

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/05/2023

Name	00:00	01:00	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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	37.30	32.61	27.37	31.42	26.35	26.10	25.41	21.21	21.22	23.41	25.28	23.33	23.46	19.41	17.31	17.88	21.54	24.72	31.61	33.22	26.60	28.19	22.03	20.28	18.79
24138	1.26	1.19	0.96	0.98	0.77	0.80	0.81	0.84	1.06	1.13	1.30	1.15	1.13	0.98	0.97	1.03	1.32	1.57	2.01	2.18	1.71	1.76	1.28	1.12	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.26	32.56	27.34	31.36	26.32	26.07	25.37	21.17	21.19	23.38	25.23	23.30	23.42	19.38	17.28	17.84	21.50	24.67	31.55	33.18	26.56	28.14	21.99	20.25	18.76
24260	1.22	1.14	0.92	0.93	0.74	0.77	0.77	0.80	1.03	1.10	1.26	1.11	1.09	0.94	0.94	1.00	1.28	1.52	1.95	2.14	1.66	1.71	1.24	1.09	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.26	32.56	27.34	31.36	26.32	26.07	25.37	21.17	21.19	23.38	25.23	23.30	23.42	19.38	17.28	17.84	21.50	24.67	31.55	33.18	26.56	28.14	21.99	20.25	18.76
24261	1.22	1.14	0.92	0.93	0.74	0.77	0.77	0.80	1.03	1.10	1.26	1.11	1.09	0.94	0.94	1.00	1.28	1.52	1.95	2.14	1.66	1.71	1.24	1.09	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.67	32.80	27.62	31.91	26.68	26.38	25.78	21.44	21.45	23.70	25.50	23.41	23.51	19.40	17.10	17.73	21.61	24.60	31.59	33.05	26.20	27.72	21.67	20.09	18.80
24011	1.63	1.38	1.20	1.48	1.10	1.08	1.19	1.08	1.29	1.42	1.52	1.23	1.18	0.96	0.76	0.89	1.38	1.46	2.00	2.01	1.31	1.29	0.92	0.92	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.87	32.95	27.75	32.13	26.81	26.51	25.94	21.60	21.68	23.94	25.76	23.58	23.69	19.52	17.20	17.87	21.85	24.83	31.92	33.38	26.36	27.87	21.82	20.22	18.91
23798	1.84	1.53	1.34	1.70	1.24	1.20	1.35	1.24	1.52	1.66	1.79	1.39	1.36	1.08	0.86	1.03	1.62	1.69	2.32	2.34	1.47	1.44	1.07	1.05	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.67	32.80	27.62	31.91	26.68	26.38	25.78	21.44	21.45	23.70	25.50	23.41	23.51	19.40	17.10	17.73	21.61	24.60	31.59	33.05	26.20	27.72	21.67	20.09	18.80
24028	1.63	1.38	1.20	1.48	1.10	1.08	1.19	1.08	1.29	1.42	1.52	1.23	1.18	0.96	0.76	0.89	1.38	1.46	2.00	2.01	1.31	1.29	0.92	0.92	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.68	32.03	26.99	31.17	26.04	25.76	25.14	20.77	20.74	22.87	24.55	22.50	22.62	18.70	16.61	17.23	20.97	24.02	30.76	32.19	25.63	27.26	21.32	19.66	18.40
23527	0.65	0.61	0.58	0.74	0.46	0.45	0.55	0.40	0.58	0.59	0.58	0.31	0.30	0.26	0.27	0.39	0.74	0.88	1.16	1.16	0.74	0.83	0.57	0.50	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.04	31.48	26.46	30.51	25.59	25.33	24.65	20.44	20.36	22.44	24.00	22.03	22.16	18.32	16.30	16.87	20.41	23.41	29.98	31.39	25.07	26.59	20.80	19.17	17.86
24190	0.00	0.06	0.05	0.07	0.01	0.03	0.06	0.07	0.21	0.17	0.03	-0.15	-0.17	-0.12	-0.04	0.02	0.19	0.26	0.38	0.35	0.17	0.16	0.04	0.00	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.33	31.66	26.60	30.69	25.82	25.53	24.84	20.55	20.15	22.29	23.97	22.31	22.48	18.57	16.44	16.94	20.24	23.07	29.46	30.84	24.81	26.42	20.80	19.22	18.00
355683	0.30	0.25	0.19	0.26	0.24	0.22	0.25	0.18	-0.01	0.01	0.00	0.13	0.15	0.13	0.10	0.10	0.02	-0.07	-0.14	-0.20	-0.08	-0.01	0.05	0.05	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.04	31.48	26.46	30.51	25.59	25.33	24.65	20.44	20.36	22.44	24.00	22.03	22.16	18.32	16.30	16.87	20.41	23.41	29.98	31.39	25.07	26.59	20.80	19.17	17.86
23571	0.00	0.06	0.05	0.07	0.01	0.03	0.06	0.07	0.21	0.17	0.03	-0.15	-0.17	-0.12	-0.04	0.02	0.19	0.26	0.38	0.35	0.17	0.16	0.04	0.00	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.04	31.48	26.46	30.51	25.59	25.33	24.65	20.44	20.36	22.44	24.00	22.03	22.16	18.32	16.30	16.87	20.41	23.41	29.98	31.39	25.07	26.59	20.80	19.17	17.86
23572	0.00	0.06	0.05	0.07	0.01	0.03	0.06	0.07	0.21	0.17	0.03	-0.15	-0.17	-0.12	-0.04	0.02	0.19	0.26	0.38	0.35	0.17	0.16	0.04	0.00	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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___3	36.04	31.48	26.46	30.51	25.59	25.33	24.65	20.44	20.36	22.44	24.00	22.03	22.16	18.32	16.30	16.87	20.41	23.41	29.98	31.39	25.07	26.59	20.80	19.17	17.86
23573	0.00	0.06	0.05	0.07	0.01	0.03	0.06	0.07	0.21	0.17	0.03	-0.15	-0.17	-0.12	-0.04	0.02	0.19	0.26	0.38	0.35	0.17	0.16	0.04	0.00	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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___4	36.04	31.48	26.46	30.51	25.59	25.33	24.65	20.44	20.36	22.44	24.00	22.03	22.16	18.32	16.30	16.87	20.41	23.41	29.98	31.39	25.07	26.59	20.80	19.17	17.86

23574	0.00 0.00	0.06 0.00	0.05 0.00	0.07 0.00	0.01 0.00	0.03 0.00	0.06 0.00	0.07 0.00	0.21 0.00	0.17 0.00	0.03 0.00	-0.15 0.00	-0.17 0.00	-0.12 0.00	-0.04 0.00	0.02 0.00	0.19 0.00	0.26 0.00	0.38 0.00	0.35 0.00	0.17 0.00	0.16 0.00	0.04 0.00	0.00 0.00	-0.08 0.00
ALBANY___LFGE 323615	36.34 0.30 0.00	31.73 0.31 0.00	26.68 0.27 0.00	30.76 0.33 0.00	25.79 0.21 0.00	25.54 0.23 0.00	24.86 0.27 0.00	20.61 0.25 0.00	20.54 0.38 0.00	22.64 0.37 0.00	24.25 0.27 0.00	22.28 0.09 0.00	22.40 0.07 0.00	18.52 0.08 0.00	16.48 0.13 0.00	17.05 0.20 0.00	20.64 0.41 0.00	23.67 0.53 0.00	30.32 0.72 0.00	31.75 0.71 0.00	25.35 0.45 0.00	26.88 0.45 0.00	21.02 0.26 0.00	19.36 0.20 0.00	18.04 0.10 0.00
ALCOA_PA_115KV_PL-6C 55860	36.58 0.54 0.00	31.86 0.44 0.00	26.77 0.36 0.00	30.89 0.45 0.00	25.99 0.41 0.00	25.70 0.40 0.00	25.01 0.42 0.00	20.68 0.31 0.00	20.26 0.10 0.00	22.41 0.13 0.00	24.10 0.13 0.00	22.43 0.24 0.00	22.62 0.29 0.00	18.67 0.24 0.00	16.53 0.19 0.00	17.04 0.19 0.00	20.36 0.14 0.00	23.22 0.08 0.00	29.63 0.03 0.00	31.00 -0.04 0.00	24.94 0.04 0.00	26.56 0.13 0.00	20.94 0.18 0.00	19.34 0.18 0.00	18.13 0.18 0.00
ALCOA_RYNLDS___DRP 24188	36.58 0.54 0.00	31.86 0.44 0.00	26.77 0.36 0.00	30.89 0.45 0.00	25.99 0.41 0.00	25.70 0.40 0.00	25.01 0.42 0.00	20.68 0.31 0.00	20.26 0.10 0.00	22.41 0.13 0.00	24.10 0.13 0.00	22.43 0.24 0.00	22.62 0.29 0.00	18.67 0.24 0.00	16.53 0.19 0.00	17.04 0.19 0.00	20.36 0.14 0.00	23.22 0.08 0.00	29.63 0.03 0.00	31.00 -0.04 0.00	24.94 0.04 0.00	26.56 0.13 0.00	20.94 0.18 0.00	19.34 0.18 0.00	18.13 0.18 0.00
ALCOA___DSASP 323711	36.58 0.54 0.00	31.86 0.44 0.00	26.77 0.36 0.00	30.89 0.45 0.00	25.99 0.41 0.00	25.70 0.40 0.00	25.01 0.42 0.00	20.68 0.31 0.00	20.26 0.10 0.00	22.41 0.13 0.00	24.10 0.13 0.00	22.43 0.24 0.00	22.62 0.29 0.00	18.67 0.24 0.00	16.53 0.19 0.00	17.04 0.19 0.00	20.36 0.14 0.00	23.22 0.08 0.00	29.63 0.03 0.00	31.00 -0.04 0.00	24.94 0.04 0.00	26.56 0.13 0.00	20.94 0.18 0.00	19.34 0.18 0.00	18.12 0.18 0.00
ALLEGHENY___COGEN 23514	37.49 1.45 0.00	32.53 1.11 0.00	27.38 0.97 0.00	31.51 1.08 0.00	26.46 0.88 0.00	26.12 0.82 0.00	25.30 0.71 0.00	20.94 0.57 0.00	21.05 0.89 0.00	23.38 1.11 0.00	25.28 1.31 0.00	23.09 0.90 0.00	23.03 0.71 0.00	18.86 0.42 0.00	16.53 0.19 0.00	16.87 0.03 0.00	20.44 0.22 0.00	23.80 0.65 0.00	30.94 1.34 0.00	32.63 1.59 0.00	26.20 1.31 0.00	27.65 1.22 0.00	21.62 0.87 0.00	20.03 0.86 0.00	18.90 0.96 0.00
ALTAMONT_115KV_TB 2 55880	36.44 0.40 0.00	31.82 0.40 0.00	26.76 0.34 0.00	30.82 0.39 0.00	25.88 0.30 0.00	25.61 0.31 0.00	24.91 0.32 0.00	20.65 0.28 0.00	20.58 0.42 0.00	22.70 0.43 0.00	24.39 0.41 0.00	22.44 0.25 0.00	22.55 0.23 0.00	18.65 0.21 0.00	16.57 0.23 0.00	17.13 0.28 0.00	20.70 0.48 0.00	23.75 0.61 0.00	30.42 0.82 0.00	31.89 0.84 0.00	25.49 0.60 0.00	27.02 0.60 0.00	21.15 0.40 0.00	19.50 0.34 0.00	18.17 0.23 0.00
ALTONA_WT_PWR 323606	37.47 1.43 0.00	32.43 1.02 0.00	27.26 0.84 0.00	31.56 1.12 0.00	26.57 0.99 0.00	26.26 0.95 0.00	25.65 1.06 0.00	21.31 0.94 0.00	20.96 0.80 0.00	23.15 0.87 0.00	24.92 0.95 0.00	23.09 0.91 0.00	23.24 0.91 0.00	19.01 0.58 0.00	16.81 0.47 0.00	17.28 0.44 0.00	20.83 0.61 0.00	23.93 0.78 0.00	30.80 1.20 0.00	32.18 1.14 0.00	25.78 0.89 0.00	27.43 1.00 0.00	21.57 0.82 0.00	19.89 0.73 0.00	18.63 0.69 0.00
AMERICAN_REF_FUEL 24010	35.01 -1.03 0.00	30.41 -1.01 0.00	25.73 -0.68 0.00	29.59 -0.84 0.00	24.86 -0.71 0.00	24.52 -0.78 0.00	23.70 -0.89 0.00	19.52 -0.85 0.00	19.44 -0.71 0.00	21.68 -0.59 0.00	23.47 -0.50 0.00	21.68 -0.51 0.00	21.85 -0.48 0.00	18.00 -0.44 0.00	15.85 -0.49 0.00	16.16 -0.69 0.00	19.48 -0.74 0.00	22.27 -0.87 0.00	28.27 -1.33 0.00	29.67 -1.37 0.00	23.81 -1.09 0.00	25.13 -1.30 0.00	19.76 -1.00 0.00	18.43 -0.74 0.00	17.62 -0.32 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.10 1.06 0.00	32.14 0.72 0.00	27.05 0.64 0.00	31.18 0.75 0.00	26.10 0.52 0.00	25.72 0.42 0.00	24.78 0.19 0.00	20.34 -0.03 0.00	20.54 0.38 0.00	22.93 0.65 0.00	24.85 0.88 0.00	22.95 0.77 0.00	23.17 0.84 0.00	19.03 0.59 0.00	16.68 0.34 0.00	17.03 0.19 0.00	20.59 0.37 0.00	23.63 0.49 0.00	30.23 0.63 0.00	31.90 0.86 0.00	25.59 0.69 0.00	26.94 0.51 0.00	21.08 0.32 0.00	19.64 0.47 0.00	18.56 0.61 0.00
ARTHUR KILL_GT_1 23520	37.23 1.19 0.00	32.56 1.14 0.00	27.47 1.06 0.00	31.50 1.07 0.00	26.48 0.90 0.00	26.24 0.93 0.00	25.51 0.92 0.00	21.28 0.91 0.00	21.30 1.14 0.00	23.46 1.19 0.00	25.31 1.33 0.00	23.35 1.16 0.00	23.46 1.14 0.00	19.42 0.99 0.00	17.27 0.92 0.00	17.82 0.98 0.00	21.49 1.26 0.00	24.67 1.53 0.00	31.40 1.80 0.00	33.07 2.02 0.00	26.61 1.71 -0.01	28.21 1.77 -0.01	22.07 1.31 -0.01	20.34 1.17 0.00	18.84 0.89 0.00
ARTHUR_KILL_2 23512	37.14 1.10 0.00	32.47 1.05 0.00	27.40 0.99 0.00	31.42 0.98 0.00	26.41 0.83 0.00	26.16 0.86 0.00	25.44 0.85 0.00	21.22 0.85 0.00	21.24 1.08 0.00	23.40 1.13 0.00	25.24 1.27 0.00	23.29 1.10 0.00	23.40 1.07 0.00	19.38 0.94 0.00	17.22 0.88 0.00	17.77 0.93 0.00	21.43 1.21 0.00	24.61 1.46 0.00	31.30 1.70 0.00	32.98 1.93 0.00	26.52 1.62 -0.01	28.13 1.69 -0.01	22.01 1.25 -0.01	20.28 1.11 0.00	18.79 0.84 0.00
ARTHUR_KILL_3 23513	36.88 0.84 0.00	32.25 0.83 0.00	27.08 0.67 0.00	31.07 0.64 0.00	26.07 0.49 0.00	25.84 0.54 0.00	25.13 0.54 0.00	20.98 0.62 0.00	21.00 0.84 0.00	23.15 0.87 0.00	24.98 1.00 0.00	23.06 0.87 0.00	23.17 0.85 0.00	19.18 0.74 0.00	17.10 0.76 0.00	17.65 0.81 0.00	21.27 1.05 0.00	24.40 1.26 0.00	31.18 1.58 0.00	32.81 1.77 0.00	26.28 1.38 0.00	27.86 1.43 0.00	21.78 1.02 0.00	20.06 0.90 0.00	18.57 0.63 0.00
ARTHUR_KILL_COGEN 323718	37.23 1.19 0.00	32.56 1.14 0.00	27.47 1.06 0.00	31.50 1.07 0.00	26.48 0.90 0.00	26.24 0.93 0.00	25.51 0.92 0.00	21.28 0.91 0.00	21.30 1.14 0.00	23.46 1.19 0.00	25.31 1.33 0.00	23.35 1.16 0.00	23.46 1.14 0.00	19.42 0.99 0.00	17.27 0.92 0.00	17.82 0.98 0.00	21.49 1.26 0.00	24.67 1.53 0.00	31.40 1.80 0.00	33.07 2.02 0.00	26.61 1.71 -0.01	28.21 1.77 -0.01	22.07 1.31 -0.01	20.34 1.17 0.00	18.84 0.89 0.00
ASHOKAN____ 23654	37.06 1.02 0.00	32.32 0.90 0.00	27.16 0.74 0.00	31.26 0.82 0.00	26.23 0.65 0.00	25.97 0.67 0.00	25.29 0.69 0.00	21.02 0.66 0.00	21.03 0.87 0.00	23.18 0.91 0.00	24.79 0.82 0.00	22.84 0.65 0.00	22.88 0.55 0.00	18.89 0.45 0.00	16.93 0.58 0.00	17.47 0.63 0.00	21.09 0.86 0.00	24.38 1.23 0.00	31.38 1.78 0.00	32.90 1.86 0.00	26.28 1.38 0.00	27.79 1.36 0.00	21.69 0.93 0.00	19.93 0.77 0.00	18.50 0.56 0.00
ASTORIA_EAST_ENERGY_CC1	36.89	32.27	27.12	31.09	26.08	25.86	25.17	21.02	21.08	23.24	25.03	23.12	23.24	19.29	17.18	17.74	21.39	24.48	31.25	32.89	26.35	27.91	21.85	20.14	18.67

323581		0.85 0.00	0.85 0.00	0.71 0.00	0.66 0.00	0.51 0.00	0.56 0.00	0.57 0.00	0.66 0.00	0.92 0.00	0.97 0.00	1.06 0.00	0.93 0.00	0.92 0.00	0.85 0.00	0.84 0.00	0.90 0.00	1.17 0.00	1.34 0.00	1.65 0.00	1.85 0.00	1.45 0.00	1.48 0.00	1.09 0.00	0.98 0.00	0.73 0.00
ASTORIA_EAST_ENERGY_CC2 323582		36.89 0.85 0.00	32.27 0.85 0.00	27.12 0.71 0.00	31.09 0.66 0.00	26.08 0.51 0.00	25.86 0.56 0.00	25.17 0.58 0.00	21.02 0.66 0.00	21.08 0.92 0.00	23.24 0.97 0.00	25.03 1.06 0.00	23.12 0.93 0.00	23.24 0.92 0.00	19.29 0.85 0.00	17.18 0.84 0.00	17.74 0.90 0.00	21.39 1.17 0.00	24.48 1.34 0.00	31.25 1.65 0.00	32.89 1.85 0.00	26.35 1.45 0.00	27.91 1.48 0.00	21.85 1.09 0.00	20.14 0.98 0.00	18.67 0.73 0.00
ASTORIA_GT2_1 24094		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT2_2 24095		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT2_3 24096		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT2_4 24097		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT3_1 24098		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT3_2 24099		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT3_3 24100		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT3_4 24101		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT4_1 24102		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT4_2 24103		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT4_3 24104		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT4_4 24105		36.92 0.88 0.00	32.29 0.88 0.00	27.13 0.72 0.00	31.10 0.67 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.66 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.51 1.36 0.00	31.27 1.67 0.00	32.91 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.15 0.99 0.00	18.68 0.74 0.00
ASTORIA_GT_1 23523		36.97 0.93 0.00	32.33 0.92 0.00	27.17 0.76 0.00	31.15 0.72 0.00	26.13 0.55 0.00	25.91 0.60 0.00	25.21 0.62 0.00	21.06 0.69 0.00	21.13 0.96 0.00	23.29 1.02 0.00	25.09 1.12 0.00	23.17 0.98 0.00	23.30 0.97 0.00	19.34 0.90 0.00	17.23 0.89 0.00	17.79 0.95 0.00	21.45 1.22 0.00	24.55 1.40 0.00	31.32 1.72 0.00	32.96 1.92 0.00	26.40 1.51 0.00	27.96 1.54 0.00	21.90 1.14 0.00	20.20 1.03 0.00	18.71 0.77 0.00
ASTORIA_GT_10		36.95	32.31	27.15	31.13	26.12	25.88	25.19	21.02	21.05	23.21	25.03	23.11	23.23	19.26	17.18	17.73	21.34	24.48	31.27	32.91	26.35	27.91	21.83	20.11	18.63

24110	0.91 0.00	0.89 0.00	0.73 0.00	0.70 0.00	0.54 0.00	0.58 0.00	0.60 0.00	0.65 0.00	0.90 0.00	0.93 0.00	1.06 0.00	0.92 0.00	0.90 0.00	0.82 0.00	0.83 0.00	0.89 0.00	1.12 0.00	1.33 0.00	1.67 0.00	1.87 0.00	1.45 0.00	1.48 0.00	1.08 0.00	0.94 0.00	0.69 0.00
ASTORIA_GT_11 24225	36.95 0.91 0.00	32.31 0.89 0.00	27.15 0.73 0.00	31.13 0.70 0.00	26.12 0.54 0.00	25.88 0.58 0.00	25.19 0.60 0.00	21.02 0.65 0.00	21.05 0.90 0.00	23.21 0.93 0.00	25.03 1.06 0.00	23.11 0.92 0.00	23.23 0.90 0.00	19.26 0.82 0.00	17.18 0.83 0.00	17.73 0.89 0.00	21.34 1.12 0.00	24.48 1.33 0.00	31.27 1.67 0.00	32.91 1.87 0.00	26.35 1.45 0.00	27.91 1.48 0.00	21.83 1.08 0.00	20.11 0.94 0.00	18.63 0.69 0.00
ASTORIA_GT_12 24226	36.95 0.91 0.00	32.31 0.89 0.00	27.15 0.73 0.00	31.13 0.70 0.00	26.12 0.54 0.00	25.88 0.58 0.00	25.19 0.60 0.00	21.02 0.65 0.00	21.05 0.90 0.00	23.21 0.93 0.00	25.03 1.06 0.00	23.11 0.92 0.00	23.23 0.90 0.00	19.26 0.82 0.00	17.18 0.83 0.00	17.73 0.89 0.00	21.34 1.12 0.00	24.48 1.33 0.00	31.27 1.67 0.00	32.91 1.87 0.00	26.35 1.45 0.00	27.91 1.48 0.00	21.83 1.08 0.00	20.11 0.94 0.00	18.63 0.69 0.00
ASTORIA_GT_13 24227	36.95 0.91 0.00	32.31 0.89 0.00	27.15 0.73 0.00	31.13 0.70 0.00	26.12 0.54 0.00	25.88 0.58 0.00	25.19 0.60 0.00	21.02 0.65 0.00	21.05 0.90 0.00	23.21 0.93 0.00	25.03 1.06 0.00	23.11 0.92 0.00	23.23 0.90 0.00	19.26 0.82 0.00	17.18 0.83 0.00	17.73 0.89 0.00	21.34 1.12 0.00	24.48 1.33 0.00	31.27 1.67 0.00	32.91 1.87 0.00	26.35 1.45 0.00	27.91 1.48 0.00	21.83 1.08 0.00	20.11 0.94 0.00	18.63 0.69 0.00
ASTORIA_GT_5 24106	36.97 0.93 0.00	32.33 0.92 0.00	27.17 0.76 0.00	31.15 0.72 0.00	26.13 0.55 0.00	25.91 0.60 0.00	25.21 0.62 0.00	21.06 0.69 0.00	21.13 0.96 0.00	23.29 1.02 0.00	25.09 1.12 0.00	23.17 0.98 0.00	23.30 0.97 0.00	19.34 0.90 0.00	17.23 0.89 0.00	17.79 0.95 0.00	21.45 1.22 0.00	24.55 1.40 0.00	31.32 1.72 0.00	32.96 1.92 0.00	26.40 1.51 0.00	27.96 1.54 0.00	21.90 1.14 0.00	20.20 1.03 0.00	18.71 0.77 0.00
ASTORIA_GT_7 24107	36.97 0.93 0.00	32.33 0.92 0.00	27.17 0.76 0.00	31.15 0.72 0.00	26.13 0.55 0.00	25.91 0.60 0.00	25.21 0.62 0.00	21.06 0.69 0.00	21.13 0.96 0.00	23.29 1.02 0.00	25.09 1.12 0.00	23.17 0.98 0.00	23.30 0.97 0.00	19.34 0.90 0.00	17.23 0.89 0.00	17.79 0.95 0.00	21.45 1.22 0.00	24.55 1.40 0.00	31.32 1.72 0.00	32.96 1.92 0.00	26.40 1.51 0.00	27.96 1.54 0.00	21.90 1.14 0.00	20.20 1.03 0.00	18.71 0.77 0.00
ASTORIA_GT_8 24108	36.97 0.93 0.00	32.34 0.92 0.00	27.17 0.76 0.00	31.14 0.70 0.00	26.13 0.55 0.00	25.91 0.60 0.00	25.21 0.62 0.00	21.06 0.70 0.00	21.13 0.96 0.00	23.29 1.02 0.00	25.09 1.12 0.00	23.17 0.98 0.00	23.30 0.97 0.00	19.34 0.90 0.00	17.23 0.89 0.00	17.79 0.95 0.00	21.45 1.23 0.00	24.55 1.40 0.00	31.32 1.73 0.00	32.96 1.92 0.00	26.40 1.51 0.00	27.96 1.54 0.00	21.90 1.14 0.00	20.19 1.03 0.00	18.71 0.77 0.00
ASTORIA___2 24149	36.92 0.88 0.00	32.29 0.87 0.00	27.13 0.72 0.00	31.12 0.68 0.00	26.10 0.52 0.00	25.87 0.57 0.00	25.18 0.59 0.00	21.03 0.67 0.00	21.09 0.93 0.00	23.25 0.98 0.00	25.05 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.30 0.86 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.18 0.00	24.50 1.35 0.00	31.27 1.67 0.00	32.90 1.86 0.00	26.36 1.47 0.00	27.91 1.49 0.00	21.86 1.10 0.00	20.16 0.99 0.00	18.68 0.73 0.00
ASTORIA___3 23516	36.95 0.91 0.00	32.31 0.89 0.00	27.14 0.73 0.00	31.14 0.71 0.00	26.12 0.54 0.00	25.88 0.58 0.00	25.19 0.60 0.00	21.02 0.65 0.00	21.05 0.90 0.00	23.21 0.93 0.00	25.03 1.06 0.00	23.11 0.92 0.00	23.23 0.90 0.00	19.25 0.81 0.00	17.18 0.84 0.00	17.73 0.89 0.00	21.34 1.11 0.00	24.47 1.33 0.00	31.27 1.67 0.00	32.91 1.87 0.00	26.35 1.45 0.00	27.91 1.48 0.00	21.83 1.08 0.00	20.11 0.95 0.00	18.63 0.69 0.00
ASTORIA___4 23517	36.95 0.91 0.00	32.31 0.89 0.00	27.15 0.73 0.00	31.13 0.70 0.00	26.12 0.54 0.00	25.88 0.58 0.00	25.19 0.60 0.00	21.02 0.65 0.00	21.05 0.90 0.00	23.21 0.93 0.00	25.03 1.06 0.00	23.11 0.92 0.00	23.23 0.90 0.00	19.26 0.82 0.00	17.18 0.83 0.00	17.73 0.89 0.00	21.34 1.12 0.00	24.48 1.33 0.00	31.27 1.67 0.00	32.91 1.87 0.00	26.35 1.45 0.00	27.91 1.48 0.00	21.83 1.08 0.00	20.11 0.94 0.00	18.63 0.69 0.00
ASTORIA___5 23518	36.95 0.91 0.00	32.31 0.89 0.00	27.14 0.73 0.00	31.14 0.71 0.00	26.12 0.54 0.00	25.88 0.58 0.00	25.19 0.60 0.00	21.02 0.65 0.00	21.05 0.90 0.00	23.21 0.93 0.00	25.03 1.06 0.00	23.11 0.92 0.00	23.23 0.90 0.00	19.25 0.81 0.00	17.18 0.84 0.00	17.73 0.89 0.00	21.34 1.11 0.00	24.47 1.33 0.00	31.27 1.67 0.00	32.91 1.87 0.00	26.35 1.45 0.00	27.91 1.48 0.00	21.83 1.08 0.00	20.11 0.95 0.00	18.63 0.69 0.00
AST_ENERGY_2_CC3 323677	36.87 0.83 0.00	32.23 0.81 0.00	27.07 0.66 0.00	31.07 0.64 0.00	26.07 0.49 0.00	25.82 0.52 0.00	25.12 0.53 0.00	20.98 0.62 0.00	21.00 0.84 0.00	23.16 0.88 0.00	24.98 1.00 0.00	23.06 0.88 0.00	23.18 0.85 0.00	19.20 0.76 0.00	17.12 0.78 0.00	17.67 0.83 0.00	21.30 1.07 0.00	24.43 1.28 0.00	31.21 1.61 0.00	32.83 1.79 0.00	26.28 1.39 0.00	27.85 1.42 0.00	21.79 1.03 0.00	20.07 0.90 0.00	18.58 0.64 0.00
AST_ENERGY_2_CC4 323678	36.87 0.83 0.00	32.23 0.81 0.00	27.07 0.66 0.00	31.07 0.64 0.00	26.07 0.49 0.00	25.82 0.52 0.00	25.12 0.53 0.00	20.98 0.62 0.00	21.00 0.84 0.00	23.16 0.88 0.00	24.98 1.00 0.00	23.06 0.88 0.00	23.18 0.85 0.00	19.20 0.76 0.00	17.12 0.78 0.00	17.67 0.83 0.00	21.30 1.07 0.00	24.43 1.28 0.00	31.21 1.61 0.00	32.83 1.79 0.00	26.28 1.39 0.00	27.85 1.42 0.00	21.79 1.03 0.00	20.07 0.90 0.00	18.58 0.64 0.00
ATHENS_STG_1 23668	36.46 0.42 0.00	31.85 0.43 0.00	26.78 0.36 0.00	30.82 0.39 0.00	25.88 0.30 0.00	25.62 0.31 0.00	24.89 0.30 0.00	20.66 0.29 0.00	20.62 0.46 0.00	22.75 0.47 0.00	24.49 0.51 0.00	22.56 0.38 0.00	22.68 0.35 0.00	18.75 0.31 0.00	16.67 0.33 0.00	17.23 0.39 0.00	20.81 0.58 0.00	23.87 0.73 0.00	30.54 0.94 0.00	32.06 1.02 0.00	25.67 0.77 0.00	27.19 0.76 0.00	21.28 0.52 0.00	19.62 0.45 0.00	18.25 0.30 0.00
ATHENS_STG_2 23670	36.46 0.42 0.00	31.85 0.43 0.00	26.78 0.36 0.00	30.82 0.39 0.00	25.88 0.30 0.00	25.62 0.31 0.00	24.89 0.30 0.00	20.66 0.29 0.00	20.62 0.46 0.00	22.75 0.47 0.00	24.49 0.51 0.00	22.56 0.38 0.00	22.68 0.35 0.00	18.75 0.31 0.00	16.67 0.33 0.00	17.23 0.39 0.00	20.81 0.58 0.00	23.87 0.73 0.00	30.54 0.94 0.00	32.06 1.02 0.00	25.67 0.77 0.00	27.19 0.76 0.00	21.28 0.52 0.00	19.62 0.45 0.00	18.25 0.30 0.00
ATHENS_STG_3	36.46	31.85	26.78	30.82	25.88	25.62	24.89	20.66	20.62	22.75	24.49	22.56	22.68	18.75	16.67	17.23	20.81	23.87	30.54	32.06	25.67	27.19	21.28	19.62	18.25

23677	0.42 0.00	0.43 0.00	0.36 0.00	0.39 0.00	0.30 0.00	0.31 0.00	0.30 0.00	0.29 0.00	0.46 0.00	0.47 0.00	0.51 0.00	0.38 0.00	0.35 0.00	0.31 0.00	0.33 0.00	0.39 0.00	0.58 0.00	0.73 0.00	0.94 0.00	1.02 0.00	0.77 0.00	0.76 0.00	0.52 0.00	0.45 0.00	0.30 0.00
AUBURN___LFGE 323710	36.38 0.34 0.00	31.53 0.11 0.00	26.55 0.14 0.00	30.67 0.24 0.00	25.68 0.11 0.00	25.43 0.12 0.00	24.72 0.13 0.00	20.50 0.13 0.00	20.34 0.19 0.00	22.58 0.30 0.00	24.29 0.31 0.00	22.48 0.29 0.00	22.58 0.25 0.00	18.63 0.19 0.00	16.36 0.02 0.00	16.82 -0.02 0.00	20.35 0.13 0.00	23.46 0.31 0.00	30.05 0.45 0.00	31.49 0.45 0.00	25.26 0.37 0.00	26.76 0.33 0.00	20.91 0.16 0.00	19.33 0.16 0.00	18.22 0.28 0.00
BABYLON_RES_REC 323704	37.61 1.57 0.00	33.01 1.60 0.00	27.69 1.28 0.00	31.74 1.30 0.00	26.60 1.02 0.00	26.36 1.06 0.00	25.63 1.04 0.00	21.38 1.01 0.00	21.43 1.27 0.00	23.56 1.28 0.00	25.35 1.37 0.00	23.46 1.27 0.00	23.59 1.26 0.00	19.45 1.01 0.00	17.35 1.01 0.00	17.99 1.15 0.00	21.67 1.45 0.00	24.90 1.76 0.00	31.95 2.35 0.00	33.61 2.57 0.00	26.85 1.95 0.00	28.33 1.90 0.00	22.18 1.43 0.00	20.45 1.28 0.00	18.99 1.04 0.00
BABYLON__69_KV_BK2 356345	37.99 1.95 0.00	33.35 1.93 0.00	27.97 1.56 0.00	32.03 1.60 0.00	26.85 1.28 0.00	26.62 1.31 0.00	25.86 1.27 0.00	21.58 1.21 0.00	21.64 1.48 0.00	23.79 1.52 0.00	25.61 1.64 0.00	23.71 1.53 0.00	23.85 1.52 0.00	19.65 1.21 0.00	17.52 1.18 0.00	18.18 1.34 0.00	21.91 1.69 0.00	25.18 2.04 0.00	32.33 2.73 0.00	34.00 2.96 0.00	27.15 2.26 0.00	28.64 2.21 0.00	22.42 1.66 0.00	20.66 1.49 0.00	19.18 1.24 0.00
BALL_HILL_WT_PWR 323825	36.57 0.53 0.00	31.70 0.29 0.00	26.72 0.30 0.00	30.78 0.35 0.00	25.78 0.20 0.00	25.41 0.10 0.00	24.52 -0.08 0.00	20.20 -0.17 0.00	20.33 0.17 0.00	22.63 0.35 0.00	24.54 0.57 0.00	22.63 0.44 0.00	22.83 0.50 0.00	18.76 0.32 0.00	16.48 0.14 0.00	16.82 -0.02 0.00	20.32 0.09 0.00	23.26 0.12 0.00	29.66 0.07 0.00	31.30 0.26 0.00	25.10 0.21 0.00	26.46 0.03 0.00	20.72 -0.04 0.00	19.31 0.14 0.00	18.30 0.36 0.00
BARON_WINDS___WT_PWR 323822	36.63 0.59 0.00	31.78 0.36 0.00	26.74 0.33 0.00	30.81 0.38 0.00	25.82 0.24 0.00	25.46 0.15 0.00	24.57 -0.02 0.00	20.29 -0.08 0.00	20.46 0.30 0.00	22.65 0.37 0.00	24.57 0.59 0.00	22.64 0.45 0.00	22.80 0.48 0.00	18.76 0.32 0.00	16.45 0.11 0.00	16.84 -0.01 0.00	20.37 0.14 0.00	23.43 0.28 0.00	29.95 0.35 0.00	31.61 0.57 0.00	25.35 0.46 0.00	26.74 0.31 0.00	20.95 0.19 0.00	19.49 0.33 0.00	18.36 0.42 0.00
BARRETT_IC_1 23704	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT_IC_10 23701	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT_IC_11 23702	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT_IC_12 23703	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT_IC_2 23705	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT_IC_3 23706	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT_IC_4 23707	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT_IC_5 23708	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT_IC_6 23709	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT_IC_7	37.22	32.76	27.46	31.49	26.40	26.17	25.44	21.19	21.21	23.32	25.16	23.31	23.49	19.34	17.23	17.84	21.49	24.65	31.60	33.22	26.56	28.05	21.97	20.28	18.85

23710	1.18 0.00	1.34 0.00	1.05 0.00	1.06 0.00	0.82 0.00	0.87 0.00	0.85 0.00	0.83 0.00	1.05 0.00	1.05 0.00	1.19 0.00	1.13 0.00	1.17 0.00	0.90 0.00	0.89 0.00	0.99 0.00	1.27 0.00	1.50 0.00	2.00 0.00	2.18 0.00	1.67 0.00	1.62 0.00	1.21 0.00	1.12 0.00	0.90 0.00
BARRETT_IC_8 23711	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT_IC_9 23700	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT___1 23545	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BARRETT___2 23546	37.22 1.18 0.00	32.76 1.34 0.00	27.46 1.05 0.00	31.50 1.07 0.00	26.40 0.82 0.00	26.17 0.87 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.21 1.05 0.00	23.32 1.05 0.00	25.16 1.19 0.00	23.31 1.13 0.00	23.49 1.17 0.00	19.33 0.89 0.00	17.23 0.89 0.00	17.84 0.99 0.00	21.49 1.27 0.00	24.64 1.50 0.00	31.60 2.00 0.00	33.22 2.18 0.00	26.56 1.67 0.00	28.05 1.62 0.00	21.97 1.21 0.00	20.29 1.13 0.00	18.85 0.90 0.00
BATAVIA___115KV_TB1 55881	36.37 0.33 0.00	31.55 0.13 0.00	26.64 0.23 0.00	30.70 0.27 0.00	25.74 0.16 0.00	25.39 0.09 0.00	24.60 0.01 0.00	20.32 -0.05 0.00	20.29 0.13 0.00	22.60 0.32 0.00	24.40 0.43 0.00	22.42 0.24 0.00	22.49 0.16 0.00	18.49 0.05 0.00	16.33 -0.01 0.00	16.64 -0.20 0.00	20.17 -0.05 0.00	23.28 0.14 0.00	29.75 0.15 0.00	31.24 0.20 0.00	25.04 0.15 0.00	26.41 -0.02 0.00	20.70 -0.06 0.00	19.26 0.09 0.00	18.31 0.37 0.00
BAYONEEC___CTG1 323682	37.02 0.98 0.00	32.36 0.95 0.00	27.17 0.76 0.00	31.18 0.75 0.00	26.16 0.58 0.00	25.92 0.62 0.00	25.21 0.63 0.00	21.05 0.68 0.00	21.06 0.91 0.00	23.23 0.95 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.49 1.35 0.00	31.31 1.71 0.00	32.94 1.90 0.00	26.38 1.48 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.63 0.69 0.00
BAYONEEC___CTG10 323750	37.02 0.98 0.00	32.36 0.95 0.00	27.17 0.76 0.00	31.18 0.75 0.00	26.16 0.58 0.00	25.92 0.62 0.00	25.21 0.63 0.00	21.05 0.68 0.00	21.06 0.91 0.00	23.23 0.95 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.49 1.35 0.00	31.31 1.71 0.00	32.94 1.90 0.00	26.38 1.48 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.63 0.69 0.00
BAYONEEC___CTG2 323683	37.02 0.98 0.00	32.36 0.95 0.00	27.17 0.76 0.00	31.18 0.75 0.00	26.16 0.58 0.00	25.92 0.62 0.00	25.21 0.63 0.00	21.05 0.68 0.00	21.06 0.91 0.00	23.23 0.95 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.49 1.35 0.00	31.31 1.71 0.00	32.94 1.90 0.00	26.38 1.48 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.63 0.69 0.00
BAYONEEC___CTG3 323684	37.02 0.98 0.00	32.36 0.95 0.00	27.17 0.76 0.00	31.18 0.75 0.00	26.16 0.58 0.00	25.92 0.62 0.00	25.21 0.63 0.00	21.05 0.68 0.00	21.06 0.91 0.00	23.23 0.95 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.49 1.35 0.00	31.31 1.71 0.00	32.94 1.90 0.00	26.38 1.48 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.63 0.69 0.00
BAYONEEC___CTG4 323685	37.02 0.98 0.00	32.36 0.95 0.00	27.17 0.76 0.00	31.18 0.75 0.00	26.16 0.58 0.00	25.92 0.62 0.00	25.21 0.63 0.00	21.05 0.68 0.00	21.06 0.91 0.00	23.23 0.95 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.49 1.35 0.00	31.31 1.71 0.00	32.94 1.90 0.00	26.38 1.48 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.63 0.69 0.00
BAYONEEC___CTG5 323686	37.02 0.98 0.00	32.36 0.95 0.00	27.17 0.76 0.00	31.18 0.75 0.00	26.16 0.58 0.00	25.92 0.62 0.00	25.21 0.63 0.00	21.05 0.68 0.00	21.06 0.91 0.00	23.23 0.95 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.49 1.35 0.00	31.31 1.71 0.00	32.94 1.90 0.00	26.38 1.48 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.63 0.69 0.00
BAYONEEC___CTG6 323687	37.02 0.98 0.00	32.36 0.95 0.00	27.17 0.76 0.00	31.18 0.75 0.00	26.16 0.58 0.00	25.92 0.62 0.00	25.21 0.63 0.00	21.05 0.68 0.00	21.06 0.91 0.00	23.23 0.95 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.49 1.35 0.00	31.31 1.71 0.00	32.94 1.90 0.00	26.38 1.48 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.63 0.69 0.00
BAYONEEC___CTG7 323688	37.02 0.98 0.00	32.36 0.95 0.00	27.17 0.76 0.00	31.18 0.75 0.00	26.16 0.58 0.00	25.92 0.62 0.00	25.21 0.63 0.00	21.05 0.68 0.00	21.06 0.91 0.00	23.23 0.95 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.49 1.35 0.00	31.31 1.71 0.00	32.94 1.90 0.00	26.38 1.48 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.63 0.69 0.00
BAYONEEC___CTG8 323689	37.02 0.98 0.00	32.36 0.95 0.00	27.17 0.76 0.00	31.18 0.75 0.00	26.16 0.58 0.00	25.92 0.62 0.00	25.21 0.63 0.00	21.05 0.68 0.00	21.06 0.91 0.00	23.23 0.95 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.49 1.35 0.00	31.31 1.71 0.00	32.94 1.90 0.00	26.38 1.48 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.63 0.69 0.00
BAYONEEC___CTG9	37.02	32.36	27.17	31.18	26.16	25.92	25.21	21.05	21.06	23.23	25.07	23.14	23.25	19.25	17.16	17.71	21.36	24.49	31.31	32.94	26.38	27.95	21.85	20.13	18.63

323749	0.98 0.00	0.95 0.00	0.76 0.00	0.75 0.00	0.58 0.00	0.62 0.00	0.63 0.00	0.68 0.00	0.91 0.00	0.95 0.00	1.10 0.00	0.95 0.00	0.93 0.00	0.81 0.00	0.82 0.00	0.87 0.00	1.13 0.00	1.35 0.00	1.71 0.00	1.90 0.00	1.48 0.00	1.53 0.00	1.10 0.00	0.96 0.00	0.69 0.00
BEACON___LESR 323632	36.53 0.49 0.00	31.89 0.47 0.00	26.75 0.34 0.00	30.88 0.45 0.00	25.85 0.27 0.00	25.61 0.30 0.00	24.95 0.36 0.00	20.72 0.35 0.00	20.70 0.54 0.00	22.79 0.51 0.00	24.40 0.43 0.00	22.36 0.18 0.00	22.48 0.15 0.00	18.60 0.16 0.00	16.55 0.21 0.00	17.16 0.32 0.00	20.81 0.59 0.00	23.86 0.72 0.00	30.58 0.98 0.00	31.99 0.95 0.00	25.57 0.67 0.00	27.12 0.68 0.00	21.16 0.40 0.00	19.50 0.33 0.00	18.13 0.18 0.00
BEAVER RIVER___HYD 24048	36.33 0.29 0.00	31.58 0.16 0.00	26.60 0.19 0.00	30.64 0.21 0.00	25.80 0.22 0.00	25.54 0.24 0.00	24.83 0.24 0.00	20.57 0.20 0.00	20.39 0.23 0.00	22.38 0.11 0.00	24.00 0.02 0.00	22.02 -0.16 0.00	22.04 -0.28 0.00	18.16 -0.28 0.00	16.06 -0.34 0.00	16.51 -0.08 0.00	20.08 -0.14 0.00	23.37 0.23 0.00	30.09 0.50 0.00	31.51 0.47 0.00	25.31 0.42 0.00	26.70 0.27 0.00	21.13 0.38 0.00	19.49 0.32 0.00	18.23 0.29 0.00
BEEBEE_GT_13 23619	35.95 -0.08 0.00	31.24 -0.17 0.00	26.35 -0.06 0.00	30.36 -0.08 0.00	25.47 -0.11 0.00	25.14 -0.16 0.00	24.37 -0.22 0.00	20.14 -0.22 0.00	20.09 -0.07 0.00	22.33 0.06 0.00	24.13 0.16 0.00	22.25 0.06 0.00	22.38 0.05 0.00	18.43 -0.01 0.00	16.25 -0.09 0.00	16.65 -0.19 0.00	20.11 -0.12 0.00	23.08 -0.06 0.00	29.45 -0.15 0.00	30.92 -0.12 0.00	24.78 -0.12 0.00	26.19 -0.24 0.00	20.54 -0.21 0.00	19.05 -0.11 0.00	18.04 0.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.37 1.33 0.00	32.66 1.25 0.00	27.46 1.05 0.00	31.47 1.04 0.00	26.42 0.84 0.00	26.17 0.87 0.00	25.46 0.87 0.00	21.25 0.89 0.00	21.29 1.13 0.00	23.47 1.20 0.00	25.35 1.37 0.00	23.40 1.22 0.00	23.52 1.19 0.00	19.48 1.04 0.00	17.35 1.01 0.00	17.91 1.07 0.00	21.58 1.35 0.00	24.77 1.63 0.00	31.63 2.03 0.00	33.32 2.27 0.00	26.70 1.80 -0.01	28.29 1.85 -0.01	22.11 1.35 -0.01	20.35 1.18 0.00	18.85 0.90 0.00
BETHLEHEM___GRP 23843	36.04 0.00 0.00	31.48 0.06 0.00	26.46 0.05 0.00	30.51 0.07 0.00	25.59 0.01 0.00	25.33 0.03 0.00	24.65 0.06 0.00	20.44 0.07 0.00	20.36 0.21 0.00	22.44 0.17 0.00	24.00 0.03 0.00	22.03 -0.15 0.00	22.16 -0.17 0.00	18.32 -0.12 0.00	16.30 -0.04 0.00	16.87 0.02 0.00	20.41 0.19 0.00	23.41 0.26 0.00	29.98 0.38 0.00	31.39 0.35 0.00	25.07 0.17 0.00	26.59 0.16 0.00	20.80 0.04 0.00	19.17 0.00 0.00	17.86 -0.08 0.00
BETHLEHEM___GS1 323560	36.04 0.00 0.00	31.48 0.06 0.00	26.47 0.05 0.00	30.52 0.08 0.00	25.59 0.01 0.00	25.33 0.03 0.00	24.65 0.06 0.00	20.44 0.07 0.00	20.36 0.21 0.00	22.44 0.17 0.00	24.00 0.03 0.00	22.03 -0.15 0.00	22.16 -0.17 0.00	18.32 -0.12 0.00	16.30 -0.04 0.00	16.87 0.02 0.00	20.41 0.19 0.00	23.40 0.26 0.00	29.98 0.38 0.00	31.39 0.35 0.00	25.07 0.18 0.00	26.59 0.16 0.00	20.80 0.04 0.00	19.17 0.00 0.00	17.86 -0.09 0.00
BETHLEHEM___GS2 323561	36.04 0.00 0.00	31.48 0.06 0.00	26.47 0.05 0.00	30.52 0.08 0.00	25.59 0.01 0.00	25.33 0.03 0.00	24.65 0.06 0.00	20.44 0.07 0.00	20.36 0.21 0.00	22.44 0.17 0.00	24.00 0.03 0.00	22.03 -0.15 0.00	22.16 -0.17 0.00	18.32 0.00 0.00	16.30 -0.04 0.00	16.87 0.02 0.00	20.41 0.19 0.00	23.40 0.26 0.00	29.98 0.38 0.00	31.39 0.35 0.00	25.07 0.18 0.00	26.59 0.16 0.00	20.80 0.04 0.00	19.17 0.00 0.00	17.86 0.00 0.00
BETHLEHEM___GS3 323562	36.04 0.00 0.00	31.48 0.06 0.00	26.47 0.05 0.00	30.52 0.08 0.00	25.59 0.01 0.00	25.33 0.03 0.00	24.65 0.06 0.00	20.44 0.07 0.00	20.36 0.21 0.00	22.44 0.17 0.00	24.00 0.03 0.00	22.03 -0.15 0.00	22.16 -0.17 0.00	18.32 0.00 0.00	16.30 -0.04 0.00	16.87 0.02 0.00	20.41 0.19 0.00	23.40 0.26 0.00	29.98 0.38 0.00	31.39 0.35 0.00	25.07 0.18 0.00	26.59 0.16 0.00	20.80 0.04 0.00	19.17 0.00 0.00	17.86 -0.09 0.00
BETHLEHEM___STEEL 23779	36.30 0.26 0.00	31.49 0.07 0.00	26.59 0.17 0.00	30.65 0.21 0.00	25.67 0.09 0.00	25.29 -0.01 0.00	24.43 -0.16 0.00	20.15 -0.22 0.00	20.19 0.03 0.00	22.49 0.21 0.00	24.37 0.40 0.00	22.49 0.30 0.00	22.67 0.34 0.00	18.64 0.20 0.00	16.40 0.06 0.00	16.74 -0.11 0.00	20.21 -0.02 0.00	23.12 -0.02 0.00	29.44 -0.16 0.00	30.98 -0.06 0.00	24.85 -0.05 0.00	26.22 -0.21 0.00	20.55 -0.20 0.00	19.15 -0.01 0.00	18.21 0.27 0.00
BETHLHEM_115KV_TB1 79974	36.11 0.07 0.00	31.54 0.12 0.00	26.52 0.11 0.00	30.57 0.13 0.00	25.65 0.07 0.00	25.39 0.09 0.00	24.70 0.11 0.00	20.48 0.11 0.00	20.41 0.25 0.00	22.49 0.22 0.00	24.08 0.10 0.00	22.12 -0.06 0.00	22.24 -0.09 0.00	18.39 -0.05 0.00	16.36 0.02 0.00	16.93 0.08 0.00	20.48 0.25 0.00	23.48 0.33 0.00	30.08 0.48 0.00	31.50 0.45 0.00	25.16 0.26 0.00	26.68 0.26 0.00	20.88 0.12 0.00	19.24 0.07 0.00	17.92 -0.02 0.00
BETHPAGE_CC_5 323564	37.54 1.50 0.00	32.96 1.54 0.00	27.64 1.23 0.00	31.68 1.25 0.00	26.56 0.98 0.00	26.32 1.02 0.00	25.60 1.00 0.00	21.35 0.98 0.00	21.40 1.24 0.00	23.52 1.25 0.00	25.34 1.37 0.00	23.45 1.26 0.00	23.58 1.26 0.00	19.43 0.99 0.00	17.35 1.01 0.00	17.97 1.13 0.00	21.64 1.41 0.00	24.80 1.66 0.00	31.81 2.22 0.00	33.46 2.42 0.00	26.74 1.84 0.00	28.22 1.79 0.00	22.09 1.34 0.00	20.40 1.23 0.00	18.94 0.99 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.44 0.40 0.00	31.62 0.20 0.00	26.68 0.27 0.00	30.76 0.33 0.00	25.75 0.17 0.00	25.39 0.09 0.00	24.53 -0.06 0.00	20.23 -0.14 0.00	20.27 0.11 0.00	22.59 0.31 0.00	24.48 0.51 0.00	22.58 0.40 0.00	22.76 0.43 0.00	18.71 0.27 0.00	16.46 0.12 0.00	16.80 -0.04 0.00	20.29 0.07 0.00	23.22 0.08 0.00	29.58 -0.02 0.00	31.14 0.09 0.00	24.97 0.07 0.00	26.34 -0.09 0.00	20.65 -0.11 0.00	19.23 0.07 0.00	18.29 0.34 0.00
BINGHAMTON___COGEN 23790	36.49 0.45 0.00	31.73 0.31 0.00	26.66 0.25 0.00	30.75 0.32 0.00	25.77 0.19 0.00	25.46 0.16 0.00	24.66 0.07 0.00	20.45 0.08 0.00	20.50 0.34 0.00	22.66 0.38 0.00	24.49 0.52 0.00	22.59 0.40 0.00	22.74 0.41 0.00	18.72 0.28 0.00	16.52 0.18 0.00	16.99 0.15 0.00	20.51 0.28 0.00	23.52 0.38 0.00	30.13 0.53 0.00	31.72 0.68 0.00	25.43 0.53 0.00	26.87 0.44 0.00	21.05 0.29 0.00	19.49 0.33 0.00	18.25 0.31 0.00
BIXINCNT_115KV_LOAD 355685	37.18 1.14 0.00	32.26 0.84 0.00	27.21 0.80 0.00	31.38 0.94 0.00	26.28 0.71 0.00	25.92 0.62 0.00	24.99 0.40 0.00	20.62 0.25 0.00	20.68 0.52 0.00	23.12 0.84 0.00	25.06 1.08 0.00	23.10 0.92 0.00	23.27 0.94 0.00	19.08 0.64 0.00	16.71 0.37 0.00	17.08 0.24 0.00	20.67 0.44 0.00	23.65 0.50 0.00	30.18 0.58 0.00	31.86 0.82 0.00	25.56 0.66 0.00	26.99 0.56 0.00	21.13 0.38 0.00	19.69 0.52 0.00	18.67 0.73 0.00
BLACK RIVER___HYD	36.42	31.64	26.64	30.72	25.86	25.59	24.86	20.65	20.52	22.47	23.94	21.90	21.91	18.06	15.97	16.37	20.06	23.49	30.36	31.81	25.54	26.88	21.27	19.60	18.34

