0.22 0.00
HAMPSHIRE___PAPER_HYD 323593	41.31 -0.98 -4.44	38.47 -0.84 -4.17	38.01 -0.80 -4.11	38.38 -0.74 -4.13	39.41 -0.68 -4.21	40.35 -0.67 -3.69	43.42 -0.93 0.00	48.89 -0.69 0.00	40.76 -0.62 0.00	34.57 -0.78 0.00	31.84 -0.78 0.00	29.57 -0.82 0.00	28.54 -0.85 0.00	27.20 -0.81 0.00	25.99 -0.80 0.00	26.02 -0.86 0.00	30.45 -0.75 0.00	40.57 -0.58 0.00	52.53 -0.26 0.00	63.56 -0.06 0.00	59.28 0.00 0.00	48.16 0.05 0.00	40.27 -0.45 0.00	36.15 -0.55 0.00
HARDSCRABBLE_WT_PWR 323673	37.36 -0.49 0.00	34.69 -0.46 0.00	34.28 -0.41 0.00	34.64 -0.35 0.00	35.56 -0.32 0.00	37.03 -0.30 0.00	44.08 -0.26 0.00	49.39 -0.20 0.00	41.25 -0.12 0.00	35.31 -0.04 0.00	32.63 0.00 0.00	30.45 0.06 0.00	29.48 0.09 0.00	28.12 0.11 0.00	26.93 0.13 0.00	27.07 0.19 0.00	31.48 0.28 0.00	41.60 0.45 0.00	53.53 0.74 0.00	64.58 0.96 0.00	60.23 0.95 0.00	48.83 0.72 0.00	41.16 0.45 0.00	36.89 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.06 1.21 0.00	36.06 0.91 0.00	35.53 0.83 0.00	35.79 0.80 0.00	36.71 0.83 0.00	38.15 0.82 0.00	45.63 1.29 0.00	51.12 1.54 0.00	42.62 1.24 0.00	36.37 1.02 0.00	33.51 0.88 0.00	31.18 0.79 0.00	30.13 0.73 0.00	28.74 0.73 0.00	27.57 0.78 0.00	27.71 0.83 0.00	32.07 0.87 0.00	42.50 1.36 0.00	54.64 1.85 0.00	66.11 2.48 0.00	61.53 2.25 0.00	49.89 1.78 0.00	42.26 1.55 0.00	37.84 1.14 0.00
HARSNRAD_115KV_TB1 81005	36.57 -1.29 0.00	34.37 -0.77 0.00	34.07 -0.62 0.00	34.46 -0.52 0.00	35.34 -0.54 0.00	36.69 -0.63 0.00	42.84 -1.51 0.00	46.16 -3.42 0.00	39.81 -1.57 0.00	33.61 -1.73 0.00	31.06 -1.57 0.00	29.30 -1.09 0.00	28.01 -1.38 0.00	26.52 -1.48 0.00	25.16 -1.63 0.00	25.29 -1.59 0.00	29.42 -1.78 0.00	38.39 -2.76 0.00	48.68 -4.12 0.00	58.54 -5.09 0.00	54.54 -4.74 0.00	43.54 -4.57 0.00	37.29 -3.42 0.00	34.61 -2.09 0.00
HARZA MOOSE___RIVER 24016	39.21 0.11 -1.24	36.45 0.14 -1.17	36.02 0.17 -1.15	36.42 0.28 -1.16	37.42 0.36 -1.18	38.81 0.45 -1.03	44.75 0.40 0.00	50.23 0.64 0.00	41.96 0.58 0.00	35.63 0.28 0.00	32.69 0.07 0.00	30.33 -0.06 0.00	29.28 -0.12 0.00	27.87 -0.14 0.00	26.63 -0.16 0.00	26.77 -0.11 0.00	31.29 0.09 0.00	41.60 0.45 0.00	53.80 1.00 0.00	65.15 1.53 0.00	60.76 1.48 0.00	49.17 1.06 0.00	41.12 0.41 0.00	36.88 0.18 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.66 -0.19 0.00	35.07 -0.07 0.00	34.66 -0.03 0.00	34.99 0.00 0.00	35.88 0.00 0.00	37.29 -0.04 0.00	44.17 -0.18 0.00	49.14 -0.45 0.00	41.17 -0.21 0.00	35.17 -0.18 0.00	32.46 -0.16 0.00	30.24 -0.15 0.00	29.19 -0.21 0.00	27.78 -0.22 0.00	26.53 -0.27 0.00	26.64 -0.24 0.00	30.95 -0.25 0.00	40.69 -0.45 0.00	52.00 -0.79 0.00	62.73 -0.89 0.00	58.45 -0.83 0.00	47.24 -0.87 0.00	39.98 -0.73 0.00	36.22 -0.48 0.00
HELLGATE_13_KV_LD 55870	39.64 1.78 -0.01	37.21 1.41 -0.66	36.03 1.32 -0.01	36.26 1.26 -0.01	37.14 1.26 0.00	38.52 1.19 0.00	46.48 1.82 -0.31	52.09 2.28 -0.23	43.78 1.86 -0.54	37.68 1.66 -0.68	34.85 1.50 -0.73	32.62 1.43 -0.81	32.23 1.35 -1.48	33.14 1.29 -3.84	29.07 1.31 -0.96	29.26 1.42 -0.96	33.46 1.47 -0.79	45.63 2.02 -2.46	56.96 2.75 -1.42	66.68 3.05 0.00	62.18 2.90 0.00	51.97 2.60 -1.27	43.43 2.20 -0.52	38.96 1.65 -0.61
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.64 1.78 -0.01	37.21 1.41 -0.66	36.03 1.32 -0.01	36.26 1.26 -0.01	37.14 1.26 0.00	38.52 1.19 0.00	46.48 1.82 -0.31	52.09 2.28 -0.23	43.78 1.86 -0.54	37.68 1.66 -0.68	34.85 1.50 -0.73	32.62 1.43 -0.81	32.23 1.35 -1.48	33.14 1.29 -3.84	29.07 1.31 -0.96	29.26 1.42 -0.96	33.46 1.47 -0.79	45.63 2.02 -2.46	56.96 2.75 -1.42	66.68 3.05 0.00	62.18 2.90 0.00	51.97 2.60 -1.27	43.43 2.20 -0.52	38.96 1.65 -0.61
HEMPSTEAD____ 23647	39.40 1.55 0.00	36.27 1.12 0.00	35.78 1.08 0.00	35.90 0.91 0.00	36.89 1.00 0.00	38.37 1.04 0.00	46.25 1.91 0.00	51.37 1.78 0.00	42.74 1.36 0.00	36.47 1.13 0.01	33.79 1.17 0.01	31.47 1.09 0.01	30.33 0.94 0.01	28.98 0.98 0.01	27.81 1.02 0.00	28.06 1.18 0.00	32.42 1.22 0.00	42.87 1.73 0.00	55.28 2.48 0.00	66.81 3.18 0.00	62.18 2.90 0.00	50.95 2.84 0.00	42.95 2.24 0.00	38.46 1.76 0.00
HEWLETT_69_KV_BK3 55828	39.82 1.97 0.00	36.62 1.48 0.00	36.09 1.39 0.00	36.25 1.26 0.00	37.28 1.40 0.00	38.75 1.42 0.00	46.52 2.17 0.00	52.01 2.43 0.00	43.16 1.78 0.00	36.79 1.45 0.00	33.96 1.34 0.00	31.61 1.22 0.00	30.51 1.12 0.00	29.16 1.15 0.00	27.97 1.18 0.00	28.28 1.40 0.00	32.67 1.47 0.00	43.25 2.10 0.00	55.75 2.96 0.00	67.32 3.69 0.00	62.60 3.32 0.00	51.33 3.22 0.00	43.36 2.65 0.00	38.72 2.02 0.00
HICKLING___1 23621	37.97 0.11 0.00	35.57 0.42 0.00	35.25 0.56 0.00	35.65 0.66 0.00	36.56 0.68 0.00	38.04 0.71 0.00	44.97 0.62 0.00	49.53 -0.05 0.00	41.92 0.54 0.00	35.45 0.11 0.00	32.56 -0.07 0.00	30.42 0.03 0.00	29.25 -0.15 0.00	27.78 -0.22 0.00	26.42 -0.38 0.00	26.58 -0.30 0.00	30.95 -0.25 0.00	40.82 -0.33 0.00	52.16 -0.63 0.00	63.18 -0.45 0.00	58.63 -0.65 0.00	46.95 -1.15 0.00	39.70 -1.02 0.00	36.19 -0.51 0.00
HICKLING___2 23622	37.97 0.11 0.00	35.57 0.42 0.00	35.25 0.56 0.00	35.65 0.66 0.00	36.56 0.68 0.00	38.04 0.71 0.00	44.97 0.62 0.00	49.53 -0.05 0.00	41.92 0.54 0.00	35.45 0.11 0.00	32.56 -0.07 0.00	30.42 0.03 0.00	29.25 -0.15 0.00	27.78 -0.22 0.00	26.42 -0.38 0.00	26.58 -0.30 0.00	30.95 -0.25 0.00	40.82 -0.33 0.00	52.16 -0.63 0.00	63.18 -0.45 0.00	58.63 -0.65 0.00	46.95 -1.15 0.00	39.70 -1.02 0.00	36.19 -0.51 0.00
HIGH FALLS___HY 23754	39.33 1.48 0.00	36.30 1.16 0.00	35.77 1.08 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.45 1.12 0.00	45.99 1.64 0.00	51.52 1.93 0.00	42.95 1.57 0.00	36.55 1.20 0.00	33.64 1.01 0.00	31.27 0.88 0.00	30.22 0.82 0.00	28.79 0.78 0.00	27.65 0.86 0.00	27.79 0.91 0.00	32.17 0.97 0.00	42.75 1.60 0.00	55.06 2.27 0.00	66.55 2.93 0.00	62.01 2.73 0.00	50.22 2.12 0.00	42.51 1.79 0.00	38.10 1.39 0.00
HIGH_RIVER___SOLAR 323847	38.95 1.10 0.00	36.09 0.95 0.00	35.60 0.90 0.00	35.97 0.98 0.00	36.85 0.97 0.00	38.41 1.08 0.00	45.73 1.38 0.00	50.97 1.39 0.00	42.21 0.83 0.00	35.80 0.46 0.00	32.92 0.29 0.00	30.60 0.21 0.00	29.66 0.26 0.00	28.26 0.25 0.00	27.01 0.21 0.00	27.17 0.30 0.00	31.64 0.44 0.00	42.21 1.07 0.00	54.64 1.85 0.00	65.98 2.36 0.00	61.53 2.25 0.00	49.94 1.83 0.00	42.22 1.51 0.00	37.91 1.21 0.00

HILLBURN___GT 23639	38.99 1.13 0.00	35.99 0.84 0.00	35.50 0.80 0.00	35.73 0.74 0.00	36.64 0.75 0.00	38.11 0.79 0.00	45.64 1.29 0.00	51.07 1.49 0.00	42.62 1.24 0.00	36.44 1.10 0.00	33.67 1.04 0.00	31.39 1.00 0.00	30.28 0.88 0.00	28.88 0.87 0.00	27.65 0.86 0.00	27.84 0.97 0.00	32.14 0.94 0.00	42.46 1.32 0.00	54.53 1.74 0.00	66.04 2.42 0.00	61.47 2.19 0.00	49.84 1.73 0.00	42.18 1.46 0.00	37.80 1.10 0.00
HILLSIDE_115KV_TB1 80332	37.55 -0.30 0.00	35.11 -0.04 0.00	34.77 0.07 0.00	35.13 0.14 0.00	36.06 0.18 0.00	37.48 0.15 0.00	44.30 -0.04 0.00	48.89 -0.69 0.00	41.38 0.00 0.00	35.06 -0.28 0.00	32.23 -0.39 0.00	30.12 -0.27 0.00	29.01 -0.38 0.00	27.56 -0.45 0.00	26.23 -0.56 0.00	26.37 -0.51 0.00	30.64 -0.56 0.00	40.32 -0.82 0.00	51.47 -1.32 0.00	62.35 -1.27 0.00	57.92 -1.36 0.00	46.47 -1.64 0.00	39.33 -1.38 0.00	35.82 -0.88 0.00
HISHELDN_WT_PWR 323625	36.60 -1.25 0.00	34.37 -0.77 0.00	34.11 -0.59 0.00	34.57 -0.42 0.00	35.56 -0.32 0.00	36.88 -0.45 0.00	43.06 -1.29 0.00	47.16 -2.43 0.00	40.22 -1.16 0.00	33.93 -1.41 0.00	31.22 -1.40 0.00	29.24 -1.15 0.00	28.16 -1.23 0.00	26.69 -1.32 0.00	25.48 -1.31 0.00	25.48 -1.40 0.00	29.67 -1.53 0.00	38.96 -2.18 0.00	49.68 -3.11 0.00	59.81 -3.82 0.00	55.31 -3.97 0.00	44.07 -4.04 0.00	37.46 -3.26 0.00	34.39 -2.31 0.00
HOLTSVILLE_IC_1 23690	39.37 1.52 0.00	36.06 0.91 0.00	35.57 0.87 0.00	35.62 0.63 0.00	36.67 0.79 0.00	38.15 0.82 0.00	46.30 1.95 0.00	51.12 1.54 0.00	42.37 0.99 0.00	36.08 0.74 0.01	33.37 0.75 0.01	31.05 0.67 0.01	29.89 0.50 0.01	28.62 0.62 0.01	27.57 0.78 0.00	27.93 1.05 0.00	32.11 0.91 0.00	42.63 1.48 0.00	55.11 2.32 0.00	66.81 3.18 0.00	62.18 2.90 0.00	51.09 2.98 0.00	43.07 2.36 0.00	38.43 1.73 0.00
HOLTSVILLE_IC_10 23699	39.52 1.66 0.00	36.16 1.02 0.00	35.71 1.01 0.00	35.73 0.74 0.00	36.81 0.93 0.00	38.26 0.93 0.00	46.48 2.13 0.00	51.27 1.69 0.00	42.50 1.12 0.00	36.15 0.81 0.01	33.43 0.82 0.01	31.11 0.73 0.01	29.94 0.56 0.01	28.67 0.67 0.01	27.63 0.83 0.00	28.01 1.13 0.00	32.20 1.00 0.00	42.79 1.65 0.00	55.38 2.59 0.00	67.12 3.50 0.00	62.48 3.20 0.00	51.33 3.22 0.00	43.24 2.53 0.00	38.54 1.83 0.00
HOLTSVILLE_IC_2 23691	39.37 1.52 0.00	36.06 0.91 0.00	35.57 0.87 0.00	35.62 0.63 0.00	36.67 0.79 0.00	38.15 0.82 0.00	46.30 1.95 0.00	51.12 1.54 0.00	42.37 0.99 0.00	36.08 0.74 0.01	33.37 0.75 0.01	31.05 0.67 0.01	29.89 0.50 0.01	28.62 0.62 0.01	27.57 0.78 0.00	27.93 1.05 0.00	32.11 0.91 0.00	42.63 1.48 0.00	55.11 2.32 0.00	66.81 3.18 0.00	62.18 2.90 0.00	51.09 2.98 0.00	43.07 2.36 0.00	38.43 1.73 0.00
HOLTSVILLE_IC_3 23692	39.37 1.52 0.00	36.06 0.91 0.00	35.57 0.87 0.00	35.62 0.63 0.00	36.67 0.79 0.00	38.15 0.82 0.00	46.30 1.95 0.00	51.12 1.54 0.00	42.37 0.99 0.00	36.08 0.74 0.01	33.37 0.75 0.01	31.05 0.67 0.01	29.89 0.50 0.01	28.62 0.62 0.01	27.57 0.78 0.00	27.93 1.05 0.00	32.11 0.91 0.00	42.63 1.48 0.00	55.11 2.32 0.00	66.81 3.18 0.00	62.18 2.90 0.00	51.09 2.98 0.00	43.07 2.36 0.00	38.43 1.73 0.00
HOLTSVILLE_IC_4 23693	39.37 1.52 0.00	36.06 0.91 0.00	35.57 0.87 0.00	35.62 0.63 0.00	36.67 0.79 0.00	38.15 0.82 0.00	46.30 1.95 0.00	51.12 1.54 0.00	42.37 0.99 0.00	36.08 0.74 0.01	33.37 0.75 0.01	31.05 0.67 0.01	29.89 0.50 0.01	28.62 0.62 0.01	27.57 0.78 0.00	27.93 1.05 0.00	32.11 0.91 0.00	42.63 1.48 0.00	55.11 2.32 0.00	66.81 3.18 0.00	62.18 2.90 0.00	51.09 2.98 0.00	43.07 2.36 0.00	38.43 1.73 0.00
HOLTSVILLE_IC_5 23694	39.37 1.52 0.00	36.06 0.91 0.00	35.57 0.87 0.00	35.62 0.63 0.00	36.67 0.79 0.00	38.15 0.82 0.00	46.30 1.95 0.00	51.12 1.54 0.00	42.37 0.99 0.00	36.08 0.74 0.01	33.37 0.75 0.01	31.05 0.67 0.01	29.89 0.50 0.01	28.62 0.62 0.01	27.57 0.78 0.00	27.93 1.05 0.00	32.11 0.91 0.00	42.63 1.48 0.00	55.11 2.32 0.00	66.81 3.18 0.00	62.18 2.90 0.00	51.09 2.98 0.00	43.07 2.36 0.00	38.43 1.73 0.00
HOLTSVILLE_IC_6 23695	39.52 1.66 0.00	36.16 1.02 0.00	35.71 1.01 0.00	35.73 0.74 0.00	36.81 0.93 0.00	38.26 0.93 0.00	46.48 2.13 0.00	51.27 1.69 0.00	42.50 1.12 0.00	36.15 0.81 0.01	33.43 0.82 0.01	31.11 0.73 0.01	29.94 0.56 0.01	28.67 0.67 0.01	27.63 0.83 0.00	28.01 1.13 0.00	32.20 1.00 0.00	42.79 1.65 0.00	55.38 2.59 0.00	67.12 3.50 0.00	62.48 3.20 0.00	51.33 3.22 0.00	43.24 2.53 0.00	38.54 1.83 0.00
HOLTSVILLE_IC_7 23696	39.52 1.66 0.00	36.16 1.02 0.00	35.71 1.01 0.00	35.73 0.74 0.00	36.81 0.93 0.00	38.26 0.93 0.00	46.48 2.13 0.00	51.27 1.69 0.00	42.50 1.12 0.00	36.15 0.81 0.01	33.43 0.82 0.01	31.11 0.73 0.01	29.94 0.56 0.01	28.67 0.67 0.01	27.63 0.83 0.00	28.01 1.13 0.00	32.20 1.00 0.00	42.79 1.65 0.00	55.38 2.59 0.00	67.12 3.50 0.00	62.48 3.20 0.00	51.33 3.22 0.00	43.24 2.53 0.00	38.54 1.83 0.00
HOLTSVILLE_IC_8 23697	39.52 1.66 0.00	36.16 1.02 0.00	35.71 1.01 0.00	35.73 0.74 0.00	36.81 0.93 0.00	38.26 0.93 0.00	46.48 2.13 0.00	51.27 1.69 0.00	42.50 1.12 0.00	36.15 0.81 0.01	33.43 0.82 0.01	31.11 0.73 0.01	29.94 0.56 0.01	28.67 0.67 0.01	27.63 0.83 0.00	28.01 1.13 0.00	32.20 1.00 0.00	42.79 1.65 0.00	55.38 2.59 0.00	67.12 3.50 0.00	62.48 3.20 0.00	51.33 3.22 0.00	43.24 2.53 0.00	38.54 1.83 0.00
HOLTSVILLE_IC_9 23698	39.52 1.66 0.00	36.16 1.02 0.00	35.71 1.01 0.00	35.73 0.74 0.00	36.81 0.93 0.00	38.26 0.93 0.00	46.48 2.13 0.00	51.27 1.69 0.00	42.50 1.12 0.00	36.15 0.81 0.01	33.43 0.82 0.01	31.11 0.73 0.01	29.94 0.56 0.01	28.67 0.67 0.01	27.63 0.83 0.00	28.01 1.13 0.00	32.20 1.00 0.00	42.79 1.65 0.00	55.38 2.59 0.00	67.12 3.50 0.00	62.48 3.20 0.00	51.33 3.22 0.00	43.24 2.53 0.00	38.54 1.83 0.00
HOMER_HL_115KV_TB2 355744	37.81 -0.04 0.00	35.53 0.39 0.00	35.25 0.56 0.00	35.69 0.70 0.00	36.60 0.72 0.00	38.00 0.67 0.00	44.61 0.27 0.00	48.74 -0.84 0.00	41.96 0.58 0.00	35.38 0.04 0.00	32.63 0.00 0.00	30.60 0.21 0.00	29.37 -0.03 0.00	27.78 -0.22 0.00	26.42 -0.38 0.00	26.53 -0.35 0.00	30.76 -0.44 0.00	40.20 -0.95 0.00	51.05 -1.74 0.00	61.91 -1.72 0.00	57.38 -1.90 0.00	45.65 -2.45 0.00	38.76 -1.95 0.00	35.71 -0.99 0.00
HOWARD_WT_PWR 323690	36.87 -0.98 0.00	34.62 -0.53 0.00	34.42 -0.28 0.00	34.95 -0.03 0.00	36.03 0.14 0.00	37.55 0.23 0.00	44.30 -0.04 0.00	48.79 -0.80 0.00	41.46 0.08 0.00	35.17 -0.18 0.00	32.27 -0.36 0.00	30.12 -0.27 0.00	29.01 -0.38 0.00	27.51 -0.50 0.00	26.23 -0.56 0.00	26.31 -0.57 0.00	30.73 -0.47 0.00	40.65 -0.49 0.00	52.16 -0.63 0.00	62.93 -0.70 0.00	58.09 -1.19 0.00	46.23 -1.88 0.00	39.01 -1.71 0.00	35.34 -1.36 0.00

HQ_GEN_CEDARS 23644	39.73 -0.26 -2.14	37.02 -0.14 -2.01	36.54 -0.14 -1.98	36.81 -0.17 -1.99	37.77 -0.14 -2.03	39.03 -0.07 -1.78	44.04 -0.31 0.00	49.58 0.00 0.00	41.30 -0.08 0.00	35.17 -0.18 0.00	32.59 -0.03 0.00	30.36 -0.03 0.00	29.34 -0.06 0.00	27.98 -0.03 0.00	26.79 0.00 0.00	26.77 -0.11 0.00	31.17 -0.03 0.00	41.31 0.16 0.00	53.16 0.37 0.00	64.01 0.38 0.00	59.64 0.36 0.00	48.54 0.43 0.00	40.96 0.24 0.00	36.92 0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	39.73 -0.26 -2.14	37.02 -0.14 -2.01	36.54 -0.14 -1.98	36.81 -0.17 -1.99	37.77 -0.14 -2.03	39.03 -0.07 -1.78	44.04 -0.31 0.00	49.58 0.00 0.00	41.30 -0.08 0.00	35.17 -0.18 0.00	32.59 -0.03 0.00	30.36 -0.03 0.00	29.34 -0.06 0.00	27.98 -0.03 0.00	26.79 0.00 0.00	26.80 -0.08 0.00	31.17 -0.03 0.00	41.31 0.17 0.00	53.17 0.37 0.00	64.01 0.38 0.00	59.58 0.30 0.00	48.54 0.43 0.00	40.96 0.25 0.00	36.92 0.22 0.00
HQ_GEN_IMPORT 323601	37.66 -0.19 0.00	35.00 -0.14 0.00	34.56 -0.14 0.00	34.85 -0.14 0.00	35.74 -0.14 0.00	37.22 -0.11 0.00	44.17 -0.18 0.00	49.49 -0.10 0.00	41.30 -0.08 0.00	35.24 -0.11 0.00	32.59 -0.03 0.00	30.36 -0.03 0.00	29.37 -0.03 0.00	27.98 -0.03 0.00	26.79 0.00 0.00	26.85 -0.03 0.00	31.17 -0.03 0.00	41.19 0.04 0.00	52.90 0.11 0.00	63.69 0.06 0.00	59.34 0.06 0.00	48.25 0.14 0.00	40.80 0.08 0.00	36.77 0.07 0.00
HQ_GEN_WHEEL 23651	37.66 -0.19 0.00	35.00 -0.14 0.00	34.56 -0.14 0.00	34.85 -0.14 0.00	35.74 -0.14 0.00	37.22 -0.11 0.00	44.17 -0.18 0.00	49.49 -0.10 0.00	41.30 -0.08 0.00	35.24 -0.11 0.00	32.59 -0.03 0.00	30.36 -0.03 0.00	29.37 -0.03 0.00	27.98 -0.03 0.00	26.79 0.00 0.00	26.85 -0.03 0.00	31.17 -0.03 0.00	41.19 0.04 0.00	52.90 0.11 0.00	63.69 0.06 0.00	59.34 0.06 0.00	48.25 0.14 0.00	40.80 0.08 0.00	36.77 0.07 0.00
HUDSON_AVE_GT_3 23810	39.44 1.59 0.00	36.37 1.23 0.00	35.81 1.11 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.62 2.03 0.00	43.07 1.70 0.00	36.83 1.48 0.00	34.00 1.37 0.00	31.70 1.31 0.00	30.63 1.23 0.00	29.21 1.20 0.00	27.97 1.18 0.00	28.20 1.32 0.00	32.54 1.34 0.00	43.00 1.85 0.00	55.33 2.53 0.00	66.68 3.05 0.00	62.07 2.79 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.21 1.50 0.00
HUDSON_AVE_GT_4 23540	39.44 1.59 0.00	36.37 1.23 0.00	35.81 1.11 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.62 2.03 0.00	43.07 1.70 0.00	36.83 1.48 0.00	34.00 1.37 0.00	31.70 1.31 0.00	30.63 1.23 0.00	29.21 1.20 0.00	27.97 1.18 0.00	28.20 1.32 0.00	32.54 1.34 0.00	43.00 1.85 0.00	55.33 2.53 0.00	66.68 3.05 0.00	62.07 2.79 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.21 1.50 0.00
HUDSON_AVE_GT_5 23657	39.44 1.59 0.00	36.37 1.23 0.00	35.81 1.11 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.62 2.03 0.00	43.07 1.70 0.00	36.83 1.48 0.00	34.00 1.37 0.00	31.70 1.31 0.00	30.63 1.23 0.00	29.21 1.20 0.00	27.97 1.18 0.00	28.20 1.32 0.00	32.54 1.34 0.00	43.00 1.85 0.00	55.33 2.53 0.00	66.68 3.05 0.00	62.07 2.79 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.21 1.50 0.00
HUDSON_AVE_10 24168	39.37 1.51 0.00	36.30 1.16 0.00	35.74 1.04 0.00	35.97 0.98 0.00	36.89 1.00 0.00	38.26 0.93 0.00	45.90 1.55 0.00	51.57 1.98 0.00	43.03 1.66 0.00	36.83 1.48 0.00	33.96 1.34 0.00	31.70 1.31 0.00	30.60 1.21 0.00	29.19 1.18 0.00	27.97 1.18 0.00	28.17 1.29 0.00	32.51 1.31 0.00	42.96 1.81 0.00	55.27 2.48 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.47 2.36 0.00	42.67 1.95 0.00	38.13 1.43 0.00
HUDSON___115KV_TB 4 355613	38.99 1.14 0.00	36.06 0.91 0.00	35.53 0.83 0.00	35.86 0.87 0.00	36.78 0.90 0.00	38.30 0.97 0.00	45.68 1.33 0.00	51.07 1.49 0.00	42.21 0.83 0.00	35.98 0.64 0.00	33.08 0.46 0.00	30.75 0.36 0.00	29.72 0.32 0.00	28.32 0.31 0.00	27.17 0.38 0.00	27.28 0.40 0.00	31.73 0.53 0.00	42.09 0.95 0.00	54.54 1.74 0.00	65.85 2.23 0.00	61.35 2.07 0.00	49.84 1.73 0.00	42.22 1.51 0.00	37.95 1.25 0.00
HUNTER MOUNT___DRP 323613	39.21 1.36 0.00	36.27 1.12 0.00	35.77 1.08 0.00	36.11 1.12 0.00	37.00 1.11 0.00	38.56 1.23 0.00	45.99 1.64 0.00	51.42 1.83 0.00	42.37 0.99 0.00	36.05 0.71 0.00	33.12 0.49 0.00	30.75 0.36 0.00	29.72 0.32 0.00	28.32 0.31 0.00	27.14 0.35 0.00	27.25 0.38 0.00	31.73 0.53 0.00	42.26 1.11 0.00	54.80 2.01 0.00	66.23 2.61 0.00	61.65 2.37 0.00	50.03 1.92 0.00	42.42 1.71 0.00	38.17 1.47 0.00
HUNTINGTON_RES_REC 323705	39.48 1.63 0.00	36.23 1.09 0.00	35.74 1.04 0.00	35.83 0.84 0.00	36.89 1.00 0.00	38.34 1.01 0.00	46.43 2.08 0.00	51.27 1.69 0.00	42.66 1.28 0.00	36.32 0.99 0.01	33.63 1.01 0.01	31.29 0.91 0.01	30.12 0.74 0.01	28.84 0.84 0.01	27.73 0.94 0.00	28.03 1.15 0.00	32.32 1.12 0.00	42.91 1.77 0.00	55.28 2.48 0.00	66.81 3.18 0.00	62.24 2.96 0.00	51.28 3.17 0.00	43.20 2.48 0.00	38.54 1.83 0.00
HUNTLEY___63 23557	36.98 -0.87 0.00	34.76 -0.39 0.00	34.46 -0.24 0.00	34.88 -0.10 0.00	35.74 -0.14 0.00	37.10 -0.22 0.00	43.28 -1.06 0.00	46.71 -2.88 0.00	40.34 -1.03 0.00	34.04 -1.31 0.00	31.48 -1.14 0.00	29.69 -0.70 0.00	28.40 -1.00 0.00	26.86 -1.15 0.00	25.48 -1.31 0.00	25.61 -1.26 0.00	29.80 -1.40 0.00	38.84 -2.30 0.00	49.31 -3.48 0.00	59.30 -4.33 0.00	55.19 -4.09 0.00	44.07 -4.04 0.00	37.74 -2.97 0.00	35.01 -1.69 0.00
HUNTLEY___64 23558	36.98 -0.87 0.00	34.76 -0.39 0.00	34.46 -0.24 0.00	34.88 -0.10 0.00	35.74 -0.14 0.00	37.10 -0.22 0.00	43.28 -1.06 0.00	46.71 -2.88 0.00	40.34 -1.03 0.00	34.04 -1.31 0.00	31.48 -1.14 0.00	29.69 -0.70 0.00	28.40 -1.00 0.00	26.86 -1.15 0.00	25.48 -1.31 0.00	25.61 -1.26 0.00	29.80 -1.40 0.00	38.84 -2.30 0.00	49.31 -3.48 0.00	59.30 -4.33 0.00	55.19 -4.09 0.00	44.07 -4.04 0.00	37.74 -2.97 0.00	35.01 -1.69 0.00
HUNTLEY___65 23559	36.98 -0.87 0.00	34.76 -0.39 0.00	34.46 -0.24 0.00	34.88 -0.10 0.00	35.74 -0.14 0.00	37.10 -0.22 0.00	43.28 -1.06 0.00	46.71 -2.88 0.00	40.34 -1.03 0.00	34.04 -1.31 0.00	31.48 -1.14 0.00	29.69 -0.70 0.00	28.40 -1.00 0.00	26.86 -1.15 0.00	25.48 -1.31 0.00	25.61 -1.26 0.00	29.80 -1.40 0.00	38.84 -2.30 0.00	49.31 -3.48 0.00	59.30 -4.33 0.00	55.19 -4.09 0.00	44.07 -4.04 0.00	37.74 -2.97 0.00	35.01 -1.69 0.00
HUNTLEY___66 23560	36.98 -0.87 0.00	34.76 -0.39 0.00	34.46 -0.24 0.00	34.88 -0.10 0.00	35.74 -0.14 0.00	37.10 -0.22 0.00	43.28 -1.06 0.00	46.71 -2.88 0.00	40.34 -1.03 0.00	34.04 -1.31 0.00	31.48 -1.14 0.00	29.69 -0.70 0.00	28.40 -1.00 0.00	26.86 -1.15 0.00	25.48 -1.31 0.00	25.61 -1.26 0.00	29.80 -1.40 0.00	38.84 -2.30 0.00	49.31 -3.48 0.00	59.30 -4.33 0.00	55.19 -4.09 0.00	44.07 -4.04 0.00	37.74 -2.97 0.00	35.01 -1.69 0.00