24047	0.38 0.00	0.23 0.00	0.22 0.00	0.28 0.00	0.28 0.00	0.29 0.00	0.27 0.00	0.28 0.00	0.36 0.00	0.20 0.00	-0.03 0.00	-0.28 0.00	-0.42 0.00	-0.38 0.00	-0.38 0.00	-0.47 0.00	-0.17 0.00	0.35 0.00	0.76 0.00	0.77 0.00	0.64 0.00	0.45 0.00	0.52 0.00	0.43 0.00	0.40 0.00
BLACKRVR_115KV_TB2 79977	36.42 0.38 0.00	31.65 0.23 0.00	26.64 0.22 0.00	30.72 0.29 0.00	25.86 0.28 0.00	25.59 0.29 0.00	24.86 0.27 0.00	20.65 0.28 0.00	20.52 0.36 0.00	22.47 0.20 0.00	23.94 -0.03 0.00	21.90 -0.28 0.00	21.91 -0.42 0.00	18.06 -0.38 0.00	15.96 -0.38 0.00	16.37 -0.47 0.00	20.06 -0.17 0.00	23.49 0.35 0.00	30.36 0.76 0.00	31.81 0.77 0.00	25.54 0.64 0.00	26.88 0.45 0.00	21.27 0.52 0.00	19.60 0.43 0.00	18.34 0.40 0.00
BLISS_WT_PWR 323608	37.21 1.17 0.00	32.28 0.87 0.00	27.22 0.81 0.00	31.35 0.91 0.00	26.30 0.72 0.00	25.94 0.64 0.00	25.01 0.41 0.00	20.63 0.26 0.00	20.67 0.52 0.00	23.13 0.85 0.00	25.07 1.10 0.00	23.13 0.94 0.00	23.30 0.97 0.00	19.10 0.66 0.00	16.71 0.37 0.00	17.08 0.24 0.00	20.67 0.45 0.00	23.66 0.51 0.00	30.20 0.60 0.00	31.90 0.86 0.00	25.58 0.68 0.00	27.02 0.59 0.00	21.16 0.40 0.00	19.71 0.54 0.00	18.69 0.75 0.00
BLUESTONE___WT_PWR 323821	37.84 1.80 0.00	33.15 1.73 0.00	27.89 1.48 0.00	32.09 1.65 0.00	26.97 1.40 0.00	26.67 1.37 0.00	25.87 1.28 0.00	21.44 1.08 0.00	21.30 1.14 0.00	23.62 1.35 0.00	25.65 1.67 0.00	23.73 1.54 0.00	23.81 1.49 0.00	19.44 1.00 0.00	16.95 0.61 0.00	17.42 0.58 0.00	21.06 0.83 0.00	24.27 1.13 0.00	31.26 1.66 0.00	32.72 1.68 0.00	26.26 1.37 0.00	27.79 1.36 0.00	21.82 1.07 0.00	20.22 1.06 0.00	19.04 1.10 0.00
BLUE_CIRC_CHEM_DRP 24182	36.50 0.46 0.00	31.88 0.46 0.00	26.82 0.40 0.00	30.92 0.48 0.00	25.96 0.38 0.00	25.69 0.38 0.00	24.99 0.40 0.00	20.70 0.33 0.00	20.62 0.46 0.00	22.72 0.45 0.00	24.36 0.39 0.00	22.41 0.22 0.00	22.51 0.18 0.00	18.60 0.16 0.00	16.55 0.21 0.00	17.11 0.27 0.00	20.70 0.47 0.00	23.75 0.61 0.00	30.43 0.83 0.00	31.86 0.81 0.00	25.46 0.56 0.00	26.99 0.56 0.00	21.13 0.37 0.00	19.48 0.32 0.00	18.16 0.22 0.00
BOC_GAS_DRP 24189	36.30 0.27 0.00	31.71 0.29 0.00	26.66 0.25 0.00	30.72 0.29 0.00	25.79 0.21 0.00	25.52 0.22 0.00	24.82 0.23 0.00	20.57 0.20 0.00	20.50 0.34 0.00	22.61 0.33 0.00	24.28 0.30 0.00	22.35 0.16 0.00	22.47 0.14 0.00	18.58 0.14 0.00	16.52 0.18 0.00	17.08 0.23 0.00	20.63 0.41 0.00	23.66 0.51 0.00	30.28 0.69 0.00	31.75 0.71 0.00	25.39 0.49 0.00	26.91 0.48 0.00	21.07 0.32 0.00	19.43 0.26 0.00	18.10 0.16 0.00
BOONVILLE_115KV_TB1 79983	36.67 0.63 0.00	31.93 0.51 0.00	26.87 0.46 0.00	30.93 0.50 0.00	26.02 0.45 0.00	25.76 0.46 0.00	25.04 0.45 0.00	20.76 0.39 0.00	20.62 0.46 0.00	22.74 0.46 0.00	24.47 0.50 0.00	22.50 0.31 0.00	22.52 0.19 0.00	18.55 0.11 0.00	16.40 0.05 0.00	16.88 0.04 0.00	20.45 0.23 0.00	23.67 0.53 0.00	30.43 0.84 0.00	31.90 0.87 0.00	25.59 0.69 0.00	27.05 0.63 0.00	21.28 0.53 0.00	19.62 0.46 0.00	18.36 0.42 0.00
BORALEX_4TH_BRANCH 23824	36.68 0.64 0.00	32.02 0.61 0.00	26.99 0.58 0.00	31.16 0.72 0.00	26.04 0.46 0.00	25.76 0.45 0.00	25.14 0.55 0.00	20.77 0.40 0.00	20.74 0.58 0.00	22.87 0.59 0.00	24.55 0.58 0.00	22.50 0.31 0.00	22.62 0.30 0.00	18.70 0.26 0.00	16.61 0.27 0.00	17.23 0.39 0.00	20.97 0.74 0.00	24.03 0.88 0.00	30.76 1.16 0.00	32.20 1.16 0.00	25.63 0.74 0.00	27.26 0.83 0.00	21.32 0.57 0.00	19.67 0.50 0.00	18.40 0.46 0.00
BOWLINE___1 23526	36.99 0.95 0.00	32.34 0.93 0.00	27.13 0.72 0.00	31.15 0.72 0.00	26.14 0.57 0.00	25.90 0.60 0.00	25.18 0.59 0.00	20.96 0.60 0.00	20.97 0.81 0.00	23.11 0.83 0.00	24.94 0.96 0.00	23.00 0.81 0.00	23.10 0.77 0.00	19.11 0.67 0.00	17.01 0.67 0.00	17.56 0.72 0.00	21.19 0.96 0.00	24.30 1.16 0.00	31.12 1.53 0.00	32.77 1.73 0.00	26.25 1.35 0.00	27.79 1.36 0.00	21.72 0.96 0.00	20.00 0.84 0.00	18.56 0.61 0.00
BOWLINE___2 23595	36.99 0.95 0.00	32.34 0.93 0.00	27.13 0.72 0.00	31.15 0.72 0.00	26.14 0.57 0.00	25.90 0.60 0.00	25.18 0.59 0.00	20.96 0.60 0.00	20.97 0.81 0.00	23.11 0.83 0.00	24.94 0.96 0.00	23.00 0.81 0.00	23.10 0.77 0.00	19.11 0.67 0.00	17.01 0.67 0.00	17.56 0.72 0.00	21.19 0.96 0.00	24.30 1.16 0.00	31.12 1.53 0.00	32.77 1.73 0.00	26.25 1.35 0.00	27.79 1.36 0.00	21.72 0.96 0.00	20.00 0.84 0.00	18.56 0.61 0.00
BRADY___115KV_TB2 356060	36.94 0.90 0.00	32.14 0.73 0.00	27.01 0.60 0.00	31.17 0.74 0.00	26.23 0.65 0.00	25.94 0.64 0.00	25.26 0.67 0.00	20.88 0.52 0.00	20.43 0.27 0.00	22.58 0.30 0.00	24.29 0.31 0.00	22.55 0.36 0.00	22.79 0.46 0.00	18.78 0.35 0.00	16.62 0.27 0.00	17.13 0.29 0.00	20.50 0.27 0.00	23.47 0.33 0.00	29.95 0.35 0.00	31.33 0.29 0.00	25.20 0.31 0.00	26.82 0.39 0.00	21.18 0.42 0.00	19.55 0.38 0.00	18.30 0.36 0.00
BRANSCOMB___SOLAR 323811	37.17 1.13 0.00	32.41 1.00 0.00	27.28 0.87 0.00	31.47 1.04 0.00	26.35 0.78 0.00	26.07 0.77 0.00	25.43 0.84 0.00	21.11 0.74 0.00	21.09 0.93 0.00	23.28 1.00 0.00	25.03 1.05 0.00	23.00 0.81 0.00	23.09 0.76 0.00	19.08 0.64 0.00	16.88 0.54 0.00	17.48 0.64 0.00	21.25 1.02 0.00	24.31 1.16 0.00	31.18 1.58 0.00	32.64 1.60 0.00	25.97 1.08 0.00	27.51 1.08 0.00	21.51 0.76 0.00	19.88 0.71 0.00	18.56 0.62 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.86 1.82 0.00	33.25 1.83 0.00	27.89 1.48 0.00	31.95 1.51 0.00	26.79 1.21 0.00	26.55 1.24 0.00	25.79 1.20 0.00	21.52 1.15 0.00	21.58 1.42 0.00	23.72 1.44 0.00	25.53 1.55 0.00	23.62 1.44 0.00	23.75 1.43 0.00	19.58 1.14 0.00	17.47 1.13 0.00	18.11 1.27 0.00	21.82 1.59 0.00	25.07 1.93 0.00	32.16 2.56 0.00	33.83 2.79 0.00	27.03 2.14 0.00	28.49 2.06 0.00	22.32 1.57 0.00	20.58 1.41 0.00	19.13 1.18 0.00
BRISTLHL_115KV_TB1 79998	35.54 -0.49 0.00	30.95 -0.46 0.00	26.03 -0.39 0.00	29.98 -0.45 0.00	25.18 -0.39 0.00	24.91 -0.39 0.00	24.18 -0.41 0.00	20.02 -0.35 0.00	19.91 -0.25 0.00	22.00 -0.27 0.00	23.73 -0.25 0.00	21.91 -0.28 0.00	22.02 -0.30 0.00	18.16 -0.28 0.00	16.08 -0.26 0.00	16.54 -0.31 0.00	19.92 -0.31 0.00	22.86 -0.28 0.00	29.26 -0.34 0.00	30.69 -0.35 0.00	24.59 -0.31 0.00	26.06 -0.37 0.00	20.46 -0.29 0.00	18.92 -0.25 0.00	17.77 -0.17 0.00
BROOKHAVEN___DRP 24191	37.82 1.78 0.00	33.21 1.79 0.00	27.85 1.43 0.00	31.89 1.46 0.00	26.74 1.17 0.00	26.50 1.20 0.00	25.71 1.11 0.00	21.45 1.08 0.00	21.51 1.35 0.00	23.64 1.36 0.00	25.43 1.45 0.00	23.49 1.31 0.00	23.65 1.32 0.00	19.49 1.05 0.00	17.41 1.06 0.00	18.08 1.24 0.00	21.76 1.54 0.00	24.99 1.85 0.00	32.08 2.48 0.00	33.74 2.70 0.00	26.93 2.03 0.00	28.37 1.94 0.00	22.26 1.51 0.00	20.53 1.36 0.00	19.07 1.13 0.00
BROOKLYN_NAVY_YARD	37.02	32.34	27.18	31.20	26.17	25.93	25.24	21.05	21.07	23.25	25.07	23.14	23.26	19.27	17.17	17.72	21.36	24.50	31.33	32.96	26.39	27.96	21.85	20.12	18.62

23515	0.98 0.00	0.92 0.00	0.77 0.00	0.77 0.00	0.59 0.00	0.63 0.00	0.65 0.00	0.69 0.00	0.92 0.00	0.97 0.00	1.10 0.00	0.96 0.00	0.93 0.00	0.83 0.00	0.83 0.00	0.88 0.00	1.13 0.00	1.36 0.00	1.72 0.00	1.92 0.00	1.49 0.00	1.53 0.00	1.10 0.00	0.95 0.00	0.68 0.00
BROOKLYN___ARMY_DRP 323595	37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
BROOKVLE_69_KV_TB1 55790	37.63 1.59 0.00	33.03 1.62 0.00	27.69 1.28 0.00	31.74 1.30 0.00	26.61 1.04 0.00	26.37 1.07 0.00	25.65 1.06 0.00	21.39 1.02 0.00	21.43 1.27 0.00	23.57 1.29 0.00	25.44 1.47 0.00	23.51 1.33 0.00	23.65 1.32 0.00	19.49 1.05 0.00	17.40 1.06 0.00	18.01 1.17 0.00	21.71 1.48 0.00	24.92 1.77 0.00	31.96 2.36 0.00	33.60 2.55 0.00	26.86 1.96 0.00	28.36 1.94 0.00	22.19 1.44 0.00	20.46 1.29 0.00	19.01 1.06 0.00
BROOME_2_LFGE 323671	36.48 0.45 0.00	31.73 0.31 0.00	26.66 0.25 0.00	30.74 0.31 0.00	25.77 0.19 0.00	25.46 0.16 0.00	24.66 0.07 0.00	20.45 0.09 0.00	20.50 0.34 0.00	22.66 0.38 0.00	24.49 0.51 0.00	22.59 0.40 0.00	22.74 0.41 0.00	18.72 0.28 0.00	16.52 0.18 0.00	16.99 0.15 0.00	20.51 0.28 0.00	23.52 0.38 0.00	30.13 0.53 0.00	31.72 0.68 0.00	25.43 0.53 0.00	26.87 0.44 0.00	21.04 0.29 0.00	19.49 0.33 0.00	18.25 0.31 0.00
BROOME___LFGE 323600	36.48 0.45 0.00	31.73 0.31 0.00	26.66 0.25 0.00	30.74 0.31 0.00	25.77 0.19 0.00	25.46 0.16 0.00	24.66 0.07 0.00	20.45 0.09 0.00	20.50 0.34 0.00	22.66 0.38 0.00	24.49 0.51 0.00	22.59 0.40 0.00	22.74 0.41 0.00	18.72 0.28 0.00	16.52 0.18 0.00	16.99 0.15 0.00	20.51 0.28 0.00	23.52 0.38 0.00	30.13 0.53 0.00	31.72 0.68 0.00	25.43 0.53 0.00	26.87 0.44 0.00	21.04 0.29 0.00	19.49 0.33 0.00	18.25 0.31 0.00
BROWNFLS_115KV_TB_3_5 80003	36.32 0.28 0.00	31.56 0.14 0.00	26.57 0.16 0.00	30.64 0.20 0.00	25.79 0.21 0.00	25.52 0.22 0.00	24.83 0.24 0.00	20.52 0.16 0.00	20.19 0.03 0.00	22.23 -0.04 0.00	23.87 -0.11 0.00	22.08 -0.10 0.00	22.20 -0.12 0.00	18.30 -0.14 0.00	16.18 -0.16 0.00	16.65 -0.19 0.00	20.12 -0.11 0.00	23.21 0.06 0.00	29.69 0.09 0.00	31.07 0.03 0.00	24.97 0.07 0.00	26.44 0.02 0.00	20.98 0.22 0.00	19.37 0.21 0.00	18.13 0.18 0.00
BROWNSV1_27_KV_LOAD 356125	37.36 1.32 0.00	32.65 1.23 0.00	27.41 0.99 0.00	31.43 0.99 0.00	26.37 0.80 0.00	26.12 0.82 0.00	25.41 0.82 0.00	21.22 0.85 0.00	21.24 1.08 0.00	23.43 1.15 0.00	25.29 1.32 0.00	23.36 1.18 0.00	23.48 1.16 0.00	19.43 0.99 0.00	17.32 0.98 0.00	17.88 1.04 0.00	21.56 1.34 0.00	24.74 1.60 0.00	31.64 2.04 0.00	33.28 2.25 0.00	26.64 1.75 0.00	28.23 1.80 0.00	22.06 1.31 0.00	20.31 1.15 0.00	18.81 0.87 0.00
BURROWS___LYONSDAL 23803	36.57 0.54 0.00	31.83 0.41 0.00	26.80 0.39 0.00	30.85 0.42 0.00	25.96 0.38 0.00	25.71 0.40 0.00	24.99 0.39 0.00	20.71 0.34 0.00	20.56 0.40 0.00	22.65 0.37 0.00	24.37 0.39 0.00	22.38 0.20 0.00	22.39 0.06 0.00	18.45 0.01 0.00	16.30 -0.04 0.00	16.78 -0.06 0.00	20.35 0.13 0.00	23.60 0.45 0.00	30.36 0.76 0.00	31.81 0.77 0.00	25.52 0.62 0.00	26.96 0.53 0.00	21.25 0.50 0.00	19.59 0.43 0.00	18.33 0.38 0.00
CAITHNESS_CC_1 323624	37.73 1.69 0.00	33.12 1.70 0.00	27.79 1.37 0.00	31.83 1.40 0.00	26.68 1.10 0.00	26.44 1.14 0.00	25.66 1.06 0.00	21.41 1.04 0.00	21.47 1.31 0.00	23.59 1.32 0.00	25.38 1.40 0.00	23.46 1.28 0.00	23.61 1.28 0.00	19.45 1.02 0.00	17.38 1.04 0.00	18.04 1.20 0.00	21.72 1.49 0.00	24.93 1.79 0.00	32.00 2.40 0.00	33.66 2.62 0.00	26.87 1.98 0.00	28.32 1.89 0.00	22.21 1.46 0.00	20.49 1.33 0.00	19.03 1.09 0.00
CALPINE BETH_PAGE_GT4 24209	37.49 1.45 0.00	32.93 1.51 0.00	27.61 1.20 0.00	31.64 1.21 0.00	26.53 0.95 0.00	26.29 0.99 0.00	25.57 0.98 0.00	21.33 0.96 0.00	21.37 1.22 0.00	23.50 1.22 0.00	25.32 1.35 0.00	23.42 1.24 0.00	23.56 1.24 0.00	19.42 0.98 0.00	17.33 0.99 0.00	17.95 1.10 0.00	21.60 1.37 0.00	24.71 1.57 0.00	31.70 2.10 0.00	33.33 2.29 0.00	26.64 1.74 0.00	28.11 1.68 0.00	22.01 1.26 0.00	20.35 1.18 0.00	18.90 0.95 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.49 1.45 0.00	32.93 1.51 0.00	27.61 1.20 0.00	31.65 1.22 0.00	26.53 0.95 0.00	26.29 0.99 0.00	25.57 0.98 0.00	21.33 0.96 0.00	21.37 1.22 0.00	23.50 1.22 0.00	25.32 1.35 0.00	23.42 1.24 0.00	23.56 1.24 0.00	19.41 0.97 0.00	17.33 0.99 0.00	17.95 1.10 0.00	21.60 1.37 0.00	24.71 1.56 0.00	31.69 2.09 0.00	33.33 2.29 0.00	26.64 1.74 0.00	28.11 1.68 0.00	22.01 1.26 0.00	20.35 1.19 0.00	18.90 0.95 0.00
CALPINE_BP_GT1 23823	37.49 1.45 0.00	32.93 1.51 0.00	27.61 1.20 0.00	31.65 1.22 0.00	26.53 0.95 0.00	26.29 0.99 0.00	25.57 0.98 0.00	21.33 0.96 0.00	21.37 1.22 0.00	23.50 1.22 0.00	25.32 1.35 0.00	23.42 1.24 0.00	23.56 1.24 0.00	19.41 0.97 0.00	17.33 0.99 0.00	17.95 1.10 0.00	21.60 1.37 0.00	24.71 1.56 0.00	31.69 2.09 0.00	33.33 2.29 0.00	26.64 1.74 0.00	28.11 1.68 0.00	22.01 1.26 0.00	20.35 1.19 0.00	18.90 0.95 0.00
CALSPAN___DRP 24200	36.30 0.26 0.00	31.49 0.07 0.00	26.59 0.17 0.00	30.65 0.21 0.00	25.67 0.09 0.00	25.29 -0.01 0.00	24.43 -0.16 0.00	20.15 -0.22 0.00	20.19 0.03 0.00	22.49 0.21 0.00	24.37 0.40 0.00	22.49 0.30 0.00	22.67 0.34 0.00	18.64 0.20 0.00	16.40 0.06 0.00	16.74 -0.11 0.00	20.21 -0.02 0.00	23.12 -0.02 0.00	29.44 -0.16 0.00	30.98 -0.06 0.00	24.85 -0.05 0.00	26.22 -0.21 0.00	20.55 -0.20 0.00	19.15 -0.01 0.00	18.21 0.27 0.00
CALVERTON___SOLAR 323806	37.93 1.90 0.00	33.30 1.88 0.00	27.93 1.52 0.00	31.99 1.56 0.00	26.82 1.24 0.00	26.57 1.27 0.00	25.77 1.18 0.00	21.51 1.14 0.00	21.57 1.42 0.00	23.70 1.42 0.00	25.49 1.52 0.00	23.54 1.36 0.00	23.69 1.37 0.00	19.52 1.08 0.00	17.44 1.10 0.00	18.12 1.28 0.00	21.82 1.59 0.00	25.06 1.92 0.00	32.17 2.57 0.00	33.84 2.80 0.00	27.00 2.11 0.00	28.45 2.02 0.00	22.33 1.58 0.00	20.59 1.43 0.00	19.12 1.18 0.00
CANDIGU_WT_PWR 323617	36.63 0.59 0.00	31.78 0.36 0.00	26.74 0.33 0.00	30.81 0.38 0.00	25.82 0.24 0.00	25.46 0.15 0.00	24.57 -0.02 0.00	20.29 -0.08 0.00	20.46 0.30 0.00	22.65 0.37 0.00	24.57 0.59 0.00	22.64 0.45 0.00	22.80 0.48 0.00	18.76 0.32 0.00	16.45 0.11 0.00	16.84 -0.01 0.00	20.37 0.14 0.00	23.43 0.28 0.00	29.95 0.35 0.00	31.61 0.57 0.00	25.35 0.46 0.00	26.74 0.31 0.00	20.95 0.19 0.00	19.49 0.33 0.00	18.36 0.42 0.00
CARR STREET_E_SYR	35.74	31.13	26.18	30.16	25.33	25.05	24.32	20.14	20.04	22.16	23.90	22.07	22.19	18.28	16.17	16.64	20.04	22.95	29.27	30.72	24.62	26.12	20.61	19.04	17.88

24060	-0.30 0.00	-0.29 0.00	-0.23 0.00	-0.28 0.00	-0.25 0.00	-0.25 0.00	-0.27 0.00	-0.23 0.00	-0.11 0.00	-0.11 0.00	-0.08 0.00	-0.11 0.00	-0.14 0.00	-0.16 0.00	-0.17 0.00	-0.20 0.00	-0.18 0.00	-0.20 0.00	-0.33 0.00	-0.32 0.00	-0.27 0.00	-0.30 0.00	-0.14 0.00	-0.12 0.00	-0.06 0.00
CARTHAGE___PAPER 23857	36.62 0.59 0.00	31.83 0.41 0.00	26.79 0.38 0.00	30.88 0.45 0.00	26.00 0.42 0.00	25.74 0.43 0.00	25.02 0.43 0.00	20.75 0.39 0.00	20.58 0.42 0.00	22.57 0.30 0.00	24.09 0.11 0.00	22.08 -0.11 0.00	22.11 -0.22 0.00	18.21 -0.23 0.00	16.10 -0.24 0.00	16.53 -0.31 0.00	20.19 -0.03 0.00	23.60 0.46 0.00	30.44 0.84 0.00	31.88 0.84 0.00	25.60 0.71 0.00	26.98 0.55 0.00	21.35 0.59 0.00	19.67 0.50 0.00	18.40 0.45 0.00
CASSADAGA_WT_PWR 323784	37.47 1.43 0.00	32.47 1.05 0.00	27.33 0.92 0.00	31.49 1.05 0.00	26.37 0.79 0.00	25.99 0.69 0.00	25.04 0.44 0.00	20.55 0.18 0.00	20.73 0.57 0.00	23.17 0.90 0.00	25.15 1.17 0.00	23.23 1.04 0.00	23.44 1.11 0.00	19.23 0.80 0.00	16.87 0.53 0.00	17.20 0.36 0.00	20.81 0.58 0.00	23.90 0.75 0.00	30.56 0.96 0.00	32.27 1.23 0.00	25.88 0.98 0.00	27.26 0.83 0.00	21.32 0.56 0.00	19.85 0.69 0.00	18.74 0.80 0.00
CE_DUNWOOD___DRP 24194	37.06 1.02 0.00	32.41 0.99 0.00	27.19 0.77 0.00	31.21 0.77 0.00	26.18 0.60 0.00	25.94 0.63 0.00	25.23 0.64 0.00	21.02 0.66 0.00	21.03 0.87 0.00	23.19 0.91 0.00	25.01 1.04 0.00	23.07 0.89 0.00	23.19 0.86 0.00	19.18 0.75 0.00	17.09 0.75 0.00	17.65 0.81 0.00	21.29 1.07 0.00	24.43 1.29 0.00	31.28 1.68 0.00	32.90 1.86 0.00	26.33 1.44 0.00	27.89 1.46 0.00	21.80 1.04 0.00	20.08 0.91 0.00	18.62 0.68 0.00
CE_MILLWOOD___DRP 24193	37.03 0.99 0.00	32.38 0.96 0.00	27.16 0.75 0.00	31.19 0.75 0.00	26.17 0.59 0.00	25.92 0.62 0.00	25.21 0.62 0.00	21.00 0.64 0.00	21.01 0.85 0.00	23.17 0.89 0.00	24.99 1.01 0.00	23.04 0.86 0.00	23.15 0.83 0.00	19.16 0.72 0.00	17.06 0.72 0.00	17.62 0.78 0.00	21.26 1.04 0.00	24.39 1.25 0.00	31.23 1.63 0.00	32.85 1.81 0.00	26.30 1.40 0.00	27.85 1.42 0.00	21.77 1.01 0.00	20.05 0.88 0.00	18.59 0.64 0.00
CE_NYC2_DRP 24202	37.00 0.96 0.00	32.34 0.93 0.00	27.17 0.76 0.00	31.16 0.73 0.00	26.15 0.57 0.00	25.91 0.61 0.00	25.21 0.62 0.00	21.04 0.67 0.00	21.07 0.91 0.00	23.23 0.96 0.00	25.06 1.08 0.00	23.13 0.95 0.00	23.25 0.93 0.00	19.27 0.83 0.00	17.18 0.84 0.00	17.74 0.90 0.00	21.36 1.14 0.00	24.50 1.36 0.00	31.30 1.70 0.00	32.95 1.91 0.00	26.38 1.48 0.00	27.94 1.51 0.00	21.85 1.10 0.00	20.12 0.96 0.00	18.65 0.70 0.00
CE_NYC_DRP 24195	37.07 1.03 0.00	32.41 0.99 0.00	27.21 0.79 0.00	31.21 0.78 0.00	26.20 0.62 0.00	25.95 0.65 0.00	25.25 0.66 0.00	21.07 0.71 0.00	21.10 0.94 0.00	23.26 0.99 0.00	25.10 1.12 0.00	23.17 0.99 0.00	23.29 0.97 0.00	19.28 0.84 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.17 0.00	24.54 1.40 0.00	31.38 1.78 0.00	33.00 1.96 0.00	26.41 1.52 0.00	27.99 1.56 0.00	21.89 1.13 0.00	20.15 0.99 0.00	18.67 0.72 0.00
CHAFFEE___LFGE 323603	36.29 0.25 0.00	31.48 0.06 0.00	26.56 0.15 0.00	30.57 0.13 0.00	25.64 0.06 0.00	25.27 -0.03 0.00	24.43 -0.16 0.00	20.16 -0.20 0.00	20.20 0.04 0.00	22.51 0.23 0.00	24.39 0.41 0.00	22.50 0.32 0.00	22.67 0.34 0.00	18.65 0.21 0.00	16.41 0.07 0.00	16.75 -0.10 0.00	20.23 0.00 0.00	23.17 0.02 0.00	29.54 -0.06 0.00	31.10 0.07 0.00	24.94 0.05 0.00	26.30 -0.13 0.00	20.62 -0.13 0.00	19.20 0.03 0.00	18.24 0.30 0.00
CHATEAUG_35_KV_LOAD 355732	37.31 1.27 0.00	32.31 0.90 0.00	27.16 0.75 0.00	31.43 0.99 0.00	26.47 0.89 0.00	26.16 0.86 0.00	25.54 0.95 0.00	21.21 0.84 0.00	20.83 0.67 0.00	23.04 0.76 0.00	24.79 0.82 0.00	22.99 0.81 0.00	23.14 0.81 0.00	18.94 0.50 0.00	16.74 0.40 0.00	17.21 0.37 0.00	20.74 0.51 0.00	23.79 0.64 0.00	30.58 0.98 0.00	31.97 0.93 0.00	25.66 0.77 0.00	27.31 0.88 0.00	21.47 0.71 0.00	19.81 0.64 0.00	18.55 0.61 0.00
CHATEAUG_WT_PWR 323614	37.26 1.22 0.00	32.26 0.84 0.00	27.11 0.70 0.00	31.38 0.95 0.00	26.43 0.86 0.00	26.13 0.82 0.00	25.51 0.92 0.00	21.19 0.82 0.00	20.82 0.66 0.00	23.01 0.74 0.00	24.77 0.79 0.00	22.96 0.78 0.00	23.11 0.78 0.00	18.92 0.48 0.00	16.73 0.39 0.00	17.20 0.35 0.00	20.71 0.49 0.00	23.77 0.63 0.00	30.57 0.97 0.00	31.96 0.91 0.00	25.63 0.73 0.00	27.26 0.84 0.00	21.45 0.69 0.00	19.78 0.61 0.00	18.52 0.58 0.00
CHAT_HIGH_FALL_HYD 323578	37.31 1.27 0.00	32.31 0.89 0.00	27.16 0.75 0.00	31.43 0.99 0.00	26.47 0.89 0.00	26.16 0.86 0.00	25.54 0.95 0.00	21.21 0.84 0.00	20.83 0.67 0.00	23.04 0.76 0.00	24.79 0.82 0.00	22.99 0.81 0.00	23.14 0.81 0.00	18.94 0.50 0.00	16.74 0.40 0.00	17.21 0.37 0.00	20.74 0.51 0.00	23.79 0.65 0.00	30.58 0.98 0.00	31.97 0.93 0.00	25.66 0.77 0.00	27.31 0.87 0.00	21.47 0.71 0.00	19.81 0.64 0.00	18.55 0.61 0.00
CHAUTAUQUA___LFGE 323629	36.88 0.84 0.00	31.96 0.54 0.00	26.91 0.50 0.00	31.01 0.58 0.00	25.96 0.38 0.00	25.59 0.28 0.00	24.68 0.09 0.00	20.32 -0.05 0.00	20.48 0.32 0.00	22.81 0.54 0.00	24.73 0.75 0.00	22.81 0.63 0.00	23.02 0.69 0.00	18.91 0.47 0.00	16.60 0.26 0.00	16.95 0.11 0.00	20.48 0.25 0.00	23.48 0.33 0.00	29.99 0.39 0.00	31.66 0.62 0.00	25.39 0.49 0.00	26.74 0.31 0.00	20.93 0.17 0.00	19.50 0.34 0.00	18.46 0.52 0.00
CHERRYST_13_KV_LD 356241	37.16 1.12 0.00	32.49 1.07 0.00	27.27 0.86 0.00	31.30 0.86 0.00	26.25 0.68 0.00	26.02 0.72 0.00	25.31 0.72 0.00	21.13 0.76 0.00	21.16 1.00 0.00	23.32 1.05 0.00	25.17 1.20 0.00	23.24 1.06 0.00	23.36 1.03 0.00	19.34 0.91 0.00	17.24 0.90 0.00	17.80 0.96 0.00	21.46 1.23 0.00	24.61 1.47 0.00	31.47 1.87 0.00	33.10 2.06 0.00	26.49 1.60 0.00	28.07 1.64 0.00	21.95 1.20 0.00	20.21 1.04 0.00	18.71 0.77 0.00
CHESTROR_138KV_BK263 355645	36.85 0.81 0.00	32.20 0.78 0.00	27.02 0.61 0.00	31.05 0.61 0.00	26.06 0.48 0.00	25.81 0.51 0.00	25.09 0.50 0.00	20.87 0.50 0.00	20.87 0.70 0.00	23.01 0.73 0.00	24.80 0.83 0.00	22.86 0.68 0.00	22.96 0.63 0.00	18.99 0.55 0.00	16.90 0.55 0.00	17.46 0.61 0.00	21.07 0.84 0.00	24.17 1.02 0.00	30.96 1.36 0.00	32.58 1.54 0.00	26.09 1.19 0.00	27.62 1.19 0.00	21.59 0.84 0.00	19.90 0.73 0.00	18.48 0.53 0.00
CH_MIDHUDSON___DRP 24192	37.08 1.04 0.00	32.40 0.98 0.00	27.17 0.76 0.00	31.23 0.79 0.00	26.20 0.62 0.00	25.93 0.63 0.00	25.24 0.64 0.00	21.01 0.64 0.00	21.02 0.86 0.00	23.18 0.90 0.00	24.98 1.01 0.00	23.01 0.82 0.00	23.11 0.79 0.00	19.12 0.68 0.00	17.03 0.69 0.00	17.61 0.77 0.00	21.27 1.05 0.00	24.43 1.29 0.00	31.30 1.70 0.00	32.90 1.85 0.00	26.31 1.41 0.00	27.85 1.42 0.00	21.76 1.01 0.00	20.04 0.88 0.00	18.59 0.65 0.00
CH_MISC_IPPS	37.28	32.57	27.32	31.39	26.33	26.08	25.38	21.12	21.14	23.30	25.13	23.14	23.23	19.22	17.12	17.70	21.38	24.56	31.48	33.10	26.48	28.02	21.89	20.16	18.69

23765	1.24 0.00	1.15 0.00	0.91 0.00	0.96 0.00	0.75 0.00	0.78 0.00	0.78 0.00	0.76 0.00	0.98 0.00	1.03 0.00	1.15 0.00	0.95 0.00	0.90 0.00	0.78 0.00	0.78 0.00	0.86 0.00	1.16 0.00	1.42 0.00	1.88 0.00	2.06 0.00	1.59 0.00	1.59 0.00	1.14 0.00	0.99 0.00	0.75 0.00
CH_RES_BVR_FALLS 23983	36.06 0.02 0.00	31.44 0.02 0.00	26.43 0.02 0.00	30.46 0.02 0.00	25.64 0.06 0.00	25.36 0.06 0.00	24.67 0.08 0.00	20.41 0.05 0.00	20.10 -0.06 0.00	22.22 -0.05 0.00	23.91 -0.06 0.00	22.15 -0.03 0.00	22.25 -0.08 0.00	18.40 -0.04 0.00	16.30 -0.04 0.00	16.81 -0.03 0.00	20.13 -0.10 0.00	23.02 -0.13 0.00	29.44 -0.16 0.00	30.82 -0.22 0.00	24.77 -0.12 0.00	26.35 -0.08 0.00	20.72 -0.03 0.00	19.14 -0.02 0.00	17.93 -0.01 0.00
CH_RES_NIAGARA 23895	35.01 -1.02 0.00	30.42 -1.00 0.00	25.74 -0.67 0.00	29.60 -0.83 0.00	24.87 -0.71 0.00	24.51 -0.79 0.00	23.70 -0.89 0.00	19.52 -0.84 0.00	19.45 -0.70 0.00	21.69 -0.58 0.00	23.49 -0.48 0.00	21.70 -0.48 0.00	21.88 -0.45 0.00	18.02 -0.42 0.00	15.87 -0.47 0.00	16.18 -0.66 0.00	19.51 -0.72 0.00	22.27 -0.87 0.00	28.26 -1.34 0.00	29.64 -1.41 0.00	23.79 -1.11 0.00	25.11 -1.31 0.00	19.75 -1.01 0.00	18.41 -0.75 0.00	17.60 -0.34 0.00
CH_RES_SYRACUSE 23985	35.98 -0.06 0.00	31.30 -0.12 0.00	26.32 -0.09 0.00	30.34 -0.09 0.00	25.47 -0.10 0.00	25.20 -0.10 0.00	24.48 -0.11 0.00	20.27 -0.09 0.00	20.17 0.01 0.00	22.30 0.02 0.00	24.05 0.08 0.00	22.22 0.03 0.00	22.33 0.00 0.00	18.41 -0.03 0.00	16.27 -0.08 0.00	16.74 -0.11 0.00	20.18 -0.05 0.00	23.18 0.03 0.00	29.66 0.06 0.00	31.11 0.07 0.00	24.94 0.04 0.00	26.42 -0.01 0.00	20.75 -0.01 0.00	19.16 0.00 0.00	18.01 0.07 0.00
CLINTON_WT_PWR 323605	37.26 1.22 0.00	32.26 0.84 0.00	27.11 0.70 0.00	31.38 0.95 0.00	26.43 0.86 0.00	26.13 0.82 0.00	25.51 0.92 0.00	21.19 0.82 0.00	20.82 0.66 0.00	23.01 0.74 0.00	24.77 0.79 0.00	22.96 0.78 0.00	23.11 0.78 0.00	18.92 0.48 0.00	16.73 0.39 0.00	17.20 0.35 0.00	20.71 0.49 0.00	23.77 0.63 0.00	30.57 0.97 0.00	31.96 0.91 0.00	25.63 0.73 0.00	27.26 0.84 0.00	21.45 0.69 0.00	19.78 0.61 0.00	18.52 0.58 0.00
CLINTON___LFGE 323618	37.66 1.62 0.00	32.58 1.16 0.00	27.37 0.95 0.00	31.68 1.25 0.00	26.68 1.10 0.00	26.36 1.06 0.00	25.77 1.18 0.00	21.42 1.05 0.00	21.08 0.93 0.00	23.30 1.03 0.00	25.10 1.13 0.00	23.24 1.05 0.00	23.38 1.05 0.00	19.12 0.68 0.00	16.91 0.57 0.00	17.37 0.53 0.00	20.96 0.73 0.00	24.11 0.97 0.00	31.08 1.48 0.00	32.48 1.44 0.00	26.00 1.10 0.00	27.63 1.20 0.00	21.71 0.96 0.00	20.01 0.84 0.00	18.73 0.79 0.00
COBBLENY_34_KV_TB1 80064	36.30 0.26 0.00	31.48 0.06 0.00	26.57 0.16 0.00	30.62 0.18 0.00	25.64 0.06 0.00	25.27 -0.03 0.00	24.43 -0.16 0.00	20.17 -0.20 0.00	20.20 0.04 0.00	22.51 0.23 0.00	24.39 0.41 0.00	22.50 0.32 0.00	22.67 0.34 0.00	18.65 0.21 0.00	16.41 0.07 0.00	16.75 -0.10 0.00	20.23 0.00 0.00	23.17 0.02 0.00	29.54 -0.06 0.00	31.10 0.07 0.00	24.94 0.05 0.00	26.30 -0.13 0.00	20.62 -0.13 0.00	19.20 0.03 0.00	18.23 0.29 0.00
COFFEEN___115KV_TB3 355620	36.61 0.57 0.00	31.80 0.38 0.00	26.76 0.34 0.00	30.86 0.43 0.00	25.97 0.39 0.00	25.71 0.40 0.00	24.98 0.39 0.00	20.75 0.39 0.00	20.63 0.47 0.00	22.58 0.31 0.00	23.98 0.01 0.00	21.92 -0.27 0.00	21.93 -0.40 0.00	18.08 -0.36 0.00	15.98 -0.36 0.00	16.37 -0.47 0.00	20.12 -0.11 0.00	23.63 0.49 0.00	30.57 0.97 0.00	32.05 1.01 0.00	25.72 0.83 0.00	27.07 0.64 0.00	21.40 0.65 0.00	19.71 0.54 0.00	18.44 0.49 0.00
COLDSPRG_115KV_BK1 355956	37.95 1.91 0.00	32.89 1.47 0.00	27.70 1.29 0.00	31.95 1.51 0.00	26.73 1.15 0.00	26.36 1.06 0.00	25.41 0.82 0.00	20.96 0.59 0.00	21.13 0.98 0.00	23.57 1.29 0.00	25.59 1.62 0.00	23.59 1.40 0.00	23.76 1.44 0.00	19.50 1.06 0.00	17.13 0.78 0.00	17.48 0.63 0.00	21.12 0.90 0.00	24.21 1.07 0.00	30.93 1.34 0.00	32.70 1.66 0.00	26.22 1.33 0.00	27.64 1.21 0.00	21.60 0.84 0.00	20.11 0.95 0.00	18.99 1.04 0.00
COLONIE_LFGE___ 323577	36.60 0.56 0.00	31.95 0.53 0.00	26.88 0.47 0.00	31.01 0.57 0.00	25.96 0.38 0.00	25.69 0.39 0.00	25.03 0.44 0.00	20.75 0.38 0.00	20.69 0.54 0.00	22.84 0.56 0.00	24.54 0.56 0.00	22.54 0.36 0.00	22.66 0.33 0.00	18.74 0.30 0.00	16.63 0.29 0.00	17.22 0.38 0.00	20.88 0.66 0.00	23.93 0.79 0.00	30.67 1.07 0.00	32.10 1.06 0.00	25.60 0.71 0.00	27.15 0.72 0.00	21.24 0.49 0.00	19.59 0.42 0.00	18.27 0.33 0.00
COOPERNY_115KV_TB1 80082	36.62 0.58 0.00	31.98 0.57 0.00	26.86 0.45 0.00	30.88 0.45 0.00	25.93 0.35 0.00	25.68 0.37 0.00	24.95 0.35 0.00	20.73 0.36 0.00	20.69 0.53 0.00	22.82 0.55 0.00	24.61 0.63 0.00	22.70 0.51 0.00	22.81 0.48 0.00	18.85 0.41 0.00	16.75 0.42 0.00	17.29 0.45 0.00	20.86 0.63 0.00	23.92 0.77 0.00	30.62 1.02 0.00	32.20 1.16 0.00	25.80 0.90 0.00	27.32 0.89 0.00	21.38 0.63 0.00	19.72 0.55 0.00	18.35 0.41 0.00
COPENHAGEN_WT_PWR 323753	36.24 0.20 0.00	31.51 0.09 0.00	26.53 0.12 0.00	30.59 0.16 0.00	25.76 0.19 0.00	25.49 0.18 0.00	24.75 0.16 0.00	20.56 0.20 0.00	20.44 0.28 0.00	22.38 0.11 0.00	23.91 -0.06 0.00	21.87 -0.32 0.00	21.85 -0.47 0.00	18.01 -0.43 0.00	15.92 -0.42 0.00	16.32 -0.52 0.00	19.97 -0.26 0.00	23.37 0.23 0.00	30.19 0.59 0.00	31.64 0.60 0.00	25.40 0.51 0.00	26.72 0.29 0.00	21.18 0.42 0.00	19.52 0.35 0.00	18.27 0.33 0.00
CORNELL_____ 23752	36.85 0.81 0.00	32.04 0.62 0.00	26.93 0.52 0.00	31.05 0.62 0.00	26.06 0.48 0.00	25.77 0.47 0.00	25.00 0.41 0.00	20.73 0.37 0.00	20.71 0.55 0.00	22.94 0.66 0.00	24.77 0.79 0.00	22.87 0.69 0.00	22.98 0.65 0.00	18.89 0.45 0.00	16.60 0.25 0.00	17.09 0.25 0.00	20.66 0.43 0.00	23.81 0.67 0.00	30.57 0.97 0.00	32.14 1.10 0.00	25.76 0.86 0.00	27.25 0.82 0.00	21.35 0.60 0.00	19.72 0.55 0.00	18.49 0.55 0.00
CORONAAV_69_KV_TB1 355595	37.56 1.52 0.00	32.97 1.55 0.00	27.64 1.23 0.00	31.70 1.27 0.00	26.57 0.99 0.00	26.34 1.03 0.00	25.61 1.02 0.00	21.34 0.98 0.00	21.37 1.22 0.00	23.51 1.23 0.00	25.37 1.40 0.00	23.47 1.29 0.00	23.63 1.30 0.00	19.47 1.03 0.00	17.36 1.03 0.00	17.97 1.13 0.00	21.67 1.44 0.00	24.87 1.72 0.00	31.88 2.29 0.00	33.52 2.48 0.00	26.80 1.91 0.00	28.31 1.88 0.00	22.15 1.40 0.00	20.43 1.26 0.00	18.99 1.04 0.00
CORTLAND_115KV_TB3 80093	36.49 0.46 0.00	31.76 0.34 0.00	26.69 0.28 0.00	30.77 0.34 0.00	25.83 0.25 0.00	25.53 0.23 0.00	24.78 0.18 0.00	20.54 0.17 0.00	20.51 0.35 0.00	22.68 0.40 0.00	24.48 0.50 0.00	22.59 0.41 0.00	22.71 0.38 0.00	18.67 0.24 0.00	16.45 0.11 0.00	16.95 0.11 0.00	20.46 0.23 0.00	23.55 0.41 0.00	30.20 0.61 0.00	31.75 0.71 0.00	25.44 0.55 0.00	26.92 0.49 0.00	21.11 0.36 0.00	19.50 0.34 0.00	18.28 0.33 0.00
COXSACKIE___GT	37.80	32.94	27.71	31.96	26.80	26.54	25.85	21.48	21.46	23.51	25.03	23.06	23.01	18.94	17.10	17.67	21.30	24.72	31.94	33.39	26.61	28.13	21.95	20.16	18.79

23611	1.77 0.00	1.52 0.00	1.30 0.00	1.52 0.00	1.23 0.00	1.24 0.00	1.26 0.00	1.11 0.00	1.30 0.00	1.24 0.00	1.06 0.00	0.87 0.00	0.68 0.00	0.50 0.00	0.76 0.00	0.83 0.00	1.08 0.00	1.57 0.00	2.34 0.00	2.35 0.00	1.71 0.00	1.70 0.00	1.19 0.00	1.00 0.00	0.84 0.00
CPV_VALLEY___CC1 323721	36.59 0.55 0.00	31.98 0.56 0.00	26.84 0.43 0.00	30.85 0.41 0.00	25.89 0.31 0.00	25.64 0.34 0.00	24.93 0.33 0.00	20.73 0.36 0.00	20.71 0.56 0.00	22.84 0.56 0.00	24.63 0.65 0.00	22.72 0.53 0.00	22.82 0.50 0.00	18.87 0.43 0.00	16.79 0.45 0.00	17.34 0.49 0.00	20.91 0.69 0.00	23.98 0.83 0.00	30.71 1.11 0.00	32.30 1.26 0.00	25.87 0.97 0.00	27.39 0.96 0.00	21.42 0.67 0.00	19.75 0.59 0.00	18.35 0.41 0.00
CPV_VALLEY___CC2 323722	36.59 0.55 0.00	31.98 0.56 0.00	26.84 0.43 0.00	30.85 0.41 0.00	25.89 0.31 0.00	25.64 0.34 0.00	24.93 0.33 0.00	20.73 0.36 0.00	20.71 0.56 0.00	22.84 0.56 0.00	24.63 0.65 0.00	22.72 0.53 0.00	22.82 0.50 0.00	18.87 0.43 0.00	16.79 0.45 0.00	17.34 0.49 0.00	20.91 0.69 0.00	23.98 0.83 0.00	30.71 1.11 0.00	32.30 1.26 0.00	25.87 0.97 0.00	27.39 0.96 0.00	21.42 0.67 0.00	19.75 0.59 0.00	18.35 0.41 0.00
CRESCENT___HYD 24018	36.60 0.56 0.00	31.95 0.53 0.00	26.88 0.47 0.00	31.01 0.57 0.00	25.96 0.38 0.00	25.69 0.39 0.00	25.03 0.44 0.00	20.75 0.38 0.00	20.69 0.54 0.00	22.84 0.56 0.00	24.54 0.56 0.00	22.54 0.36 0.00	22.66 0.33 0.00	18.74 0.30 0.00	16.63 0.29 0.00	17.22 0.38 0.00	20.88 0.66 0.00	23.93 0.79 0.00	30.67 1.07 0.00	32.10 1.06 0.00	25.60 0.71 0.00	27.15 0.72 0.00	21.24 0.49 0.00	19.59 0.42 0.00	18.27 0.33 0.00
CRICKET___VALLEY_CC1 323756	36.83 0.80 0.00	32.17 0.75 0.00	26.95 0.54 0.00	31.01 0.57 0.00	25.96 0.39 0.00	25.69 0.39 0.00	25.03 0.44 0.00	20.83 0.46 0.00	20.86 0.70 0.00	23.00 0.72 0.00	24.76 0.79 0.00	22.78 0.59 0.00	22.91 0.58 0.00	18.95 0.51 0.00	16.86 0.52 0.00	17.45 0.61 0.00	21.11 0.88 0.00	24.25 1.11 0.00	31.09 1.49 0.00	32.65 1.61 0.00	26.07 1.17 0.00	27.60 1.17 0.00	21.57 0.82 0.00	19.88 0.71 0.00	18.42 0.48 0.00
CRICKET___VALLEY_CC2 323757	36.83 0.80 0.00	32.17 0.75 0.00	26.95 0.54 0.00	31.01 0.57 0.00	25.96 0.39 0.00	25.69 0.39 0.00	25.03 0.44 0.00	20.83 0.46 0.00	20.86 0.70 0.00	23.00 0.72 0.00	24.76 0.79 0.00	22.78 0.59 0.00	22.91 0.58 0.00	18.95 0.51 0.00	16.86 0.52 0.00	17.45 0.61 0.00	21.11 0.88 0.00	24.25 1.11 0.00	31.09 1.49 0.00	32.65 1.61 0.00	26.07 1.17 0.00	27.60 1.17 0.00	21.57 0.82 0.00	19.88 0.71 0.00	18.42 0.48 0.00
CRICKET___VALLEY_CC3 323758	36.83 0.80 0.00	32.17 0.75 0.00	26.95 0.54 0.00	31.01 0.57 0.00	25.96 0.39 0.00	25.69 0.39 0.00	25.03 0.44 0.00	20.83 0.46 0.00	20.86 0.70 0.00	23.00 0.72 0.00	24.76 0.79 0.00	22.78 0.59 0.00	22.91 0.58 0.00	18.95 0.51 0.00	16.86 0.52 0.00	17.45 0.61 0.00	21.11 0.88 0.00	24.25 1.11 0.00	31.09 1.49 0.00	32.65 1.61 0.00	26.07 1.17 0.00	27.60 1.17 0.00	21.57 0.82 0.00	19.88 0.71 0.00	18.42 0.48 0.00
CRUCIBLE_METL_DRP 24180	35.97 -0.06 0.00	31.30 -0.12 0.00	26.32 -0.09 0.00	30.34 -0.09 0.00	25.47 -0.10 0.00	25.20 -0.10 0.00	24.48 -0.11 0.00	20.27 -0.09 0.00	20.17 0.01 0.00	22.30 0.03 0.00	24.05 0.08 0.00	22.22 0.03 0.00	22.33 0.00 0.00	18.41 -0.03 0.00	16.26 -0.08 0.00	16.74 -0.11 0.00	20.18 -0.05 0.00	23.18 0.03 0.00	29.66 0.06 0.00	31.11 0.07 0.00	24.94 0.04 0.00	26.42 -0.01 0.00	20.75 -0.01 0.00	19.16 0.00 0.00	18.01 0.07 0.00
DAHOWA___HYDRO 323763	37.32 1.29 0.00	32.53 1.11 0.00	27.38 0.97 0.00	31.60 1.17 0.00	26.44 0.86 0.00	26.16 0.86 0.00	25.53 0.94 0.00	21.21 0.84 0.00	21.19 1.03 0.00	23.40 1.13 0.00	25.17 1.19 0.00	23.12 0.93 0.00	23.20 0.87 0.00	19.16 0.73 0.00	16.94 0.59 0.00	17.55 0.70 0.00	21.35 1.13 0.00	24.40 1.25 0.00	31.32 1.73 0.00	32.78 1.74 0.00	26.05 1.16 0.00	27.58 1.15 0.00	21.56 0.81 0.00	19.94 0.78 0.00	18.63 0.69 0.00
DANC___LFGE 323619	35.94 -0.09 0.00	31.27 -0.15 0.00	26.32 -0.09 0.00	30.33 -0.10 0.00	25.52 -0.06 0.00	25.25 -0.06 0.00	24.52 -0.07 0.00	20.34 -0.02 0.00	20.23 0.07 0.00	22.21 -0.07 0.00	23.80 -0.18 0.00	21.82 -0.37 0.00	21.86 -0.47 0.00	18.02 -0.41 0.00	15.94 -0.40 0.00	16.35 -0.49 0.00	19.89 -0.33 0.00	23.13 -0.02 0.00	29.78 0.18 0.00	31.22 0.18 0.00	25.05 0.16 0.00	26.42 -0.01 0.00	20.89 0.13 0.00	19.28 0.11 0.00	18.07 0.13 0.00
DANSKAMMER___1 23586	37.28 1.24 0.00	32.57 1.15 0.00	27.32 0.91 0.00	31.39 0.96 0.00	26.33 0.75 0.00	26.08 0.78 0.00	25.38 0.78 0.00	21.12 0.76 0.00	21.14 0.98 0.00	23.30 1.03 0.00	25.13 1.15 0.00	23.14 0.95 0.00	23.23 0.90 0.00	19.22 0.78 0.00	17.12 0.78 0.00	17.70 0.86 0.00	21.38 1.16 0.00	24.56 1.42 0.00	31.48 1.88 0.00	33.10 2.06 0.00	26.48 1.59 0.00	28.02 1.59 0.00	21.89 1.14 0.00	20.16 0.99 0.00	18.69 0.75 0.00
DANSKAMMER___2 23589	37.28 1.24 0.00	32.57 1.15 0.00	27.32 0.91 0.00	31.39 0.96 0.00	26.33 0.75 0.00	26.08 0.78 0.00	25.38 0.78 0.00	21.12 0.76 0.00	21.14 0.98 0.00	23.30 1.03 0.00	25.13 1.15 0.00	23.14 0.95 0.00	23.23 0.90 0.00	19.22 0.78 0.00	17.12 0.78 0.00	17.70 0.86 0.00	21.38 1.16 0.00	24.56 1.42 0.00	31.48 1.88 0.00	33.10 2.06 0.00	26.48 1.59 0.00	28.02 1.59 0.00	21.89 1.14 0.00	20.16 0.99 0.00	18.69 0.75 0.00
DANSKAMMER___3 23590	37.28 1.24 0.00	32.57 1.15 0.00	27.32 0.91 0.00	31.39 0.96 0.00	26.33 0.75 0.00	26.08 0.78 0.00	25.38 0.78 0.00	21.12 0.76 0.00	21.14 0.98 0.00	23.30 1.03 0.00	25.13 1.15 0.00	23.14 0.95 0.00	23.23 0.90 0.00	19.22 0.78 0.00	17.12 0.78 0.00	17.70 0.86 0.00	21.38 1.16 0.00	24.56 1.42 0.00	31.48 1.88 0.00	33.10 2.06 0.00	26.48 1.59 0.00	28.02 1.59 0.00	21.89 1.14 0.00	20.16 0.99 0.00	18.69 0.75 0.00
DANSKAMMER___4 23591	37.28 1.24 0.00	32.57 1.15 0.00	27.32 0.91 0.00	31.39 0.96 0.00	26.33 0.75 0.00	26.08 0.78 0.00	25.38 0.78 0.00	21.12 0.76 0.00	21.14 0.98 0.00	23.30 1.03 0.00	25.13 1.15 0.00	23.14 0.95 0.00	23.23 0.90 0.00	19.22 0.78 0.00	17.12 0.78 0.00	17.70 0.86 0.00	21.38 1.16 0.00	24.56 1.42 0.00	31.48 1.88 0.00	33.10 2.06 0.00	26.48 1.59 0.00	28.02 1.59 0.00	21.89 1.14 0.00	20.16 0.99 0.00	18.69 0.75 0.00
DANSKAMMER___DIESEL 23592	37.28 1.25 0.00	32.57 1.15 0.00	27.32 0.91 0.00	31.39 0.95 0.00	26.33 0.75 0.00	26.08 0.78 0.00	25.38 0.78 0.00	21.12 0.76 0.00	21.14 0.98 0.00	23.30 1.03 0.00	25.13 1.15 0.00	23.14 0.95 0.00	23.23 0.90 0.00	19.22 0.78 0.00	17.11 0.78 0.00	17.70 0.86 0.00	21.39 1.16 0.00	24.57 1.42 0.00	31.48 1.88 0.00	33.10 2.06 0.00	26.48 1.59 0.00	28.02 1.59 0.00	21.89 1.14 0.00	20.15 0.99 0.00	18.70 0.75 0.00
DARBY___SOLAR	37.21	32.44	27.30	31.51	26.38	26.10	25.45	21.14	21.11	23.31	25.06	23.03	23.11	19.09	16.89	17.49	21.27	24.33	31.21	32.66	25.98	27.52	21.51	19.89	18.58

323810	1.17 0.00	1.03 0.00	0.89 0.00	1.08 0.00	0.80 0.00	0.79 0.00	0.86 0.00	0.77 0.00	0.95 0.00	1.04 0.00	1.08 0.00	0.84 0.00	0.78 0.00	0.66 0.00	0.54 0.00	0.64 0.00	1.04 0.00	1.18 0.00	1.61 0.00	1.62 0.00	1.09 0.00	1.09 0.00	0.76 0.00	0.72 0.00	0.64 0.00
DASHVILLE___HYD 23610	36.86 0.83 0.00	32.22 0.81 0.00	27.03 0.62 0.00	31.03 0.60 0.00	26.05 0.47 0.00	25.80 0.50 0.00	25.09 0.50 0.00	20.89 0.52 0.00	20.90 0.74 0.00	23.07 0.79 0.00	24.87 0.89 0.00	22.93 0.74 0.00	23.05 0.72 0.00	19.07 0.63 0.00	16.98 0.64 0.00	17.57 0.73 0.00	21.21 0.98 0.00	24.33 1.19 0.00	31.17 1.57 0.00	32.79 1.75 0.00	26.26 1.37 0.00	27.79 1.36 0.00	21.72 0.97 0.00	20.00 0.83 0.00	18.53 0.59 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	38.63 2.59 0.00	33.90 2.48 0.00	28.44 2.03 0.00	32.56 2.12 0.00	27.29 1.72 0.00	27.04 1.74 0.00	26.23 1.64 0.00	21.90 1.54 0.00	21.98 1.83 0.00	24.16 1.88 0.00	26.00 2.03 0.00	23.98 1.80 0.00	24.13 1.80 0.00	19.87 1.43 0.00	17.75 1.41 0.00	18.46 1.61 0.00	22.25 2.02 0.00	25.58 2.44 0.00	32.88 3.28 0.00	34.58 3.53 0.00	27.56 2.67 0.00	29.04 2.61 0.00	22.76 2.01 0.00	20.96 1.80 0.00	19.46 1.51 0.00
DELAWARE___LFGE 323621	36.80 0.76 0.00	32.11 0.69 0.00	27.02 0.60 0.00	31.09 0.66 0.00	26.14 0.56 0.00	25.86 0.56 0.00	25.07 0.48 0.00	20.78 0.41 0.00	20.74 0.58 0.00	22.92 0.64 0.00	24.74 0.76 0.00	22.84 0.65 0.00	22.95 0.63 0.00	18.93 0.49 0.00	16.75 0.41 0.00	17.26 0.42 0.00	20.82 0.59 0.00	23.90 0.75 0.00	30.60 1.00 0.00	32.16 1.12 0.00	25.79 0.89 0.00	27.30 0.87 0.00	21.39 0.64 0.00	19.74 0.58 0.00	18.44 0.49 0.00
DERFIELD_115KV_TB7 355931	36.07 0.03 0.00	31.45 0.03 0.00	26.43 0.02 0.00	30.45 0.01 0.00	25.60 0.03 0.00	25.33 0.03 0.00	24.62 0.03 0.00	20.39 0.02 0.00	20.22 0.06 0.00	22.34 0.07 0.00	24.04 0.07 0.00	22.20 0.01 0.00	22.33 0.00 0.00	18.44 0.00 0.00	16.34 -0.01 0.00	16.84 0.00 0.00	20.26 0.03 0.00	23.23 0.09 0.00	29.74 0.14 0.00	31.19 0.15 0.00	24.99 0.10 0.00	26.52 0.09 0.00	20.80 0.05 0.00	19.21 0.05 0.00	17.97 0.03 0.00
DOGLEVILLE___HYD 23807	36.43 0.39 0.00	31.69 0.27 0.00	26.65 0.24 0.00	30.70 0.27 0.00	25.82 0.24 0.00	25.57 0.27 0.00	24.86 0.27 0.00	20.62 0.25 0.00	20.62 0.46 0.00	22.83 0.55 0.00	24.58 0.60 0.00	22.33 0.14 0.00	22.38 0.05 0.00	18.41 -0.03 0.00	16.17 -0.17 0.00	16.67 -0.17 0.00	20.32 0.09 0.00	23.63 0.48 0.00	30.60 1.00 0.00	32.08 1.04 0.00	25.60 0.71 0.00	27.13 0.70 0.00	21.20 0.45 0.00	19.59 0.42 0.00	18.25 0.30 0.00
DUNKIRK___115KV_TB_200 55889	36.80 0.77 0.00	31.88 0.46 0.00	26.85 0.44 0.00	30.99 0.56 0.00	25.90 0.32 0.00	25.52 0.22 0.00	24.63 0.04 0.00	20.30 -0.07 0.00	20.44 0.28 0.00	22.77 0.49 0.00	24.67 0.70 0.00	22.76 0.58 0.00	22.97 0.64 0.00	18.86 0.42 0.00	16.56 0.22 0.00	16.91 0.07 0.00	20.43 0.21 0.00	23.42 0.28 0.00	29.91 0.31 0.00	31.57 0.53 0.00	25.32 0.42 0.00	26.67 0.24 0.00	20.87 0.11 0.00	19.45 0.29 0.00	18.42 0.47 0.00
DUNKIRK___1 23563	36.80 0.77 0.00	31.88 0.46 0.00	26.85 0.44 0.00	30.99 0.56 0.00	25.90 0.32 0.00	25.52 0.22 0.00	24.63 0.04 0.00	20.30 -0.07 0.00	20.44 0.28 0.00	22.77 0.49 0.00	24.67 0.70 0.00	22.76 0.58 0.00	22.97 0.64 0.00	18.86 0.42 0.00	16.56 0.22 0.00	16.91 0.07 0.00	20.43 0.21 0.00	23.42 0.28 0.00	29.91 0.31 0.00	31.57 0.53 0.00	25.32 0.42 0.00	26.67 0.24 0.00	20.87 0.11 0.00	19.45 0.29 0.00	18.42 0.47 0.00
DUNKIRK___2 23564	36.80 0.77 0.00	31.88 0.46 0.00	26.85 0.44 0.00	30.99 0.56 0.00	25.90 0.32 0.00	25.52 0.22 0.00	24.63 0.04 0.00	20.30 -0.07 0.00	20.44 0.28 0.00	22.77 0.49 0.00	24.67 0.70 0.00	22.76 0.58 0.00	22.97 0.64 0.00	18.86 0.42 0.00	16.56 0.22 0.00	16.91 0.07 0.00	20.43 0.21 0.00	23.42 0.28 0.00	29.91 0.31 0.00	31.57 0.53 0.00	25.32 0.42 0.00	26.67 0.24 0.00	20.87 0.11 0.00	19.45 0.29 0.00	18.42 0.47 0.00
DUNKIRK___3 23565	36.73 0.69 0.00	31.82 0.40 0.00	26.80 0.38 0.00	30.93 0.50 0.00	25.85 0.27 0.00	25.47 0.17 0.00	24.57 -0.02 0.00	20.26 -0.11 0.00	20.41 0.25 0.00	22.72 0.44 0.00	24.64 0.66 0.00	22.72 0.53 0.00	22.91 0.59 0.00	18.82 0.38 0.00	16.53 0.19 0.00	16.88 0.04 0.00	20.39 0.16 0.00	23.34 0.20 0.00	29.80 0.20 0.00	31.46 0.42 0.00	25.23 0.34 0.00	26.59 0.16 0.00	20.80 0.05 0.00	19.40 0.23 0.00	18.36 0.42 0.00
DUNKIRK___4 23566	36.68 0.65 0.00	31.80 0.38 0.00	26.80 0.39 0.00	30.92 0.48 0.00	25.86 0.28 0.00	25.49 0.18 0.00	24.59 0.00 0.00	20.27 -0.10 0.00	20.38 0.22 0.00	22.71 0.43 0.00	24.61 0.64 0.00	22.70 0.52 0.00	22.90 0.57 0.00	18.81 0.37 0.00	16.53 0.18 0.00	16.87 0.03 0.00	20.38 0.16 0.00	23.35 0.20 0.00	29.79 0.19 0.00	31.41 0.37 0.00	25.20 0.30 0.00	26.55 0.12 0.00	20.79 0.04 0.00	19.38 0.21 0.00	18.37 0.43 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.10 1.06 0.00	32.44 1.02 0.00	27.21 0.80 0.00	31.24 0.81 0.00	26.21 0.63 0.00	25.97 0.66 0.00	25.26 0.67 0.00	21.05 0.68 0.00	21.07 0.91 0.00	23.22 0.94 0.00	25.05 1.08 0.00	23.11 0.93 0.00	23.23 0.90 0.00	19.22 0.78 0.00	17.12 0.78 0.00	17.69 0.84 0.00	21.33 1.11 0.00	24.48 1.33 0.00	31.33 1.73 0.00	32.94 1.90 0.00	26.36 1.47 0.00	27.93 1.50 0.00	21.83 1.07 0.00	20.11 0.94 0.00	18.64 0.70 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.03 0.99 0.00	32.36 0.94 0.00	27.15 0.74 0.00	31.18 0.75 0.00	26.17 0.59 0.00	25.92 0.62 0.00	25.21 0.61 0.00	20.98 0.62 0.00	20.98 0.82 0.00	23.13 0.86 0.00	24.94 0.96 0.00	22.99 0.80 0.00	23.07 0.74 0.00	19.08 0.64 0.00	16.99 0.65 0.00	17.57 0.73 0.00	21.21 0.99 0.00	24.34 1.20 0.00	31.19 1.59 0.00	32.82 1.78 0.00	26.27 1.37 0.00	27.80 1.37 0.00	21.73 0.98 0.00	20.01 0.85 0.00	18.57 0.63 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.92 0.88 0.00	32.30 0.88 0.00	27.16 0.74 0.00	31.14 0.71 0.00	26.13 0.55 0.00	25.90 0.60 0.00	25.20 0.61 0.00	21.03 0.66 0.00	21.08 0.92 0.00	23.23 0.95 0.00	25.02 1.05 0.00	23.10 0.91 0.00	23.21 0.89 0.00	19.25 0.81 0.00	17.15 0.81 0.00	17.71 0.86 0.00	21.34 1.12 0.00	24.46 1.32 0.00	31.24 1.64 0.00	32.89 1.85 0.00	26.33 1.43 0.00	27.89 1.46 0.00	21.82 1.06 0.00	20.10 0.94 0.00	18.63 0.69 0.00
E179THST_13_KV_LOAD 356214	37.06 1.03 0.00	32.41 0.99 0.00	27.25 0.84 0.00	31.26 0.82 0.00	26.22 0.65 0.00	26.00 0.69 0.00	25.29 0.70 0.00	21.11 0.74 0.00	21.16 1.00 0.00	23.32 1.04 0.00	25.12 1.15 0.00	23.19 1.01 0.00	23.31 0.98 0.00	19.34 0.90 0.00	17.22 0.88 0.00	17.78 0.94 0.00	21.43 1.21 0.00	24.57 1.43 0.00	31.38 1.78 0.00	33.03 1.99 0.00	26.45 1.56 0.00	28.01 1.58 0.00	21.91 1.15 0.00	20.18 1.02 0.00	18.71 0.77 0.00
EAST HAMPTON___GT	38.94	34.16	28.67	32.82	27.50	27.25	26.44	22.08	22.17	24.38	26.24	24.18	24.32	20.01	17.89	18.60	22.44	25.82	33.21	34.92	27.83	29.31	22.96	21.14	19.61

23717	2.91 0.00	2.74 0.00	2.26 0.00	2.38 0.00	1.92 0.00	1.95 0.00	1.85 0.00	1.72 0.00	2.01 0.00	2.10 0.00	2.27 0.00	1.99 0.00	1.99 0.00	1.57 0.00	1.55 0.00	1.76 0.00	2.21 0.00	2.67 0.00	3.61 0.00	3.88 0.00	2.93 0.00	2.88 0.00	2.20 0.00	1.98 0.00	1.67 0.00
EAST RIVER___6 23660	37.13 1.09 0.00	32.45 1.03 0.00	27.24 0.83 0.00	31.27 0.83 0.00	26.22 0.65 0.00	25.99 0.69 0.00	25.29 0.70 0.00	21.12 0.75 0.00	21.14 0.98 0.00	23.31 1.03 0.00	25.16 1.19 0.00	23.22 1.04 0.00	23.34 1.02 0.00	19.34 0.90 0.00	17.26 0.92 0.00	17.81 0.97 0.00	21.44 1.22 0.00	24.60 1.46 0.00	31.45 1.85 0.00	33.09 2.05 0.00	26.48 1.59 0.00	28.06 1.63 0.00	21.94 1.18 0.00	20.21 1.04 0.00	18.71 0.77 0.00
EAST RIVER___7 23524	37.13 1.09 0.00	32.45 1.03 0.00	27.24 0.83 0.00	31.27 0.83 0.00	26.22 0.65 0.00	25.99 0.69 0.00	25.29 0.70 0.00	21.12 0.75 0.00	21.14 0.98 0.00	23.31 1.03 0.00	25.16 1.19 0.00	23.22 1.04 0.00	23.34 1.02 0.00	19.34 0.90 0.00	17.26 0.92 0.00	17.81 0.97 0.00	21.44 1.22 0.00	24.60 1.46 0.00	31.45 1.85 0.00	33.09 2.05 0.00	26.48 1.59 0.00	28.06 1.63 0.00	21.94 1.18 0.00	20.21 1.04 0.00	18.71 0.77 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.06 1.02 0.00	32.41 0.99 0.00	27.19 0.77 0.00	31.21 0.77 0.00	26.18 0.60 0.00	25.94 0.63 0.00	25.23 0.64 0.00	21.02 0.66 0.00	21.03 0.87 0.00	23.19 0.91 0.00	25.01 1.04 0.00	23.07 0.89 0.00	23.19 0.86 0.00	19.18 0.75 0.00	17.09 0.75 0.00	17.65 0.81 0.00	21.29 1.07 0.00	24.43 1.29 0.00	31.28 1.68 0.00	32.90 1.86 0.00	26.33 1.44 0.00	27.89 1.46 0.00	21.80 1.04 0.00	20.08 0.91 0.00	18.62 0.68 0.00
EAST_HAMPTON___DIESEL 23722	38.94 2.91 0.00	34.16 2.74 0.00	28.67 2.26 0.00	32.82 2.39 0.00	27.50 1.93 0.00	27.25 1.95 0.00	26.44 1.85 0.00	22.08 1.72 0.00	22.18 2.02 0.00	24.38 2.10 0.00	26.24 2.27 0.00	24.18 1.99 0.00	24.32 1.99 0.00	20.01 1.57 0.00	17.89 1.55 0.00	18.61 1.76 0.00	22.44 2.21 0.00	25.82 2.67 0.00	33.21 3.62 0.00	34.92 3.88 0.00	27.83 2.93 0.00	29.31 2.88 0.00	22.96 2.20 0.00	21.14 1.98 0.00	19.61 1.67 0.00
EAST_PULASKI___ESR 323781	35.72 -0.32 0.00	31.08 -0.34 0.00	26.14 -0.27 0.00	30.13 -0.31 0.00	25.32 -0.26 0.00	25.04 -0.26 0.00	24.32 -0.27 0.00	20.16 -0.21 0.00	20.05 -0.11 0.00	22.07 -0.20 0.00	23.74 -0.24 0.00	21.81 -0.38 0.00	21.90 -0.43 0.00	18.07 -0.37 0.00	15.98 -0.36 0.00	16.41 -0.44 0.00	19.86 -0.36 0.00	22.94 -0.21 0.00	29.44 -0.16 0.00	30.88 -0.16 0.00	24.76 -0.14 0.00	26.18 -0.25 0.00	20.64 -0.12 0.00	19.06 -0.10 0.00	17.89 -0.05 0.00
EAST_RIVER___1 323558	37.07 1.03 0.00	32.41 0.99 0.00	27.20 0.79 0.00	31.23 0.79 0.00	26.20 0.62 0.00	25.95 0.65 0.00	25.25 0.66 0.00	21.07 0.70 0.00	21.10 0.94 0.00	23.26 0.99 0.00	25.10 1.12 0.00	23.17 0.99 0.00	23.29 0.97 0.00	19.28 0.84 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.17 0.00	24.54 1.39 0.00	31.37 1.78 0.00	33.00 1.96 0.00	26.41 1.52 0.00	27.99 1.56 0.00	21.89 1.13 0.00	20.16 0.99 0.00	18.67 0.72 0.00
EAST_RIVER___2 323559	37.13 1.09 0.00	32.45 1.03 0.00	27.24 0.83 0.00	31.27 0.83 0.00	26.22 0.65 0.00	25.99 0.69 0.00	25.29 0.70 0.00	21.12 0.75 0.00	21.14 0.98 0.00	23.31 1.03 0.00	25.16 1.19 0.00	23.22 1.04 0.00	23.34 1.02 0.00	19.34 0.90 0.00	17.26 0.92 0.00	17.81 0.97 0.00	21.44 1.22 0.00	24.60 1.46 0.00	31.45 1.85 0.00	33.09 2.05 0.00	26.48 1.59 0.00	28.06 1.63 0.00	21.94 1.18 0.00	20.21 1.04 0.00	18.71 0.77 0.00
EAST___DELAWARE_HYD 23607	37.09 1.05 0.00	32.39 0.97 0.00	27.15 0.75 0.00	31.20 0.77 0.00	26.18 0.60 0.00	25.94 0.63 0.00	25.22 0.63 0.00	20.99 0.63 0.00	21.02 0.86 0.00	23.20 0.93 0.00	24.95 0.97 0.00	22.92 0.73 0.00	23.02 0.69 0.00	19.01 0.58 0.00	16.98 0.64 0.00	17.57 0.73 0.00	21.25 1.03 0.00	24.42 1.28 0.00	31.35 1.75 0.00	32.98 1.94 0.00	26.42 1.52 0.00	27.94 1.51 0.00	21.82 1.07 0.00	20.09 0.92 0.00	18.63 0.69 0.00
EIGHT_POINT___WT_PWR 323820	37.01 0.97 0.00	32.12 0.70 0.00	27.05 0.64 0.00	31.12 0.69 0.00	26.13 0.55 0.00	25.74 0.43 0.00	24.82 0.22 0.00	20.43 0.06 0.00	20.63 0.47 0.00	22.91 0.64 0.00	24.85 0.87 0.00	22.91 0.72 0.00	23.05 0.72 0.00	18.96 0.52 0.00	16.56 0.22 0.00	16.90 0.06 0.00	20.46 0.24 0.00	23.64 0.50 0.00	30.19 0.59 0.00	31.79 0.75 0.00	25.50 0.60 0.00	26.88 0.45 0.00	21.13 0.37 0.00	19.68 0.52 0.00	18.60 0.66 0.00
ELBRIDGE_115KV_TB2 80188	35.84 -0.20 0.00	31.16 -0.26 0.00	26.22 -0.20 0.00	30.24 -0.19 0.00	25.37 -0.21 0.00	25.10 -0.20 0.00	24.38 -0.21 0.00	20.19 -0.17 0.00	20.07 -0.09 0.00	22.22 -0.06 0.00	23.94 -0.03 0.00	22.12 -0.06 0.00	22.24 -0.09 0.00	18.34 -0.10 0.00	16.18 -0.15 0.00	16.65 -0.19 0.00	20.09 -0.14 0.00	23.07 -0.07 0.00	29.52 -0.07 0.00	30.98 -0.06 0.00	24.83 -0.06 0.00	26.30 -0.13 0.00	20.63 -0.13 0.00	19.07 -0.10 0.00	17.93 -0.01 0.00
ELEC_TRO_TEK 24086	37.38 1.35 0.00	32.80 1.38 0.00	27.50 1.09 0.00	31.55 1.11 0.00	26.45 0.87 0.00	26.22 0.91 0.00	25.49 0.89 0.00	21.25 0.88 0.00	21.29 1.13 0.00	23.41 1.14 0.00	25.25 1.28 0.00	23.34 1.16 0.00	23.48 1.15 0.00	19.37 0.93 0.00	17.27 0.93 0.00	17.87 1.03 0.00	21.55 1.32 0.00	24.73 1.58 0.00	31.69 2.09 0.00	33.33 2.29 0.00	26.65 1.75 0.00	28.15 1.72 0.00	22.03 1.27 0.00	20.31 1.15 0.00	18.86 0.92 0.00
ELLENBURG_WT_PWR 323604	37.26 1.22 0.00	32.26 0.84 0.00	27.11 0.70 0.00	31.38 0.95 0.00	26.43 0.86 0.00	26.13 0.82 0.00	25.51 0.92 0.00	21.19 0.82 0.00	20.82 0.66 0.00	23.01 0.74 0.00	24.77 0.79 0.00	22.96 0.78 0.00	23.11 0.78 0.00	18.92 0.48 0.00	16.73 0.39 0.00	17.20 0.35 0.00	20.71 0.49 0.00	23.77 0.63 0.00	30.57 0.97 0.00	31.96 0.91 0.00	25.63 0.73 0.00	27.26 0.84 0.00	21.45 0.69 0.00	19.78 0.61 0.00	18.52 0.58 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.03 0.00 0.00	31.27 -0.15 0.00	26.42 0.01 0.00	30.44 0.01 0.00	25.50 -0.08 0.00	25.14 -0.16 0.00	24.29 -0.30 0.00	20.02 -0.35 0.00	20.04 -0.12 0.00	22.33 0.05 0.00	24.19 0.22 0.00	22.33 0.14 0.00	22.50 0.17 0.00	18.51 0.07 0.00	16.29 -0.06 0.00	16.62 -0.22 0.00	20.06 -0.16 0.00	22.95 -0.20 0.00	29.19 -0.41 0.00	30.70 -0.34 0.00	24.62 -0.27 0.00	25.98 -0.45 0.00	20.39 -0.37 0.00	19.00 -0.17 0.00	18.09 0.14 0.00
EMPIRE_CC_1 323656	36.09 0.06 0.00	31.53 0.11 0.00	26.56 0.14 0.00	30.63 0.19 0.00	25.67 0.09 0.00	25.40 0.10 0.00	24.75 0.15 0.00	20.50 0.13 0.00	20.37 0.21 0.00	22.46 0.19 0.00	24.12 0.15 0.00	22.19 0.01 0.00	22.32 -0.01 0.00	18.50 0.07 0.00	16.46 0.11 0.00	17.04 0.20 0.00	20.59 0.37 0.00	23.57 0.42 0.00	30.19 0.59 0.00	31.60 0.55 0.00	25.21 0.31 0.00	26.77 0.34 0.00	20.94 0.18 0.00	19.32 0.15 0.00	18.04 0.10 0.00
EMPIRE_CC_2	36.09	31.53	26.56	30.63	25.67	25.40	24.75	20.50	20.37	22.46	24.12	22.19	22.32	18.50	16.46	17.04	20.59	23.57	30.19	31.60	25.21	26.77	20.94	19.32	18.04

323658	0.06 0.00	0.11 0.00	0.14 0.00	0.19 0.00	0.09 0.00	0.10 0.00	0.15 0.00	0.13 0.00	0.21 0.00	0.19 0.00	0.15 0.00	0.01 0.00	-0.01 0.00	0.07 0.00	0.11 0.00	0.20 0.00	0.37 0.00	0.42 0.00	0.59 0.00	0.55 0.00	0.31 0.00	0.34 0.00	0.18 0.00	0.15 0.00	0.10 0.00
ENORWICH_115KV_TB1 80156	38.65 2.61 0.00	33.68 2.26 0.00	28.31 1.90 0.00	32.64 2.20 0.00	27.39 1.81 0.00	27.08 1.77 0.00	26.28 1.69 0.00	21.85 1.48 0.00	21.83 1.68 0.00	24.22 1.94 0.00	26.14 2.17 0.00	24.12 1.94 0.00	24.22 1.89 0.00	19.78 1.34 0.00	17.13 0.78 0.00	17.65 0.81 0.00	21.47 1.25 0.00	24.96 1.82 0.00	32.30 2.70 0.00	33.84 2.80 0.00	27.18 2.28 0.00	28.75 2.32 0.00	22.52 1.77 0.00	20.78 1.62 0.00	19.49 1.54 0.00
ERIE_ST__34_KV_TB1-2 80199	36.70 0.66 0.00	31.84 0.42 0.00	26.85 0.44 0.00	30.96 0.52 0.00	25.92 0.34 0.00	25.56 0.26 0.00	24.69 0.10 0.00	20.38 0.01 0.00	20.43 0.27 0.00	22.76 0.49 0.00	24.66 0.68 0.00	22.74 0.56 0.00	22.91 0.59 0.00	18.83 0.39 0.00	16.57 0.23 0.00	16.92 0.08 0.00	20.44 0.21 0.00	23.39 0.24 0.00	29.81 0.21 0.00	31.38 0.34 0.00	25.17 0.27 0.00	26.55 0.12 0.00	20.80 0.05 0.00	19.38 0.21 0.00	18.41 0.47 0.00
ERIE_WT_PWR 323693	36.33 0.29 0.00	31.53 0.11 0.00	26.61 0.19 0.00	30.62 0.18 0.00	25.68 0.11 0.00	25.32 0.01 0.00	24.45 -0.14 0.00	20.17 -0.20 0.00	20.21 0.05 0.00	22.51 0.24 0.00	24.39 0.42 0.00	22.50 0.31 0.00	22.68 0.35 0.00	18.65 0.21 0.00	16.40 0.06 0.00	16.75 -0.10 0.00	20.23 0.00 0.00	23.14 0.00 0.00	29.47 -0.14 0.00	31.01 -0.03 0.00	24.87 -0.03 0.00	26.24 -0.19 0.00	20.57 -0.19 0.00	19.17 0.00 0.00	18.24 0.29 0.00
ESPRGFLD_115KV_TB1 80157	37.63 1.60 0.00	32.85 1.44 0.00	27.64 1.23 0.00	31.81 1.38 0.00	26.72 1.14 0.00	26.43 1.12 0.00	25.59 1.00 0.00	21.20 0.83 0.00	21.07 0.91 0.00	23.35 1.07 0.00	25.26 1.28 0.00	23.42 1.24 0.00	23.51 1.19 0.00	19.37 0.93 0.00	17.03 0.69 0.00	17.47 0.63 0.00	20.95 0.73 0.00	24.15 1.01 0.00	30.98 1.38 0.00	32.55 1.51 0.00	26.17 1.28 0.00	27.74 1.31 0.00	21.85 1.09 0.00	20.17 1.00 0.00	18.88 0.94 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.79 0.75 0.00	31.99 0.57 0.00	26.89 0.48 0.00	31.00 0.57 0.00	26.02 0.44 0.00	25.73 0.43 0.00	24.97 0.38 0.00	20.71 0.34 0.00	20.67 0.51 0.00	22.89 0.62 0.00	24.72 0.74 0.00	22.82 0.63 0.00	22.93 0.61 0.00	18.85 0.41 0.00	16.56 0.22 0.00	17.06 0.21 0.00	20.62 0.39 0.00	23.76 0.62 0.00	30.51 0.91 0.00	32.06 1.02 0.00	25.70 0.81 0.00	27.19 0.77 0.00	21.30 0.55 0.00	19.68 0.51 0.00	18.46 0.51 0.00
ETNA____115KV_TB2 80207	36.79 0.75 0.00	31.99 0.57 0.00	26.89 0.48 0.00	31.00 0.57 0.00	26.02 0.44 0.00	25.73 0.43 0.00	24.97 0.38 0.00	20.71 0.34 0.00	20.67 0.51 0.00	22.89 0.62 0.00	24.72 0.74 0.00	22.82 0.63 0.00	22.93 0.61 0.00	18.85 0.41 0.00	16.56 0.22 0.00	17.06 0.21 0.00	20.62 0.39 0.00	23.76 0.62 0.00	30.51 0.91 0.00	32.06 1.02 0.00	25.70 0.81 0.00	27.19 0.77 0.00	21.30 0.55 0.00	19.68 0.51 0.00	18.46 0.51 0.00
EUCLID____115KV_TB2 356179	35.59 -0.45 0.00	30.99 -0.43 0.00	26.06 -0.35 0.00	30.04 -0.40 0.00	25.23 -0.35 0.00	24.95 -0.36 0.00	24.22 -0.37 0.00	20.05 -0.32 0.00	19.94 -0.22 0.00	22.05 -0.23 0.00	23.77 -0.21 0.00	21.95 -0.23 0.00	22.07 -0.26 0.00	18.19 -0.25 0.00	16.10 -0.24 0.00	16.56 -0.28 0.00	19.95 -0.28 0.00	22.88 -0.27 0.00	29.24 -0.36 0.00	30.69 -0.35 0.00	24.59 -0.30 0.00	26.07 -0.36 0.00	20.50 -0.25 0.00	18.94 -0.22 0.00	17.79 -0.15 0.00
E_CANADA_CAP_HY 24051	37.80 1.77 0.00	33.01 1.59 0.00	27.76 1.35 0.00	31.95 1.52 0.00	26.83 1.25 0.00	26.53 1.23 0.00	25.70 1.11 0.00	21.28 0.91 0.00	21.09 0.93 0.00	23.38 1.10 0.00	25.23 1.26 0.00	23.41 1.22 0.00	23.44 1.12 0.00	19.36 0.92 0.00	17.00 0.66 0.00	17.44 0.60 0.00	20.89 0.67 0.00	24.14 0.99 0.00	30.97 1.37 0.00	32.44 1.40 0.00	26.08 1.18 0.00	27.67 1.24 0.00	21.87 1.12 0.00	20.19 1.02 0.00	18.90 0.95 0.00
E_CANADA_MHWK_HY 24050	36.43 0.39 0.00	31.69 0.27 0.00	26.65 0.24 0.00	30.70 0.27 0.00	25.82 0.24 0.00	25.57 0.27 0.00	24.86 0.27 0.00	20.62 0.25 0.00	20.62 0.46 0.00	22.83 0.55 0.00	24.58 0.60 0.00	22.33 0.14 0.00	22.38 0.05 0.00	18.41 -0.03 0.00	16.17 -0.17 0.00	16.67 -0.17 0.00	20.32 0.09 0.00	23.63 0.48 0.00	30.60 1.00 0.00	32.08 1.04 0.00	25.60 0.71 0.00	27.13 0.70 0.00	21.20 0.45 0.00	19.59 0.42 0.00	18.25 0.30 0.00
E_FISHKILL____LBMP 23776	36.89 0.86 0.00	32.25 0.83 0.00	27.05 0.64 0.00	31.08 0.65 0.00	26.08 0.50 0.00	25.82 0.52 0.00	25.12 0.53 0.00	20.91 0.54 0.00	20.92 0.76 0.00	23.06 0.78 0.00	24.86 0.89 0.00	22.92 0.73 0.00	23.03 0.70 0.00	19.05 0.61 0.00	16.96 0.62 0.00	17.52 0.68 0.00	21.16 0.94 0.00	24.28 1.14 0.00	31.10 1.50 0.00	32.69 1.65 0.00	26.15 1.25 0.00	27.69 1.26 0.00	21.65 0.89 0.00	19.95 0.78 0.00	18.50 0.56 0.00
FALCON____SEABRD_CC1 323796	37.69 1.66 0.00	32.63 1.21 0.00	27.41 1.00 0.00	31.75 1.31 0.00	26.72 1.14 0.00	26.41 1.11 0.00	25.81 1.22 0.00	21.46 1.09 0.00	21.12 0.95 0.00	23.31 1.04 0.00	25.10 1.12 0.00	23.24 1.05 0.00	23.38 1.06 0.00	19.14 0.70 0.00	16.92 0.58 0.00	17.40 0.56 0.00	20.99 0.76 0.00	24.12 0.97 0.00	31.06 1.46 0.00	32.44 1.40 0.00	25.96 1.07 0.00	27.61 1.18 0.00	21.71 0.95 0.00	20.01 0.85 0.00	18.74 0.80 0.00
FALCON____SEABRD_CC2 323797	37.69 1.66 0.00	32.63 1.21 0.00	27.41 1.00 0.00	31.75 1.31 0.00	26.72 1.14 0.00	26.41 1.11 0.00	25.81 1.22 0.00	21.46 1.09 0.00	21.12 0.95 0.00	23.31 1.04 0.00	25.10 1.12 0.00	23.24 1.05 0.00	23.38 1.06 0.00	19.14 0.70 0.00	16.92 0.58 0.00	17.40 0.56 0.00	20.99 0.76 0.00	24.12 0.97 0.00	31.06 1.46 0.00	32.44 1.40 0.00	25.96 1.07 0.00	27.61 1.18 0.00	21.71 0.95 0.00	20.01 0.85 0.00	18.74 0.80 0.00
FAR ROCKAWAY____4 23548	37.78 1.75 0.00	33.16 1.75 0.00	27.79 1.38 0.00	31.87 1.44 0.00	26.71 1.14 0.00	26.47 1.17 0.00	25.75 1.15 0.00	21.46 1.09 0.00	21.49 1.34 0.00	23.65 1.37 0.00	25.53 1.55 0.00	23.61 1.43 0.00	23.77 1.45 0.00	19.58 1.14 0.00	17.47 1.12 0.00	18.07 1.23 0.00	21.80 1.57 0.00	25.04 1.90 0.00	32.12 2.52 0.00	33.75 2.71 0.00	26.99 2.10 0.00	28.49 2.06 0.00	22.29 1.54 0.00	20.55 1.39 0.00	19.10 1.15 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.09 1.05 0.00	32.42 1.00 0.00	27.21 0.80 0.00	31.22 0.79 0.00	26.20 0.62 0.00	25.96 0.66 0.00	25.26 0.67 0.00	21.08 0.71 0.00	21.10 0.94 0.00	23.27 0.99 0.00	25.11 1.14 0.00	23.18 1.00 0.00	23.29 0.97 0.00	19.29 0.85 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.40 1.17 0.00	24.54 1.40 0.00	31.38 1.79 0.00	33.00 1.96 0.00	26.42 1.53 0.00	28.00 1.58 0.00	21.89 1.14 0.00	20.16 0.99 0.00	18.67 0.73 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J	37.10	32.44	27.23	31.24	26.21	25.97	25.26	21.09	21.11	23.28	25.12	23.19	23.31	19.30	17.20	17.76	21.40	24.56	31.39	33.03	26.44	28.02	21.90	20.17	18.67

345016	1.06 0.00	1.02 0.00	0.82 0.00	0.80 0.00	0.63 0.00	0.67 0.00	0.67 0.00	0.72 0.00	0.95 0.00	1.00 0.00	1.15 0.00	1.01 0.00	0.98 0.00	0.86 0.00	0.86 0.00	0.91 0.00	1.18 0.00	1.41 0.00	1.79 0.00	1.99 0.00	1.54 0.00	1.59 0.00	1.15 0.00	1.00 0.00	0.73 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.06 1.03 0.00	32.41 0.99 0.00	27.21 0.79 0.00	31.21 0.77 0.00	26.20 0.62 0.00	25.95 0.65 0.00	25.24 0.65 0.00	21.07 0.70 0.00	21.09 0.93 0.00	23.26 0.98 0.00	25.10 1.12 0.00	23.16 0.98 0.00	23.29 0.96 0.00	19.28 0.84 0.00	17.18 0.84 0.00	17.74 0.90 0.00	21.38 1.16 0.00	24.53 1.39 0.00	31.36 1.76 0.00	32.98 1.94 0.00	26.41 1.51 0.00	27.98 1.55 0.00	21.88 1.12 0.00	20.15 0.98 0.00	18.66 0.71 0.00
FARRAGUT___LBMP 323566	37.04 1.00 0.00	32.39 0.97 0.00	27.19 0.77 0.00	31.19 0.76 0.00	26.17 0.60 0.00	25.94 0.64 0.00	25.23 0.64 0.00	21.06 0.69 0.00	21.08 0.92 0.00	23.25 0.97 0.00	25.08 1.10 0.00	23.15 0.96 0.00	23.27 0.94 0.00	19.26 0.82 0.00	17.17 0.83 0.00	17.73 0.89 0.00	21.38 1.15 0.00	24.52 1.37 0.00	31.35 1.75 0.00	32.97 1.93 0.00	26.39 1.49 0.00	27.96 1.54 0.00	21.87 1.11 0.00	20.14 0.97 0.00	18.65 0.71 0.00
FENNER___WINDPWR 24204	36.66 0.62 0.00	31.97 0.55 0.00	26.87 0.46 0.00	30.95 0.51 0.00	26.01 0.44 0.00	25.73 0.43 0.00	24.99 0.40 0.00	20.71 0.35 0.00	20.62 0.46 0.00	22.80 0.52 0.00	24.57 0.59 0.00	22.65 0.46 0.00	22.72 0.39 0.00	18.67 0.23 0.00	16.45 0.11 0.00	16.94 0.10 0.00	20.48 0.25 0.00	23.64 0.49 0.00	30.35 0.75 0.00	31.87 0.83 0.00	25.53 0.63 0.00	27.05 0.62 0.00	21.23 0.48 0.00	19.60 0.43 0.00	18.35 0.41 0.00
FIBERTEK___ENERGY 23856	35.97 -0.06 0.00	31.30 -0.12 0.00	26.32 -0.09 0.00	30.34 -0.09 0.00	25.47 -0.10 0.00	25.20 -0.10 0.00	24.48 -0.11 0.00	20.27 -0.09 0.00	20.17 0.01 0.00	22.30 0.03 0.00	24.05 0.08 0.00	22.22 0.03 0.00	22.33 0.00 0.00	18.41 -0.03 0.00	16.26 -0.08 0.00	16.74 -0.11 0.00	20.18 -0.05 0.00	23.18 0.03 0.00	29.66 0.06 0.00	31.11 0.07 0.00	24.94 0.04 0.00	26.42 -0.01 0.00	20.75 -0.01 0.00	19.16 0.00 0.00	18.01 0.07 0.00
FITZPATRICK____ 23598	35.15 -0.89 0.00	30.61 -0.81 0.00	25.74 -0.67 0.00	29.66 -0.77 0.00	24.92 -0.66 0.00	24.64 -0.66 0.00	23.94 -0.66 0.00	19.81 -0.56 0.00	19.66 -0.49 0.00	21.74 -0.54 0.00	23.42 -0.55 0.00	21.64 -0.55 0.00	21.76 -0.57 0.00	17.96 -0.48 0.00	15.89 -0.45 0.00	16.35 -0.49 0.00	19.67 -0.56 0.00	22.54 -0.60 0.00	28.81 -0.78 0.00	30.23 -0.81 0.00	24.23 -0.66 0.00	25.69 -0.74 0.00	20.19 -0.56 0.00	18.66 -0.50 0.00	17.55 -0.39 0.00
FLOWRFLD_69_KV_BK1 356044	37.76 1.73 0.00	33.15 1.73 0.00	27.81 1.39 0.00	31.84 1.41 0.00	26.70 1.12 0.00	26.46 1.15 0.00	25.69 1.10 0.00	21.45 1.08 0.00	21.52 1.36 0.00	23.66 1.38 0.00	25.45 1.48 0.00	23.55 1.37 0.00	23.69 1.36 0.00	19.52 1.08 0.00	17.43 1.09 0.00	18.09 1.25 0.00	21.79 1.57 0.00	25.05 1.91 0.00	32.15 2.55 0.00	33.81 2.77 0.00	27.00 2.10 0.00	28.45 2.02 0.00	22.29 1.54 0.00	20.53 1.37 0.00	19.07 1.13 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.34 1.30 0.00	32.62 1.20 0.00	27.36 0.95 0.00	31.43 1.00 0.00	26.37 0.80 0.00	26.12 0.82 0.00	25.41 0.82 0.00	21.16 0.79 0.00	21.17 1.02 0.00	23.35 1.07 0.00	25.17 1.20 0.00	23.18 0.99 0.00	23.27 0.94 0.00	19.26 0.82 0.00	17.15 0.81 0.00	17.74 0.90 0.00	21.43 1.20 0.00	24.62 1.48 0.00	31.55 1.95 0.00	33.16 2.12 0.00	26.53 1.64 0.00	28.07 1.64 0.00	21.93 1.18 0.00	20.19 1.03 0.00	18.73 0.79 0.00
FORT ORANGE____ 23900	36.35 0.31 0.00	31.73 0.31 0.00	26.69 0.27 0.00	30.76 0.33 0.00	25.80 0.23 0.00	25.54 0.24 0.00	24.87 0.27 0.00	20.62 0.25 0.00	20.55 0.39 0.00	22.64 0.36 0.00	24.22 0.24 0.00	22.26 0.07 0.00	22.36 0.02 0.00	18.48 0.04 0.00	16.46 0.12 0.00	17.02 0.18 0.00	20.60 0.38 0.00	23.66 0.52 0.00	30.35 0.75 0.00	31.77 0.73 0.00	25.37 0.47 0.00	26.90 0.47 0.00	21.03 0.28 0.00	19.37 0.21 0.00	18.05 0.10 0.00
FORT_DRUM_COGEN 23780	36.42 0.38 0.00	31.64 0.22 0.00	26.63 0.22 0.00	30.72 0.28 0.00	25.85 0.28 0.00	25.58 0.28 0.00	24.86 0.27 0.00	20.64 0.27 0.00	20.51 0.35 0.00	22.47 0.19 0.00	23.95 -0.03 0.00	21.91 -0.28 0.00	21.92 -0.40 0.00	18.07 -0.37 0.00	15.97 -0.37 0.00	16.38 -0.46 0.00	20.06 -0.17 0.00	23.48 0.34 0.00	30.33 0.73 0.00	31.79 0.75 0.00	25.52 0.63 0.00	26.87 0.44 0.00	21.26 0.51 0.00	19.59 0.43 0.00	18.33 0.39 0.00
FOX_HILLS___ESR 323835	37.22 1.18 0.00	32.55 1.14 0.00	27.39 0.98 0.00	31.39 0.95 0.00	26.36 0.78 0.00	26.12 0.82 0.00	25.41 0.82 0.00	21.20 0.83 0.00	21.23 1.07 0.00	23.40 1.13 0.00	25.26 1.28 0.00	23.31 1.13 0.00	23.43 1.10 0.00	19.41 0.97 0.00	17.27 0.93 0.00	17.83 0.99 0.00	21.49 1.26 0.00	24.67 1.52 0.00	31.46 1.86 0.00	33.14 2.10 0.00	26.59 1.68 -0.01	28.16 1.72 -0.01	22.03 1.27 -0.01	20.28 1.11 0.00	18.79 0.84 0.00
FPL FAR_ROCK_GT1 24212	37.78 1.75 0.00	33.16 1.74 0.00	27.79 1.38 0.00	31.88 1.45 0.00	26.71 1.14 0.00	26.47 1.17 0.00	25.75 1.16 0.00	21.46 1.09 0.00	21.49 1.34 0.00	23.65 1.37 0.00	25.53 1.55 0.00	23.61 1.43 0.00	23.77 1.44 0.00	19.57 1.14 0.00	17.46 1.12 0.00	18.07 1.23 0.00	21.80 1.57 0.00	25.04 1.90 0.00	32.12 2.52 0.00	33.75 2.71 0.00	26.99 2.10 0.00	28.49 2.06 0.00	22.29 1.54 0.00	20.56 1.39 0.00	19.10 1.15 0.00
FPL FAR_ROCK_GT2 23815	37.78 1.75 0.00	33.16 1.74 0.00	27.79 1.38 0.00	31.88 1.45 0.00	26.71 1.14 0.00	26.47 1.17 0.00	25.75 1.16 0.00	21.46 1.09 0.00	21.49 1.34 0.00	23.65 1.37 0.00	25.53 1.55 0.00	23.61 1.43 0.00	23.77 1.44 0.00	19.57 1.14 0.00	17.46 1.12 0.00	18.07 1.23 0.00	21.80 1.57 0.00	25.04 1.90 0.00	32.12 2.52 0.00	33.75 2.71 0.00	26.99 2.10 0.00	28.49 2.06 0.00	22.29 1.54 0.00	20.56 1.39 0.00	19.10 1.15 0.00
FRANKLIN_FALL_HYD 24054	37.45 1.42 0.00	32.44 1.02 0.00	27.26 0.85 0.00	31.53 1.10 0.00	26.55 0.98 0.00	26.26 0.95 0.00	25.63 1.04 0.00	21.26 0.90 0.00	20.85 0.70 0.00	23.08 0.81 0.00	24.86 0.88 0.00	23.09 0.91 0.00	23.23 0.91 0.00	19.06 0.62 0.00	16.85 0.51 0.00	17.33 0.48 0.00	20.84 0.61 0.00	23.89 0.75 0.00	30.67 1.07 0.00	32.07 1.03 0.00	25.74 0.85 0.00	27.38 0.95 0.00	21.59 0.84 0.00	19.91 0.74 0.00	18.62 0.68 0.00
FREEPORT_EQUS_GT1 23764	37.40 1.36 0.00	32.95 1.53 0.00	27.64 1.23 0.00	31.68 1.25 0.00	26.56 0.98 0.00	26.32 1.02 0.00	25.60 1.01 0.00	21.35 0.98 0.00	21.39 1.23 0.00	23.52 1.24 0.00	25.35 1.38 0.00	23.46 1.28 0.00	23.61 1.28 0.00	19.44 1.00 0.00	17.35 1.01 0.00	17.97 1.13 0.00	21.66 1.44 0.00	24.86 1.72 0.00	31.89 2.30 0.00	33.54 2.50 0.00	26.80 1.90 0.00	28.30 1.87 0.00	22.15 1.39 0.00	20.43 1.26 0.00	18.96 1.02 0.00
FREEPORT___CT2	37.40	32.95	27.64	31.68	26.56	26.32	25.60	21.35	21.39	23.52	25.35	23.46	23.61	19.44	17.35	17.97	21.66	24.86	31.89	33.54	26.80	28.30	22.15	20.43	18.96