HUNTLEY___67 23561	36.91 -0.95 0.00	34.69 -0.46 0.00	34.39 -0.31 0.00	34.78 -0.21 0.00	35.67 -0.22 0.00	37.03 -0.30 0.00	43.20 -1.15 0.00	46.66 -2.93 0.00	40.26 -1.12 0.00	34.00 -1.34 0.00	31.42 -1.21 0.00	29.63 -0.76 0.00	28.37 -1.03 0.00	26.83 -1.18 0.00	25.48 -1.31 0.00	25.61 -1.26 0.00	29.76 -1.44 0.00	38.80 -2.35 0.00	49.15 -3.64 0.00	59.17 -4.45 0.00	55.07 -4.21 0.00	43.97 -4.14 0.00	37.66 -3.05 0.00	34.90 -1.80 0.00
HUNTLEY___68 23562	36.91 -0.95 0.00	34.69 -0.46 0.00	34.39 -0.31 0.00	34.78 -0.21 0.00	35.67 -0.22 0.00	37.03 -0.30 0.00	43.20 -1.15 0.00	46.66 -2.93 0.00	40.26 -1.12 0.00	34.00 -1.34 0.00	31.42 -1.21 0.00	29.63 -0.76 0.00	28.37 -1.03 0.00	26.83 -1.18 0.00	25.48 -1.31 0.00	25.61 -1.26 0.00	29.76 -1.44 0.00	38.80 -2.35 0.00	49.15 -3.64 0.00	59.17 -4.45 0.00	55.07 -4.21 0.00	43.97 -4.14 0.00	37.66 -3.05 0.00	34.90 -1.80 0.00
HYLAND___LFG 323620	38.72 0.87 0.00	36.34 1.20 0.00	35.98 1.28 0.00	36.49 1.50 0.00	37.57 1.69 0.00	38.97 1.64 0.00	45.64 1.29 0.00	49.88 0.30 0.00	41.59 0.21 0.00	34.88 -0.46 0.00	31.78 -0.85 0.00	29.51 -0.88 0.00	28.37 -1.03 0.00	26.89 -1.12 0.00	25.78 -1.02 0.00	25.88 -0.99 0.00	30.36 -0.84 0.00	40.41 -0.74 0.00	52.58 -0.21 0.00	64.45 0.82 0.00	60.17 0.89 0.00	47.96 -0.14 0.00	40.55 -0.16 0.00	36.96 0.26 0.00
INDECK___CORINTH 23802	39.67 1.82 0.00	36.76 1.62 0.00	36.26 1.56 0.00	36.70 1.71 0.00	37.64 1.76 0.00	39.27 1.94 0.00	46.79 2.44 0.00	52.51 2.92 0.00	43.16 1.78 0.00	36.55 1.20 0.00	33.47 0.85 0.00	31.03 0.64 0.00	30.01 0.62 0.00	28.48 0.48 0.00	27.25 0.46 0.00	27.44 0.57 0.00	32.07 0.87 0.00	42.91 1.77 0.00	55.69 2.90 0.00	67.31 3.69 0.00	62.78 3.50 0.00	50.95 2.84 0.00	42.99 2.28 0.00	38.57 1.87 0.00
INDECK___ILION 23567	37.78 -0.08 0.00	35.07 -0.07 0.00	34.63 -0.07 0.00	34.95 -0.03 0.00	35.88 0.00 0.00	37.33 0.00 0.00	44.39 0.04 0.00	49.68 0.10 0.00	41.46 0.08 0.00	35.45 0.11 0.00	32.72 0.10 0.00	30.48 0.09 0.00	29.51 0.12 0.00	28.12 0.11 0.00	26.93 0.13 0.00	27.04 0.16 0.00	31.42 0.22 0.00	41.52 0.37 0.00	53.32 0.53 0.00	64.32 0.70 0.00	59.99 0.71 0.00	48.64 0.53 0.00	41.08 0.37 0.00	36.92 0.22 0.00
INDECK___OLEAN 23982	37.85 0.00 0.00	35.53 0.39 0.00	35.25 0.55 0.00	35.62 0.63 0.00	36.64 0.75 0.00	37.92 0.60 0.00	44.35 0.00 0.00	48.69 -0.89 0.00	41.79 0.41 0.00	35.31 -0.04 0.00	32.56 -0.07 0.00	30.45 0.06 0.00	29.34 -0.06 0.00	27.78 -0.23 0.00	26.50 -0.29 0.00	26.50 -0.38 0.00	30.76 -0.44 0.00	40.20 -0.94 0.00	51.10 -1.69 0.00	61.91 -1.71 0.00	57.26 -2.02 0.00	45.66 -2.45 0.00	38.80 -1.91 0.00	35.67 -1.03 0.00
INDECK___OSWEGO 23783	37.29 -0.57 0.00	34.69 -0.46 0.00	34.28 -0.41 0.00	34.57 -0.42 0.00	35.45 -0.43 0.00	36.84 -0.49 0.00	43.64 -0.71 0.00	48.69 -0.89 0.00	40.71 -0.66 0.00	34.78 -0.57 0.00	32.04 -0.59 0.00	29.81 -0.58 0.00	28.84 -0.56 0.00	27.42 -0.59 0.00	26.20 -0.59 0.00	26.29 -0.59 0.00	30.61 -0.59 0.00	40.20 -0.94 0.00	51.42 -1.37 0.00	62.10 -1.53 0.00	57.80 -1.48 0.00	46.81 -1.30 0.00	39.62 -1.10 0.00	35.82 -0.88 0.00
INDECK___YERKES 23781	37.06 -0.80 0.00	34.79 -0.35 0.00	34.49 -0.21 0.00	34.85 -0.14 0.00	35.81 -0.07 0.00	37.07 -0.26 0.00	42.93 -1.42 0.00	46.76 -2.82 0.00	40.22 -1.16 0.00	33.96 -1.38 0.00	31.35 -1.27 0.00	29.42 -0.97 0.00	28.37 -1.03 0.00	26.83 -1.18 0.00	25.64 -1.15 0.00	25.59 -1.29 0.00	29.80 -1.40 0.00	38.88 -2.26 0.00	49.41 -3.38 0.00	59.36 -4.26 0.00	55.07 -4.21 0.00	44.07 -4.04 0.00	37.82 -2.89 0.00	35.05 -1.65 0.00
INDIAN POINT_GT_1 24139	39.03 1.17 0.00	36.02 0.88 0.00	35.50 0.80 0.00	35.76 0.77 0.00	36.64 0.75 0.00	38.07 0.75 0.00	45.55 1.20 0.00	51.12 1.54 0.00	42.62 1.24 0.00	36.40 1.06 0.00	33.57 0.95 0.00	31.27 0.88 0.00	30.22 0.82 0.00	28.82 0.81 0.00	27.62 0.83 0.00	27.79 0.91 0.00	32.14 0.94 0.00	42.46 1.32 0.00	54.64 1.85 0.00	65.98 2.35 0.00	61.41 2.13 0.00	49.94 1.83 0.00	42.26 1.55 0.00	37.84 1.14 0.00
INDIAN POINT_GT_2 23659	39.03 1.17 0.00	36.02 0.88 0.00	35.50 0.80 0.00	35.76 0.77 0.00	36.64 0.75 0.00	38.07 0.75 0.00	45.55 1.20 0.00	51.12 1.54 0.00	42.62 1.24 0.00	36.40 1.06 0.00	33.57 0.95 0.00	31.27 0.88 0.00	30.22 0.82 0.00	28.82 0.81 0.00	27.62 0.83 0.00	27.79 0.91 0.00	32.14 0.94 0.00	42.46 1.32 0.00	54.64 1.85 0.00	65.98 2.35 0.00	61.41 2.13 0.00	49.94 1.83 0.00	42.26 1.55 0.00	37.84 1.14 0.00
INDIAN POINT_GT_3 24019	39.03 1.17 0.00	36.02 0.88 0.00	35.50 0.80 0.00	35.76 0.77 0.00	36.64 0.75 0.00	38.07 0.75 0.00	45.55 1.20 0.00	51.12 1.54 0.00	42.62 1.24 0.00	36.40 1.06 0.00	33.57 0.95 0.00	31.27 0.88 0.00	30.22 0.82 0.00	28.82 0.81 0.00	27.62 0.83 0.00	27.79 0.91 0.00	32.14 0.94 0.00	42.46 1.32 0.00	54.64 1.85 0.00	65.98 2.35 0.00	61.41 2.13 0.00	49.94 1.83 0.00	42.26 1.55 0.00	37.84 1.14 0.00
INDIAN POINT___2 23530	38.87 1.02 0.00	35.92 0.77 0.00	35.39 0.69 0.00	35.65 0.66 0.00	36.53 0.65 0.00	38.03 0.71 0.00	45.50 1.15 0.00	50.92 1.34 0.00	42.50 1.12 0.00	36.37 1.03 0.00	33.60 0.98 0.00	31.33 0.94 0.00	30.19 0.79 0.00	28.79 0.78 0.00	27.60 0.80 0.00	27.76 0.89 0.00	32.04 0.84 0.00	42.34 1.19 0.00	54.38 1.58 0.00	65.85 2.23 0.00	61.30 2.02 0.00	49.74 1.64 0.00	42.06 1.34 0.00	37.69 0.99 0.00
INDIAN POINT___3 23531	39.06 1.21 0.00	36.02 0.88 0.00	35.53 0.83 0.00	35.76 0.77 0.00	36.67 0.79 0.00	38.07 0.75 0.00	45.59 1.24 0.00	51.17 1.59 0.00	42.62 1.24 0.00	36.44 1.10 0.00	33.61 0.98 0.00	31.30 0.91 0.00	30.25 0.85 0.00	28.85 0.84 0.00	27.65 0.86 0.00	27.85 0.97 0.00	32.17 0.97 0.00	42.50 1.36 0.00	54.69 1.90 0.00	66.04 2.42 0.00	61.47 2.19 0.00	49.98 1.88 0.00	42.30 1.59 0.00	37.88 1.17 0.00
INGHAM_C_115KV_TB7 356103	37.55 -0.30 0.00	34.83 -0.32 0.00	34.42 -0.28 0.00	34.78 -0.21 0.00	35.70 -0.18 0.00	37.18 -0.15 0.00	44.22 -0.13 0.00	49.53 -0.05 0.00	41.38 0.00 0.00	35.41 0.07 0.00	32.69 0.07 0.00	30.51 0.12 0.00	29.54 0.15 0.00	28.18 0.17 0.00	26.98 0.19 0.00	27.12 0.24 0.00	31.51 0.31 0.00	41.68 0.53 0.00	53.64 0.84 0.00	64.77 1.15 0.00	60.35 1.07 0.00	48.93 0.82 0.00	41.24 0.53 0.00	36.99 0.29 0.00
IP CORINTH___1 23988	39.67 1.82 0.00	36.76 1.62 0.00	36.26 1.56 0.00	36.70 1.71 0.00	37.64 1.76 0.00	39.27 1.94 0.00	46.83 2.48 0.00	52.51 2.93 0.00	43.12 1.74 0.00	36.55 1.20 0.00	33.41 0.78 0.00	30.97 0.58 0.00	29.95 0.56 0.00	28.46 0.45 0.00	27.22 0.43 0.00	27.42 0.54 0.00	32.07 0.87 0.00	42.92 1.77 0.00	55.70 2.90 0.00	67.51 3.88 0.00	62.78 3.50 0.00	50.95 2.84 0.00	43.04 2.32 0.00	38.57 1.87 0.00

IP___TICONDEROGA 23804	40.46 2.61 0.00	37.57 2.42 0.00	37.06 2.36 0.00	37.61 2.62 0.00	38.61 2.73 0.00	40.31 2.99 0.00	48.07 3.73 0.00	53.95 4.36 0.00	43.94 2.57 0.00	37.01 1.66 0.00	33.70 1.08 0.00	31.12 0.73 0.00	30.13 0.73 0.00	28.51 0.50 0.00	27.28 0.48 0.00	27.52 0.65 0.00	32.35 1.15 0.00	43.66 2.51 0.00	57.12 4.33 0.00	69.67 6.04 0.00	64.61 5.34 0.00	52.34 4.23 0.00	44.09 3.38 0.00	39.45 2.75 0.00
ISLIP_RES_REC 323679	39.63 1.78 0.00	36.30 1.16 0.00	35.81 1.11 0.00	35.83 0.84 0.00	36.92 1.04 0.00	38.37 1.04 0.00	46.61 2.26 0.00	51.42 1.84 0.00	42.58 1.20 0.00	36.25 0.92 0.01	33.53 0.91 0.01	31.17 0.79 0.01	29.98 0.59 0.01	28.73 0.73 0.01	27.68 0.88 0.00	28.06 1.18 0.00	32.26 1.06 0.00	42.91 1.77 0.00	55.59 2.80 0.00	67.44 3.82 0.00	62.72 3.44 0.00	51.52 3.42 0.00	43.40 2.69 0.00	38.68 1.98 0.00
JAMAICA__27_KV_LOAD 355505	39.59 1.74 0.00	36.51 1.37 0.00	35.95 1.25 0.00	36.18 1.19 0.00	37.07 1.18 0.00	38.48 1.16 0.00	46.26 1.91 0.00	52.01 2.43 0.00	43.41 2.03 0.00	37.15 1.80 0.00	34.26 1.63 0.00	31.94 1.55 0.00	30.87 1.47 0.00	29.41 1.40 0.00	28.19 1.39 0.00	28.38 1.51 0.00	32.79 1.59 0.00	43.37 2.22 0.00	55.86 3.06 0.00	67.32 3.69 0.00	62.72 3.44 0.00	50.90 2.79 0.00	43.04 2.32 0.00	38.39 1.69 0.00
JANIS___SOLAR 323808	39.52 1.66 0.00	36.83 1.69 0.00	36.50 1.80 0.00	36.88 1.89 0.00	37.86 1.97 0.00	39.34 2.01 0.00	46.52 2.17 0.00	51.96 2.38 0.00	43.20 1.82 0.00	36.40 1.06 0.00	33.18 0.55 0.00	30.76 0.37 0.00	29.63 0.23 0.00	28.15 0.14 0.00	26.87 0.08 0.00	27.12 0.24 0.00	31.92 0.72 0.00	42.71 1.56 0.00	55.28 2.48 0.00	67.12 3.50 0.00	62.42 3.14 0.00	50.18 2.07 0.00	42.26 1.55 0.00	38.13 1.43 0.00
JARVIS____ 23743	37.93 0.08 0.00	35.21 0.07 0.00	34.77 0.07 0.00	35.06 0.07 0.00	35.95 0.07 0.00	37.40 0.07 0.00	44.44 0.09 0.00	49.73 0.15 0.00	41.46 0.08 0.00	35.41 0.07 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.43 0.03 0.00	28.04 0.03 0.00	26.82 0.03 0.00	26.93 0.05 0.00	31.26 0.06 0.00	41.23 0.08 0.00	52.95 0.16 0.00	63.82 0.19 0.00	59.46 0.18 0.00	48.25 0.14 0.00	40.80 0.08 0.00	36.74 0.04 0.00
JENNISON___1 23625	39.40 1.55 0.00	36.69 1.55 0.00	36.33 1.63 0.00	36.70 1.71 0.00	37.68 1.79 0.00	39.23 1.90 0.00	46.34 2.00 0.00	51.87 2.28 0.00	43.32 1.94 0.00	36.69 1.34 0.00	33.54 0.91 0.00	31.15 0.76 0.00	30.04 0.65 0.00	28.60 0.59 0.00	27.28 0.48 0.00	27.50 0.62 0.00	32.26 1.06 0.00	43.04 1.89 0.00	55.54 2.75 0.00	67.25 3.63 0.00	62.54 3.26 0.00	50.27 2.16 0.00	42.26 1.55 0.00	38.10 1.39 0.00
JENNISON___2 23626	39.40 1.55 0.00	36.69 1.55 0.00	36.33 1.63 0.00	36.70 1.71 0.00	37.68 1.79 0.00	39.23 1.90 0.00	46.34 2.00 0.00	51.87 2.28 0.00	43.32 1.94 0.00	36.69 1.34 0.00	33.54 0.91 0.00	31.15 0.76 0.00	30.04 0.65 0.00	28.60 0.59 0.00	27.28 0.48 0.00	27.50 0.62 0.00	32.26 1.06 0.00	43.04 1.89 0.00	55.54 2.75 0.00	67.25 3.63 0.00	62.54 3.26 0.00	50.27 2.16 0.00	42.26 1.55 0.00	38.10 1.39 0.00
JERICHO_RISE_WT_PWR 323719	-8.94 -1.44 45.35	-8.69 -1.23 42.60	-8.49 -1.22 41.97	-8.43 -1.23 42.19	-8.30 -1.22 42.96	-1.57 -1.20 37.71	42.93 -1.42 0.00	48.59 -0.99 0.00	40.63 -0.74 0.00	34.67 -0.67 0.00	32.30 -0.33 0.00	30.18 -0.21 0.00	29.22 -0.18 0.00	27.93 -0.08 0.00	26.79 0.00 0.00	26.88 0.00 0.00	31.33 0.13 0.00	41.60 0.45 0.00	53.69 0.90 0.00	64.33 0.70 0.00	59.87 0.59 0.00	49.02 0.91 0.00	41.28 0.57 0.00	37.14 0.44 0.00
KATONAH___115KV_46KV_TB4 355592	39.48 1.63 0.00	36.44 1.30 0.00	35.91 1.21 0.00	36.25 1.26 0.00	37.17 1.29 0.00	38.60 1.27 0.00	46.17 1.82 0.00	51.91 2.33 0.00	43.24 1.86 0.00	36.93 1.59 0.00	34.06 1.44 0.00	31.67 1.28 0.00	30.54 1.15 0.00	29.13 1.12 0.00	27.89 1.10 0.00	28.09 1.21 0.00	32.48 1.28 0.00	43.04 1.89 0.00	55.43 2.64 0.00	67.12 3.50 0.00	62.42 3.14 0.00	50.66 2.55 0.00	42.87 2.16 0.00	38.32 1.61 0.00
KCE_NY_1 323755	39.29 1.44 0.00	36.37 1.23 0.00	35.88 1.18 0.00	36.21 1.22 0.00	37.14 1.26 0.00	38.71 1.38 0.00	46.17 1.82 0.00	51.67 2.08 0.00	42.74 1.36 0.00	36.40 1.06 0.00	33.47 0.85 0.00	31.12 0.73 0.00	30.10 0.70 0.00	28.62 0.62 0.00	27.41 0.62 0.00	27.58 0.70 0.00	32.07 0.87 0.00	42.67 1.52 0.00	55.22 2.43 0.00	66.68 3.05 0.00	62.13 2.85 0.00	50.46 2.36 0.00	42.71 1.99 0.00	38.35 1.65 0.00
KCE_NY_6_ESR 323823	37.51 -0.34 0.00	35.25 0.11 0.00	34.94 0.24 0.00	35.30 0.31 0.00	36.28 0.40 0.00	37.55 0.23 0.00	43.59 -0.75 0.00	47.55 -2.04 0.00	40.92 -0.45 0.00	34.53 -0.81 0.00	31.91 -0.72 0.00	29.90 -0.49 0.00	28.84 -0.56 0.00	27.28 -0.73 0.00	26.07 -0.72 0.00	26.02 -0.86 0.00	30.29 -0.91 0.00	39.50 -1.65 0.00	50.21 -2.59 0.00	60.38 -3.24 0.00	55.96 -3.32 0.00	44.74 -3.37 0.00	38.31 -2.40 0.00	35.45 -1.25 0.00
KEDC_PORT_JEFF_GT2 24210	39.56 1.70 0.00	36.23 1.09 0.00	35.74 1.04 0.00	35.79 0.81 0.00	36.85 0.97 0.00	38.34 1.01 0.00	46.52 2.17 0.00	51.37 1.78 0.00	42.58 1.20 0.00	36.22 0.88 0.01	33.50 0.88 0.01	31.17 0.79 0.01	30.01 0.62 0.01	28.73 0.73 0.01	27.68 0.88 0.00	28.06 1.18 0.00	32.26 1.06 0.00	42.87 1.73 0.00	55.48 2.69 0.00	67.25 3.62 0.00	62.54 3.26 0.00	51.43 3.32 0.00	43.32 2.61 0.00	38.61 1.91 0.00
KEDC_PORT_JEFF_GT3 24211	39.56 1.70 0.00	36.23 1.09 0.00	35.74 1.04 0.00	35.79 0.81 0.00	36.85 0.97 0.00	38.34 1.01 0.00	46.52 2.17 0.00	51.37 1.78 0.00	42.58 1.20 0.00	36.22 0.88 0.01	33.50 0.88 0.01	31.17 0.79 0.01	30.01 0.62 0.01	28.73 0.73 0.01	27.68 0.88 0.00	28.06 1.18 0.00	32.26 1.06 0.00	42.87 1.73 0.00	55.48 2.69 0.00	67.25 3.62 0.00	62.54 3.26 0.00	51.43 3.32 0.00	43.32 2.61 0.00	38.61 1.91 0.00
KEDC_GLWD_GT4 24219	39.63 1.78 0.00	36.48 1.34 0.00	35.98 1.28 0.00	36.11 1.12 0.00	37.10 1.22 0.00	38.60 1.27 0.00	46.52 2.17 0.00	51.67 2.08 0.00	43.03 1.66 0.00	36.71 1.38 0.01	33.99 1.37 0.01	31.66 1.28 0.01	30.50 1.12 0.01	29.15 1.15 0.01	27.97 1.18 0.00	28.19 1.32 0.00	32.57 1.37 0.00	43.12 1.97 0.00	55.59 2.80 0.00	67.19 3.56 0.00	62.60 3.32 0.00	51.19 3.08 0.00	43.20 2.48 0.00	38.61 1.91 0.00
KEDC_GLWD_GT5 24220	39.63 1.78 0.00	36.48 1.34 0.00	35.98 1.28 0.00	36.11 1.12 0.00	37.10 1.22 0.00	38.60 1.27 0.00	46.52 2.17 0.00	51.67 2.08 0.00	43.03 1.66 0.00	36.71 1.38 0.01	33.99 1.37 0.01	31.66 1.28 0.01	30.50 1.12 0.01	29.15 1.15 0.01	27.97 1.18 0.00	28.19 1.32 0.00	32.57 1.37 0.00	43.12 1.97 0.00	55.59 2.80 0.00	67.19 3.56 0.00	62.60 3.32 0.00	51.19 3.08 0.00	43.20 2.48 0.00	38.61 1.91 0.00

KENSICO____ 23655	39.25 1.40 0.00	36.20 1.05 0.00	35.67 0.97 0.00	35.90 0.91 0.00	36.82 0.93 0.00	38.26 0.93 0.00	45.81 1.46 0.00	51.37 1.79 0.00	42.83 1.45 0.00	36.62 1.27 0.00	33.77 1.14 0.00	31.45 1.06 0.00	30.40 1.00 0.00	28.99 0.98 0.00	27.79 0.99 0.00	27.98 1.10 0.00	32.32 1.12 0.00	42.75 1.60 0.00	55.01 2.22 0.00	66.36 2.74 0.00	61.77 2.49 0.00	50.22 2.12 0.00	42.51 1.79 0.00	38.06 1.36 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.29 1.44 0.00	36.30 1.16 0.00	35.77 1.08 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.45 1.12 0.00	45.99 1.64 0.00	51.52 1.93 0.00	42.87 1.49 0.00	36.47 1.13 0.00	33.57 0.95 0.00	31.21 0.82 0.00	30.13 0.73 0.00	28.74 0.73 0.00	27.57 0.78 0.00	27.74 0.86 0.00	32.10 0.90 0.00	42.71 1.56 0.00	55.01 2.22 0.00	66.55 2.93 0.00	61.95 2.67 0.00	50.22 2.12 0.00	42.51 1.79 0.00	38.10 1.39 0.00
KIAC_JFK_GT1 23816	39.40 1.55 0.00	36.30 1.16 0.00	35.77 1.08 0.00	35.97 0.98 0.00	36.85 0.97 0.00	38.30 0.97 0.00	45.99 1.64 0.00	51.67 2.08 0.00	43.20 1.82 0.00	36.93 1.59 0.00	34.09 1.47 0.00	31.79 1.40 0.00	30.72 1.32 0.00	29.27 1.26 0.00	28.05 1.26 0.00	28.25 1.37 0.00	32.64 1.44 0.00	43.16 2.02 0.00	55.54 2.75 0.00	66.93 3.31 0.00	62.30 3.02 0.00	50.61 2.50 0.00	42.83 2.12 0.00	38.17 1.47 0.00
KIAC_JFK_GT2 23817	39.40 1.55 0.00	36.30 1.16 0.00	35.77 1.08 0.00	35.97 0.98 0.00	36.85 0.97 0.00	38.30 0.97 0.00	45.99 1.64 0.00	51.67 2.08 0.00	43.20 1.82 0.00	36.93 1.59 0.00	34.09 1.47 0.00	31.79 1.40 0.00	30.72 1.32 0.00	29.27 1.26 0.00	28.05 1.26 0.00	28.25 1.37 0.00	32.64 1.44 0.00	43.16 2.02 0.00	55.54 2.75 0.00	66.93 3.31 0.00	62.30 3.02 0.00	50.61 2.50 0.00	42.83 2.12 0.00	38.17 1.47 0.00
KIAC_JFK____ 323774	39.37 1.52 0.00	36.27 1.12 0.00	35.81 1.11 0.00	36.00 1.02 0.00	36.89 1.00 0.00	38.45 1.12 0.00	46.17 1.82 0.00	51.71 2.13 0.00	43.28 1.90 0.00	37.04 1.70 0.00	34.29 1.66 0.00	32.00 1.61 0.00	30.84 1.44 0.00	29.38 1.37 0.00	28.13 1.34 0.00	28.33 1.45 0.00	32.73 1.53 0.00	43.20 2.06 0.00	55.48 2.69 0.00	67.06 3.43 0.00	62.48 3.20 0.00	50.61 2.50 0.00	42.75 2.03 0.00	38.17 1.47 0.00
KINTIGH____ 23543	36.60 -1.25 0.00	34.37 -0.77 0.00	34.00 -0.69 0.00	34.39 -0.59 0.00	35.27 -0.61 0.00	36.62 -0.71 0.00	42.89 -1.46 0.00	46.51 -3.07 0.00	39.85 -1.53 0.00	33.75 -1.59 0.00	31.19 -1.44 0.00	29.36 -1.03 0.00	28.13 -1.26 0.00	26.66 -1.34 0.00	25.35 -1.45 0.00	25.48 -1.40 0.00	29.58 -1.62 0.00	38.68 -2.47 0.00	49.04 -3.75 0.00	59.04 -4.58 0.00	55.01 -4.27 0.00	44.07 -4.04 0.00	37.70 -3.01 0.00	34.79 -1.91 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-6.59 -1.17 43.27	-6.52 -1.02 40.65	-6.42 -1.08 40.05	-6.42 -1.15 40.25	-6.29 -1.18 40.99	0.01 -1.34 35.98	42.71 -1.64 0.00	48.64 -0.94 0.00	40.76 -0.62 0.00	34.81 -0.53 0.00	32.56 -0.07 0.00	30.45 0.06 0.00	29.48 0.09 0.00	28.21 0.20 0.00	27.09 0.29 0.00	27.20 0.32 0.00	31.82 0.62 0.00	42.42 1.28 0.00	54.85 2.06 0.00	65.28 1.65 0.00	60.88 1.60 0.00	50.08 1.97 0.00	42.10 1.38 0.00	37.80 1.10 0.00
LACHUTE__HYDRO 323717	40.46 2.61 0.00	37.57 2.42 0.00	37.06 2.36 0.00	37.65 2.66 0.00	38.58 2.69 0.00	40.31 2.99 0.00	48.03 3.68 0.00	53.95 4.36 0.00	43.94 2.57 0.00	37.01 1.66 0.00	33.74 1.11 0.00	31.18 0.79 0.00	30.16 0.76 0.00	28.57 0.56 0.00	27.30 0.51 0.00	27.55 0.67 0.00	32.36 1.16 0.00	43.66 2.51 0.00	57.12 4.33 0.00	69.29 5.66 0.00	64.62 5.34 0.00	52.34 4.23 0.00	44.09 3.38 0.00	39.45 2.75 0.00
LAWRNCV_115KV_TB1 80681	42.50 -0.83 -5.48	39.62 -0.67 -5.15	39.11 -0.66 -5.07	39.42 -0.66 -5.10	40.43 -0.65 -5.19	41.29 -0.60 -4.56	43.42 -0.93 0.00	48.99 -0.60 0.00	40.80 -0.58 0.00	34.67 -0.67 0.00	32.10 -0.52 0.00	29.90 -0.49 0.00	28.90 -0.50 0.00	27.56 -0.45 0.00	26.37 -0.43 0.00	26.31 -0.56 0.00	30.67 -0.53 0.00	40.74 -0.41 0.00	52.58 -0.21 0.00	63.37 -0.25 0.00	59.10 -0.18 0.00	48.16 0.05 0.00	40.55 -0.16 0.00	36.48 -0.22 0.00
LEDERLE____ 23769	39.14 1.29 0.00	36.13 0.98 0.00	35.60 0.90 0.00	35.86 0.87 0.00	36.74 0.86 0.00	38.19 0.86 0.00	45.68 1.33 0.00	51.27 1.69 0.00	42.74 1.37 0.00	36.51 1.17 0.00	33.67 1.04 0.00	31.33 0.94 0.00	30.28 0.88 0.00	28.88 0.87 0.00	27.71 0.91 0.00	27.87 0.99 0.00	32.20 1.00 0.00	42.59 1.44 0.00	54.80 2.01 0.00	66.23 2.61 0.00	61.65 2.37 0.00	50.03 1.92 0.00	42.34 1.63 0.00	37.95 1.25 0.00
LIGHTHSE_115KV_TB6 355974	37.55 -0.30 0.00	34.93 -0.21 0.00	34.53 -0.17 0.00	34.88 -0.10 0.00	35.78 -0.11 0.00	37.22 -0.11 0.00	44.08 -0.27 0.00	49.19 -0.40 0.00	41.09 -0.29 0.00	34.99 -0.35 0.00	32.17 -0.46 0.00	29.90 -0.49 0.00	28.87 -0.53 0.00	27.45 -0.56 0.00	26.20 -0.59 0.00	26.34 -0.54 0.00	30.70 -0.50 0.00	40.61 -0.53 0.00	52.21 -0.58 0.00	63.24 -0.38 0.00	58.92 -0.36 0.00	47.63 -0.48 0.00	40.10 -0.61 0.00	36.19 -0.51 0.00
LINDEN COGEN____ 23786	39.10 1.25 0.00	36.20 1.05 0.00	35.71 1.01 0.00	35.86 0.88 0.00	36.71 0.83 0.00	38.22 0.89 0.00	45.94 1.59 0.00	51.37 1.78 0.00	42.91 1.53 0.00	36.72 1.38 0.00	33.96 1.34 0.00	31.76 1.37 0.00	30.63 1.23 0.00	29.21 1.20 0.00	27.97 1.18 0.00	28.17 1.29 0.00	32.45 1.25 0.00	42.79 1.65 0.00	54.96 2.17 0.00	66.42 2.80 0.00	61.83 2.55 0.00	50.18 2.07 0.00	42.46 1.75 0.00	37.91 1.21 0.00
LINDHRST_69_KV_BK1 356055	39.86 2.01 0.00	36.55 1.41 0.00	35.98 1.28 0.00	36.14 1.15 0.00	37.25 1.36 0.00	38.71 1.38 0.00	46.57 2.22 0.00	51.91 2.33 0.00	42.95 1.57 0.00	36.62 1.27 0.00	33.74 1.11 0.00	31.39 1.00 0.00	30.31 0.91 0.00	28.99 0.98 0.00	27.87 1.07 0.00	28.28 1.40 0.00	32.64 1.44 0.00	43.16 2.02 0.00	55.80 3.01 0.00	67.51 3.88 0.00	62.72 3.44 0.00	51.48 3.37 0.00	43.52 2.81 0.00	38.79 2.09 0.00
LIPA_MISC_IPP 23656	39.29 1.44 0.00	35.78 0.63 0.00	35.29 0.59 0.00	35.41 0.42 0.00	36.49 0.61 0.00	37.96 0.63 0.00	45.95 1.60 0.00	50.92 1.34 0.00	41.96 0.58 0.00	35.77 0.42 0.00	32.89 0.26 0.00	30.54 0.15 0.00	29.48 0.09 0.00	28.26 0.25 0.00	27.30 0.51 0.00	27.98 1.10 0.00	32.07 0.87 0.00	42.26 1.11 0.00	54.75 1.95 0.00	66.36 2.74 0.00	61.65 2.37 0.00	50.71 2.60 0.00	42.91 2.20 0.00	38.21 1.50 0.00
LISF__SOLAR 323691	39.21 1.36 0.00	35.85 0.70 0.00	35.36 0.66 0.00	35.37 0.39 0.00	36.46 0.57 0.00	37.89 0.56 0.00	46.17 1.82 0.00	50.77 1.19 0.00	42.04 0.66 0.00	35.79 0.46 0.01	33.07 0.46 0.01	30.72 0.33 0.01	29.57 0.18 0.01	28.34 0.34 0.01	27.36 0.56 0.00	27.79 0.91 0.00	31.82 0.62 0.00	42.34 1.19 0.00	54.85 2.06 0.00	66.55 2.93 0.00	61.95 2.67 0.00	50.95 2.84 0.00	42.95 2.24 0.00	38.28 1.58 0.00

LITTLE FALLS___HYD 24013	37.55 -0.30 0.00	34.83 -0.32 0.00	34.42 -0.28 0.00	34.78 -0.21 0.00	35.70 -0.18 0.00	37.18 -0.15 0.00	44.22 -0.13 0.00	49.53 -0.05 0.00	41.38 0.00 0.00	35.41 0.07 0.00	32.69 0.07 0.00	30.51 0.12 0.00	29.54 0.15 0.00	28.18 0.17 0.00	26.98 0.19 0.00	27.12 0.24 0.00	31.51 0.31 0.00	41.68 0.53 0.00	53.64 0.84 0.00	64.77 1.15 0.00	60.35 1.07 0.00	48.93 0.82 0.00	41.24 0.53 0.00	36.99 0.29 0.00
LITTLRIV_115KV_TB1 356100	43.54 -0.34 -6.03	40.59 -0.21 -5.66	40.10 -0.17 -5.58	40.42 -0.17 -5.61	41.45 -0.14 -5.71	42.26 -0.07 -5.01	43.95 -0.40 0.00	49.58 0.00 0.00	41.21 -0.17 0.00	34.96 -0.39 0.00	32.33 -0.29 0.00	30.06 -0.33 0.00	29.04 -0.35 0.00	27.67 -0.34 0.00	26.50 -0.29 0.00	26.45 -0.43 0.00	30.89 -0.31 0.00	41.19 0.04 0.00	53.32 0.53 0.00	64.32 0.70 0.00	59.99 0.71 0.00	48.83 0.72 0.00	41.08 0.37 0.00	36.96 0.26 0.00
LI_NEWBRDGE___DRP 323616	39.37 1.51 0.00	36.16 1.02 0.00	35.64 0.94 0.00	35.79 0.80 0.00	36.82 0.93 0.00	38.26 0.93 0.00	45.99 1.64 0.00	51.37 1.79 0.00	42.62 1.24 0.00	36.37 1.02 0.00	33.54 0.91 0.00	31.21 0.82 0.00	30.16 0.76 0.00	28.79 0.78 0.00	27.68 0.88 0.00	28.01 1.13 0.00	32.32 1.12 0.00	42.75 1.60 0.00	55.06 2.27 0.00	66.42 2.80 0.00	61.77 2.49 0.00	50.71 2.60 0.00	42.87 2.16 0.00	38.28 1.58 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.57 -1.29 0.00	34.37 -0.77 0.00	34.07 -0.62 0.00	34.46 -0.52 0.00	35.34 -0.54 0.00	36.69 -0.63 0.00	42.80 -1.55 0.00	46.16 -3.42 0.00	39.81 -1.57 0.00	33.61 -1.73 0.00	31.06 -1.57 0.00	29.27 -1.12 0.00	27.98 -1.41 0.00	26.50 -1.51 0.00	25.16 -1.63 0.00	25.29 -1.59 0.00	29.39 -1.81 0.00	38.35 -2.80 0.00	48.68 -4.12 0.00	58.60 -5.03 0.00	54.54 -4.74 0.00	43.54 -4.57 0.00	37.34 -3.38 0.00	34.65 -2.06 0.00
LOCKPORT___CC1 323769	36.60 -1.25 0.00	34.37 -0.77 0.00	34.08 -0.62 0.00	34.43 -0.56 0.00	35.38 -0.50 0.00	36.62 -0.71 0.00	42.44 -1.91 0.00	46.16 -3.42 0.00	39.64 -1.74 0.00	33.47 -1.87 0.00	30.90 -1.73 0.00	28.99 -1.40 0.00	27.96 -1.44 0.00	26.47 -1.54 0.00	25.29 -1.50 0.00	25.27 -1.61 0.00	29.39 -1.81 0.00	38.39 -2.76 0.00	48.73 -4.06 0.00	58.53 -5.09 0.00	54.36 -4.92 0.00	43.54 -4.57 0.00	37.34 -3.38 0.00	34.61 -2.09 0.00
LOCKPORT___CC2 323770	36.60 -1.25 0.00	34.37 -0.77 0.00	34.08 -0.62 0.00	34.43 -0.56 0.00	35.38 -0.50 0.00	36.62 -0.71 0.00	42.44 -1.91 0.00	46.16 -3.42 0.00	39.64 -1.74 0.00	33.47 -1.87 0.00	30.90 -1.73 0.00	28.99 -1.40 0.00	27.96 -1.44 0.00	26.47 -1.54 0.00	25.29 -1.50 0.00	25.27 -1.61 0.00	29.39 -1.81 0.00	38.39 -2.76 0.00	48.73 -4.06 0.00	58.53 -5.09 0.00	54.36 -4.92 0.00	43.54 -4.57 0.00	37.34 -3.38 0.00	34.61 -2.09 0.00
LOCKPORT___CC3 323771	36.60 -1.25 0.00	34.37 -0.77 0.00	34.08 -0.62 0.00	34.43 -0.56 0.00	35.38 -0.50 0.00	36.62 -0.71 0.00	42.44 -1.91 0.00	46.16 -3.42 0.00	39.64 -1.74 0.00	33.47 -1.87 0.00	30.90 -1.73 0.00	28.99 -1.40 0.00	27.96 -1.44 0.00	26.47 -1.54 0.00	25.29 -1.50 0.00	25.27 -1.61 0.00	29.39 -1.81 0.00	38.39 -2.76 0.00	48.73 -4.06 0.00	58.53 -5.09 0.00	54.36 -4.92 0.00	43.54 -4.57 0.00	37.34 -3.38 0.00	34.61 -2.09 0.00
LONG_LAKE_PHOENIX 24014	37.40 -0.45 0.00	34.79 -0.35 0.00	34.39 -0.31 0.00	34.71 -0.28 0.00	35.56 -0.32 0.00	36.99 -0.34 0.00	43.82 -0.53 0.00	48.79 -0.79 0.00	40.84 -0.54 0.00	34.88 -0.46 0.00	32.20 -0.42 0.00	29.96 -0.43 0.00	28.95 -0.44 0.00	27.53 -0.48 0.00	26.29 -0.51 0.00	26.39 -0.48 0.00	30.67 -0.53 0.00	40.32 -0.82 0.00	51.53 -1.27 0.00	62.23 -1.40 0.00	57.98 -1.30 0.00	46.91 -1.20 0.00	39.66 -1.06 0.00	35.89 -0.81 0.00
LOVETT___3 23632	38.99 1.14 0.00	35.99 0.84 0.00	35.46 0.76 0.00	35.69 0.70 0.00	36.60 0.72 0.00	38.04 0.71 0.00	45.50 1.15 0.00	51.07 1.49 0.00	42.58 1.20 0.00	36.37 1.02 0.00	33.54 0.91 0.00	31.24 0.85 0.00	30.19 0.79 0.00	28.79 0.78 0.00	27.62 0.83 0.00	27.79 0.91 0.00	32.10 0.90 0.00	42.42 1.28 0.00	54.54 1.74 0.00	65.92 2.29 0.00	61.35 2.07 0.00	49.84 1.73 0.00	42.18 1.47 0.00	37.80 1.10 0.00
LOVETT___4 23642	38.99 1.14 0.00	35.99 0.84 0.00	35.46 0.76 0.00	35.69 0.70 0.00	36.60 0.72 0.00	38.04 0.71 0.00	45.50 1.15 0.00	51.07 1.49 0.00	42.58 1.20 0.00	36.37 1.02 0.00	33.54 0.91 0.00	31.24 0.85 0.00	30.19 0.79 0.00	28.79 0.78 0.00	27.62 0.83 0.00	27.79 0.91 0.00	32.10 0.90 0.00	42.42 1.28 0.00	54.54 1.74 0.00	65.92 2.29 0.00	61.35 2.07 0.00	49.84 1.73 0.00	42.18 1.47 0.00	37.80 1.10 0.00
LOVETT___5 23593	38.99 1.14 0.00	35.99 0.84 0.00	35.46 0.76 0.00	35.69 0.70 0.00	36.60 0.72 0.00	38.04 0.71 0.00	45.50 1.15 0.00	51.07 1.49 0.00	42.58 1.20 0.00	36.37 1.02 0.00	33.54 0.91 0.00	31.24 0.85 0.00	30.19 0.79 0.00	28.79 0.78 0.00	27.62 0.83 0.00	27.79 0.91 0.00	32.10 0.90 0.00	42.42 1.28 0.00	54.54 1.74 0.00	65.92 2.29 0.00	61.35 2.07 0.00	49.84 1.73 0.00	42.18 1.47 0.00	37.80 1.10 0.00
LOWER RAQUET___HYD 24057	43.37 -1.02 -6.54	40.44 -0.84 -6.14	39.96 -0.80 -6.05	40.27 -0.80 -6.09	41.29 -0.79 -6.20	42.02 -0.75 -5.44	43.24 -1.11 0.00	48.79 -0.80 0.00	40.63 -0.74 0.00	34.53 -0.81 0.00	31.97 -0.65 0.00	29.75 -0.64 0.00	28.75 -0.65 0.00	27.42 -0.59 0.00	26.23 -0.56 0.00	26.18 -0.70 0.00	30.51 -0.69 0.00	40.57 -0.58 0.00	52.43 -0.37 0.00	63.18 -0.44 0.00	58.87 -0.41 0.00	48.06 -0.05 0.00	40.43 -0.28 0.00	36.37 -0.33 0.00
LOWER___HUDSON 24059	38.83 0.98 0.00	35.88 0.74 0.00	35.36 0.66 0.00	35.65 0.66 0.00	36.53 0.65 0.00	38.07 0.75 0.00	45.46 1.11 0.00	50.92 1.34 0.00	42.25 0.87 0.00	36.12 0.78 0.00	33.31 0.69 0.00	30.97 0.58 0.00	29.95 0.56 0.00	28.54 0.53 0.00	27.33 0.54 0.00	27.52 0.64 0.00	31.89 0.69 0.00	42.18 1.03 0.00	54.43 1.64 0.00	65.53 1.91 0.00	61.06 1.78 0.00	49.69 1.59 0.00	42.14 1.42 0.00	37.88 1.17 0.00
LOWVILLE_115KV_TB2 356335	39.46 -0.26 -1.87	36.65 -0.25 -1.76	36.26 -0.17 -1.73	36.69 -0.03 -1.74	37.73 0.07 -1.77	39.07 0.19 -1.55	44.44 0.09 0.00	49.93 0.35 0.00	41.75 0.37 0.00	35.41 0.07 0.00	32.46 -0.16 0.00	30.12 -0.27 0.00	29.04 -0.35 0.00	27.64 -0.36 0.00	26.42 -0.38 0.00	26.56 -0.32 0.00	31.08 -0.12 0.00	41.43 0.29 0.00	53.69 0.90 0.00	65.15 1.53 0.00	60.76 1.48 0.00	49.17 1.06 0.00	40.88 0.16 0.00	36.59 -0.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.29 1.44 0.00	36.37 1.23 0.00	35.84 1.15 0.00	36.21 1.22 0.00	37.14 1.26 0.00	38.67 1.34 0.00	46.12 1.77 0.00	51.67 2.08 0.00	42.70 1.32 0.00	36.37 1.02 0.00	33.41 0.78 0.00	31.06 0.67 0.00	30.04 0.65 0.00	28.60 0.59 0.00	27.38 0.59 0.00	27.52 0.65 0.00	32.07 0.87 0.00	42.63 1.48 0.00	55.22 2.43 0.00	66.74 3.12 0.00	62.07 2.79 0.00	50.42 2.31 0.00	42.67 1.95 0.00	38.32 1.61 0.00