23818	1.36 0.00	1.53 0.00	1.23 0.00	1.25 0.00	0.98 0.00	1.02 0.00	1.01 0.00	0.98 0.00	1.23 0.00	1.24 0.00	1.38 0.00	1.28 0.00	1.28 0.00	1.00 0.00	1.01 0.00	1.13 0.00	1.44 0.00	1.72 0.00	2.30 0.00	2.50 0.00	1.90 0.00	1.87 0.00	1.39 0.00	1.26 0.00	1.02 0.00
FRESHKLS_33_KV_LOAD 356253	37.23 1.20 0.00	32.58 1.16 0.00	27.47 1.06 0.00	31.46 1.03 0.00	26.48 0.90 0.00	26.24 0.93 0.00	25.51 0.92 0.00	21.28 0.91 0.00	21.30 1.14 0.00	23.46 1.19 0.00	25.31 1.33 0.00	23.35 1.16 0.00	23.46 1.14 0.00	19.43 0.99 0.00	17.27 0.92 0.00	17.82 0.98 0.00	21.49 1.26 0.00	24.68 1.53 0.00	31.40 1.80 0.00	33.07 2.03 0.00	26.61 1.71 -0.01	28.21 1.77 -0.01	22.07 1.31 -0.01	20.33 1.17 0.00	18.84 0.90 0.00
FULTON COGEN____ 23766	35.54 -0.49 0.00	30.95 -0.46 0.00	26.03 -0.39 0.00	29.98 -0.45 0.00	25.18 -0.39 0.00	24.91 -0.39 0.00	24.18 -0.41 0.00	20.02 -0.35 0.00	19.91 -0.25 0.00	22.00 -0.27 0.00	23.73 -0.25 0.00	21.91 -0.28 0.00	22.02 -0.30 0.00	18.16 -0.28 0.00	16.08 -0.26 0.00	16.54 -0.31 0.00	19.92 -0.31 0.00	22.86 -0.28 0.00	29.26 -0.34 0.00	30.69 -0.35 0.00	24.59 -0.31 0.00	26.06 -0.37 0.00	20.46 -0.29 0.00	18.92 -0.25 0.00	17.77 -0.17 0.00
FULTON____LFGE 323630	38.13 2.10 0.00	33.13 1.71 0.00	27.70 1.29 0.00	31.99 1.56 0.00	26.86 1.29 0.00	26.58 1.27 0.00	25.82 1.23 0.00	21.47 1.11 0.00	21.42 1.26 0.00	23.68 1.40 0.00	25.40 1.43 0.00	22.56 0.38 0.00	23.26 0.93 0.00	19.08 0.64 0.00	16.20 -0.14 0.00	16.60 -0.24 0.00	21.16 0.93 0.00	25.16 2.02 0.00	31.96 2.37 0.00	33.53 2.49 0.00	26.78 1.88 0.00	28.34 1.91 0.00	22.19 1.44 0.00	20.38 1.21 0.00	18.98 1.03 0.00
G.F.CEMENT____DRP 24184	37.67 1.63 0.00	32.80 1.38 0.00	27.62 1.20 0.00	31.91 1.48 0.00	26.68 1.10 0.00	26.38 1.08 0.00	25.78 1.19 0.00	21.44 1.08 0.00	21.45 1.29 0.00	23.70 1.42 0.00	25.50 1.52 0.00	23.41 1.23 0.00	23.51 1.18 0.00	19.40 0.96 0.00	17.10 0.76 0.00	17.73 0.89 0.00	21.61 1.38 0.00	24.60 1.46 0.00	31.59 2.00 0.00	33.05 2.01 0.00	26.20 1.31 0.00	27.72 1.29 0.00	21.67 0.92 0.00	20.09 0.92 0.00	18.80 0.86 0.00
GARDENVILLE____LBMP 24039	36.20 0.16 0.00	31.42 0.00 0.00	26.52 0.11 0.00	30.58 0.14 0.00	25.60 0.03 0.00	25.24 -0.06 0.00	24.38 -0.21 0.00	20.10 -0.27 0.00	20.13 -0.03 0.00	22.43 0.16 0.00	24.31 0.34 0.00	22.43 0.24 0.00	22.60 0.27 0.00	18.58 0.15 0.00	16.35 0.01 0.00	16.69 -0.15 0.00	20.15 -0.07 0.00	23.06 -0.09 0.00	29.35 -0.25 0.00	30.89 -0.15 0.00	24.77 -0.12 0.00	26.14 -0.29 0.00	20.50 -0.26 0.00	19.10 -0.07 0.00	18.17 0.22 0.00
GARDNVLA_35_KV_LD 355827	36.34 0.30 0.00	31.53 0.11 0.00	26.62 0.21 0.00	30.68 0.25 0.00	25.69 0.11 0.00	25.32 0.02 0.00	24.46 -0.13 0.00	20.17 -0.19 0.00	20.21 0.05 0.00	22.52 0.24 0.00	24.41 0.43 0.00	22.52 0.33 0.00	22.70 0.37 0.00	18.67 0.23 0.00	16.42 0.07 0.00	16.76 -0.08 0.00	20.24 0.01 0.00	23.16 0.02 0.00	29.50 -0.10 0.00	31.04 0.00 0.00	24.89 -0.01 0.00	26.26 -0.17 0.00	20.58 -0.17 0.00	19.18 0.01 0.00	18.24 0.30 0.00
GELCKHM__115KV_LOAD 80723	35.73 -0.31 0.00	31.11 -0.32 0.00	26.16 -0.26 0.00	30.16 -0.28 0.00	25.32 -0.26 0.00	25.05 -0.26 0.00	24.32 -0.27 0.00	20.13 -0.24 0.00	20.03 -0.13 0.00	22.15 -0.13 0.00	23.87 -0.10 0.00	22.05 -0.13 0.00	22.17 -0.16 0.00	18.27 -0.16 0.00	16.16 -0.18 0.00	16.62 -0.22 0.00	20.04 -0.19 0.00	22.99 -0.15 0.00	29.41 -0.19 0.00	30.86 -0.18 0.00	24.73 -0.17 0.00	26.20 -0.23 0.00	20.60 -0.15 0.00	19.02 -0.14 0.00	17.88 -0.07 0.00
GENERAL____MILLS 23808	36.30 0.26 0.00	31.49 0.07 0.00	26.59 0.17 0.00	30.65 0.21 0.00	25.67 0.09 0.00	25.29 -0.01 0.00	24.43 -0.16 0.00	20.15 -0.22 0.00	20.19 0.03 0.00	22.49 0.21 0.00	24.37 0.40 0.00	22.49 0.30 0.00	22.67 0.34 0.00	18.64 0.20 0.00	16.40 0.06 0.00	16.74 -0.11 0.00	20.21 -0.02 0.00	23.12 -0.02 0.00	29.44 -0.16 0.00	30.98 -0.06 0.00	24.85 -0.05 0.00	26.22 -0.21 0.00	20.55 -0.20 0.00	19.15 -0.01 0.00	18.21 0.27 0.00
GE_PLASTICS____DRP 24183	36.31 0.27 0.00	31.70 0.29 0.00	26.67 0.25 0.00	30.72 0.29 0.00	25.79 0.21 0.00	25.52 0.22 0.00	24.83 0.24 0.00	20.58 0.21 0.00	20.51 0.35 0.00	22.61 0.33 0.00	24.25 0.27 0.00	22.30 0.12 0.00	22.42 0.09 0.00	18.54 0.10 0.00	16.49 0.15 0.00	17.05 0.21 0.00	20.62 0.39 0.00	23.65 0.50 0.00	30.28 0.69 0.00	31.73 0.69 0.00	25.36 0.46 0.00	26.89 0.46 0.00	21.04 0.29 0.00	19.40 0.23 0.00	18.07 0.13 0.00
GILBOA____1 23756	36.44 0.40 0.00	31.82 0.40 0.00	26.82 0.41 0.00	30.90 0.46 0.00	26.01 0.43 0.00	25.74 0.43 0.00	24.93 0.33 0.00	20.62 0.25 0.00	20.57 0.41 0.00	22.70 0.43 0.00	24.44 0.47 0.00	22.52 0.34 0.00	22.64 0.32 0.00	18.72 0.28 0.00	16.62 0.28 0.00	17.16 0.32 0.00	20.72 0.50 0.00	23.76 0.62 0.00	30.38 0.78 0.00	31.89 0.86 0.00	25.57 0.67 0.00	27.08 0.65 0.00	21.20 0.45 0.00	19.56 0.39 0.00	18.22 0.28 0.00
GILBOA____2 23757	36.44 0.40 0.00	31.82 0.40 0.00	26.82 0.41 0.00	30.90 0.46 0.00	26.01 0.43 0.00	25.74 0.43 0.00	24.93 0.33 0.00	20.62 0.25 0.00	20.57 0.41 0.00	22.70 0.43 0.00	24.44 0.47 0.00	22.52 0.34 0.00	22.64 0.32 0.00	18.72 0.28 0.00	16.62 0.28 0.00	17.16 0.32 0.00	20.72 0.50 0.00	23.76 0.62 0.00	30.38 0.78 0.00	31.89 0.86 0.00	25.57 0.67 0.00	27.08 0.65 0.00	21.20 0.45 0.00	19.56 0.39 0.00	18.22 0.28 0.00
GILBOA____3 23758	36.44 0.40 0.00	31.82 0.40 0.00	26.82 0.41 0.00	30.90 0.46 0.00	26.01 0.43 0.00	25.74 0.43 0.00	24.93 0.33 0.00	20.62 0.25 0.00	20.57 0.41 0.00	22.70 0.43 0.00	24.44 0.47 0.00	22.52 0.34 0.00	22.64 0.32 0.00	18.72 0.28 0.00	16.62 0.28 0.00	17.16 0.32 0.00	20.72 0.50 0.00	23.76 0.62 0.00	30.38 0.78 0.00	31.89 0.86 0.00	25.57 0.67 0.00	27.08 0.65 0.00	21.20 0.45 0.00	19.56 0.39 0.00	18.22 0.28 0.00
GILBOA____4 23759	36.44 0.40 0.00	31.82 0.40 0.00	26.82 0.41 0.00	30.90 0.46 0.00	26.01 0.43 0.00	25.74 0.43 0.00	24.93 0.33 0.00	20.62 0.25 0.00	20.57 0.41 0.00	22.70 0.43 0.00	24.44 0.47 0.00	22.52 0.34 0.00	22.64 0.32 0.00	18.72 0.28 0.00	16.62 0.28 0.00	17.16 0.32 0.00	20.72 0.50 0.00	23.76 0.62 0.00	30.38 0.78 0.00	31.89 0.86 0.00	25.57 0.67 0.00	27.08 0.65 0.00	21.20 0.45 0.00	19.56 0.39 0.00	18.22 0.28 0.00
GILBOA____ 23599	36.44 0.40 0.00	31.82 0.40 0.00	26.83 0.42 0.00	30.89 0.46 0.00	26.01 0.43 0.00	25.74 0.43 0.00	24.93 0.33 0.00	20.61 0.25 0.00	20.57 0.41 0.00	22.70 0.43 0.00	24.44 0.47 0.00	22.52 0.34 0.00	22.64 0.32 0.00	18.72 0.28 0.00	16.62 0.28 0.00	17.16 0.32 0.00	20.72 0.50 0.00	23.76 0.62 0.00	30.38 0.78 0.00	31.89 0.86 0.00	25.56 0.67 0.00	27.08 0.65 0.00	21.20 0.45 0.00	19.56 0.39 0.00	18.22 0.28 0.00
GINNA____	34.19	29.76	25.08	28.87	24.27	23.97	23.27	19.25	19.18	21.28	22.97	21.15	21.26	17.52	15.46	15.87	19.18	22.07	28.19	29.55	23.67	25.03	19.63	18.16	17.16

23603	-1.84 0.00	-1.66 0.00	-1.33 0.00	-1.57 0.00	-1.31 0.00	-1.33 0.00	-1.32 0.00	-1.12 0.00	-0.98 0.00	-1.00 0.00	-1.01 0.00	-1.03 0.00	-1.06 0.00	-0.91 0.00	-0.89 0.00	-0.97 0.00	-1.05 0.00	-1.08 0.00	-1.41 0.00	-1.49 0.00	-1.23 0.00	-1.40 0.00	-1.13 0.00	-1.01 0.00	-0.79 0.00
GLEN PARK____ 23778	36.53 0.49 0.00	31.73 0.32 0.00	26.69 0.28 0.00	30.79 0.36 0.00	25.92 0.34 0.00	25.65 0.35 0.00	24.93 0.34 0.00	20.71 0.34 0.00	20.58 0.42 0.00	22.54 0.26 0.00	23.95 -0.03 0.00	21.89 -0.29 0.00	21.91 -0.42 0.00	18.05 -0.39 0.00	15.97 -0.38 0.00	16.36 -0.49 0.00	20.08 -0.14 0.00	23.57 0.43 0.00	30.49 0.89 0.00	31.96 0.93 0.00	25.65 0.76 0.00	27.00 0.57 0.00	21.35 0.60 0.00	19.66 0.50 0.00	18.40 0.45 0.00
GLENDALE_27_KV_LOAD 356172	37.14 1.10 0.00	32.47 1.05 0.00	27.26 0.85 0.00	31.27 0.83 0.00	26.23 0.65 0.00	26.00 0.70 0.00	25.29 0.70 0.00	21.12 0.75 0.00	21.15 0.99 0.00	23.32 1.04 0.00	25.16 1.18 0.00	23.22 1.04 0.00	23.35 1.02 0.00	19.35 0.91 0.00	17.25 0.90 0.00	17.81 0.96 0.00	21.45 1.22 0.00	24.60 1.46 0.00	31.45 1.85 0.00	33.11 2.07 0.00	26.50 1.60 0.00	28.07 1.64 0.00	21.94 1.19 0.00	20.20 1.04 0.00	18.72 0.77 0.00
GLENWOOD_IC_1_G5 23712	37.55 1.51 0.00	32.95 1.53 0.00	27.62 1.21 0.00	31.67 1.24 0.00	26.56 0.98 0.00	26.32 1.02 0.00	25.59 1.00 0.00	21.34 0.97 0.00	21.38 1.23 0.00	23.52 1.24 0.00	25.38 1.40 0.00	23.46 1.27 0.00	23.59 1.27 0.00	19.45 1.01 0.00	17.36 1.02 0.00	17.97 1.13 0.00	21.66 1.44 0.00	24.86 1.72 0.00	31.87 2.27 0.00	33.52 2.48 0.00	26.80 1.90 0.00	28.30 1.87 0.00	22.14 1.39 0.00	20.41 1.24 0.00	18.97 1.03 0.00
GLENWOOD_IC_2_G1 23688	37.48 1.44 0.00	32.88 1.46 0.00	27.57 1.16 0.00	31.63 1.19 0.00	26.51 0.93 0.00	26.27 0.97 0.00	25.54 0.95 0.00	21.30 0.93 0.00	21.34 1.18 0.00	23.47 1.20 0.00	25.32 1.35 0.00	23.40 1.22 0.00	23.54 1.21 0.00	19.42 0.98 0.00	17.32 0.98 0.00	17.92 1.08 0.00	21.61 1.38 0.00	24.80 1.65 0.00	31.79 2.19 0.00	33.43 2.39 0.00	26.73 1.83 0.00	28.23 1.81 0.00	22.10 1.34 0.00	20.37 1.21 0.00	18.92 0.98 0.00
GLENWOOD_IC_3_G1 23689	37.48 1.44 0.00	32.88 1.46 0.00	27.57 1.16 0.00	31.63 1.19 0.00	26.51 0.93 0.00	26.27 0.97 0.00	25.54 0.95 0.00	21.30 0.93 0.00	21.34 1.18 0.00	23.47 1.20 0.00	25.32 1.35 0.00	23.40 1.22 0.00	23.54 1.21 0.00	19.42 0.98 0.00	17.32 0.98 0.00	17.92 1.08 0.00	21.61 1.38 0.00	24.80 1.65 0.00	31.79 2.19 0.00	33.43 2.39 0.00	26.73 1.83 0.00	28.23 1.81 0.00	22.10 1.34 0.00	20.37 1.21 0.00	18.92 0.98 0.00
GLENWOOD____4 23550	37.55 1.51 0.00	32.95 1.53 0.00	27.62 1.21 0.00	31.67 1.24 0.00	26.56 0.98 0.00	26.32 1.02 0.00	25.59 1.00 0.00	21.34 0.97 0.00	21.38 1.23 0.00	23.52 1.24 0.00	25.38 1.40 0.00	23.46 1.27 0.00	23.59 1.27 0.00	19.45 1.01 0.00	17.36 1.02 0.00	17.97 1.13 0.00	21.66 1.44 0.00	24.86 1.72 0.00	31.87 2.27 0.00	33.52 2.48 0.00	26.80 1.90 0.00	28.30 1.87 0.00	22.14 1.39 0.00	20.41 1.24 0.00	18.97 1.03 0.00
GLENWOOD____5 23614	37.55 1.51 0.00	32.95 1.53 0.00	27.62 1.21 0.00	31.67 1.24 0.00	26.56 0.98 0.00	26.32 1.02 0.00	25.59 1.00 0.00	21.34 0.97 0.00	21.38 1.23 0.00	23.52 1.24 0.00	25.38 1.40 0.00	23.46 1.27 0.00	23.59 1.27 0.00	19.45 1.01 0.00	17.36 1.02 0.00	17.97 1.13 0.00	21.66 1.44 0.00	24.86 1.72 0.00	31.87 2.27 0.00	33.52 2.48 0.00	26.80 1.90 0.00	28.30 1.87 0.00	22.14 1.39 0.00	20.41 1.24 0.00	18.97 1.03 0.00
GLOBAL GREEN_PORT_GT1 23814	38.85 2.81 0.00	34.08 2.66 0.00	28.60 2.19 0.00	32.73 2.30 0.00	27.44 1.86 0.00	27.19 1.88 0.00	26.38 1.79 0.00	22.03 1.66 0.00	22.12 1.96 0.00	24.32 2.04 0.00	26.18 2.20 0.00	24.12 1.93 0.00	24.26 1.94 0.00	19.97 1.53 0.00	17.85 1.51 0.00	18.56 1.72 0.00	22.39 2.16 0.00	25.75 2.61 0.00	33.12 3.53 0.00	34.83 3.79 0.00	27.76 2.86 0.00	29.23 2.80 0.00	22.90 2.14 0.00	21.09 1.93 0.00	19.57 1.62 0.00
GLOBE____DSASP 323697	34.95 -1.09 0.00	30.36 -1.06 0.00	25.70 -0.71 0.00	29.61 -0.83 0.00	24.81 -0.76 0.00	24.46 -0.84 0.00	23.65 -0.94 0.00	19.48 -0.89 0.00	19.41 -0.75 0.00	21.65 -0.63 0.00	23.44 -0.54 0.00	21.66 -0.53 0.00	21.83 -0.50 0.00	17.97 -0.46 0.00	15.83 -0.51 0.00	16.14 -0.70 0.00	19.46 -0.76 0.00	22.22 -0.92 0.00	28.19 -1.41 0.00	29.57 -1.47 0.00	23.73 -1.16 0.00	25.06 -1.37 0.00	19.71 -1.05 0.00	18.37 -0.79 0.00	17.56 -0.38 0.00
GOETHSLN____LBMP 323567	36.88 0.84 0.00	32.25 0.83 0.00	27.08 0.67 0.00	31.06 0.63 0.00	26.07 0.49 0.00	25.83 0.54 0.00	25.13 0.54 0.00	20.98 0.62 0.00	21.00 0.84 0.00	23.15 0.87 0.00	24.98 1.00 0.00	23.06 0.87 0.00	23.17 0.85 0.00	19.18 0.75 0.00	17.10 0.76 0.00	17.65 0.80 0.00	21.27 1.05 0.00	24.40 1.25 0.00	31.18 1.58 0.00	32.81 1.77 0.00	26.27 1.38 0.00	27.86 1.43 0.00	21.78 1.02 0.00	20.05 0.89 0.00	18.57 0.63 0.00
GOLAH____69_KV_TB 1_2 80279	36.17 0.13 0.00	31.52 0.10 0.00	26.61 0.19 0.00	30.67 0.23 0.00	25.76 0.18 0.00	25.40 0.10 0.00	24.61 0.02 0.00	20.34 -0.03 0.00	20.27 0.12 0.00	22.49 0.21 0.00	24.29 0.32 0.00	22.35 0.16 0.00	22.46 0.13 0.00	18.51 0.07 0.00	16.30 -0.04 0.00	16.68 -0.17 0.00	20.16 -0.06 0.00	23.19 0.04 0.00	29.63 0.03 0.00	31.11 0.07 0.00	24.93 0.03 0.00	26.33 -0.10 0.00	20.64 -0.11 0.00	19.15 -0.01 0.00	18.17 0.22 0.00
GOODYEAR_LAKE_HYD 323669	37.20 1.16 0.00	32.46 1.04 0.00	27.32 0.90 0.00	31.43 1.00 0.00	26.42 0.84 0.00	26.14 0.83 0.00	25.33 0.74 0.00	21.00 0.63 0.00	20.94 0.78 0.00	23.17 0.90 0.00	25.04 1.07 0.00	23.15 0.97 0.00	23.28 0.95 0.00	19.17 0.73 0.00	16.92 0.58 0.00	17.41 0.57 0.00	20.97 0.75 0.00	24.10 0.96 0.00	30.90 1.30 0.00	32.48 1.44 0.00	26.08 1.18 0.00	27.60 1.17 0.00	21.64 0.89 0.00	19.98 0.81 0.00	18.67 0.72 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.55 0.51 0.00	31.77 0.35 0.00	26.69 0.27 0.00	30.79 0.35 0.00	25.79 0.21 0.00	25.49 0.18 0.00	24.68 0.09 0.00	20.46 0.09 0.00	20.53 0.37 0.00	22.69 0.41 0.00	24.52 0.55 0.00	22.61 0.43 0.00	22.77 0.44 0.00	18.74 0.31 0.00	16.53 0.19 0.00	17.01 0.17 0.00	20.53 0.30 0.00	23.54 0.40 0.00	30.15 0.55 0.00	31.76 0.72 0.00	25.46 0.57 0.00	26.89 0.47 0.00	21.06 0.30 0.00	19.51 0.35 0.00	18.27 0.32 0.00
GOUDEY____7 23579	36.56 0.53 0.00	31.79 0.37 0.00	26.71 0.29 0.00	30.81 0.38 0.00	25.81 0.23 0.00	25.50 0.20 0.00	24.70 0.10 0.00	20.48 0.11 0.00	20.54 0.38 0.00	22.71 0.43 0.00	24.54 0.56 0.00	22.62 0.44 0.00	22.79 0.46 0.00	18.76 0.32 0.00	16.55 0.21 0.00	17.02 0.18 0.00	20.54 0.32 0.00	23.56 0.42 0.00	30.18 0.57 0.00	31.79 0.75 0.00	25.49 0.59 0.00	26.92 0.49 0.00	21.08 0.32 0.00	19.53 0.36 0.00	18.28 0.34 0.00
GOUDEY____8	36.55	31.77	26.69	30.79	25.79	25.49	24.68	20.46	20.53	22.69	24.52	22.61	22.77	18.74	16.53	17.01	20.53	23.54	30.15	31.76	25.46	26.89	21.06	19.51	18.27

23580		0.51 0.00	0.35 0.00	0.27 0.00	0.35 0.00	0.21 0.00	0.18 0.00	0.09 0.00	0.09 0.00	0.37 0.00	0.41 0.00	0.55 0.00	0.43 0.00	0.44 0.00	0.31 0.00	0.19 0.00	0.17 0.00	0.30 0.00	0.40 0.00	0.55 0.00	0.72 0.00	0.57 0.00	0.47 0.00	0.30 0.00	0.35 0.00	0.32 0.00
GOWANUS_GT1_1 24077		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT1_2 24078		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT1_3 24079		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT1_4 24080		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT1_5 24084		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT1_6 24111		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT1_7 24112		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT1_8 24113		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT2_1 24114		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT2_2 24115		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT2_3 24116		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT2_4 24117		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT2_5 24118		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT2_6 24119		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT2_7		37.21	32.53	27.35	31.37	26.32	26.08	25.37	21.17	21.20	23.38	25.23	23.30	23.41	19.39	17.27	17.83	21.48	24.65	31.47	33.14	26.56	28.13	22.00	20.26	18.76

24120		1.17 0.00	1.11 0.00	0.94 0.00	0.94 0.00	0.74 0.00	0.78 0.00	0.78 0.00	0.80 0.00	1.04 0.00	1.10 0.00	1.25 0.00	1.11 0.00	1.08 0.00	0.95 0.00	0.92 0.00	0.98 0.00	1.25 0.00	1.51 0.00	1.88 0.00	2.10 0.00	1.66 -0.01	1.70 -0.01	1.24 -0.01	1.09 0.00	0.82 0.00
GOWANUS_GT2_8 24121		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT3_1 24122		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT3_2 24123		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT3_3 24124		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT3_4 24125		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT3_5 24126		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT3_6 24127		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT3_7 24128		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT3_8 24129		37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT4_1 24130		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT4_2 24131		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT4_3 24132		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT4_4 24133		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT4_5 24134		37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT4_6		37.21	32.54	27.35	31.35	26.32	26.08	25.37	21.17	21.20	23.38	25.23	23.30	23.41	19.40	17.27	17.83	21.48	24.65	31.48	33.14	26.56	28.13	22.00	20.26	18.76

24135	1.17 0.00	1.12 0.00	0.94 0.00	0.92 0.00	0.74 0.00	0.78 0.00	0.78 0.00	0.80 0.00	1.04 0.00	1.10 0.00	1.25 0.00	1.11 0.00	1.08 0.00	0.95 0.00	0.92 0.00	0.98 0.00	1.25 0.00	1.51 0.00	1.88 0.00	2.10 0.00	1.66 -0.01	1.69 -0.01	1.24 -0.01	1.09 0.00	0.82 0.00
GOWANUS_GT4_7 24136	37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GOWANUS_GT4_8 24137	37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GREENBSH_115KV_TB3 55895	36.16 0.12 0.00	31.58 0.16 0.00	26.55 0.14 0.00	30.61 0.17 0.00	25.68 0.10 0.00	25.42 0.11 0.00	24.74 0.15 0.00	20.51 0.14 0.00	20.43 0.27 0.00	22.52 0.24 0.00	24.11 0.13 0.00	22.14 -0.04 0.00	22.26 -0.07 0.00	18.41 -0.03 0.00	16.38 0.04 0.00	16.95 0.11 0.00	20.52 0.29 0.00	23.52 0.38 0.00	30.14 0.54 0.00	31.55 0.51 0.00	25.20 0.30 0.00	26.73 0.29 0.00	20.90 0.15 0.00	19.27 0.10 0.00	17.95 0.01 0.00
GREENIDGE_115KV_TB5 80291	36.31 0.27 0.00	31.55 0.13 0.00	26.66 0.25 0.00	30.61 0.18 0.00	25.85 0.27 0.00	25.53 0.23 0.00	24.72 0.13 0.00	20.46 0.10 0.00	20.55 0.39 0.00	22.76 0.49 0.00	24.63 0.65 0.00	22.72 0.54 0.00	22.83 0.50 0.00	18.73 0.29 0.00	16.48 0.14 0.00	16.89 0.05 0.00	20.42 0.20 0.00	23.55 0.40 0.00	30.00 0.40 0.00	31.62 0.58 0.00	25.35 0.45 0.00	26.94 0.51 0.00	21.08 0.33 0.00	19.54 0.37 0.00	18.37 0.43 0.00
GREENIDGE___3 23582	36.31 0.27 0.00	31.55 0.13 0.00	26.66 0.25 0.00	30.61 0.18 0.00	25.85 0.27 0.00	25.53 0.23 0.00	24.72 0.13 0.00	20.46 0.10 0.00	20.55 0.39 0.00	22.76 0.49 0.00	24.63 0.65 0.00	22.72 0.54 0.00	22.83 0.50 0.00	18.73 0.29 0.00	16.48 0.14 0.00	16.89 0.05 0.00	20.42 0.20 0.00	23.55 0.40 0.00	30.00 0.40 0.00	31.62 0.58 0.00	25.35 0.45 0.00	26.94 0.51 0.00	21.08 0.33 0.00	19.54 0.37 0.00	18.37 0.43 0.00
GREENIDGE___4 23583	36.31 0.27 0.00	31.55 0.13 0.00	26.66 0.24 0.00	30.59 0.15 0.00	25.85 0.27 0.00	25.53 0.23 0.00	24.72 0.13 0.00	20.46 0.10 0.00	20.55 0.39 0.00	22.76 0.48 0.00	24.63 0.65 0.00	22.72 0.54 0.00	22.83 0.50 0.00	18.73 0.30 0.00	16.48 0.14 0.00	16.89 0.05 0.00	20.42 0.20 0.00	23.55 0.40 0.00	30.00 0.40 0.00	31.61 0.57 0.00	25.35 0.45 0.00	26.94 0.51 0.00	21.08 0.33 0.00	19.54 0.37 0.00	18.37 0.43 0.00
GREENLWN_69_KV_BK 3 55738	37.31 1.27 0.00	32.76 1.34 0.00	27.47 1.06 0.00	31.50 1.06 0.00	26.41 0.83 0.00	26.17 0.87 0.00	25.44 0.84 0.00	21.22 0.85 0.00	21.27 1.11 0.00	23.38 1.10 0.00	25.19 1.21 0.00	23.30 1.12 0.00	23.43 1.10 0.00	19.31 0.87 0.00	17.24 0.90 0.00	17.87 1.03 0.00	21.52 1.29 0.00	24.71 1.56 0.00	31.66 2.06 0.00	33.29 2.25 0.00	26.61 1.72 0.00	28.08 1.65 0.00	21.99 1.23 0.00	20.27 1.10 0.00	18.84 0.90 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
GRISSOM___SOLAR 323813	38.13 2.10 0.00	33.13 1.71 0.00	27.70 1.29 0.00	31.99 1.56 0.00	26.86 1.29 0.00	26.58 1.27 0.00	25.82 1.23 0.00	21.47 1.11 0.00	21.42 1.26 0.00	23.68 1.40 0.00	25.40 1.43 0.00	22.56 0.38 0.00	23.26 0.93 0.00	19.08 0.64 0.00	16.20 -0.14 0.00	16.60 -0.24 0.00	21.16 0.93 0.00	25.16 2.02 0.00	31.96 2.37 0.00	33.53 2.49 0.00	26.78 1.88 0.00	28.34 1.91 0.00	22.19 1.44 0.00	20.38 1.21 0.00	18.98 1.03 0.00
GROVEVILLE___HYD 323602	37.34 1.30 0.00	32.62 1.20 0.00	27.36 0.95 0.00	31.43 1.00 0.00	26.37 0.80 0.00	26.12 0.82 0.00	25.41 0.82 0.00	21.16 0.79 0.00	21.17 1.02 0.00	23.35 1.07 0.00	25.17 1.20 0.00	23.18 0.99 0.00	23.27 0.94 0.00	19.26 0.82 0.00	17.15 0.81 0.00	17.74 0.90 0.00	21.43 1.20 0.00	24.62 1.48 0.00	31.55 1.95 0.00	33.16 2.12 0.00	26.53 1.64 0.00	28.07 1.64 0.00	21.93 1.18 0.00	20.19 1.03 0.00	18.73 0.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.97 -0.06 0.00	31.30 -0.12 0.00	26.32 -0.09 0.00	30.34 -0.09 0.00	25.47 -0.10 0.00	25.20 -0.10 0.00	24.48 -0.11 0.00	20.27 -0.09 0.00	20.17 0.01 0.00	22.30 0.03 0.00	24.05 0.08 0.00	22.22 0.03 0.00	22.33 0.00 0.00	18.41 -0.03 0.00	16.26 -0.08 0.00	16.74 -0.11 0.00	20.18 -0.05 0.00	23.18 0.03 0.00	29.66 0.06 0.00	31.11 0.07 0.00	24.94 0.04 0.00	26.42 -0.01 0.00	20.75 -0.01 0.00	19.16 0.00 0.00	18.01 0.07 0.00
HAMLTNNY_34_KV_TB 80303	36.03 -0.01 0.00	31.32 -0.09 0.00	26.35 -0.07 0.00	30.40 -0.03 0.00	25.50 -0.08 0.00	25.24 -0.06 0.00	24.50 -0.09 0.00	20.30 -0.07 0.00	20.19 0.03 0.00	22.35 0.07 0.00	24.09 0.12 0.00	22.26 0.08 0.00	22.37 0.04 0.00	18.43 -0.01 0.00	16.26 -0.08 0.00	16.73 -0.11 0.00	20.21 -0.02 0.00	23.23 0.09 0.00	29.74 0.14 0.00	31.20 0.17 0.00	25.01 0.11 0.00	26.48 0.05 0.00	20.77 0.01 0.00	19.19 0.03 0.00	18.05 0.10 0.00
HAMPSHIRE___PAPER_HYD 323593	36.32 0.28 0.00	31.56 0.14 0.00	26.58 0.16 0.00	30.64 0.21 0.00	25.79 0.21 0.00	25.52 0.22 0.00	24.84 0.24 0.00	20.52 0.16 0.00	20.19 0.03 0.00	22.23 -0.04 0.00	23.87 -0.11 0.00	22.08 -0.10 0.00	22.20 -0.12 0.00	18.30 -0.14 0.00	16.18 -0.16 0.00	16.65 -0.19 0.00	20.12 -0.11 0.00	23.21 0.06 0.00	29.69 0.09 0.00	31.07 0.03 0.00	24.97 0.07 0.00	26.44 0.02 0.00	20.98 0.22 0.00	19.37 0.21 0.00	18.13 0.18 0.00
HARDSCRABBLE_WT_PWR 323673	36.43 0.39 0.00	31.71 0.29 0.00	26.67 0.26 0.00	30.72 0.29 0.00	25.83 0.25 0.00	25.58 0.27 0.00	24.84 0.24 0.00	20.58 0.21 0.00	20.53 0.37 0.00	22.76 0.48 0.00	24.53 0.55 0.00	22.33 0.14 0.00	22.33 0.00 0.00	18.36 -0.08 0.00	16.15 -0.20 0.00	16.62 -0.22 0.00	20.18 -0.05 0.00	23.42 0.27 0.00	30.35 0.75 0.00	31.79 0.75 0.00	25.42 0.52 0.00	26.99 0.56 0.00	21.13 0.38 0.00	19.55 0.38 0.00	18.24 0.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G	37.15	32.47	27.24	31.27	26.25	26.00	25.28	21.04	21.04	23.20	25.03	23.07	23.18	19.17	17.07	17.63	21.28	24.42	31.30	32.94	26.38	27.91	21.81	20.08	18.63

345025	1.11 0.00	1.05 0.00	0.83 0.00	0.84 0.00	0.67 0.00	0.70 0.00	0.68 0.00	0.67 0.00	0.88 0.00	0.92 0.00	1.05 0.00	0.89 0.00	0.85 0.00	0.73 0.00	0.73 0.00	0.79 0.00	1.06 0.00	1.28 0.00	1.71 0.00	1.90 0.00	1.48 0.00	1.48 0.00	1.05 0.00	0.91 0.00	0.69 0.00
HARSNRAD_115KV_TB1 81005	35.55 -0.49 0.00	30.86 -0.56 0.00	26.10 -0.31 0.00	30.08 -0.36 0.00	25.21 -0.37 0.00	24.86 -0.45 0.00	24.03 -0.56 0.00	19.79 -0.57 0.00	19.76 -0.40 0.00	22.03 -0.25 0.00	23.84 -0.13 0.00	22.00 -0.18 0.00	22.16 -0.16 0.00	18.24 -0.20 0.00	16.08 -0.26 0.00	16.38 -0.46 0.00	19.78 -0.45 0.00	22.63 -0.51 0.00	28.76 -0.84 0.00	30.20 -0.84 0.00	24.23 -0.67 0.00	25.57 -0.86 0.00	20.08 -0.67 0.00	18.72 -0.44 0.00	17.88 -0.06 0.00
HARZA MOOSE__RIVER 24016	36.57 0.54 0.00	31.83 0.41 0.00	26.80 0.39 0.00	30.85 0.42 0.00	25.96 0.38 0.00	25.71 0.40 0.00	24.99 0.39 0.00	20.71 0.34 0.00	20.56 0.40 0.00	22.65 0.37 0.00	24.37 0.39 0.00	22.38 0.20 0.00	22.39 0.06 0.00	18.45 0.01 0.00	16.30 -0.04 0.00	16.78 -0.06 0.00	20.35 0.13 0.00	23.60 0.45 0.00	30.36 0.76 0.00	31.81 0.77 0.00	25.52 0.62 0.00	26.96 0.53 0.00	21.25 0.50 0.00	19.59 0.43 0.00	18.33 0.38 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.74 -0.30 0.00	31.12 -0.31 0.00	26.17 -0.24 0.00	30.16 -0.28 0.00	25.33 -0.25 0.00	25.05 -0.26 0.00	24.31 -0.28 0.00	20.13 -0.24 0.00	20.04 -0.12 0.00	22.16 -0.12 0.00	23.89 -0.08 0.00	22.06 -0.12 0.00	22.18 -0.14 0.00	18.28 -0.16 0.00	16.17 -0.17 0.00	16.64 -0.21 0.00	20.04 -0.18 0.00	22.98 -0.17 0.00	29.36 -0.24 0.00	30.82 -0.22 0.00	24.70 -0.20 0.00	26.18 -0.25 0.00	20.61 -0.15 0.00	19.03 -0.13 0.00	17.88 -0.07 0.00
HELLGATE_13_KV_LD 55870	36.96 0.92 0.00	32.32 0.90 0.00	27.15 0.74 0.00	31.14 0.71 0.00	26.13 0.55 0.00	25.90 0.59 0.00	25.19 0.60 0.00	21.03 0.66 0.00	21.06 0.91 0.00	23.22 0.95 0.00	25.04 1.07 0.00	23.12 0.94 0.00	23.24 0.91 0.00	19.26 0.82 0.00	17.18 0.84 0.00	17.73 0.89 0.00	21.35 1.13 0.00	24.48 1.34 0.00	31.28 1.68 0.00	32.92 1.88 0.00	26.36 1.47 0.00	27.92 1.49 0.00	21.84 1.08 0.00	20.11 0.95 0.00	18.64 0.70 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_B6.96 345018	32.32 0.92 0.00	27.15 0.90 0.00	31.14 0.74 0.00	26.13 0.55 0.00	25.90 0.59 0.00	25.19 0.60 0.00	21.03 0.66 0.00	21.06 0.91 0.00	23.22 0.95 0.00	25.04 1.07 0.00	23.12 0.94 0.00	23.24 0.91 0.00	19.26 0.82 0.00	17.18 0.84 0.00	17.73 0.89 0.00	21.35 1.13 0.00	24.48 1.34 0.00	31.28 1.68 0.00	32.92 1.88 0.00	26.36 1.47 0.00	27.92 1.49 0.00	21.84 1.08 0.00	20.11 0.95 0.00	18.64 0.70 0.00	
HEMPSTEAD____ 23647	37.32 1.28 0.00	32.78 1.36 0.00	27.48 1.07 0.00	31.52 1.09 0.00	26.42 0.84 0.00	26.19 0.89 0.00	25.46 0.87 0.00	21.23 0.87 0.00	21.28 1.12 0.00	23.39 1.12 0.00	25.23 1.26 0.00	23.33 1.15 0.00	23.47 1.14 0.00	19.34 0.90 0.00	17.27 0.92 0.00	17.88 1.04 0.00	21.55 1.32 0.00	24.72 1.58 0.00	31.69 2.09 0.00	33.33 2.29 0.00	26.64 1.75 0.00	28.14 1.71 0.00	22.02 1.26 0.00	20.31 1.14 0.00	18.86 0.91 0.00
HEWLETT__69_KV_BK3 55828	37.64 1.60 0.00	33.03 1.62 0.00	27.69 1.28 0.00	31.76 1.32 0.00	26.62 1.04 0.00	26.38 1.08 0.00	25.65 1.06 0.00	21.38 1.01 0.00	21.42 1.26 0.00	23.56 1.28 0.00	25.42 1.45 0.00	23.52 1.34 0.00	23.67 1.35 0.00	19.51 1.07 0.00	17.40 1.06 0.00	18.01 1.16 0.00	21.71 1.48 0.00	24.93 1.78 0.00	31.97 2.37 0.00	33.60 2.55 0.00	26.87 1.97 0.00	28.37 1.94 0.00	22.20 1.45 0.00	20.47 1.31 0.00	19.02 1.08 0.00
HICKLING__1 23621	36.95 0.92 0.00	32.04 0.62 0.00	26.91 0.50 0.00	31.07 0.64 0.00	25.99 0.41 0.00	25.63 0.32 0.00	24.76 0.17 0.00	20.51 0.14 0.00	20.72 0.56 0.00	22.91 0.64 0.00	24.84 0.87 0.00	22.89 0.70 0.00	23.07 0.74 0.00	18.96 0.52 0.00	16.67 0.33 0.00	17.08 0.24 0.00	20.63 0.41 0.00	23.71 0.57 0.00	30.36 0.76 0.00	32.09 1.05 0.00	25.72 0.82 0.00	27.12 0.70 0.00	21.20 0.45 0.00	19.71 0.55 0.00	18.49 0.55 0.00
HICKLING__2 23622	36.95 0.92 0.00	32.04 0.62 0.00	26.91 0.50 0.00	31.07 0.64 0.00	25.99 0.41 0.00	25.63 0.32 0.00	24.76 0.17 0.00	20.51 0.14 0.00	20.72 0.56 0.00	22.91 0.64 0.00	24.84 0.87 0.00	22.89 0.70 0.00	23.07 0.74 0.00	18.96 0.52 0.00	16.67 0.33 0.00	17.08 0.24 0.00	20.63 0.41 0.00	23.71 0.57 0.00	30.36 0.76 0.00	32.09 1.05 0.00	25.72 0.82 0.00	27.12 0.70 0.00	21.20 0.45 0.00	19.71 0.55 0.00	18.49 0.55 0.00
HIGH FALLS__HY 23754	37.39 1.35 0.00	32.66 1.24 0.00	27.37 0.96 0.00	31.42 0.99 0.00	26.37 0.80 0.00	26.13 0.83 0.00	25.40 0.81 0.00	21.17 0.80 0.00	21.19 1.03 0.00	23.41 1.13 0.00	25.17 1.20 0.00	23.12 0.94 0.00	23.22 0.89 0.00	19.19 0.75 0.00	17.13 0.79 0.00	17.74 0.90 0.00	21.46 1.23 0.00	24.65 1.51 0.00	31.63 2.03 0.00	33.32 2.28 0.00	26.68 1.79 0.00	28.22 1.79 0.00	22.05 1.29 0.00	20.29 1.12 0.00	18.80 0.86 0.00
HILLBURN__GT 23639	37.11 1.07 0.00	32.44 1.02 0.00	27.21 0.80 0.00	31.24 0.81 0.00	26.22 0.64 0.00	25.98 0.68 0.00	25.26 0.66 0.00	21.02 0.66 0.00	21.03 0.87 0.00	23.18 0.91 0.00	25.02 1.05 0.00	23.08 0.90 0.00	23.18 0.86 0.00	19.17 0.73 0.00	17.07 0.73 0.00	17.61 0.77 0.00	21.25 1.03 0.00	24.37 1.23 0.00	31.23 1.63 0.00	32.89 1.85 0.00	26.35 1.46 0.00	27.89 1.47 0.00	21.79 1.04 0.00	20.07 0.91 0.00	18.62 0.68 0.00
HILLSIDE_115KV_TB1 80332	36.52 0.49 0.00	31.65 0.23 0.00	26.57 0.15 0.00	30.69 0.26 0.00	25.65 0.07 0.00	25.30 -0.01 0.00	24.43 -0.16 0.00	20.27 -0.10 0.00	20.48 0.32 0.00	22.65 0.37 0.00	24.53 0.55 0.00	22.59 0.41 0.00	22.79 0.46 0.00	18.72 0.29 0.00	16.47 0.13 0.00	16.91 0.07 0.00	20.41 0.18 0.00	23.41 0.26 0.00	29.97 0.37 0.00	31.71 0.66 0.00	25.42 0.52 0.00	26.79 0.36 0.00	20.93 0.18 0.00	19.48 0.31 0.00	18.23 0.29 0.00
HISHELDN_WT_PWR 323625	36.20 0.16 0.00	31.43 0.01 0.00	26.52 0.10 0.00	30.51 0.08 0.00	25.61 0.03 0.00	25.23 -0.07 0.00	24.36 -0.23 0.00	20.06 -0.31 0.00	20.14 -0.01 0.00	22.41 0.14 0.00	24.30 0.33 0.00	22.42 0.24 0.00	22.59 0.26 0.00	18.58 0.14 0.00	16.32 -0.02 0.00	16.67 -0.18 0.00	20.13 -0.09 0.00	23.08 -0.07 0.00	29.40 -0.20 0.00	30.96 -0.08 0.00	24.84 -0.05 0.00	26.21 -0.22 0.00	20.55 -0.20 0.00	19.15 -0.02 0.00	18.17 0.23 0.00
HOLTSVILLE_IC_1 23690	37.72 1.69 0.00	33.12 1.70 0.00	27.79 1.37 0.00	31.83 1.40 0.00	26.68 1.11 0.00	26.45 1.14 0.00	25.68 1.09 0.00	21.43 1.06 0.00	21.48 1.32 0.00	23.61 1.33 0.00	25.40 1.43 0.00	23.49 1.31 0.00	23.64 1.31 0.00	19.48 1.04 0.00	17.39 1.05 0.00	18.05 1.21 0.00	21.73 1.50 0.00	24.95 1.81 0.00	32.02 2.43 0.00	33.68 2.64 0.00	26.90 2.00 0.00	28.35 1.92 0.00	22.22 1.47 0.00	20.50 1.34 0.00	19.05 1.10 0.00
HOLTSVILLE_IC_10	37.88	33.24	27.89	31.95	26.78	26.54	25.76	21.50	21.56	23.71	25.50	23.58	23.73	19.55	17.45	18.12	21.82	25.08	32.20	33.86	27.03	28.49	22.33	20.59	19.12

23699	1.84 0.00	1.83 0.00	1.48 0.00	1.52 0.00	1.20 0.00	1.23 0.00	1.17 0.00	1.13 0.00	1.41 0.00	1.43 0.00	1.52 0.00	1.40 0.00	1.40 0.00	1.11 0.00	1.11 0.00	1.28 0.00	1.60 0.00	1.94 0.00	2.60 0.00	2.82 0.00	2.14 0.00	2.06 0.00	1.58 0.00	1.43 0.00	1.18 0.00
HOLTSVILLE_IC_2 23691	37.72 1.69 0.00	33.12 1.70 0.00	27.79 1.37 0.00	31.83 1.40 0.00	26.68 1.11 0.00	26.45 1.14 0.00	25.68 1.09 0.00	21.43 1.06 0.00	21.48 1.32 0.00	23.61 1.33 0.00	25.40 1.43 0.00	23.49 1.31 0.00	23.64 1.31 0.00	19.48 1.04 0.00	17.39 1.05 0.00	18.05 1.21 0.00	21.73 1.50 0.00	24.95 1.81 0.00	32.02 2.43 0.00	33.68 2.64 0.00	26.90 2.00 0.00	28.35 1.92 0.00	22.22 1.47 0.00	20.50 1.34 0.00	19.05 1.10 0.00
HOLTSVILLE_IC_3 23692	37.72 1.69 0.00	33.12 1.70 0.00	27.79 1.37 0.00	31.83 1.40 0.00	26.68 1.11 0.00	26.45 1.14 0.00	25.68 1.09 0.00	21.43 1.06 0.00	21.48 1.32 0.00	23.61 1.33 0.00	25.40 1.43 0.00	23.49 1.31 0.00	23.64 1.31 0.00	19.48 1.04 0.00	17.39 1.05 0.00	18.05 1.21 0.00	21.73 1.50 0.00	24.95 1.81 0.00	32.02 2.43 0.00	33.68 2.64 0.00	26.90 2.00 0.00	28.35 1.92 0.00	22.22 1.47 0.00	20.50 1.34 0.00	19.05 1.10 0.00
HOLTSVILLE_IC_4 23693	37.72 1.69 0.00	33.12 1.70 0.00	27.79 1.37 0.00	31.83 1.40 0.00	26.68 1.11 0.00	26.45 1.14 0.00	25.68 1.09 0.00	21.43 1.06 0.00	21.48 1.32 0.00	23.61 1.33 0.00	25.40 1.43 0.00	23.49 1.31 0.00	23.64 1.31 0.00	19.48 1.04 0.00	17.39 1.05 0.00	18.05 1.21 0.00	21.73 1.50 0.00	24.95 1.81 0.00	32.02 2.43 0.00	33.68 2.64 0.00	26.90 2.00 0.00	28.35 1.92 0.00	22.22 1.47 0.00	20.50 1.34 0.00	19.05 1.10 0.00
HOLTSVILLE_IC_5 23694	37.72 1.69 0.00	33.12 1.70 0.00	27.79 1.37 0.00	31.83 1.40 0.00	26.68 1.11 0.00	26.45 1.14 0.00	25.68 1.09 0.00	21.43 1.06 0.00	21.48 1.32 0.00	23.61 1.33 0.00	25.40 1.43 0.00	23.49 1.31 0.00	23.64 1.31 0.00	19.48 1.04 0.00	17.39 1.05 0.00	18.05 1.21 0.00	21.73 1.50 0.00	24.95 1.81 0.00	32.02 2.43 0.00	33.68 2.64 0.00	26.90 2.00 0.00	28.35 1.92 0.00	22.22 1.47 0.00	20.50 1.34 0.00	19.05 1.10 0.00
HOLTSVILLE_IC_6 23695	37.88 1.84 0.00	33.24 1.83 0.00	27.89 1.48 0.00	31.95 1.52 0.00	26.78 1.20 0.00	26.54 1.23 0.00	25.76 1.17 0.00	21.50 1.13 0.00	21.56 1.41 0.00	23.71 1.43 0.00	25.50 1.52 0.00	23.58 1.40 0.00	23.73 1.40 0.00	19.55 1.11 0.00	17.45 1.11 0.00	18.12 1.28 0.00	21.82 1.60 0.00	25.08 1.94 0.00	32.20 2.60 0.00	33.86 2.82 0.00	27.03 2.14 0.00	28.49 2.06 0.00	22.33 1.58 0.00	20.59 1.43 0.00	19.12 1.18 0.00
HOLTSVILLE_IC_7 23696	37.88 1.84 0.00	33.24 1.83 0.00	27.89 1.48 0.00	31.95 1.52 0.00	26.78 1.20 0.00	26.54 1.23 0.00	25.76 1.17 0.00	21.50 1.13 0.00	21.56 1.41 0.00	23.71 1.43 0.00	25.50 1.52 0.00	23.58 1.40 0.00	23.73 1.40 0.00	19.55 1.11 0.00	17.45 1.11 0.00	18.12 1.28 0.00	21.82 1.60 0.00	25.08 1.94 0.00	32.20 2.60 0.00	33.86 2.82 0.00	27.03 2.14 0.00	28.49 2.06 0.00	22.33 1.58 0.00	20.59 1.43 0.00	19.12 1.18 0.00
HOLTSVILLE_IC_8 23697	37.88 1.84 0.00	33.24 1.83 0.00	27.89 1.48 0.00	31.95 1.52 0.00	26.78 1.20 0.00	26.54 1.23 0.00	25.76 1.17 0.00	21.50 1.13 0.00	21.56 1.41 0.00	23.71 1.43 0.00	25.50 1.52 0.00	23.58 1.40 0.00	23.73 1.40 0.00	19.55 1.11 0.00	17.45 1.11 0.00	18.12 1.28 0.00	21.82 1.60 0.00	25.08 1.94 0.00	32.20 2.60 0.00	33.86 2.82 0.00	27.03 2.14 0.00	28.49 2.06 0.00	22.33 1.58 0.00	20.59 1.43 0.00	19.12 1.18 0.00
HOLTSVILLE_IC_9 23698	37.88 1.84 0.00	33.24 1.83 0.00	27.89 1.48 0.00	31.95 1.52 0.00	26.78 1.20 0.00	26.54 1.23 0.00	25.76 1.17 0.00	21.50 1.13 0.00	21.56 1.41 0.00	23.71 1.43 0.00	25.50 1.52 0.00	23.58 1.40 0.00	23.73 1.40 0.00	19.55 1.11 0.00	17.45 1.11 0.00	18.12 1.28 0.00	21.82 1.60 0.00	25.08 1.94 0.00	32.20 2.60 0.00	33.86 2.82 0.00	27.03 2.14 0.00	28.49 2.06 0.00	22.33 1.58 0.00	20.59 1.43 0.00	19.12 1.18 0.00
HOMER_HL_115KV_TB2 355744	37.53 1.49 0.00	32.58 1.16 0.00	27.44 1.03 0.00	31.65 1.22 0.00	26.53 0.95 0.00	26.15 0.85 0.00	25.20 0.61 0.00	20.83 0.46 0.00	20.96 0.80 0.00	23.32 1.04 0.00	25.34 1.37 0.00	23.31 1.13 0.00	23.46 1.14 0.00	19.26 0.82 0.00	16.95 0.61 0.00	17.29 0.45 0.00	20.89 0.66 0.00	23.87 0.72 0.00	30.38 0.78 0.00	32.11 1.07 0.00	25.74 0.85 0.00	27.20 0.77 0.00	21.27 0.51 0.00	19.83 0.67 0.00	18.74 0.80 0.00
HOWARD_WT_PWR 323690	37.04 1.00 0.00	32.15 0.73 0.00	27.07 0.66 0.00	31.14 0.71 0.00	26.15 0.57 0.00	25.76 0.46 0.00	24.84 0.25 0.00	20.45 0.09 0.00	20.65 0.49 0.00	22.94 0.66 0.00	24.87 0.90 0.00	22.93 0.75 0.00	23.07 0.74 0.00	18.98 0.54 0.00	16.57 0.23 0.00	16.92 0.08 0.00	20.48 0.26 0.00	23.68 0.53 0.00	30.22 0.62 0.00	31.83 0.79 0.00	25.53 0.63 0.00	26.93 0.50 0.00	21.16 0.41 0.00	19.71 0.54 0.00	18.62 0.68 0.00
HQ_GEN_CEDARS 23644	36.59 0.56 0.00	31.86 0.44 0.00	26.77 0.36 0.00	30.90 0.46 0.00	25.99 0.42 0.00	25.70 0.40 0.00	25.02 0.42 0.00	20.68 0.31 0.00	20.25 0.09 0.00	22.38 0.11 0.00	24.08 0.11 0.00	22.42 0.23 0.00	22.62 0.29 0.00	18.67 0.23 0.00	16.52 0.18 0.00	17.03 0.18 0.00	20.36 0.14 0.00	23.21 0.07 0.00	29.60 0.00 0.00	30.97 -0.07 0.00	24.92 0.02 0.00	26.54 0.11 0.00	20.94 0.19 0.00	19.35 0.18 0.00	18.13 0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	46.32 0.56 -9.72	31.86 0.44 0.00	26.77 0.36 0.00	31.81 0.46 -0.92	25.99 0.42 0.00	25.70 0.40 0.00	25.02 0.42 0.00	20.68 0.31 0.00	20.25 0.09 0.00	22.38 0.11 0.00	24.08 0.11 0.00	22.42 0.23 0.00	22.62 0.29 0.00	18.67 0.23 0.00	16.52 0.18 0.00	17.03 0.19 0.00	20.36 0.13 0.00	23.21 0.07 0.00	29.60 0.00 0.00	30.97 -0.07 0.00	24.92 0.02 0.00	26.54 0.11 0.00	20.94 0.19 0.00	19.35 0.18 0.00	18.13 0.19 0.00
HQ_GEN_IMPORT 323601	45.95 0.18 -9.72	31.57 0.15 0.00	26.53 0.11 0.00	31.51 0.15 -0.92	25.73 0.15 0.00	25.45 0.15 0.00	24.75 0.16 0.00	20.48 0.11 0.00	20.12 -0.04 0.00	22.24 -0.03 0.00	23.92 -0.05 0.00	22.23 0.05 0.00	22.42 0.09 0.00	18.51 0.07 0.00	16.41 0.07 0.00	16.91 0.07 0.00	20.19 -0.03 0.00	23.03 -0.12 0.00	29.42 -0.18 0.00	31.65 -0.22 -0.82	24.77 -0.12 0.00	26.36 -0.07 0.00	20.74 -0.01 0.00	19.16 -0.01 0.00	17.94 0.00 0.00
HQ_GEN_WHEEL 23651	45.95 0.18 -9.72	31.57 0.15 0.00	26.53 0.11 0.00	31.51 0.15 -0.92	25.73 0.15 0.00	25.45 0.15 0.00	24.75 0.16 0.00	20.48 0.11 0.00	20.12 -0.04 0.00	22.24 -0.03 0.00	23.92 -0.05 0.00	22.23 0.05 0.00	22.42 0.09 0.00	18.51 0.07 0.00	16.41 0.07 0.00	16.91 0.07 0.00	20.19 -0.03 0.00	23.03 -0.12 0.00	29.42 -0.18 0.00	31.65 -0.22 -0.82	24.77 -0.12 0.00	26.36 -0.07 0.00	20.74 -0.01 0.00	19.16 -0.01 0.00	17.94 0.00 0.00
HUDSON_AVE_GT_3	37.12	32.45	27.24	31.25	26.22	25.98	25.28	21.09	21.12	23.29	25.13	23.20	23.32	19.31	17.21	17.76	21.42	24.57	31.42	33.04	26.45	28.03	21.91	20.17	18.68

23810	1.08 0.00	1.03 0.00	0.82 0.00	0.82 0.00	0.65 0.00	0.67 0.00	0.69 0.00	0.73 0.00	0.96 0.00	1.01 0.00	1.16 0.00	1.01 0.00	0.99 0.00	0.87 0.00	0.87 0.00	0.92 0.00	1.19 0.00	1.42 0.00	1.82 0.00	1.99 0.00	1.56 0.00	1.60 0.00	1.16 0.00	1.01 0.00	0.74 0.00
HUDSON AVE_GT_4 23540	37.12 1.08 0.00	32.45 1.03 0.00	27.24 0.82 0.00	31.25 0.82 0.00	26.22 0.65 0.00	25.98 0.67 0.00	25.28 0.69 0.00	21.09 0.73 0.00	21.12 0.96 0.00	23.29 1.01 0.00	25.13 1.16 0.00	23.20 1.01 0.00	23.32 0.99 0.00	19.31 0.87 0.00	17.21 0.87 0.00	17.76 0.92 0.00	21.42 1.19 0.00	24.57 1.42 0.00	31.42 1.82 0.00	33.04 1.99 0.00	26.45 1.56 0.00	28.03 1.60 0.00	21.91 1.16 0.00	20.17 1.01 0.00	18.68 0.74 0.00
HUDSON AVE_GT_5 23657	37.12 1.08 0.00	32.45 1.03 0.00	27.24 0.82 0.00	31.25 0.82 0.00	26.22 0.65 0.00	25.98 0.67 0.00	25.28 0.69 0.00	21.09 0.73 0.00	21.12 0.96 0.00	23.29 1.01 0.00	25.13 1.16 0.00	23.20 1.01 0.00	23.32 0.99 0.00	19.31 0.87 0.00	17.21 0.87 0.00	17.76 0.92 0.00	21.42 1.19 0.00	24.57 1.42 0.00	31.42 1.82 0.00	33.04 1.99 0.00	26.45 1.56 0.00	28.03 1.60 0.00	21.91 1.16 0.00	20.17 1.01 0.00	18.68 0.74 0.00
HUDSON_AVE_10 24168	37.02 0.98 0.00	32.34 0.92 0.00	27.18 0.77 0.00	31.19 0.76 0.00	26.17 0.59 0.00	25.93 0.63 0.00	25.24 0.65 0.00	21.06 0.69 0.00	21.07 0.92 0.00	23.25 0.97 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.26 0.93 0.00	19.28 0.84 0.00	17.17 0.83 0.00	17.72 0.88 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.96 1.92 0.00	26.39 1.49 0.00	27.96 1.53 0.00	21.85 1.10 0.00	20.12 0.95 0.00	18.62 0.68 0.00
HUDSON___115KV_TB 4 355613	36.81 0.78 0.00	32.13 0.71 0.00	27.02 0.61 0.00	31.15 0.72 0.00	26.14 0.56 0.00	25.87 0.57 0.00	25.20 0.61 0.00	20.90 0.54 0.00	20.85 0.69 0.00	22.94 0.66 0.00	24.50 0.53 0.00	22.56 0.37 0.00	22.60 0.27 0.00	18.64 0.20 0.00	16.68 0.34 0.00	17.24 0.40 0.00	20.86 0.63 0.00	24.02 0.87 0.00	30.88 1.28 0.00	32.32 1.28 0.00	25.80 0.90 0.00	27.32 0.89 0.00	21.34 0.59 0.00	19.65 0.48 0.00	18.30 0.36 0.00
HUNTER MOUNT___DRP 323613	37.06 1.02 0.00	32.32 0.90 0.00	27.18 0.77 0.00	31.35 0.92 0.00	26.31 0.73 0.00	26.04 0.74 0.00	25.36 0.77 0.00	21.04 0.67 0.00	20.99 0.83 0.00	23.08 0.80 0.00	24.63 0.65 0.00	22.67 0.48 0.00	22.70 0.37 0.00	18.71 0.27 0.00	16.77 0.43 0.00	17.32 0.48 0.00	20.95 0.72 0.00	24.17 1.03 0.00	31.12 1.52 0.00	32.55 1.51 0.00	25.96 1.06 0.00	27.48 1.05 0.00	21.46 0.70 0.00	19.74 0.58 0.00	18.40 0.46 0.00
HUNTINGTON_RES_REC 323705	37.49 1.45 0.00	32.91 1.49 0.00	27.61 1.19 0.00	31.64 1.21 0.00	26.51 0.94 0.00	26.28 0.98 0.00	25.53 0.94 0.00	21.31 0.94 0.00	21.37 1.21 0.00	23.48 1.21 0.00	25.28 1.30 0.00	23.38 1.20 0.00	23.52 1.19 0.00	19.37 0.93 0.00	17.31 0.97 0.00	17.95 1.11 0.00	21.62 1.40 0.00	24.85 1.70 0.00	31.88 2.28 0.00	33.53 2.49 0.00	26.79 1.89 0.00	28.24 1.81 0.00	22.11 1.36 0.00	20.39 1.22 0.00	18.93 0.99 0.00
HUNTLEY___63 23557	35.88 -0.16 0.00	31.15 -0.27 0.00	26.33 -0.08 0.00	30.34 -0.09 0.00	25.43 -0.15 0.00	25.07 -0.23 0.00	24.24 -0.35 0.00	19.97 -0.40 0.00	19.94 -0.22 0.00	22.24 -0.04 0.00	24.09 0.11 0.00	22.23 0.04 0.00	22.40 0.07 0.00	18.43 -0.01 0.00	16.23 -0.11 0.00	16.56 -0.28 0.00	19.98 -0.24 0.00	22.88 -0.26 0.00	29.08 -0.52 0.00	30.53 -0.51 0.00	24.49 -0.40 0.00	25.84 -0.59 0.00	20.29 -0.46 0.00	18.90 -0.26 0.00	18.03 0.09 0.00
HUNTLEY___64 23558	35.88 -0.16 0.00	31.15 -0.27 0.00	26.33 -0.08 0.00	30.34 -0.09 0.00	25.43 -0.15 0.00	25.07 -0.23 0.00	24.24 -0.35 0.00	19.97 -0.40 0.00	19.94 -0.22 0.00	22.24 -0.04 0.00	24.09 0.11 0.00	22.23 0.04 0.00	22.40 0.07 0.00	18.43 -0.01 0.00	16.23 -0.11 0.00	16.56 -0.28 0.00	19.98 -0.24 0.00	22.88 -0.26 0.00	29.08 -0.52 0.00	30.53 -0.51 0.00	24.49 -0.40 0.00	25.84 -0.59 0.00	20.29 -0.46 0.00	18.90 -0.26 0.00	18.03 0.09 0.00
HUNTLEY___65 23559	35.88 -0.16 0.00	31.15 -0.27 0.00	26.33 -0.08 0.00	30.34 -0.09 0.00	25.43 -0.15 0.00	25.07 -0.23 0.00	24.24 -0.35 0.00	19.97 -0.40 0.00	19.94 -0.22 0.00	22.24 -0.04 0.00	24.09 0.11 0.00	22.23 0.04 0.00	22.40 0.07 0.00	18.43 -0.01 0.00	16.23 -0.11 0.00	16.56 -0.28 0.00	19.98 -0.24 0.00	22.88 -0.26 0.00	29.08 -0.52 0.00	30.53 -0.51 0.00	24.49 -0.40 0.00	25.84 -0.59 0.00	20.29 -0.46 0.00	18.90 -0.26 0.00	18.03 0.09 0.00
HUNTLEY___66 23560	35.88 -0.16 0.00	31.15 -0.27 0.00	26.33 -0.08 0.00	30.34 -0.09 0.00	25.43 -0.15 0.00	25.07 -0.23 0.00	24.24 -0.35 0.00	19.97 -0.40 0.00	19.94 -0.22 0.00	22.24 -0.04 0.00	24.09 0.11 0.00	22.23 0.04 0.00	22.40 0.07 0.00	18.43 -0.01 0.00	16.23 -0.11 0.00	16.56 -0.28 0.00	19.98 -0.24 0.00	22.88 -0.26 0.00	29.08 -0.52 0.00	30.53 -0.51 0.00	24.49 -0.40 0.00	25.84 -0.59 0.00	20.29 -0.46 0.00	18.90 -0.26 0.00	18.03 0.09 0.00
HUNTLEY___67 23561	35.73 -0.30 0.00	31.02 -0.39 0.00	26.22 -0.19 0.00	30.22 -0.22 0.00	25.32 -0.26 0.00	24.95 -0.36 0.00	24.11 -0.48 0.00	19.88 -0.49 0.00	19.87 -0.29 0.00	22.15 -0.13 0.00	23.99 0.01 0.00	22.15 -0.04 0.00	22.32 -0.01 0.00	18.36 -0.08 0.00	16.16 -0.18 0.00	16.49 -0.35 0.00	19.90 -0.33 0.00	22.75 -0.40 0.00	28.91 -0.69 0.00	30.39 -0.65 0.00	24.38 -0.52 0.00	25.73 -0.70 0.00	20.20 -0.56 0.00	18.82 -0.34 0.00	17.94 0.00 0.00
HUNTLEY___68 23562	35.73 -0.30 0.00	31.02 -0.39 0.00	26.22 -0.19 0.00	30.22 -0.22 0.00	25.32 -0.26 0.00	24.95 -0.36 0.00	24.11 -0.48 0.00	19.88 -0.49 0.00	19.87 -0.29 0.00	22.15 -0.13 0.00	23.99 0.01 0.00	22.15 -0.04 0.00	22.32 -0.01 0.00	18.36 -0.08 0.00	16.16 -0.18 0.00	16.49 -0.35 0.00	19.90 -0.33 0.00	22.75 -0.40 0.00	28.91 -0.69 0.00	30.39 -0.65 0.00	24.38 -0.52 0.00	25.73 -0.70 0.00	20.20 -0.56 0.00	18.82 -0.34 0.00	17.94 0.00 0.00
HYLAND___LFGE 323620	37.61 1.58 0.00	32.62 1.21 0.00	27.46 1.05 0.00	31.60 1.16 0.00	26.54 0.96 0.00	26.20 0.89 0.00	25.37 0.78 0.00	21.01 0.64 0.00	21.13 0.97 0.00	23.48 1.20 0.00	25.36 1.39 0.00	23.12 0.94 0.00	23.02 0.69 0.00	18.84 0.40 0.00	16.50 0.16 0.00	16.84 0.00 0.00	20.41 0.18 0.00	23.81 0.67 0.00	31.06 1.46 0.00	32.78 1.74 0.00	26.34 1.44 0.00	27.79 1.36 0.00	21.72 0.97 0.00	20.11 0.95 0.00	18.97 1.03 0.00
INDECK___CORINTH 23802	37.58 1.54 0.00	32.75 1.33 0.00	27.57 1.16 0.00	31.84 1.41 0.00	26.64 1.06 0.00	26.34 1.04 0.00	25.72 1.13 0.00	21.39 1.02 0.00	21.36 1.20 0.00	23.59 1.31 0.00	25.39 1.42 0.00	23.37 1.18 0.00	23.47 1.14 0.00	19.37 0.93 0.00	17.04 0.70 0.00	17.67 0.83 0.00	21.50 1.27 0.00	24.43 1.28 0.00	31.37 1.77 0.00	32.82 1.78 0.00	26.05 1.15 0.00	27.55 1.13 0.00	21.55 0.79 0.00	20.01 0.84 0.00	18.78 0.84 0.00
INDECK___ILION	36.27	31.60	26.57	30.60	25.72	25.47	24.75	20.52	20.41	22.58	24.31	22.31	22.40	18.46	16.30	16.80	20.33	23.44	30.16	31.64	25.30	26.83	21.02	19.40	18.12

23567	0.23 0.00	0.19 0.00	0.16 0.00	0.17 0.00	0.15 0.00	0.16 0.00	0.16 0.00	0.15 0.00	0.26 0.00	0.30 0.00	0.33 0.00	0.12 0.00	0.07 0.00	0.02 0.00	-0.04 0.00	-0.04 0.00	0.10 0.00	0.30 0.00	0.56 0.00	0.60 0.00	0.41 0.00	0.41 0.00	0.26 0.00	0.24 0.00	0.18 0.00
INDECK___OLEAN 23982	37.52 1.48 0.00	32.58 1.16 0.00	27.43 1.02 0.00	31.61 1.17 0.00	26.53 0.95 0.00	26.15 0.85 0.00	25.20 0.61 0.00	20.83 0.46 0.00	20.96 0.80 0.00	23.31 1.04 0.00	25.34 1.37 0.00	23.31 1.13 0.00	23.46 1.14 0.00	19.26 0.82 0.00	16.95 0.61 0.00	17.29 0.45 0.00	20.89 0.66 0.00	23.87 0.72 0.00	30.38 0.78 0.00	32.11 1.07 0.00	25.74 0.85 0.00	27.20 0.77 0.00	21.27 0.51 0.00	19.83 0.67 0.00	18.74 0.80 0.00
INDECK___OSWEGO 23783	35.34 -0.70 0.00	30.77 -0.65 0.00	25.88 -0.53 0.00	29.81 -0.62 0.00	25.05 -0.53 0.00	24.77 -0.53 0.00	24.05 -0.54 0.00	19.92 -0.45 0.00	19.79 -0.36 0.00	21.86 -0.41 0.00	23.55 -0.43 0.00	21.72 -0.46 0.00	21.83 -0.49 0.00	18.02 -0.42 0.00	15.94 -0.40 0.00	16.40 -0.45 0.00	19.76 -0.46 0.00	22.69 -0.45 0.00	29.04 -0.55 0.00	30.47 -0.57 0.00	24.42 -0.47 0.00	25.87 -0.56 0.00	20.33 -0.42 0.00	18.79 -0.37 0.00	17.66 -0.28 0.00
INDECK___YERKES 23781	35.91 -0.13 0.00	31.17 -0.25 0.00	26.35 -0.06 0.00	30.31 -0.12 0.00	25.45 -0.13 0.00	25.09 -0.21 0.00	24.26 -0.33 0.00	19.99 -0.38 0.00	19.96 -0.20 0.00	22.25 -0.03 0.00	24.10 0.12 0.00	22.24 0.06 0.00	22.42 0.09 0.00	18.46 0.02 0.00	16.24 -0.10 0.00	16.57 -0.27 0.00	20.00 -0.22 0.00	22.90 -0.24 0.00	29.11 -0.49 0.00	30.55 -0.49 0.00	24.51 -0.39 0.00	25.86 -0.57 0.00	20.30 -0.45 0.00	18.92 -0.24 0.00	18.05 0.11 0.00
INDIAN POINT_GT_1 24139	37.01 0.97 0.00	32.36 0.94 0.00	27.14 0.73 0.00	31.16 0.73 0.00	26.15 0.57 0.00	25.91 0.61 0.00	25.20 0.61 0.00	20.99 0.62 0.00	21.00 0.84 0.00	23.15 0.87 0.00	24.97 0.99 0.00	23.03 0.84 0.00	23.14 0.81 0.00	19.14 0.70 0.00	17.04 0.70 0.00	17.60 0.76 0.00	21.24 1.01 0.00	24.37 1.23 0.00	31.21 1.61 0.00	32.84 1.80 0.00	26.28 1.39 0.00	27.83 1.40 0.00	21.75 0.99 0.00	20.03 0.87 0.00	18.58 0.64 0.00
INDIAN POINT_GT_2 23659	37.01 0.97 0.00	32.36 0.94 0.00	27.14 0.73 0.00	31.16 0.73 0.00	26.15 0.57 0.00	25.91 0.61 0.00	25.20 0.61 0.00	20.99 0.62 0.00	21.00 0.84 0.00	23.15 0.87 0.00	24.97 0.99 0.00	23.03 0.84 0.00	23.14 0.81 0.00	19.14 0.70 0.00	17.04 0.70 0.00	17.60 0.76 0.00	21.24 1.01 0.00	24.37 1.23 0.00	31.21 1.61 0.00	32.84 1.80 0.00	26.28 1.39 0.00	27.83 1.40 0.00	21.75 0.99 0.00	20.03 0.87 0.00	18.58 0.64 0.00
INDIAN POINT_GT_3 24019	37.01 0.97 0.00	32.36 0.94 0.00	27.14 0.73 0.00	31.16 0.73 0.00	26.15 0.57 0.00	25.91 0.61 0.00	25.20 0.61 0.00	20.99 0.62 0.00	21.00 0.84 0.00	23.15 0.87 0.00	24.97 0.99 0.00	23.03 0.84 0.00	23.14 0.81 0.00	19.14 0.70 0.00	17.04 0.70 0.00	17.60 0.76 0.00	21.24 1.01 0.00	24.37 1.23 0.00	31.21 1.61 0.00	32.84 1.80 0.00	26.28 1.39 0.00	27.83 1.40 0.00	21.75 0.99 0.00	20.03 0.87 0.00	18.58 0.64 0.00
INDIAN POINT___2 23530	36.99 0.95 0.00	32.35 0.93 0.00	27.14 0.73 0.00	31.17 0.73 0.00	26.15 0.57 0.00	25.91 0.60 0.00	25.19 0.60 0.00	20.98 0.61 0.00	20.98 0.83 0.00	23.13 0.85 0.00	24.96 0.98 0.00	23.02 0.84 0.00	23.13 0.80 0.00	19.13 0.69 0.00	17.04 0.69 0.00	17.59 0.74 0.00	21.22 0.99 0.00	24.33 1.19 0.00	31.16 1.56 0.00	32.80 1.76 0.00	26.27 1.37 0.00	27.81 1.38 0.00	21.74 0.98 0.00	20.02 0.86 0.00	18.57 0.63 0.00
INDIAN POINT___3 23531	36.99 0.95 0.00	32.35 0.93 0.00	27.14 0.72 0.00	31.16 0.72 0.00	26.14 0.57 0.00	25.90 0.60 0.00	25.19 0.60 0.00	20.98 0.61 0.00	20.98 0.83 0.00	23.13 0.85 0.00	24.95 0.98 0.00	23.01 0.83 0.00	23.12 0.80 0.00	19.13 0.69 0.00	17.03 0.69 0.00	17.59 0.75 0.00	21.22 0.99 0.00	24.35 1.21 0.00	31.18 1.58 0.00	32.80 1.76 0.00	26.26 1.36 0.00	27.81 1.38 0.00	21.74 0.98 0.00	20.02 0.86 0.00	18.57 0.62 0.00
INGHAM_C_115KV_TB7 356103	36.43 0.39 0.00	31.69 0.28 0.00	26.65 0.24 0.00	30.70 0.27 0.00	25.82 0.24 0.00	25.57 0.27 0.00	24.86 0.27 0.00	20.61 0.25 0.00	20.62 0.46 0.00	22.83 0.55 0.00	24.58 0.60 0.00	22.33 0.14 0.00	22.38 0.05 0.00	18.41 -0.03 0.00	16.17 -0.17 0.00	16.67 -0.17 0.00	20.32 0.09 0.00	23.63 0.48 0.00	30.60 1.00 0.00	32.08 1.04 0.00	25.60 0.71 0.00	27.13 0.71 0.00	21.20 0.45 0.00	19.59 0.42 0.00	18.25 0.30 0.00
IP CORINTH___1 23988	37.58 1.54 0.00	32.74 1.33 0.00	27.57 1.15 0.00	31.83 1.40 0.00	26.64 1.06 0.00	26.34 1.04 0.00	25.72 1.13 0.00	21.39 1.02 0.00	21.36 1.20 0.00	23.59 1.31 0.00	25.39 1.42 0.00	23.37 1.18 0.00	23.47 1.14 0.00	19.37 0.93 0.00	17.04 0.70 0.00	17.67 0.83 0.00	21.50 1.27 0.00	24.43 1.29 0.00	31.37 1.77 0.00	32.82 1.78 0.00	26.05 1.15 0.00	27.55 1.13 0.00	21.55 0.79 0.00	20.01 0.84 0.00	18.78 0.84 0.00
IP___TICONDEROGA 23804	39.02 2.98 0.00	33.83 2.42 0.00	28.50 2.08 0.00	33.15 2.72 0.00	27.58 2.00 0.00	27.22 1.91 0.00	26.75 2.16 0.00	22.37 2.00 0.00	22.63 2.47 0.00	25.03 2.76 0.00	26.94 2.96 0.00	24.41 2.23 0.00	24.58 2.25 0.00	20.14 1.70 0.00	17.77 1.42 0.00	18.56 1.72 0.00	22.91 2.69 0.00	25.99 2.84 0.00	33.35 3.75 0.00	34.87 3.83 0.00	27.29 2.40 0.00	28.82 2.40 0.00	22.61 1.85 0.00	20.91 1.74 0.00	19.45 1.51 0.00
ISLIP_RES_REC 323679	37.99 1.95 0.00	33.34 1.92 0.00	27.96 1.55 0.00	32.04 1.61 0.00	26.85 1.27 0.00	26.61 1.30 0.00	25.83 1.24 0.00	21.57 1.20 0.00	21.64 1.48 0.00	23.78 1.51 0.00	25.57 1.60 0.00	23.65 1.47 0.00	23.80 1.47 0.00	19.61 1.17 0.00	17.50 1.16 0.00	18.17 1.33 0.00	21.90 1.67 0.00	25.17 2.03 0.00	32.33 2.73 0.00	34.00 2.96 0.00	27.14 2.24 0.00	28.60 2.17 0.00	22.41 1.65 0.00	20.66 1.49 0.00	19.17 1.23 0.00
JAMAICA__27_KV_LOAD 355505	37.40 1.37 0.00	32.63 1.21 0.00	27.47 1.06 0.00	31.56 1.13 0.00	26.46 0.88 0.00	26.24 0.93 0.00	25.54 0.95 0.00	21.29 0.92 0.00	21.31 1.15 0.00	23.51 1.24 0.00	25.35 1.38 0.00	23.36 1.17 0.00	23.47 1.15 0.00	19.51 1.07 0.00	17.36 1.02 0.00	17.89 1.05 0.00	21.56 1.33 0.00	24.75 1.61 0.00	31.62 2.02 0.00	33.29 2.25 0.00	26.68 1.79 0.00	28.24 1.80 0.00	22.06 1.30 0.00	20.29 1.13 0.00	18.76 0.82 0.00
JANIS___SOLAR 323808	37.73 1.70 0.00	32.84 1.42 0.00	27.59 1.18 0.00	31.81 1.38 0.00	26.70 1.12 0.00	26.40 1.10 0.00	25.63 1.03 0.00	21.28 0.91 0.00	21.26 1.10 0.00	23.56 1.29 0.00	25.46 1.48 0.00	23.47 1.29 0.00	23.56 1.23 0.00	19.26 0.82 0.00	16.72 0.37 0.00	17.25 0.41 0.00	20.98 0.76 0.00	24.35 1.21 0.00	31.44 1.85 0.00	33.01 1.97 0.00	26.49 1.59 0.00	28.01 1.59 0.00	21.94 1.19 0.00	20.25 1.08 0.00	18.99 1.05 0.00
JARVIS___	36.07	31.45	26.43	30.46	25.60	25.33	24.62	20.39	20.22	22.34	24.04	22.20	22.33	18.44	16.34	16.84	20.26	23.23	29.74	31.19	25.00	26.52	20.80	19.21	17.97

23743	0.03 0.00	0.03 0.00	0.02 0.00	0.02 0.00	0.03 0.00	0.03 0.00	0.03 0.00	0.02 0.00	0.06 0.00	0.07 0.00	0.07 0.00	0.01 0.00	0.00 0.00	0.00 0.00	-0.01 0.00	0.00 0.00	0.03 0.00	0.09 0.00	0.14 0.00	0.15 0.00	0.10 0.00	0.09 0.00	0.05 0.00	0.05 0.00	0.03 0.00
JENNISON____1 23625	37.81 1.77 0.00	33.01 1.60 0.00	27.75 1.34 0.00	31.97 1.53 0.00	26.84 1.27 0.00	26.53 1.23 0.00	25.74 1.15 0.00	21.35 0.99 0.00	21.29 1.13 0.00	23.59 1.32 0.00	25.54 1.57 0.00	23.60 1.41 0.00	23.70 1.37 0.00	19.41 0.97 0.00	16.97 0.63 0.00	17.46 0.62 0.00	21.14 0.91 0.00	24.37 1.23 0.00	31.36 1.76 0.00	32.90 1.86 0.00	26.39 1.49 0.00	27.91 1.48 0.00	21.88 1.13 0.00	20.24 1.08 0.00	19.00 1.05 0.00
JENNISON____2 23626	37.81 1.77 0.00	33.01 1.60 0.00	27.75 1.34 0.00	31.97 1.53 0.00	26.84 1.27 0.00	26.53 1.23 0.00	25.74 1.15 0.00	21.35 0.99 0.00	21.29 1.13 0.00	23.59 1.32 0.00	25.54 1.57 0.00	23.60 1.41 0.00	23.70 1.37 0.00	19.41 0.97 0.00	16.97 0.63 0.00	17.46 0.62 0.00	21.14 0.91 0.00	24.37 1.23 0.00	31.36 1.76 0.00	32.90 1.86 0.00	26.39 1.49 0.00	27.91 1.48 0.00	21.88 1.13 0.00	20.24 1.08 0.00	19.00 1.05 0.00
JERICHO_RISE_WT_PWR 323719	37.18 1.14 0.00	32.19 0.78 0.00	27.06 0.64 0.00	31.32 0.88 0.00	26.38 0.81 0.00	26.07 0.77 0.00	25.46 0.87 0.00	21.14 0.77 0.00	20.75 0.59 0.00	22.95 0.67 0.00	24.70 0.72 0.00	22.92 0.73 0.00	23.06 0.73 0.00	18.89 0.44 0.00	16.71 0.36 0.00	17.17 0.33 0.00	20.66 0.43 0.00	23.69 0.54 0.00	30.45 0.85 0.00	31.83 0.79 0.00	25.55 0.65 0.00	27.19 0.76 0.00	21.39 0.63 0.00	19.73 0.57 0.00	18.48 0.54 0.00
KATONAH__115KV_46KV_TB4 355592	37.22 1.18 0.00	32.54 1.12 0.00	27.29 0.88 0.00	31.34 0.91 0.00	26.30 0.73 0.00	26.06 0.75 0.00	25.35 0.76 0.00	21.13 0.76 0.00	21.14 0.98 0.00	23.32 1.05 0.00	25.15 1.18 0.00	23.18 0.99 0.00	23.28 0.96 0.00	19.26 0.82 0.00	17.15 0.81 0.00	17.72 0.88 0.00	21.39 1.16 0.00	24.56 1.41 0.00	31.46 1.86 0.00	33.09 2.05 0.00	26.47 1.58 0.00	28.00 1.58 0.00	21.88 1.12 0.00	20.14 0.98 0.00	18.68 0.73 0.00
KCE_NY_1 323755	37.30 1.26 0.00	32.50 1.08 0.00	27.35 0.94 0.00	31.53 1.10 0.00	26.41 0.84 0.00	26.13 0.82 0.00	25.49 0.90 0.00	21.16 0.79 0.00	21.13 0.97 0.00	23.33 1.06 0.00	25.09 1.11 0.00	23.07 0.89 0.00	23.13 0.81 0.00	19.12 0.68 0.00	16.94 0.60 0.00	17.54 0.70 0.00	21.31 1.09 0.00	24.40 1.26 0.00	31.29 1.69 0.00	32.74 1.70 0.00	26.09 1.20 0.00	27.64 1.21 0.00	21.59 0.83 0.00	19.95 0.78 0.00	18.63 0.68 0.00
KCE_NY_6_ESR 323823	36.33 0.29 0.00	31.53 0.11 0.00	26.61 0.19 0.00	30.62 0.18 0.00	25.68 0.11 0.00	25.32 0.01 0.00	24.45 -0.14 0.00	20.17 -0.20 0.00	20.21 0.05 0.00	22.51 0.24 0.00	24.39 0.42 0.00	22.50 0.31 0.00	22.68 0.35 0.00	18.65 0.21 0.00	16.40 0.06 0.00	16.75 -0.10 0.00	20.23 0.00 0.00	23.14 0.00 0.00	29.47 -0.14 0.00	31.01 -0.03 0.00	24.87 -0.03 0.00	26.24 -0.19 0.00	20.57 -0.19 0.00	19.17 0.00 0.00	18.24 0.29 0.00
KEDC_PORT_JEFF_GT2 24210	37.82 1.78 0.00	33.20 1.78 0.00	27.84 1.43 0.00	31.90 1.46 0.00	26.74 1.16 0.00	26.49 1.19 0.00	25.73 1.14 0.00	21.47 1.10 0.00	21.54 1.38 0.00	23.68 1.40 0.00	25.47 1.49 0.00	23.56 1.37 0.00	23.70 1.37 0.00	19.53 1.09 0.00	17.44 1.10 0.00	18.10 1.26 0.00	21.79 1.57 0.00	25.04 1.90 0.00	32.14 2.54 0.00	33.81 2.77 0.00	26.99 2.09 0.00	28.44 2.01 0.00	22.30 1.54 0.00	20.56 1.39 0.00	19.09 1.15 0.00
KEDC_PORT_JEFF_GT3 24211	37.82 1.78 0.00	33.20 1.78 0.00	27.84 1.43 0.00	31.90 1.46 0.00	26.74 1.16 0.00	26.49 1.19 0.00	25.73 1.14 0.00	21.47 1.10 0.00	21.54 1.38 0.00	23.68 1.40 0.00	25.47 1.49 0.00	23.56 1.37 0.00	23.70 1.37 0.00	19.53 1.09 0.00	17.44 1.10 0.00	18.10 1.26 0.00	21.79 1.57 0.00	25.04 1.90 0.00	32.14 2.54 0.00	33.81 2.77 0.00	26.99 2.09 0.00	28.44 2.01 0.00	22.30 1.54 0.00	20.56 1.39 0.00	19.09 1.15 0.00
KEDC_GLWD_GT4 24219	37.55 1.51 0.00	32.95 1.53 0.00	27.62 1.21 0.00	31.69 1.25 0.00	26.56 0.98 0.00	26.32 1.02 0.00	25.59 1.00 0.00	21.34 0.97 0.00	21.38 1.23 0.00	23.52 1.25 0.00	25.38 1.40 0.00	23.46 1.27 0.00	23.59 1.26 0.00	19.45 1.01 0.00	17.36 1.02 0.00	17.97 1.13 0.00	21.66 1.44 0.00	24.86 1.72 0.00	31.87 2.27 0.00	33.51 2.47 0.00	26.80 1.90 0.00	28.30 1.87 0.00	22.14 1.39 0.00	20.41 1.25 0.00	18.97 1.02 0.00
KEDC_GLWD_GT5 24220	37.55 1.51 0.00	32.95 1.53 0.00	27.62 1.21 0.00	31.69 1.25 0.00	26.56 0.98 0.00	26.32 1.02 0.00	25.59 1.00 0.00	21.34 0.97 0.00	21.38 1.23 0.00	23.52 1.25 0.00	25.38 1.40 0.00	23.46 1.27 0.00	23.59 1.26 0.00	19.45 1.01 0.00	17.36 1.02 0.00	17.97 1.13 0.00	21.66 1.44 0.00	24.86 1.72 0.00	31.87 2.27 0.00	33.51 2.47 0.00	26.80 1.90 0.00	28.30 1.87 0.00	22.14 1.39 0.00	20.41 1.25 0.00	18.97 1.02 0.00
KENSICO____ 23655	37.06 1.02 0.00	32.41 0.99 0.00	27.19 0.77 0.00	31.21 0.77 0.00	26.18 0.60 0.00	25.94 0.63 0.00	25.23 0.64 0.00	21.02 0.66 0.00	21.03 0.87 0.00	23.19 0.91 0.00	25.01 1.04 0.00	23.07 0.89 0.00	23.19 0.86 0.00	19.18 0.75 0.00	17.09 0.75 0.00	17.65 0.81 0.00	21.29 1.07 0.00	24.43 1.29 0.00	31.28 1.68 0.00	32.90 1.86 0.00	26.33 1.44 0.00	27.89 1.46 0.00	21.80 1.04 0.00	20.08 0.91 0.00	18.62 0.68 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.42 1.38 0.00	32.69 1.27 0.00	27.40 0.99 0.00	31.46 1.03 0.00	26.40 0.83 0.00	26.16 0.85 0.00	25.44 0.85 0.00	21.19 0.82 0.00	21.22 1.06 0.00	23.43 1.15 0.00	25.18 1.21 0.00	23.12 0.94 0.00	23.21 0.88 0.00	19.18 0.74 0.00	17.13 0.80 0.00	17.73 0.89 0.00	21.46 1.24 0.00	24.66 1.52 0.00	31.66 2.06 0.00	33.33 2.28 0.00	26.69 1.79 0.00	28.22 1.79 0.00	22.04 1.29 0.00	20.28 1.12 0.00	18.80 0.86 0.00
KIAC_JFK_GT1 23816	37.26 1.23 0.00	32.52 1.10 0.00	27.39 0.98 0.00	31.46 1.03 0.00	26.39 0.81 0.00	26.16 0.85 0.00	25.47 0.87 0.00	21.23 0.86 0.00	21.24 1.08 0.00	23.43 1.16 0.00	25.26 1.28 0.00	23.29 1.10 0.00	23.40 1.08 0.00	19.45 1.00 0.00	17.30 0.96 0.00	17.84 1.00 0.00	21.49 1.26 0.00	24.67 1.52 0.00	31.51 1.91 0.00	33.17 2.13 0.00	26.58 1.69 0.00	28.14 1.71 0.00	21.98 1.23 0.00	20.23 1.06 0.00	18.70 0.76 0.00
KIAC_JFK_GT2 23817	37.26 1.23 0.00	32.52 1.10 0.00	27.39 0.98 0.00	31.46 1.03 0.00	26.39 0.81 0.00	26.16 0.85 0.00	25.47 0.87 0.00	21.23 0.86 0.00	21.24 1.08 0.00	23.43 1.16 0.00	25.26 1.28 0.00	23.29 1.10 0.00	23.40 1.08 0.00	19.45 1.00 0.00	17.30 0.96 0.00	17.84 1.00 0.00	21.49 1.26 0.00	24.67 1.52 0.00	31.51 1.91 0.00	33.17 2.13 0.00	26.58 1.69 0.00	28.14 1.71 0.00	21.98 1.23 0.00	20.23 1.06 0.00	18.70 0.76 0.00
KIAC_JFK____	37.27	32.52	27.39	31.47	26.38	26.16	25.47	21.23	21.24	23.44	25.26	23.29	23.40	19.44	17.30	17.84	21.49	24.67	31.51	33.17	26.58	28.14	21.98	20.23	18.70

323774	1.23 0.00	1.10 0.00	0.98 0.00	1.04 0.00	0.81 0.00	0.85 0.00	0.87 0.00	0.86 0.00	1.08 0.00	1.16 0.00	1.28 0.00	1.10 0.00	1.08 0.00	1.00 0.00	0.96 0.00	1.00 0.00	1.26 0.00	1.52 0.00	1.91 0.00	2.13 0.00	1.69 0.00	1.71 0.00	1.23 0.00	1.07 0.00	0.76 0.00
KINTIGH____ 23543	35.49 -0.55 0.00	30.84 -0.58 0.00	26.06 -0.36 0.00	30.03 -0.40 0.00	25.17 -0.41 0.00	24.83 -0.47 0.00	24.02 -0.57 0.00	19.81 -0.55 0.00	19.78 -0.38 0.00	22.02 -0.26 0.00	23.84 -0.14 0.00	22.00 -0.19 0.00	22.15 -0.18 0.00	18.23 -0.21 0.00	16.07 -0.27 0.00	16.41 -0.43 0.00	19.79 -0.43 0.00	22.63 -0.51 0.00	28.78 -0.82 0.00	30.23 -0.81 0.00	24.24 -0.65 0.00	25.62 -0.81 0.00	20.11 -0.64 0.00	18.72 -0.45 0.00	17.80 -0.14 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.66 1.62 0.00	32.58 1.16 0.00	27.37 0.95 0.00	31.69 1.25 0.00	26.68 1.10 0.00	26.36 1.06 0.00	25.77 1.18 0.00	21.42 1.05 0.00	21.08 0.93 0.00	23.30 1.02 0.00	25.10 1.13 0.00	23.24 1.05 0.00	23.38 1.05 0.00	19.12 0.68 0.00	16.91 0.57 0.00	17.37 0.53 0.00	20.96 0.73 0.00	24.11 0.97 0.00	31.08 1.48 0.00	32.48 1.44 0.00	26.00 1.10 0.00	27.63 1.20 0.00	21.71 0.96 0.00	20.01 0.84 0.00	18.73 0.79 0.00
LACHUTE____HYDRO 323717	39.02 2.98 0.00	33.83 2.42 0.00	28.50 2.08 0.00	33.16 2.73 0.00	27.58 2.00 0.00	27.22 1.91 0.00	26.75 2.16 0.00	22.37 2.00 0.00	22.63 2.47 0.00	25.03 2.76 0.00	26.94 2.96 0.00	24.41 2.23 0.00	24.58 2.25 0.00	20.14 1.70 0.00	17.76 1.42 0.00	18.56 1.71 0.00	22.92 2.69 0.00	25.98 2.84 0.00	33.35 3.75 0.00	34.87 3.83 0.00	27.29 2.39 0.00	28.82 2.40 0.00	22.61 1.85 0.00	20.90 1.74 0.00	19.45 1.51 0.00
LAWRNCALV_115KV_TB1 80681	36.66 0.62 0.00	31.85 0.44 0.00	26.80 0.40 0.00	30.94 0.50 0.00	26.04 0.46 0.00	25.75 0.45 0.00	25.08 0.48 0.00	20.68 0.31 0.00	20.18 0.02 0.00	22.31 0.03 0.00	23.99 0.02 0.00	22.38 0.20 0.00	22.61 0.28 0.00	18.64 0.20 0.00	16.50 0.16 0.00	17.00 0.15 0.00	20.36 0.13 0.00	23.23 0.09 0.00	29.52 -0.08 0.00	30.88 -0.16 0.00	24.84 -0.05 0.00	26.44 0.01 0.00	20.99 0.24 0.00	19.41 0.24 0.00	18.17 0.23 0.00
LEDERLE____ 23769	37.20 1.17 0.00	32.53 1.11 0.00	27.28 0.87 0.00	31.31 0.87 0.00	26.28 0.70 0.00	26.04 0.74 0.00	25.32 0.72 0.00	21.08 0.72 0.00	21.08 0.93 0.00	23.24 0.96 0.00	25.08 1.11 0.00	23.13 0.95 0.00	23.24 0.92 0.00	19.22 0.79 0.00	17.12 0.78 0.00	17.66 0.82 0.00	21.32 1.09 0.00	24.45 1.31 0.00	31.33 1.73 0.00	32.99 1.95 0.00	26.43 1.54 0.00	27.97 1.54 0.00	21.85 1.10 0.00	20.12 0.96 0.00	18.66 0.72 0.00
LIGHTHSE_115KV_TB6 355974	35.79 -0.25 0.00	31.14 -0.28 0.00	26.19 -0.22 0.00	30.19 -0.25 0.00	25.37 -0.20 0.00	25.09 -0.21 0.00	24.37 -0.22 0.00	20.21 -0.16 0.00	20.10 -0.06 0.00	22.12 -0.16 0.00	23.76 -0.22 0.00	21.82 -0.36 0.00	21.90 -0.42 0.00	18.07 -0.37 0.00	15.98 -0.37 0.00	16.40 -0.45 0.00	19.87 -0.35 0.00	22.98 -0.16 0.00	29.51 -0.09 0.00	30.95 -0.09 0.00	24.82 -0.08 0.00	26.23 -0.19 0.00	20.70 -0.06 0.00	19.12 -0.05 0.00	17.94 0.00 0.00
LINDEN COGEN____ 23786	36.87 0.83 0.00	32.24 0.82 0.00	27.07 0.66 0.00	31.07 0.64 0.00	26.07 0.49 0.00	25.83 0.52 0.00	25.12 0.53 0.00	20.97 0.61 0.00	20.99 0.83 0.00	23.14 0.86 0.00	24.98 1.00 0.00	23.05 0.87 0.00	23.16 0.84 0.00	19.18 0.74 0.00	17.09 0.75 0.00	17.64 0.80 0.00	21.26 1.04 0.00	24.38 1.24 0.00	31.17 1.57 0.00	32.81 1.77 0.00	26.26 1.36 0.00	27.85 1.42 0.00	21.77 1.01 0.00	20.05 0.89 0.00	18.56 0.62 0.00
LINDHRST_69_KV_BK1 356055	37.81 1.77 0.00	33.18 1.77 0.00	27.83 1.42 0.00	31.88 1.45 0.00	26.73 1.15 0.00	26.49 1.19 0.00	25.75 1.16 0.00	21.49 1.12 0.00	21.54 1.38 0.00	23.69 1.41 0.00	25.51 1.53 0.00	23.62 1.43 0.00	23.74 1.42 0.00	19.56 1.13 0.00	17.46 1.12 0.00	18.09 1.25 0.00	21.80 1.57 0.00	25.04 1.90 0.00	32.14 2.54 0.00	33.81 2.77 0.00	27.01 2.11 0.00	28.50 2.07 0.00	22.30 1.55 0.00	20.56 1.39 0.00	19.09 1.15 0.00
LIPA_MISC_IPP 23656	37.82 1.78 0.00	33.21 1.79 0.00	27.85 1.43 0.00	31.89 1.46 0.00	26.74 1.17 0.00	26.50 1.20 0.00	25.71 1.11 0.00	21.45 1.08 0.00	21.51 1.35 0.00	23.64 1.36 0.00	25.43 1.45 0.00	23.49 1.31 0.00	23.65 1.32 0.00	19.49 1.05 0.00	17.41 1.06 0.00	18.08 1.24 0.00	21.76 1.54 0.00	24.99 1.85 0.00	32.08 2.48 0.00	33.74 2.70 0.00	26.93 2.03 0.00	28.37 1.94 0.00	22.26 1.51 0.00	20.53 1.36 0.00	19.07 1.13 0.00
LISF____SOLAR 323691	37.87 1.83 0.00	33.24 1.82 0.00	27.88 1.47 0.00	31.94 1.51 0.00	26.77 1.19 0.00	26.53 1.22 0.00	25.73 1.14 0.00	21.48 1.11 0.00	21.54 1.38 0.00	23.67 1.39 0.00	25.44 1.47 0.00	23.50 1.32 0.00	23.66 1.33 0.00	19.49 1.05 0.00	17.41 1.07 0.00	18.09 1.25 0.00	21.79 1.56 0.00	25.03 1.88 0.00	32.13 2.53 0.00	33.79 2.75 0.00	26.96 2.07 0.00	28.42 1.99 0.00	22.29 1.54 0.00	20.57 1.40 0.00	19.10 1.15 0.00
LITTLE FALLS____HYD 24013	36.43 0.39 0.00	31.69 0.28 0.00	26.65 0.24 0.00	30.70 0.27 0.00	25.82 0.24 0.00	25.57 0.27 0.00	24.86 0.27 0.00	20.61 0.25 0.00	20.62 0.46 0.00	22.83 0.55 0.00	24.58 0.60 0.00	22.33 0.14 0.00	22.38 0.05 0.00	18.41 -0.03 0.00	16.17 -0.17 0.00	16.67 -0.17 0.00	20.32 0.09 0.00	23.63 0.48 0.00	30.60 1.00 0.00	32.08 1.04 0.00	25.60 0.71 0.00	27.13 0.71 0.00	21.20 0.45 0.00	19.59 0.42 0.00	18.25 0.30 0.00
LITTLRIV_115KV_TB1 356100	37.08 1.04 0.00	32.22 0.80 0.00	27.10 0.68 0.00	31.27 0.84 0.00	26.32 0.74 0.00	26.03 0.73 0.00	25.35 0.76 0.00	20.93 0.56 0.00	20.42 0.27 0.00	22.58 0.30 0.00	24.28 0.31 0.00	22.60 0.41 0.00	22.87 0.54 0.00	18.84 0.40 0.00	16.66 0.32 0.00	17.17 0.33 0.00	20.57 0.35 0.00	23.55 0.41 0.00	29.96 0.36 0.00	31.32 0.28 0.00	25.20 0.31 0.00	26.81 0.38 0.00	21.26 0.51 0.00	19.64 0.47 0.00	18.38 0.43 0.00
LI_NEWBRDGE____DRP 323616	37.26 1.22 0.00	32.69 1.27 0.00	27.42 1.01 0.00	31.43 1.00 0.00	26.36 0.78 0.00	26.12 0.82 0.00	25.40 0.81 0.00	21.18 0.81 0.00	21.22 1.06 0.00	23.33 1.05 0.00	25.15 1.18 0.00	23.25 1.06 0.00	23.38 1.06 0.00	19.29 0.85 0.00	17.21 0.87 0.00	17.81 0.97 0.00	21.46 1.24 0.00	24.63 1.49 0.00	31.58 1.98 0.00	33.21 2.17 0.00	26.55 1.66 0.00	28.04 1.61 0.00	21.95 1.20 0.00	20.24 1.07 0.00	18.79 0.85 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.54 -0.50 0.00	30.85 -0.57 0.00	26.09 -0.32 0.00	30.06 -0.38 0.00	25.20 -0.38 0.00	24.85 -0.46 0.00	24.03 -0.57 0.00	19.79 -0.57 0.00	19.75 -0.41 0.00	22.02 -0.26 0.00	23.83 -0.14 0.00	21.99 -0.20 0.00	22.15 -0.18 0.00	18.22 -0.22 0.00	16.06 -0.28 0.00	16.37 -0.47 0.00	19.77 -0.46 0.00	22.63 -0.51 0.00	28.76 -0.84 0.00	30.20 -0.84 0.00	24.23 -0.67 0.00	25.57 -0.86 0.00	20.08 -0.67 0.00	18.72 -0.45 0.00	17.88 -0.06 0.00
LOCKPORT____CCI	35.54	30.86	26.10	30.01	25.21	24.85	24.03	19.79	19.76	22.03	23.84	22.00	22.17	18.25	16.08	16.38	19.77	22.63	28.76	30.20	24.23	25.57	20.08	18.72	17.88

323769	-0.50 0.00	-0.56 0.00	-0.31 0.00	-0.42 0.00	-0.37 0.00	-0.45 0.00	-0.56 0.00	-0.57 0.00	-0.40 0.00	-0.25 0.00	-0.13 0.00	-0.18 0.00	-0.16 0.00	-0.19 0.00	-0.26 0.00	-0.46 0.00	-0.45 0.00	-0.51 0.00	-0.84 0.00	-0.84 0.00	-0.67 0.00	-0.86 0.00	-0.67 0.00	-0.44 0.00	-0.06 0.00
LOCKPORT___CC2 323770	35.54 -0.50 0.00	30.86 -0.56 0.00	26.10 -0.31 0.00	30.01 -0.42 0.00	25.21 -0.37 0.00	24.85 -0.45 0.00	24.03 -0.56 0.00	19.79 -0.57 0.00	19.76 -0.40 0.00	22.03 -0.25 0.00	23.84 -0.13 0.00	22.00 -0.18 0.00	22.17 -0.16 0.00	18.25 -0.19 0.00	16.08 -0.26 0.00	16.38 -0.46 0.00	19.77 -0.45 0.00	22.63 -0.51 0.00	28.76 -0.84 0.00	30.20 -0.84 0.00	24.23 -0.67 0.00	25.57 -0.86 0.00	20.08 -0.67 0.00	18.72 -0.44 0.00	17.88 -0.06 0.00
LOCKPORT___CC3 323771	35.54 -0.50 0.00	30.86 -0.56 0.00	26.10 -0.31 0.00	30.01 -0.42 0.00	25.21 -0.37 0.00	24.85 -0.45 0.00	24.03 -0.56 0.00	19.79 -0.57 0.00	19.76 -0.40 0.00	22.03 -0.25 0.00	23.84 -0.13 0.00	22.00 -0.18 0.00	22.17 -0.16 0.00	18.25 -0.19 0.00	16.08 -0.26 0.00	16.38 -0.46 0.00	19.77 -0.45 0.00	22.63 -0.51 0.00	28.76 -0.84 0.00	30.20 -0.84 0.00	24.23 -0.67 0.00	25.57 -0.86 0.00	20.08 -0.67 0.00	18.72 -0.44 0.00	17.88 -0.06 0.00
LONG_LAKE_PHOENIX 24014	35.54 -0.49 0.00	30.95 -0.46 0.00	26.03 -0.39 0.00	29.98 -0.45 0.00	25.18 -0.39 0.00	24.91 -0.39 0.00	24.18 -0.41 0.00	20.02 -0.35 0.00	19.91 -0.25 0.00	22.00 -0.27 0.00	23.73 -0.25 0.00	21.91 -0.28 0.00	22.02 -0.30 0.00	18.16 -0.28 0.00	16.08 -0.26 0.00	16.54 -0.31 0.00	19.92 -0.31 0.00	22.86 -0.28 0.00	29.26 -0.34 0.00	30.69 -0.35 0.00	24.59 -0.31 0.00	26.06 -0.37 0.00	20.46 -0.29 0.00	18.92 -0.25 0.00	17.77 -0.17 0.00
LOVETT___3 23632	37.00 0.96 0.00	32.36 0.94 0.00	27.14 0.73 0.00	31.16 0.72 0.00	26.15 0.57 0.00	25.92 0.61 0.00	25.19 0.60 0.00	20.98 0.61 0.00	20.98 0.82 0.00	23.13 0.85 0.00	24.95 0.98 0.00	23.02 0.83 0.00	23.12 0.79 0.00	19.13 0.69 0.00	17.03 0.68 0.00	17.57 0.73 0.00	21.20 0.98 0.00	24.32 1.18 0.00	31.15 1.55 0.00	32.79 1.75 0.00	26.26 1.37 0.00	27.81 1.38 0.00	21.73 0.98 0.00	20.02 0.85 0.00	18.57 0.63 0.00
LOVETT___4 23642	37.00 0.96 0.00	32.36 0.94 0.00	27.14 0.73 0.00	31.16 0.72 0.00	26.15 0.57 0.00	25.92 0.61 0.00	25.19 0.60 0.00	20.98 0.61 0.00	20.98 0.82 0.00	23.13 0.85 0.00	24.95 0.98 0.00	23.02 0.83 0.00	23.12 0.79 0.00	19.13 0.69 0.00	17.03 0.68 0.00	17.57 0.73 0.00	21.20 0.98 0.00	24.32 1.18 0.00	31.15 1.55 0.00	32.79 1.75 0.00	26.26 1.37 0.00	27.81 1.38 0.00	21.73 0.98 0.00	20.02 0.85 0.00	18.57 0.63 0.00
LOVETT___5 23593	37.00 0.96 0.00	32.36 0.94 0.00	27.14 0.73 0.00	31.16 0.72 0.00	26.15 0.57 0.00	25.92 0.61 0.00	25.19 0.60 0.00	20.98 0.61 0.00	20.98 0.82 0.00	23.13 0.85 0.00	24.95 0.98 0.00	23.02 0.83 0.00	23.12 0.79 0.00	19.13 0.69 0.00	17.03 0.68 0.00	17.57 0.73 0.00	21.20 0.98 0.00	24.32 1.18 0.00	31.15 1.55 0.00	32.79 1.75 0.00	26.26 1.37 0.00	27.81 1.38 0.00	21.73 0.98 0.00	20.02 0.85 0.00	18.57 0.63 0.00
LOWER RAQUET___HYD 24057	36.68 0.65 0.00	31.85 0.43 0.00	26.82 0.41 0.00	30.96 0.52 0.00	26.05 0.48 0.00	25.76 0.46 0.00	25.09 0.50 0.00	20.68 0.32 0.00	20.16 0.00 0.00	22.28 0.01 0.00	23.97 -0.01 0.00	22.37 0.19 0.00	22.61 0.28 0.00	18.64 0.20 0.00	16.49 0.15 0.00	16.98 0.14 0.00	20.36 0.13 0.00	23.23 0.09 0.00	29.49 -0.10 0.00	30.85 -0.19 0.00	24.82 -0.07 0.00	26.41 -0.02 0.00	21.00 0.25 0.00	19.43 0.26 0.00	18.19 0.24 0.00
LOWER___HUDSON 24059	36.60 0.56 0.00	31.95 0.53 0.00	26.88 0.47 0.00	31.01 0.57 0.00	25.96 0.38 0.00	25.69 0.39 0.00	25.03 0.44 0.00	20.75 0.38 0.00	20.69 0.54 0.00	22.84 0.56 0.00	24.54 0.56 0.00	22.54 0.36 0.00	22.66 0.33 0.00	18.74 0.30 0.00	16.63 0.29 0.00	17.22 0.38 0.00	20.88 0.66 0.00	23.93 0.79 0.00	30.67 1.07 0.00	32.10 1.06 0.00	25.60 0.71 0.00	27.15 0.72 0.00	21.24 0.49 0.00	19.59 0.42 0.00	18.27 0.33 0.00
LOWVILLE_115KV_TB2 356335	36.50 0.46 0.00	31.74 0.32 0.00	26.75 0.33 0.00	30.79 0.35 0.00	25.92 0.34 0.00	25.67 0.37 0.00	24.96 0.36 0.00	20.67 0.31 0.00	20.53 0.37 0.00	22.54 0.26 0.00	24.23 0.26 0.00	22.20 0.02 0.00	22.18 -0.15 0.00	18.27 -0.16 0.00	16.15 -0.19 0.00	16.61 -0.23 0.00	20.20 -0.03 0.00	23.51 0.37 0.00	30.30 0.70 0.00	31.72 0.69 0.00	25.48 0.59 0.00	26.86 0.44 0.00	21.25 0.50 0.00	19.59 0.43 0.00	18.32 0.38 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.27 1.24 0.00	32.50 1.08 0.00	27.35 0.94 0.00	31.53 1.10 0.00	26.43 0.85 0.00	26.14 0.84 0.00	25.48 0.89 0.00	21.15 0.78 0.00	21.12 0.96 0.00	23.31 1.04 0.00	25.08 1.10 0.00	23.06 0.88 0.00	23.14 0.82 0.00	19.13 0.69 0.00	16.94 0.60 0.00	17.54 0.69 0.00	21.28 1.06 0.00	24.37 1.23 0.00	31.26 1.66 0.00	32.71 1.67 0.00	26.07 1.18 0.00	27.61 1.18 0.00	21.59 0.83 0.00	19.94 0.77 0.00	18.62 0.68 0.00
LUTHERNY_35_KV_BK2 355980	37.30 1.26 0.00	32.50 1.08 0.00	27.36 0.95 0.00	31.53 1.09 0.00	26.41 0.84 0.00	26.13 0.82 0.00	25.49 0.90 0.00	21.16 0.79 0.00	21.13 0.97 0.00	23.33 1.06 0.00	25.09 1.11 0.00	23.07 0.89 0.00	23.13 0.81 0.00	19.12 0.68 0.00	16.94 0.60 0.00	17.54 0.70 0.00	21.32 1.09 0.00	24.41 1.26 0.00	31.29 1.70 0.00	32.74 1.71 0.00	26.10 1.20 0.00	27.64 1.21 0.00	21.59 0.83 0.00	19.95 0.78 0.00	18.63 0.68 0.00
LWR___OSWEGATCHIE_HYD 23850	36.32 0.28 0.00	31.56 0.14 0.00	26.57 0.16 0.00	30.64 0.20 0.00	25.79 0.21 0.00	25.52 0.22 0.00	24.83 0.24 0.00	20.52 0.16 0.00	20.19 0.03 0.00	22.23 -0.04 0.00	23.87 -0.11 0.00	22.08 -0.10 0.00	22.20 -0.12 0.00	18.30 -0.14 0.00	16.18 -0.16 0.00	16.65 -0.19 0.00	20.12 -0.11 0.00	23.21 0.06 0.00	29.69 0.09 0.00	31.07 0.03 0.00	24.97 0.07 0.00	26.44 0.02 0.00	20.98 0.22 0.00	19.37 0.21 0.00	18.13 0.18 0.00
LYONS_FALL_HYD 23570	36.57 0.54 0.00	31.83 0.41 0.00	26.80 0.39 0.00	30.85 0.41 0.00	25.96 0.38 0.00	25.71 0.40 0.00	24.99 0.39 0.00	20.71 0.34 0.00	20.56 0.40 0.00	22.65 0.37 0.00	24.37 0.39 0.00	22.38 0.20 0.00	22.39 0.06 0.00	18.45 0.01 0.00	16.30 -0.04 0.00	16.78 -0.06 0.00	20.35 0.12 0.00	23.60 0.45 0.00	30.36 0.75 0.00	31.81 0.77 0.00	25.52 0.62 0.00	26.96 0.53 0.00	21.25 0.49 0.00	19.59 0.43 0.00	18.33 0.39 0.00
MADISON___COUNTY_LFGE 323628	36.84 0.80 0.00	32.15 0.73 0.00	27.02 0.61 0.00	31.12 0.69 0.00	26.16 0.58 0.00	25.88 0.58 0.00	25.15 0.56 0.00	20.85 0.48 0.00	20.75 0.59 0.00	22.94 0.66 0.00	24.72 0.74 0.00	22.77 0.58 0.00	22.82 0.49 0.00	18.75 0.31 0.00	16.54 0.19 0.00	17.03 0.19 0.00	20.60 0.37 0.00	23.80 0.66 0.00	30.57 0.97 0.00	32.08 1.03 0.00	25.70 0.80 0.00	27.21 0.78 0.00	21.35 0.60 0.00	19.69 0.53 0.00	18.43 0.49 0.00
MALONE___115KV_TB1	37.45	32.44	27.26	31.53	26.55	26.26	25.63	21.26	20.85	23.08	24.86	23.09	23.23	19.06	16.85	17.33	20.84	23.89	30.67	32.07	25.74	27.38	21.59	19.91	18.62