LUTHERNY_35_KV_BK2 355980	39.29 1.44 0.00	36.37 1.23 0.00	35.88 1.18 0.00	36.21 1.22 0.00	37.14 1.26 0.00	38.71 1.38 0.00	46.12 1.77 0.00	51.72 2.13 0.00	42.74 1.37 0.00	36.37 1.02 0.00	33.44 0.82 0.00	31.06 0.67 0.00	30.04 0.65 0.00	28.60 0.59 0.00	27.38 0.59 0.00	27.55 0.67 0.00	32.07 0.87 0.00	42.67 1.52 0.00	55.22 2.43 0.00	66.81 3.18 0.00	62.13 2.85 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.35 1.65 0.00
LWR___OSWEGATCHIE_HYD 23850	41.31 -0.98 -4.44	38.47 -0.84 -4.17	38.01 -0.80 -4.11	38.39 -0.73 -4.13	39.41 -0.68 -4.21	40.38 -0.63 -3.69	43.42 -0.93 0.00	48.89 -0.69 0.00	40.76 -0.62 0.00	34.57 -0.78 0.00	31.84 -0.78 0.00	29.57 -0.82 0.00	28.54 -0.85 0.00	27.20 -0.81 0.00	25.99 -0.80 0.00	26.04 -0.83 0.00	30.45 -0.75 0.00	40.57 -0.58 0.00	52.53 -0.26 0.00	63.56 -0.06 0.00	59.28 0.00 0.00	48.16 0.05 0.00	40.27 -0.45 0.00	36.15 -0.55 0.00
LYONS_FALL_HYD 23570	39.21 0.11 -1.24	36.45 0.14 -1.17	36.02 0.17 -1.15	36.42 0.28 -1.16	37.42 0.36 -1.18	38.77 0.41 -1.03	44.70 0.35 0.00	50.23 0.64 0.00	41.91 0.54 0.00	35.63 0.28 0.00	32.69 0.07 0.00	30.33 -0.06 0.00	29.28 -0.12 0.00	27.87 -0.14 0.00	26.63 -0.16 0.00	26.77 -0.11 0.00	31.29 0.09 0.00	41.60 0.45 0.00	53.79 1.00 0.00	65.15 1.52 0.00	60.76 1.48 0.00	49.17 1.06 0.00	41.12 0.41 0.00	36.89 0.18 0.00
MADISON___COUNTY_LFGE 323628	38.76 0.91 0.00	36.02 0.88 0.00	35.60 0.90 0.00	35.97 0.98 0.00	36.89 1.00 0.00	38.41 1.08 0.00	45.46 1.11 0.00	50.82 1.24 0.00	42.37 0.99 0.00	36.05 0.71 0.00	33.12 0.49 0.00	30.75 0.36 0.00	29.69 0.29 0.00	28.26 0.25 0.00	26.98 0.19 0.00	27.12 0.24 0.00	31.67 0.47 0.00	41.97 0.82 0.00	54.06 1.27 0.00	65.41 1.78 0.00	60.94 1.66 0.00	49.26 1.15 0.00	41.53 0.81 0.00	37.47 0.77 0.00
MALONE___115KV_TB1 356076	65.08 -0.87 -28.10	60.84 -0.70 -26.39	60.01 -0.69 -26.00	60.39 -0.73 -26.14	61.82 -0.68 -26.62	60.09 -0.60 -23.36	43.46 -0.89 0.00	49.34 -0.25 0.00	41.21 -0.17 0.00	35.06 -0.28 0.00	32.69 0.07 0.00	30.48 0.09 0.00	29.48 0.09 0.00	28.15 0.14 0.00	26.98 0.19 0.00	27.01 0.13 0.00	31.54 0.34 0.00	41.97 0.82 0.00	54.22 1.43 0.00	65.02 1.40 0.00	60.64 1.36 0.00	49.50 1.40 0.00	41.61 0.90 0.00	37.44 0.73 0.00
MAPLEWOD_115KV_TB3 80458	38.61 0.76 0.00	35.71 0.56 0.00	35.22 0.52 0.00	35.48 0.49 0.00	36.39 0.50 0.00	37.89 0.56 0.00	45.15 0.80 0.00	50.58 0.99 0.00	41.92 0.54 0.00	35.91 0.57 0.00	33.12 0.49 0.00	30.82 0.43 0.00	29.81 0.41 0.00	28.43 0.42 0.00	27.22 0.43 0.00	27.36 0.48 0.00	31.76 0.56 0.00	41.89 0.74 0.00	54.06 1.27 0.00	65.15 1.53 0.00	60.64 1.36 0.00	49.36 1.25 0.00	41.81 1.10 0.00	37.62 0.92 0.00
MAPLE_RIDGE_WT_1 323574	37.25 -0.61 0.00	34.69 -0.46 0.00	34.35 -0.35 0.00	34.67 -0.32 0.00	35.63 -0.25 0.00	37.10 -0.22 0.00	44.08 -0.26 0.00	49.44 -0.15 0.00	41.25 -0.12 0.00	35.24 -0.11 0.00	32.56 -0.07 0.00	30.33 -0.06 0.00	29.34 -0.06 0.00	27.95 -0.06 0.00	26.77 -0.03 0.00	26.82 -0.05 0.00	31.14 -0.06 0.00	41.15 0.00 0.00	52.85 0.05 0.00	63.63 0.00 0.00	59.22 -0.06 0.00	47.96 -0.14 0.00	40.39 -0.33 0.00	36.15 -0.55 0.00
MAPLE_RIDGE_WT_2 323611	37.25 -0.61 0.00	34.69 -0.46 0.00	34.35 -0.35 0.00	34.67 -0.32 0.00	35.63 -0.25 0.00	37.10 -0.22 0.00	44.08 -0.26 0.00	49.44 -0.15 0.00	41.25 -0.12 0.00	35.24 -0.11 0.00	32.56 -0.07 0.00	30.33 -0.06 0.00	29.34 -0.06 0.00	27.95 -0.06 0.00	26.77 -0.03 0.00	26.82 -0.05 0.00	31.14 -0.06 0.00	41.15 0.00 0.00	52.85 0.05 0.00	63.63 0.00 0.00	59.22 -0.06 0.00	47.96 -0.14 0.00	40.39 -0.33 0.00	36.15 -0.55 0.00
MARBLE_RIVER_WT_PWR 323696	-7.00 -1.97 42.88	-7.00 -1.86 40.28	-7.00 -2.01 39.69	-7.00 -2.10 39.89	-7.00 -2.26 40.62	-0.75 -2.43 35.65	41.56 -2.79 0.00	47.45 -2.13 0.00	39.89 -1.49 0.00	34.18 -1.17 0.00	32.04 -0.59 0.00	30.06 -0.33 0.00	29.10 -0.29 0.00	27.87 -0.14 0.00	26.82 0.03 0.00	26.99 0.11 0.00	31.58 0.38 0.00	42.09 0.95 0.00	54.53 1.74 0.00	64.77 1.15 0.00	60.35 1.07 0.00	49.89 1.78 0.00	41.90 1.18 0.00	37.55 0.84 0.00
MARSHVLE_115KV_TB1 80742	39.33 1.48 0.00	36.48 1.34 0.00	36.02 1.32 0.00	36.42 1.43 0.00	37.35 1.47 0.00	38.97 1.64 0.00	46.30 1.95 0.00	51.62 2.03 0.00	42.45 1.08 0.00	35.80 0.46 0.00	32.76 0.13 0.00	30.27 -0.12 0.00	29.45 0.06 0.00	28.01 0.00 0.00	26.77 -0.03 0.00	26.99 0.11 0.00	31.61 0.41 0.00	42.63 1.48 0.00	55.59 2.80 0.00	67.57 3.94 0.00	62.84 3.56 0.00	50.85 2.74 0.00	42.83 2.12 0.00	38.35 1.65 0.00
MARSH_HILL_WT_PWR 323713	36.83 -1.02 0.00	34.55 -0.60 0.00	34.39 -0.31 0.00	34.92 -0.07 0.00	35.95 0.07 0.00	37.48 0.15 0.00	44.22 -0.13 0.00	48.69 -0.89 0.00	41.38 0.00 0.00	35.10 -0.25 0.00	32.20 -0.43 0.00	30.06 -0.33 0.00	28.96 -0.44 0.00	27.45 -0.56 0.00	26.18 -0.62 0.00	26.26 -0.62 0.00	30.67 -0.53 0.00	40.57 -0.58 0.00	52.05 -0.74 0.00	62.86 -0.76 0.00	58.09 -1.19 0.00	46.23 -1.88 0.00	39.01 -1.71 0.00	35.38 -1.32 0.00
MCINTYRE_115KV_TB2 80467	43.17 0.11 -5.20	40.27 0.25 -4.88	39.79 0.28 -4.81	40.11 0.28 -4.84	41.13 0.32 -4.93	42.06 0.41 -4.32	44.48 0.13 0.00	50.13 0.55 0.00	41.58 0.21 0.00	35.24 -0.11 0.00	32.59 -0.03 0.00	30.33 -0.06 0.00	29.28 -0.12 0.00	27.90 -0.11 0.00	26.69 -0.11 0.00	26.69 -0.19 0.00	31.17 -0.03 0.00	41.56 0.41 0.00	53.85 1.06 0.00	65.02 1.40 0.00	60.70 1.42 0.00	49.36 1.25 0.00	41.53 0.81 0.00	37.40 0.70 0.00
MECO_____69_KV_BK1 80468	39.97 2.12 0.00	37.08 1.93 0.00	36.61 1.91 0.00	37.02 2.03 0.00	37.96 2.08 0.00	39.60 2.28 0.00	47.10 2.75 0.00	52.56 2.98 0.00	43.16 1.78 0.00	36.47 1.13 0.00	33.41 0.78 0.00	30.94 0.55 0.00	30.01 0.62 0.00	28.54 0.53 0.00	27.28 0.48 0.00	27.47 0.59 0.00	32.14 0.94 0.00	43.29 2.14 0.00	56.49 3.70 0.00	68.72 5.09 0.00	63.90 4.62 0.00	51.72 3.61 0.00	43.61 2.89 0.00	39.01 2.31 0.00
MENANDS___115KV_TB5 355628	38.50 0.64 0.00	35.57 0.42 0.00	35.08 0.38 0.00	35.34 0.35 0.00	36.21 0.32 0.00	37.70 0.37 0.00	44.97 0.62 0.00	50.38 0.79 0.00	41.79 0.41 0.00	35.80 0.46 0.00	33.02 0.39 0.00	30.75 0.36 0.00	29.75 0.35 0.00	28.37 0.36 0.00	27.17 0.38 0.00	27.31 0.43 0.00	31.70 0.50 0.00	41.76 0.62 0.00	53.80 1.00 0.00	64.77 1.15 0.00	60.35 1.07 0.00	49.17 1.06 0.00	41.65 0.94 0.00	37.47 0.77 0.00
MG INDUSTRY___DRP 24185	38.61 0.76 0.00	35.71 0.56 0.00	35.25 0.56 0.00	35.51 0.52 0.00	36.42 0.54 0.00	37.92 0.60 0.00	45.15 0.80 0.00	50.53 0.94 0.00	41.83 0.46 0.00	35.70 0.35 0.00	32.89 0.26 0.00	30.60 0.21 0.00	29.60 0.21 0.00	28.23 0.22 0.00	27.06 0.27 0.00	27.15 0.27 0.00	31.54 0.34 0.00	41.68 0.53 0.00	53.80 1.00 0.00	64.90 1.27 0.00	60.47 1.19 0.00	49.21 1.11 0.00	41.69 0.98 0.00	37.51 0.81 0.00

MID___OSWEGATCHIE_HYD 23849	41.31 -0.98 -4.44	38.47 -0.84 -4.17	38.01 -0.80 -4.11	38.39 -0.73 -4.13	39.41 -0.68 -4.21	40.38 -0.63 -3.69	43.42 -0.93 0.00	48.89 -0.69 0.00	40.76 -0.62 0.00	34.57 -0.78 0.00	31.84 -0.78 0.00	29.57 -0.82 0.00	28.54 -0.85 0.00	27.20 -0.81 0.00	25.99 -0.80 0.00	26.04 -0.83 0.00	30.45 -0.75 0.00	40.57 -0.58 0.00	52.53 -0.26 0.00	63.56 -0.06 0.00	59.28 0.00 0.00	48.16 0.05 0.00	40.27 -0.45 0.00	36.15 -0.55 0.00
MID___RAQUETTE_HYD 23851	43.37 -1.02 -6.54	40.45 -0.84 -6.14	39.95 -0.80 -6.05	40.23 -0.84 -6.09	41.29 -0.79 -6.20	42.02 -0.75 -5.44	43.24 -1.11 0.00	48.79 -0.79 0.00	40.63 -0.74 0.00	34.50 -0.85 0.00	31.97 -0.65 0.00	29.75 -0.64 0.00	28.75 -0.65 0.00	27.42 -0.59 0.00	26.23 -0.56 0.00	26.18 -0.70 0.00	30.51 -0.69 0.00	40.57 -0.58 0.00	52.42 -0.37 0.00	63.18 -0.45 0.00	58.92 -0.36 0.00	48.06 -0.05 0.00	40.43 -0.28 0.00	36.37 -0.33 0.00
MILLIKEN___1 23584	38.68 0.83 0.00	36.06 0.91 0.00	35.67 0.97 0.00	36.00 1.01 0.00	36.92 1.04 0.00	38.41 1.08 0.00	45.50 1.15 0.00	50.63 1.04 0.00	42.33 0.95 0.00	35.98 0.64 0.00	33.05 0.42 0.00	30.72 0.33 0.00	29.63 0.24 0.00	28.18 0.17 0.00	26.87 0.08 0.00	27.04 0.16 0.00	31.54 0.34 0.00	41.76 0.62 0.00	53.59 0.79 0.00	64.83 1.21 0.00	60.35 1.07 0.00	48.69 0.58 0.00	41.12 0.41 0.00	37.21 0.51 0.00
MILLIKEN___2 23585	38.68 0.83 0.00	36.06 0.91 0.00	35.67 0.97 0.00	36.00 1.01 0.00	36.92 1.04 0.00	38.41 1.08 0.00	45.50 1.15 0.00	50.63 1.04 0.00	42.33 0.95 0.00	35.98 0.64 0.00	33.05 0.42 0.00	30.72 0.33 0.00	29.63 0.24 0.00	28.18 0.17 0.00	26.87 0.08 0.00	27.04 0.16 0.00	31.54 0.34 0.00	41.76 0.62 0.00	53.59 0.79 0.00	64.83 1.21 0.00	60.35 1.07 0.00	48.69 0.58 0.00	41.12 0.41 0.00	37.21 0.51 0.00
MILLIKEN___DIESEL 23629	38.68 0.83 0.00	36.06 0.91 0.00	35.67 0.97 0.00	36.00 1.01 0.00	36.92 1.04 0.00	38.41 1.08 0.00	45.50 1.15 0.00	50.63 1.04 0.00	42.33 0.95 0.00	35.98 0.64 0.00	33.05 0.42 0.00	30.72 0.33 0.00	29.63 0.24 0.00	28.18 0.17 0.00	26.87 0.08 0.00	27.04 0.16 0.00	31.54 0.34 0.00	41.76 0.62 0.00	53.59 0.79 0.00	64.83 1.21 0.00	60.35 1.07 0.00	48.69 0.58 0.00	41.12 0.41 0.00	37.21 0.51 0.00
MILLSEAT___LFGE 323607	37.40 -0.45 0.00	35.11 -0.04 0.00	34.77 0.07 0.00	35.20 0.21 0.00	36.21 0.32 0.00	37.44 0.11 0.00	43.46 -0.89 0.00	47.45 -2.13 0.00	40.51 -0.87 0.00	34.25 -1.10 0.00	31.52 -1.11 0.00	29.51 -0.88 0.00	28.43 -0.97 0.00	26.94 -1.06 0.00	25.69 -1.10 0.00	25.70 -1.18 0.00	29.95 -1.25 0.00	39.34 -1.81 0.00	50.21 -2.59 0.00	60.51 -3.12 0.00	56.26 -3.02 0.00	45.03 -3.08 0.00	38.48 -2.24 0.00	35.49 -1.21 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.14 1.29 0.00	36.09 0.95 0.00	35.57 0.87 0.00	35.83 0.84 0.00	36.74 0.86 0.00	38.15 0.82 0.00	45.68 1.33 0.00	51.27 1.69 0.00	42.70 1.32 0.00	36.51 1.17 0.00	33.67 1.04 0.00	31.36 0.97 0.00	30.31 0.91 0.00	28.91 0.90 0.00	27.71 0.91 0.00	27.87 0.99 0.00	32.23 1.03 0.00	42.59 1.44 0.00	54.80 2.01 0.00	66.17 2.55 0.00	61.59 2.31 0.00	50.08 1.97 0.00	42.38 1.67 0.00	37.95 1.25 0.00
MILLWOOD_13_KV_LOAD 356217	39.21 1.36 0.00	36.20 1.05 0.00	35.67 0.97 0.00	35.93 0.94 0.00	36.85 0.97 0.00	38.26 0.93 0.00	45.81 1.46 0.00	51.37 1.79 0.00	42.83 1.45 0.00	36.58 1.24 0.00	33.74 1.11 0.00	31.42 1.03 0.00	30.37 0.97 0.00	28.93 0.92 0.00	27.73 0.94 0.00	27.93 1.05 0.00	32.29 1.09 0.00	42.71 1.56 0.00	54.96 2.16 0.00	66.42 2.80 0.00	61.77 2.49 0.00	50.22 2.12 0.00	42.51 1.79 0.00	38.02 1.32 0.00
MODEL_CITY_ENERGY 24167	36.26 -1.59 0.00	34.05 -1.09 0.00	33.76 -0.94 0.00	34.12 -0.87 0.00	35.06 -0.82 0.00	36.24 -1.08 0.00	42.00 -2.35 0.00	45.67 -3.92 0.00	39.27 -2.11 0.00	33.15 -2.19 0.00	30.60 -2.02 0.00	28.72 -1.67 0.00	27.69 -1.71 0.00	26.22 -1.79 0.00	25.08 -1.72 0.00	25.02 -1.85 0.00	29.14 -2.06 0.00	37.98 -3.17 0.00	48.20 -4.59 0.00	57.90 -5.73 0.00	53.71 -5.57 0.00	43.06 -5.05 0.00	36.97 -3.74 0.00	34.32 -2.38 0.00
MODERN_LFGE___ 323580	36.26 -1.59 0.00	34.05 -1.09 0.00	33.76 -0.94 0.00	34.12 -0.87 0.00	35.06 -0.82 0.00	36.24 -1.08 0.00	42.00 -2.35 0.00	45.67 -3.92 0.00	39.27 -2.11 0.00	33.15 -2.19 0.00	30.60 -2.02 0.00	28.72 -1.67 0.00	27.69 -1.71 0.00	26.22 -1.79 0.00	25.08 -1.72 0.00	25.02 -1.85 0.00	29.14 -2.06 0.00	37.98 -3.17 0.00	48.20 -4.59 0.00	57.90 -5.73 0.00	53.71 -5.57 0.00	43.06 -5.05 0.00	36.97 -3.74 0.00	34.32 -2.38 0.00
MOHAWK_PAPER___DRP 24187	38.61 0.76 0.00	35.71 0.56 0.00	35.22 0.52 0.00	35.48 0.49 0.00	36.39 0.50 0.00	37.89 0.56 0.00	45.15 0.80 0.00	50.58 0.99 0.00	41.92 0.54 0.00	35.91 0.57 0.00	33.12 0.49 0.00	30.82 0.43 0.00	29.81 0.41 0.00	28.43 0.42 0.00	27.22 0.43 0.00	27.36 0.48 0.00	31.76 0.56 0.00	41.89 0.74 0.00	54.06 1.27 0.00	65.15 1.53 0.00	60.64 1.36 0.00	49.36 1.25 0.00	41.81 1.10 0.00	37.62 0.92 0.00
MOHICAN___35_KV_115KV_LD 80490	39.90 2.04 0.00	36.97 1.83 0.00	36.47 1.77 0.00	36.95 1.96 0.00	37.89 2.01 0.00	39.53 2.20 0.00	47.14 2.79 0.00	52.86 3.27 0.00	43.28 1.90 0.00	36.58 1.24 0.00	33.38 0.75 0.00	30.88 0.49 0.00	29.90 0.50 0.00	28.37 0.36 0.00	27.14 0.35 0.00	27.36 0.48 0.00	32.07 0.87 0.00	42.96 1.81 0.00	55.80 3.01 0.00	67.70 4.07 0.00	62.90 3.62 0.00	51.04 2.93 0.00	43.12 2.40 0.00	38.65 1.95 0.00
MONGAUP___HYD 23641	39.14 1.29 0.00	36.16 1.02 0.00	35.67 0.97 0.00	35.97 0.98 0.00	36.85 0.97 0.00	38.37 1.04 0.00	45.81 1.46 0.00	50.52 0.94 0.00	42.33 0.95 0.00	36.26 0.92 0.00	33.41 0.78 0.00	31.12 0.73 0.00	30.01 0.62 0.00	28.60 0.59 0.00	27.41 0.62 0.00	27.58 0.70 0.00	31.92 0.72 0.00	42.42 1.28 0.00	53.90 1.11 0.00	65.34 1.72 0.00	60.88 1.60 0.00	49.65 1.54 0.00	42.06 1.34 0.00	37.95 1.25 0.00
MONTAUK___DIESEL 23721	38.99 1.14 0.00	35.46 0.32 0.00	34.98 0.28 0.00	35.06 0.07 0.00	36.24 0.36 0.00	37.66 0.34 0.00	45.72 1.37 0.00	50.63 1.04 0.00	41.71 0.33 0.00	35.41 0.07 0.00	32.20 -0.42 0.00	29.84 -0.55 0.00	28.81 -0.59 0.00	27.67 -0.34 0.00	26.82 0.03 0.00	27.58 0.70 0.00	31.57 0.37 0.00	41.72 0.58 0.00	54.38 1.58 0.00	66.17 2.55 0.00	61.77 2.49 0.00	51.24 3.13 0.00	43.40 2.69 0.00	38.87 2.17 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.31 0.45 0.00	36.16 1.02 0.00	35.91 1.21 0.00	36.42 1.43 0.00	37.43 1.54 0.00	38.93 1.61 0.00	45.63 1.29 0.00	49.73 0.15 0.00	42.99 1.61 0.00	36.19 0.85 0.00	33.47 0.85 0.00	31.42 1.03 0.00	30.07 0.68 0.00	28.40 0.39 0.00	26.98 0.19 0.00	27.01 0.13 0.00	31.32 0.12 0.00	40.74 -0.41 0.00	51.53 -1.27 0.00	61.65 -1.97 0.00	56.73 -2.55 0.00	44.84 -3.27 0.00	37.95 -2.77 0.00	34.94 -1.76 0.00

MORRIS_RIDGE___SOLAR 323848	36.91 -0.94 0.00	34.62 -0.53 0.00	34.39 -0.31 0.00	34.82 -0.17 0.00	35.81 -0.07 0.00	37.22 -0.11 0.00	43.68 -0.66 0.00	48.00 -1.59 0.00	40.71 -0.66 0.00	34.35 -0.99 0.00	31.52 -1.11 0.00	29.42 -0.97 0.00	28.37 -1.03 0.00	26.89 -1.12 0.00	25.62 -1.18 0.00	25.67 -1.21 0.00	29.92 -1.28 0.00	39.50 -1.65 0.00	50.63 -2.17 0.00	61.14 -2.48 0.00	56.55 -2.73 0.00	45.08 -3.03 0.00	38.19 -2.52 0.00	34.87 -1.83 0.00
MORTIMER_115KV_TB3 55949	37.28 -0.57 0.00	34.90 -0.25 0.00	34.53 -0.17 0.00	34.92 -0.07 0.00	35.85 -0.04 0.00	37.18 -0.15 0.00	43.68 -0.67 0.00	47.85 -1.74 0.00	40.59 -0.79 0.00	34.53 -0.81 0.00	31.84 -0.78 0.00	29.84 -0.55 0.00	28.66 -0.73 0.00	27.22 -0.78 0.00	25.86 -0.94 0.00	25.99 -0.89 0.00	30.23 -0.97 0.00	39.71 -1.44 0.00	50.68 -2.11 0.00	61.08 -2.55 0.00	56.97 -2.31 0.00	45.75 -2.36 0.00	38.88 -1.83 0.00	35.64 -1.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.40 1.55 0.00	36.34 1.19 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.57 1.98 0.00	42.99 1.61 0.00	36.79 1.45 0.00	33.93 1.31 0.00	31.64 1.25 0.00	30.57 1.18 0.00	29.16 1.15 0.00	27.92 1.13 0.00	28.14 1.26 0.00	32.48 1.28 0.00	42.92 1.77 0.00	55.22 2.43 0.00	66.55 2.93 0.00	62.01 2.73 0.00	50.42 2.31 0.00	42.67 1.95 0.00	38.17 1.47 0.00
MUNSVILLE_WIND_PWR 323609	40.35 2.50 0.00	37.68 2.53 0.00	37.37 2.67 0.00	37.82 2.83 0.00	38.90 3.01 0.00	40.42 3.10 0.00	47.63 3.28 0.00	53.60 4.01 0.00	44.48 3.10 0.00	37.46 2.12 0.00	34.06 1.43 0.00	31.51 1.13 0.00	30.34 0.94 0.00	28.85 0.84 0.00	27.52 0.72 0.00	27.82 0.94 0.00	32.91 1.71 0.00	44.27 3.13 0.00	57.49 4.70 0.00	69.86 6.24 0.00	64.91 5.63 0.00	52.00 3.90 0.00	43.65 2.93 0.00	39.23 2.53 0.00
N SALMON___HYD 24042	65.08 -0.87 -28.10	60.84 -0.70 -26.39	60.01 -0.69 -26.00	60.39 -0.74 -26.14	61.82 -0.68 -26.62	60.09 -0.60 -23.36	43.46 -0.89 0.00	49.34 -0.25 0.00	41.21 -0.16 0.00	35.10 -0.25 0.00	32.69 0.07 0.00	30.51 0.12 0.00	29.48 0.09 0.00	28.18 0.17 0.00	26.98 0.19 0.00	27.01 0.14 0.00	31.54 0.34 0.00	41.97 0.82 0.00	54.22 1.43 0.00	65.02 1.40 0.00	60.53 1.25 0.00	49.50 1.40 0.00	41.61 0.89 0.00	37.43 0.73 0.00
N.AKRON__115KV_KNAPP 355671	37.25 -0.61 0.00	35.04 -0.11 0.00	34.70 0.00 0.00	35.13 0.14 0.00	36.06 0.18 0.00	37.44 0.11 0.00	43.68 -0.67 0.00	47.25 -2.33 0.00	40.55 -0.83 0.00	34.28 -1.06 0.00	31.61 -1.01 0.00	29.75 -0.64 0.00	28.46 -0.94 0.00	26.94 -1.06 0.00	25.56 -1.23 0.00	25.70 -1.18 0.00	29.92 -1.28 0.00	39.21 -1.93 0.00	50.00 -2.80 0.00	60.25 -3.37 0.00	56.20 -3.08 0.00	44.84 -3.27 0.00	38.27 -2.44 0.00	35.38 -1.32 0.00
N.BELMOR_69_KV_BK1 55787	39.63 1.78 0.00	36.41 1.27 0.00	35.88 1.18 0.00	36.04 1.05 0.00	37.07 1.18 0.00	38.52 1.19 0.00	46.30 1.95 0.00	51.72 2.13 0.00	42.91 1.53 0.00	36.62 1.27 0.00	33.77 1.14 0.00	31.42 1.03 0.00	30.34 0.94 0.00	28.99 0.98 0.00	27.87 1.07 0.00	28.17 1.29 0.00	32.57 1.37 0.00	43.04 1.89 0.00	55.49 2.69 0.00	67.00 3.37 0.00	62.30 3.02 0.00	51.14 3.03 0.00	43.20 2.48 0.00	38.61 1.91 0.00
N.E_GEN_SANDY PD 24062	38.91 1.06 0.00	35.88 0.74 0.00	35.36 0.66 0.00	35.58 0.59 0.00	36.46 0.57 0.00	38.00 0.67 0.00	45.50 1.15 0.00	50.92 1.34 0.00	42.33 0.95 0.00	36.23 0.88 0.00	33.47 0.85 0.00	31.15 0.76 0.00	30.10 0.70 0.00	28.71 0.70 0.00	27.49 0.70 0.00	27.71 0.83 0.00	32.01 0.81 0.00	42.26 1.11 0.00	54.43 1.64 0.00	65.47 1.85 0.00	61.00 1.72 0.00	49.69 1.59 0.00	42.18 1.46 0.00	37.91 1.21 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.03 1.17 0.00	36.02 0.88 0.00	35.50 0.80 0.00	35.76 0.77 0.00	36.64 0.75 0.00	38.07 0.75 0.00	45.55 1.20 0.00	51.12 1.54 0.00	42.62 1.24 0.00	36.40 1.06 0.00	33.57 0.95 0.00	31.27 0.88 0.00	30.19 0.79 0.00	28.79 0.78 0.00	27.62 0.83 0.00	27.79 0.91 0.00	32.10 0.90 0.00	42.46 1.32 0.00	54.59 1.79 0.00	65.98 2.35 0.00	61.41 2.13 0.00	49.89 1.78 0.00	42.22 1.51 0.00	37.84 1.14 0.00
N.QUEENS_27_KV_LOAD 356247	39.45 1.59 -0.01	36.38 1.23 -0.01	35.85 1.15 -0.01	36.08 1.08 -0.01	36.96 1.08 0.00	38.34 1.01 0.00	45.98 1.64 0.01	51.66 2.08 0.01	43.15 1.78 0.01	36.93 1.59 0.01	34.12 1.50 0.01	31.81 1.43 0.01	30.74 1.35 0.01	29.29 1.29 0.01	28.07 1.29 0.01	28.27 1.40 0.01	32.66 1.47 0.01	43.07 1.93 0.01	55.42 2.64 0.01	66.55 2.93 0.00	62.07 2.79 0.00	50.55 2.45 0.01	42.74 2.04 0.01	38.16 1.47 0.01
N.TROY___115KV_TB1 355778	38.87 1.02 0.00	35.88 0.74 0.00	35.39 0.69 0.00	35.65 0.66 0.00	36.53 0.65 0.00	38.07 0.75 0.00	45.41 1.06 0.00	50.92 1.34 0.00	42.21 0.83 0.00	36.09 0.74 0.00	33.21 0.59 0.00	30.91 0.52 0.00	29.90 0.50 0.00	28.51 0.50 0.00	27.30 0.51 0.00	27.47 0.59 0.00	31.92 0.72 0.00	42.18 1.03 0.00	54.43 1.64 0.00	65.60 1.97 0.00	61.06 1.78 0.00	49.70 1.59 0.00	42.14 1.43 0.00	37.88 1.17 0.00
NARROWS_GT1_1 24228	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT1_2 24229	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT1_3 24230	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT1_4 24231	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37

NARROWS_GT1_5 24232	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT1_6 24233	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT1_7 24234	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT1_8 24235	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT2_1 24236	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT2_2 24237	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT2_3 24238	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT2_4 24239	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT2_5 24240	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT2_6 24241	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT2_7 24242	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NARROWS_GT2_8 24243	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.21 1.36 0.00	36.27 1.12 0.00	35.77 1.08 0.00	36.11 1.12 0.00	37.00 1.11 0.00	38.56 1.23 0.00	45.99 1.64 0.00	51.42 1.83 0.00	42.37 0.99 0.00	36.05 0.71 0.00	33.12 0.49 0.00	30.75 0.36 0.00	29.72 0.32 0.00	28.32 0.31 0.00	27.14 0.35 0.00	27.25 0.38 0.00	31.73 0.53 0.00	42.26 1.11 0.00	54.80 2.01 0.00	66.23 2.61 0.00	61.65 2.37 0.00	50.03 1.92 0.00	42.42 1.71 0.00	38.17 1.47 0.00
NCHELSEA_115KV_TR2 355582	39.33 1.48 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.07 1.08 0.00	37.00 1.11 0.00	38.45 1.12 0.00	46.03 1.69 0.00	51.62 2.03 0.00	42.95 1.57 0.00	36.62 1.27 0.00	33.74 1.11 0.00	31.36 0.97 0.00	30.28 0.88 0.00	28.88 0.87 0.00	27.71 0.91 0.00	27.87 0.99 0.00	32.26 1.06 0.00	42.79 1.65 0.00	55.12 2.32 0.00	66.62 2.99 0.00	62.01 2.73 0.00	50.32 2.21 0.00	42.63 1.91 0.00	38.17 1.47 0.00
NEG CAPITAL___MECHNVIL 23645	39.33 1.47 0.00	36.37 1.23 0.00	35.84 1.14 0.00	36.21 1.22 0.00	37.10 1.22 0.00	38.67 1.34 0.00	46.12 1.78 0.00	51.67 2.08 0.00	42.74 1.36 0.00	36.44 1.10 0.00	33.54 0.91 0.00	31.18 0.79 0.00	30.16 0.76 0.00	28.68 0.67 0.00	27.46 0.67 0.00	27.63 0.75 0.00	32.11 0.91 0.00	42.71 1.56 0.00	55.28 2.48 0.00	66.68 3.05 0.00	62.18 2.90 0.00	50.51 2.40 0.00	42.71 1.99 0.00	38.39 1.69 0.00