356076	1.42 0.00	1.02 0.00	0.85 0.00	1.10 0.00	0.98 0.00	0.95 0.00	1.04 0.00	0.90 0.00	0.70 0.00	0.81 0.00	0.88 0.00	0.91 0.00	0.91 0.00	0.62 0.00	0.51 0.00	0.48 0.00	0.61 0.00	0.75 0.00	1.07 0.00	1.03 0.00	0.85 0.00	0.95 0.00	0.84 0.00	0.74 0.00	0.68 0.00
MAPLEWOD_115KV_TB3 80458	36.48 0.45 0.00	31.86 0.45 0.00	26.79 0.37 0.00	30.89 0.45 0.00	25.89 0.32 0.00	25.64 0.33 0.00	24.96 0.37 0.00	20.70 0.33 0.00	20.62 0.46 0.00	22.75 0.47 0.00	24.40 0.42 0.00	22.43 0.24 0.00	22.54 0.21 0.00	18.63 0.20 0.00	16.56 0.22 0.00	17.14 0.30 0.00	20.76 0.54 0.00	23.83 0.68 0.00	30.54 0.94 0.00	31.96 0.92 0.00	25.51 0.62 0.00	27.06 0.63 0.00	21.16 0.41 0.00	19.50 0.33 0.00	18.18 0.23 0.00
MAPLE_RIDGE_WT_1 323574	36.03 -0.01 0.00	31.42 0.00 0.00	26.42 0.01 0.00	30.43 -0.01 0.00	25.62 0.05 0.00	25.35 0.05 0.00	24.67 0.08 0.00	20.41 0.04 0.00	20.10 -0.06 0.00	22.21 -0.07 0.00	23.91 -0.06 0.00	22.12 -0.06 0.00	22.19 -0.13 0.00	18.37 -0.07 0.00	16.27 -0.07 0.00	16.78 -0.06 0.00	20.11 -0.12 0.00	23.00 -0.14 0.00	29.43 -0.17 0.00	30.80 -0.24 0.00	24.77 -0.13 0.00	26.34 -0.09 0.00	20.71 -0.04 0.00	19.14 -0.02 0.00	17.93 -0.02 0.00
MAPLE_RIDGE_WT_2 323611	36.03 -0.01 0.00	31.42 0.00 0.00	26.42 0.01 0.00	30.43 -0.01 0.00	25.62 0.05 0.00	25.35 0.05 0.00	24.67 0.08 0.00	20.41 0.04 0.00	20.10 -0.06 0.00	22.21 -0.07 0.00	23.91 -0.06 0.00	22.12 -0.06 0.00	22.19 -0.13 0.00	18.37 -0.07 0.00	16.27 -0.07 0.00	16.78 -0.06 0.00	20.11 -0.12 0.00	23.00 -0.14 0.00	29.43 -0.17 0.00	30.80 -0.24 0.00	24.77 -0.13 0.00	26.34 -0.09 0.00	20.71 -0.04 0.00	19.14 -0.02 0.00	17.93 -0.02 0.00
MARBLE_RIVER_WT_PWR 323696	37.26 1.22 0.00	32.25 0.83 0.00	27.11 0.70 0.00	31.38 0.94 0.00	26.42 0.85 0.00	26.11 0.81 0.00	25.51 0.92 0.00	21.18 0.82 0.00	20.82 0.66 0.00	23.01 0.73 0.00	24.77 0.79 0.00	22.96 0.78 0.00	23.10 0.77 0.00	18.91 0.47 0.00	16.72 0.38 0.00	17.19 0.35 0.00	20.70 0.47 0.00	23.76 0.61 0.00	30.56 0.96 0.00	31.95 0.91 0.00	25.62 0.72 0.00	27.26 0.83 0.00	21.44 0.69 0.00	19.78 0.61 0.00	18.52 0.58 0.00
MARSHVLE_115KV_TB1 80742	37.83 1.79 0.00	33.03 1.61 0.00	27.77 1.36 0.00	31.97 1.53 0.00	26.84 1.26 0.00	26.53 1.23 0.00	25.71 1.12 0.00	21.29 0.93 0.00	21.12 0.96 0.00	23.41 1.14 0.00	25.27 1.29 0.00	23.42 1.24 0.00	23.45 1.13 0.00	19.37 0.93 0.00	17.00 0.66 0.00	17.45 0.61 0.00	20.92 0.69 0.00	24.20 1.05 0.00	31.05 1.46 0.00	32.54 1.50 0.00	26.14 1.24 0.00	27.74 1.32 0.00	21.90 1.15 0.00	20.21 1.04 0.00	18.91 0.97 0.00
MARSH_HILL_WT_PWR 323713	37.01 0.97 0.00	32.12 0.70 0.00	27.05 0.64 0.00	31.12 0.69 0.00	26.13 0.55 0.00	25.74 0.43 0.00	24.82 0.22 0.00	20.43 0.06 0.00	20.63 0.47 0.00	22.91 0.64 0.00	24.85 0.87 0.00	22.91 0.72 0.00	23.05 0.72 0.00	18.96 0.52 0.00	16.56 0.22 0.00	16.90 0.06 0.00	20.46 0.24 0.00	23.64 0.50 0.00	30.19 0.59 0.00	31.79 0.75 0.00	25.50 0.60 0.00	26.88 0.45 0.00	21.13 0.37 0.00	19.68 0.52 0.00	18.60 0.66 0.00
MCINTYRE_115KV_TB2 80467	37.22 1.18 0.00	32.38 0.96 0.00	27.21 0.80 0.00	31.41 0.97 0.00	26.43 0.86 0.00	26.14 0.84 0.00	25.46 0.87 0.00	21.04 0.67 0.00	20.55 0.39 0.00	22.71 0.44 0.00	24.42 0.45 0.00	22.66 0.48 0.00	22.95 0.62 0.00	18.90 0.46 0.00	16.71 0.36 0.00	17.23 0.39 0.00	20.62 0.39 0.00	23.65 0.51 0.00	30.17 0.57 0.00	31.54 0.50 0.00	25.38 0.49 0.00	27.00 0.58 0.00	21.35 0.60 0.00	19.70 0.54 0.00	18.44 0.50 0.00
MECO____69_KV_BK1 80468	38.13 2.10 0.00	33.13 1.71 0.00	27.70 1.29 0.00	31.99 1.55 0.00	26.87 1.29 0.00	26.58 1.27 0.00	25.82 1.23 0.00	21.47 1.11 0.00	21.42 1.26 0.00	23.68 1.40 0.00	25.40 1.43 0.00	22.56 0.38 0.00	23.26 0.93 0.00	19.08 0.64 0.00	16.20 -0.14 0.00	16.60 -0.24 0.00	21.16 0.93 0.00	25.16 2.02 0.00	31.96 2.37 0.00	33.53 2.49 0.00	26.78 1.88 0.00	28.34 1.91 0.00	22.19 1.44 0.00	20.38 1.21 0.00	18.98 1.03 0.00
MENANDS__115KV_TB5 355628	36.30 0.27 0.00	31.71 0.29 0.00	26.67 0.25 0.00	30.74 0.31 0.00	25.78 0.20 0.00	25.51 0.21 0.00	24.84 0.25 0.00	20.60 0.23 0.00	20.52 0.36 0.00	22.62 0.34 0.00	24.24 0.27 0.00	22.27 0.09 0.00	22.40 0.07 0.00	18.52 0.09 0.00	16.48 0.13 0.00	17.05 0.21 0.00	20.65 0.42 0.00	23.67 0.53 0.00	30.33 0.73 0.00	31.75 0.71 0.00	25.34 0.45 0.00	26.88 0.45 0.00	21.02 0.27 0.00	19.38 0.22 0.00	18.06 0.12 0.00
MG INDUSTRY____DRP 24185	36.50 0.46 0.00	31.88 0.46 0.00	26.82 0.40 0.00	30.92 0.48 0.00	25.96 0.38 0.00	25.69 0.38 0.00	24.99 0.40 0.00	20.70 0.33 0.00	20.62 0.46 0.00	22.72 0.45 0.00	24.36 0.39 0.00	22.41 0.22 0.00	22.51 0.18 0.00	18.60 0.16 0.00	16.55 0.21 0.00	17.11 0.27 0.00	20.70 0.47 0.00	23.75 0.61 0.00	30.43 0.83 0.00	31.86 0.81 0.00	25.46 0.56 0.00	26.99 0.56 0.00	21.13 0.37 0.00	19.48 0.32 0.00	18.16 0.22 0.00
MID____OSWEGATCHIE_HYD 23849	36.32 0.28 0.00	31.56 0.14 0.00	26.57 0.16 0.00	30.64 0.20 0.00	25.79 0.21 0.00	25.52 0.22 0.00	24.83 0.24 0.00	20.52 0.16 0.00	20.19 0.03 0.00	22.23 -0.04 0.00	23.87 -0.11 0.00	22.08 -0.10 0.00	22.20 -0.12 0.00	18.30 -0.14 0.00	16.18 -0.16 0.00	16.65 -0.19 0.00	20.12 -0.11 0.00	23.21 0.06 0.00	29.69 0.09 0.00	31.07 0.03 0.00	24.97 0.07 0.00	26.44 0.02 0.00	20.98 0.22 0.00	19.37 0.21 0.00	18.13 0.18 0.00
MID____RAQUETTE_HYD 23851	36.68 0.64 0.00	31.85 0.43 0.00	26.82 0.41 0.00	30.95 0.52 0.00	26.05 0.48 0.00	25.77 0.46 0.00	25.09 0.50 0.00	20.68 0.32 0.00	20.16 0.00 0.00	22.28 0.01 0.00	23.97 -0.01 0.00	22.37 0.19 0.00	22.61 0.28 0.00	18.64 0.20 0.00	16.49 0.15 0.00	16.98 0.14 0.00	20.36 0.13 0.00	23.23 0.09 0.00	29.49 -0.10 0.00	30.85 -0.19 0.00	24.82 -0.07 0.00	26.41 -0.02 0.00	21.00 0.25 0.00	19.43 0.26 0.00	18.19 0.24 0.00
MILLIKEN____1 23584	36.79 0.75 0.00	31.96 0.54 0.00	26.87 0.46 0.00	31.00 0.57 0.00	26.01 0.43 0.00	25.72 0.42 0.00	24.97 0.38 0.00	20.71 0.34 0.00	20.65 0.50 0.00	22.88 0.61 0.00	24.69 0.72 0.00	22.81 0.63 0.00	22.92 0.59 0.00	18.84 0.40 0.00	16.55 0.20 0.00	17.04 0.20 0.00	20.61 0.38 0.00	23.76 0.62 0.00	30.50 0.90 0.00	32.05 1.01 0.00	25.69 0.80 0.00	27.18 0.75 0.00	21.28 0.52 0.00	19.66 0.49 0.00	18.45 0.51 0.00
MILLIKEN____2 23585	36.79 0.75 0.00	31.96 0.54 0.00	26.87 0.46 0.00	31.00 0.57 0.00	26.01 0.43 0.00	25.72 0.42 0.00	24.97 0.38 0.00	20.71 0.34 0.00	20.65 0.50 0.00	22.88 0.61 0.00	24.69 0.72 0.00	22.81 0.63 0.00	22.92 0.59 0.00	18.84 0.40 0.00	16.55 0.20 0.00	17.04 0.20 0.00	20.61 0.38 0.00	23.76 0.62 0.00	30.50 0.90 0.00	32.05 1.01 0.00	25.69 0.80 0.00	27.18 0.75 0.00	21.28 0.52 0.00	19.66 0.49 0.00	18.45 0.51 0.00
MILLIKEN____DIESEL	36.79	31.96	26.87	31.00	26.01	25.72	24.97	20.71	20.65	22.88	24.69	22.81	22.92	18.84	16.55	17.04	20.61	23.76	30.50	32.05	25.69	27.18	21.28	19.66	18.45

23629	0.75 0.00	0.54 0.00	0.46 0.00	0.57 0.00	0.43 0.00	0.42 0.00	0.38 0.00	0.34 0.00	0.50 0.00	0.61 0.00	0.72 0.00	0.63 0.00	0.59 0.00	0.40 0.00	0.20 0.00	0.20 0.00	0.38 0.00	0.62 0.00	0.90 0.00	1.01 0.00	0.80 0.00	0.75 0.00	0.52 0.00	0.49 0.00	0.51 0.00
MILLSEAT___LFGE 323607	36.08 0.04 0.00	31.32 -0.10 0.00	26.45 0.04 0.00	30.43 -0.01 0.00	25.56 -0.02 0.00	25.21 -0.09 0.00	24.41 -0.18 0.00	20.14 -0.22 0.00	20.11 -0.05 0.00	22.40 0.12 0.00	24.21 0.23 0.00	22.27 0.09 0.00	22.38 0.05 0.00	18.40 -0.03 0.00	16.24 -0.10 0.00	16.55 -0.29 0.00	20.03 -0.19 0.00	23.07 -0.08 0.00	29.43 -0.17 0.00	30.90 -0.14 0.00	24.77 -0.12 0.00	26.13 -0.30 0.00	20.49 -0.26 0.00	19.07 -0.09 0.00	18.17 0.22 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.03 0.99 0.00	32.38 0.96 0.00	27.16 0.75 0.00	31.19 0.75 0.00	26.17 0.59 0.00	25.92 0.62 0.00	25.21 0.62 0.00	21.00 0.64 0.00	21.01 0.85 0.00	23.17 0.89 0.00	24.99 1.01 0.00	23.04 0.86 0.00	23.15 0.83 0.00	19.16 0.72 0.00	17.06 0.72 0.00	17.62 0.78 0.00	21.26 1.04 0.00	24.39 1.25 0.00	31.23 1.63 0.00	32.85 1.81 0.00	26.30 1.40 0.00	27.85 1.42 0.00	21.77 1.01 0.00	20.05 0.88 0.00	18.59 0.64 0.00
MILLWOOD_13_KV_LOAD 356217	37.12 1.08 0.00	32.46 1.04 0.00	27.21 0.80 0.00	31.25 0.82 0.00	26.23 0.65 0.00	25.99 0.68 0.00	25.28 0.69 0.00	21.06 0.69 0.00	21.07 0.91 0.00	23.23 0.95 0.00	25.04 1.07 0.00	23.10 0.91 0.00	23.21 0.88 0.00	19.20 0.76 0.00	17.10 0.76 0.00	17.66 0.82 0.00	21.32 1.09 0.00	24.47 1.32 0.00	31.33 1.73 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.93 1.50 0.00	21.82 1.06 0.00	20.10 0.93 0.00	18.63 0.69 0.00
MODEL_CITY_ENERGY 24167	35.15 -0.89 0.00	30.52 -0.90 0.00	25.83 -0.59 0.00	29.70 -0.74 0.00	24.95 -0.62 0.00	24.60 -0.70 0.00	23.79 -0.80 0.00	19.59 -0.78 0.00	19.53 -0.63 0.00	21.77 -0.51 0.00	23.57 -0.40 0.00	21.76 -0.43 0.00	21.92 -0.41 0.00	18.05 -0.39 0.00	15.90 -0.44 0.00	16.21 -0.63 0.00	19.55 -0.67 0.00	22.37 -0.78 0.00	28.41 -1.19 0.00	29.81 -1.23 0.00	23.92 -0.97 0.00	25.25 -1.18 0.00	19.84 -0.92 0.00	18.51 -0.66 0.00	17.69 -0.26 0.00
MODERN_LFGE___ 323580	35.15 -0.89 0.00	30.52 -0.90 0.00	25.83 -0.59 0.00	29.70 -0.74 0.00	24.95 -0.62 0.00	24.60 -0.70 0.00	23.79 -0.80 0.00	19.59 -0.78 0.00	19.53 -0.63 0.00	21.77 -0.51 0.00	23.57 -0.40 0.00	21.76 -0.43 0.00	21.92 -0.41 0.00	18.05 -0.39 0.00	15.90 -0.44 0.00	16.21 -0.63 0.00	19.55 -0.67 0.00	22.37 -0.78 0.00	28.41 -1.19 0.00	29.81 -1.23 0.00	23.92 -0.97 0.00	25.25 -1.18 0.00	19.84 -0.92 0.00	18.51 -0.66 0.00	17.69 -0.26 0.00
MOHAWK_PAPER___DRP 24187	36.48 0.45 0.00	31.86 0.45 0.00	26.79 0.37 0.00	30.89 0.45 0.00	25.89 0.32 0.00	25.64 0.33 0.00	24.96 0.37 0.00	20.70 0.33 0.00	20.62 0.46 0.00	22.75 0.47 0.00	24.40 0.42 0.00	22.43 0.24 0.00	22.54 0.21 0.00	18.63 0.20 0.00	16.56 0.22 0.00	17.14 0.30 0.00	20.76 0.54 0.00	23.83 0.68 0.00	30.54 0.94 0.00	31.96 0.92 0.00	25.51 0.62 0.00	27.06 0.63 0.00	21.16 0.41 0.00	19.50 0.33 0.00	18.18 0.23 0.00
MOHICAN___35_KV_115KV_LD 80490	37.67 1.63 0.00	32.80 1.38 0.00	27.62 1.20 0.00	31.91 1.48 0.00	26.68 1.10 0.00	26.38 1.08 0.00	25.78 1.19 0.00	21.44 1.08 0.00	21.45 1.29 0.00	23.70 1.42 0.00	25.50 1.52 0.00	23.41 1.23 0.00	23.51 1.18 0.00	19.40 0.96 0.00	17.10 0.76 0.00	17.73 0.89 0.00	21.61 1.38 0.00	24.60 1.46 0.00	31.59 2.00 0.00	33.05 2.01 0.00	26.20 1.31 0.00	27.72 1.29 0.00	21.67 0.92 0.00	20.09 0.92 0.00	18.80 0.86 0.00
MONGAUP___HYD 23641	37.26 1.22 0.00	32.53 1.11 0.00	27.29 0.88 0.00	31.36 0.93 0.00	26.31 0.73 0.00	26.07 0.76 0.00	25.28 0.69 0.00	21.03 0.66 0.00	21.03 0.87 0.00	23.23 0.95 0.00	24.87 0.89 0.00	22.89 0.71 0.00	22.83 0.51 0.00	18.88 0.45 0.00	16.78 0.44 0.00	17.46 0.61 0.00	21.16 0.93 0.00	24.40 1.26 0.00	31.21 1.61 0.00	32.83 1.79 0.00	26.29 1.40 0.00	27.91 1.48 0.00	21.85 1.09 0.00	20.12 0.95 0.00	18.68 0.73 0.00
MONTAUK___DIESEL 23721	38.94 2.91 0.00	34.16 2.74 0.00	28.67 2.26 0.00	32.81 2.37 0.00	27.50 1.92 0.00	27.25 1.94 0.00	26.44 1.85 0.00	22.08 1.72 0.00	22.17 2.02 0.00	24.38 2.10 0.00	26.24 2.27 0.00	24.18 1.99 0.00	24.32 1.99 0.00	20.02 1.58 0.00	17.89 1.55 0.00	18.60 1.76 0.00	22.44 2.21 0.00	25.82 2.68 0.00	33.21 3.61 0.00	34.92 3.88 0.00	27.83 2.93 0.00	29.31 2.88 0.00	22.96 2.20 0.00	21.13 1.97 0.00	19.61 1.67 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.48 1.44 0.00	32.47 1.06 0.00	27.33 0.92 0.00	31.54 1.11 0.00	26.37 0.79 0.00	25.99 0.69 0.00	25.03 0.44 0.00	20.55 0.18 0.00	20.73 0.57 0.00	23.18 0.90 0.00	25.15 1.17 0.00	23.23 1.04 0.00	23.44 1.11 0.00	19.23 0.79 0.00	16.87 0.53 0.00	17.21 0.36 0.00	20.81 0.58 0.00	23.89 0.75 0.00	30.56 0.96 0.00	32.28 1.24 0.00	25.88 0.98 0.00	27.26 0.83 0.00	21.32 0.56 0.00	19.85 0.69 0.00	18.74 0.80 0.00
MORTIMER_115KV_TB3 55949	35.91 -0.12 0.00	31.21 -0.21 0.00	26.33 -0.08 0.00	30.33 -0.10 0.00	25.44 -0.13 0.00	25.12 -0.19 0.00	24.35 -0.24 0.00	20.13 -0.24 0.00	20.07 -0.08 0.00	22.31 0.04 0.00	24.11 0.13 0.00	22.22 0.04 0.00	22.36 0.03 0.00	18.41 -0.03 0.00	16.24 -0.11 0.00	16.63 -0.22 0.00	20.08 -0.15 0.00	23.05 -0.09 0.00	29.42 -0.18 0.00	30.89 -0.15 0.00	24.75 -0.15 0.00	26.16 -0.27 0.00	20.52 -0.24 0.00	19.03 -0.14 0.00	18.02 0.08 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.06 1.02 0.00	32.41 0.99 0.00	27.20 0.78 0.00	31.21 0.77 0.00	26.19 0.61 0.00	25.94 0.64 0.00	25.24 0.65 0.00	21.05 0.68 0.00	21.08 0.92 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.15 0.81 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.34 1.74 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.96 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.65 0.70 0.00
MUNSVILLE_WIND_PWR 323609	38.86 2.82 0.00	33.87 2.45 0.00	28.45 2.04 0.00	32.79 2.36 0.00	27.54 1.96 0.00	27.22 1.92 0.00	26.42 1.83 0.00	21.98 1.61 0.00	21.97 1.81 0.00	24.37 2.09 0.00	26.29 2.32 0.00	24.25 2.07 0.00	24.35 2.03 0.00	19.87 1.44 0.00	17.20 0.85 0.00	17.71 0.87 0.00	21.57 1.34 0.00	25.09 1.95 0.00	32.51 2.91 0.00	34.04 3.00 0.00	27.36 2.46 0.00	28.95 2.52 0.00	22.67 1.92 0.00	20.92 1.75 0.00	19.61 1.66 0.00
N SALMON___HYD 24042	37.45 1.41 0.00	32.44 1.02 0.00	27.26 0.85 0.00	31.53 1.10 0.00	26.55 0.98 0.00	26.26 0.95 0.00	25.63 1.04 0.00	21.26 0.90 0.00	20.85 0.70 0.00	23.08 0.81 0.00	24.86 0.88 0.00	23.09 0.91 0.00	23.23 0.91 0.00	19.06 0.62 0.00	16.85 0.51 0.00	17.33 0.48 0.00	20.84 0.61 0.00	23.89 0.75 0.00	30.67 1.07 0.00	32.07 1.03 0.00	25.74 0.85 0.00	27.38 0.95 0.00	21.59 0.84 0.00	19.91 0.74 0.00	18.62 0.68 0.00
N.AKRON___115KV_KNAPP	35.96	31.21	26.38	30.39	25.48	25.13	24.32	20.05	20.02	22.31	24.12	22.22	22.35	18.38	16.25	16.52	19.99	22.96	29.25	30.71	24.63	25.98	20.38	18.99	18.10

355671	-0.08 0.00	-0.21 0.00	-0.04 0.00	-0.05 0.00	-0.10 0.00	-0.18 0.00	-0.27 0.00	-0.31 0.00	-0.14 0.00	0.04 0.00	0.14 0.00	0.04 0.00	0.02 0.00	-0.06 0.00	-0.09 0.00	-0.33 0.00	-0.23 0.00	-0.18 0.00	-0.35 0.00	-0.32 0.00	-0.27 0.00	-0.45 0.00	-0.37 0.00	-0.18 0.00	0.15 0.00
N.BELMOR_69_KV_BK1 55787	37.42 1.38 0.00	32.92 1.50 0.00	27.61 1.19 0.00	31.64 1.20 0.00	26.52 0.95 0.00	26.29 0.99 0.00	25.56 0.97 0.00	21.32 0.95 0.00	21.36 1.20 0.00	23.49 1.22 0.00	25.32 1.35 0.00	23.43 1.24 0.00	23.57 1.24 0.00	19.42 0.98 0.00	17.33 0.99 0.00	17.96 1.11 0.00	21.63 1.41 0.00	24.82 1.68 0.00	31.84 2.24 0.00	33.49 2.45 0.00	26.77 1.87 0.00	28.26 1.83 0.00	22.11 1.36 0.00	20.39 1.23 0.00	18.93 0.99 0.00
N.E._GEN_SANDY PD 24062	46.34 0.57 -9.72	31.99 0.57 0.00	26.84 0.43 0.00	31.85 0.50 -0.92	25.89 0.32 0.00	25.49 0.32 0.14	25.02 0.38 -0.06	20.48 0.36 0.25	20.95 0.56 -0.22	22.85 0.57 0.00	24.64 0.60 -0.07	22.59 0.40 0.00	22.72 0.39 0.00	18.79 0.35 0.00	16.71 0.37 0.00	16.65 0.46 0.65	21.60 0.72 -0.65	24.05 0.90 0.00	30.82 1.22 0.00	33.12 1.26 -0.82	25.77 0.88 0.00	27.33 0.90 0.00	21.37 0.62 0.00	19.70 0.53 0.00	17.92 0.36 0.38
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.07 1.03 0.00	32.42 1.00 0.00	27.19 0.78 0.00	31.21 0.78 0.00	26.20 0.62 0.00	25.96 0.66 0.00	25.23 0.64 0.00	21.02 0.65 0.00	21.01 0.85 0.00	23.16 0.89 0.00	25.00 1.02 0.00	23.05 0.87 0.00	23.16 0.83 0.00	19.16 0.72 0.00	17.06 0.72 0.00	17.61 0.76 0.00	21.24 1.02 0.00	24.37 1.22 0.00	31.21 1.61 0.00	32.86 1.82 0.00	26.32 1.43 0.00	27.87 1.44 0.00	21.77 1.02 0.00	20.05 0.89 0.00	18.60 0.66 0.00
N.QUEENS_27_KV_LOAD 356247	36.97 0.93 0.00	32.34 0.92 0.00	27.17 0.76 0.00	31.14 0.70 0.00	26.13 0.55 0.00	25.91 0.60 0.00	25.21 0.62 0.00	21.06 0.70 0.00	21.13 0.96 0.00	23.29 1.02 0.00	25.09 1.12 0.00	23.17 0.98 0.00	23.30 0.97 0.00	19.34 0.90 0.00	17.23 0.89 0.00	17.79 0.95 0.00	21.45 1.23 0.00	24.55 1.40 0.00	31.32 1.73 0.00	32.96 1.92 0.00	26.40 1.51 0.00	27.96 1.54 0.00	21.90 1.14 0.00	20.19 1.03 0.00	18.71 0.77 0.00
N.TROY____115KV_TB1 355778	36.60 0.56 0.00	31.95 0.53 0.00	26.88 0.47 0.00	30.99 0.56 0.00	25.96 0.38 0.00	25.69 0.39 0.00	25.03 0.44 0.00	20.75 0.38 0.00	20.69 0.54 0.00	22.84 0.56 0.00	24.54 0.56 0.00	22.54 0.36 0.00	22.66 0.33 0.00	18.74 0.30 0.00	16.63 0.29 0.00	17.22 0.38 0.00	20.88 0.66 0.00	23.93 0.79 0.00	30.67 1.07 0.00	32.11 1.06 0.00	25.60 0.71 0.00	27.15 0.72 0.00	21.24 0.49 0.00	19.59 0.42 0.00	18.28 0.34 0.00
NARROWS_GT1_1 24228	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT1_2 24229	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT1_3 24230	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT1_4 24231	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT1_5 24232	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT1_6 24233	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT1_7 24234	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT1_8 24235	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT2_1 24236	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT2_2	37.21	32.53	27.35	31.37	26.32	26.08	25.37	21.17	21.20	23.38	25.23	23.30	23.41	19.39	17.27	17.83	21.48	24.65	31.47	33.14	26.56	28.13	22.00	20.26	18.76

24237	1.17 0.00	1.11 0.00	0.94 0.00	0.94 0.00	0.74 0.00	0.78 0.00	0.78 0.00	0.80 0.00	1.04 0.00	1.10 0.00	1.25 0.00	1.11 0.00	1.08 0.00	0.95 0.00	0.92 0.00	0.98 0.00	1.25 0.00	1.51 0.00	1.88 0.00	2.10 0.00	1.66 -0.01	1.70 -0.01	1.24 -0.01	1.09 0.00	0.82 0.00
NARROWS_GT2_3 24238	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT2_4 24239	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT2_5 24240	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT2_6 24241	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT2_7 24242	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NARROWS_GT2_8 24243	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NCATSKLL_69_KV_NC- LINE_REV_LBMP_G 345022	37.06 1.02 0.00	32.32 0.90 0.00	27.18 0.77 0.00	31.35 0.92 0.00	26.31 0.73 0.00	26.04 0.74 0.00	25.36 0.77 0.00	21.04 0.67 0.00	20.99 0.83 0.00	23.08 0.80 0.00	24.63 0.65 0.00	22.67 0.48 0.00	22.70 0.37 0.00	18.71 0.27 0.00	16.77 0.43 0.00	17.32 0.48 0.00	20.95 0.72 0.00	24.17 1.03 0.00	31.12 1.52 0.00	32.55 1.51 0.00	25.96 1.06 0.00	27.48 1.05 0.00	21.46 0.70 0.00	19.74 0.58 0.00	18.40 0.46 0.00
NCHELSEA_115KV_TR2 355582	37.29 1.26 0.00	32.58 1.16 0.00	27.32 0.91 0.00	31.39 0.96 0.00	26.34 0.76 0.00	26.08 0.78 0.00	25.38 0.79 0.00	21.13 0.76 0.00	21.14 0.98 0.00	23.32 1.04 0.00	25.14 1.16 0.00	23.14 0.96 0.00	23.25 0.92 0.00	19.23 0.79 0.00	17.13 0.79 0.00	17.72 0.88 0.00	21.40 1.18 0.00	24.58 1.44 0.00	31.51 1.91 0.00	33.12 2.08 0.00	26.49 1.60 0.00	28.04 1.61 0.00	21.90 1.14 0.00	20.16 1.00 0.00	18.70 0.76 0.00
NEG CAPITAL___MECHNVIL 23645	37.20 1.17 0.00	32.44 1.02 0.00	27.30 0.89 0.00	31.47 1.04 0.00	26.38 0.79 0.00	26.09 0.79 0.00	25.43 0.84 0.00	21.10 0.73 0.00	21.07 0.91 0.00	23.27 1.04 0.00	25.02 1.04 0.00	23.02 0.83 0.00	23.10 0.78 0.00	19.08 0.64 0.00	16.92 0.58 0.00	17.51 0.67 0.00	21.26 1.03 0.00	24.36 1.22 0.00	31.25 1.66 0.00	32.71 1.67 0.00	26.07 1.17 0.00	27.61 1.18 0.00	21.58 0.82 0.00	19.91 0.75 0.00	18.59 0.65 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.13 -0.91 0.00	30.56 -0.86 0.00	25.75 -0.67 0.00	29.65 -0.79 0.00	24.91 -0.67 0.00	24.61 -0.69 0.00	23.88 -0.71 0.00	19.76 -0.61 0.00	19.69 -0.47 0.00	21.86 -0.41 0.00	23.61 -0.37 0.00	21.76 -0.43 0.00	21.86 -0.46 0.00	18.02 -0.42 0.00	15.89 -0.45 0.00	16.30 -0.54 0.00	19.70 -0.53 0.00	22.65 -0.49 0.00	28.95 -0.65 0.00	30.36 -0.68 0.00	24.32 -0.57 0.00	25.72 -0.71 0.00	20.17 -0.58 0.00	18.67 -0.50 0.00	17.63 -0.31 0.00
NEG CENTRAL___DRP 24199	36.13 0.09 0.00	31.40 -0.02 0.00	26.45 0.04 0.00	30.46 0.03 0.00	25.61 0.03 0.00	25.31 0.01 0.00	24.55 -0.04 0.00	20.34 -0.03 0.00	20.32 0.17 0.00	22.51 0.23 0.00	24.30 0.33 0.00	22.44 0.25 0.00	22.53 0.21 0.00	18.54 0.10 0.00	16.32 -0.02 0.00	16.76 -0.09 0.00	20.25 0.03 0.00	23.35 0.20 0.00	29.88 0.28 0.00	31.42 0.38 0.00	25.18 0.29 0.00	26.68 0.25 0.00	20.88 0.13 0.00	19.32 0.15 0.00	18.17 0.23 0.00
NEG CENTRAL___INDECK 23768	37.26 1.22 0.00	32.34 0.92 0.00	27.24 0.82 0.00	31.35 0.91 0.00	26.32 0.74 0.00	25.98 0.67 0.00	25.16 0.56 0.00	20.81 0.44 0.00	20.90 0.74 0.00	23.21 0.94 0.00	25.13 1.15 0.00	23.02 0.83 0.00	23.03 0.71 0.00	18.90 0.46 0.00	16.58 0.24 0.00	16.92 0.08 0.00	20.51 0.28 0.00	23.77 0.63 0.00	30.70 1.11 0.00	32.34 1.30 0.00	25.95 1.05 0.00	27.37 0.94 0.00	21.43 0.67 0.00	19.87 0.70 0.00	18.77 0.82 0.00
NEG CENTRAL___SENECA 23627	36.30 0.26 0.00	31.54 0.12 0.00	26.60 0.19 0.00	30.58 0.14 0.00	25.76 0.18 0.00	25.43 0.13 0.00	24.64 0.05 0.00	20.41 0.04 0.00	20.47 0.31 0.00	22.67 0.40 0.00	24.51 0.54 0.00	22.61 0.43 0.00	22.70 0.38 0.00	18.65 0.21 0.00	16.41 0.07 0.00	16.83 -0.01 0.00	20.36 0.13 0.00	23.49 0.34 0.00	30.04 0.44 0.00	31.64 0.60 0.00	25.35 0.46 0.00	26.88 0.45 0.00	21.02 0.26 0.00	19.46 0.29 0.00	18.30 0.35 0.00
NEG CENTRAL___STATE_STREET 24147	36.38 0.34 0.00	31.53 0.11 0.00	26.55 0.14 0.00	30.67 0.24 0.00	25.68 0.11 0.00	25.43 0.12 0.00	24.72 0.13 0.00	20.50 0.13 0.00	20.34 0.19 0.00	22.58 0.30 0.00	24.29 0.31 0.00	22.48 0.29 0.00	22.58 0.25 0.00	18.63 0.19 0.00	16.36 0.02 0.00	16.82 -0.02 0.00	20.35 0.13 0.00	23.46 0.31 0.00	30.05 0.45 0.00	31.49 0.45 0.00	25.26 0.37 0.00	26.76 0.33 0.00	20.91 0.16 0.00	19.33 0.16 0.00	18.22 0.28 0.00

NEG MILLWOOD___DRP 24198	37.39 1.35 0.00	32.66 1.25 0.00	27.40 0.99 0.00	31.47 1.04 0.00	26.42 0.84 0.00	26.16 0.85 0.00	25.45 0.86 0.00	21.21 0.84 0.00	21.23 1.07 0.00	23.42 1.14 0.00	25.25 1.28 0.00	23.25 1.07 0.00	23.35 1.02 0.00	19.31 0.87 0.00	17.20 0.85 0.00	17.78 0.94 0.00	21.48 1.26 0.00	24.68 1.54 0.00	31.64 2.04 0.00	33.27 2.23 0.00	26.61 1.71 0.00	28.14 1.71 0.00	21.98 1.22 0.00	20.23 1.06 0.00	18.75 0.81 0.00
NEG NORTH_FLCN_SEA 23793	37.69 1.66 0.00	32.63 1.21 0.00	27.41 1.00 0.00	31.75 1.31 0.00	26.72 1.14 0.00	26.41 1.11 0.00	25.81 1.22 0.00	21.46 1.09 0.00	21.11 0.95 0.00	23.31 1.04 0.00	25.10 1.12 0.00	23.24 1.05 0.00	23.38 1.06 0.00	19.13 0.70 0.00	16.92 0.58 0.00	17.40 0.56 0.00	20.99 0.76 0.00	24.12 0.97 0.00	31.06 1.46 0.00	32.44 1.40 0.00	25.96 1.07 0.00	27.61 1.18 0.00	21.71 0.95 0.00	20.01 0.85 0.00	18.74 0.80 0.00
NEG NORTH_KES_CHATEGAY 23792	37.31 1.27 0.00	32.31 0.90 0.00	27.16 0.75 0.00	31.43 0.99 0.00	26.47 0.89 0.00	26.16 0.86 0.00	25.54 0.95 0.00	21.21 0.84 0.00	20.83 0.67 0.00	23.04 0.76 0.00	24.79 0.82 0.00	22.99 0.81 0.00	23.14 0.81 0.00	18.94 0.50 0.00	16.74 0.40 0.00	17.21 0.37 0.00	20.74 0.51 0.00	23.79 0.64 0.00	30.58 0.98 0.00	31.97 0.93 0.00	25.66 0.77 0.00	27.31 0.88 0.00	21.47 0.71 0.00	19.81 0.64 0.00	18.55 0.61 0.00
NEG NORTH___ALICE_FALLS 23915	37.66 1.62 0.00	32.58 1.16 0.00	27.37 0.95 0.00	31.69 1.25 0.00	26.68 1.10 0.00	26.36 1.06 0.00	25.77 1.18 0.00	21.42 1.05 0.00	21.08 0.93 0.00	23.30 1.02 0.00	25.10 1.13 0.00	23.24 1.05 0.00	23.38 1.05 0.00	19.12 0.68 0.00	16.91 0.57 0.00	17.37 0.53 0.00	20.96 0.73 0.00	24.11 0.97 0.00	31.08 1.48 0.00	32.48 1.44 0.00	26.00 1.10 0.00	27.63 1.20 0.00	21.71 0.96 0.00	20.01 0.84 0.00	18.73 0.79 0.00
NEG NORTH___LWR_SARANAC 23913	37.66 1.62 0.00	32.58 1.16 0.00	27.37 0.95 0.00	31.69 1.25 0.00	26.68 1.10 0.00	26.36 1.06 0.00	25.77 1.18 0.00	21.42 1.05 0.00	21.08 0.93 0.00	23.30 1.02 0.00	25.10 1.13 0.00	23.24 1.05 0.00	23.38 1.05 0.00	19.12 0.68 0.00	16.91 0.57 0.00	17.37 0.53 0.00	20.96 0.73 0.00	24.11 0.97 0.00	31.08 1.48 0.00	32.48 1.44 0.00	26.00 1.10 0.00	27.63 1.20 0.00	21.71 0.96 0.00	20.01 0.84 0.00	18.73 0.79 0.00
NEG NORTH___PLATTSBURG 23628	37.66 1.62 0.00	32.58 1.16 0.00	27.37 0.95 0.00	31.68 1.25 0.00	26.68 1.10 0.00	26.36 1.06 0.00	25.77 1.18 0.00	21.42 1.05 0.00	21.08 0.93 0.00	23.30 1.03 0.00	25.10 1.13 0.00	23.24 1.05 0.00	23.38 1.05 0.00	19.12 0.68 0.00	16.91 0.57 0.00	17.37 0.53 0.00	20.96 0.73 0.00	24.11 0.97 0.00	31.08 1.48 0.00	32.48 1.44 0.00	26.00 1.10 0.00	27.63 1.20 0.00	21.71 0.96 0.00	20.01 0.84 0.00	18.73 0.79 0.00
NEG WEST_LEA_LOCKPORT 23791	35.55 -0.49 0.00	30.86 -0.56 0.00	26.10 -0.31 0.00	30.08 -0.36 0.00	25.21 -0.37 0.00	24.86 -0.45 0.00	24.03 -0.56 0.00	19.79 -0.57 0.00	19.76 -0.40 0.00	22.03 -0.25 0.00	23.84 -0.13 0.00	22.00 -0.18 0.00	22.16 -0.16 0.00	18.24 -0.20 0.00	16.08 -0.26 0.00	16.38 -0.46 0.00	19.78 -0.45 0.00	22.63 -0.51 0.00	28.76 -0.84 0.00	30.20 -0.84 0.00	24.23 -0.67 0.00	25.57 -0.86 0.00	20.08 -0.67 0.00	18.72 -0.44 0.00	17.88 -0.06 0.00
NEG WEST___LANCASTR 23811	36.77 0.73 0.00	31.90 0.48 0.00	26.90 0.49 0.00	31.02 0.59 0.00	25.97 0.39 0.00	25.61 0.31 0.00	24.73 0.14 0.00	20.42 0.06 0.00	20.49 0.33 0.00	22.81 0.53 0.00	24.73 0.76 0.00	22.79 0.61 0.00	22.96 0.64 0.00	18.88 0.44 0.00	16.61 0.27 0.00	16.96 0.12 0.00	20.48 0.26 0.00	23.42 0.28 0.00	29.84 0.24 0.00	31.43 0.39 0.00	25.20 0.30 0.00	26.59 0.16 0.00	20.83 0.08 0.00	19.40 0.24 0.00	18.42 0.48 0.00
NEG_PENN_ALLEGHNY 23528	36.54 0.50 0.00	31.77 0.35 0.00	26.69 0.27 0.00	30.77 0.34 0.00	25.80 0.22 0.00	25.49 0.18 0.00	24.69 0.10 0.00	20.47 0.10 0.00	20.52 0.36 0.00	22.69 0.41 0.00	24.52 0.55 0.00	22.62 0.44 0.00	22.77 0.44 0.00	18.75 0.31 0.00	16.55 0.21 0.00	17.02 0.18 0.00	20.54 0.31 0.00	23.57 0.42 0.00	30.18 0.58 0.00	31.78 0.75 0.00	25.48 0.58 0.00	26.92 0.49 0.00	21.08 0.33 0.00	19.52 0.36 0.00	18.28 0.33 0.00
NEG___GEN_MONROE 24207	36.17 0.13 0.00	31.52 0.10 0.00	26.61 0.19 0.00	30.67 0.23 0.00	25.76 0.18 0.00	25.40 0.10 0.00	24.61 0.02 0.00	20.34 -0.03 0.00	20.27 0.12 0.00	22.49 0.21 0.00	24.29 0.32 0.00	22.35 0.16 0.00	22.46 0.13 0.00	18.51 0.07 0.00	16.30 -0.04 0.00	16.68 -0.17 0.00	20.16 -0.06 0.00	23.19 0.04 0.00	29.63 0.03 0.00	31.11 0.07 0.00	24.93 0.03 0.00	26.33 -0.10 0.00	20.64 -0.11 0.00	19.15 -0.01 0.00	18.17 0.22 0.00
NEPA___ENERGY 23901	36.87 0.83 0.00	31.90 0.48 0.00	26.81 0.39 0.00	30.99 0.55 0.00	25.84 0.26 0.00	25.47 0.16 0.00	24.54 -0.05 0.00	20.28 -0.08 0.00	20.52 0.36 0.00	22.79 0.51 0.00	24.72 0.74 0.00	22.76 0.58 0.00	22.99 0.66 0.00	18.87 0.43 0.00	16.55 0.21 0.00	16.92 0.07 0.00	20.42 0.20 0.00	23.36 0.22 0.00	29.85 0.25 0.00	31.63 0.59 0.00	25.38 0.48 0.00	26.70 0.27 0.00	20.85 0.10 0.00	19.48 0.31 0.00	18.38 0.43 0.00
NEVERSINK___HYD 23608	37.24 1.20 0.00	32.52 1.10 0.00	27.26 0.85 0.00	31.33 0.89 0.00	26.29 0.71 0.00	26.04 0.74 0.00	25.32 0.73 0.00	21.07 0.71 0.00	21.10 0.94 0.00	23.30 1.02 0.00	25.05 1.08 0.00	23.01 0.83 0.00	23.12 0.79 0.00	19.09 0.65 0.00	17.05 0.70 0.00	17.64 0.80 0.00	21.33 1.11 0.00	24.52 1.37 0.00	31.46 1.86 0.00	33.11 2.06 0.00	26.51 1.62 0.00	28.04 1.61 0.00	21.90 1.15 0.00	20.16 1.00 0.00	18.70 0.76 0.00
NEWKRMKL_115KV_TB1 55635	36.25 0.21 0.00	31.66 0.24 0.00	26.62 0.21 0.00	30.68 0.25 0.00	25.74 0.16 0.00	25.47 0.17 0.00	24.80 0.20 0.00	20.56 0.19 0.00	20.49 0.33 0.00	22.58 0.31 0.00	24.17 0.19 0.00	22.20 0.02 0.00	22.32 0.00 0.00	18.46 0.02 0.00	16.42 0.08 0.00	16.99 0.15 0.00	20.57 0.35 0.00	23.59 0.45 0.00	30.22 0.63 0.00	31.64 0.60 0.00	25.27 0.37 0.00	26.79 0.37 0.00	20.95 0.20 0.00	19.30 0.14 0.00	17.99 0.05 0.00
NEWTON___FALLS_HYD 23847	36.32 0.28 0.00	31.56 0.14 0.00	26.57 0.16 0.00	30.64 0.20 0.00	25.79 0.21 0.00	25.52 0.22 0.00	24.83 0.24 0.00	20.52 0.16 0.00	20.19 0.03 0.00	22.23 -0.04 0.00	23.87 -0.11 0.00	22.08 -0.10 0.00	22.20 -0.12 0.00	18.30 -0.14 0.00	16.18 -0.16 0.00	16.65 -0.19 0.00	20.12 -0.11 0.00	23.21 0.06 0.00	29.69 0.09 0.00	31.07 0.03 0.00	24.97 0.07 0.00	26.44 0.02 0.00	20.98 0.22 0.00	19.37 0.21 0.00	18.13 0.18 0.00
NGRID_A1_DSASP 323792	35.01 -1.02 0.00	30.42 -1.00 0.00	25.74 -0.67 0.00	29.60 -0.83 0.00	24.87 -0.71 0.00	24.51 -0.79 0.00	23.70 -0.89 0.00	19.52 -0.84 0.00	19.45 -0.70 0.00	21.69 -0.58 0.00	23.49 -0.48 0.00	21.70 -0.48 0.00	21.88 -0.45 0.00	18.02 -0.42 0.00	15.87 -0.47 0.00	16.18 -0.66 0.00	19.51 -0.72 0.00	22.27 -0.87 0.00	28.26 -1.34 0.00	29.64 -1.41 0.00	23.79 -1.11 0.00	25.11 -1.31 0.00	19.75 -1.01 0.00	18.41 -0.75 0.00	17.60 -0.34 0.00

NGRID_A2_DSASP 323793	35.01 -1.02 0.00	30.42 -1.00 0.00	25.74 -0.67 0.00	29.60 -0.83 0.00	24.87 -0.71 0.00	24.51 -0.79 0.00	23.70 -0.89 0.00	19.52 -0.84 0.00	19.45 -0.70 0.00	21.69 -0.58 0.00	23.49 -0.48 0.00	21.70 -0.48 0.00	21.88 -0.45 0.00	18.02 -0.42 0.00	15.87 -0.47 0.00	16.18 -0.66 0.00	19.51 -0.72 0.00	22.27 -0.87 0.00	28.26 -1.34 0.00	29.64 -1.41 0.00	23.79 -1.11 0.00	25.11 -1.31 0.00	19.75 -1.01 0.00	18.41 -0.75 0.00	17.60 -0.34 0.00
NGRID_A4_DSASP 323807	35.01 -1.02 0.00	30.42 -1.00 0.00	25.74 -0.67 0.00	29.60 -0.83 0.00	24.87 -0.71 0.00	24.51 -0.79 0.00	23.70 -0.89 0.00	19.52 -0.84 0.00	19.45 -0.70 0.00	21.69 -0.58 0.00	23.49 -0.48 0.00	21.70 -0.48 0.00	21.88 -0.45 0.00	18.02 -0.42 0.00	15.87 -0.47 0.00	16.18 -0.66 0.00	19.51 -0.72 0.00	22.27 -0.87 0.00	28.26 -1.34 0.00	29.64 -1.41 0.00	23.79 -1.11 0.00	25.11 -1.31 0.00	19.75 -1.01 0.00	18.41 -0.75 0.00	17.60 -0.34 0.00
NIAGARA_115E_LBMP 323715	34.94 -1.09 0.00	30.35 -1.07 0.00	25.68 -0.73 0.00	29.54 -0.89 0.00	24.82 -0.75 0.00	24.48 -0.83 0.00	23.66 -0.93 0.00	19.48 -0.89 0.00	19.40 -0.75 0.00	21.63 -0.64 0.00	23.43 -0.55 0.00	21.63 -0.55 0.00	21.80 -0.53 0.00	17.96 -0.48 0.00	15.82 -0.52 0.00	16.13 -0.71 0.00	19.44 -0.78 0.00	22.23 -0.92 0.00	28.20 -1.40 0.00	29.60 -1.44 0.00	23.75 -1.14 0.00	25.08 -1.35 0.00	19.72 -1.04 0.00	18.39 -0.77 0.00	17.59 -0.36 0.00
NIAGARA_115W_LBMP 323714	34.94 -1.10 0.00	30.36 -1.06 0.00	25.69 -0.72 0.00	29.54 -0.89 0.00	24.81 -0.76 0.00	24.46 -0.85 0.00	23.65 -0.94 0.00	19.48 -0.89 0.00	19.41 -0.75 0.00	21.65 -0.63 0.00	23.44 -0.54 0.00	21.65 -0.53 0.00	21.83 -0.50 0.00	17.98 -0.46 0.00	15.84 -0.51 0.00	16.14 -0.70 0.00	19.46 -0.76 0.00	22.22 -0.92 0.00	28.19 -1.41 0.00	29.57 -1.47 0.00	23.73 -1.16 0.00	25.06 -1.37 0.00	19.70 -1.05 0.00	18.37 -0.79 0.00	17.57 -0.38 0.00
NIAGARA_230_LBMP 323716	35.21 -0.82 0.00	30.60 -0.82 0.00	25.88 -0.54 0.00	29.76 -0.68 0.00	25.00 -0.58 0.00	24.64 -0.66 0.00	23.82 -0.77 0.00	19.64 -0.73 0.00	19.59 -0.57 0.00	21.83 -0.45 0.00	23.64 -0.34 0.00	21.83 -0.36 0.00	22.00 -0.33 0.00	18.11 -0.32 0.00	15.95 -0.39 0.00	16.26 -0.58 0.00	19.61 -0.61 0.00	22.40 -0.74 0.00	28.43 -1.17 0.00	29.85 -1.19 0.00	23.95 -0.95 0.00	25.30 -1.13 0.00	19.88 -0.88 0.00	18.53 -0.64 0.00	17.70 -0.24 0.00
NIAGARA__115KV_198_GIBSON 55903	34.95 -1.09 0.00	30.36 -1.06 0.00	25.70 -0.71 0.00	29.61 -0.83 0.00	24.81 -0.76 0.00	24.46 -0.84 0.00	23.65 -0.94 0.00	19.48 -0.89 0.00	19.41 -0.75 0.00	21.65 -0.63 0.00	23.44 -0.54 0.00	21.66 -0.53 0.00	21.83 -0.50 0.00	17.97 -0.46 0.00	15.83 -0.51 0.00	16.14 -0.70 0.00	19.46 -0.76 0.00	22.22 -0.92 0.00	28.19 -1.41 0.00	29.57 -1.47 0.00	23.73 -1.16 0.00	25.06 -1.37 0.00	19.71 -1.05 0.00	18.37 -0.79 0.00	17.56 -0.38 0.00
NIAGARA____ 23760	35.21 -0.82 0.00	30.60 -0.82 0.00	25.88 -0.54 0.00	29.76 -0.68 0.00	25.00 -0.58 0.00	24.64 -0.66 0.00	23.82 -0.77 0.00	19.64 -0.73 0.00	19.59 -0.57 0.00	21.83 -0.45 0.00	23.64 -0.34 0.00	21.83 -0.36 0.00	22.00 -0.33 0.00	18.11 -0.32 0.00	15.95 -0.39 0.00	16.26 -0.58 0.00	19.61 -0.61 0.00	22.40 -0.74 0.00	28.43 -1.17 0.00	29.85 -1.19 0.00	23.95 -0.95 0.00	25.30 -1.13 0.00	19.88 -0.88 0.00	18.53 -0.64 0.00	17.70 -0.24 0.00
NINE_MILE_1 23575	35.15 -0.89 0.00	30.61 -0.81 0.00	25.74 -0.67 0.00	29.66 -0.77 0.00	24.92 -0.66 0.00	24.64 -0.66 0.00	23.93 -0.66 0.00	19.81 -0.56 0.00	19.66 -0.49 0.00	21.74 -0.54 0.00	23.42 -0.55 0.00	21.64 -0.55 0.00	21.76 -0.57 0.00	17.96 -0.48 0.00	15.89 -0.45 0.00	16.35 -0.49 0.00	19.67 -0.56 0.00	22.54 -0.60 0.00	28.82 -0.78 0.00	30.23 -0.81 0.00	24.24 -0.66 0.00	25.69 -0.74 0.00	20.19 -0.56 0.00	18.66 -0.50 0.00	17.56 -0.39 0.00
NINE_MILE_2 23744	35.15 -0.89 0.00	30.61 -0.81 0.00	25.75 -0.66 0.00	29.66 -0.77 0.00	24.92 -0.66 0.00	24.64 -0.66 0.00	23.94 -0.65 0.00	19.81 -0.56 0.00	19.67 -0.49 0.00	21.74 -0.54 0.00	23.42 -0.55 0.00	21.64 -0.55 0.00	21.76 -0.57 0.00	17.96 -0.48 0.00	15.89 -0.45 0.00	16.35 -0.49 0.00	19.67 -0.56 0.00	22.54 -0.60 0.00	28.82 -0.78 0.00	30.23 -0.81 0.00	24.24 -0.66 0.00	25.69 -0.74 0.00	20.20 -0.56 0.00	18.67 -0.50 0.00	17.56 -0.39 0.00
NM_CAPITAL____DRP 24208	36.25 0.21 0.00	31.66 0.24 0.00	26.62 0.20 0.00	30.69 0.26 0.00	25.74 0.16 0.00	25.48 0.17 0.00	24.81 0.21 0.00	20.56 0.19 0.00	20.49 0.33 0.00	22.58 0.31 0.00	24.19 0.21 0.00	22.22 0.03 0.00	22.35 0.02 0.00	18.49 0.05 0.00	16.44 0.10 0.00	17.01 0.17 0.00	20.60 0.37 0.00	23.62 0.48 0.00	30.25 0.66 0.00	31.67 0.63 0.00	25.28 0.39 0.00	26.83 0.39 0.00	20.98 0.22 0.00	19.33 0.17 0.00	18.02 0.08 0.00
NM_CENTRAL____DRP 24181	35.77 -0.27 0.00	31.14 -0.28 0.00	26.19 -0.22 0.00	30.19 -0.24 0.00	25.34 -0.23 0.00	25.08 -0.23 0.00	24.34 -0.26 0.00	20.15 -0.22 0.00	20.06 -0.10 0.00	22.18 -0.10 0.00	23.91 -0.06 0.00	22.08 -0.10 0.00	22.19 -0.13 0.00	18.29 -0.15 0.00	16.18 -0.16 0.00	16.64 -0.20 0.00	20.06 -0.17 0.00	23.00 -0.15 0.00	29.39 -0.21 0.00	30.85 -0.19 0.00	24.72 -0.17 0.00	26.20 -0.23 0.00	20.63 -0.13 0.00	19.05 -0.11 0.00	17.89 -0.05 0.00
NM_FRONTIER____DRP 24179	34.95 -1.09 0.00	30.36 -1.06 0.00	25.70 -0.71 0.00	29.61 -0.83 0.00	24.81 -0.76 0.00	24.46 -0.84 0.00	23.65 -0.94 0.00	19.48 -0.89 0.00	19.41 -0.75 0.00	21.65 -0.63 0.00	23.44 -0.54 0.00	21.66 -0.53 0.00	21.83 -0.50 0.00	17.97 -0.46 0.00	15.83 -0.51 0.00	16.14 -0.70 0.00	19.46 -0.76 0.00	22.22 -0.92 0.00	28.19 -1.41 0.00	29.57 -1.47 0.00	23.73 -1.16 0.00	25.06 -1.37 0.00	19.71 -1.05 0.00	18.37 -0.79 0.00	17.56 -0.38 0.00
NM_ST_REGIS____HYD 24053	36.89 0.86 0.00	32.02 0.60 0.00	26.94 0.53 0.00	31.11 0.68 0.00	26.19 0.61 0.00	25.90 0.60 0.00	25.24 0.65 0.00	20.85 0.48 0.00	20.35 0.19 0.00	22.49 0.22 0.00	24.21 0.23 0.00	22.56 0.38 0.00	22.78 0.45 0.00	18.75 0.31 0.00	16.59 0.25 0.00	17.08 0.24 0.00	20.49 0.26 0.00	23.41 0.27 0.00	29.81 0.21 0.00	31.17 0.13 0.00	25.06 0.17 0.00	26.67 0.24 0.00	21.16 0.40 0.00	19.56 0.39 0.00	18.31 0.36 0.00
NORTHPORT____1 23551	37.48 1.44 0.00	32.98 1.56 0.00	27.66 1.24 0.00	31.70 1.26 0.00	26.58 1.01 0.00	26.35 1.05 0.00	25.60 1.01 0.00	21.34 0.97 0.00	21.39 1.23 0.00	23.50 1.22 0.00	25.30 1.32 0.00	23.43 1.24 0.00	23.54 1.21 0.00	19.39 0.95 0.00	17.32 0.98 0.00	17.94 1.09 0.00	21.58 1.36 0.00	24.77 1.62 0.00	31.73 2.13 0.00	33.38 2.34 0.00	26.69 1.80 0.00	28.13 1.70 0.00	22.07 1.32 0.00	20.38 1.21 0.00	18.96 1.01 0.00
NORTHPORT____2 23552	37.48 1.44 0.00	32.98 1.56 0.00	27.66 1.24 0.00	31.70 1.26 0.00	26.58 1.01 0.00	26.35 1.05 0.00	25.60 1.01 0.00	21.34 0.97 0.00	21.39 1.23 0.00	23.50 1.22 0.00	25.30 1.32 0.00	23.43 1.24 0.00	23.54 1.21 0.00	19.39 0.95 0.00	17.32 0.98 0.00	17.94 1.09 0.00	21.58 1.36 0.00	24.77 1.62 0.00	31.73 2.13 0.00	33.38 2.34 0.00	26.69 1.80 0.00	28.13 1.70 0.00	22.07 1.32 0.00	20.38 1.21 0.00	18.96 1.01 0.00

NORTHPORT___3 23553	37.23 1.19 0.00	32.70 1.29 0.00	27.44 1.02 0.00	31.46 1.03 0.00	26.37 0.79 0.00	26.13 0.83 0.00	25.39 0.80 0.00	21.19 0.82 0.00	21.23 1.07 0.00	23.33 1.06 0.00	25.13 1.16 0.00	23.26 1.07 0.00	23.39 1.06 0.00	19.27 0.83 0.00	17.21 0.87 0.00	17.84 0.99 0.00	21.48 1.25 0.00	24.64 1.50 0.00	31.58 1.98 0.00	33.20 2.16 0.00	26.55 1.65 0.00	28.01 1.58 0.00	21.94 1.19 0.00	20.23 1.07 0.00	18.81 0.86 0.00
NORTHPORT___4 23650	37.23 1.19 0.00	32.70 1.29 0.00	27.44 1.02 0.00	31.46 1.03 0.00	26.37 0.79 0.00	26.13 0.83 0.00	25.39 0.80 0.00	21.19 0.82 0.00	21.23 1.07 0.00	23.33 1.06 0.00	25.13 1.16 0.00	23.26 1.07 0.00	23.39 1.06 0.00	19.27 0.83 0.00	17.21 0.87 0.00	17.84 0.99 0.00	21.48 1.25 0.00	24.64 1.50 0.00	31.58 1.98 0.00	33.20 2.16 0.00	26.55 1.65 0.00	28.01 1.58 0.00	21.94 1.19 0.00	20.23 1.07 0.00	18.81 0.86 0.00
NORTHPORT___IC 23718	37.48 1.44 0.00	32.98 1.56 0.00	27.66 1.24 0.00	31.70 1.26 0.00	26.58 1.01 0.00	26.35 1.05 0.00	25.60 1.01 0.00	21.34 0.97 0.00	21.39 1.23 0.00	23.50 1.22 0.00	25.30 1.32 0.00	23.43 1.24 0.00	23.54 1.21 0.00	19.39 0.95 0.00	17.32 0.98 0.00	17.94 1.09 0.00	21.58 1.36 0.00	24.77 1.62 0.00	31.73 2.13 0.00	33.38 2.34 0.00	26.69 1.80 0.00	28.13 1.70 0.00	22.07 1.32 0.00	20.38 1.21 0.00	18.96 1.01 0.00
NORTH___COUNTRY_ESR 323785	37.18 1.14 0.00	32.19 0.78 0.00	27.06 0.64 0.00	31.32 0.88 0.00	26.38 0.81 0.00	26.07 0.77 0.00	25.46 0.87 0.00	21.14 0.77 0.00	20.75 0.59 0.00	22.95 0.67 0.00	24.70 0.72 0.00	22.92 0.73 0.00	23.06 0.73 0.00	18.89 0.44 0.00	16.71 0.36 0.00	17.17 0.33 0.00	20.66 0.43 0.00	23.69 0.54 0.00	30.45 0.85 0.00	31.83 0.79 0.00	25.55 0.65 0.00	27.19 0.76 0.00	21.39 0.63 0.00	19.73 0.57 0.00	18.48 0.54 0.00
NPX_GEN_1385_PROXY 323591	46.89 1.12 -9.72	32.93 1.51 0.00	27.62 1.21 0.00	32.57 1.22 -0.92	26.58 1.01 0.00	26.35 1.05 0.00	25.56 0.97 0.00	21.28 0.91 0.00	21.39 1.23 0.00	23.50 1.22 0.00	25.30 1.32 0.00	23.34 1.15 0.00	23.32 0.99 0.00	19.21 0.77 0.00	17.26 0.92 0.00	17.88 1.04 0.00	21.48 1.25 0.00	24.82 1.67 0.00	31.75 2.15 0.00	33.46 2.42 0.00	26.73 1.84 0.00	27.80 1.37 0.00	21.87 1.12 0.00	20.19 1.03 0.00	18.96 1.01 0.00
NPX_GEN_CSC 323557	47.67 1.90 -9.72	33.30 1.88 0.00	27.94 1.53 0.00	32.92 1.56 -0.92	26.82 1.24 0.00	26.58 1.27 0.00	25.74 1.15 0.00	21.49 1.12 0.00	21.55 1.40 0.00	23.69 1.41 0.00	25.51 1.53 0.00	23.53 1.35 0.00	23.69 1.37 0.00	19.51 1.07 0.00	17.43 1.09 0.00	18.11 1.27 0.00	21.79 1.57 0.00	25.03 1.89 0.00	32.13 2.53 0.00	33.80 2.75 0.00	26.96 2.06 0.00	28.41 1.98 0.00	22.32 1.56 0.00	20.58 1.41 0.00	19.10 1.16 0.00
NSINS_S_GLNS_FALLS 23858	37.67 1.63 0.00	32.81 1.40 0.00	27.63 1.22 0.00	31.91 1.47 0.00	26.69 1.11 0.00	26.39 1.09 0.00	25.78 1.19 0.00	21.44 1.07 0.00	21.44 1.28 0.00	23.68 1.40 0.00	25.48 1.51 0.00	23.42 1.24 0.00	23.52 1.20 0.00	19.41 0.97 0.00	17.10 0.76 0.00	17.73 0.89 0.00	21.60 1.37 0.00	24.57 1.43 0.00	31.56 1.96 0.00	33.00 1.96 0.00	26.18 1.28 0.00	27.69 1.26 0.00	21.65 0.89 0.00	20.08 0.91 0.00	18.82 0.87 0.00
NUCOR_STEEL___DRP 24197	36.34 0.30 0.00	31.50 0.08 0.00	26.51 0.10 0.00	30.66 0.22 0.00	25.65 0.08 0.00	25.40 0.10 0.00	24.70 0.10 0.00	20.49 0.12 0.00	20.31 0.15 0.00	22.54 0.27 0.00	24.24 0.27 0.00	22.44 0.26 0.00	22.55 0.22 0.00	18.61 0.17 0.00	16.34 0.00 0.00	16.81 -0.04 0.00	20.34 0.11 0.00	23.43 0.29 0.00	30.02 0.42 0.00	31.45 0.40 0.00	25.23 0.33 0.00	26.72 0.28 0.00	20.87 0.12 0.00	19.29 0.13 0.00	18.20 0.26 0.00
NUMBER_THREE_WT_PWR 323818	36.46 0.42 0.00	31.70 0.28 0.00	26.72 0.30 0.00	30.75 0.32 0.00	25.90 0.32 0.00	25.64 0.34 0.00	24.93 0.34 0.00	20.65 0.28 0.00	20.50 0.34 0.00	22.51 0.23 0.00	24.21 0.23 0.00	22.17 0.23 -0.01	22.16 -0.17 0.00	18.26 -0.18 0.00	16.13 -0.21 0.00	16.59 -0.25 0.00	20.17 -0.06 0.00	23.49 0.35 0.00	30.26 0.66 0.00	31.68 0.64 0.00	25.45 0.55 0.00	26.83 0.40 0.00	21.23 0.47 0.00	19.57 0.41 0.00	18.31 0.36 0.00
NYISO_LBMP_REFERENCE 24008	36.04 0.00 0.00	31.42 0.00 0.00	26.41 0.00 0.00	30.44 0.00 0.00	25.58 0.00 0.00	25.30 0.00 0.00	24.59 0.00 0.00	20.37 0.00 0.00	20.16 0.00 0.00	22.28 0.00 0.00	23.98 0.00 0.00	22.18 0.00 0.00	22.33 0.00 0.00	18.44 0.00 0.00	16.34 0.00 0.00	16.84 0.00 0.00	20.23 0.00 0.00	23.14 0.00 0.00	29.60 0.00 0.00	31.04 0.00 0.00	24.90 0.00 0.00	26.43 0.00 0.00	20.75 0.00 0.00	19.17 0.00 0.00	17.94 0.00 0.00
NYPA_BRENTWD____GT 24164	37.86 1.82 0.00	33.25 1.84 0.00	27.89 1.48 0.00	31.95 1.52 0.00	26.79 1.21 0.00	26.55 1.24 0.00	25.79 1.20 0.00	21.52 1.15 0.00	21.58 1.42 0.00	23.72 1.44 0.00	25.53 1.55 0.00	23.62 1.44 0.00	23.75 1.43 0.00	19.58 1.14 0.00	17.47 1.13 0.00	18.12 1.27 0.00	21.82 1.59 0.00	25.07 1.93 0.00	32.16 2.56 0.00	33.83 2.79 0.00	27.03 2.14 0.00	28.49 2.06 0.00	22.32 1.57 0.00	20.58 1.42 0.00	19.13 1.18 0.00
NYPA_GOWANUS____GT5 24156	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NYPA_GOWANUS____GT6 24157	37.21 1.17 0.00	32.53 1.11 0.00	27.35 0.94 0.00	31.37 0.94 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.39 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.47 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.70 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00
NYPA_HARLEM__RVR__GT1 24160	36.92 0.88 0.00	32.29 0.87 0.00	27.14 0.73 0.00	31.12 0.69 0.00	26.11 0.53 0.00	25.88 0.57 0.00	25.19 0.60 0.00	21.03 0.67 0.00	21.09 0.93 0.00	23.25 0.97 0.00	25.04 1.06 0.00	23.12 0.94 0.00	23.24 0.91 0.00	19.28 0.84 0.00	17.18 0.84 0.00	17.74 0.90 0.00	21.38 1.16 0.00	24.49 1.34 0.00	31.26 1.66 0.00	32.89 1.85 0.00	26.35 1.46 0.00	27.91 1.48 0.00	21.84 1.09 0.00	20.14 0.98 0.00	18.66 0.72 0.00
NYPA_HARLEM__RVR__GT2 24161	36.92 0.88 0.00	32.29 0.87 0.00	27.14 0.73 0.00	31.12 0.69 0.00	26.11 0.53 0.00	25.88 0.57 0.00	25.19 0.60 0.00	21.03 0.67 0.00	21.09 0.93 0.00	23.25 0.97 0.00	25.04 1.06 0.00	23.12 0.94 0.00	23.24 0.91 0.00	19.28 0.84 0.00	17.18 0.84 0.00	17.74 0.90 0.00	21.38 1.16 0.00	24.49 1.34 0.00	31.26 1.66 0.00	32.89 1.85 0.00	26.35 1.46 0.00	27.91 1.48 0.00	21.84 1.09 0.00	20.14 0.98 0.00	18.66 0.72 0.00

NYPA_KENT____GT 24152	37.12 1.08 0.00	32.45 1.03 0.00	27.27 0.86 0.00	31.28 0.85 0.00	26.25 0.67 0.00	26.00 0.70 0.00	25.30 0.71 0.00	21.12 0.75 0.00	21.14 0.99 0.00	23.32 1.04 0.00	25.16 1.18 0.00	23.22 1.04 0.00	23.34 1.02 0.00	19.34 0.90 0.00	17.23 0.89 0.00	17.79 0.95 0.00	21.43 1.20 0.00	24.59 1.44 0.00	31.40 1.81 0.00	33.06 2.02 0.00	26.48 1.58 0.00	28.05 1.62 0.00	21.94 1.18 0.00	20.20 1.04 0.00	18.71 0.77 0.00
NYPA_POUCH1____GT 24155	37.26 1.22 0.00	32.56 1.14 0.00	27.38 0.96 0.00	31.40 0.97 0.00	26.35 0.77 0.00	26.11 0.80 0.00	25.40 0.81 0.00	21.20 0.83 0.00	21.23 1.07 0.00	23.40 1.13 0.00	25.26 1.28 0.00	23.32 1.14 0.00	23.44 1.11 0.00	19.41 0.97 0.00	17.28 0.94 0.00	17.85 1.00 0.00	21.50 1.28 0.00	24.68 1.53 0.00	31.51 1.91 0.00	33.18 2.14 0.00	26.60 1.69 -0.01	28.18 1.74 -0.01	22.03 1.27 -0.01	20.28 1.12 0.00	18.78 0.84 0.00
NYPA_VERNON____GT2 24162	37.03 0.99 0.00	32.37 0.95 0.00	27.20 0.78 0.00	31.19 0.76 0.00	26.17 0.59 0.00	25.93 0.63 0.00	25.23 0.64 0.00	21.06 0.69 0.00	21.09 0.93 0.00	23.25 0.97 0.00	25.08 1.10 0.00	23.15 0.97 0.00	23.27 0.95 0.00	19.28 0.84 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.38 1.15 0.00	24.52 1.37 0.00	31.33 1.73 0.00	32.98 1.94 0.00	26.41 1.51 0.00	27.97 1.54 0.00	21.87 1.12 0.00	20.14 0.98 0.00	18.66 0.72 0.00
NYPA_VERNON____GT3 24163	37.03 0.99 0.00	32.37 0.95 0.00	27.20 0.78 0.00	31.19 0.76 0.00	26.17 0.59 0.00	25.93 0.63 0.00	25.23 0.64 0.00	21.06 0.69 0.00	21.09 0.93 0.00	23.25 0.97 0.00	25.08 1.10 0.00	23.15 0.97 0.00	23.27 0.95 0.00	19.28 0.84 0.00	17.19 0.85 0.00	17.75 0.91 0.00	21.38 1.15 0.00	24.52 1.37 0.00	31.33 1.73 0.00	32.98 1.94 0.00	26.41 1.51 0.00	27.97 1.54 0.00	21.87 1.12 0.00	20.14 0.98 0.00	18.66 0.72 0.00
NYPA____ASTORIA_CC1 323568	36.95 0.91 0.00	32.31 0.89 0.00	27.14 0.73 0.00	31.14 0.71 0.00	26.12 0.54 0.00	25.88 0.58 0.00	25.19 0.60 0.00	21.02 0.65 0.00	21.05 0.90 0.00	23.21 0.93 0.00	25.03 1.06 0.00	23.11 0.92 0.00	23.23 0.90 0.00	19.25 0.81 0.00	17.18 0.84 0.00	17.73 0.89 0.00	21.34 1.11 0.00	24.47 1.33 0.00	31.27 1.67 0.00	32.91 1.87 0.00	26.35 1.45 0.00	27.91 1.48 0.00	21.83 1.08 0.00	20.11 0.95 0.00	18.63 0.69 0.00
NYPA____ASTORIA_CC2 323569	36.95 0.91 0.00	32.31 0.89 0.00	27.14 0.73 0.00	31.14 0.71 0.00	26.12 0.54 0.00	25.88 0.58 0.00	25.19 0.60 0.00	21.02 0.65 0.00	21.05 0.90 0.00	23.21 0.93 0.00	25.03 1.06 0.00	23.11 0.92 0.00	23.23 0.90 0.00	19.25 0.81 0.00	17.18 0.84 0.00	17.73 0.89 0.00	21.34 1.11 0.00	24.47 1.33 0.00	31.27 1.67 0.00	32.91 1.87 0.00	26.35 1.45 0.00	27.91 1.48 0.00	21.83 1.08 0.00	20.11 0.95 0.00	18.63 0.69 0.00
NYPA____HOLTSVILL 23794	37.72 1.69 0.00	33.12 1.70 0.00	27.79 1.37 0.00	31.83 1.40 0.00	26.68 1.11 0.00	26.45 1.14 0.00	25.68 1.09 0.00	21.43 1.06 0.00	21.48 1.32 0.00	23.61 1.33 0.00	25.40 1.43 0.00	23.49 1.31 0.00	23.64 1.31 0.00	19.48 1.04 0.00	17.39 1.05 0.00	18.05 1.21 0.00	21.73 1.50 0.00	24.95 1.81 0.00	32.02 2.43 0.00	33.68 2.64 0.00	26.90 2.00 0.00	28.35 1.92 0.00	22.22 1.47 0.00	20.50 1.34 0.00	19.05 1.10 0.00
NYPA____HELLGATE_GT1 24158	36.92 0.88 0.00	32.29 0.87 0.00	27.14 0.73 0.00	31.12 0.69 0.00	26.11 0.53 0.00	25.88 0.57 0.00	25.19 0.60 0.00	21.03 0.67 0.00	21.09 0.93 0.00	23.25 0.97 0.00	25.04 1.06 0.00	23.12 0.94 0.00	23.24 0.91 0.00	19.28 0.84 0.00	17.18 0.84 0.00	17.74 0.90 0.00	21.38 1.16 0.00	24.49 1.34 0.00	31.26 1.66 0.00	32.89 1.85 0.00	26.35 1.46 0.00	27.91 1.48 0.00	21.84 1.09 0.00	20.14 0.98 0.00	18.66 0.72 0.00
NYPA____HELLGATE_GT2 24159	36.92 0.88 0.00	32.29 0.87 0.00	27.14 0.73 0.00	31.12 0.69 0.00	26.11 0.53 0.00	25.88 0.57 0.00	25.19 0.60 0.00	21.03 0.67 0.00	21.09 0.93 0.00	23.25 0.97 0.00	25.04 1.06 0.00	23.12 0.94 0.00	23.24 0.91 0.00	19.28 0.84 0.00	17.18 0.84 0.00	17.74 0.90 0.00	21.38 1.16 0.00	24.49 1.34 0.00	31.26 1.66 0.00	32.89 1.85 0.00	26.35 1.46 0.00	27.91 1.48 0.00	21.84 1.09 0.00	20.14 0.98 0.00	18.66 0.72 0.00
NYS_BARGE____HYD 23848	35.54 -0.50 0.00	30.85 -0.57 0.00	26.09 -0.32 0.00	30.00 -0.43 0.00	25.20 -0.38 0.00	24.85 -0.46 0.00	24.02 -0.57 0.00	19.79 -0.57 0.00	19.75 -0.41 0.00	22.02 -0.26 0.00	23.83 -0.14 0.00	21.98 -0.20 0.00	22.15 -0.18 0.00	18.23 -0.21 0.00	16.07 -0.27 0.00	16.37 -0.47 0.00	19.77 -0.46 0.00	22.63 -0.51 0.00	28.76 -0.84 0.00	30.20 -0.84 0.00	24.23 -0.67 0.00	25.57 -0.86 0.00	20.08 -0.67 0.00	18.72 -0.45 0.00	17.88 -0.06 0.00
OAK_ORCHARD____HYD 24046	35.91 -0.12 0.00	31.21 -0.20 0.00	26.32 -0.09 0.00	30.29 -0.14 0.00	25.45 -0.13 0.00	25.12 -0.18 0.00	24.35 -0.24 0.00	20.13 -0.24 0.00	20.07 -0.08 0.00	22.31 0.04 0.00	24.11 0.13 0.00	22.22 0.04 0.00	22.36 0.03 0.00	18.41 -0.03 0.00	16.24 -0.10 0.00	16.62 -0.22 0.00	20.08 -0.15 0.00	23.05 -0.09 0.00	29.42 -0.18 0.00	30.89 -0.15 0.00	24.75 -0.15 0.00	26.16 -0.27 0.00	20.52 -0.24 0.00	19.03 -0.14 0.00	18.03 0.08 0.00
OAKDALE__35_KV_LOAD 356122	36.46 0.42 0.00	31.70 0.28 0.00	26.65 0.23 0.00	30.73 0.30 0.00	25.75 0.17 0.00	25.45 0.15 0.00	24.66 0.07 0.00	20.43 0.07 0.00	20.47 0.31 0.00	22.64 0.36 0.00	24.46 0.49 0.00	22.56 0.37 0.00	22.71 0.39 0.00	18.70 0.26 0.00	16.50 0.16 0.00	16.98 0.13 0.00	20.49 0.26 0.00	23.50 0.35 0.00	30.09 0.49 0.00	31.68 0.64 0.00	25.39 0.50 0.00	26.84 0.41 0.00	21.01 0.26 0.00	19.47 0.30 0.00	18.23 0.29 0.00
OCC_CHEM____DRP 24175	35.02 -1.02 0.00	30.42 -1.00 0.00	25.75 -0.66 0.00	29.67 -0.77 0.00	24.87 -0.71 0.00	24.51 -0.80 0.00	23.70 -0.90 0.00	19.52 -0.85 0.00	19.45 -0.70 0.00	21.69 -0.58 0.00	23.50 -0.48 0.00	21.70 -0.48 0.00	21.88 -0.45 0.00	18.01 -0.43 0.00	15.87 -0.48 0.00	16.18 -0.66 0.00	19.50 -0.72 0.00	22.27 -0.87 0.00	28.25 -1.35 0.00	29.64 -1.40 0.00	23.79 -1.11 0.00	25.11 -1.32 0.00	19.75 -1.01 0.00	18.41 -0.75 0.00	17.60 -0.34 0.00
OH_GEN_PROXY 24063	45.03 -0.74 -9.72	30.67 -0.75 0.00	25.92 -0.49 0.00	30.74 -0.61 -0.92	25.04 -0.53 0.00	24.69 -0.62 0.00	23.87 -0.72 0.00	19.67 -0.70 0.00	19.65 -0.51 0.00	21.90 -0.38 0.00	23.71 -0.26 0.00	21.89 -0.29 0.00	22.06 -0.27 0.00	18.16 -0.28 0.00	15.99 -0.35 0.00	16.31 -0.53 0.00	19.67 -0.56 0.00	22.46 -0.68 0.00	28.52 -1.07 0.00	29.95 -1.09 0.00	24.02 -0.87 0.00	25.38 -1.04 0.00	19.94 -0.82 0.00	18.58 -0.59 0.00	54.76 -0.22 -37.04
OLIN_CORP_DRP 24177	35.02 -1.02 0.00	30.41 -1.00 0.00	25.74 -0.67 0.00	29.65 -0.78 0.00	24.87 -0.71 0.00	24.52 -0.79 0.00	23.70 -0.89 0.00	19.52 -0.85 0.00	19.44 -0.71 0.00	21.69 -0.59 0.00	23.48 -0.50 0.00	21.68 -0.51 0.00	21.85 -0.48 0.00	17.99 -0.45 0.00	15.85 -0.49 0.00	16.16 -0.69 0.00	19.48 -0.74 0.00	22.27 -0.87 0.00	28.26 -1.33 0.00	29.67 -1.37 0.00	23.81 -1.09 0.00	25.13 -1.30 0.00	19.75 -1.00 0.00	18.43 -0.74 0.00	17.61 -0.33 0.00

OLIN_CORP_DSASP 323712	35.01 -1.02 0.00	30.42 -1.00 0.00	25.74 -0.67 0.00	29.60 -0.83 0.00	24.87 -0.71 0.00	24.51 -0.79 0.00	23.70 -0.89 0.00	19.52 -0.84 0.00	19.45 -0.70 0.00	21.69 -0.58 0.00	23.49 -0.48 0.00	21.70 -0.48 0.00	21.88 -0.45 0.00	18.02 -0.42 0.00	15.87 -0.47 0.00	16.18 -0.66 0.00	19.51 -0.72 0.00	22.27 -0.87 0.00	28.26 -1.34 0.00	29.64 -1.41 0.00	23.79 -1.11 0.00	25.11 -1.31 0.00	19.75 -1.01 0.00	18.41 -0.75 0.00	17.60 -0.34 0.00
ONEIDA_HERK_LFGE 323681	36.65 0.61 0.00	31.91 0.49 0.00	26.85 0.44 0.00	30.91 0.48 0.00	26.01 0.43 0.00	25.75 0.44 0.00	25.03 0.43 0.00	20.74 0.37 0.00	20.60 0.45 0.00	22.73 0.45 0.00	24.46 0.48 0.00	22.49 0.31 0.00	22.52 0.19 0.00	18.55 0.12 0.00	16.40 0.06 0.00	16.89 0.04 0.00	20.45 0.22 0.00	23.66 0.51 0.00	30.41 0.81 0.00	31.88 0.84 0.00	25.57 0.67 0.00	27.03 0.60 0.00	21.27 0.51 0.00	19.61 0.44 0.00	18.34 0.40 0.00
ONEIDA___115KV_TB4 55905	36.84 0.80 0.00	32.15 0.73 0.00	27.02 0.61 0.00	31.12 0.69 0.00	26.16 0.58 0.00	25.88 0.58 0.00	25.15 0.56 0.00	20.85 0.48 0.00	20.75 0.59 0.00	22.94 0.66 0.00	24.72 0.74 0.00	22.77 0.58 0.00	22.82 0.49 0.00	18.75 0.31 0.00	16.54 0.19 0.00	17.03 0.19 0.00	20.60 0.37 0.00	23.80 0.66 0.00	30.57 0.97 0.00	32.08 1.03 0.00	25.70 0.80 0.00	27.21 0.78 0.00	21.35 0.60 0.00	19.69 0.53 0.00	18.43 0.49 0.00
ONONDAGA_REF_OCCRA 23987	36.01 -0.02 0.00	31.36 -0.06 0.00	26.36 -0.05 0.00	30.38 -0.05 0.00	25.51 -0.07 0.00	25.23 -0.08 0.00	24.49 -0.10 0.00	20.29 -0.08 0.00	20.20 0.04 0.00	22.34 0.06 0.00	24.10 0.12 0.00	22.26 0.08 0.00	22.37 0.04 0.00	18.42 -0.02 0.00	16.28 -0.06 0.00	16.76 -0.09 0.00	20.20 -0.03 0.00	23.19 0.04 0.00	29.67 0.07 0.00	31.16 0.11 0.00	24.96 0.06 0.00	26.44 0.02 0.00	20.80 0.04 0.00	19.21 0.04 0.00	18.03 0.09 0.00
ONONDAGA___COGEN 23986	35.97 -0.06 0.00	31.30 -0.12 0.00	26.32 -0.09 0.00	30.34 -0.09 0.00	25.47 -0.10 0.00	25.20 -0.10 0.00	24.48 -0.11 0.00	20.27 -0.09 0.00	20.17 0.01 0.00	22.30 0.03 0.00	24.05 0.08 0.00	22.22 0.03 0.00	22.33 0.00 0.00	18.41 -0.03 0.00	16.26 -0.08 0.00	16.74 -0.11 0.00	20.18 -0.05 0.00	23.18 0.03 0.00	29.66 0.06 0.00	31.11 0.07 0.00	24.94 0.04 0.00	26.42 -0.01 0.00	20.75 -0.01 0.00	19.16 0.00 0.00	18.01 0.07 0.00
ONTARIO___LFGE 23819	36.29 0.25 0.00	31.54 0.12 0.00	26.60 0.18 0.00	30.56 0.13 0.00	25.76 0.18 0.00	25.43 0.13 0.00	24.64 0.05 0.00	20.41 0.04 0.00	20.47 0.31 0.00	22.68 0.40 0.00	24.52 0.54 0.00	22.61 0.42 0.00	22.70 0.38 0.00	18.65 0.21 0.00	16.41 0.07 0.00	16.83 -0.01 0.00	20.36 0.13 0.00	23.49 0.35 0.00	30.04 0.44 0.00	31.64 0.60 0.00	25.35 0.46 0.00	26.87 0.45 0.00	21.02 0.26 0.00	19.46 0.29 0.00	18.30 0.35 0.00
ORANGEVILLE_WT_PWR 323706	36.28 0.24 0.00	31.50 0.08 0.00	26.56 0.15 0.00	30.57 0.13 0.00	25.65 0.07 0.00	25.28 -0.02 0.00	24.40 -0.19 0.00	20.09 -0.28 0.00	20.20 0.04 0.00	22.46 0.18 0.00	24.36 0.38 0.00	22.47 0.28 0.00	22.63 0.30 0.00	18.61 0.18 0.00	16.34 0.00 0.00	16.69 -0.15 0.00	20.17 -0.06 0.00	23.14 0.00 0.00	29.50 -0.09 0.00	31.07 0.03 0.00	24.93 0.04 0.00	26.31 -0.11 0.00	20.63 -0.13 0.00	19.21 0.05 0.00	18.21 0.27 0.00
ORANGEVILLE___ESR 323794	36.28 0.24 0.00	31.50 0.08 0.00	26.56 0.15 0.00	30.57 0.13 0.00	25.65 0.07 0.00	25.28 -0.02 0.00	24.40 -0.19 0.00	20.09 -0.28 0.00	20.20 0.04 0.00	22.46 0.18 0.00	24.36 0.38 0.00	22.47 0.28 0.00	22.63 0.30 0.00	18.61 0.18 0.00	16.34 0.00 0.00	16.69 -0.15 0.00	20.17 -0.06 0.00	23.14 0.00 0.00	29.50 -0.09 0.00	31.07 0.03 0.00	24.93 0.04 0.00	26.31 -0.11 0.00	20.63 -0.13 0.00	19.21 0.05 0.00	18.21 0.27 0.00
OSWEGATCHIE___HYD 24044	36.32 0.28 0.00	31.56 0.14 0.00	26.58 0.16 0.00	30.64 0.21 0.00	25.79 0.21 0.00	25.52 0.22 0.00	24.84 0.24 0.00	20.52 0.16 0.00	20.19 0.03 0.00	22.23 -0.04 0.00	23.87 -0.11 0.00	22.08 -0.10 0.00	22.20 -0.12 0.00	18.30 -0.14 0.00	16.18 -0.16 0.00	16.65 -0.19 0.00	20.12 -0.11 0.00	23.21 0.06 0.00	29.69 0.09 0.00	31.07 0.03 0.00	24.97 0.07 0.00	26.44 0.02 0.00	20.98 0.22 0.00	19.37 0.21 0.00	18.13 0.18 0.00
OSWEGO___5 23606	35.39 -0.65 0.00	30.82 -0.60 0.00	25.92 -0.49 0.00	29.86 -0.57 0.00	25.08 -0.50 0.00	24.81 -0.49 0.00	24.09 -0.50 0.00	19.94 -0.42 0.00	19.81 -0.35 0.00	21.90 -0.37 0.00	23.60 -0.38 0.00	21.79 -0.39 0.00	21.92 -0.41 0.00	18.09 -0.35 0.00	16.00 -0.34 0.00	16.46 -0.38 0.00	19.81 -0.41 0.00	22.72 -0.42 0.00	29.05 -0.55 0.00	30.48 -0.56 0.00	24.43 -0.46 0.00	25.90 -0.53 0.00	20.35 -0.41 0.00	18.81 -0.36 0.00	17.68 -0.26 0.00
OSWEGO___6 23613	35.39 -0.65 0.00	30.82 -0.60 0.00	25.92 -0.49 0.00	29.86 -0.57 0.00	25.08 -0.50 0.00	24.81 -0.49 0.00	24.09 -0.50 0.00	19.94 -0.42 0.00	19.81 -0.35 0.00	21.90 -0.37 0.00	23.60 -0.38 0.00	21.79 -0.39 0.00	21.92 -0.41 0.00	18.09 -0.35 0.00	16.00 -0.34 0.00	16.46 -0.38 0.00	19.81 -0.41 0.00	22.72 -0.42 0.00	29.05 -0.55 0.00	30.48 -0.56 0.00	24.43 -0.46 0.00	25.90 -0.53 0.00	20.35 -0.41 0.00	18.81 -0.36 0.00	17.68 -0.26 0.00
OUTOKUMPU-AB___DRP 24206	35.88 -0.16 0.00	31.15 -0.27 0.00	26.33 -0.08 0.00	30.34 -0.09 0.00	25.43 -0.15 0.00	25.07 -0.23 0.00	24.24 -0.35 0.00	19.97 -0.40 0.00	19.94 -0.22 0.00	22.24 -0.04 0.00	24.09 0.11 0.00	22.23 0.04 0.00	22.40 0.07 0.00	18.43 -0.01 0.00	16.23 -0.11 0.00	16.56 -0.28 0.00	19.98 -0.24 0.00	22.88 -0.26 0.00	29.08 -0.52 0.00	30.53 -0.51 0.00	24.49 -0.40 0.00	25.84 -0.59 0.00	20.29 -0.46 0.00	18.90 -0.26 0.00	18.03 0.09 0.00
OXBOW___ 24026	35.54 -0.50 0.00	30.87 -0.55 0.00	26.10 -0.31 0.00	30.02 -0.41 0.00	25.21 -0.36 0.00	24.85 -0.45 0.00	24.03 -0.56 0.00	19.80 -0.57 0.00	19.76 -0.40 0.00	22.03 -0.25 0.00	23.86 -0.12 0.00	22.03 -0.15 0.00	22.20 -0.13 0.00	18.28 -0.16 0.00	16.10 -0.24 0.00	16.41 -0.43 0.00	19.80 -0.42 0.00	22.64 -0.50 0.00	28.76 -0.84 0.00	30.18 -0.86 0.00	24.22 -0.68 0.00	25.56 -0.87 0.00	20.08 -0.68 0.00	18.72 -0.45 0.00	17.87 -0.07 0.00
OXY_CHEM_DSASP 323612	35.02 -1.02 0.00	30.42 -1.00 0.00	25.75 -0.66 0.00	29.67 -0.77 0.00	24.87 -0.71 0.00	24.51 -0.80 0.00	23.70 -0.90 0.00	19.52 -0.85 0.00	19.45 -0.70 0.00	21.69 -0.58 0.00	23.50 -0.48 0.00	21.70 -0.48 0.00	21.88 -0.45 0.00	18.01 -0.43 0.00	15.87 -0.48 0.00	16.18 -0.66 0.00	19.50 -0.72 0.00	22.27 -0.87 0.00	28.25 -1.35 0.00	29.64 -1.40 0.00	23.79 -1.11 0.00	25.11 -1.32 0.00	19.75 -1.01 0.00	18.41 -0.75 0.00	17.60 -0.34 0.00
OZONE_PARK_ESR 323760	37.36 1.32 0.00	32.65 1.23 0.00	27.41 0.99 0.00	31.43 0.99 0.00	26.37 0.80 0.00	26.12 0.82 0.00	25.41 0.82 0.00	21.22 0.85 0.00	21.24 1.08 0.00	23.43 1.15 0.00	25.30 1.32 0.00	23.36 1.17 0.00	23.48 1.15 0.00	19.43 0.99 0.00	17.32 0.97 0.00	17.88 1.04 0.00	21.56 1.34 0.00	24.74 1.59 0.00	31.64 2.04 0.00	33.28 2.25 0.00	26.64 1.75 0.00	28.23 1.80 0.00	22.07 1.31 0.00	20.31 1.15 0.00	18.81 0.87 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_345013	35.02 -1.02 0.00	30.42 -1.00 0.00	25.75 -0.66 0.00	29.67 -0.77 0.00	24.87 -0.71 0.00	24.51 -0.80 0.00	23.70 -0.90 0.00	19.52 -0.85 0.00	19.45 -0.70 0.00	21.69 -0.58 0.00	23.50 -0.48 0.00	21.70 -0.48 0.00	21.88 -0.45 0.00	18.01 -0.43 0.00	15.87 -0.48 0.00	16.18 -0.66 0.00	19.50 -0.72 0.00	22.27 -0.87 0.00	28.25 -1.35 0.00	29.64 -1.40 0.00	23.79 -1.11 0.00	25.11 -1.32 0.00	19.75 -1.01 0.00	18.41 -0.75 0.00	17.60 -0.34 0.00
PACKARD__115KV_DUPONT_18480571	35.02 -1.02 0.00	30.42 -1.00 0.00	25.75 -0.66 0.00	29.67 -0.77 0.00	24.87 -0.71 0.00	24.51 -0.80 0.00	23.70 -0.90 0.00	19.52 -0.85 0.00	19.45 -0.70 0.00	21.69 -0.58 0.00	23.50 -0.48 0.00	21.70 -0.48 0.00	21.88 -0.45 0.00	18.01 -0.43 0.00	15.87 -0.48 0.00	16.18 -0.66 0.00	19.50 -0.72 0.00	22.27 -0.87 0.00	28.25 -1.35 0.00	29.64 -1.40 0.00	23.79 -1.11 0.00	25.11 -1.32 0.00	19.75 -1.01 0.00	18.41 -0.75 0.00	17.60 -0.34 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J345007	36.89 0.85 0.00	32.27 0.85 0.00	27.14 0.73 0.00	31.12 0.69 0.00	26.11 0.53 0.00	25.88 0.58 0.00	25.19 0.60 0.00	21.02 0.65 0.00	21.06 0.91 0.00	23.21 0.94 0.00	25.00 1.03 0.00	23.08 0.89 0.00	23.20 0.87 0.00	19.24 0.80 0.00	17.14 0.80 0.00	17.70 0.85 0.00	21.33 1.10 0.00	24.45 1.30 0.00	31.21 1.61 0.00	32.87 1.83 0.00	26.31 1.42 0.00	27.86 1.44 0.00	21.81 1.05 0.00	20.09 0.92 0.00	18.62 0.68 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J345019	36.89 0.85 0.00	32.27 0.85 0.00	27.17 0.76 0.00	31.22 0.78 0.00	26.23 0.65 0.00	26.02 0.72 0.00	25.33 0.74 0.00	21.14 0.77 0.00	21.20 1.04 0.00	23.37 1.10 0.00	25.04 1.07 0.00	23.08 0.90 0.00	23.20 0.87 0.00	19.24 0.81 0.00	17.20 0.86 0.00	17.76 0.92 0.00	21.41 1.19 0.00	24.55 1.40 0.00	31.22 1.62 0.00	32.87 1.83 0.00	26.31 1.42 0.00	27.86 1.44 0.00	21.81 1.05 0.00	20.09 0.92 0.00	18.68 0.74 0.00
PATROON__115KV_TB180586	36.33 0.30 0.00	31.73 0.31 0.00	26.68 0.26 0.00	30.75 0.32 0.00	25.79 0.21 0.00	25.54 0.23 0.00	24.86 0.27 0.00	20.61 0.25 0.00	20.54 0.38 0.00	22.64 0.37 0.00	24.25 0.27 0.00	22.28 0.09 0.00	22.39 0.07 0.00	18.52 0.08 0.00	16.47 0.13 0.00	17.05 0.20 0.00	20.64 0.41 0.00	23.67 0.53 0.00	30.32 0.72 0.00	31.75 0.71 0.00	25.35 0.45 0.00	26.88 0.45 0.00	21.02 0.27 0.00	19.36 0.20 0.00	18.04 0.10 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A345030	36.65 0.62 0.00	31.81 0.39 0.00	26.83 0.42 0.00	30.93 0.49 0.00	25.90 0.32 0.00	25.54 0.24 0.00	24.66 0.07 0.00	20.36 -0.01 0.00	20.41 0.25 0.00	22.74 0.46 0.00	24.64 0.67 0.00	22.72 0.53 0.00	22.89 0.57 0.00	18.81 0.38 0.00	16.55 0.21 0.00	16.90 0.06 0.00	20.41 0.19 0.00	23.36 0.22 0.00	29.76 0.16 0.00	31.33 0.29 0.00	25.12 0.23 0.00	26.51 0.08 0.00	20.78 0.03 0.00	19.35 0.18 0.00	18.38 0.44 0.00
PAWLING_115_KV_BK3_REV_LBMP_H345028	37.39 1.35 0.00	32.66 1.25 0.00	27.40 0.99 0.00	31.47 1.04 0.00	26.42 0.84 0.00	26.16 0.85 0.00	25.45 0.86 0.00	21.21 0.84 0.00	21.23 1.07 0.00	23.42 1.14 0.00	25.25 1.28 0.00	23.25 1.07 0.00	23.35 1.02 0.00	19.31 0.87 0.00	17.20 0.85 0.00	17.78 0.94 0.00	21.48 1.26 0.00	24.68 1.54 0.00	31.64 2.04 0.00	33.27 2.23 0.00	26.61 1.71 0.00	28.14 1.71 0.00	21.98 1.22 0.00	20.23 1.06 0.00	18.75 0.81 0.00
PEEKSKILL____23653	37.01 0.97 0.00	32.36 0.94 0.00	27.14 0.73 0.00	31.17 0.74 0.00	26.15 0.57 0.00	25.91 0.61 0.00	25.20 0.60 0.00	20.99 0.62 0.00	21.00 0.84 0.00	23.15 0.87 0.00	24.97 0.99 0.00	23.03 0.84 0.00	23.14 0.81 0.00	19.14 0.70 0.00	17.04 0.70 0.00	17.60 0.76 0.00	21.24 1.01 0.00	24.37 1.23 0.00	31.21 1.61 0.00	32.84 1.80 0.00	26.28 1.39 0.00	27.83 1.40 0.00	21.75 0.99 0.00	20.03 0.87 0.00	18.58 0.64 0.00
PGE MADISON__WINDPWR24146	38.86 2.82 0.00	33.87 2.45 0.00	28.45 2.04 0.00	32.79 2.36 0.00	27.54 1.96 0.00	27.22 1.92 0.00	26.42 1.83 0.00	21.98 1.61 0.00	21.97 1.81 0.00	24.37 2.09 0.00	26.29 2.32 0.00	24.25 2.07 0.00	24.35 2.03 0.00	19.87 1.44 0.00	17.20 0.85 0.00	17.71 0.87 0.00	21.57 1.34 0.00	25.09 1.95 0.00	32.51 2.91 0.00	34.04 3.00 0.00	27.36 2.46 0.00	28.95 2.52 0.00	22.67 1.92 0.00	20.92 1.75 0.00	19.61 1.66 0.00
PIERCEFIELD__HYD23852	36.68 0.64 0.00	31.85 0.43 0.00	26.82 0.41 0.00	30.95 0.52 0.00	26.05 0.48 0.00	25.77 0.46 0.00	25.09 0.50 0.00	20.68 0.32 0.00	20.16 0.00 0.00	22.28 0.01 0.00	23.97 -0.01 0.00	22.37 0.19 0.00	22.61 0.28 0.00	18.64 0.20 0.00	16.49 0.15 0.00	16.98 0.14 0.00	20.36 0.13 0.00	23.23 0.09 0.00	29.49 -0.10 0.00	30.85 -0.19 0.00	24.82 -0.07 0.00	26.41 -0.02 0.00	21.00 0.25 0.00	19.43 0.26 0.00	18.19 0.24 0.00
PINELAWN_CC_1323563	37.61 1.57 0.00	33.01 1.60 0.00	27.69 1.28 0.00	31.74 1.30 0.00	26.60 1.02 0.00	26.36 1.06 0.00	25.63 1.04 0.00	21.38 1.01 0.00	21.43 1.27 0.00	23.56 1.28 0.00	25.35 1.37 0.00	23.46 1.27 0.00	23.59 1.26 0.00	19.45 1.01 0.00	17.35 1.01 0.00	17.99 1.15 0.00	21.67 1.45 0.00	24.90 1.76 0.00	31.95 2.35 0.00	33.61 2.57 0.00	26.85 1.95 0.00	28.33 1.90 0.00	22.18 1.43 0.00	20.45 1.28 0.00	18.99 1.04 0.00
PJM_GEN_HTP_PROXY323702	46.78 1.02 -9.72	32.41 0.99 0.00	27.20 0.79 0.00	32.14 0.79 -0.92	26.19 0.62 0.00	25.95 0.65 0.00	25.24 0.65 0.00	21.07 0.70 0.00	21.08 0.92 0.00	23.25 0.97 0.00	25.09 1.11 0.00	23.15 0.97 0.00	23.27 0.94 0.00	19.26 0.82 0.00	17.17 0.83 0.00	17.73 0.89 0.00	21.38 1.15 0.00	24.51 1.37 0.00	31.36 1.76 0.00	33.80 1.93 -0.82	26.38 1.49 0.00	27.96 1.54 0.00	21.87 1.11 0.00	20.14 0.98 0.00	18.65 0.71 0.00
PJM_GEN_KEystone24065	46.31 0.55 -9.72	31.88 0.46 0.00	26.80 0.39 0.00	31.75 0.39 -0.92	25.86 0.28 0.00	25.56 0.26 0.00	24.76 0.16 0.00	20.55 0.19 0.00	20.60 0.44 0.00	22.78 0.50 0.00	24.64 0.67 0.00	22.72 0.53 0.00	22.85 0.52 0.00	18.84 0.40 0.00	16.48 0.35 0.21	17.15 0.31 0.00	20.69 0.46 0.00	23.68 0.53 0.00	30.23 0.63 0.00	33.30 0.85 -1.41	25.56 0.67 0.00	27.03 0.60 0.00	21.14 0.38 0.00	19.58 0.42 0.00	18.32 0.37 0.00
PJM_GEN_NEPTUNE_PROXY323594	46.96 1.20 -9.72	32.68 1.26 0.00	27.40 0.99 0.00	32.35 0.99 -0.92	26.35 0.77 0.00	26.11 0.81 0.00	25.38 0.79 0.00	21.17 0.80 0.00	21.21 1.05 0.00	23.31 1.04 0.00	25.13 1.16 0.00	23.23 1.05 0.00	23.36 1.04 0.00	19.27 0.84 0.00	17.19 0.85 0.00	17.80 0.96 0.00	21.45 1.22 0.00	24.62 1.47 0.00	31.55 1.95 0.00	34.01 2.14 -0.82	26.53 1.64 0.00	28.02 1.60 0.00	21.94 1.19 0.00	20.23 1.06 0.00	18.79 0.84 0.00
PJM_GEN_VFT_PROXY323633	46.59 0.83 -9.72	32.24 0.82 0.00	27.07 0.66 0.00	31.99 0.64 -0.92	26.07 0.49 0.00	25.83 0.52 0.00	25.12 0.53 0.00	20.97 0.61 0.00	20.99 0.83 0.00	23.14 0.86 0.00	24.98 1.00 0.00	23.05 0.87 0.00	23.16 0.84 0.00	19.18 0.74 0.00	17.09 0.75 0.00	17.64 0.80 0.00	21.26 1.04 0.00	24.38 1.24 0.00	31.17 1.57 0.00	33.63 1.77 -0.82	26.26 1.36 0.00	27.85 1.42 0.00	21.77 1.01 0.00	20.05 0.89 0.00	18.56 0.62 0.00