NEG CENTRAL_HIGH_ACRES 23767	36.87 -0.98 0.00	34.48 -0.67 0.00	34.08 -0.62 0.00	34.43 -0.56 0.00	35.38 -0.50 0.00	36.66 -0.67 0.00	43.06 -1.29 0.00	47.55 -2.04 0.00	40.10 -1.28 0.00	34.18 -1.17 0.00	31.42 -1.21 0.00	29.33 -1.06 0.00	28.31 -1.09 0.00	26.89 -1.12 0.00	25.64 -1.15 0.00	25.70 -1.18 0.00	29.95 -1.25 0.00	39.42 -1.73 0.00	50.37 -2.43 0.00	60.70 -2.93 0.00	56.55 -2.73 0.00	45.46 -2.65 0.00	38.64 -2.07 0.00	35.27 -1.43 0.00
NEG CENTRAL___DRP 24199	38.00 0.15 0.00	35.50 0.35 0.00	35.11 0.42 0.00	35.48 0.49 0.00	36.39 0.50 0.00	37.85 0.52 0.00	44.79 0.44 0.00	49.63 0.05 0.00	41.67 0.29 0.00	35.45 0.11 0.00	32.59 -0.03 0.00	30.39 0.00 0.00	29.28 -0.12 0.00	27.81 -0.20 0.00	26.50 -0.29 0.00	26.64 -0.24 0.00	31.04 -0.16 0.00	40.98 -0.16 0.00	52.48 -0.32 0.00	63.31 -0.32 0.00	58.92 -0.36 0.00	47.53 -0.58 0.00	40.19 -0.53 0.00	36.44 -0.26 0.00
NEG CENTRAL___INDECK 23768	38.31 0.46 0.00	35.92 0.77 0.00	35.60 0.90 0.00	36.07 1.09 0.00	37.14 1.26 0.00	38.52 1.19 0.00	45.15 0.80 0.00	49.53 -0.05 0.00	41.63 0.25 0.00	35.13 -0.21 0.00	32.14 -0.49 0.00	29.90 -0.49 0.00	28.78 -0.62 0.00	27.28 -0.73 0.00	26.10 -0.70 0.00	26.15 -0.72 0.00	30.61 -0.59 0.00	40.53 -0.62 0.00	52.32 -0.48 0.00	63.63 0.00 0.00	59.28 0.00 0.00	47.34 -0.77 0.00	40.06 -0.65 0.00	36.55 -0.15 0.00
NEG CENTRAL___SENECA 23627	38.12 0.26 0.00	35.67 0.53 0.00	35.29 0.59 0.00	35.69 0.70 0.00	36.60 0.72 0.00	38.07 0.75 0.00	45.06 0.71 0.00	49.73 0.15 0.00	41.87 0.50 0.00	35.52 0.18 0.00	32.63 0.00 0.00	30.42 0.03 0.00	29.28 -0.12 0.00	27.81 -0.20 0.00	26.45 -0.35 0.00	26.61 -0.27 0.00	31.04 -0.16 0.00	41.02 -0.12 0.00	52.58 -0.21 0.00	63.37 -0.25 0.00	58.92 -0.36 0.00	47.48 -0.63 0.00	40.14 -0.57 0.00	36.48 -0.22 0.00
NEG CENTRAL___STATE_STREET 24147	38.04 0.19 0.00	35.50 0.35 0.00	35.08 0.38 0.00	35.37 0.38 0.00	36.28 0.39 0.00	37.74 0.41 0.00	44.75 0.40 0.00	49.73 0.15 0.00	41.71 0.33 0.00	35.59 0.25 0.00	32.76 0.13 0.00	30.51 0.12 0.00	29.43 0.03 0.00	27.98 -0.03 0.00	26.69 -0.11 0.00	26.82 -0.05 0.00	31.23 0.03 0.00	41.23 0.08 0.00	52.74 -0.05 0.00	63.69 0.06 0.00	59.28 0.00 0.00	47.87 -0.24 0.00	40.43 -0.28 0.00	36.59 -0.11 0.00
NEG MILLWOOD___DRP 24198	39.52 1.67 0.00	36.51 1.37 0.00	35.98 1.28 0.00	36.32 1.33 0.00	37.21 1.33 0.00	38.67 1.34 0.00	46.26 1.91 0.00	51.96 2.38 0.00	43.28 1.90 0.00	36.93 1.59 0.00	34.03 1.40 0.00	31.64 1.25 0.00	30.51 1.12 0.00	29.10 1.09 0.00	27.87 1.07 0.00	28.03 1.16 0.00	32.45 1.25 0.00	43.08 1.93 0.00	55.49 2.69 0.00	67.19 3.56 0.00	62.48 3.20 0.00	50.71 2.60 0.00	42.91 2.20 0.00	38.35 1.65 0.00
NEG NORTH_FLCN_SEA 23793	-6.63 -1.59 42.89	-6.58 -1.44 40.29	-6.52 -1.53 39.69	-6.48 -1.57 39.90	-6.40 -1.65 40.63	-0.08 -1.75 35.66	42.26 -2.08 0.00	48.15 -1.44 0.00	40.39 -0.99 0.00	34.50 -0.85 0.00	32.30 -0.33 0.00	30.24 -0.15 0.00	29.28 -0.12 0.00	28.01 0.00 0.00	26.93 0.13 0.00	27.07 0.19 0.00	31.64 0.44 0.00	42.13 0.99 0.00	54.48 1.69 0.00	64.58 0.95 0.00	60.23 0.95 0.00	49.79 1.68 0.00	41.90 1.18 0.00	37.62 0.92 0.00
NEG NORTH_KES_CHATEGAY 23792	-8.77 -1.32 45.30	-8.53 -1.12 42.55	-8.33 -1.11 41.92	-8.30 -1.15 42.14	-8.18 -1.15 42.91	-1.45 -1.12 37.66	43.02 -1.33 0.00	48.69 -0.89 0.00	40.72 -0.66 0.00	34.71 -0.64 0.00	32.33 -0.29 0.00	30.21 -0.18 0.00	29.25 -0.15 0.00	27.95 -0.06 0.00	26.82 0.03 0.00	26.90 0.03 0.00	31.39 0.19 0.00	41.72 0.58 0.00	53.85 1.06 0.00	64.52 0.89 0.00	60.17 0.89 0.00	49.17 1.06 0.00	41.41 0.69 0.00	37.25 0.55 0.00
NEG NORTH___ALICE_FALLS 23915	-6.59 -1.17 43.27	-6.52 -1.02 40.65	-6.42 -1.08 40.05	-6.42 -1.15 40.25	-6.29 -1.18 40.99	0.01 -1.34 35.98	42.71 -1.64 0.00	48.64 -0.94 0.00	40.76 -0.62 0.00	34.81 -0.53 0.00	32.56 -0.07 0.00	30.45 0.06 0.00	29.48 0.09 0.00	28.21 0.20 0.00	27.09 0.29 0.00	27.20 0.32 0.00	31.82 0.62 0.00	42.42 1.28 0.00	54.85 2.06 0.00	65.28 1.65 0.00	60.88 1.60 0.00	50.08 1.97 0.00	42.10 1.38 0.00	37.80 1.10 0.00
NEG NORTH___LWR_SARANAC 23913	-6.59 -1.17 43.27	-6.52 -1.02 40.65	-6.42 -1.08 40.05	-6.42 -1.15 40.25	-6.29 -1.18 40.99	0.01 -1.34 35.98	42.71 -1.64 0.00	48.64 -0.94 0.00	40.76 -0.62 0.00	34.81 -0.53 0.00	32.56 -0.07 0.00	30.45 0.06 0.00	29.48 0.09 0.00	28.21 0.20 0.00	27.09 0.29 0.00	27.20 0.32 0.00	31.82 0.62 0.00	42.42 1.28 0.00	54.85 2.06 0.00	65.28 1.65 0.00	60.88 1.60 0.00	50.08 1.97 0.00	42.10 1.38 0.00	37.80 1.10 0.00
NEG NORTH___PLATTSBURG 23628	-6.59 -1.17 43.27	-6.52 -1.02 40.65	-6.42 -1.08 40.05	-6.42 -1.15 40.25	-6.29 -1.18 40.99	0.01 -1.34 35.98	42.71 -1.64 0.00	48.64 -0.94 0.00	40.76 -0.62 0.00	34.81 -0.53 0.00	32.59 -0.03 0.00	30.48 0.09 0.00	29.48 0.09 0.00	28.21 0.20 0.00	27.09 0.30 0.00	27.20 0.32 0.00	31.82 0.62 0.00	42.42 1.28 0.00	54.85 2.06 0.00	65.28 1.65 0.00	60.76 1.48 0.00	50.08 1.97 0.00	42.10 1.39 0.00	37.80 1.10 0.00
NEG WEST_LEA_LOCKPORT 23791	36.57 -1.29 0.00	34.37 -0.77 0.00	34.07 -0.62 0.00	34.46 -0.52 0.00	35.34 -0.54 0.00	36.69 -0.63 0.00	42.84 -1.51 0.00	46.16 -3.42 0.00	39.81 -1.57 0.00	33.61 -1.73 0.00	31.06 -1.57 0.00	29.30 -1.09 0.00	28.01 -1.38 0.00	26.52 -1.48 0.00	25.16 -1.63 0.00	25.29 -1.59 0.00	29.42 -1.78 0.00	38.39 -2.76 0.00	48.68 -4.12 0.00	58.54 -5.09 0.00	54.54 -4.74 0.00	43.54 -4.57 0.00	37.29 -3.42 0.00	34.61 -2.09 0.00
NEG WEST___LANCASTR 23811	37.78 -0.08 0.00	35.50 0.35 0.00	35.22 0.52 0.00	35.62 0.63 0.00	36.53 0.65 0.00	37.92 0.60 0.00	44.44 0.09 0.00	48.30 -1.29 0.00	41.63 0.25 0.00	35.10 -0.25 0.00	32.43 -0.20 0.00	30.48 0.09 0.00	29.22 -0.18 0.00	27.64 -0.36 0.00	26.26 -0.54 0.00	26.39 -0.48 0.00	30.64 -0.56 0.00	39.99 -1.15 0.00	50.79 -2.01 0.00	61.40 -2.23 0.00	57.03 -2.25 0.00	45.46 -2.65 0.00	38.72 -2.00 0.00	35.75 -0.95 0.00
NEG_PENN_ALLEGHNY 23528	38.15 0.30 0.00	35.53 0.39 0.00	35.15 0.45 0.00	35.44 0.45 0.00	36.39 0.50 0.00	37.81 0.48 0.00	44.75 0.40 0.00	49.78 0.20 0.00	41.79 0.41 0.00	35.56 0.21 0.00	32.72 0.10 0.00	30.48 0.09 0.00	29.45 0.06 0.00	28.01 0.00 0.00	26.74 -0.05 0.00	26.82 -0.05 0.00	31.23 0.03 0.00	41.19 0.04 0.00	52.69 -0.11 0.00	63.69 0.06 0.00	59.22 -0.06 0.00	47.77 -0.33 0.00	40.47 -0.24 0.00	36.63 -0.07 0.00
NEG___GEN_MONROE 24207	37.28 -0.57 0.00	35.00 -0.14 0.00	34.59 -0.10 0.00	35.06 0.07 0.00	35.99 0.11 0.00	37.40 0.07 0.00	43.86 -0.49 0.00	47.85 -1.74 0.00	40.51 -0.87 0.00	34.35 -0.99 0.00	31.68 -0.95 0.00	29.69 -0.70 0.00	28.48 -0.91 0.00	27.06 -0.95 0.00	25.70 -1.10 0.00	25.80 -1.08 0.00	30.05 -1.15 0.00	39.46 -1.69 0.00	50.36 -2.43 0.00	60.89 -2.74 0.00	56.79 -2.49 0.00	45.56 -2.55 0.00	38.84 -1.87 0.00	35.64 -1.06 0.00

NEPA__ENERGY 23901	37.74 -0.11 0.00	35.50 0.35 0.00	35.18 0.49 0.00	35.62 0.63 0.00	36.53 0.65 0.00	37.96 0.63 0.00	44.53 0.18 0.00	48.54 -1.04 0.00	41.79 0.41 0.00	35.24 -0.11 0.00	32.53 -0.10 0.00	30.57 0.18 0.00	29.31 -0.09 0.00	27.73 -0.28 0.00	26.37 -0.43 0.00	26.47 -0.40 0.00	30.70 -0.50 0.00	40.04 -1.11 0.00	50.73 -2.06 0.00	61.33 -2.29 0.00	56.79 -2.49 0.00	45.22 -2.89 0.00	38.43 -2.28 0.00	35.45 -1.25 0.00
NEVERSink__HYD 23608	39.14 1.29 0.00	36.20 1.05 0.00	35.71 1.01 0.00	36.00 1.02 0.00	36.89 1.00 0.00	38.41 1.08 0.00	45.81 1.46 0.00	51.32 1.73 0.00	42.74 1.36 0.00	36.37 1.03 0.00	33.51 0.88 0.00	31.15 0.76 0.00	30.04 0.65 0.00	28.62 0.62 0.00	27.46 0.67 0.00	27.60 0.73 0.00	31.95 0.75 0.00	42.42 1.28 0.00	54.69 1.90 0.00	66.23 2.61 0.00	61.71 2.43 0.00	49.94 1.83 0.00	42.26 1.55 0.00	37.91 1.21 0.00
NEWKRMKL_115KV_TB1 55635	38.34 0.49 0.00	35.46 0.32 0.00	34.98 0.28 0.00	35.23 0.24 0.00	36.13 0.25 0.00	37.63 0.30 0.00	44.84 0.49 0.00	50.23 0.64 0.00	41.67 0.29 0.00	35.70 0.35 0.00	32.95 0.33 0.00	30.69 0.30 0.00	29.66 0.26 0.00	28.29 0.28 0.00	27.09 0.29 0.00	27.20 0.32 0.00	31.57 0.37 0.00	41.64 0.49 0.00	53.64 0.84 0.00	64.64 1.02 0.00	60.23 0.95 0.00	49.02 0.91 0.00	41.53 0.81 0.00	37.32 0.62 0.00
NEWTON__FALLS_HYD 23847	41.31 -0.98 -4.44	38.47 -0.84 -4.17	38.01 -0.80 -4.11	38.39 -0.73 -4.13	39.41 -0.68 -4.21	40.38 -0.63 -3.69	43.42 -0.93 0.00	48.89 -0.69 0.00	40.76 -0.62 0.00	34.57 -0.78 0.00	31.84 -0.78 0.00	29.57 -0.82 0.00	28.54 -0.85 0.00	27.20 -0.81 0.00	25.99 -0.80 0.00	26.04 -0.83 0.00	30.45 -0.75 0.00	40.57 -0.58 0.00	52.53 -0.26 0.00	63.56 -0.06 0.00	59.28 0.00 0.00	48.16 0.05 0.00	40.27 -0.45 0.00	36.15 -0.55 0.00
NGRID_A1_DSASP 323792	36.23 -1.63 0.00	34.02 -1.13 0.00	33.69 -1.01 0.00	34.05 -0.94 0.00	34.99 -0.90 0.00	36.21 -1.12 0.00	41.91 -2.44 0.00	45.52 -4.06 0.00	39.18 -2.19 0.00	33.08 -2.26 0.00	30.54 -2.09 0.00	28.69 -1.70 0.00	27.66 -1.73 0.00	26.19 -1.82 0.00	25.05 -1.74 0.00	25.00 -1.88 0.00	29.08 -2.12 0.00	37.90 -3.25 0.00	48.04 -4.75 0.00	57.64 -5.98 0.00	53.53 -5.75 0.00	42.91 -5.20 0.00	36.89 -3.83 0.00	34.28 -2.42 0.00
NGRID_A2_DSASP 323793	36.23 -1.63 0.00	34.02 -1.13 0.00	33.69 -1.01 0.00	34.05 -0.94 0.00	34.99 -0.90 0.00	36.21 -1.12 0.00	41.91 -2.44 0.00	45.52 -4.06 0.00	39.18 -2.19 0.00	33.08 -2.26 0.00	30.54 -2.09 0.00	28.69 -1.70 0.00	27.66 -1.73 0.00	26.19 -1.82 0.00	25.05 -1.74 0.00	25.00 -1.88 0.00	29.08 -2.12 0.00	37.90 -3.25 0.00	48.04 -4.75 0.00	57.64 -5.98 0.00	53.53 -5.75 0.00	42.91 -5.20 0.00	36.89 -3.83 0.00	34.28 -2.42 0.00
NGRID_A4_DSASP 323807	36.23 -1.63 0.00	34.02 -1.13 0.00	33.69 -1.01 0.00	34.05 -0.94 0.00	34.99 -0.90 0.00	36.21 -1.12 0.00	41.91 -2.44 0.00	45.52 -4.06 0.00	39.18 -2.19 0.00	33.08 -2.26 0.00	30.54 -2.09 0.00	28.69 -1.70 0.00	27.66 -1.73 0.00	26.19 -1.82 0.00	25.05 -1.74 0.00	25.00 -1.88 0.00	29.08 -2.12 0.00	37.90 -3.25 0.00	48.04 -4.75 0.00	57.64 -5.98 0.00	53.53 -5.75 0.00	42.91 -5.20 0.00	36.89 -3.83 0.00	34.28 -2.42 0.00
NIAGARA_115E_LBMP 323715	36.07 -1.78 0.00	33.88 -1.26 0.00	33.59 -1.11 0.00	33.90 -1.08 0.00	34.88 -1.00 0.00	36.06 -1.27 0.00	41.73 -2.62 0.00	45.37 -4.21 0.00	39.02 -2.36 0.00	32.94 -2.40 0.00	30.41 -2.22 0.00	28.57 -1.82 0.00	27.54 -1.85 0.00	26.10 -1.91 0.00	24.95 -1.85 0.00	24.89 -1.99 0.00	28.99 -2.21 0.00	37.77 -3.37 0.00	47.88 -4.91 0.00	57.45 -6.17 0.00	53.35 -5.93 0.00	42.77 -5.34 0.00	36.77 -3.95 0.00	34.13 -2.57 0.00
NIAGARA_115W_LBMP 323714	36.07 -1.78 0.00	33.88 -1.26 0.00	33.59 -1.11 0.00	33.90 -1.08 0.00	34.88 -1.00 0.00	36.06 -1.27 0.00	41.73 -2.62 0.00	45.37 -4.21 0.00	39.02 -2.36 0.00	32.94 -2.40 0.00	30.41 -2.22 0.00	28.57 -1.82 0.00	27.54 -1.85 0.00	26.10 -1.91 0.00	24.95 -1.85 0.00	24.89 -1.99 0.00	28.99 -2.21 0.00	37.77 -3.37 0.00	47.88 -4.91 0.00	57.45 -6.17 0.00	53.35 -5.93 0.00	42.77 -5.34 0.00	36.77 -3.95 0.00	34.13 -2.57 0.00
NIAGARA_230_LBMP 323716	36.45 -1.40 0.00	34.20 -0.95 0.00	33.90 -0.80 0.00	34.22 -0.77 0.00	35.20 -0.68 0.00	36.40 -0.93 0.00	42.18 -2.17 0.00	45.86 -3.72 0.00	39.43 -1.94 0.00	33.33 -2.01 0.00	30.73 -1.89 0.00	28.87 -1.52 0.00	27.84 -1.56 0.00	26.38 -1.63 0.00	25.21 -1.58 0.00	25.19 -1.69 0.00	29.30 -1.90 0.00	38.18 -2.96 0.00	48.41 -4.38 0.00	58.09 -5.54 0.00	53.94 -5.34 0.00	43.30 -4.81 0.00	37.17 -3.54 0.00	34.50 -2.20 0.00
NIAGARA__115KV_198_GIBSON 55903	36.04 -1.82 0.00	33.88 -1.27 0.00	33.59 -1.11 0.00	33.97 -1.01 0.00	34.84 -1.04 0.00	36.17 -1.16 0.00	42.13 -2.22 0.00	45.37 -4.21 0.00	39.19 -2.19 0.00	33.08 -2.26 0.00	30.57 -2.06 0.00	28.87 -1.52 0.00	27.60 -1.79 0.00	26.13 -1.88 0.00	24.81 -1.98 0.00	24.94 -1.94 0.00	28.98 -2.22 0.00	37.77 -3.37 0.00	47.83 -4.96 0.00	57.45 -6.17 0.00	53.53 -5.75 0.00	42.77 -5.34 0.00	36.72 -3.99 0.00	34.13 -2.57 0.00
NIAGARA____ 23760	36.45 -1.40 0.00	34.20 -0.95 0.00	33.90 -0.80 0.00	34.22 -0.77 0.00	35.20 -0.68 0.00	36.40 -0.93 0.00	42.18 -2.17 0.00	45.86 -3.72 0.00	39.43 -1.94 0.00	33.33 -2.01 0.00	30.73 -1.89 0.00	28.87 -1.52 0.00	27.84 -1.56 0.00	26.38 -1.63 0.00	25.21 -1.58 0.00	25.19 -1.69 0.00	29.30 -1.90 0.00	38.18 -2.96 0.00	48.41 -4.38 0.00	58.09 -5.54 0.00	53.94 -5.34 0.00	43.30 -4.81 0.00	37.17 -3.54 0.00	34.50 -2.20 0.00
NINE_MILE_1 23575	37.02 -0.83 0.00	34.44 -0.70 0.00	34.04 -0.66 0.00	34.32 -0.67 0.00	35.20 -0.68 0.00	36.58 -0.75 0.00	43.33 -1.02 0.00	48.35 -1.24 0.00	40.43 -0.95 0.00	34.57 -0.78 0.00	31.88 -0.75 0.00	29.69 -0.70 0.00	28.72 -0.67 0.00	27.34 -0.67 0.00	26.13 -0.67 0.00	26.21 -0.67 0.00	30.48 -0.72 0.00	39.99 -1.15 0.00	51.10 -1.69 0.00	61.59 -2.04 0.00	57.38 -1.90 0.00	46.47 -1.64 0.00	39.37 -1.34 0.00	35.60 -1.10 0.00
NINE_MILE_2 23744	37.02 -0.83 0.00	34.44 -0.70 0.00	34.04 -0.66 0.00	34.32 -0.67 0.00	35.20 -0.68 0.00	36.58 -0.75 0.00	43.33 -1.02 0.00	48.29 -1.29 0.00	40.43 -0.95 0.00	34.57 -0.78 0.00	31.88 -0.75 0.00	29.69 -0.70 0.00	28.72 -0.67 0.00	27.34 -0.67 0.00	26.13 -0.67 0.00	26.21 -0.67 0.00	30.48 -0.72 0.00	39.99 -1.15 0.00	51.10 -1.69 0.00	61.59 -2.04 0.00	57.38 -1.90 0.00	46.47 -1.64 0.00	39.37 -1.34 0.00	35.60 -1.10 0.00
NM_CAPITAL__DRP 24208	38.42 0.57 0.00	35.50 0.35 0.00	35.01 0.31 0.00	35.27 0.28 0.00	36.17 0.29 0.00	37.66 0.34 0.00	44.88 0.53 0.00	50.28 0.69 0.00	41.71 0.33 0.00	35.77 0.42 0.00	32.99 0.36 0.00	30.72 0.33 0.00	29.72 0.32 0.00	28.35 0.34 0.00	27.14 0.35 0.00	27.25 0.38 0.00	31.64 0.44 0.00	41.68 0.53 0.00	53.74 0.95 0.00	64.71 1.08 0.00	60.23 0.95 0.00	49.07 0.96 0.00	41.57 0.86 0.00	37.40 0.70 0.00

NM_CENTRAL___DRP 24181	37.74 -0.11 0.00	35.14 0.00 0.00	34.70 0.00 0.00	35.02 0.03 0.00	35.92 0.04 0.00	37.33 0.00 0.00	44.26 -0.09 0.00	49.24 -0.35 0.00	41.21 -0.17 0.00	35.20 -0.14 0.00	32.50 -0.13 0.00	30.27 -0.12 0.00	29.22 -0.18 0.00	27.81 -0.20 0.00	26.55 -0.24 0.00	26.66 -0.22 0.00	30.98 -0.22 0.00	40.74 -0.41 0.00	52.11 -0.69 0.00	62.86 -0.76 0.00	58.57 -0.71 0.00	47.34 -0.77 0.00	40.06 -0.65 0.00	36.26 -0.44 0.00
NM_FRONTIER___DRP 24179	36.04 -1.82 0.00	33.88 -1.27 0.00	33.59 -1.11 0.00	33.97 -1.01 0.00	34.84 -1.04 0.00	36.17 -1.16 0.00	42.13 -2.22 0.00	45.37 -4.21 0.00	39.19 -2.19 0.00	33.08 -2.26 0.00	30.57 -2.06 0.00	28.87 -1.52 0.00	27.60 -1.79 0.00	26.13 -1.88 0.00	24.81 -1.98 0.00	24.94 -1.94 0.00	28.98 -2.22 0.00	37.77 -3.37 0.00	47.83 -4.96 0.00	57.45 -6.17 0.00	53.53 -5.75 0.00	42.77 -5.34 0.00	36.72 -3.99 0.00	34.13 -2.57 0.00
NM_ST_REGIS___HYD 24053	47.85 -0.98 -10.98	44.65 -0.81 -10.31	44.06 -0.80 -10.16	44.40 -0.80 -10.21	45.49 -0.79 -10.40	45.75 -0.71 -9.13	43.28 -1.06 0.00	48.94 -0.64 0.00	40.76 -0.62 0.00	34.67 -0.67 0.00	32.17 -0.46 0.00	29.96 -0.43 0.00	28.95 -0.44 0.00	27.62 -0.39 0.00	26.45 -0.35 0.00	26.39 -0.48 0.00	30.79 -0.41 0.00	40.98 -0.16 0.00	52.95 0.16 0.00	63.69 0.06 0.00	59.40 0.12 0.00	48.49 0.38 0.00	40.76 0.04 0.00	36.66 -0.04 0.00
NORTHPORT___1 23551	39.44 1.59 0.00	36.23 1.09 0.00	35.74 1.04 0.00	35.76 0.77 0.00	36.78 0.90 0.00	38.30 0.97 0.00	46.43 2.08 0.00	51.32 1.73 0.00	42.62 1.24 0.00	36.32 0.99 0.01	33.63 1.01 0.01	31.29 0.91 0.01	30.12 0.74 0.01	28.81 0.81 0.01	27.71 0.91 0.00	28.03 1.15 0.00	32.29 1.09 0.00	42.83 1.69 0.00	55.28 2.48 0.00	66.81 3.18 0.00	62.24 2.96 0.00	51.04 2.93 0.00	43.16 2.44 0.00	38.50 1.80 0.00
NORTHPORT___2 23552	39.44 1.59 0.00	36.23 1.09 0.00	35.74 1.04 0.00	35.76 0.77 0.00	36.78 0.90 0.00	38.30 0.97 0.00	46.43 2.08 0.00	51.32 1.73 0.00	42.62 1.24 0.00	36.32 0.99 0.01	33.63 1.01 0.01	31.29 0.91 0.01	30.12 0.74 0.01	28.81 0.81 0.01	27.71 0.91 0.00	28.03 1.15 0.00	32.29 1.09 0.00	42.83 1.69 0.00	55.28 2.48 0.00	66.81 3.18 0.00	62.24 2.96 0.00	51.04 2.93 0.00	43.16 2.44 0.00	38.50 1.80 0.00
NORTHPORT___3 23553	39.25 1.40 0.00	36.09 0.95 0.00	35.60 0.90 0.00	35.69 0.70 0.00	36.71 0.83 0.00	38.19 0.86 0.00	46.12 1.78 0.00	50.97 1.39 0.00	42.54 1.16 0.00	36.29 0.95 0.01	33.60 0.98 0.01	31.29 0.91 0.01	30.12 0.74 0.01	28.81 0.81 0.01	27.68 0.88 0.00	27.93 1.05 0.00	32.23 1.03 0.00	42.71 1.56 0.00	54.64 1.85 0.00	65.85 2.23 0.00	61.41 2.13 0.00	50.80 2.69 0.00	42.87 2.16 0.00	38.28 1.58 0.00
NORTHPORT___4 23650	39.25 1.40 0.00	36.09 0.95 0.00	35.60 0.90 0.00	35.69 0.70 0.00	36.71 0.83 0.00	38.19 0.86 0.00	46.12 1.78 0.00	50.97 1.39 0.00	42.54 1.16 0.00	36.29 0.95 0.01	33.60 0.98 0.01	31.29 0.91 0.01	30.12 0.74 0.01	28.81 0.81 0.01	27.68 0.88 0.00	27.93 1.05 0.00	32.23 1.03 0.00	42.71 1.56 0.00	54.64 1.85 0.00	65.85 2.23 0.00	61.41 2.13 0.00	50.80 2.69 0.00	42.87 2.16 0.00	38.28 1.58 0.00
NORTHPORT___IC 23718	39.59 1.74 0.00	36.20 1.05 0.00	35.70 1.01 0.00	35.86 0.87 0.00	36.92 1.04 0.00	38.45 1.12 0.00	46.30 1.95 0.00	51.52 1.93 0.00	42.58 1.20 0.00	36.30 0.95 0.00	33.44 0.82 0.00	31.12 0.73 0.00	30.04 0.65 0.00	28.74 0.73 0.00	27.65 0.86 0.00	28.14 1.26 0.00	32.39 1.19 0.00	42.79 1.65 0.00	55.27 2.48 0.00	66.74 3.12 0.00	62.01 2.73 0.00	50.99 2.89 0.00	43.20 2.48 0.00	38.50 1.80 0.00
NORTH___COUNTRY_ESR 323785	-8.94 -1.44 45.35	-8.69 -1.23 42.60	-8.49 -1.22 41.97	-8.43 -1.23 42.19	-8.30 -1.22 42.96	-1.57 -1.20 37.71	42.93 -1.42 0.00	48.59 -0.99 0.00	40.63 -0.74 0.00	34.67 -0.67 0.00	32.30 -0.33 0.00	30.18 -0.21 0.00	29.22 -0.18 0.00	27.93 -0.08 0.00	26.79 0.00 0.00	26.88 0.00 0.00	31.33 0.13 0.00	41.60 0.45 0.00	53.69 0.90 0.00	64.33 0.70 0.00	59.87 0.59 0.00	49.02 0.91 0.00	41.28 0.57 0.00	37.14 0.44 0.00
NPX_GEN_1385_PROXY 323591	39.14 1.29 0.00	35.85 0.70 0.00	35.32 0.63 0.00	35.13 0.14 0.00	36.14 0.25 0.00	37.70 0.37 0.00	46.35 2.00 0.00	50.92 1.34 0.00	42.04 0.66 0.00	35.76 0.43 0.01	33.14 0.52 0.01	30.81 0.43 0.01	29.68 0.29 0.01	28.42 0.42 0.01	27.30 0.51 0.00	27.77 0.89 0.00	31.89 0.69 0.00	42.26 1.11 0.00	54.64 1.85 0.00	65.79 2.16 0.00	61.18 1.90 0.00	50.37 2.26 0.00	42.95 2.24 0.00	38.39 1.69 0.00
NPX_GEN_CSC 323557	38.99 1.13 0.00	35.53 0.39 0.00	35.05 0.35 0.00	35.09 0.11 0.00	36.17 0.29 0.00	37.59 0.26 0.00	45.90 1.55 0.00	50.43 0.84 0.00	41.71 0.33 0.00	35.51 0.18 0.01	32.78 0.16 0.01	30.47 0.09 0.01	29.33 -0.06 0.01	28.11 0.11 0.01	27.22 0.43 0.00	27.71 0.83 0.00	31.58 0.38 0.00	42.01 0.87 0.00	54.43 1.64 0.00	66.10 2.48 0.00	61.53 2.25 0.00	50.61 2.50 0.00	42.67 1.95 0.00	37.98 1.28 0.00
NSINS_S___GLNS_FALLS 23858	39.86 2.01 0.00	36.94 1.79 0.00	36.43 1.73 0.00	36.91 1.92 0.00	37.86 1.97 0.00	39.49 2.16 0.00	47.10 2.75 0.00	52.81 3.22 0.00	43.28 1.90 0.00	36.62 1.27 0.00	33.44 0.82 0.00	30.94 0.55 0.00	29.95 0.56 0.00	28.43 0.42 0.00	27.20 0.40 0.00	27.39 0.51 0.00	32.10 0.90 0.00	43.00 1.85 0.00	55.86 3.06 0.00	67.76 4.14 0.00	62.96 3.68 0.00	51.09 2.98 0.00	43.16 2.44 0.00	38.68 1.98 0.00
NUCOR_STEEL___DRP 24197	38.19 0.34 0.00	35.67 0.53 0.00	35.25 0.56 0.00	35.55 0.56 0.00	36.46 0.57 0.00	37.92 0.60 0.00	44.93 0.58 0.00	49.93 0.35 0.00	41.83 0.46 0.00	35.63 0.28 0.00	32.82 0.20 0.00	30.57 0.18 0.00	29.48 0.09 0.00	28.04 0.03 0.00	26.71 -0.08 0.00	26.85 -0.03 0.00	31.26 0.06 0.00	41.23 0.08 0.00	52.79 0.00 0.00	63.75 0.13 0.00	59.34 0.06 0.00	47.92 -0.19 0.00	40.51 -0.20 0.00	36.70 0.00 0.00
NUMBER_THREE_WT_PWR 323818	39.45 -0.34 -1.94	36.65 -0.32 -1.82	36.25 -0.24 -1.79	36.68 -0.10 -1.80	37.72 0.00 -1.83	39.01 0.07 -1.61	44.30 -0.04 0.00	49.88 0.30 0.00	41.71 0.33 0.00	35.38 0.04 0.00	32.43 -0.19 0.00	30.06 -0.33 0.00	29.01 -0.38 0.00	27.59 -0.42 0.00	26.36 -0.43 0.00	26.50 -0.38 0.00	31.04 -0.16 0.00	41.40 0.25 0.00	53.64 0.84 0.00	65.09 1.46 0.00	60.70 1.42 0.00	49.12 1.01 0.00	40.80 0.08 0.00	36.52 -0.18 0.00
NYISO_LBMP_REFERENCE 24008	37.85 0.00 0.00	35.14 0.00 0.00	34.70 0.00 0.00	34.99 0.00 0.00	35.88 0.00 0.00	37.33 0.00 0.00	44.35 0.00 0.00	49.58 0.00 0.00	41.38 0.00 0.00	35.34 0.00 0.00	32.63 0.00 0.00	30.39 0.00 0.00	29.40 0.00 0.00	28.01 0.00 0.00	26.79 0.00 0.00	26.88 0.00 0.00	31.20 0.00 0.00	41.15 0.00 0.00	52.79 0.00 0.00	63.63 0.00 0.00	59.28 0.00 0.00	48.11 0.00 0.00	40.71 0.00 0.00	36.70 0.00 0.00

NYPA_BRENTWD____GT 24164	39.74 1.89 0.00	36.48 1.34 0.00	35.98 1.28 0.00	36.04 1.05 0.00	37.07 1.18 0.00	38.56 1.23 0.00	46.74 2.39 0.00	51.67 2.08 0.00	42.87 1.49 0.00	36.50 1.16 0.01	33.76 1.14 0.01	31.42 1.03 0.01	30.24 0.85 0.01	28.95 0.95 0.01	27.84 1.04 0.00	28.17 1.29 0.00	32.48 1.28 0.00	43.08 1.93 0.00	55.75 2.95 0.00	67.51 3.88 0.00	62.84 3.56 0.00	51.52 3.42 0.00	43.48 2.77 0.00	38.79 2.09 0.00
NYPA_GOWANUS____GT5 24156	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NYPA_GOWANUS____GT6 24157	54.95 2.04 -15.05	54.49 1.37 -17.97	53.82 1.32 -17.80	54.20 1.50 -17.71	53.55 1.47 -16.20	54.26 1.57 -15.36	54.60 1.95 -8.30	57.86 2.28 -5.99	57.92 1.95 -14.59	55.40 1.73 -18.32	54.19 1.89 -19.68	54.12 1.88 -21.85	55.00 1.44 -24.16	57.29 1.37 -27.91	54.35 1.34 -26.22	54.35 1.45 -26.02	54.25 1.65 -21.39	60.37 2.02 -17.21	65.43 2.69 -9.94	66.99 3.31 -0.06	64.13 3.08 -1.77	59.53 2.55 -8.87	56.84 2.08 -14.05	54.91 1.83 -16.37
NYPA_HARLEM_RVR_GT1 24160	39.41 1.55 -0.01	36.38 1.23 -0.01	35.89 1.18 -0.01	36.19 1.19 -0.01	36.84 0.97 0.01	38.36 1.04 0.01	45.94 1.59 0.01	51.46 1.88 0.01	42.98 1.61 0.01	36.82 1.48 0.01	34.18 1.57 0.01	31.93 1.55 0.01	30.65 1.26 0.01	29.23 1.23 0.01	27.99 1.21 0.01	28.19 1.32 0.01	32.60 1.41 0.01	42.91 1.77 0.01	55.16 2.38 0.01	66.48 2.87 0.01	61.94 2.67 0.01	50.31 2.21 0.01	42.50 1.79 0.01	38.12 1.43 0.01
NYPA_HARLEM_RVR_GT2 24161	39.41 1.55 -0.01	36.38 1.23 -0.01	35.89 1.18 -0.01	36.19 1.19 -0.01	36.84 0.97 0.01	38.36 1.04 0.01	45.94 1.59 0.01	51.46 1.88 0.01	42.98 1.61 0.01	36.82 1.48 0.01	34.18 1.57 0.01	31.93 1.55 0.01	30.65 1.26 0.01	29.23 1.23 0.01	27.99 1.21 0.01	28.19 1.32 0.01	32.60 1.41 0.01	42.91 1.77 0.01	55.16 2.38 0.01	66.48 2.87 0.01	61.94 2.67 0.01	50.31 2.21 0.01	42.50 1.79 0.01	38.12 1.43 0.01
NYPA_KENT____GT 24152	48.42 1.93 -8.63	47.11 1.34 -10.63	46.19 1.28 -10.21	46.55 1.40 -10.16	46.50 1.33 -9.29	47.55 1.42 -8.81	51.17 1.91 -4.92	55.36 2.23 -3.55	51.92 1.90 -8.63	47.88 1.70 -10.84	45.93 1.76 -11.54	45.00 1.79 -12.81	45.19 1.41 -14.38	47.26 1.34 -17.91	43.48 1.31 -15.38	43.56 1.42 -15.26	45.34 1.59 -12.55	54.21 1.97 -11.09	61.84 2.64 -6.41	66.90 3.24 -0.03	63.32 3.02 -1.01	56.32 2.50 -5.71	51.06 2.03 -8.31	48.15 1.76 -9.69
NYPA_POUCH1____GT 24155	54.87 1.97 -15.05	54.28 1.16 -17.97	53.61 1.11 -17.80	54.14 1.44 -17.71	53.44 1.36 -16.20	54.14 1.45 -15.36	54.34 1.68 -8.30	57.61 2.03 -5.99	57.67 1.70 -14.59	55.22 1.55 -18.32	54.13 1.83 -19.68	54.09 1.85 -21.85	54.82 1.26 -24.16	57.15 1.23 -27.91	54.22 1.21 -26.22	54.22 1.32 -26.02	54.15 1.56 -21.39	60.12 1.77 -17.21	65.17 2.43 -9.94	66.67 2.99 -0.06	63.84 2.79 -1.77	59.24 2.26 -8.87	56.64 1.87 -14.05	54.83 1.76 -16.37
NYPA_VERNON____GT2 24162	41.85 1.78 -2.22	39.74 1.30																						

OAK ORCHARD___HYD 24046	37.29 -0.57 0.00	34.90 -0.24 0.00	34.53 -0.17 0.00	34.88 -0.10 0.00	35.85 -0.04 0.00	37.14 -0.19 0.00	43.46 -0.89 0.00	47.85 -1.74 0.00	40.51 -0.87 0.00	34.46 -0.88 0.00	31.71 -0.91 0.00	29.63 -0.76 0.00	28.60 -0.79 0.00	27.17 -0.84 0.00	25.94 -0.86 0.00	25.96 -0.91 0.00	30.23 -0.97 0.00	39.71 -1.44 0.00	50.68 -2.11 0.00	61.08 -2.55 0.00	56.85 -2.43 0.00	45.70 -2.40 0.00	38.92 -1.79 0.00	35.64 -1.07 0.00
OAKDALE___35_KV_LOAD 356122	38.04 0.19 0.00	35.46 0.32 0.00	35.05 0.35 0.00	35.37 0.38 0.00	36.28 0.39 0.00	37.70 0.37 0.00	44.70 0.35 0.00	49.63 0.05 0.00	41.71 0.33 0.00	35.49 0.14 0.00	32.69 0.07 0.00	30.48 0.09 0.00	29.43 0.03 0.00	27.98 -0.03 0.00	26.71 -0.08 0.00	26.80 -0.08 0.00	31.17 -0.03 0.00	41.06 -0.08 0.00	52.53 -0.26 0.00	63.50 -0.13 0.00	59.10 -0.18 0.00	47.68 -0.43 0.00	40.35 -0.37 0.00	36.55 -0.15 0.00
OCC_CHEM___DRP 24175	36.19 -1.67 0.00	34.02 -1.12 0.00	33.69 -1.01 0.00	34.08 -0.91 0.00	34.95 -0.93 0.00	36.28 -1.05 0.00	42.31 -2.04 0.00	45.52 -4.07 0.00	39.35 -2.03 0.00	33.22 -2.12 0.00	30.70 -1.92 0.00	28.99 -1.40 0.00	27.72 -1.68 0.00	26.24 -1.76 0.00	24.92 -1.88 0.00	25.05 -1.83 0.00	29.11 -2.09 0.00	37.90 -3.25 0.00	47.99 -4.80 0.00	57.71 -5.92 0.00	53.71 -5.57 0.00	42.91 -5.20 0.00	36.85 -3.87 0.00	34.24 -2.46 0.00
OH_GEN_PROXY 24063	36.49 -1.36 0.00	34.23 -0.91 0.00	33.90 -0.80 0.00	34.25 -0.74 0.00	35.20 -0.68 0.00	36.43 -0.90 0.00	42.27 -2.08 0.00	46.01 -3.57 0.00	39.52 -1.86 0.00	33.40 -1.94 0.00	30.80 -1.83 0.00	28.93 -1.46 0.00	27.90 -1.50 0.00	26.44 -1.57 0.00	25.27 -1.53 0.00	25.24 -1.64 0.00	29.36 -1.84 0.00	38.27 -2.88 0.00	48.52 -4.27 0.00	58.28 -5.34 0.00	54.12 -5.16 0.00	43.40 -4.71 0.00	37.25 -3.46 0.00	34.54 -2.17 0.00
OLIN_CORP_DRP 24177	36.15 -1.70 0.00	33.98 -1.16 0.00	33.66 -1.04 0.00	34.04 -0.94 0.00	34.91 -0.97 0.00	36.24 -1.08 0.00	42.26 -2.08 0.00	45.47 -4.12 0.00	39.27 -2.11 0.00	33.15 -2.19 0.00	30.67 -1.96 0.00	28.96 -1.43 0.00	27.69 -1.70 0.00	26.22 -1.79 0.00	24.89 -1.90 0.00	25.02 -1.85 0.00	29.05 -2.15 0.00	37.85 -3.29 0.00	47.94 -4.86 0.00	57.64 -5.98 0.00	53.65 -5.63 0.00	42.91 -5.20 0.00	36.81 -3.91 0.00	34.21 -2.50 0.00
OLIN_CORP_DSASP 323712	36.23 -1.63 0.00	34.02 -1.13 0.00	33.69 -1.01 0.00	34.05 -0.94 0.00	34.99 -0.90 0.00	36.21 -1.12 0.00	41.91 -2.44 0.00	45.52 -4.06 0.00	39.18 -2.19 0.00	33.08 -2.26 0.00	30.54 -2.09 0.00	28.69 -1.70 0.00	27.66 -1.73 0.00	26.19 -1.82 0.00	25.05 -1.74 0.00	25.00 -1.88 0.00	29.08 -2.12 0.00	37.90 -3.25 0.00	48.04 -4.75 0.00	57.64 -5.98 0.00	53.53 -5.75 0.00	42.91 -5.20 0.00	36.89 -3.83 0.00	34.28 -2.42 0.00
ONEIDA_HERK_LFGE 323681	39.12 0.38 -0.89	36.33 0.35 -0.84	35.91 0.38 -0.83	36.27 0.45 -0.83	37.27 0.54 -0.84	38.63 0.56 -0.74	44.92 0.58 0.00	50.43 0.84 0.00	42.08 0.70 0.00	35.77 0.43 0.00	32.82 0.20 0.00	30.48 0.09 0.00	29.45 0.06 0.00	28.01 0.00 0.00	26.77 -0.03 0.00	26.90 0.03 0.00	31.42 0.22 0.00	41.76 0.62 0.00	53.90 1.11 0.00	65.22 1.59 0.00	60.76 1.48 0.00	49.22 1.11 0.00	41.28 0.57 0.00	37.07 0.37 0.00
ONEIDA___115KV_TB4 55905	38.76 0.91 0.00	36.02 0.88 0.00	35.60 0.90 0.00	35.97 0.98 0.00	36.89 1.00 0.00	38.41 1.08 0.00	45.46 1.11 0.00	50.82 1.24 0.00	42.37 0.99 0.00	36.05 0.71 0.00	33.12 0.49 0.00	30.75 0.36 0.00	29.69 0.29 0.00	28.26 0.25 0.00	26.98 0.19 0.00	27.12 0.24 0.00	31.67 0.47 0.00	41.97 0.82 0.00	54.06 1.27 0.00	65.41 1.78 0.00	60.94 1.66 0.00	49.26 1.15 0.00	41.53 0.81 0.00	37.47 0.77 0.00
ONONDAGA_REF_OCCRA 23987	37.85 0.00 0.00	35.25 0.11 0.00	34.80 0.10 0.00	35.13 0.14 0.00	36.03 0.14 0.00	37.44 0.11 0.00	44.39 0.04 0.00	49.44 -0.15 0.00	41.38 0.00 0.00	35.34 0.00 0.00	32.59 -0.03 0.00	30.33 -0.06 0.00	29.31 -0.09 0.00	27.90 -0.11 0.00	26.61 -0.19 0.00	26.72 -0.16 0.00	31.08 -0.12 0.00	40.90 -0.25 0.00	52.32 -0.48 0.00	63.18 -0.45 0.00	58.86 -0.41 0.00	47.58 -0.53 0.00	40.23 -0.49 0.00	36.41 -0.29 0.00
ONONDAGA___COGEN 23986	37.93 0.08 0.00	35.36 0.21 0.00	34.94 0.24 0.00	35.27 0.28 0.00	36.13 0.25 0.00	37.59 0.26 0.00	44.53 0.18 0.00	49.58 0.00 0.00	41.50 0.12 0.00	35.45 0.11 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.37 -0.03 0.00	27.95 -0.06 0.00	26.66 -0.13 0.00	26.80 -0.08 0.00	31.17 -0.03 0.00	41.02 -0.12 0.00	52.42 -0.37 0.00	63.24 -0.38 0.00	58.92 -0.36 0.00	47.63 -0.48 0.00	40.31 -0.41 0.00	36.48 -0.22 0.00
ONTARIO___LFGE 23819	38.15 0.30 0.00	35.64 0.49 0.00	35.29 0.59 0.00	35.65 0.66 0.00	36.64 0.75 0.00	38.03 0.71 0.00	44.88 0.53 0.00	49.73 0.15 0.00	41.79 0.41 0.00	35.49 0.14 0.00	32.56 -0.07 0.00	30.30 -0.09 0.00	29.25 -0.15 0.00	27.78 -0.23 0.00	26.47 -0.32 0.00	26.58 -0.30 0.00	31.04 -0.16 0.00	41.02 -0.12 0.00	52.58 -0.21 0.00	63.37 -0.25 0.00	58.87 -0.41 0.00	47.48 -0.63 0.00	40.18 -0.53 0.00	36.48 -0.22 0.00
ORANGEVILLE_WT_PWR 323706	36.64 -1.21 0.00	34.40 -0.74 0.00	34.14 -0.56 0.00	34.60 -0.38 0.00	35.59 -0.29 0.00	36.95 -0.37 0.00	43.24 -1.11 0.00	47.40 -2.18 0.00	40.35 -1.03 0.00	34.07 -1.27 0.00	31.32 -1.31 0.00	29.27 -1.12 0.00	28.22 -1.18 0.00	26.75 -1.26 0.00	25.51 -1.29 0.00	25.53 -1.34 0.00	29.73 -1.47 0.00	39.09 -2.06 0.00	49.94 -2.85 0.00	60.13 -3.50 0.00	55.60 -3.68 0.00	44.26 -3.85 0.00	37.58 -3.13 0.00	34.46 -2.24 0.00
ORANGEVILLE___ESR 323794	36.64 -1.21 0.00	34.40 -0.74 0.00	34.14 -0.56 0.00	34.60 -0.38 0.00	35.59 -0.29 0.00	36.95 -0.37 0.00	43.24 -1.11 0.00	47.40 -2.18 0.00	40.35 -1.03 0.00	34.07 -1.27 0.00	31.32 -1.31 0.00	29.27 -1.12 0.00	28.22 -1.18 0.00	26.75 -1.26 0.00	25.51 -1.29 0.00	25.53 -1.34 0.00	29.73 -1.47 0.00	39.09 -2.06 0.00	49.94 -2.85 0.00	60.13 -3.50 0.00	55.60 -3.68 0.00	44.26 -3.85 0.00	37.58 -3.13 0.00	34.46 -2.24 0.00
OSWEGATCHIE___HYD 24044	41.31 -0.98 -4.44	38.47 -0.84 -4.17	38.01 -0.80 -4.11	38.38 -0.74 -4.13	39.41 -0.68 -4.21	40.35 -0.67 -3.69	43.42 -0.93 0.00	48.89 -0.69 0.00	40.76 -0.62 0.00	34.57 -0.78 0.00	31.84 -0.78 0.00	29.57 -0.82 0.00	28.54 -0.85 0.00	27.20 -0.81 0.00	25.99 -0.80 0.00	26.02 -0.86 0.00	30.45 -0.75 0.00	40.57 -0.58 0.00	52.53 -0.26 0.00	63.56 -0.06 0.00	59.28 0.00 0.00	48.16 0.05 0.00	40.27 -0.45 0.00	36.15 -0.55 0.00
OSWEGO___5 23606	37.25 -0.61 0.00	34.65 -0.49 0.00	34.25 -0.45 0.00	34.57 -0.42 0.00	35.45 -0.43 0.00	36.80 -0.52 0.00	43.59 -0.75 0.00	48.64 -0.94 0.00	40.67 -0.70 0.00	34.78 -0.57 0.00	32.04 -0.59 0.00	29.84 -0.55 0.00	28.87 -0.53 0.00	27.48 -0.53 0.00	26.26 -0.54 0.00	26.34 -0.54 0.00	30.64 -0.56 0.00	40.24 -0.91 0.00	51.48 -1.32 0.00	62.04 -1.59 0.00	57.80 -1.48 0.00	46.76 -1.35 0.00	39.62 -1.10 0.00	35.82 -0.88 0.00

OSWEGO___6 23613	37.25 -0.61 0.00	34.65 -0.49 0.00	34.25 -0.45 0.00	34.57 -0.42 0.00	35.45 -0.43 0.00	36.80 -0.52 0.00	43.59 -0.75 0.00	48.64 -0.94 0.00	40.67 -0.70 0.00	34.78 -0.57 0.00	32.04 -0.59 0.00	29.84 -0.55 0.00	28.87 -0.53 0.00	27.48 -0.53 0.00	26.26 -0.54 0.00	26.34 -0.54 0.00	30.64 -0.56 0.00	40.24 -0.91 0.00	51.48 -1.32 0.00	62.04 -1.59 0.00	57.80 -1.48 0.00	46.76 -1.35 0.00	39.62 -1.10 0.00	35.82 -0.88 0.00
OUTOKUMPU-AB___DRP 24206	36.98 -0.87 0.00	34.76 -0.39 0.00	34.46 -0.24 0.00	34.88 -0.10 0.00	35.74 -0.14 0.00	37.10 -0.22 0.00	43.28 -1.06 0.00	46.71 -2.88 0.00	40.34 -1.03 0.00	34.04 -1.31 0.00	31.48 -1.14 0.00	29.69 -0.70 0.00	28.40 -1.00 0.00	26.86 -1.15 0.00	25.48 -1.31 0.00	25.61 -1.26 0.00	29.80 -1.40 0.00	38.84 -2.30 0.00	49.31 -3.48 0.00	59.30 -4.33 0.00	55.19 -4.09 0.00	44.07 -4.04 0.00	37.74 -2.97 0.00	35.01 -1.69 0.00
OXBOW___BTM 323836	36.53 -1.33 0.00	34.30 -0.84 0.00	34.00 -0.69 0.00	34.36 -0.63 0.00	35.31 -0.58 0.00	36.54 -0.79 0.00	42.31 -2.04 0.00	46.01 -3.57 0.00	39.60 -1.78 0.00	33.43 -1.91 0.00	30.90 -1.73 0.00	28.99 -1.40 0.00	27.96 -1.44 0.00	26.47 -1.54 0.00	25.29 -1.50 0.00	25.24 -1.64 0.00	29.39 -1.81 0.00	38.31 -2.84 0.00	48.62 -4.17 0.00	58.41 -5.22 0.00	54.18 -5.10 0.00	43.44 -4.67 0.00	37.29 -3.42 0.00	34.57 -2.13 0.00
OXBOW____ 24026	36.49 -1.36 0.00	34.34 -0.81 0.00	34.00 -0.69 0.00	34.43 -0.56 0.00	35.27 -0.61 0.00	36.62 -0.71 0.00	42.71 -1.64 0.00	46.01 -3.57 0.00	39.76 -1.61 0.00	33.58 -1.77 0.00	31.03 -1.60 0.00	29.30 -1.09 0.00	28.01 -1.38 0.00	26.50 -1.51 0.00	25.16 -1.63 0.00	25.29 -1.59 0.00	29.39 -1.81 0.00	38.31 -2.84 0.00	48.57 -4.22 0.00	58.41 -5.22 0.00	54.36 -4.92 0.00	43.44 -4.67 0.00	37.25 -3.46 0.00	34.57 -2.13 0.00
OXY_CHEM_DSASP 323612	36.19 -1.67 0.00	34.02 -1.12 0.00	33.69 -1.01 0.00	34.08 -0.91 0.00	34.95 -0.93 0.00	36.28 -1.05 0.00	42.31 -2.04 0.00	45.52 -4.07 0.00	39.35 -2.03 0.00	33.22 -2.12 0.00	30.70 -1.92 0.00	28.99 -1.40 0.00	27.72 -1.68 0.00	26.24 -1.76 0.00	24.92 -1.88 0.00	25.05 -1.83 0.00	29.11 -2.09 0.00	37.90 -3.25 0.00	47.99 -4.80 0.00	57.71 -5.92 0.00	53.71 -5.57 0.00	42.91 -5.20 0.00	36.85 -3.87 0.00	34.24 -2.46 0.00
OZONE_PARK_ESR 323760	39.67 1.82 0.00	36.59 1.44 0.00	36.02 1.32 0.00	36.25 1.26 0.00	37.17 1.29 0.00	38.56 1.23 0.00	46.21 1.86 0.00	51.91 2.33 0.00	43.32 1.94 0.00	37.04 1.70 0.00	34.16 1.53 0.00	31.88 1.49 0.00	30.78 1.38 0.00	29.35 1.34 0.00	28.13 1.34 0.00	28.33 1.45 0.00	32.70 1.50 0.00	43.25 2.10 0.00	55.64 2.85 0.00	67.06 3.44 0.00	62.48 3.20 0.00	50.80 2.69 0.00	42.95 2.24 0.00	38.43 1.72 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	36.19 -1.67 0.00	34.02 -1.12 0.00	33.69 -1.01 0.00	34.08 -0.91 0.00	34.95 -0.93 0.00	36.28 -1.05 0.00	42.31 -2.04 0.00	45.52 -4.07 0.00	39.35 -2.03 0.00	33.22 -2.12 0.00	30.70 -1.92 0.00	28.99 -1.40 0.00	27.72 -1.68 0.00	26.24 -1.76 0.00	24.92 -1.88 0.00	25.05 -1.83 0.00	29.11 -2.09 0.00	37.90 -3.25 0.00	47.99 -4.80 0.00	57.71 -5.92 0.00	53.71 -5.57 0.00	42.91 -5.20 0.00	36.85 -3.87 0.00	34.24 -2.46 0.00
PACKARD___115KV_DUPONT_184 80571	36.19 -1.67 0.00	34.02 -1.12 0.00	33.69 -1.01 0.00	34.08 -0.91 0.00	34.95 -0.93 0.00	36.28 -1.05 0.00	42.31 -2.04 0.00	45.52 -4.07 0.00	39.35 -2.03 0.00	33.22 -2.12 0.00	30.70 -1.92 0.00	28.99 -1.40 0.00	27.72 -1.68 0.00	26.24 -1.76 0.00	24.92 -1.88 0.00	25.05 -1.83 0.00	29.11 -2.09 0.00	37.90 -3.25 0.00	47.99 -4.80 0.00	57.71 -5.92 0.00	53.71 -5.57 0.00	42.91 -5.20 0.00	36.85 -3.87 0.00	34.24 -2.46 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.45 1.59 -0.01	36.38 1.23 -0.01	35.85 1.15 -0.01	36.08 1.08 -0.01	36.96 1.08 0.00	38.34 1.01 0.00	45.98 1.64 0.01	51.61 2.03 0.01	43.03 1.66 0.01	36.82 1.48 0.01	33.96 1.34 0.01	31.66 1.28 0.01	30.59 1.21 0.01	29.15 1.15 0.01	27.97 1.18 0.01	28.16 1.29 0.01	32.50 1.31 0.01	42.95 1.81 0.01	55.32 2.53 0.01	66.42 2.80 0.00	61.95 2.67 0.00	50.51 2.41 0.01	42.70 2.00 0.01	38.16 1.47 0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.68 1.82 -0.01	36.59 1.44 -0.01	36.06 1.35 -0.01	36.33 1.33 -0.01	37.21 1.33 0.00	38.60 1.27 0.00	46.25 1.91 0.01	51.91 2.33 0.01	43.27 1.90 0.01	36.96 1.63 0.01	34.09 1.47 0.01	31.78 1.40 0.01	30.68 1.29 0.01	29.26 1.26 0.01	28.05 1.26 0.01	28.24 1.37 0.01	32.60 1.40 0.01	43.11 1.98 0.01	55.53 2.75 0.01	66.74 3.12 0.00	62.18 2.90 0.00	50.70 2.60 0.01	42.91 2.20 0.01	38.31 1.61 0.01
PATROON___115KV_TB1 80586	38.42 0.57 0.00	35.53 0.39 0.00	35.05 0.35 0.00	35.34 0.35 0.00	36.21 0.32 0.00	37.70 0.37 0.00	44.93 0.58 0.00	50.33 0.74 0.00	41.75 0.37 0.00	35.77 0.42 0.00	32.99 0.36 0.00	30.72 0.33 0.00	29.72 0.32 0.00	28.35 0.34 0.00	27.14 0.35 0.00	27.25 0.38 0.00	31.64 0.44 0.00	41.72 0.58 0.00	53.80 1.00 0.00	64.83 1.21 0.00	60.35 1.07 0.00	49.12 1.01 0.00	41.61 0.90 0.00	37.44 0.73 0.00
PATTRSNVILLE___SOLAR 323815	38.91 1.06 0.00	36.06 0.91 0.00	35.57 0.87 0.00	35.90 0.91 0.00	36.81 0.93 0.00	38.34 1.01 0.00	45.64 1.29 0.00	50.97 1.39 0.00	42.25 0.87 0.00	35.94 0.60 0.00	33.08 0.46 0.00	30.76 0.37 0.00	29.81 0.41 0.00	28.37 0.36 0.00	27.14 0.35 0.00	27.28 0.40 0.00	31.70 0.50 0.00	42.18 1.03 0.00	54.53 1.74 0.00	65.85 2.23 0.00	61.35 2.07 0.00	49.84 1.73 0.00	42.14 1.42 0.00	37.84 1.14 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	37.70 -0.15 0.00	35.46 0.32 0.00	35.15 0.45 0.00	35.55 0.56 0.00	36.46 0.57 0.00	37.89 0.56 0.00	44.30 -0.04 0.00	48.05 -1.54 0.00	41.46 0.08 0.00	34.99 -0.35 0.00	32.33 -0.29 0.00	30.42 0.03 0.00	29.13 -0.26 0.00	27.56 -0.45 0.00	26.18 -0.62 0.00	26.29 -0.59 0.00	30.54 -0.66 0.00	39.87 -1.28 0.00	50.68 -2.11 0.00	61.14 -2.48 0.00	56.79 -2.49 0.00	45.27 -2.84 0.00	38.64 -2.08 0.00	35.71 -0.99 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.52 1.67 0.00	36.51 1.37 0.00	35.98 1.28 0.00	36.32 1.33 0.00	37.21 1.33 0.00	38.67 1.34 0.00	46.26 1.91 0.00	51.96 2.38 0.00	43.28 1.90 0.00	36.93 1.59 0.00	34.03 1.40 0.00	31.64 1.25 0.00	30.51 1.12 0.00	29.10 1.09 0.00	27.87 1.07 0.00	28.03 1.16 0.00	32.45 1.25 0.00	43.08 1.93 0.00	55.49 2.69 0.00	67.19 3.56 0.00	62.48 3.20 0.00	50.71 2.60 0.00	42.91 2.20 0.00	38.35 1.65 0.00
PEEKSKILL____ 23653	38.99 1.13 0.00	36.02 0.88 0.00	35.53 0.83 0.00	35.76 0.77 0.00	36.64 0.75 0.00	38.15 0.82 0.00	45.68 1.33 0.00	51.12 1.54 0.00	42.66 1.28 0.00	36.47 1.13 0.00	33.70 1.08 0.00	31.42 1.03 0.00	30.31 0.91 0.00	28.91 0.90 0.00	27.68 0.88 0.00	27.87 1.00 0.00	32.17 0.97 0.00	42.50 1.36 0.00	54.59 1.80 0.00	66.04 2.42 0.00	61.53 2.25 0.00	49.94 1.83 0.00	42.22 1.51 0.00	37.84 1.14 0.00

PGE MADISON___WINDPWR 24146	40.35 2.50 0.00	37.68 2.53 0.00	37.37 2.67 0.00	37.82 2.83 0.00	38.90 3.01 0.00	40.42 3.10 0.00	47.63 3.28 0.00	53.60 4.01 0.00	44.48 3.10 0.00	37.46 2.12 0.00	34.06 1.43 0.00	31.51 1.13 0.00	30.34 0.94 0.00	28.85 0.84 0.00	27.52 0.72 0.00	27.82 0.94 0.00	32.91 1.71 0.00	44.27 3.13 0.00	57.49 4.70 0.00	69.86 6.24 0.00	64.91 5.63 0.00	52.00 3.90 0.00	43.65 2.93 0.00	39.23 2.53 0.00
PIERCEFIELD___HYD 23852	43.37 -1.02 -6.54	40.45 -0.84 -6.14	39.95 -0.80 -6.05	40.23 -0.84 -6.09	41.29 -0.79 -6.20	42.02 -0.75 -5.44	43.24 -1.11 0.00	48.79 -0.79 0.00	40.63 -0.74 0.00	34.50 -0.85 0.00	31.97 -0.65 0.00	29.75 -0.64 0.00	28.75 -0.65 0.00	27.42 -0.59 0.00	26.23 -0.56 0.00	26.18 -0.70 0.00	30.51 -0.69 0.00	40.57 -0.58 0.00	52.42 -0.37 0.00	63.18 -0.45 0.00	58.92 -0.36 0.00	48.06 -0.05 0.00	40.43 -0.28 0.00	36.37 -0.33 0.00
PINELAWN_CC_1 323563	39.56 1.70 0.00	36.37 1.23 0.00	35.88 1.18 0.00	35.93 0.95 0.00	36.96 1.08 0.00	38.45 1.12 0.00	46.48 2.13 0.00	51.47 1.88 0.00	42.79 1.41 0.00	36.43 1.10 0.01	33.73 1.11 0.01	31.38 1.00 0.01	30.24 0.85 0.01	28.92 0.92 0.01	27.79 0.99 0.00	28.09 1.21 0.00	32.42 1.22 0.00	43.00 1.85 0.00	55.48 2.69 0.00	67.12 3.50 0.00	62.54 3.26 0.00	51.28 3.17 0.00	43.24 2.53 0.00	38.61 1.91 0.00
PJM_GEN_HTP_PROXY 323702	39.33 1.47 0.00	36.30 1.16 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.89 1.00 0.00	38.45 1.12 0.00	46.08 1.73 0.00	51.57 1.99 0.00	43.08 1.70 0.00	36.86 1.52 0.00	34.10 1.47 0.00	31.85 1.46 0.00	30.66 1.26 0.00	29.24 1.23 0.00	28.00 1.21 0.00	28.20 1.32 0.00	32.54 1.34 0.00	42.91 1.77 0.00	55.17 2.38 0.00	66.68 3.05 0.00	62.07 2.79 0.00	50.37 2.26 0.00	42.59 1.87 0.00	38.13 1.43 0.00
PJM_GEN_KEystone 24065	37.89 0.04 0.00	35.25 0.11 0.00	34.84 0.14 0.00	35.09 0.11 0.00	36.03 0.14 0.00	37.44 0.11 0.00	44.35 0.00 0.00	49.19 -0.40 0.00	41.50 0.12 0.00	35.31 -0.04 0.00	32.63 0.00 0.00	30.45 0.06 0.00	29.37 -0.03 0.00	27.95 -0.06 0.00	26.74 -0.05 0.00	26.83 -0.05 0.00	31.04 -0.16 0.00	40.82 -0.33 0.00	48.54 -0.63 3.62	65.60 -0.51 -2.49	58.63 -0.65 0.00	47.29 -0.82 0.00	40.14 -0.57 0.00	36.37 -0.33 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.25 1.40 0.00	36.13 0.98 0.00	35.64 0.94 0.00	35.76 0.77 0.00	36.74 0.86 0.00	38.22 0.89 0.00	46.08 1.73 0.00	51.17 1.59 0.00	42.62 1.24 0.00	36.36 1.03 0.01	33.66 1.04 0.01	31.35 0.97 0.01	30.21 0.82 0.01	28.87 0.87 0.01	27.70 0.91 0.00	27.96 1.08 0.00	32.26 1.06 0.00	42.71 1.56 0.00	55.01 2.22 0.00	66.49 2.87 0.00	61.95 2.67 0.00	50.70 2.60 0.00	42.79 2.08 0.00	38.24 1.54 0.00
PJM_GEN_VFT_PROXY 323633	39.10 1.25 0.00	36.20 1.05 0.00	35.71 1.01 0.00	35.86 0.88 0.00	36.71 0.83 0.00	38.22 0.89 0.00	45.94 1.59 0.00	51.37 1.78 0.00	42.91 1.53 0.00	36.72 1.38 0.00	33.96 1.34 0.00	31.76 1.37 0.00	30.63 1.23 0.00	29.21 1.20 0.00	27.97 1.18 0.00	28.17 1.29 0.00	32.45 1.25 0.00	42.79 1.65 0.00	54.96 2.17 0.00	66.42 2.80 0.00	61.83 2.55 0.00	50.18 2.07 0.00	42.46 1.75 0.00	37.91 1.21 0.00
PLATSBURG_115KV_PMLD1 355749	-6.58 -1.55 42.88	-6.54 -1.41 40.28	-6.44 -1.46 39.69	-6.44 -1.54 39.89	-6.32 -1.58 40.62	0.00 -1.68 35.65	42.35 -2.00 0.00	48.25 -1.34 0.00	40.43 -0.95 0.00	34.57 -0.78 0.00	32.37 -0.26 0.00	30.27 -0.12 0.00	29.34 -0.06 0.00	28.07 0.06 0.00	26.96 0.16 0.00	27.09 0.22 0.00	31.70 0.50 0.00	42.22 1.07 0.00	54.59 1.79 0.00	64.83 1.21 0.00	60.47 1.19 0.00	49.89 1.78 0.00	41.94 1.22 0.00	37.66 0.95 0.00
PLEASANTVLY___LBMP 24000	39.03 1.17 0.00	35.99 0.84 0.00	35.50 0.80 0.00	35.72 0.73 0.00	36.64 0.75 0.00	38.07 0.75 0.00	45.55 1.20 0.00	51.12 1.54 0.00	42.54 1.16 0.00	36.37 1.02 0.00	33.54 0.91 0.00	31.24 0.85 0.00	30.19 0.79 0.00	28.79 0.78 0.00	27.60 0.80 0.00	27.76 0.89 0.00	32.14 0.94 0.00	42.46 1.32 0.00	54.64 1.85 0.00	65.85 2.23 0.00	61.35 2.07 0.00	49.89 1.78 0.00	42.26 1.55 0.00	37.88 1.17 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.25 1.40 0.00	36.20 1.05 0.00	35.70 1.01 0.00	35.93 0.94 0.00	36.85 0.97 0.00	38.26 0.93 0.00	45.81 1.46 0.00	51.42 1.83 0.00	42.83 1.45 0.00	36.62 1.27 0.00	33.77 1.14 0.00	31.45 1.06 0.00	30.40 1.00 0.00	28.99 0.98 0.00	27.79 0.99 0.00	27.98 1.10 0.00	32.32 1.12 0.00	42.75 1.60 0.00	55.01 2.22 0.00	66.36 2.74 0.00	61.77 2.49 0.00	50.27 2.16 0.00	42.55 1.83 0.00	38.10 1.39 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.25 1.40 0.00	36.20 1.05 0.00	35.70 1.01 0.00	35.93 0.94 0.00	36.85 0.97 0.00	38.26 0.93 0.00	45.81 1.46 0.00	51.42 1.83 0.00	42.83 1.45 0.00	36.62 1.27 0.00	33.77 1.14 0.00	31.45 1.06 0.00	30.40 1.00 0.00	28.99 0.98 0.00	27.79 0.99 0.00	27.98 1.10 0.00	32.32 1.12 0.00	42.75 1.60 0.00	55.01 2.22 0.00	66.36 2.74 0.00	61.77 2.49 0.00	50.27 2.16 0.00	42.55 1.83 0.00	38.10 1.39 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.25 1.40 0.00	36.23 1.09 0.00	35.70 1.01 0.00	35.97 0.98 0.00	36.89 1.00 0.00	38.34 1.01 0.00	45.90 1.55 0.00	51.47 1.88 0.00	42.83 1.45 0.00	36.51 1.17 0.00	33.64 1.01 0.00	31.30 0.91 0.00	30.25 0.85 0.00	28.85 0.84 0.00	27.68 0.88 0.00	27.85 0.97 0.00	32.20 1.00 0.00	42.71 1.56 0.00	55.01 2.22 0.00	66.36 2.74 0.00	61.83 2.55 0.00	50.18 2.07 0.00	42.51 1.79 0.00	38.10 1.39 0.00
POLETTI___ 23519	39.44 1.59 0.00	36.37 1.23 0.00	35.84 1.15 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.26 0.93 0.00	45.81 1.46 0.00	51.47 1.88 0.00	42.91 1.53 0.00	36.76 1.41 0.00	33.90 1.27 0.00	31.64 1.25 0.00	30.57 1.18 0.00	29.13 1.12 0.00	27.92 1.13 0.00	28.11 1.24 0.00	32.45 1.25 0.00	42.83 1.69 0.00	55.12 2.32 0.00	66.42 2.80 0.00	61.83 2.55 0.00	50.32 2.21 0.00	42.59 1.87 0.00	38.10 1.39 0.00
POMONA___ESR 323819	39.03 1.17 0.00	36.02 0.88 0.00	35.53 0.83 0.00	35.76 0.77 0.00	36.64 0.75 0.00	38.15 0.82 0.00	45.64 1.29 0.00	51.07 1.49 0.00	42.66 1.28 0.00	36.47 1.13 0.00	33.70 1.08 0.00	31.42 1.03 0.00	30.28 0.88 0.00	28.88 0.87 0.00	27.68 0.88 0.00	27.84 0.97 0.00	32.14 0.94 0.00	42.50 1.36 0.00	54.59 1.80 0.00	66.04 2.42 0.00	61.53 2.25 0.00	49.89 1.78 0.00	42.22 1.51 0.00	37.84 1.14 0.00
PORT_JEFF_3 23555	39.59 1.74 0.00	36.27 1.12 0.00	35.78 1.08 0.00	35.83 0.84 0.00	36.89 1.00 0.00	38.37 1.04 0.00	46.57 2.22 0.00	51.37 1.78 0.00	42.62 1.24 0.00	36.25 0.92 0.01	33.53 0.91 0.01	31.17 0.79 0.01	30.01 0.62 0.01	28.76 0.76 0.01	27.71 0.91 0.00	28.09 1.21 0.00	32.29 1.09 0.00	42.91 1.77 0.00	55.54 2.74 0.00	67.31 3.69 0.00	62.66 3.38 0.00	51.47 3.37 0.00	43.36 2.64 0.00	38.64 1.94 0.00

PORT_JEFF_4 23616	39.48 1.63 0.00	36.16 1.02 0.00	35.67 0.97 0.00	35.73 0.74 0.00	36.78 0.90 0.00	38.26 0.93 0.00	46.43 2.08 0.00	51.27 1.69 0.00	42.50 1.12 0.00	36.18 0.85 0.01	33.47 0.85 0.01	31.11 0.73 0.01	29.94 0.56 0.01	28.67 0.67 0.01	27.63 0.83 0.00	28.01 1.13 0.00	32.20 1.00 0.00	42.75 1.60 0.00	55.33 2.53 0.00	67.06 3.43 0.00	62.42 3.14 0.00	51.23 3.13 0.00	43.20 2.48 0.00	38.54 1.83 0.00
PORT_JEFF_IC 23713	39.67 1.82 0.00	36.23 1.09 0.00	35.70 1.01 0.00	35.86 0.87 0.00	36.96 1.08 0.00	38.41 1.08 0.00	46.39 2.04 0.00	51.57 1.98 0.00	42.54 1.16 0.00	36.23 0.88 0.00	33.34 0.72 0.00	31.00 0.61 0.00	29.92 0.53 0.00	28.65 0.64 0.00	27.62 0.83 0.00	28.20 1.32 0.00	32.42 1.22 0.00	42.87 1.73 0.00	55.49 2.69 0.00	67.12 3.50 0.00	62.36 3.08 0.00	51.28 3.18 0.00	43.36 2.65 0.00	38.61 1.91 0.00
PPL_PILGRIM_ST_GT1 24216	39.74 1.89 0.00	36.48 1.34 0.00	35.98 1.28 0.00	36.04 1.05 0.00	37.07 1.18 0.00	38.56 1.23 0.00	46.74 2.39 0.00	51.67 2.08 0.00	42.87 1.49 0.00	36.50 1.16 0.01	33.76 1.14 0.01	31.42 1.03 0.01	30.24 0.85 0.01	28.95 0.95 0.01	27.84 1.04 0.00	28.17 1.29 0.00	32.48 1.28 0.00	43.08 1.93 0.00	55.75 2.95 0.00	67.51 3.88 0.00	62.84 3.56 0.00	51.52 3.42 0.00	43.48 2.77 0.00	38.79 2.09 0.00
PPL_PILGRIM_ST_GT2 24217	39.74 1.89 0.00	36.48 1.34 0.00	35.98 1.28 0.00	36.04 1.05 0.00	37.07 1.18 0.00	38.56 1.23 0.00	46.74 2.39 0.00	51.67 2.08 0.00	42.87 1.49 0.00	36.50 1.16 0.01	33.76 1.14 0.01	31.42 1.03 0.01	30.24 0.85 0.01	28.95 0.95 0.01	27.84 1.04 0.00	28.17 1.29 0.00	32.48 1.28 0.00	43.08 1.93 0.00	55.75 2.95 0.00	67.51 3.88 0.00	62.84 3.56 0.00	51.52 3.42 0.00	43.48 2.77 0.00	38.79 2.09 0.00
PPL_SHRM_GT3 24213	39.03 1.17 0.00	35.57 0.42 0.00	35.08 0.38 0.00	35.09 0.11 0.00	36.17 0.29 0.00	37.62 0.30 0.00	45.94 1.59 0.00	50.43 0.84 0.00	41.71 0.33 0.00	35.51 0.18 0.01	32.82 0.20 0.01	30.47 0.09 0.01	29.33 -0.06 0.01	28.11 0.11 0.01	27.22 0.43 0.00	27.71 0.83 0.00	31.60 0.40 0.00	42.01 0.87 0.00	54.48 1.69 0.00	66.17 2.55 0.00	61.59 2.31 0.00	50.66 2.55 0.00	42.67 1.95 0.00	38.02 1.32 0.00
PPL_SHRM_GT4 24214	39.03 1.17 0.00	35.57 0.42 0.00	35.08 0.38 0.00	35.09 0.11 0.00	36.17 0.29 0.00	37.62 0.30 0.00	45.94 1.59 0.00	50.43 0.84 0.00	41.71 0.33 0.00	35.51 0.18 0.01	32.82 0.20 0.01	30.47 0.09 0.01	29.33 -0.06 0.01	28.11 0.11 0.01	27.22 0.43 0.00	27.71 0.83 0.00	31.60 0.40 0.00	42.01 0.87 0.00	54.48 1.69 0.00	66.17 2.55 0.00	61.59 2.31 0.00	50.66 2.55 0.00	42.67 1.95 0.00	38.02 1.32 0.00
PROJECT___ORANGE 1 24174	37.74 -0.11 0.00	35.14 0.00 0.00	34.73 0.03 0.00	35.06 0.07 0.00	35.95 0.07 0.00	37.36 0.04 0.00	44.26 -0.09 0.00	49.24 -0.35 0.00	41.25 -0.12 0.00	35.24 -0.11 0.00	32.50 -0.13 0.00	30.30 -0.09 0.00	29.25 -0.15 0.00	27.84 -0.17 0.00	26.55 -0.24 0.00	26.69 -0.19 0.00	31.01 -0.19 0.00	40.78 -0.37 0.00	52.11 -0.69 0.00	62.86 -0.76 0.00	58.57 -0.71 0.00	47.34 -0.77 0.00	40.06 -0.65 0.00	36.26 -0.44 0.00
PROJECT___ORANGE 2 24166	37.74 -0.11 0.00	35.14 0.00 0.00	34.73 0.03 0.00	35.06 0.07 0.00	35.95 0.07 0.00	37.36 0.04 0.00	44.26 -0.09 0.00	49.24 -0.35 0.00	41.25 -0.12 0.00	35.24 -0.11 0.00	32.50 -0.13 0.00	30.30 -0.09 0.00	29.25 -0.15 0.00	27.84 -0.17 0.00	26.55 -0.24 0.00	26.69 -0.19 0.00	31.01 -0.19 0.00	40.78 -0.37 0.00	52.11 -0.69 0.00	62.86 -0.76 0.00	58.57 -0.71 0.00	47.34 -0.77 0.00	40.06 -0.65 0.00	36.26 -0.44 0.00
PUCKETT___SOLAR 323809	38.65 0.80 0.00	36.02 0.88 0.00	35.64 0.94 0.00	35.97 0.98 0.00	36.92 1.04 0.00	38.37 1.04 0.00	45.37 1.02 0.00	50.63 1.04 0.00	42.33 0.95 0.00	35.87 0.53 0.00	32.86 0.23 0.00	30.51 0.12 0.00	29.48 0.09 0.00	28.04 0.03 0.00	26.77 -0.03 0.00	26.90 0.03 0.00	31.45 0.25 0.00	41.72 0.58 0.00	53.69 0.90 0.00	65.02 1.40 0.00	60.53 1.25 0.00	48.73 0.62 0.00	41.16 0.45 0.00	37.21 0.51 0.00
PYRITES___HYD 24023	43.61 -0.11 -5.88	40.70 0.04 -5.52	40.21 0.07 -5.44	40.52 0.07 -5.47	41.56 0.11 -5.57	42.40 0.19 -4.88	44.22 -0.13 0.00	49.88 0.30 0.00	41.42 0.04 0.00	35.10 -0.25 0.00	32.46 -0.16 0.00	30.18 -0.21 0.00	29.13 -0.26 0.00	27.78 -0.22 0.00	26.58 -0.21 0.00	26.56 -0.32 0.00	31.01 -0.19 0.00	41.39 0.25 0.00	53.64 0.84 0.00	64.71 1.08 0.00	60.41 1.13 0.00	49.12 1.01 0.00	41.33 0.61 0.00	37.21 0.51 0.00
QUAKERRD_115KV_BK1 80622	36.64 -1.21 0.00	34.27 -0.88 0.00	33.87 -0.83 0.00	34.25 -0.73 0.00	35.17 -0.72 0.00	36.51 -0.82 0.00	42.97 -1.37 0.00	47.25 -2.33 0.00	39.93 -1.45 0.00	34.04 -1.31 0.00	31.39 -1.24 0.00	29.36 -1.03 0.00	28.22 -1.18 0.00	26.83 -1.18 0.00	25.51 -1.29 0.00	25.61 -1.26 0.00	29.80 -1.40 0.00	39.17 -1.98 0.00	50.05 -2.75 0.00	60.32 -3.31 0.00	56.26 -3.02 0.00	45.22 -2.89 0.00	38.39 -2.32 0.00	35.09 -1.61 0.00
QUENSBRY_115KV_TB8 356137	39.82 1.97 0.00	36.94 1.79 0.00	36.40 1.70 0.00	36.88 1.89 0.00	37.82 1.94 0.00	39.46 2.13 0.00	47.05 2.71 0.00	52.76 3.17 0.00	43.28 1.90 0.00	36.62 1.27 0.00	33.47 0.85 0.00	31.00 0.61 0.00	30.01 0.62 0.00	28.49 0.48 0.00	27.25 0.46 0.00	27.44 0.56 0.00	32.14 0.94 0.00	43.08 1.93 0.00	55.96 3.17 0.00	67.89 4.26 0.00	63.07 3.79 0.00	51.14 3.03 0.00	43.20 2.48 0.00	38.72 2.02 0.00
RAMAPO___LBMP 323565	38.87 1.02 0.00	35.88 0.74 0.00	35.36 0.66 0.00	35.62 0.63 0.00	36.53 0.65 0.00	37.92 0.60 0.00	45.37 1.02 0.00	50.87 1.29 0.00	42.45 1.08 0.00	36.26 0.92 0.00	33.44 0.82 0.00	31.15 0.76 0.00	30.10 0.71 0.00	28.71 0.70 0.00	27.54 0.75 0.00	27.68 0.81 0.00	32.01 0.81 0.00	42.30 1.15 0.00	54.38 1.58 0.00	65.72 2.10 0.00	61.18 1.90 0.00	49.70 1.59 0.00	42.06 1.34 0.00	37.69 0.99 0.00
RANKINE____ 23646	37.44 -0.42 0.00	35.21 0.07 0.00	34.91 0.21 0.00	35.34 0.35 0.00	36.24 0.36 0.00	37.63 0.30 0.00	43.95 -0.40 0.00	47.50 -2.08 0.00	41.05 -0.33 0.00	34.64 -0.71 0.00	32.01 -0.62 0.00	30.18 -0.21 0.00	28.87 -0.53 0.00	27.31 -0.70 0.00	25.94 -0.86 0.00	26.04 -0.83 0.00	30.26 -0.94 0.00	39.46 -1.69 0.00	50.10 -2.69 0.00	60.32 -3.31 0.00	56.08 -3.20 0.00	44.74 -3.37 0.00	38.27 -2.44 0.00	35.42 -1.28 0.00
RAVENSWOOD_GT2_1 24244	39.40 1.55 0.00	36.34 1.19 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.57 1.98 0.00	43.03 1.66 0.00	36.79 1.45 0.00	33.96 1.34 0.00	31.67 1.28 0.00	30.60 1.21 0.00	29.16 1.15 0.00	27.95 1.15 0.00	28.14 1.26 0.00	32.51 1.31 0.00	42.96 1.81 0.00	55.27 2.48 0.00	66.55 2.93 0.00	62.01 2.73 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.17 1.47 0.00



RAVENSWOOD_GT2_2 24245	39.40 1.55 0.00	36.34 1.19 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.57 1.98 0.00	43.03 1.66 0.00	36.79 1.45 0.00	33.96 1.34 0.00	31.67 1.28 0.00	30.60 1.21 0.00	29.16 1.15 0.00	27.95 1.15 0.00	28.14 1.26 0.00	32.51 1.31 0.00	42.96 1.81 0.00	55.27 2.48 0.00	66.55 2.93 0.00	62.01 2.73 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.17 1.47 0.00
RAVENSWOOD_GT2_3 24246	39.44 1.59 0.00	36.37 1.23 0.00	35.81 1.11 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.62 2.03 0.00	43.03 1.66 0.00	36.83 1.48 0.00	33.96 1.34 0.00	31.67 1.28 0.00	30.60 1.21 0.00	29.19 1.18 0.00	27.97 1.18 0.00	28.17 1.29 0.00	32.51 1.31 0.00	42.96 1.81 0.00	55.27 2.48 0.00	66.62 2.99 0.00	62.01 2.73 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.21 1.50 0.00
RAVENSWOOD_GT2_4 24247	39.44 1.59 0.00	36.37 1.23 0.00	35.81 1.11 0.00	36.07 1.08 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.62 2.03 0.00	43.03 1.66 0.00	36.83 1.48 0.00	33.96 1.34 0.00	31.67 1.28 0.00	30.60 1.21 0.00	29.19 1.18 0.00	27.97 1.18 0.00	28.17 1.29 0.00	32.51 1.31 0.00	42.96 1.81 0.00	55.27 2.48 0.00	66.62 2.99 0.00	62.01 2.73 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.21 1.50 0.00
RAVENSWOOD_GT3_1 24248	39.44 1.59 0.00	36.34 1.19 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.57 1.98 0.00	43.03 1.66 0.00	36.79 1.45 0.00	33.96 1.34 0.00	31.67 1.28 0.00	30.60 1.21 0.00	29.16 1.15 0.00	27.95 1.15 0.00	28.14 1.26 0.00	32.51 1.31 0.00	42.96 1.81 0.00	55.27 2.48 0.00	66.55 2.93 0.00	62.01 2.73 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.17 1.47 0.00
RAVENSWOOD_GT3_2 24249	39.44 1.59 0.00	36.34 1.19 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.57 1.98 0.00	43.03 1.66 0.00	36.79 1.45 0.00	33.96 1.34 0.00	31.67 1.28 0.00	30.60 1.21 0.00	29.16 1.15 0.00	27.95 1.15 0.00	28.14 1.26 0.00	32.51 1.31 0.00	42.96 1.81 0.00	55.27 2.48 0.00	66.55 2.93 0.00	62.01 2.73 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.17 1.47 0.00
RAVENSWOOD_GT3_3 24250	39.48 1.63 0.00	36.41 1.27 0.00	35.84 1.15 0.00	36.07 1.08 0.00	37.00 1.11 0.00	38.37 1.05 0.00	45.99 1.64 0.00	51.67 2.08 0.00	43.07 1.70 0.00	36.86 1.52 0.00	34.00 1.37 0.00	31.70 1.31 0.00	30.63 1.23 0.00	29.21 1.20 0.00	27.97 1.18 0.00	28.20 1.32 0.00	32.54 1.34 0.00	43.00 1.85 0.00	55.33 2.53 0.00	66.68 3.05 0.00	62.07 2.79 0.00	50.51 2.41 0.00	42.75 2.04 0.00	38.21 1.50 0.00
RAVENSWOOD_GT3_4 24251	39.48 1.63 0.00	36.41 1.27 0.00	35.84 1.15 0.00	36.07 1.08 0.00	37.00 1.11 0.00	38.37 1.05 0.00	45.99 1.64 0.00	51.67 2.08 0.00	43.07 1.70 0.00	36.86 1.52 0.00	34.00 1.37 0.00	31.70 1.31 0.00	30.63 1.23 0.00	29.21 1.20 0.00	27.97 1.18 0.00	28.20 1.32 0.00	32.54 1.34 0.00	43.00 1.85 0.00	55.33 2.53 0.00	66.68 3.05 0.00	62.07 2.79 0.00	50.51 2.41 0.00	42.75 2.04 0.00	38.21 1.50 0.00
RAVENSWOOD_GT_1 23729	41.85 1.78 -2.22	39.85 1.41 -3.30	38.64 1.32 -2.62	38.85 1.26 -2.61	39.55 1.29 -2.38	40.81 1.23 -2.25	47.74 1.86 -1.53	52.97 2.28 -1.10	45.96 1.90 -2.68	40.36 1.66 -3.36	37.57 1.53 -3.41	35.63 1.46 -3.78	35.35 1.35 -4.61	37.23 1.32 -7.91	32.64 1.31 -4.54	32.81 1.42 -4.50	36.40 1.50 -3.70	48.13 2.02 -4.97	58.46 2.80 -2.87	66.81 3.18 -0.01	62.50 2.96 -0.26	53.26 2.60 -2.56	45.49 2.20 -2.58	41.35 1.65 -3.00
RAVENSWOOD_GT_10 24258	39.40 1.55 0.00	36.27 1.19 0.07	35.81 1.11 0.00	36.04 1.05 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.91 1.60 0.03	51.54 1.98 0.02	42.94 1.61 0.05	36.72 1.45 0.07	34.04 1.34 -0.07	31.75 1.28 -0.08	30.75 1.21 -0.15	28.77 1.15 0.39	28.04 1.15 -0.10	28.24 1.26 -0.10	32.59 1.31 -0.08	42.67 1.77 0.25	55.13 2.48 0.14	66.55 2.93 0.00	62.01 2.73 0.00	50.29 2.31 0.13	42.62 1.95 0.05	38.11 1.47 0.06
RAVENSWOOD_GT_11 24259	39.40 1.55 0.00	36.27 1.19 0.07	35.81 1.11 0.00	36.04 1.05 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.91 1.60 0.03	51.54 1.98 0.02	42.94 1.61 0.05	36.72 1.45 0.07	34.04 1.34 -0.07	31.75 1.28 -0.08	30.75 1.21 -0.15	28.77 1.15 0.39	28.04 1.15 -0.10	28.24 1.26 -0.10	32.59 1.31 -0.08	42.67 1.77 0.25	55.13 2.48 0.14	66.55 2.93 0.00	62.01 2.73 0.00	50.29 2.31 0.13	42.62 1.95 0.05	38.11 1.47 0.06
RAVENSWOOD_GT_4 24252	41.04 1.51 -1.68	37.80 1.16 -1.49	37.76 1.08 -1.98	37.98 1.01 -1.97	38.73 1.04 -1.81	40.01 0.97 -1.72	46.59 1.55 -0.69	52.01 1.93 -0.49	44.20 1.61 -1.21	38.28 1.41 -1.52	36.52 1.31 -2.59	34.52 1.25 -2.88	34.08 1.18 -3.51	29.26 1.12 -0.13	31.37 1.13 -3.45	31.54 1.24 -3.43	35.30 1.28 -2.82	42.88 1.73 -0.01	55.23 2.43 -0.01	66.56 2.93 -0.01	62.15 2.67 -0.20	50.42 2.31 -0.01	43.83 1.95 -1.16	39.49 1.43 -1.36
RAVENSWOOD_GT_5 24254	41.04 1.51 -1.68	37.80 1.16 -1.49	37.76 1.08 -1.98	37.98 1.01 -1.97	38.73 1.04 -1.81	40.01 0.97 -1.72	46.59 1.55 -0.69	52.01 1.93 -0.49	44.20 1.61 -1.21	38.28 1.41 -1.52	36.52 1.31 -2.59	34.52 1.25 -2.88	34.08 1.18 -3.51	29.26 1.12 -0.13	31.37 1.13 -3.45	31.54 1.24 -3.43	35.30 1.28 -2.82	42.88 1.73 -0.01	55.23 2.43 -0.01	66.56 2.93 -0.01	62.15 2.67 -0.20	50.42 2.31 -0.01	43.83 1.95 -1.16	39.49 1.43 -1.36
RAVENSWOOD_GT_6 24253	41.04 1.51 -1.68	37.80 1.16 -1.49	37.76 1.08 -1.98	37.98 1.01 -1.97	38.73 1.04 -1.81	40.01 0.97 -1.72	46.59 1.55 -0.69	52.01 1.93 -0.49	44.20 1.61 -1.21	38.28 1.41 -1.52	36.52 1.31 -2.59	34.52 1.25 -2.88	34.08 1.18 -3.51	29.26 1.12 -0.13	31.37 1.13 -3.45	31.54 1.24 -3.43	35.30 1.28 -2.82	42.88 1.73 -0.01	55.23 2.43 -0.01	66.56 2.93 -0.01	62.15 2.67 -0.20	50.42 2.31 -0.01	43.83 1.95 -1.16	39.49 1.43 -1.36
RAVENSWOOD_GT_7 24255	41.04 1.51 -1.68	37.80 1.16 -1.49	37.76 1.08 -1.98	37.98 1.01 -1.97	38.73 1.04 -1.81	40.01 0.97 -1.72	46.59 1.55 -0.69	52.01 1.93 -0.49	44.20 1.61 -1.21	38.28 1.41 -1.52	36.52 1.31 -2.59	34.52 1.25 -2.88	34.08 1.18 -3.51	29.26 1.12 -0.13	31.37 1.13 -3.45	31.54 1.24 -3.43	35.30 1.28 -2.82	42.88 1.73 -0.01	55.23 2.43 -0.01	66.56 2.93 -0.01	62.15 2.67 -0.20	50.42 2.31 -0.01	43.83 1.95 -1.16	39.49 1.43 -1.36
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.40 1.55 0.00	36.27 1.19 0.07	35.81 1.11 0.00	36.04 1.05 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.91 1.60 0.03	51.54 1.98 0.02	42.94 1.61 0.05	36.72 1.45 0.07	34.04 1.34 -0.07	31.75 1.28 -0.08	30.75 1.21 -0.15	28.77 1.15 0.39	28.04 1.15 -0.10	28.24 1.26 -0.10	32.59 1.31 -0.08	42.67 1.77 0.25	55.13 2.48 0.14	66.55 2.93 0.00	62.01 2.73 0.00	50.29 2.31 0.13	42.62 1.95 0.05	38.11 1.47 0.06

RAVENSWOOD_GT_9 24257	39.40 1.55 0.00	36.27 1.19 0.07	35.81 1.11 0.00	36.04 1.05 0.00	36.96 1.08 0.00	38.34 1.01 0.00	45.91 1.60 0.03	51.54 1.98 0.02	42.94 1.61 0.05	36.72 1.45 0.07	34.04 1.34 -0.07	31.75 1.28 -0.08	30.75 1.21 -0.15	28.77 1.15 0.39	28.04 1.15 -0.10	28.24 1.26 -0.10	32.59 1.31 -0.08	42.67 1.77 0.25	55.13 2.48 0.14	66.55 2.93 0.00	62.01 2.73 0.00	50.29 2.31 0.13	42.62 1.95 0.05	38.11 1.47 0.06
RAVENSWOOD___1 23533	39.60 1.74 -0.01	37.11 1.30 -0.66	35.95 1.25 -0.01	36.25 1.26 -0.01	37.10 1.22 0.00	38.60 1.27 0.00	46.52 1.86 -0.31	51.94 2.13 -0.23	43.74 1.82 -0.54	37.65 1.63 -0.68	35.01 1.66 -0.73	32.83 1.64 -0.80	32.23 1.35 -1.48	33.17 1.32 -3.85	29.04 1.29 -0.96	29.20 1.37 -0.96	33.49 1.50 -0.79	45.55 1.93 -2.47	56.80 2.59 -1.42	66.74 3.12 0.00	62.18 2.90 0.00	51.78 2.40 -1.27	43.23 1.99 -0.52	38.96 1.65 -0.61
RAVENSWOOD___2 23534	39.60 1.74 -0.01	37.07 1.26 -0.66	35.92 1.21 -0.01	36.22 1.22 -0.01	37.07 1.18 0.00	38.60 1.27 0.00	46.48 1.82 -0.31	51.94 2.13 -0.23	43.74 1.82 -0.54	37.65 1.63 -0.67	34.98 1.63 -0.73	32.84 1.64 -0.81	32.21 1.32 -1.49	33.13 1.29 -3.83	29.02 1.26 -0.97	29.21 1.37 -0.96	33.46 1.47 -0.79	45.50 1.89 -2.46	56.74 2.53 -1.42	66.74 3.12 0.00	62.18 2.90 0.00	51.78 2.40 -1.26	43.23 1.99 -0.52	38.96 1.65 -0.60
RAVENSWOOD___3 23535	39.40 1.55 0.00	36.34 1.20 0.00	35.84 1.14 0.00	36.07 1.09 0.00	36.96 1.08 0.00	38.49 1.16 0.00	46.12 1.78 0.00	51.62 2.03 0.00	43.12 1.74 0.00	36.90 1.55 0.00	34.13 1.50 0.00	31.88 1.49 0.00	30.69 1.29 0.00	29.27 1.26 0.00	28.03 1.23 0.00	28.22 1.34 0.00	32.57 1.37 0.00	42.96 1.81 0.00	55.22 2.43 0.00	66.68 3.05 0.00	62.13 2.85 0.00	50.42 2.31 0.00	42.63 1.91 0.00	38.17 1.47 0.00
RAVENSWOOD___4 23820	37.43 1.74 2.17	34.48 1.26 1.93	33.35 1.21 2.56	33.66 1.22 2.55	34.73 1.18 2.34	36.38 1.27 2.22	45.28 1.82 0.89	51.03 2.08 0.64	41.59 1.78 1.56	34.97 1.59 1.97	32.35 1.63 1.91	29.88 1.61 2.12	29.13 1.32 1.59	29.13 1.29 0.17	25.50 1.26 2.55	25.72 1.37 2.53	30.59 1.47 2.08	43.03 1.89 0.01	55.32 2.53 0.01	66.73 3.12 0.01	61.93 2.90 0.26	50.50 2.40 0.01	41.16 1.95 1.51	36.60 1.65 1.76
RCPL_TRUST___DRP 24196	39.52 1.67 0.00	36.44 1.30 0.00	35.91 1.21 0.00	36.14 1.15 0.00	37.07 1.18 0.00	38.45 1.12 0.00	46.12 1.77 0.00	51.77 2.18 0.00	43.20 1.82 0.00	36.97 1.63 0.00	34.09 1.47 0.00	31.79 1.40 0.00	30.72 1.32 0.00	29.27 1.26 0.00	28.08 1.29 0.00	28.25 1.37 0.00	32.60 1.40 0.00	43.12 1.98 0.00	55.54 2.75 0.00	67.06 3.44 0.00	62.36 3.08 0.00	50.61 2.50 0.00	42.83 2.12 0.00	38.28 1.58 0.00
RED___ROCHESTER 323720	37.51 -0.34 0.00	35.11 -0.04 0.00	34.73 0.03 0.00	35.09 0.11 0.00	36.06 0.18 0.00	37.36 0.04 0.00	43.73 -0.62 0.00	48.14 -1.44 0.00	40.76 -0.62 0.00	34.67 -0.67 0.00	31.94 -0.69 0.00	29.81 -0.58 0.00	28.78 -0.62 0.00	27.34 -0.67 0.00	26.07 -0.72 0.00	26.10 -0.78 0.00	30.42 -0.78 0.00	39.99 -1.15 0.00	51.10 -1.69 0.00	61.59 -2.04 0.00	57.38 -1.90 0.00	46.09 -2.02 0.00	39.21 -1.51 0.00	35.86 -0.84 0.00
REGAN___SOLAR 323812	39.78 1.93 0.00	36.90 1.76 0.00	36.43 1.73 0.00	36.84 1.85 0.00	37.78 1.90 0.00	39.38 2.05 0.00	46.83 2.48 0.00	52.31 2.73 0.00	43.03 1.66 0.00	36.40 1.06 0.00	33.41 0.78 0.00	30.94 0.55 0.00	30.01 0.62 0.00	28.54 0.53 0.00	27.28 0.48 0.00	27.47 0.59 0.00	32.07 0.87 0.00	43.12 1.97 0.00	56.17 3.38 0.00	68.01 4.39 0.00	63.49 4.21 0.00	51.43 3.32 0.00	43.32 2.61 0.00	38.83 2.13 0.00
RENSSELAER___COGEN 23796	38.31 0.46 0.00	35.39 0.25 0.00	34.91 0.21 0.00	35.20 0.21 0.00	36.06 0.18 0.00	37.55 0.23 0.00	44.79 0.44 0.00	50.13 0.55 0.00	41.63 0.25 0.00	35.70 0.35 0.00	32.99 0.36 0.00	30.76 0.37 0.00	29.72 0.32 0.00	28.32 0.31 0.00	27.12 0.32 0.00	27.25 0.38 0.00	31.54 0.34 0.00	41.56 0.41 0.00	53.53 0.74 0.00	64.45 0.82 0.00	60.05 0.77 0.00	48.93 0.82 0.00	41.45 0.73 0.00	37.29 0.59 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.65 2.80 0.00	37.74 2.60 0.00	37.23 2.53 0.00	37.82 2.83 0.00	38.79 2.91 0.00	40.54 3.21 0.00	48.34 3.99 0.00	54.25 4.66 0.00	44.15 2.77 0.00	37.18 1.84 0.00	33.83 1.21 0.00	31.24 0.85 0.00	30.25 0.85 0.00	28.63 0.62 0.00	27.38 0.59 0.00	27.60 0.73 0.00	32.48 1.28 0.00	43.90 2.76 0.00	57.44 4.65 0.00	70.11 6.49 0.00	65.03 5.75 0.00	52.68 4.57 0.00	44.34 3.62 0.00	39.67 2.97 0.00
REVERE_CPFR_DRP 24186	38.95 1.10 0.00	36.20 1.05 0.00	35.77 1.08 0.00	36.14 1.15 0.00	37.10 1.22 0.00	38.63 1.31 0.00	45.68 1.33 0.00	51.17 1.59 0.00	42.62 1.24 0.00	36.23 0.88 0.00	33.21 0.59 0.00	30.82 0.43 0.00	29.75 0.35 0.00	28.29 0.28 0.00	27.04 0.24 0.00	27.20 0.32 0.00	31.79 0.59 0.00	42.26 1.11 0.00	54.54 1.74 0.00	66.04 2.42 0.00	61.53 2.25 0.00	49.74 1.64 0.00	41.85 1.14 0.00	37.69 0.99 0.00
REYNOLDS_115KV_TB3 80639	38.53 0.68 0.00	35.57 0.42 0.00	35.08 0.38 0.00	35.34 0.35 0.00	36.24 0.36 0.00	37.74 0.41 0.00	44.97 0.62 0.00	50.38 0.79 0.00	41.79 0.41 0.00	35.84 0.49 0.00	33.05 0.42 0.00	30.75 0.36 0.00	29.75 0.35 0.00	28.37 0.36 0.00	27.20 0.40 0.00	27.33 0.46 0.00	31.70 0.50 0.00	41.76 0.62 0.00	53.80 1.00 0.00	64.77 1.15 0.00	60.29 1.01 0.00	49.12 1.01 0.00	41.69 0.98 0.00	37.51 0.81 0.00
RIVERBAY____ 323610	39.68 1.82 -0.01	36.59 1.44 -0.01	36.06 1.35 -0.01	36.33 1.33 -0.01	37.21 1.33 0.00	38.60 1.27 0.00	46.25 1.91 0.01	51.91 2.33 0.01	43.27 1.90 0.01	36.96 1.63 0.01	34.09 1.47 0.01	31.78 1.40 0.01	30.68 1.29 0.01	29.26 1.26 0.01	28.05 1.26 0.01	28.24 1.37 0.01	32.60 1.40 0.01	43.11 1.98 0.01	55.53 2.75 0.01	66.74 3.12 0.00	62.18 2.90 0.00	50.70 2.60 0.01	42.91 2.20 0.01	38.31 1.61 0.01
RIVERSDE_115KV_TB3 55908	38.42 0.57 0.00	35.50 0.35 0.00	35.01 0.31 0.00	35.27 0.28 0.00	36.17 0.29 0.00	37.66 0.34 0.00	44.88 0.53 0.00	50.28 0.69 0.00	41.71 0.33 0.00	35.77 0.42 0.00	32.99 0.36 0.00	30.72 0.33 0.00	29.72 0.32 0.00	28.35 0.34 0.00	27.14 0.35 0.00	27.25 0.38 0.00	31.64 0.44 0.00	41.68 0.53 0.00	53.74 0.95 0.00	64.71 1.08 0.00	60.23 0.95 0.00	49.07 0.96 0.00	41.57 0.86 0.00	37.40 0.70 0.00
ROARING___BROOK_WT_PWR 323790	37.25 -0.61 0.00	34.69 -0.46 0.00	34.35 -0.35 0.00	34.67 -0.32 0.00	35.63 -0.25 0.00	37.10 -0.22 0.00	44.08 -0.26 0.00	49.44 -0.15 0.00	41.25 -0.12 0.00	35.24 -0.11 0.00	32.56 -0.07 0.00	30.33 -0.06 0.00	29.34 -0.06 0.00	27.95 -0.06 0.00	26.77 -0.03 0.00	26.82 -0.05 0.00	31.14 -0.06 0.00	41.15 0.00 0.00	52.85 0.05 0.00	63.63 0.00 0.00	59.22 -0.06 0.00	47.96 -0.14 0.00	40.39 -0.33 0.00	36.15 -0.55 0.00

ROCHESRG_115KV_T4 355643	37.13 -0.72 0.00	34.79 -0.35 0.00	34.39 -0.31 0.00	34.78 -0.21 0.00	35.70 -0.18 0.00	37.07 -0.26 0.00	43.55 -0.80 0.00	47.65 -1.93 0.00	40.47 -0.91 0.00	34.42 -0.92 0.00	31.75 -0.88 0.00	29.75 -0.64 0.00	28.57 -0.82 0.00	27.14 -0.87 0.00	25.80 -0.99 0.00	25.94 -0.94 0.00	30.14 -1.06 0.00	39.58 -1.56 0.00	50.47 -2.32 0.00	60.83 -2.80 0.00	56.73 -2.55 0.00	45.56 -2.55 0.00	38.76 -1.95 0.00	35.49 -1.21 0.00
ROCHESTER_9_IC 23652	37.32 -0.53 0.00	34.97 -0.18 0.00	34.56 -0.14 0.00	34.95 -0.03 0.00	35.88 0.00 0.00	37.25 -0.07 0.00	43.77 -0.58 0.00	47.95 -1.64 0.00	40.67 -0.70 0.00	34.60 -0.74 0.00	31.91 -0.72 0.00	29.90 -0.49 0.00	28.72 -0.68 0.00	27.28 -0.73 0.00	25.91 -0.88 0.00	26.04 -0.83 0.00	30.30 -0.90 0.00	39.79 -1.36 0.00	50.79 -2.01 0.00	61.21 -2.42 0.00	57.09 -2.19 0.00	45.85 -2.26 0.00	38.96 -1.75 0.00	35.71 -0.99 0.00
ROCKVIEW_13_KV_LD 356306	39.40 1.55 0.00	36.34 1.19 0.00	35.81 1.11 0.00	36.04 1.05 0.00	36.96 1.08 0.00	38.37 1.05 0.00	45.99 1.64 0.00	51.62 2.03 0.00	42.99 1.61 0.00	36.76 1.41 0.00	33.93 1.31 0.00	31.61 1.22 0.00	30.54 1.15 0.00	29.10 1.09 0.00	27.89 1.10 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.96 1.81 0.00	55.27 2.48 0.00	66.68 3.05 0.00	62.07 2.79 0.00	50.47 2.36 0.00	42.71 2.00 0.00	38.21 1.50 0.00
ROME____115KV_TB2 80656	38.95 1.10 0.00	36.20 1.05 0.00	35.77 1.08 0.00	36.14 1.15 0.00	37.10 1.22 0.00	38.63 1.31 0.00	45.68 1.33 0.00	51.17 1.59 0.00	42.62 1.24 0.00	36.23 0.88 0.00	33.21 0.59 0.00	30.82 0.43 0.00	29.75 0.35 0.00	28.29 0.28 0.00	27.04 0.24 0.00	27.20 0.32 0.00	31.79 0.59 0.00	42.26 1.11 0.00	54.54 1.74 0.00	66.04 2.42 0.00	61.53 2.25 0.00	49.74 1.64 0.00	41.85 1.14 0.00	37.69 0.99 0.00
ROSETON___1 23587	38.95 1.10 0.00	35.95 0.81 0.00	35.46 0.76 0.00	35.73 0.74 0.00	36.60 0.72 0.00	38.11 0.79 0.00	45.59 1.24 0.00	51.02 1.44 0.00	42.54 1.16 0.00	36.37 1.03 0.00	33.60 0.98 0.00	31.33 0.94 0.00	30.22 0.82 0.00	28.82 0.81 0.00	27.63 0.83 0.00	27.79 0.91 0.00	32.07 0.87 0.00	42.38 1.23 0.00	54.48 1.69 0.00	65.79 2.16 0.00	61.30 2.02 0.00	49.79 1.68 0.00	42.14 1.42 0.00	37.80 1.10 0.00
ROSETON___2 23588	38.95 1.10 0.00	35.95 0.81 0.00	35.46 0.76 0.00	35.73 0.74 0.00	36.60 0.72 0.00	38.11 0.79 0.00	45.59 1.24 0.00	51.02 1.44 0.00	42.54 1.16 0.00	36.37 1.03 0.00	33.60 0.98 0.00	31.33 0.94 0.00	30.22 0.82 0.00	28.82 0.81 0.00	27.63 0.83 0.00	27.79 0.91 0.00	32.07 0.87 0.00	42.38 1.23 0.00	54.48 1.69 0.00	65.79 2.16 0.00	61.30 2.02 0.00	49.79 1.68 0.00	42.14 1.42 0.00	37.80 1.10 0.00
ROTRRDAM_115KV_TB3 80664	38.72 0.87 0.00	35.85 0.70 0.00	35.36 0.66 0.00	35.69 0.70 0.00	36.56 0.68 0.00	38.07 0.75 0.00	45.37 1.02 0.00	50.77 1.19 0.00	42.16 0.79 0.00	35.94 0.60 0.00	33.12 0.49 0.00	30.78 0.40 0.00	29.84 0.44 0.00	28.40 0.39 0.00	27.20 0.40 0.00	27.31 0.43 0.00	31.73 0.53 0.00	42.01 0.86 0.00	54.17 1.37 0.00	65.34 1.72 0.00	60.82 1.54 0.00	49.46 1.35 0.00	41.85 1.14 0.00	37.62 0.92 0.00
RUSSELL___1 23602	37.51 -0.34 0.00	35.11 -0.04 0.00	34.73 0.03 0.00	35.13 0.14 0.00	36.06 0.18 0.00	37.44 0.11 0.00	43.95 -0.40 0.00	48.15 -1.44 0.00	40.84 -0.54 0.00	34.78 -0.57 0.00	32.07 -0.55 0.00	30.03 -0.36 0.00	28.84 -0.56 0.00	27.39 -0.62 0.00	26.02 -0.78 0.00	26.15 -0.73 0.00	30.42 -0.78 0.00	39.99 -1.15 0.00	51.05 -1.74 0.00	61.59 -2.04 0.00	57.44 -1.84 0.00	46.09 -2.02 0.00	39.17 -1.55 0.00	35.86 -0.84 0.00
RUSSELL___2 23532	37.51 -0.34 0.00	35.11 -0.04 0.00	34.73 0.03 0.00	35.13 0.14 0.00	36.06 0.18 0.00	37.44 0.11 0.00	43.95 -0.40 0.00	48.15 -1.44 0.00	40.84 -0.54 0.00	34.78 -0.57 0.00	32.07 -0.55 0.00	30.03 -0.36 0.00	28.84 -0.56 0.00	27.39 -0.62 0.00	26.02 -0.78 0.00	26.15 -0.73 0.00	30.42 -0.78 0.00	39.99 -1.15 0.00	51.05 -1.74 0.00	61.59 -2.04 0.00	57.44 -1.84 0.00	46.09 -2.02 0.00	39.17 -1.55 0.00	35.86 -0.84 0.00
RUSSELL___3 23549	37.51 -0.34 0.00	35.11 -0.04 0.00	34.73 0.03 0.00	35.13 0.14 0.00	36.06 0.18 0.00	37.44 0.11 0.00	43.95 -0.40 0.00	48.15 -1.44 0.00	40.84 -0.54 0.00	34.78 -0.57 0.00	32.07 -0.55 0.00	30.03 -0.36 0.00	28.84 -0.56 0.00	27.39 -0.62 0.00	26.02 -0.78 0.00	26.15 -0.73 0.00	30.42 -0.78 0.00	39.99 -1.15 0.00	51.05 -1.74 0.00	61.59 -2.04 0.00	57.44 -1.84 0.00	46.09 -2.02 0.00	39.17 -1.55 0.00	35.86 -0.84 0.00
RUSSELL___4 23556	37.51 -0.34 0.00	35.11 -0.04 0.00	34.73 0.03 0.00	35.13 0.14 0.00	36.06 0.18 0.00	37.44 0.11 0.00	43.95 -0.40 0.00	48.15 -1.44 0.00	40.84 -0.54 0.00	34.78 -0.57 0.00	32.07 -0.55 0.00	30.03 -0.36 0.00	28.84 -0.56 0.00	27.39 -0.62 0.00	26.02 -0.78 0.00	26.15 -0.73 0.00	30.42 -0.78 0.00	39.99 -1.15 0.00	51.05 -1.74 0.00	61.59 -2.04 0.00	57.44 -1.84 0.00	46.09 -2.02 0.00	39.17 -1.55 0.00	35.86 -0.84 0.00
RUSSELL___STATION 23914	37.51 -0.34 0.00	35.11 -0.04 0.00	34.73 0.03 0.00	35.13 0.14 0.00	36.06 0.18 0.00	37.44 0.11 0.00	43.95 -0.40 0.00	48.15 -1.44 0.00	40.84 -0.54 0.00	34.78 -0.57 0.00	32.07 -0.55 0.00	30.03 -0.36 0.00	28.84 -0.56 0.00	27.39 -0.62 0.00	26.02 -0.78 0.00	26.15 -0.73 0.00	30.42 -0.78 0.00	39.99 -1.15 0.00	51.05 -1.74 0.00	61.59 -2.04 0.00	57.44 -1.84 0.00	46.09 -2.02 0.00	39.17 -1.55 0.00	35.86 -0.84 0.00
S SALMON___HYD 24043	37.55 -0.30 0.00	34.93 -0.21 0.00	34.53 -0.17 0.00	34.85 -0.14 0.00	35.78 -0.11 0.00	37.18 -0.15 0.00	44.04 -0.31 0.00	49.19 -0.40 0.00	41.05 -0.33 0.00	34.96 -0.39 0.00	32.10 -0.52 0.00	29.84 -0.55 0.00	28.81 -0.59 0.00	27.39 -0.62 0.00	26.18 -0.62 0.00	26.29 -0.59 0.00	30.70 -0.50 0.00	40.61 -0.54 0.00	52.21 -0.58 0.00	63.25 -0.38 0.00	58.93 -0.35 0.00	47.63 -0.48 0.00	40.14 -0.57 0.00	36.19 -0.51 0.00
S.PERRY__115KV_TB1 80734	38.27 0.42 0.00	35.92 0.77 0.00	35.60 0.90 0.00	36.11 1.12 0.00	37.10 1.22 0.00	38.56 1.23 0.00	45.41 1.06 0.00	49.53 -0.05 0.00	41.71 0.33 0.00	35.20 -0.14 0.00	32.23 -0.39 0.00	30.09 -0.30 0.00	28.84 -0.56 0.00	27.34 -0.67 0.00	26.02 -0.78 0.00	26.21 -0.67 0.00	30.61 -0.59 0.00	40.53 -0.62 0.00	52.32 -0.48 0.00	63.69 0.06 0.00	59.40 0.12 0.00	47.34 -0.77 0.00	40.02 -0.69 0.00	36.55 -0.15 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.98 -0.87 0.00	34.76 -0.39 0.00	34.46 -0.24 0.00	34.85 -0.14 0.00	35.74 -0.14 0.00	37.10 -0.22 0.00	43.33 -1.02 0.00	46.76 -2.83 0.00	40.39 -0.99 0.00	34.07 -1.27 0.00	31.52 -1.11 0.00	29.72 -0.67 0.00	28.43 -0.97 0.00	26.92 -1.09 0.00	25.56 -1.23 0.00	25.67 -1.21 0.00	29.83 -1.37 0.00	38.88 -2.26 0.00	49.31 -3.48 0.00	59.36 -4.26 0.00	55.19 -4.09 0.00	44.12 -3.99 0.00	37.74 -2.97 0.00	35.01 -1.69 0.00

SAWYER___23_KV_LOAD 55526	36.98 -0.87 0.00	34.76 -0.39 0.00	34.46 -0.24 0.00	34.85 -0.14 0.00	35.74 -0.14 0.00	37.10 -0.22 0.00	43.33 -1.02 0.00	46.76 -2.83 0.00	40.39 -0.99 0.00	34.07 -1.27 0.00	31.52 -1.11 0.00	29.72 -0.67 0.00	28.43 -0.97 0.00	26.92 -1.09 0.00	25.56 -1.23 0.00	25.67 -1.21 0.00	29.83 -1.37 0.00	38.88 -2.26 0.00	49.31 -3.48 0.00	59.36 -4.26 0.00	55.19 -4.09 0.00	44.12 -3.99 0.00	37.74 -2.97 0.00	35.01 -1.69 0.00
SELKIRK___I 23801	38.57 0.72 0.00	35.70 0.56 0.00	35.22 0.52 0.00	35.55 0.56 0.00	36.42 0.54 0.00	37.92 0.60 0.00	45.19 0.84 0.00	50.52 0.94 0.00	41.83 0.46 0.00	35.70 0.35 0.00	32.95 0.33 0.00	30.66 0.27 0.00	29.66 0.26 0.00	28.29 0.28 0.00	27.09 0.30 0.00	27.17 0.30 0.00	31.51 0.31 0.00	41.68 0.53 0.00	53.79 1.00 0.00	64.83 1.21 0.00	60.46 1.19 0.00	49.22 1.11 0.00	41.69 0.98 0.00	37.51 0.81 0.00
SELKIRK___II 23799	38.42 0.57 0.00	35.53 0.39 0.00	35.05 0.35 0.00	35.34 0.35 0.00	36.21 0.32 0.00	37.70 0.37 0.00	44.97 0.62 0.00	50.28 0.69 0.00	41.79 0.41 0.00	35.77 0.43 0.00	33.05 0.42 0.00	30.78 0.39 0.00	29.78 0.38 0.00	28.37 0.36 0.00	27.17 0.37 0.00	27.28 0.40 0.00	31.58 0.38 0.00	41.64 0.50 0.00	53.64 0.84 0.00	64.58 0.96 0.00	60.23 0.95 0.00	48.98 0.87 0.00	41.49 0.77 0.00	37.36 0.66 0.00
SENECA OSWGO___HYD 24041	37.40 -0.45 0.00	34.79 -0.35 0.00	34.39 -0.31 0.00	34.71 -0.28 0.00	35.59 -0.29 0.00	36.95 -0.37 0.00	43.77 -0.58 0.00	48.79 -0.80 0.00	40.80 -0.58 0.00	34.85 -0.49 0.00	32.10 -0.52 0.00	29.87 -0.52 0.00	28.90 -0.50 0.00	27.51 -0.50 0.00	26.23 -0.56 0.00	26.34 -0.54 0.00	30.67 -0.53 0.00	40.32 -0.82 0.00	51.53 -1.27 0.00	62.23 -1.40 0.00	57.98 -1.30 0.00	46.91 -1.20 0.00	39.70 -1.02 0.00	35.89 -0.81 0.00
SENECA___115KV_TB3 355854	37.51 -0.34 0.00	35.28 0.14 0.00	34.98 0.28 0.00	35.37 0.38 0.00	36.28 0.39 0.00	37.66 0.34 0.00	43.99 -0.35 0.00	47.60 -1.98 0.00	41.13 -0.25 0.00	34.67 -0.67 0.00	32.07 -0.55 0.00	30.21 -0.18 0.00	28.93 -0.47 0.00	27.36 -0.64 0.00	25.96 -0.83 0.00	26.10 -0.78 0.00	30.33 -0.87 0.00	39.54 -1.60 0.00	50.21 -2.59 0.00	60.44 -3.18 0.00	56.20 -3.08 0.00	44.84 -3.27 0.00	38.31 -2.40 0.00	35.49 -1.21 0.00
SENECA___ENERGY 23797	37.74 -0.11 0.00	35.21 0.07 0.00	34.84 0.14 0.00	35.16 0.18 0.00	36.10 0.22 0.00	37.51 0.19 0.00	44.35 0.00 0.00	49.24 -0.34 0.00	41.30 -0.08 0.00	35.13 -0.21 0.00	32.30 -0.33 0.00	30.09 -0.30 0.00	29.04 -0.35 0.00	27.62 -0.39 0.00	26.34 -0.46 0.00	26.45 -0.43 0.00	30.86 -0.34 0.00	40.69 -0.45 0.00	52.11 -0.69 0.00	62.86 -0.76 0.00	58.45 -0.83 0.00	47.19 -0.92 0.00	39.94 -0.77 0.00	36.22 -0.48 0.00
SHOEMAKER___GT 23640	38.76 0.91 0.00	35.85 0.70 0.00	35.36 0.66 0.00	35.62 0.63 0.00	36.49 0.61 0.00	38.00 0.67 0.00	45.37 1.02 0.00	50.73 1.14 0.00	42.33 0.95 0.00	36.12 0.78 0.00	33.34 0.72 0.00	31.06 0.67 0.00	29.98 0.59 0.00	28.60 0.59 0.00	27.38 0.59 0.00	27.55 0.67 0.00	31.86 0.66 0.00	42.13 0.99 0.00	54.11 1.32 0.00	65.47 1.85 0.00	60.94 1.66 0.00	49.45 1.35 0.00	41.85 1.14 0.00	37.58 0.88 0.00
SHOEMAKR_138KV_BK 111 55601	38.76 0.91 0.00	35.81 0.67 0.00	35.32 0.62 0.00	35.58 0.59 0.00	36.49 0.61 0.00	37.92 0.60 0.00	45.28 0.93 0.00	50.72 1.14 0.00	42.29 0.91 0.00	36.09 0.74 0.00	33.25 0.62 0.00	30.97 0.58 0.00	29.92 0.53 0.00	28.54 0.53 0.00	27.38 0.59 0.00	27.50 0.62 0.00	31.82 0.62 0.00	42.13 0.99 0.00	54.11 1.32 0.00	65.41 1.78 0.00	60.88 1.60 0.00	49.46 1.35 0.00	41.90 1.18 0.00	37.58 0.88 0.00
SHOREHAM_IC_1 23715	39.03 1.17 0.00	35.57 0.42 0.00	35.08 0.38 0.00	35.09 0.11 0.00	36.17 0.29 0.00	37.62 0.30 0.00	45.94 1.59 0.00	50.43 0.84 0.00	41.71 0.33 0.00	35.51 0.18 0.01	32.82 0.20 0.01	30.47 0.09 0.01	29.33 -0.06 0.01	28.11 0.11 0.01	27.22 0.43 0.00	27.71 0.83 0.00	31.60 0.40 0.00	42.01 0.87 0.00	54.48 1.69 0.00	66.17 2.55 0.00	61.59 2.31 0.00	50.66 2.55 0.00	42.67 1.95 0.00	38.02 1.32 0.00
SHOREHAM_IC_2 23716	39.03 1.17 0.00	35.57 0.42 0.00	35.08 0.38 0.00	35.09 0.11 0.00	36.17 0.29 0.00	37.62 0.30 0.00	45.94 1.59 0.00	50.43 0.84 0.00	41.71 0.33 0.00	35.51 0.18 0.01	32.82 0.20 0.01	30.47 0.09 0.01	29.33 -0.06 0.01	28.11 0.11 0.01	27.22 0.43 0.00	27.71 0.83 0.00	31.60 0.40 0.00	42.01 0.87 0.00	54.48 1.69 0.00	66.17 2.55 0.00	61.59 2.31 0.00	50.66 2.55 0.00	42.67 1.95 0.00	38.02 1.32 0.00
SISSONVILLE____ 23735	43.37 -1.02 -6.54	40.45 -0.84 -6.14	39.95 -0.80 -6.05	40.23 -0.84 -6.09	41.29 -0.79 -6.20	42.02 -0.75 -5.44	43.24 -1.11 0.00	48.79 -0.79 0.00	40.63 -0.74 0.00	34.50 -0.85 0.00	31.97 -0.65 0.00	29.75 -0.64 0.00	28.75 -0.65 0.00	27.42 -0.59 0.00	26.23 -0.56 0.00	26.18 -0.70 0.00	30.51 -0.69 0.00	40.57 -0.58 0.00	52.42 -0.37 0.00	63.18 -0.45 0.00	58.92 -0.36 0.00	48.06 -0.05 0.00	40.43 -0.28 0.00	36.37 -0.33 0.00
SITHE_IND_GS1 24169	37.02 -0.83 0.00	34.44 -0.70 0.00	34.04 -0.66 0.00	34.32 -0.67 0.00	35.20 -0.68 0.00	36.58 -0.75 0.00	43.33 -1.02 0.00	48.29 -1.29 0.00	40.43 -0.95 0.00	34.57 -0.78 0.00	31.88 -0.75 0.00	29.69 -0.70 0.00	28.72 -0.67 0.00	27.34 -0.67 0.00	26.13 -0.67 0.00	26.21 -0.67 0.00	30.48 -0.72 0.00	39.99 -1.15 0.00	51.05 -1.74 0.00	61.53 -2.10 0.00	57.33 -1.95 0.00	46.42 -1.69 0.00	39.33 -1.38 0.00	35.56 -1.14 0.00
SITHE_IND_GS2 24170	37.02 -0.83 0.00	34.44 -0.70 0.00	34.04 -0.66 0.00	34.32 -0.67 0.00	35.20 -0.68 0.00	36.58 -0.75 0.00	43.33 -1.02 0.00	48.29 -1.29 0.00	40.43 -0.95 0.00	34.57 -0.78 0.00	31.88 -0.75 0.00	29.69 -0.70 0.00	28.72 -0.67 0.00	27.34 -0.67 0.00	26.13 -0.67 0.00	26.21 -0.67 0.00	30.48 -0.72 0.00	39.99 -1.15 0.00	51.05 -1.74 0.00	61.53 -2.10 0.00	57.33 -1.95 0.00	46.42 -1.69 0.00	39.33 -1.38 0.00	35.56 -1.14 0.00
SITHE_IND_GS3 24171	37.02 -0.83 0.00	34.44 -0.70 0.00	34.04 -0.66 0.00	34.32 -0.67 0.00	35.20 -0.68 0.00	36.58 -0.75 0.00	43.33 -1.02 0.00	48.29 -1.29 0.00	40.43 -0.95 0.00	34.57 -0.78 0.00	31.88 -0.75 0.00	29.69 -0.70 0.00	28.72 -0.67 0.00	27.34 -0.67 0.00	26.13 -0.67 0.00	26.21 -0.67 0.00	30.48 -0.72 0.00	39.99 -1.15 0.00	51.05 -1.74 0.00	61.53 -2.10 0.00	57.33 -1.95 0.00	46.42 -1.69 0.00	39.33 -1.38 0.00	35.56 -1.14 0.00
SITHE_IND_GS4 24172	37.02 -0.83 0.00	34.44 -0.70 0.00	34.04 -0.66 0.00	34.32 -0.67 0.00	35.20 -0.68 0.00	36.58 -0.75 0.00	43.33 -1.02 0.00	48.29 -1.29 0.00	40.43 -0.95 0.00	34.57 -0.78 0.00	31.88 -0.75 0.00	29.69 -0.70 0.00	28.72 -0.67 0.00	27.34 -0.67 0.00	26.13 -0.67 0.00	26.21 -0.67 0.00	30.48 -0.72 0.00	39.99 -1.15 0.00	51.05 -1.74 0.00	61.53 -2.10 0.00	57.33 -1.95 0.00	46.42 -1.69 0.00	39.33 -1.38 0.00	35.56 -1.14 0.00

SITHE___BATAVIA 24024	37.74 -0.11 0.00	35.42 0.28 0.00	35.08 0.38 0.00	35.51 0.53 0.00	36.53 0.65 0.00	37.81 0.48 0.00	43.95 -0.40 0.00	48.05 -1.54 0.00	40.88 -0.49 0.00	34.60 -0.74 0.00	31.81 -0.81 0.00	29.75 -0.64 0.00	28.66 -0.73 0.00	27.17 -0.84 0.00	25.91 -0.88 0.00	25.91 -0.97 0.00	30.23 -0.97 0.00	39.79 -1.36 0.00	50.89 -1.90 0.00	61.40 -2.23 0.00	57.15 -2.13 0.00	45.70 -2.40 0.00	39.01 -1.71 0.00	35.93 -0.77 0.00
SITHE___INDEPEND 23800	37.02 -0.83 0.00	34.44 -0.70 0.00	34.04 -0.66 0.00	34.36 -0.63 0.00	35.20 -0.68 0.00	36.58 -0.75 0.00	43.37 -0.98 0.00	48.30 -1.29 0.00	40.43 -0.95 0.00	34.60 -0.74 0.00	31.97 -0.65 0.00	29.81 -0.58 0.00	28.78 -0.62 0.00	27.42 -0.59 0.00	26.18 -0.62 0.00	26.29 -0.59 0.00	30.48 -0.72 0.00	39.99 -1.15 0.00	51.05 -1.74 0.00	61.53 -2.10 0.00	57.32 -1.96 0.00	46.42 -1.68 0.00	39.29 -1.43 0.00	35.56 -1.14 0.00
SITHE___MASSENA 23902	39.17 -0.19 -1.51	36.49 -0.07 -1.42	36.03 -0.07 -1.40	36.32 -0.07 -1.40	37.24 -0.07 -1.43	38.58 0.00 -1.25	44.17 -0.18 0.00	49.68 0.10 0.00	41.38 0.00 0.00	35.24 -0.11 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.43 0.03 0.00	28.07 0.06 0.00	26.85 0.05 0.00	26.85 -0.03 0.00	31.23 0.03 0.00	41.35 0.21 0.00	53.27 0.47 0.00	64.07 0.45 0.00	59.70 0.42 0.00	48.59 0.48 0.00	41.04 0.32 0.00	36.99 0.29 0.00
SITHE___OGDNSBRG 24021	42.51 0.08 -4.59	39.66 0.21 -4.31	39.19 0.24 -4.25	39.47 0.21 -4.27	40.52 0.29 -4.35	41.51 0.37 -3.81	44.44 0.09 0.00	50.08 0.50 0.00	41.54 0.17 0.00	35.24 -0.11 0.00	32.59 -0.03 0.00	30.33 -0.06 0.00	29.28 -0.12 0.00	27.92 -0.08 0.00	26.71 -0.08 0.00	26.72 -0.16 0.00	31.17 -0.03 0.00	41.56 0.41 0.00	53.80 1.00 0.00	64.90 1.27 0.00	60.52 1.24 0.00	49.21 1.11 0.00	41.45 0.73 0.00	37.32 0.62 0.00
SITHE___STERLING 23777	38.76 0.91 0.00	36.02 0.88 0.00	35.60 0.90 0.00	35.97 0.98 0.00	36.89 1.00 0.00	38.37 1.04 0.00	45.46 1.11 0.00	50.87 1.29 0.00	42.37 0.99 0.00	36.05 0.71 0.00	33.08 0.46 0.00	30.72 0.33 0.00	29.69 0.29 0.00	28.23 0.22 0.00	26.98 0.19 0.00	27.12 0.24 0.00	31.67 0.47 0.00	41.97 0.82 0.00	54.06 1.26 0.00	65.40 1.78 0.00	60.94 1.66 0.00	49.26 1.15 0.00	41.57 0.86 0.00	37.47 0.77 0.00
SLEIGHT__34_KV_TB1 80719	37.44 -0.42 0.00	35.00 -0.14 0.00	34.59 -0.10 0.00	34.99 0.00 0.00	35.88 0.00 0.00	37.29 -0.04 0.00	43.99 -0.35 0.00	48.49 -1.09 0.00	40.92 -0.46 0.00	34.85 -0.49 0.00	32.10 -0.52 0.00	29.96 -0.43 0.00	28.84 -0.56 0.00	27.39 -0.62 0.00	26.04 -0.75 0.00	26.18 -0.70 0.00	30.48 -0.72 0.00	40.20 -0.95 0.00	51.37 -1.43 0.00	61.97 -1.65 0.00	57.74 -1.54 0.00	46.47 -1.64 0.00	39.37 -1.34 0.00	35.89 -0.81 0.00
SOUTH CAIRO___GT 23612	39.56 1.70 0.00	36.59 1.44 0.00	36.09 1.39 0.00	36.46 1.47 0.00	37.35 1.47 0.00	38.97 1.64 0.00	46.52 2.17 0.00	51.96 2.38 0.00	42.78 1.41 0.00	36.30 0.95 0.00	33.25 0.62 0.00	30.85 0.46 0.00	29.78 0.38 0.00	28.37 0.36 0.00	27.25 0.46 0.00	27.36 0.48 0.00	31.86 0.66 0.00	42.59 1.44 0.00	55.33 2.53 0.00	67.00 3.37 0.00	62.36 3.08 0.00	50.51 2.41 0.00	42.83 2.12 0.00	38.50 1.80 0.00
SOUTH HAMPTN___IC 23720	39.21 1.36 0.00	35.78 0.63 0.00	35.32 0.63 0.00	35.34 0.35 0.00	36.42 0.54 0.00	37.89 0.56 0.00	46.21 1.86 0.00	50.77 1.19 0.00	42.04 0.66 0.00	35.73 0.39 0.01	32.94 0.33 0.01	30.60 0.21 0.01	29.42 0.03 0.01	28.20 0.20 0.01	27.30 0.51 0.00	27.76 0.89 0.00	31.73 0.53 0.00	42.26 1.11 0.00	54.85 2.06 0.00	66.68 3.05 0.00	62.13 2.85 0.00	51.19 3.08 0.00	43.16 2.44 0.00	38.46 1.76 0.00
SOUTHDOW_115KV_TB1 355954	38.76 0.91 0.00	36.55 1.41 0.00	36.26 1.56 0.00	36.77 1.78 0.00	37.75 1.87 0.00	39.23 1.90 0.00	45.99 1.64 0.00	50.18 0.60 0.00	43.36 1.99 0.00	36.51 1.17 0.00	33.77 1.14 0.00	31.70 1.31 0.00	30.34 0.94 0.00	28.65 0.64 0.00	27.20 0.40 0.00	27.25 0.38 0.00	31.61 0.41 0.00	41.19 0.04 0.00	52.27 -0.53 0.00	62.86 -0.76 0.00	57.98 -1.30 0.00	45.99 -2.12 0.00	38.96 -1.75 0.00	35.89 -0.81 0.00
SOUTHOLD_69_KV_BK 2 55809	39.29 1.44 0.00	35.74 0.60 0.00	35.25 0.56 0.00	35.37 0.38 0.00	36.53 0.65 0.00	37.96 0.63 0.00	46.08 1.73 0.00	51.02 1.44 0.00	42.04 0.66 0.00	35.70 0.35 0.00	32.56 -0.07 0.00	30.21 -0.18 0.00	29.13 -0.26 0.00	27.95 -0.06 0.00	27.09 0.29 0.00	27.82 0.94 0.00	31.89 0.69 0.00	42.13 0.99 0.00	54.85 2.06 0.00	66.74 3.12 0.00	62.18 2.90 0.00	51.43 3.32 0.00	43.56 2.85 0.00	38.90 2.20 0.00
SOUTHOLD___IC 23719	39.18 1.32 0.00	35.74 0.60 0.00	35.29 0.59 0.00	35.30 0.31 0.00	36.46 0.57 0.00	37.85 0.52 0.00	46.21 1.86 0.00	50.82 1.24 0.00	42.08 0.70 0.00	35.69 0.35 0.01	32.72 0.10 0.01	30.38 0.00 0.01	29.21 -0.18 0.01	28.03 0.03 0.01	27.14 0.35 0.00	27.63 0.75 0.00	31.60 0.40 0.00	42.18 1.03 0.00	54.85 2.06 0.00	66.81 3.18 0.00	62.42 3.14 0.00	51.62 3.51 0.00	43.52 2.81 0.00	38.90 2.20 0.00
SOUTH_FORK_WT_PWR 323839	38.76 0.91 0.00	35.39 0.25 0.00	34.94 0.24 0.00	34.92 -0.07 0.00	36.06 0.18 0.00	37.48 0.15 0.00	45.77 1.42 0.00	50.33 0.74 0.00	41.67 0.29 0.00	35.34 0.00 0.01	32.29 -0.33 0.01	29.96 -0.43 0.01	28.80 -0.59 0.01	27.67 -0.33 0.01	26.82 0.03 0.00	27.31 0.43 0.00	31.20 0.00 0.00	41.68 0.53 0.00	54.22 1.43 0.00	66.10 2.48 0.00	61.83 2.55 0.00	51.33 3.22 0.00	43.32 2.61 0.00	38.83 2.13 0.00
SPIERFLS_115KV_TB 1 80737	39.67 1.82 0.00	36.76 1.62 0.00	36.26 1.56 0.00	36.70 1.71 0.00	37.64 1.76 0.00	39.27 1.94 0.00	46.83 2.48 0.00	52.51 2.93 0.00	43.12 1.74 0.00	36.55 1.20 0.00	33.41 0.78 0.00	30.97 0.58 0.00	29.95 0.56 0.00	28.46 0.45 0.00	27.22 0.43 0.00	27.42 0.54 0.00	32.07 0.87 0.00	42.92 1.77 0.00	55.70 2.90 0.00	67.51 3.88 0.00	62.78 3.50 0.00	50.95 2.84 0.00	43.04 2.32 0.00	38.57 1.87 0.00
ST LAWRENCE____ 23600	37.40 -0.45 0.00	34.79 -0.35 0.00	34.39 -0.31 0.00	34.64 -0.35 0.00	35.56 -0.32 0.00	37.03 -0.30 0.00	43.91 -0.44 0.00	49.29 -0.30 0.00	41.09 -0.29 0.00	35.03 -0.32 0.00	32.46 -0.16 0.00	30.24 -0.15 0.00	29.25 -0.15 0.00	27.90 -0.11 0.00	26.71 -0.08 0.00	26.74 -0.13 0.00	31.08 -0.12 0.00	41.06 -0.08 0.00	52.85 0.05 0.00	63.56 -0.06 0.00	59.22 -0.06 0.00	48.16 0.05 0.00	40.71 0.00 0.00	36.70 0.00 0.00
STATE_CA_115KV_115_LB 55624	38.42 0.57 0.00	35.53 0.39 0.00	35.05 0.35 0.00	35.34 0.35 0.00	36.21 0.32 0.00	37.70 0.37 0.00	44.93 0.58 0.00	50.33 0.74 0.00	41.75 0.37 0.00	35.77 0.42 0.00	32.99 0.36 0.00	30.72 0.33 0.00	29.72 0.32 0.00	28.35 0.34 0.00	27.14 0.35 0.00	27.25 0.38 0.00	31.64 0.44 0.00	41.72 0.58 0.00	53.80 1.00 0.00	64.83 1.21 0.00	60.35 1.07 0.00	49.12 1.01 0.00	41.61 0.90 0.00	37.44 0.73 0.00

STATE_ST_34_KV_LOAD 55959	38.04 0.19 0.00	35.50 0.35 0.00	35.08 0.38 0.00	35.37 0.38 0.00	36.28 0.39 0.00	37.74 0.41 0.00	44.75 0.40 0.00	49.73 0.15 0.00	41.71 0.33 0.00	35.59 0.25 0.00	32.76 0.13 0.00	30.51 0.12 0.00	29.43 0.03 0.00	27.98 -0.03 0.00	26.69 -0.11 0.00	26.82 -0.05 0.00	31.23 0.03 0.00	41.23 0.08 0.00	52.74 -0.05 0.00	63.69 0.06 0.00	59.28 0.00 0.00	47.87 -0.24 0.00	40.43 -0.28 0.00	36.59 -0.11 0.00
STATION 5_MISC_HYD 23604	37.36 -0.49 0.00	34.97 -0.17 0.00	34.56 -0.14 0.00	34.95 -0.03 0.00	35.92 0.04 0.00	37.18 -0.15 0.00	43.50 -0.84 0.00	47.95 -1.64 0.00	40.55 -0.83 0.00	34.53 -0.81 0.00	31.78 -0.85 0.00	29.69 -0.70 0.00	28.66 -0.73 0.00	27.22 -0.78 0.00	25.96 -0.83 0.00	25.99 -0.89 0.00	30.26 -0.94 0.00	39.79 -1.36 0.00	50.79 -2.01 0.00	61.21 -2.42 0.00	57.03 -2.25 0.00	45.85 -2.26 0.00	39.01 -1.71 0.00	35.71 -0.99 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.93 0.08 0.00	35.46 0.32 0.00	35.05 0.35 0.00	35.44 0.45 0.00	36.39 0.50 0.00	37.81 0.49 0.00	44.61 0.27 0.00	49.24 -0.35 0.00	41.46 0.08 0.00	35.34 0.00 0.00	32.53 -0.10 0.00	30.36 -0.03 0.00	29.19 -0.21 0.00	27.76 -0.25 0.00	26.37 -0.43 0.00	26.50 -0.38 0.00	30.86 -0.34 0.00	40.74 -0.41 0.00	52.16 -0.63 0.00	62.93 -0.70 0.00	58.63 -0.65 0.00	47.15 -0.96 0.00	39.90 -0.81 0.00	36.33 -0.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.17 -0.68 0.00	34.79 -0.35 0.00	34.39 -0.31 0.00	34.78 -0.21 0.00	35.70 -0.18 0.00	37.07 -0.26 0.00	43.59 -0.75 0.00	47.80 -1.79 0.00	40.47 -0.91 0.00	34.50 -0.85 0.00	31.81 -0.82 0.00	29.78 -0.61 0.00	28.60 -0.79 0.00	27.17 -0.84 0.00	25.83 -0.96 0.00	25.96 -0.91 0.00	30.17 -1.03 0.00	39.67 -1.48 0.00	50.63 -2.16 0.00	61.02 -2.61 0.00	56.97 -2.31 0.00	45.70 -2.41 0.00	38.84 -1.87 0.00	35.56 -1.14 0.00
STA_56___34_KV_BUS2 355983	37.17 -0.68 0.00	34.79 -0.35 0.00	34.39 -0.31 0.00	34.78 -0.21 0.00	35.70 -0.18 0.00	37.07 -0.26 0.00	43.59 -0.75 0.00	47.80 -1.79 0.00	40.47 -0.91 0.00	34.50 -0.85 0.00	31.81 -0.82 0.00	29.78 -0.61 0.00	28.60 -0.79 0.00	27.17 -0.84 0.00	25.83 -0.96 0.00	25.96 -0.91 0.00	30.17 -1.03 0.00	39.67 -1.48 0.00	50.63 -2.16 0.00	61.02 -2.61 0.00	56.97 -2.31 0.00	45.70 -2.41 0.00	38.84 -1.87 0.00	35.56 -1.14 0.00
STA_67___115KV_BK2 355882	37.25 -0.61 0.00	34.90 -0.25 0.00	34.49 -0.21 0.00	34.88 -0.10 0.00	35.81 -0.07 0.00	37.18 -0.15 0.00	43.68 -0.67 0.00	47.80 -1.79 0.00	40.59 -0.79 0.00	34.53 -0.81 0.00	31.84 -0.78 0.00	29.84 -0.55 0.00	28.66 -0.73 0.00	27.22 -0.78 0.00	25.86 -0.94 0.00	25.99 -0.89 0.00	30.23 -0.97 0.00	39.71 -1.44 0.00	50.63 -2.16 0.00	61.08 -2.55 0.00	56.97 -2.31 0.00	45.70 -2.41 0.00	38.88 -1.83 0.00	35.64 -1.06 0.00
STA_7___115KV_9TRANS 80674	37.51 -0.34 0.00	35.11 -0.04 0.00	34.73 0.03 0.00	35.13 0.14 0.00	36.06 0.18 0.00	37.44 0.11 0.00	43.95 -0.40 0.00	48.15 -1.44 0.00	40.84 -0.54 0.00	34.78 -0.57 0.00	32.07 -0.55 0.00	30.03 -0.36 0.00	28.84 -0.56 0.00	27.39 -0.62 0.00	26.02 -0.78 0.00	26.15 -0.73 0.00	30.42 -0.78 0.00	39.99 -1.15 0.00	51.05 -1.74 0.00	61.59 -2.04 0.00	57.44 -1.84 0.00	46.09 -2.02 0.00	39.17 -1.55 0.00	35.86 -0.84 0.00
STA_82___115KV_TB1 80780	37.25 -0.61 0.00	34.90 -0.25 0.00	34.49 -0.21 0.00	34.92 -0.07 0.00	35.81 -0.07 0.00	37.18 -0.15 0.00	43.68 -0.67 0.00	47.85 -1.74 0.00	40.59 -0.79 0.00	34.53 -0.81 0.00	31.84 -0.78 0.00	29.84 -0.55 0.00	28.66 -0.73 0.00	27.22 -0.78 0.00	25.86 -0.94 0.00	25.99 -0.89 0.00	30.23 -0.97 0.00	39.71 -1.44 0.00	50.63 -2.16 0.00	61.08 -2.55 0.00	56.97 -2.31 0.00	45.70 -2.41 0.00	38.88 -1.83 0.00	35.64 -1.06 0.00
STEEL___WIND 323596	37.51 -0.34 0.00	35.25 0.11 0.00	34.94 0.24 0.00	35.30 0.31 0.00	36.28 0.40 0.00	37.55 0.23 0.00	43.59 -0.75 0.00	47.55 -2.04 0.00	40.92 -0.45 0.00	34.53 -0.81 0.00	31.91 -0.72 0.00	29.90 -0.49 0.00	28.84 -0.56 0.00	27.28 -0.73 0.00	26.07 -0.72 0.00	26.02 -0.86 0.00	30.29 -0.91 0.00	39.50 -1.65 0.00	50.21 -2.59 0.00	60.38 -3.24 0.00	55.96 -3.32 0.00	44.74 -3.37 0.00	38.31 -2.40 0.00	35.45 -1.25 0.00
STEPHTWN_115KV_BK_2 55603	38.61 0.76 0.00	35.71 0.56 0.00	35.22 0.52 0.00	35.51 0.52 0.00	36.39 0.50 0.00	37.89 0.56 0.00	45.19 0.84 0.00	50.63 1.04 0.00	41.96 0.58 0.00	35.94 0.60 0.00	33.15 0.52 0.00	30.85 0.46 0.00	29.84 0.44 0.00	28.43 0.42 0.00	27.22 0.43 0.00	27.33 0.46 0.00	31.76 0.56 0.00	41.93 0.78 0.00	54.11 1.32 0.00	65.28 1.65 0.00	60.76 1.48 0.00	49.46 1.35 0.00	41.90 1.18 0.00	37.66 0.95 0.00
STEUBEN_REC_LFGE 323667	37.25 -0.61 0.00	35.00 -0.14 0.00	34.80 0.10 0.00	35.37 0.38 0.00	36.35 0.47 0.00	37.96 0.63 0.00	44.93 0.58 0.00	49.24 -0.35 0.00	41.92 0.54 0.00	35.49 0.14 0.00	32.59 -0.03 0.00	30.51 0.12 0.00	29.25 -0.15 0.00	27.73 -0.28 0.00	26.31 -0.48 0.00	26.50 -0.38 0.00	30.95 -0.25 0.00	40.94 -0.21 0.00	52.42 -0.37 0.00	63.31 -0.32 0.00	58.63 -0.65 0.00	46.57 -1.54 0.00	39.25 -1.47 0.00	35.67 -1.03 0.00
STILLWATER___SOLAR 323814	39.21 1.36 0.00	36.27 1.12 0.00	35.78 1.08 0.00	36.11 1.12 0.00	37.03 1.15 0.00	38.56 1.23 0.00	46.03 1.68 0.00	51.52 1.93 0.00	42.62 1.24 0.00	36.33 0.99 0.00	33.41 0.78 0.00	31.06 0.67 0.00	30.04 0.65 0.00	28.60 0.59 0.00	27.36 0.56 0.00	27.52 0.64 0.00	32.01 0.81 0.00	42.59 1.44 0.00	55.11 2.32 0.00	66.55 2.93 0.00	62.01 2.73 0.00	50.37 2.26 0.00	42.63 1.91 0.00	38.28 1.58 0.00
STONY___BROOK 24151	39.59 1.74 0.00	36.27 1.12 0.00	35.78 1.08 0.00	35.83 0.84 0.00	36.89 1.00 0.00	38.37 1.04 0.00	46.57 2.22 0.00	51.42 1.84 0.00	42.62 1.24 0.00	36.29 0.95 0.01	33.57 0.95 0.01	31.20 0.82 0.01	30.03 0.65 0.01	28.76 0.76 0.01	27.71 0.91 0.00	28.09 1.21 0.00	32.29 1.09 0.00	42.96 1.81 0.00	55.54 2.74 0.00	67.25 3.62 0.00	62.60 3.32 0.00	51.43 3.32 0.00	43.36 2.64 0.00	38.64 1.94 0.00
STURGEON_POOL_HYD 23609	39.18 1.32 0.00	36.16 1.02 0.00	35.64 0.94 0.00	35.90 0.91 0.00	36.82 0.93 0.00	38.26 0.93 0.00	45.77 1.42 0.00	51.27 1.69 0.00	42.70 1.32 0.00	36.44 1.10 0.00	33.57 0.95 0.00	31.21 0.82 0.00	30.19 0.79 0.00	28.79 0.78 0.00	27.62 0.83 0.00	27.76 0.89 0.00	32.10 0.90 0.00	42.55 1.40 0.00	54.75 1.95 0.00	66.11 2.48 0.00	61.53 2.25 0.00	49.98 1.88 0.00	42.34 1.63 0.00	37.95 1.25 0.00
ST_LAW_115_BK7_LBMP 345037	37.40 -0.45 0.00	34.79 -0.35 0.00	34.35 -0.35 0.00	34.64 -0.35 0.00	35.52 -0.36 0.00	36.99 -0.34 0.00	43.86 -0.49 0.00	49.29 -0.30 0.00	41.05 -0.33 0.00	35.03 -0.32 0.00	32.43 -0.19 0.00	30.24 -0.15 0.00	29.22 -0.18 0.00	27.87 -0.14 0.00	26.69 -0.11 0.00	26.72 -0.16 0.00	31.04 -0.16 0.00	41.06 -0.08 0.00	52.79 0.00 0.00	63.56 -0.06 0.00	59.16 -0.12 0.00	48.16 0.05 0.00	40.71 0.00 0.00	36.66 -0.04 0.00

ST_LAW_115_BK8_LBMP 345038	37.40 -0.45 0.00	34.79 -0.35 0.00	34.35 -0.35 0.00	34.64 -0.35 0.00	35.52 -0.36 0.00	36.99 -0.34 0.00	43.86 -0.49 0.00	49.29 -0.30 0.00	41.05 -0.33 0.00	35.03 -0.32 0.00	32.43 -0.19 0.00	30.24 -0.15 0.00	29.22 -0.18 0.00	27.87 -0.14 0.00	26.69 -0.11 0.00	26.72 -0.16 0.00	31.04 -0.16 0.00	41.06 -0.08 0.00	52.79 0.00 0.00	63.56 -0.06 0.00	59.16 -0.12 0.00	48.16 0.05 0.00	40.71 0.00 0.00	36.66 -0.04 0.00
ST_LAW_230_BK5_LBMP 345035	37.40 -0.45 0.00	34.79 -0.35 0.00	34.39 -0.31 0.00	34.64 -0.35 0.00	35.56 -0.32 0.00	37.03 -0.30 0.00	43.91 -0.44 0.00	49.29 -0.30 0.00	41.09 -0.29 0.00	35.03 -0.32 0.00	32.46 -0.16 0.00	30.24 -0.15 0.00	29.25 -0.15 0.00	27.90 -0.11 0.00	26.71 -0.08 0.00	26.74 -0.13 0.00	31.08 -0.12 0.00	41.06 -0.08 0.00	52.85 0.05 0.00	63.56 -0.06 0.00	59.22 -0.06 0.00	48.16 0.05 0.00	40.71 0.00 0.00	36.70 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	37.40 -0.45 0.00	34.79 -0.35 0.00	34.39 -0.31 0.00	34.64 -0.35 0.00	35.56 -0.32 0.00	37.03 -0.30 0.00	43.91 -0.44 0.00	49.29 -0.30 0.00	41.09 -0.29 0.00	35.03 -0.32 0.00	32.46 -0.16 0.00	30.24 -0.15 0.00	29.25 -0.15 0.00	27.90 -0.11 0.00	26.71 -0.08 0.00	26.74 -0.13 0.00	31.08 -0.12 0.00	41.06 -0.08 0.00	52.85 0.05 0.00	63.56 -0.06 0.00	59.22 -0.06 0.00	48.16 0.05 0.00	40.71 0.00 0.00	36.70 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.84 0.98 0.00	35.88 0.74 0.00	35.36 0.66 0.00	35.62 0.63 0.00	36.53 0.65 0.00	37.96 0.63 0.00	45.37 1.02 0.00	50.87 1.29 0.00	42.41 1.03 0.00	36.23 0.88 0.00	33.38 0.75 0.00	31.06 0.67 0.00	30.04 0.65 0.00	28.63 0.62 0.00	27.46 0.67 0.00	27.60 0.73 0.00	31.95 0.75 0.00	42.26 1.11 0.00	54.32 1.53 0.00	65.66 2.04 0.00	61.12 1.84 0.00	49.60 1.49 0.00	42.02 1.30 0.00	37.66 0.95 0.00
SWANROAD_115KV_TB1 355699	36.15 -1.70 0.00	33.98 -1.16 0.00	33.69 -1.01 0.00	34.08 -0.91 0.00	34.95 -0.93 0.00	36.24 -1.08 0.00	42.26 -2.08 0.00	45.52 -4.07 0.00	39.31 -2.07 0.00	33.19 -2.16 0.00	30.67 -1.96 0.00	28.96 -1.43 0.00	27.69 -1.70 0.00	26.22 -1.79 0.00	24.87 -1.93 0.00	25.00 -1.88 0.00	29.05 -2.15 0.00	37.85 -3.29 0.00	47.99 -4.80 0.00	57.64 -5.98 0.00	53.71 -5.57 0.00	42.91 -5.20 0.00	36.85 -3.87 0.00	34.21 -2.50 0.00
SYNERGY___BIOGAS 323694	37.74 -0.11 0.00	35.42 0.28 0.00	35.08 0.38 0.00	35.51 0.53 0.00	36.53 0.65 0.00	37.81 0.48 0.00	43.95 -0.40 0.00	48.05 -1.54 0.00	40.88 -0.49 0.00	34.60 -0.74 0.00	31.81 -0.81 0.00	29.75 -0.64 0.00	28.66 -0.73 0.00	27.17 -0.84 0.00	25.91 -0.88 0.00	25.91 -0.97 0.00	30.23 -0.97 0.00	39.79 -1.36 0.00	50.89 -1.90 0.00	61.40 -2.23 0.00	57.15 -2.13 0.00	45.70 -2.40 0.00	39.01 -1.71 0.00	35.93 -0.77 0.00
SYRACUSE___ENERGY_ST1 323597	37.93 0.08 0.00	35.36 0.21 0.00	34.94 0.24 0.00	35.27 0.28 0.00	36.13 0.25 0.00	37.59 0.26 0.00	44.53 0.18 0.00	49.58 0.00 0.00	41.50 0.12 0.00	35.45 0.11 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.37 -0.03 0.00	27.95 -0.06 0.00	26.66 -0.13 0.00	26.80 -0.08 0.00	31.17 -0.03 0.00	41.02 -0.12 0.00	52.42 -0.37 0.00	63.24 -0.38 0.00	58.92 -0.36 0.00	47.63 -0.48 0.00	40.31 -0.41 0.00	36.48 -0.22 0.00
SYRACUSE___ENERGY_ST2 323598	37.93 0.08 0.00	35.36 0.21 0.00	34.94 0.24 0.00	35.27 0.28 0.00	36.13 0.25 0.00	37.59 0.26 0.00	44.53 0.18 0.00	49.58 0.00 0.00	41.50 0.12 0.00	35.45 0.11 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.37 -0.03 0.00	27.95 -0.06 0.00	26.66 -0.13 0.00	26.80 -0.08 0.00	31.17 -0.03 0.00	41.02 -0.12 0.00	52.42 -0.37 0.00	63.24 -0.38 0.00	58.92 -0.36 0.00	47.63 -0.48 0.00	40.31 -0.41 0.00	36.48 -0.22 0.00
SYRACUSE___POWER 24017	37.85 0.00 0.00	35.21 0.07 0.00	34.80 0.10 0.00	35.13 0.14 0.00	36.03 0.14 0.00	37.44 0.11 0.00	44.39 0.04 0.00	49.39 -0.20 0.00	41.38 0.00 0.00	35.31 -0.04 0.00	32.56 -0.07 0.00	30.33 -0.06 0.00	29.31 -0.09 0.00	27.87 -0.14 0.00	26.61 -0.19 0.00	26.72 -0.16 0.00	31.08 -0.12 0.00	40.90 -0.25 0.00	52.32 -0.48 0.00	63.12 -0.51 0.00	58.81 -0.47 0.00	47.53 -0.58 0.00	40.23 -0.49 0.00	36.37 -0.33 0.00
TALLMAN___138KV_BK151 55660	38.95 1.10 0.00	35.95 0.81 0.00	35.43 0.73 0.00	35.69 0.70 0.00	36.60 0.72 0.00	38.00 0.67 0.00	45.46 1.11 0.00	51.02 1.44 0.00	42.54 1.16 0.00	36.37 1.02 0.00	33.54 0.91 0.00	31.21 0.82 0.00	30.16 0.76 0.00	28.77 0.76 0.00	27.60 0.80 0.00	27.76 0.89 0.00	32.07 0.87 0.00	42.42 1.28 0.00	54.48 1.69 0.00	65.92 2.29 0.00	61.35 2.07 0.00	49.79 1.68 0.00	42.14 1.43 0.00	37.77 1.06 0.00
TEALLAVE_115KV_TB7 355573	37.74 -0.11 0.00	35.14 0.00 0.00	34.70 0.00 0.00	35.02 0.03 0.00	35.92 0.04 0.00	37.33 0.00 0.00	44.26 -0.09 0.00	49.24 -0.35 0.00	41.21 -0.17 0.00	35.20 -0.14 0.00	32.50 -0.13 0.00	30.27 -0.12 0.00	29.22 -0.18 0.00	27.81 -0.20 0.00	26.55 -0.24 0.00	26.66 -0.22 0.00	30.98 -0.22 0.00	40.74 -0.41 0.00	52.11 -0.69 0.00	62.86 -0.76 0.00	58.57 -0.71 0.00	47.34 -0.77 0.00	40.06 -0.65 0.00	36.26 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	36.98 -0.87 0.00	34.76 -0.39 0.00	34.42 -0.28 0.00	34.85 -0.14 0.00	35.78 -0.11 0.00	37.10 -0.22 0.00	43.33 -1.02 0.00	46.86 -2.73 0.00	40.26 -1.12 0.00	34.04 -1.31 0.00	31.42 -1.21 0.00	29.57 -0.82 0.00	28.28 -1.12 0.00	26.80 -1.20 0.00	25.43 -1.37 0.00	25.56 -1.32 0.00	29.73 -1.47 0.00	38.92 -2.22 0.00	49.52 -3.27 0.00	59.62 -4.01 0.00	55.55 -3.73 0.00	44.36 -3.75 0.00	37.91 -2.81 0.00	35.09 -1.61 0.00
TEMPLE___115KV_TB 2 55572	37.74 -0.11 0.00	35.14 0.00 0.00	34.73 0.03 0.00	35.06 0.07 0.00	35.95 0.07 0.00	37.36 0.04 0.00	44.26 -0.09 0.00	49.24 -0.35 0.00	41.25 -0.12 0.00	35.24 -0.11 0.00	32.50 -0.13 0.00	30.30 -0.09 0.00	29.25 -0.15 0.00	27.84 -0.17 0.00	26.55 -0.24 0.00	26.69 -0.19 0.00	31.01 -0.19 0.00	40.78 -0.37 0.00	52.11 -0.69 0.00	62.86 -0.76 0.00	58.57 -0.71 0.00	47.34 -0.77 0.00	40.06 -0.65 0.00	36.26 -0.44 0.00
TIANA____69_KV_BK 1 55817	39.37 1.51 0.00	35.81 0.67 0.00	35.32 0.62 0.00	35.44 0.45 0.00	36.56 0.68 0.00	38.00 0.67 0.00	46.08 1.73 0.00	51.02 1.44 0.00	42.04 0.66 0.00	35.77 0.42 0.00	32.82 0.20 0.00	30.48 0.09 0.00	29.40 0.00 0.00	28.18 0.17 0.00	27.28 0.48 0.00	28.01 1.13 0.00	32.07 0.87 0.00	42.30 1.15 0.00	54.90 2.11 0.00	66.62 2.99 0.00	61.95 2.67 0.00	50.99 2.89 0.00	43.12 2.40 0.00	38.43 1.72 0.00
TILDEN___115KV_TB1 80814	37.85 0.00 0.00	35.21 0.07 0.00	34.80 0.10 0.00	35.13 0.14 0.00	36.03 0.14 0.00	37.44 0.11 0.00	44.39 0.04 0.00	49.39 -0.20 0.00	41.38 0.00 0.00	35.31 -0.04 0.00	32.56 -0.07 0.00	30.33 -0.06 0.00	29.31 -0.09 0.00	27.87 -0.14 0.00	26.61 -0.19 0.00	26.72 -0.16 0.00	31.08 -0.12 0.00	40.90 -0.25 0.00	52.32 -0.48 0.00	63.12 -0.51 0.00	58.81 -0.47 0.00	47.53 -0.58 0.00	40.23 -0.49 0.00	36.37 -0.33 0.00

TRIGEN___CC 323695	39.52 1.67 0.00	36.30 1.16 0.00	35.77 1.08 0.00	35.97 0.98 0.00	36.96 1.08 0.00	38.41 1.08 0.00	46.17 1.82 0.00	51.62 2.03 0.00	42.83 1.45 0.00	36.55 1.20 0.00	33.70 1.08 0.00	31.39 1.00 0.00	30.31 0.91 0.00	28.93 0.92 0.00	27.79 0.99 0.00	28.09 1.21 0.00	32.45 1.25 0.00	42.92 1.77 0.00	55.27 2.48 0.00	66.74 3.12 0.00	62.07 2.79 0.00	50.85 2.74 0.00	42.99 2.28 0.00	38.43 1.72 0.00
TRINITY___115KV___4 BK 55933	38.34 0.49 0.00	35.43 0.28 0.00	34.94 0.24 0.00	35.23 0.24 0.00	36.10 0.22 0.00	37.59 0.26 0.00	44.79 0.44 0.00	50.18 0.60 0.00	41.63 0.25 0.00	35.70 0.35 0.00	32.92 0.29 0.00	30.66 0.27 0.00	29.66 0.26 0.00	28.29 0.28 0.00	27.09 0.29 0.00	27.20 0.32 0.00	31.57 0.37 0.00	41.60 0.45 0.00	53.64 0.84 0.00	64.58 0.95 0.00	60.11 0.83 0.00	48.97 0.87 0.00	41.49 0.77 0.00	37.32 0.62 0.00
UNION___PROCESSING_DRP 323587	37.28 -0.57 0.00	34.90 -0.25 0.00	34.53 -0.17 0.00	34.92 -0.07 0.00	35.85 -0.04 0.00	37.18 -0.15 0.00	43.68 -0.67 0.00	47.85 -1.74 0.00	40.59 -0.79 0.00	34.53 -0.81 0.00	31.84 -0.78 0.00	29.84 -0.55 0.00	28.66 -0.73 0.00	27.22 -0.78 0.00	25.86 -0.94 0.00	25.99 -0.89 0.00	30.23 -0.97 0.00	39.71 -1.44 0.00	50.68 -2.11 0.00	61.08 -2.55 0.00	56.97 -2.31 0.00	45.75 -2.36 0.00	38.88 -1.83 0.00	35.64 -1.06 0.00
UPPER HUDSON___HYD 24058	39.67 1.82 0.00	36.76 1.62 0.00	36.26 1.56 0.00	36.70 1.71 0.00	37.64 1.76 0.00	39.27 1.94 0.00	46.79 2.44 0.00	52.51 2.92 0.00	43.16 1.78 0.00	36.55 1.20 0.00	33.47 0.85 0.00	31.03 0.64 0.00	30.01 0.62 0.00	28.48 0.48 0.00	27.25 0.46 0.00	27.44 0.57 0.00	32.07 0.87 0.00	42.91 1.77 0.00	55.69 2.90 0.00	67.31 3.69 0.00	62.78 3.50 0.00	50.95 2.84 0.00	42.99 2.28 0.00	38.57 1.87 0.00
UPPER RAQUET___HYD 24056	43.37 -1.02 -6.54	40.44 -0.84 -6.14	39.96 -0.80 -6.05	40.27 -0.80 -6.09	41.29 -0.79 -6.20	42.02 -0.75 -5.44	43.24 -1.11 0.00	48.79 -0.80 0.00	40.63 -0.74 0.00	34.53 -0.81 0.00	31.97 -0.65 0.00	29.75 -0.64 0.00	28.75 -0.65 0.00	27.42 -0.59 0.00	26.23 -0.56 0.00	26.18 -0.70 0.00	30.51 -0.69 0.00	40.57 -0.58 0.00	52.43 -0.37 0.00	63.18 -0.44 0.00	58.87 -0.41 0.00	48.06 -0.05 0.00	40.43 -0.28 0.00	36.37 -0.33 0.00
VALLEY44_115KV_TB2 355964	37.74 -0.11 0.00	35.50 0.35 0.00	35.18 0.49 0.00	35.62 0.63 0.00	36.53 0.65 0.00	37.92 0.60 0.00	44.53 0.18 0.00	48.64 -0.94 0.00	41.87 0.50 0.00	35.31 -0.04 0.00	32.56 -0.07 0.00	30.57 0.18 0.00	29.31 -0.09 0.00	27.76 -0.25 0.00	26.37 -0.43 0.00	26.47 -0.40 0.00	30.70 -0.50 0.00	40.12 -1.03 0.00	50.95 -1.85 0.00	61.84 -1.78 0.00	57.32 -1.96 0.00	45.65 -2.45 0.00	38.80 -1.91 0.00	35.71 -0.99 0.00
VALLEY___115KV_TB 1-4 80826	37.59 -0.26 0.00	34.90 -0.25 0.00	34.49 -0.21 0.00	34.81 -0.17 0.00	35.74 -0.14 0.00	37.22 -0.11 0.00	44.26 -0.09 0.00	49.58 0.00 0.00	41.38 0.00 0.00	35.41 0.07 0.00	32.69 0.07 0.00	30.48 0.09 0.00	29.51 0.12 0.00	28.15 0.14 0.00	26.96 0.16 0.00	27.09 0.22 0.00	31.48 0.28 0.00	41.60 0.45 0.00	53.48 0.69 0.00	64.58 0.95 0.00	60.17 0.89 0.00	48.78 0.67 0.00	41.16 0.45 0.00	36.96 0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.74 1.89 0.00	36.87 1.72 0.00	36.43 1.73 0.00	36.77 1.78 0.00	37.75 1.87 0.00	39.27 1.94 0.00	46.52 2.17 0.00	52.26 2.68 0.00	43.53 2.15 0.00	37.01 1.66 0.00	33.90 1.27 0.00	31.42 1.03 0.00	30.42 1.03 0.00	28.93 0.92 0.00	27.65 0.86 0.00	27.76 0.89 0.00	32.39 1.19 0.00	43.04 1.89 0.00	55.38 2.59 0.00	66.87 3.24 0.00	62.36 3.08 0.00	50.47 2.36 0.00	42.63 1.91 0.00	38.39 1.69 0.00
VISCHER___FERRY HYD 24020	38.83 0.98 0.00	35.88 0.74 0.00	35.36 0.66 0.00	35.65 0.66 0.00	36.53 0.65 0.00	38.07 0.75 0.00	45.46 1.11 0.00	50.92 1.34 0.00	42.25 0.87 0.00	36.12 0.78 0.00	33.31 0.69 0.00	30.97 0.58 0.00	29.95 0.56 0.00	28.54 0.53 0.00	27.33 0.54 0.00	27.52 0.64 0.00	31.89 0.69 0.00	42.18 1.03 0.00	54.43 1.64 0.00	65.53 1.91 0.00	61.06 1.78 0.00	49.69 1.59 0.00	42.14 1.42 0.00	37.88 1.17 0.00
V_A_10_SYNC_DSASP 323832	36.64 -1.21 0.00	34.34 -0.81 0.00	34.00 -0.69 0.00	34.36 -0.63 0.00	35.31 -0.58 0.00	36.54 -0.79 0.00	42.53 -1.82 0.00	46.51 -3.07 0.00	39.72 -1.66 0.00	33.65 -1.70 0.00	31.03 -1.60 0.00	29.08 -1.31 0.00	28.07 -1.32 0.00	26.64 -1.37 0.00	25.43 -1.37 0.00	25.43 -1.45 0.00	29.58 -1.62 0.00	38.68 -2.47 0.00	49.10 -3.70 0.00	59.04 -4.58 0.00	54.89 -4.39 0.00	44.07 -4.04 0.00	37.70 -3.01 0.00	34.79 -1.91 0.00
V_CMM_10_SYNC_DSASP 323787	37.55 -0.30 0.00	34.97 -0.17 0.00	34.53 -0.17 0.00	34.78 -0.21 0.00	35.70 -0.18 0.00	37.18 -0.15 0.00	44.04 -0.31 0.00	49.53 -0.05 0.00	41.25 -0.12 0.00	35.17 -0.18 0.00	32.59 -0.03 0.00	30.36 -0.03 0.00	29.37 -0.03 0.00	28.01 0.00 0.00	26.82 0.03 0.00	26.82 -0.05 0.00	31.17 -0.03 0.00	41.27 0.12 0.00	53.06 0.27 0.00	63.82 0.19 0.00	59.46 0.18 0.00	48.40 0.29 0.00	40.88 0.16 0.00	36.85 0.15 0.00
V_CMP_10_SYNC_DSASP 323788	-6.58 -1.55 42.88	-6.54 -1.41 40.28	-6.44 -1.46 39.69	-6.41 -1.50 39.89	-6.35 -1.61 40.62	0.00 -1.68 35.65	42.35 -1.99 0.00	48.25 -1.34 0.00	40.43 -0.95 0.00	34.57 -0.78 0.00	32.36 -0.26 0.00	30.30 -0.09 0.00	29.34 -0.06 0.00	28.07 0.06 0.00	26.98 0.19 0.00	27.09 0.21 0.00	31.70 0.50 0.00	42.21 1.07 0.00	54.59 1.80 0.00	64.83 1.21 0.00	60.40 1.12 0.00	49.89 1.78 0.00	41.93 1.22 0.00	37.65 0.95 0.00
V_D_10_SYNC_DSASP 323841	39.10 -0.19 -1.44	36.42 -0.07 -1.35	35.99 -0.03 -1.33	36.26 -0.07 -1.34	37.17 -0.07 -1.36	38.52 0.00 -1.19	44.17 -0.18 0.00	49.68 0.10 0.00	41.42 0.04 0.00	35.24 -0.11 0.00	32.66 0.03 0.00	30.45 0.06 0.00	29.43 0.03 0.00	28.07 0.06 0.00	26.85 0.05 0.00	26.85 -0.03 0.00	31.23 0.03 0.00	41.40 0.25 0.00	53.27 0.47 0.00	64.07 0.45 0.00	59.70 0.42 0.00	48.59 0.48 0.00	41.04 0.32 0.00	36.99 0.29 0.00
V_E_10_SYNC_DSASP 323830	40.35 2.50 0.00	37.68 2.53 0.00	37.37 2.67 0.00	37.82 2.83 0.00	38.90 3.01 0.00	40.42 3.10 0.00	47.63 3.28 0.00	53.60 4.01 0.00	44.48 3.10 0.00	37.46 2.12 0.00	34.06 1.43 0.00	31.51 1.13 0.00	30.34 0.94 0.00	28.85 0.84 0.00	27.52 0.72 0.00	27.82 0.94 0.00	32.91 1.71 0.00	44.27 3.13 0.00	57.49 4.70 0.00	69.86 6.24 0.00	64.91 5.63 0.00	52.00 3.90 0.00	43.65 2.93 0.00	39.23 2.53 0.00
V_F_30_NSYNC___DSASP 323816	39.29 1.44 0.00	36.37 1.23 0.00	35.84 1.14 0.00	36.21 1.22 0.00	37.10 1.22 0.00	38.67 1.34 0.00	46.12 1.78 0.00	51.67 2.08 0.00	42.70 1.32 0.00	36.40 1.06 0.00	33.47 0.85 0.00	31.09 0.70 0.00	30.10 0.70 0.00	28.62 0.62 0.00	27.41 0.62 0.00	27.58 0.70 0.00	32.04 0.84 0.00	42.63 1.48 0.00	55.17 2.38 0.00	66.62 2.99 0.00	62.07 2.79 0.00	50.42 2.31 0.00	42.67 1.95 0.00	38.31 1.61 0.00



V_F_30_SYNC_DSASP 323786	38.42 0.57 0.00	35.53 0.39 0.00	35.05 0.35 0.00	35.34 0.35 0.00	36.21 0.32 0.00	37.70 0.37 0.00	44.93 0.58 0.00	50.33 0.74 0.00	41.75 0.37 0.00	35.77 0.42 0.00	32.99 0.36 0.00	30.72 0.33 0.00	29.72 0.32 0.00	28.35 0.34 0.00	27.14 0.35 0.00	27.25 0.38 0.00	31.64 0.44 0.00	41.72 0.58 0.00	53.80 1.00 0.00	64.83 1.21 0.00	60.35 1.07 0.00	49.12 1.01 0.00	41.61 0.90 0.00	37.44 0.73 0.00
V_XM_10_SYNC_DSASP 323789	-6.58 -1.55 42.88	-6.54 -1.41 40.28	-6.44 -1.46 39.69	-6.41 -1.50 39.89	-6.35 -1.61 40.62	0.00 -1.68 35.65	42.35 -1.99 0.00	48.25 -1.34 0.00	40.43 -0.95 0.00	34.57 -0.78 0.00	32.36 -0.26 0.00	30.30 -0.09 0.00	29.34 -0.06 0.00	28.07 0.06 0.00	26.98 0.19 0.00	27.09 0.21 0.00	31.70 0.50 0.00	42.21 1.07 0.00	54.59 1.80 0.00	64.83 1.21 0.00	60.40 1.12 0.00	49.89 1.78 0.00	41.93 1.22 0.00	37.65 0.95 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.10 1.25 0.00	36.09 0.95 0.00	35.57 0.87 0.00	35.83 0.84 0.00	36.71 0.83 0.00	38.15 0.82 0.00	45.63 1.29 0.00	51.22 1.64 0.00	42.70 1.32 0.00	36.47 1.13 0.00	33.64 1.01 0.00	31.30 0.91 0.00	30.25 0.85 0.00	28.85 0.84 0.00	27.68 0.88 0.00	27.85 0.97 0.00	32.17 0.97 0.00	42.55 1.40 0.00	54.75 1.95 0.00	66.17 2.55 0.00	61.59 2.31 0.00	49.98 1.88 0.00	42.30 1.59 0.00	37.91 1.21 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.40 1.55 0.00	36.34 1.19 0.00	35.77 1.08 0.00	36.04 1.05 0.00	36.92 1.04 0.00	38.34 1.01 0.00	45.95 1.60 0.00	51.57 1.98 0.00	43.03 1.66 0.00	36.83 1.48 0.00	33.96 1.34 0.00	31.67 1.28 0.00	30.60 1.21 0.00	29.16 1.15 0.00	27.95 1.15 0.00	28.17 1.29 0.00	32.51 1.31 0.00	42.92 1.77 0.00	55.27 2.48 0.00	66.68 3.05 0.00	62.07 2.79 0.00	50.42 2.31 0.00	42.67 1.95 0.00	38.17 1.47 0.00
W50THST__13_KV_LOAD 356117	39.56 1.70 0.00	36.48 1.34 0.00	35.91 1.21 0.00	36.18 1.19 0.00	37.07 1.18 0.00	38.48 1.16 0.00	46.12 1.77 0.00	51.82 2.23 0.00	43.24 1.86 0.00	36.97 1.63 0.00	34.09 1.47 0.00	31.82 1.43 0.00	30.72 1.32 0.00	29.30 1.29 0.00	28.08 1.29 0.00	28.28 1.40 0.00	32.64 1.44 0.00	43.12 1.98 0.00	55.54 2.75 0.00	67.06 3.44 0.00	62.42 3.14 0.00	50.66 2.55 0.00	42.83 2.12 0.00	38.32 1.61 0.00
WADING RIVER_IC_1 23522	38.99 1.13 0.00	35.50 0.35 0.00	35.05 0.35 0.00	35.06 0.07 0.00	36.14 0.25 0.00	37.55 0.23 0.00	45.90 1.55 0.00	50.38 0.79 0.00	41.67 0.29 0.00	35.48 0.14 0.01	32.78 0.16 0.01	30.44 0.06 0.01	29.30 -0.09 0.01	28.09 0.08 0.01	27.20 0.40 0.00	27.71 0.83 0.00	31.58 0.38 0.00	41.97 0.82 0.00	54.43 1.64 0.00	66.04 2.42 0.00	61.53 2.25 0.00	50.61 2.50 0.00	42.63 1.91 0.00	37.98 1.28 0.00
WADING RIVER_IC_2 23547	38.99 1.13 0.00	35.50 0.35 0.00	35.05 0.35 0.00	35.06 0.07 0.00	36.14 0.25 0.00	37.55 0.23 0.00	45.90 1.55 0.00	50.38 0.79 0.00	41.67 0.29 0.00	35.48 0.14 0.01	32.78 0.16 0.01	30.44 0.06 0.01	29.30 -0.09 0.01	28.09 0.08 0.01	27.20 0.40 0.00	27.71 0.83 0.00	31.58 0.38 0.00	41.97 0.82 0.00	54.43 1.64 0.00	66.04 2.42 0.00	61.53 2.25 0.00	50.61 2.50 0.00	42.63 1.91 0.00	37.98 1.28 0.00
WADING RIVER_IC_3 23601	38.99 1.13 0.00	35.50 0.35 0.00	35.05 0.35 0.00	35.06 0.07 0.00	36.14 0.25 0.00	37.55 0.23 0.00	45.90 1.55 0.00	50.38 0.79 0.00	41.67 0.29 0.00	35.48 0.14 0.01	32.78 0.16 0.01	30.44 0.06 0.01	29.30 -0.09 0.01	28.09 0.08 0.01	27.20 0.40 0.00	27.71 0.83 0.00	31.58 0.38 0.00	41.97 0.82 0.00	54.43 1.64 0.00	66.04 2.42 0.00	61.53 2.25 0.00	50.61 2.50 0.00	42.63 1.91 0.00	37.98 1.28 0.00
WALDENNY_12_KV_BK2 80841	37.44 -0.42 0.00	35.18 0.04 0.00	34.87 0.17 0.00	35.30 0.31 0.00	36.21 0.32 0.00	37.59 0.26 0.00	43.86 -0.49 0.00	47.45 -2.13 0.00	41.01 -0.37 0.00	34.57 -0.78 0.00	32.01 -0.62 0.00	30.15 -0.24 0.00	28.84 -0.56 0.00	27.28 -0.73 0.00	25.91 -0.88 0.00	26.02 -0.86 0.00	30.23 -0.97 0.00	39.46 -1.69 0.00	50.10 -2.69 0.00	60.25 -3.37 0.00	56.02 -3.26 0.00	44.69 -3.42 0.00	38.23 -2.48 0.00	35.42 -1.28 0.00
WALDEN__HYDRO 24148	39.06 1.21 0.00	36.06 0.91 0.00	35.53 0.83 0.00	35.83 0.84 0.00	36.71 0.83 0.00	38.15 0.82 0.00	45.63 1.29 0.00	51.17 1.59 0.00	42.62 1.24 0.00	36.37 1.02 0.00	33.51 0.88 0.00	31.15 0.76 0.00	30.10 0.71 0.00	28.71 0.70 0.00	27.54 0.75 0.00	27.68 0.81 0.00	32.04 0.84 0.00	42.46 1.32 0.00	54.64 1.85 0.00	66.04 2.42 0.00	61.47 2.19 0.00	49.89 1.78 0.00	42.26 1.55 0.00	37.88 1.17 0.00
WARRENSBURG____ 23737	39.67 1.82 0.00	36.76 1.62 0.00	36.26 1.56 0.00	36.70 1.71 0.00	37.64 1.76 0.00	39.27 1.94 0.00	46.83 2.48 0.00	52.51 2.93 0.00	43.12 1.74 0.00	36.55 1.20 0.00	33.41 0.78 0.00	30.97 0.58 0.00	29.95 0.56 0.00	28.46 0.45 0.00	27.22 0.43 0.00	27.42 0.54 0.00	32.07 0.87 0.00	42.92 1.77 0.00	55.70 2.90 0.00	67.51 3.88 0.00	62.78 3.50 0.00	50.95 2.84 0.00	43.04 2.32 0.00	38.57 1.87 0.00
WATERSIDE____6 8 9 23538	37.46 1.78 2.17	34.62 1.41 1.93	33.42 1.28 2.56	33.66 1.22 2.55	34.80 1.26 2.34	36.30 1.19 2.22	45.28 1.82 0.89	51.18 2.23 0.64	41.68 1.86 1.56	35.00 1.63 1.97	32.22 1.50 1.91	29.69 1.43 2.12	29.16 1.35 1.59	29.13 1.29 0.17	25.53 1.29 2.55	25.77 1.42 2.53	30.59 1.47 2.08	43.15 2.02 0.01	55.53 2.75 0.01	66.67 3.05 0.01	61.93 2.90 0.26	50.70 2.60 0.01	41.41 2.20 1.51	36.56 1.61 1.76
WATKINRD_115KV_LN8_ILLION 55919	37.78 -0.08 0.00	35.07 -0.07 0.00	34.63 -0.07 0.00	34.95 -0.03 0.00	35.88 0.00 0.00	37.33 0.00 0.00	44.39 0.04 0.00	49.68 0.10 0.00	41.46 0.08 0.00	35.45 0.11 0.00	32.72 0.10 0.00	30.48 0.09 0.00	29.51 0.12 0.00	28.12 0.11 0.00	26.93 0.13 0.00	27.04 0.16 0.00	31.42 0.22 0.00	41.52 0.37 0.00	53.32 0.53 0.00	64.32 0.70 0.00	59.99 0.71 0.00	48.64 0.53 0.00	41.08 0.37 0.00	36.92 0.22 0.00
WATSON____69_KV_BK 1 55734	40.01 2.16 0.00	36.59 1.44 0.00	36.05 1.35 0.00	36.18 1.19 0.00	37.32 1.44 0.00	38.78 1.46 0.00	46.74 2.39 0.00	52.01 2.43 0.00	42.91 1.53 0.00	36.55 1.20 0.00	33.67 1.04 0.00	31.27 0.88 0.00	30.19 0.79 0.00	28.91 0.90 0.00	27.84 1.04 0.00	28.33 1.45 0.00	32.67 1.47 0.00	43.20 2.06 0.00	55.96 3.17 0.00	67.76 4.14 0.00	62.96 3.68 0.00	51.72 3.61 0.00	43.69 2.97 0.00	38.94 2.24 0.00
WDELAWARE__HYD 323627	39.06 1.21 0.00	36.09 0.95 0.00	35.60 0.90 0.00	35.90 0.91 0.00	36.78 0.90 0.00	38.34 1.01 0.00	45.73 1.38 0.00	51.22 1.63 0.00	42.66 1.28 0.00	36.30 0.95 0.00	33.44 0.82 0.00	31.09 0.70 0.00	29.98 0.59 0.00	28.57 0.56 0.00	27.41 0.62 0.00	27.55 0.67 0.00	31.89 0.69 0.00	42.34 1.19 0.00	54.59 1.80 0.00	66.10 2.48 0.00	61.59 2.31 0.00	49.84 1.73 0.00	42.18 1.46 0.00	37.84 1.14 0.00

WEST BABYLON___IC 23714	39.97 2.12 0.00	36.59 1.44 0.00	36.05 1.35 0.00	36.21 1.22 0.00	37.28 1.40 0.00	38.78 1.46 0.00	46.70 2.35 0.00	52.01 2.43 0.00	42.99 1.61 0.00	36.62 1.27 0.00	33.74 1.11 0.00	31.39 1.00 0.00	30.28 0.88 0.00	28.99 0.98 0.00	27.89 1.10 0.00	28.30 1.42 0.00	32.67 1.47 0.00	43.25 2.10 0.00	55.91 3.11 0.00	67.63 4.01 0.00	62.84 3.56 0.00	51.62 3.51 0.00	43.65 2.93 0.00	38.90 2.20 0.00
WEST CANADA___HYD 24049	37.93 0.08 0.00	35.21 0.07 0.00	34.77 0.07 0.00	35.06 0.07 0.00	35.95 0.07 0.00	37.40 0.07 0.00	44.44 0.09 0.00	49.73 0.15 0.00	41.46 0.08 0.00	35.41 0.07 0.00	32.66 0.03 0.00	30.42 0.03 0.00	29.43 0.03 0.00	28.04 0.03 0.00	26.82 0.03 0.00	26.93 0.05 0.00	31.26 0.06 0.00	41.23 0.08 0.00	52.95 0.16 0.00	63.82 0.19 0.00	59.46 0.18 0.00	48.25 0.14 0.00	40.80 0.08 0.00	36.74 0.04 0.00
WESTERN_NY_WIND 24143	37.70 -0.15 0.00	35.43 0.28 0.00	35.05 0.35 0.00	35.51 0.52 0.00	36.49 0.61 0.00	37.85 0.52 0.00	44.22 -0.13 0.00	47.95 -1.64 0.00	41.01 -0.37 0.00	34.67 -0.67 0.00	31.94 -0.69 0.00	29.99 -0.40 0.00	28.69 -0.71 0.00	27.20 -0.81 0.00	25.78 -1.02 0.00	25.94 -0.94 0.00	30.20 -1.00 0.00	39.71 -1.44 0.00	50.79 -2.01 0.00	61.33 -2.29 0.00	57.21 -2.07 0.00	45.65 -2.45 0.00	38.88 -1.83 0.00	35.86 -0.84 0.00
WESTOVER___LESR 323668	38.12 0.26 0.00	35.53 0.39 0.00	35.11 0.42 0.00	35.48 0.49 0.00	36.39 0.50 0.00	37.81 0.49 0.00	44.79 0.44 0.00	49.73 0.15 0.00	41.83 0.46 0.00	35.56 0.21 0.00	32.72 0.10 0.00	30.51 0.12 0.00	29.45 0.06 0.00	28.01 0.00 0.00	26.74 -0.05 0.00	26.82 -0.05 0.00	31.20 0.00 0.00	41.15 0.00 0.00	52.63 -0.16 0.00	63.63 0.00 0.00	59.22 -0.06 0.00	47.72 -0.38 0.00	40.39 -0.33 0.00	36.63 -0.07 0.00
WETHRSFD_WT_PWR 323626	36.64 -1.21 0.00	34.40 -0.74 0.00	34.18 -0.52 0.00	34.60 -0.38 0.00	35.63 -0.25 0.00	36.99 -0.34 0.00	43.28 -1.06 0.00	47.45 -2.13 0.00	40.38 -0.99 0.00	34.07 -1.27 0.00	31.32 -1.31 0.00	29.30 -1.09 0.00	28.22 -1.18 0.00	26.75 -1.26 0.00	25.51 -1.29 0.00	25.53 -1.34 0.00	29.73 -1.47 0.00	39.13 -2.02 0.00	49.99 -2.80 0.00	60.19 -3.44 0.00	55.66 -3.62 0.00	44.36 -3.75 0.00	37.66 -3.05 0.00	34.46 -2.24 0.00
WHAVSTOR_138KV_BK127 55557	38.99 1.14 0.00	35.95 0.81 0.00	35.46 0.76 0.00	35.69 0.70 0.00	36.60 0.72 0.00	38.00 0.67 0.00	45.50 1.15 0.00	51.02 1.44 0.00	42.58 1.20 0.00	36.37 1.02 0.00	33.54 0.91 0.00	31.24 0.85 0.00	30.19 0.79 0.00	28.79 0.78 0.00	27.60 0.80 0.00	27.76 0.89 0.00	32.07 0.87 0.00	42.42 1.28 0.00	54.54 1.74 0.00	65.92 2.29 0.00	61.35 2.07 0.00	49.84 1.73 0.00	42.18 1.47 0.00	37.77 1.06 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.99 1.14 0.00	35.95 0.81 0.00	35.46 0.76 0.00	35.69 0.70 0.00	36.60 0.72 0.00	38.00 0.67 0.00	45.50 1.15 0.00	51.02 1.44 0.00	42.58 1.20 0.00	36.37 1.02 0.00	33.54 0.91 0.00	31.24 0.85 0.00	30.19 0.79 0.00	28.79 0.78 0.00	27.60 0.80 0.00	27.76 0.89 0.00	32.07 0.87 0.00	42.42 1.28 0.00	54.54 1.74 0.00	65.92 2.29 0.00	61.35 2.07 0.00	49.84 1.73 0.00	42.18 1.47 0.00	37.77 1.06 0.00
WHITEHAL_115KV_TB1 80871	40.09 2.23 0.00	37.18 2.04 0.00	36.68 1.98 0.00	37.19 2.20 0.00	38.14 2.26 0.00	39.83 2.50 0.00	47.45 3.10 0.00	53.25 3.67 0.00	43.53 2.15 0.00	36.72 1.38 0.00	33.51 0.88 0.00	31.00 0.61 0.00	29.98 0.59 0.00	28.43 0.42 0.00	27.22 0.43 0.00	27.42 0.54 0.00	32.20 1.00 0.00	43.29 2.14 0.00	56.44 3.64 0.00	68.59 4.96 0.00	63.73 4.45 0.00	51.62 3.51 0.00	43.56 2.85 0.00	39.01 2.31 0.00
WHITEPLN_13_KV_LOAD 356215	39.52 1.67 0.00	36.48 1.34 0.00	35.95 1.25 0.00	36.21 1.22 0.00	37.10 1.22 0.00	38.52 1.19 0.00	46.17 1.82 0.00	51.82 2.23 0.00	43.12 1.74 0.00	36.86 1.52 0.00	34.00 1.37 0.00	31.67 1.28 0.00	30.60 1.21 0.00	29.13 1.12 0.00	27.92 1.13 0.00	28.14 1.26 0.00	32.51 1.31 0.00	43.08 1.93 0.00	55.49 2.69 0.00	67.00 3.37 0.00	62.36 3.08 0.00	50.66 2.55 0.00	42.87 2.16 0.00	38.35 1.65 0.00
WM_FLOYD_69_KV_BK2 356380	39.40 1.55 0.00	35.92 0.77 0.00	35.39 0.69 0.00	35.51 0.52 0.00	36.64 0.75 0.00	38.07 0.75 0.00	46.12 1.77 0.00	51.12 1.54 0.00	42.08 0.70 0.00	35.84 0.49 0.00	32.95 0.33 0.00	30.60 0.21 0.00	29.54 0.15 0.00	28.29 0.28 0.00	27.33 0.54 0.00	28.01 1.13 0.00	32.14 0.94 0.00	42.38 1.23 0.00	54.96 2.16 0.00	66.62 2.99 0.00	61.89 2.61 0.00	50.90 2.79 0.00	43.08 2.36 0.00	38.35 1.65 0.00
WOODARD___115KV_TB2 355635	37.70 -0.15 0.00	35.07 -0.07 0.00	34.66 -0.03 0.00	34.99 0.00 0.00	35.88 0.00 0.00	37.29 -0.04 0.00	44.22 -0.13 0.00	49.19 -0.40 0.00	41.17 -0.21 0.00	35.20 -0.14 0.00	32.46 -0.16 0.00	30.24 -0.15 0.00	29.22 -0.18 0.00	27.81 -0.20 0.00	26.53 -0.27 0.00	26.64 -0.24 0.00	30.98 -0.22 0.00	40.74 -0.41 0.00	52.05 -0.74 0.00	62.80 -0.83 0.00	58.51 -0.77 0.00	47.29 -0.82 0.00	40.02 -0.69 0.00	36.22 -0.48 0.00
YORK___WARBASSE 23770	54.99 2.08 -15.05	54.80 1.69 -17.97	54.06 1.56 -17.80	54.24 1.54 -17.71	53.62 1.54 -16.20	54.18 1.49 -15.36	54.83 2.17 -8.30	58.15 2.58 -5.99	58.08 2.11 -14.59	55.51 1.84 -18.32	54.00 1.70 -19.68	53.85 1.61 -21.85	55.03 1.47 -24.16	57.32 1.40 -27.91	54.46 1.45 -26.22	54.43 1.53 -26.02	54.25 1.65 -21.39	60.58 2.22 -17.21	65.80 3.06 -9.94	67.18 3.50 -0.06	64.37 3.32 -1.77	59.86 2.89 -8.87	57.25 2.48 -14.05	54.94 1.87 -16.37