PLATSBRG_115KV_PMLD1 355749	37.66 1.63 0.00	32.60 1.18 0.00	27.39 0.98 0.00	31.72 1.29 0.00	26.70 1.12 0.00	26.38 1.08 0.00	25.79 1.20 0.00	21.44 1.07 0.00	21.09 0.94 0.00	23.29 1.01 0.00	25.08 1.10 0.00	23.21 1.03 0.00	23.36 1.04 0.00	19.12 0.68 0.00	16.90 0.56 0.00	17.39 0.55 0.00	20.97 0.74 0.00	24.09 0.95 0.00	31.02 1.43 0.00	32.41 1.37 0.00	25.94 1.04 0.00	27.58 1.15 0.00	21.69 0.93 0.00	20.00 0.83 0.00	18.73 0.79 0.00
PLEASANTVLY___LBMP 24000	36.88 0.84 0.00	32.23 0.81 0.00	27.03 0.62 0.00	31.07 0.63 0.00	26.06 0.48 0.00	25.81 0.50 0.00	25.11 0.52 0.00	20.90 0.53 0.00	20.90 0.74 0.00	23.05 0.77 0.00	24.84 0.86 0.00	22.88 0.70 0.00	23.00 0.68 0.00	19.03 0.59 0.00	16.94 0.60 0.00	17.51 0.67 0.00	21.14 0.92 0.00	24.27 1.13 0.00	31.08 1.48 0.00	32.66 1.62 0.00	26.12 1.22 0.00	27.66 1.23 0.00	21.62 0.87 0.00	19.93 0.76 0.00	18.49 0.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.06 1.03 0.00	32.41 0.99 0.00	27.19 0.78 0.00	31.22 0.78 0.00	26.19 0.61 0.00	25.94 0.64 0.00	25.24 0.65 0.00	21.03 0.67 0.00	21.04 0.88 0.00	23.19 0.92 0.00	25.01 1.04 0.00	23.07 0.89 0.00	23.18 0.85 0.00	19.18 0.74 0.00	17.09 0.74 0.00	17.65 0.81 0.00	21.30 1.07 0.00	24.44 1.30 0.00	31.30 1.70 0.00	32.91 1.87 0.00	26.33 1.44 0.00	27.88 1.45 0.00	21.80 1.05 0.00	20.07 0.91 0.00	18.62 0.67 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.06 1.03 0.00	32.41 0.99 0.00	27.19 0.78 0.00	31.22 0.78 0.00	26.19 0.61 0.00	25.94 0.64 0.00	25.24 0.65 0.00	21.03 0.67 0.00	21.04 0.88 0.00	23.19 0.92 0.00	25.01 1.04 0.00	23.07 0.89 0.00	23.18 0.85 0.00	19.18 0.74 0.00	17.09 0.74 0.00	17.65 0.81 0.00	21.30 1.07 0.00	24.44 1.30 0.00	31.30 1.70 0.00	32.91 1.87 0.00	26.33 1.44 0.00	27.88 1.45 0.00	21.80 1.05 0.00	20.07 0.91 0.00	18.62 0.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.19 1.15 0.00	32.49 1.07 0.00	27.23 0.82 0.00	31.30 0.86 0.00	26.25 0.67 0.00	26.00 0.70 0.00	25.30 0.71 0.00	21.07 0.70 0.00	21.08 0.92 0.00	23.24 0.97 0.00	25.04 1.07 0.00	23.05 0.87 0.00	23.15 0.83 0.00	19.15 0.71 0.00	17.06 0.72 0.00	17.65 0.81 0.00	21.33 1.11 0.00	24.52 1.37 0.00	31.42 1.82 0.00	33.03 1.99 0.00	26.41 1.52 0.00	27.95 1.52 0.00	21.83 1.08 0.00	20.11 0.94 0.00	18.63 0.69 0.00
POLETTI____ 23519	36.87 0.83 0.00	32.24 0.82 0.00	27.07 0.66 0.00	31.06 0.62 0.00	26.07 0.49 0.00	25.83 0.53 0.00	25.13 0.53 0.00	20.98 0.62 0.00	21.00 0.84 0.00	23.16 0.88 0.00	24.98 1.01 0.00	23.06 0.88 0.00	23.18 0.85 0.00	19.20 0.76 0.00	17.12 0.78 0.00	17.67 0.83 0.00	21.30 1.08 0.00	24.43 1.29 0.00	31.22 1.62 0.00	32.84 1.80 0.00	26.28 1.39 0.00	27.86 1.43 0.00	21.79 1.03 0.00	20.07 0.91 0.00	18.58 0.64 0.00
POMONA___ESR 323819	37.07 1.03 0.00	32.41 0.99 0.00	27.19 0.78 0.00	31.23 0.79 0.00	26.20 0.62 0.00	25.96 0.66 0.00	25.23 0.64 0.00	21.02 0.65 0.00	21.01 0.85 0.00	23.16 0.89 0.00	25.00 1.02 0.00	23.05 0.87 0.00	23.16 0.83 0.00	19.16 0.71 0.00	17.06 0.72 0.00	17.61 0.76 0.00	21.24 1.01 0.00	24.37 1.22 0.00	31.21 1.61 0.00	32.86 1.82 0.00	26.32 1.43 0.00	27.87 1.44 0.00	21.77 1.02 0.00	20.06 0.90 0.00	18.60 0.66 0.00
PORT_JEFF_3 23555	37.79 1.76 0.00	33.18 1.76 0.00	27.83 1.42 0.00	31.89 1.46 0.00	26.72 1.15 0.00	26.49 1.18 0.00	25.72 1.13 0.00	21.46 1.09 0.00	21.52 1.36 0.00	23.66 1.38 0.00	25.45 1.47 0.00	23.54 1.35 0.00	23.69 1.36 0.00	19.52 1.08 0.00	17.42 1.08 0.00	18.08 1.24 0.00	21.77 1.55 0.00	25.02 1.87 0.00	32.10 2.50 0.00	33.77 2.72 0.00	26.96 2.06 0.00	28.41 1.98 0.00	22.27 1.52 0.00	20.54 1.38 0.00	19.08 1.14 0.00
PORT_JEFF_4 23616	37.79 1.76 0.00	33.18 1.76 0.00	27.83 1.42 0.00	31.89 1.46 0.00	26.72 1.15 0.00	26.49 1.18 0.00	25.72 1.13 0.00	21.46 1.09 0.00	21.52 1.36 0.00	23.66 1.38 0.00	25.45 1.47 0.00	23.54 1.35 0.00	23.69 1.36 0.00	19.52 1.08 0.00	17.42 1.08 0.00	18.08 1.24 0.00	21.77 1.55 0.00	25.02 1.87 0.00	32.10 2.50 0.00	33.77 2.72 0.00	26.96 2.06 0.00	28.41 1.98 0.00	22.27 1.52 0.00	20.54 1.38 0.00	19.08 1.14 0.00
PORT_JEFF_IC 23713	37.82 1.78 0.00	33.20 1.78 0.00	27.84 1.43 0.00	31.90 1.46 0.00	26.74 1.16 0.00	26.49 1.19 0.00	25.73 1.14 0.00	21.47 1.10 0.00	21.54 1.38 0.00	23.68 1.40 0.00	25.47 1.49 0.00	23.56 1.37 0.00	23.70 1.37 0.00	19.53 1.09 0.00	17.44 1.10 0.00	18.10 1.26 0.00	21.79 1.57 0.00	25.04 1.90 0.00	32.14 2.54 0.00	33.81 2.77 0.00	26.99 2.09 0.00	28.44 2.01 0.00	22.30 1.54 0.00	20.56 1.39 0.00	19.09 1.15 0.00
PPL PILGRIM_ST_GT1 24216	37.86 1.82 0.00	33.25 1.84 0.00	27.89 1.48 0.00	31.95 1.52 0.00	26.79 1.21 0.00	26.55 1.24 0.00	25.79 1.20 0.00	21.52 1.15 0.00	21.58 1.42 0.00	23.72 1.44 0.00	25.53 1.55 0.00	23.62 1.44 0.00	23.75 1.43 0.00	19.58 1.14 0.00	17.47 1.13 0.00	18.12 1.27 0.00	21.82 1.59 0.00	25.07 1.93 0.00	32.16 2.56 0.00	33.83 2.79 0.00	27.03 2.14 0.00	28.49 2.06 0.00	22.32 1.57 0.00	20.58 1.42 0.00	19.13 1.18 0.00
PPL PILGRIM_ST_GT2 24217	37.86 1.82 0.00	33.25 1.84 0.00	27.89 1.48 0.00	31.95 1.52 0.00	26.79 1.21 0.00	26.55 1.24 0.00	25.79 1.20 0.00	21.52 1.15 0.00	21.58 1.42 0.00	23.72 1.44 0.00	25.53 1.55 0.00	23.62 1.44 0.00	23.75 1.43 0.00	19.58 1.14 0.00	17.47 1.13 0.00	18.12 1.27 0.00	21.82 1.59 0.00	25.07 1.93 0.00	32.16 2.56 0.00	33.83 2.79 0.00	27.03 2.14 0.00	28.49 2.06 0.00	22.32 1.57 0.00	20.58 1.42 0.00	19.13 1.18 0.00
PPL_SHRM_GT3 24213	37.97 1.93 0.00	33.33 1.91 0.00	27.95 1.54 0.00	32.01 1.58 0.00	26.83 1.25 0.00	26.59 1.28 0.00	25.76 1.17 0.00	21.50 1.14 0.00	21.57 1.41 0.00	23.70 1.43 0.00	25.51 1.54 0.00	23.54 1.36 0.00	23.70 1.37 0.00	19.52 1.08 0.00	17.44 1.10 0.00	18.12 1.28 0.00	21.81 1.58 0.00	25.05 1.90 0.00	32.15 2.55 0.00	33.82 2.78 0.00	26.98 2.09 0.00	28.44 2.01 0.00	22.33 1.58 0.00	20.59 1.43 0.00	19.11 1.17 0.00
PPL_SHRM_GT4 24214	37.97 1.93 0.00	33.33 1.91 0.00	27.95 1.54 0.00	32.01 1.58 0.00	26.83 1.25 0.00	26.59 1.28 0.00	25.76 1.17 0.00	21.50 1.14 0.00	21.57 1.41 0.00	23.70 1.43 0.00	25.51 1.54 0.00	23.54 1.36 0.00	23.70 1.37 0.00	19.52 1.08 0.00	17.44 1.10 0.00	18.12 1.28 0.00	21.81 1.58 0.00	25.05 1.90 0.00	32.15 2.55 0.00	33.82 2.78 0.00	26.98 2.09 0.00	28.44 2.01 0.00	22.33 1.58 0.00	20.59 1.43 0.00	19.11 1.17 0.00
PROJECT___ORANGE 1 24174	35.79 -0.24 0.00	31.17 -0.25 0.00	26.20 -0.21 0.00	30.20 -0.24 0.00	25.36 -0.22 0.00	25.08 -0.22 0.00	24.35 -0.25 0.00	20.16 -0.21 0.00	20.07 -0.09 0.00	22.19 -0.09 0.00	23.93 -0.05 0.00	22.10 -0.09 0.00	22.21 -0.12 0.00	18.31 -0.13 0.00	16.19 -0.15 0.00	16.66 -0.18 0.00	20.07 -0.15 0.00	23.02 -0.12 0.00	29.41 -0.19 0.00	30.86 -0.18 0.00	24.74 -0.15 0.00	26.21 -0.21 0.00	20.64 -0.12 0.00	19.06 -0.10 0.00	17.91 -0.04 0.00

PROJECT___ORANGE 2 24166	35.79 -0.24 0.00	31.17 -0.25 0.00	26.20 -0.21 0.00	30.20 -0.24 0.00	25.36 -0.22 0.00	25.08 -0.22 0.00	24.35 -0.25 0.00	20.16 -0.21 0.00	20.07 -0.09 0.00	22.19 -0.09 0.00	23.93 -0.05 0.00	22.10 -0.09 0.00	22.21 -0.12 0.00	18.31 -0.13 0.00	16.19 -0.15 0.00	16.66 -0.18 0.00	20.07 -0.15 0.00	23.02 -0.12 0.00	29.41 -0.19 0.00	30.86 -0.18 0.00	24.74 -0.15 0.00	26.21 -0.21 0.00	20.64 -0.12 0.00	19.06 -0.10 0.00	17.91 -0.04 0.00
PUCKETT___SOLAR 323809	37.00 0.96 0.00	32.21 0.80 0.00	27.07 0.66 0.00	31.21 0.77 0.00	26.18 0.60 0.00	25.87 0.56 0.00	25.08 0.49 0.00	20.79 0.43 0.00	20.80 0.65 0.00	23.03 0.75 0.00	24.90 0.92 0.00	22.95 0.77 0.00	23.09 0.76 0.00	18.97 0.53 0.00	16.65 0.30 0.00	17.11 0.27 0.00	20.72 0.50 0.00	23.85 0.71 0.00	30.62 1.03 0.00	32.21 1.17 0.00	25.83 0.93 0.00	27.31 0.88 0.00	21.39 0.64 0.00	19.80 0.63 0.00	18.55 0.61 0.00
PYRITES___HYD 24023	37.21 1.18 0.00	32.34 0.93 0.00	27.19 0.78 0.00	31.39 0.95 0.00	26.42 0.84 0.00	26.13 0.82 0.00	25.45 0.86 0.00	21.02 0.65 0.00	20.51 0.35 0.00	22.68 0.40 0.00	24.39 0.41 0.00	22.67 0.49 0.00	22.95 0.63 0.00	18.90 0.46 0.00	16.71 0.37 0.00	17.23 0.39 0.00	20.64 0.42 0.00	23.65 0.50 0.00	30.12 0.52 0.00	31.49 0.45 0.00	25.33 0.44 0.00	26.94 0.51 0.00	21.35 0.59 0.00	19.70 0.54 0.00	18.43 0.49 0.00
QUAKERRD_115KV_BK1 80622	35.02 -1.01 0.00	30.47 -0.95 0.00	25.69 -0.73 0.00	29.59 -0.84 0.00	24.84 -0.74 0.00	24.54 -0.76 0.00	23.81 -0.78 0.00	19.70 -0.67 0.00	19.62 -0.54 0.00	21.77 -0.50 0.00	23.51 -0.46 0.00	21.67 -0.52 0.00	21.79 -0.54 0.00	17.95 -0.49 0.00	15.84 -0.50 0.00	16.25 -0.59 0.00	19.62 -0.60 0.00	22.55 -0.60 0.00	28.79 -0.81 0.00	30.20 -0.84 0.00	24.20 -0.70 0.00	25.60 -0.83 0.00	20.08 -0.67 0.00	18.59 -0.57 0.00	17.56 -0.38 0.00
QUENSBRY_115KV_TB8 356137	37.82 1.78 0.00	32.92 1.50 0.00	27.72 1.31 0.00	32.05 1.62 0.00	26.78 1.21 0.00	26.48 1.18 0.00	25.89 1.30 0.00	21.55 1.19 0.00	21.58 1.43 0.00	23.84 1.57 0.00	25.66 1.69 0.00	23.55 1.36 0.00	23.65 1.32 0.00	19.50 1.06 0.00	17.17 0.83 0.00	17.82 0.98 0.00	21.75 1.52 0.00	24.72 1.58 0.00	31.76 2.17 0.00	33.23 2.19 0.00	26.30 1.40 0.00	27.81 1.38 0.00	21.75 1.00 0.00	20.17 1.01 0.00	18.89 0.95 0.00
RAMAPO___LBMP 323565	36.95 0.91 0.00	32.31 0.90 0.00	27.11 0.70 0.00	31.12 0.69 0.00	26.12 0.54 0.00	25.89 0.58 0.00	25.16 0.57 0.00	20.94 0.58 0.00	20.95 0.79 0.00	23.08 0.81 0.00	24.91 0.94 0.00	22.97 0.79 0.00	23.08 0.75 0.00	19.09 0.65 0.00	16.99 0.65 0.00	17.54 0.69 0.00	21.16 0.93 0.00	24.27 1.13 0.00	31.08 1.48 0.00	32.73 1.69 0.00	26.22 1.32 0.00	27.76 1.33 0.00	21.69 0.94 0.00	19.98 0.81 0.00	18.54 0.59 0.00
RANKINE____ 23646	36.30 0.26 0.00	31.49 0.07 0.00	26.59 0.17 0.00	30.65 0.21 0.00	25.67 0.09 0.00	25.29 -0.01 0.00	24.43 -0.16 0.00	20.15 -0.22 0.00	20.19 0.03 0.00	22.49 0.21 0.00	24.37 0.40 0.00	22.49 0.30 0.00	22.67 0.34 0.00	18.64 0.20 0.00	16.40 0.06 0.00	16.74 -0.11 0.00	20.21 -0.02 0.00	23.12 -0.02 0.00	29.44 -0.16 0.00	30.98 -0.06 0.00	24.85 -0.05 0.00	26.22 -0.21 0.00	20.55 -0.20 0.00	19.15 -0.01 0.00	18.21 0.27 0.00
RAVENSWOOD_GT2_1 24244	37.04 1.00 0.00	32.38 0.96 0.00	27.18 0.77 0.00	31.19 0.75 0.00	26.17 0.59 0.00	25.93 0.62 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.07 0.91 0.00	23.23 0.95 0.00	25.07 1.09 0.00	23.13 0.95 0.00	23.25 0.92 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.95 1.91 0.00	26.38 1.49 0.00	27.95 1.52 0.00	21.85 1.10 0.00	20.12 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT2_2 24245	37.04 1.00 0.00	32.38 0.96 0.00	27.18 0.77 0.00	31.19 0.75 0.00	26.17 0.59 0.00	25.93 0.62 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.07 0.91 0.00	23.23 0.95 0.00	25.07 1.09 0.00	23.13 0.95 0.00	23.25 0.92 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.95 1.91 0.00	26.38 1.49 0.00	27.95 1.52 0.00	21.85 1.10 0.00	20.12 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT2_3 24246	37.05 1.01 0.00	32.38 0.97 0.00	27.18 0.77 0.00	31.19 0.76 0.00	26.17 0.59 0.00	25.93 0.62 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.07 0.92 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.26 0.93 0.00	19.26 0.82 0.00	17.16 0.82 0.00	17.72 0.88 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.96 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT2_4 24247	37.05 1.01 0.00	32.38 0.97 0.00	27.18 0.77 0.00	31.19 0.76 0.00	26.17 0.59 0.00	25.93 0.62 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.07 0.92 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.26 0.93 0.00	19.26 0.82 0.00	17.16 0.82 0.00	17.72 0.88 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.96 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT3_1 24248	37.04 1.00 0.00	32.38 0.96 0.00	27.18 0.77 0.00	31.19 0.75 0.00	26.17 0.59 0.00	25.93 0.62 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.07 0.91 0.00	23.23 0.95 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.72 0.88 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT3_2 24249	37.04 1.00 0.00	32.38 0.96 0.00	27.18 0.77 0.00	31.19 0.75 0.00	26.17 0.59 0.00	25.93 0.62 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.07 0.91 0.00	23.23 0.95 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.25 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.72 0.88 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT3_3 24250	37.09 1.05 0.00	32.43 1.01 0.00	27.21 0.80 0.00	31.23 0.80 0.00	26.20 0.62 0.00	25.97 0.66 0.00	25.26 0.67 0.00	21.08 0.71 0.00	21.10 0.94 0.00	23.27 0.99 0.00	25.10 1.13 0.00	23.17 0.99 0.00	23.29 0.96 0.00	19.28 0.84 0.00	17.18 0.84 0.00	17.75 0.91 0.00	21.39 1.17 0.00	24.54 1.40 0.00	31.38 1.79 0.00	33.00 1.96 0.00	26.42 1.53 0.00	27.99 1.56 0.00	21.89 1.14 0.00	20.15 0.99 0.00	18.67 0.73 0.00
RAVENSWOOD_GT3_4 24251	37.09 1.05 0.00	32.43 1.01 0.00	27.21 0.80 0.00	31.23 0.80 0.00	26.20 0.62 0.00	25.97 0.66 0.00	25.26 0.67 0.00	21.08 0.71 0.00	21.10 0.94 0.00	23.27 0.99 0.00	25.10 1.13 0.00	23.17 0.99 0.00	23.29 0.96 0.00	19.28 0.84 0.00	17.18 0.84 0.00	17.75 0.91 0.00	21.39 1.17 0.00	24.54 1.40 0.00	31.38 1.79 0.00	33.00 1.96 0.00	26.42 1.53 0.00	27.99 1.56 0.00	21.89 1.14 0.00	20.15 0.99 0.00	18.67 0.73 0.00

RAVENSWOOD_GT_1 23729	37.03 0.99 0.00	32.37 0.95 0.00	27.20 0.78 0.00	31.19 0.75 0.00	26.17 0.60 0.00	25.93 0.63 0.00	25.23 0.64 0.00	21.06 0.69 0.00	21.09 0.93 0.00	23.25 0.97 0.00	25.08 1.10 0.00	23.15 0.97 0.00	23.27 0.95 0.00	19.29 0.85 0.00	17.20 0.85 0.00	17.75 0.91 0.00	21.38 1.15 0.00	24.52 1.38 0.00	31.33 1.73 0.00	32.98 1.94 0.00	26.41 1.51 0.00	27.97 1.54 0.00	21.87 1.12 0.00	20.14 0.97 0.00	18.66 0.72 0.00
RAVENSWOOD_GT_10 24258	37.05 1.01 0.00	32.39 0.97 0.00	27.18 0.77 0.00	31.19 0.76 0.00	26.17 0.59 0.00	25.93 0.62 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.07 0.91 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.26 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.72 0.87 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.96 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT_11 24259	37.05 1.01 0.00	32.39 0.97 0.00	27.18 0.77 0.00	31.19 0.76 0.00	26.17 0.59 0.00	25.93 0.62 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.07 0.91 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.26 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.72 0.87 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.96 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT_4 24252	37.06 1.02 0.00	32.40 0.98 0.00	27.19 0.78 0.00	31.21 0.77 0.00	26.17 0.60 0.00	25.94 0.64 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.08 0.92 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.96 0.00	23.26 0.94 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.14 0.00	24.51 1.37 0.00	31.34 1.74 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.96 1.53 0.00	21.86 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT_5 24254	37.06 1.02 0.00	32.40 0.98 0.00	27.19 0.78 0.00	31.21 0.77 0.00	26.17 0.60 0.00	25.94 0.64 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.08 0.92 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.96 0.00	23.26 0.94 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.14 0.00	24.51 1.37 0.00	31.34 1.74 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.96 1.53 0.00	21.86 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT_6 24253	37.06 1.02 0.00	32.40 0.98 0.00	27.19 0.78 0.00	31.21 0.77 0.00	26.17 0.60 0.00	25.94 0.64 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.08 0.92 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.96 0.00	23.26 0.94 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.14 0.00	24.51 1.37 0.00	31.34 1.74 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.96 1.53 0.00	21.86 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT_7 24255	37.06 1.02 0.00	32.40 0.98 0.00	27.19 0.78 0.00	31.21 0.77 0.00	26.17 0.60 0.00	25.94 0.64 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.08 0.92 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.96 0.00	23.26 0.94 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.71 0.87 0.00	21.36 1.14 0.00	24.51 1.37 0.00	31.34 1.74 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.96 1.53 0.00	21.86 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.05 1.01 0.00	32.39 0.97 0.00	27.18 0.77 0.00	31.19 0.76 0.00	26.17 0.59 0.00	25.93 0.62 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.07 0.91 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.26 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.72 0.87 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.96 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD_GT_9 24257	37.05 1.01 0.00	32.39 0.97 0.00	27.18 0.77 0.00	31.19 0.76 0.00	26.17 0.59 0.00	25.93 0.62 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.07 0.91 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.26 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.72 0.87 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.96 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD___1 23533	37.00 0.97 0.00	32.35 0.93 0.00	27.18 0.76 0.00	31.19 0.75 0.00	26.16 0.58 0.00	25.92 0.61 0.00	25.22 0.63 0.00	21.04 0.68 0.00	21.08 0.92 0.00	23.24 0.96 0.00	25.07 1.09 0.00	23.14 0.96 0.00	23.26 0.93 0.00	19.27 0.83 0.00	17.18 0.84 0.00	17.74 0.90 0.00	21.37 1.14 0.00	24.50 1.36 0.00	31.31 1.71 0.00	32.96 1.92 0.00	26.39 1.49 0.00	27.95 1.53 0.00	21.86 1.10 0.00	20.13 0.97 0.00	18.65 0.71 0.00
RAVENSWOOD___2 23534	36.99 0.95 0.00	32.34 0.92 0.00	27.16 0.75 0.00	31.16 0.73 0.00	26.14 0.57 0.00	25.90 0.60 0.00	25.20 0.61 0.00	21.04 0.67 0.00	21.06 0.91 0.00	23.23 0.95 0.00	25.05 1.08 0.00	23.13 0.94 0.00	23.24 0.92 0.00	19.26 0.82 0.00	17.17 0.83 0.00	17.73 0.89 0.00	21.35 1.13 0.00	24.49 1.35 0.00	31.30 1.70 0.00	32.94 1.90 0.00	26.37 1.48 0.00	27.93 1.51 0.00	21.84 1.09 0.00	20.12 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD___3 23535	37.04 1.01 0.00	32.38 0.96 0.00	27.19 0.77 0.00	31.20 0.77 0.00	26.17 0.59 0.00	25.93 0.62 0.00	25.23 0.64 0.00	21.05 0.68 0.00	21.07 0.92 0.00	23.24 0.96 0.00	25.07 1.10 0.00	23.14 0.95 0.00	23.26 0.93 0.00	19.25 0.81 0.00	17.16 0.82 0.00	17.72 0.88 0.00	21.36 1.13 0.00	24.50 1.36 0.00	31.33 1.73 0.00	32.96 1.92 0.00	26.38 1.49 0.00	27.95 1.53 0.00	21.85 1.10 0.00	20.13 0.96 0.00	18.64 0.70 0.00
RAVENSWOOD___4 23820	36.99 0.95 0.00	32.34 0.92 0.00	27.16 0.75 0.00	31.16 0.73 0.00	26.14 0.57 0.00	25.90 0.60 0.00	25.20 0.61 0.00	21.04 0.67 0.00	21.06 0.91 0.00	23.23 0.95 0.00	25.05 1.08 0.00	23.13 0.94 0.00	23.24 0.92 0.00	19.26 0.82 0.00	17.17 0.83 0.00	17.73 0.89 0.00	21.35 1.13 0.00	24.49 1.35 0.00	31.30 1.70 0.00	32.94 1.90 0.00	26.37 1.48 0.00	27.93 1.51 0.00	21.84 1.09 0.00	20.12 0.96 0.00	18.64 0.70 0.00
RCPI_TRUST___DRP 24196	37.12 1.08 0.00	32.47 1.04 0.00	27.24 0.83 0.00	31.27 0.83 0.00	26.23 0.65 0.00	25.99 0.69 0.00	25.29 0.69 0.00	21.10 0.74 0.00	21.12 0.96 0.00	23.29 1.01 0.00	25.14 1.16 0.00	23.20 1.02 0.00	23.32 0.99 0.00	19.30 0.87 0.00	17.21 0.87 0.00	17.77 0.92 0.00	21.42 1.20 0.00	24.57 1.43 0.00	31.42 1.82 0.00	33.04 2.00 0.00	26.44 1.55 0.00	28.03 1.60 0.00	21.91 1.16 0.00	20.17 1.01 0.00	18.69 0.75 0.00
RED___ROCHESTER 323720	36.09 0.05 0.00	31.35 -0.07 0.00	26.43 0.02 0.00	30.41 -0.02 0.00	25.55 -0.03 0.00	25.22 -0.08 0.00	24.45 -0.14 0.00	20.21 -0.15 0.00	20.16 0.00 0.00	22.42 0.15 0.00	24.23 0.25 0.00	22.33 0.14 0.00	22.47 0.14 0.00	18.50 0.06 0.00	16.31 -0.03 0.00	16.71 -0.13 0.00	20.19 -0.04 0.00	23.19 0.05 0.00	29.62 0.02 0.00	31.09 0.05 0.00	24.90 0.01 0.00	26.32 -0.11 0.00	20.64 -0.12 0.00	19.13 -0.04 0.00	18.12 0.18 0.00

REGAN___SOLAR 323812	38.13 2.10 0.00	33.13 1.71 0.00	27.70 1.29 0.00	31.99 1.56 0.00	26.86 1.29 0.00	26.58 1.27 0.00	25.82 1.23 0.00	21.47 1.11 0.00	21.42 1.26 0.00	23.68 1.40 0.00	25.40 1.43 0.00	22.56 0.38 0.00	23.26 0.93 0.00	19.08 0.64 0.00	16.20 -0.14 0.00	16.60 -0.24 0.00	21.16 0.93 0.00	25.16 2.02 0.00	31.96 2.37 0.00	33.53 2.49 0.00	26.78 1.88 0.00	28.34 1.91 0.00	22.19 1.44 0.00	20.38 1.21 0.00	18.98 1.03 0.00
RENSSELAER___COGEN 23796	36.16 0.13 0.00	31.59 0.17 0.00	26.56 0.14 0.00	30.63 0.19 0.00	25.68 0.10 0.00	25.42 0.11 0.00	24.74 0.15 0.00	20.51 0.14 0.00	20.43 0.27 0.00	22.52 0.24 0.00	24.11 0.13 0.00	22.14 -0.04 0.00	22.26 -0.07 0.00	18.41 -0.03 0.00	16.38 0.04 0.00	16.95 0.11 0.00	20.51 0.29 0.00	23.52 0.38 0.00	30.14 0.53 0.00	31.55 0.51 0.00	25.20 0.30 0.00	26.73 0.30 0.00	20.90 0.15 0.00	19.26 0.09 0.00	17.95 0.01 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.25 3.22 0.00	34.03 2.61 0.00	28.66 2.24 0.00	33.34 2.90 0.00	27.74 2.16 0.00	27.37 2.07 0.00	26.90 2.31 0.00	22.51 2.15 0.00	22.78 2.62 0.00	25.23 2.96 0.00	27.18 3.21 0.00	24.62 2.43 0.00	24.79 2.46 0.00	20.29 1.85 0.00	17.89 1.55 0.00	18.70 1.86 0.00	23.09 2.87 0.00	26.18 3.04 0.00	33.60 4.00 0.00	35.15 4.11 0.00	27.50 2.61 0.00	29.04 2.61 0.00	22.76 2.00 0.00	21.04 1.87 0.00	19.57 1.62 0.00
REVERE_CPPR_DRP 24186	37.08 1.04 0.00	32.32 0.91 0.00	27.17 0.76 0.00	31.28 0.85 0.00	26.30 0.73 0.00	26.03 0.73 0.00	25.30 0.71 0.00	20.98 0.61 0.00	20.87 0.71 0.00	23.07 0.79 0.00	24.85 0.87 0.00	22.84 0.65 0.00	22.85 0.52 0.00	18.78 0.34 0.00	16.57 0.23 0.00	17.07 0.23 0.00	20.69 0.47 0.00	23.98 0.83 0.00	30.82 1.22 0.00	32.33 1.29 0.00	25.91 1.01 0.00	27.41 0.98 0.00	21.52 0.77 0.00	19.84 0.67 0.00	18.56 0.62 0.00
REYNOLDS_115KV_TB3 80639	36.26 0.23 0.00	31.69 0.27 0.00	26.65 0.24 0.00	30.73 0.30 0.00	25.77 0.19 0.00	25.50 0.20 0.00	24.83 0.24 0.00	20.58 0.21 0.00	20.50 0.34 0.00	22.60 0.33 0.00	24.24 0.26 0.00	22.26 0.08 0.00	22.39 0.07 0.00	18.52 0.09 0.00	16.48 0.14 0.00	17.06 0.21 0.00	20.65 0.42 0.00	23.67 0.53 0.00	30.32 0.72 0.00	31.73 0.69 0.00	25.33 0.43 0.00	26.88 0.45 0.00	21.02 0.26 0.00	19.38 0.22 0.00	18.07 0.12 0.00
RIVERBAY____ 323610	36.89 0.85 0.00	32.27 0.85 0.00	27.17 0.76 0.00	31.22 0.78 0.00	26.23 0.65 0.00	26.02 0.72 0.00	25.33 0.74 0.00	21.14 0.77 0.00	21.20 1.04 0.00	23.37 1.10 0.00	25.04 1.07 0.00	23.08 0.90 0.00	23.20 0.87 0.00	19.24 0.81 0.00	17.20 0.86 0.00	17.76 0.92 0.00	21.41 1.19 0.00	24.55 1.40 0.00	31.22 1.62 0.00	32.87 1.83 0.00	26.31 1.42 0.00	27.86 1.44 0.00	21.81 1.05 0.00	20.09 0.92 0.00	18.68 0.74 0.00
RIVERSDE_115KV_TB3 55908	36.25 0.21 0.00	31.66 0.24 0.00	26.62 0.20 0.00	30.69 0.26 0.00	25.74 0.16 0.00	25.48 0.17 0.00	24.81 0.21 0.00	20.56 0.19 0.00	20.49 0.33 0.00	22.58 0.31 0.00	24.19 0.21 0.00	22.22 0.03 0.00	22.35 0.02 0.00	18.49 0.05 0.00	16.44 0.10 0.00	17.01 0.17 0.00	20.60 0.37 0.00	23.62 0.48 0.00	30.25 0.66 0.00	31.67 0.63 0.00	25.28 0.39 0.00	26.83 0.39 0.00	20.98 0.22 0.00	19.33 0.17 0.00	18.02 0.08 0.00
ROARING___BROOK_WT_PWR 323790	36.03 -0.01 0.00	31.42 0.00 0.00	26.42 0.01 0.00	30.43 -0.01 0.00	25.62 0.05 0.00	25.35 0.05 0.00	24.67 0.08 0.00	20.41 0.04 0.00	20.10 -0.06 0.00	22.21 -0.07 0.00	23.91 -0.06 0.00	22.12 -0.06 0.00	22.19 -0.13 0.00	18.37 -0.07 0.00	16.27 -0.07 0.00	16.78 -0.06 0.00	20.11 -0.12 0.00	23.00 -0.14 0.00	29.43 -0.17 0.00	30.80 -0.24 0.00	24.77 -0.13 0.00	26.34 -0.09 0.00	20.71 -0.04 0.00	19.14 -0.02 0.00	17.93 -0.02 0.00
ROCHESRG_115KV_T4 355643	35.78 -0.26 0.00	31.11 -0.32 0.00	26.24 -0.17 0.00	30.23 -0.21 0.00	25.36 -0.22 0.00	25.03 -0.27 0.00	24.26 -0.33 0.00	20.05 -0.32 0.00	19.99 -0.16 0.00	22.22 -0.05 0.00	24.01 0.04 0.00	22.14 -0.04 0.00	22.28 -0.05 0.00	18.34 -0.09 0.00	16.18 -0.16 0.00	16.57 -0.28 0.00	20.00 -0.22 0.00	22.95 -0.20 0.00	29.27 -0.33 0.00	30.73 -0.31 0.00	24.62 -0.27 0.00	26.04 -0.39 0.00	20.43 -0.33 0.00	18.95 -0.22 0.00	17.95 0.01 0.00
ROCHESTER_9_IC 23652	35.95 -0.08 0.00	31.24 -0.17 0.00	26.35 -0.06 0.00	30.36 -0.08 0.00	25.47 -0.11 0.00	25.14 -0.16 0.00	24.37 -0.22 0.00	20.14 -0.22 0.00	20.09 -0.07 0.00	22.33 0.06 0.00	24.13 0.16 0.00	22.25 0.06 0.00	22.38 0.05 0.00	18.43 -0.01 0.00	16.25 -0.09 0.00	16.65 -0.19 0.00	20.11 -0.12 0.00	23.08 -0.06 0.00	29.45 -0.15 0.00	30.92 -0.12 0.00	24.78 -0.12 0.00	26.19 -0.24 0.00	20.54 -0.21 0.00	19.05 -0.11 0.00	18.04 0.10 0.00
ROCKVIEW_13_KV_LD 356306	37.21 1.18 0.00	32.53 1.11 0.00	27.29 0.88 0.00	31.31 0.87 0.00	26.26 0.68 0.00	26.01 0.71 0.00	25.31 0.72 0.00	21.10 0.73 0.00	21.13 0.97 0.00	23.29 1.01 0.00	25.13 1.15 0.00	23.18 1.00 0.00	23.30 0.97 0.00	19.28 0.84 0.00	17.18 0.84 0.00	17.74 0.90 0.00	21.41 1.18 0.00	24.56 1.42 0.00	31.44 1.84 0.00	33.07 2.03 0.00	26.46 1.56 0.00	28.03 1.60 0.00	21.91 1.16 0.00	20.18 1.01 0.00	18.70 0.76 0.00
ROME____115KV_TB2 80656	37.08 1.04 0.00	32.32 0.91 0.00	27.17 0.76 0.00	31.28 0.85 0.00	26.30 0.73 0.00	26.03 0.73 0.00	25.30 0.71 0.00	20.98 0.61 0.00	20.87 0.71 0.00	23.07 0.79 0.00	24.85 0.87 0.00	22.84 0.65 0.00	22.85 0.52 0.00	18.78 0.34 0.00	16.57 0.23 0.00	17.07 0.23 0.00	20.69 0.47 0.00	23.98 0.83 0.00	30.82 1.22 0.00	32.33 1.29 0.00	25.91 1.01 0.00	27.41 0.98 0.00	21.52 0.77 0.00	19.84 0.67 0.00	18.56 0.62 0.00
ROSETON___1 23587	36.85 0.81 0.00	32.20 0.78 0.00	27.02 0.61 0.00	31.06 0.63 0.00	26.06 0.48 0.00	25.80 0.50 0.00	25.09 0.50 0.00	20.88 0.52 0.00	20.88 0.72 0.00	23.03 0.75 0.00	24.82 0.84 0.00	22.87 0.69 0.00	22.99 0.66 0.00	19.02 0.58 0.00	16.92 0.58 0.00	17.49 0.64 0.00	21.11 0.89 0.00	24.23 1.08 0.00	31.03 1.43 0.00	32.61 1.57 0.00	26.10 1.20 0.00	27.64 1.21 0.00	21.61 0.85 0.00	19.91 0.75 0.00	18.48 0.53 0.00
ROSETON___2 23588	36.85 0.81 0.00	32.20 0.78 0.00	27.02 0.61 0.00	31.06 0.63 0.00	26.06 0.48 0.00	25.80 0.50 0.00	25.09 0.50 0.00	20.88 0.52 0.00	20.88 0.72 0.00	23.03 0.75 0.00	24.82 0.84 0.00	22.87 0.69 0.00	22.99 0.66 0.00	19.02 0.58 0.00	16.92 0.58 0.00	17.49 0.64 0.00	21.11 0.89 0.00	24.23 1.08 0.00	31.03 1.43 0.00	32.61 1.57 0.00	26.10 1.20 0.00	27.64 1.21 0.00	21.61 0.85 0.00	19.91 0.75 0.00	18.48 0.53 0.00
ROTTDRAM_115KV_TB3 80664	36.78 0.75 0.00	32.10 0.69 0.00	27.00 0.59 0.00	31.10 0.66 0.00	26.10 0.53 0.00	25.83 0.53 0.00	25.13 0.54 0.00	20.84 0.47 0.00	20.78 0.62 0.00	22.94 0.66 0.00	24.68 0.70 0.00	22.73 0.54 0.00	22.82 0.50 0.00	18.87 0.43 0.00	16.73 0.39 0.00	17.29 0.45 0.00	20.92 0.69 0.00	24.00 0.85 0.00	30.75 1.15 0.00	32.22 1.18 0.00	25.75 0.85 0.00	27.29 0.86 0.00	21.36 0.61 0.00	19.71 0.54 0.00	18.38 0.44 0.00

RUSSELL___1 23602	36.09 0.05 0.00	31.35 -0.07 0.00	26.43 0.02 0.00	30.45 0.02 0.00	25.55 -0.03 0.00	25.22 -0.08 0.00	24.45 -0.14 0.00	20.21 -0.16 0.00	20.16 0.00 0.00	22.42 0.15 0.00	24.23 0.25 0.00	22.33 0.14 0.00	22.46 0.14 0.00	18.50 0.06 0.00	16.31 -0.03 0.00	16.71 -0.13 0.00	20.19 -0.04 0.00	23.19 0.04 0.00	29.61 0.01 0.00	31.09 0.05 0.00	24.91 0.01 0.00	26.32 -0.11 0.00	20.64 -0.12 0.00	19.13 -0.04 0.00	18.11 0.17 0.00
RUSSELL___2 23532	36.09 0.05 0.00	31.35 -0.07 0.00	26.43 0.02 0.00	30.45 0.02 0.00	25.55 -0.03 0.00	25.22 -0.08 0.00	24.45 -0.14 0.00	20.21 -0.16 0.00	20.16 0.00 0.00	22.42 0.15 0.00	24.23 0.25 0.00	22.33 0.14 0.00	22.46 0.14 0.00	18.50 0.06 0.00	16.31 -0.03 0.00	16.71 -0.13 0.00	20.19 -0.04 0.00	23.19 0.04 0.00	29.61 0.01 0.00	31.09 0.05 0.00	24.91 0.01 0.00	26.32 -0.11 0.00	20.64 -0.12 0.00	19.13 -0.04 0.00	18.11 0.17 0.00
RUSSELL___3 23549	36.09 0.05 0.00	31.35 -0.07 0.00	26.43 0.02 0.00	30.45 0.02 0.00	25.55 -0.03 0.00	25.22 -0.08 0.00	24.45 -0.14 0.00	20.21 -0.16 0.00	20.16 0.00 0.00	22.42 0.15 0.00	24.23 0.25 0.00	22.33 0.14 0.00	22.46 0.14 0.00	18.50 0.06 0.00	16.31 -0.03 0.00	16.71 -0.13 0.00	20.19 -0.04 0.00	23.19 0.04 0.00	29.61 0.01 0.00	31.09 0.05 0.00	24.91 0.01 0.00	26.32 -0.11 0.00	20.64 -0.12 0.00	19.13 -0.04 0.00	18.11 0.17 0.00
RUSSELL___4 23556	36.09 0.05 0.00	31.35 -0.07 0.00	26.43 0.02 0.00	30.45 0.02 0.00	25.55 -0.03 0.00	25.22 -0.08 0.00	24.45 -0.14 0.00	20.21 -0.16 0.00	20.16 0.00 0.00	22.42 0.15 0.00	24.23 0.25 0.00	22.33 0.14 0.00	22.46 0.14 0.00	18.50 0.06 0.00	16.31 -0.03 0.00	16.71 -0.13 0.00	20.19 -0.04 0.00	23.19 0.04 0.00	29.61 0.01 0.00	31.09 0.05 0.00	24.91 0.01 0.00	26.32 -0.11 0.00	20.64 -0.12 0.00	19.13 -0.04 0.00	18.11 0.17 0.00
RUSSELL___STATION 23914	36.09 0.05 0.00	31.35 -0.07 0.00	26.43 0.02 0.00	30.45 0.02 0.00	25.55 -0.03 0.00	25.22 -0.08 0.00	24.45 -0.14 0.00	20.21 -0.16 0.00	20.16 0.00 0.00	22.42 0.15 0.00	24.23 0.25 0.00	22.33 0.14 0.00	22.46 0.14 0.00	18.50 0.06 0.00	16.31 -0.03 0.00	16.71 -0.13 0.00	20.19 -0.04 0.00	23.19 0.04 0.00	29.61 0.01 0.00	31.09 0.05 0.00	24.91 0.01 0.00	26.32 -0.11 0.00	20.64 -0.12 0.00	19.13 -0.04 0.00	18.11 0.17 0.00
S SALMON___HYD 24043	35.79 -0.25 0.00	31.14 -0.28 0.00	26.19 -0.22 0.00	30.18 -0.26 0.00	25.37 -0.20 0.00	25.09 -0.21 0.00	24.37 -0.22 0.00	20.21 -0.16 0.00	20.10 -0.06 0.00	22.12 -0.16 0.00	23.76 -0.22 0.00	21.82 -0.36 0.00	21.91 -0.42 0.00	18.07 -0.37 0.00	15.98 -0.36 0.00	16.40 -0.45 0.00	19.87 -0.35 0.00	22.98 -0.17 0.00	29.51 -0.09 0.00	30.95 -0.09 0.00	24.82 -0.08 0.00	26.23 -0.20 0.00	20.70 -0.06 0.00	19.12 -0.05 0.00	17.94 0.00 0.00
S.PERRY___115KV_TB1 80734	37.26 1.23 0.00	32.34 0.92 0.00	27.24 0.83 0.00	31.39 0.95 0.00	26.32 0.74 0.00	25.98 0.67 0.00	25.16 0.56 0.00	20.81 0.44 0.00	20.90 0.74 0.00	23.22 0.94 0.00	25.13 1.16 0.00	23.02 0.83 0.00	23.03 0.71 0.00	18.89 0.45 0.00	16.58 0.24 0.00	16.92 0.08 0.00	20.50 0.28 0.00	23.77 0.63 0.00	30.70 1.11 0.00	32.34 1.30 0.00	25.95 1.05 0.00	27.37 0.94 0.00	21.43 0.67 0.00	19.87 0.70 0.00	18.76 0.82 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.82 -0.21 0.00	31.10 -0.32 0.00	26.28 -0.13 0.00	30.28 -0.15 0.00	25.37 -0.20 0.00	25.00 -0.30 0.00	24.17 -0.42 0.00	19.92 -0.44 0.00	19.92 -0.24 0.00	22.20 -0.08 0.00	24.05 0.07 0.00	22.20 0.02 0.00	22.37 0.05 0.00	18.41 -0.03 0.00	16.21 -0.13 0.00	16.54 -0.31 0.00	19.95 -0.27 0.00	22.81 -0.33 0.00	29.00 -0.60 0.00	30.48 -0.56 0.00	24.45 -0.44 0.00	25.81 -0.62 0.00	20.25 -0.50 0.00	18.87 -0.29 0.00	17.99 0.04 0.00
SAWYER___23_KV_LOAD 55526	35.82 -0.21 0.00	31.10 -0.32 0.00	26.28 -0.13 0.00	30.28 -0.15 0.00	25.37 -0.20 0.00	25.00 -0.30 0.00	24.17 -0.42 0.00	19.92 -0.44 0.00	19.92 -0.24 0.00	22.20 -0.08 0.00	24.05 0.07 0.00	22.20 0.02 0.00	22.37 0.05 0.00	18.41 -0.03 0.00	16.21 -0.13 0.00	16.54 -0.31 0.00	19.95 -0.27 0.00	22.81 -0.33 0.00	29.00 -0.60 0.00	30.48 -0.56 0.00	24.45 -0.44 0.00	25.81 -0.62 0.00	20.25 -0.50 0.00	18.87 -0.29 0.00	17.99 0.04 0.00
SELKIRK___I 23801	36.50 0.46 0.00	31.88 0.46 0.00	26.82 0.41 0.00	30.92 0.49 0.00	25.96 0.38 0.00	25.69 0.38 0.00	24.99 0.40 0.00	20.70 0.33 0.00	20.62 0.46 0.00	22.72 0.45 0.00	24.36 0.39 0.00	22.41 0.22 0.00	22.51 0.19 0.00	18.60 0.16 0.00	16.55 0.21 0.00	17.11 0.27 0.00	20.70 0.47 0.00	23.75 0.61 0.00	30.43 0.83 0.00	31.85 0.81 0.00	25.46 0.56 0.00	26.99 0.56 0.00	21.13 0.37 0.00	19.48 0.31 0.00	18.15 0.21 0.00
SELKIRK___II 23799	36.31 0.27 0.00	31.71 0.29 0.00	26.67 0.25 0.00	30.73 0.30 0.00	25.79 0.21 0.00	25.52 0.22 0.00	24.83 0.24 0.00	20.58 0.21 0.00	20.51 0.35 0.00	22.61 0.33 0.00	24.25 0.27 0.00	22.30 0.12 0.00	22.42 0.09 0.00	18.54 0.10 0.00	16.49 0.15 0.00	17.05 0.21 0.00	20.61 0.39 0.00	23.65 0.50 0.00	30.28 0.69 0.00	31.73 0.69 0.00	25.36 0.46 0.00	26.89 0.46 0.00	21.04 0.29 0.00	19.40 0.23 0.00	18.07 0.13 0.00
SENECA OSWGO___HYD 24041	35.54 -0.49 0.00	30.95 -0.46 0.00	26.03 -0.39 0.00	29.98 -0.45 0.00	25.18 -0.39 0.00	24.91 -0.39 0.00	24.18 -0.41 0.00	20.02 -0.35 0.00	19.91 -0.25 0.00	22.00 -0.27 0.00	23.73 -0.25 0.00	21.91 -0.28 0.00	22.02 -0.30 0.00	18.16 -0.28 0.00	16.08 -0.26 0.00	16.53 -0.31 0.00	19.92 -0.30 0.00	22.87 -0.27 0.00	29.26 -0.34 0.00	30.69 -0.35 0.00	24.59 -0.31 0.00	26.06 -0.37 0.00	20.46 -0.29 0.00	18.92 -0.25 0.00	17.77 -0.17 0.00
SENECA___115KV_TB3 355854	36.35 0.31 0.00	31.54 0.12 0.00	26.63 0.21 0.00	30.68 0.25 0.00	25.69 0.11 0.00	25.33 0.02 0.00	24.48 -0.12 0.00	20.18 -0.19 0.00	20.22 0.06 0.00	22.53 0.25 0.00	24.41 0.43 0.00	22.52 0.33 0.00	22.70 0.37 0.00	18.66 0.22 0.00	16.42 0.08 0.00	16.76 -0.08 0.00	20.24 0.01 0.00	23.16 0.02 0.00	29.49 -0.11 0.00	31.03 -0.01 0.00	24.89 -0.01 0.00	26.26 -0.17 0.00	20.58 -0.17 0.00	19.18 0.02 0.00	18.24 0.30 0.00
SENECA___ENERGY 23797	35.85 -0.19 0.00	31.14 -0.28 0.00	26.24 -0.17 0.00	30.22 -0.22 0.00	25.40 -0.18 0.00	25.13 -0.18 0.00	24.36 -0.23 0.00	20.18 -0.19 0.00	20.15 0.00 0.00	22.32 0.05 0.00	24.09 0.12 0.00	22.25 0.06 0.00	22.34 0.01 0.00	18.39 -0.05 0.00	16.19 -0.14 0.00	16.62 -0.22 0.00	20.10 -0.13 0.00	23.17 0.02 0.00	29.66 0.06 0.00	31.18 0.14 0.00	24.98 0.09 0.00	26.46 0.03 0.00	20.72 -0.04 0.00	19.16 -0.01 0.00	18.03 0.09 0.00
SHOEMAKER___GT 23640	36.79 0.75 0.00	32.14 0.72 0.00	26.98 0.56 0.00	31.01 0.58 0.00	26.03 0.45 0.00	25.77 0.47 0.00	25.06 0.46 0.00	20.83 0.47 0.00	20.81 0.65 0.00	22.95 0.67 0.00	24.72 0.74 0.00	22.78 0.60 0.00	22.87 0.54 0.00	18.90 0.47 0.00	16.81 0.47 0.00	17.39 0.55 0.00	21.00 0.77 0.00	24.10 0.96 0.00	30.87 1.27 0.00	32.46 1.42 0.00	25.99 1.10 0.00	27.52 1.09 0.00	21.52 0.77 0.00	19.84 0.68 0.00	18.44 0.50 0.00

SHOEMAKR_138KV_BK 111 55601	36.78 0.74 0.00	32.14 0.72 0.00	26.97 0.56 0.00	31.00 0.56 0.00	26.02 0.44 0.00	25.77 0.47 0.00	25.05 0.46 0.00	20.82 0.46 0.00	20.81 0.65 0.00	22.95 0.67 0.00	24.73 0.75 0.00	22.79 0.61 0.00	22.88 0.55 0.00	18.92 0.48 0.00	16.83 0.49 0.00	17.40 0.55 0.00	21.00 0.77 0.00	24.10 0.95 0.00	30.86 1.26 0.00	32.46 1.42 0.00	25.99 1.09 0.00	27.52 1.09 0.00	21.52 0.77 0.00	19.84 0.67 0.00	18.43 0.49 0.00
SHOREHAM_IC_1 23715	37.97 1.93 0.00	33.33 1.91 0.00	27.95 1.54 0.00	32.01 1.58 0.00	26.83 1.25 0.00	26.59 1.28 0.00	25.76 1.17 0.00	21.50 1.14 0.00	21.57 1.41 0.00	23.70 1.43 0.00	25.51 1.54 0.00	23.54 1.36 0.00	23.70 1.37 0.00	19.52 1.08 0.00	17.44 1.10 0.00	18.12 1.28 0.00	21.81 1.58 0.00	25.05 1.90 0.00	32.15 2.55 0.00	33.82 2.78 0.00	26.98 2.09 0.00	28.44 2.01 0.00	22.33 1.58 0.00	20.59 1.43 0.00	19.11 1.17 0.00
SHOREHAM_IC_2 23716	37.97 1.93 0.00	33.33 1.91 0.00	27.95 1.54 0.00	32.01 1.58 0.00	26.83 1.25 0.00	26.59 1.28 0.00	25.76 1.17 0.00	21.50 1.14 0.00	21.57 1.41 0.00	23.70 1.43 0.00	25.51 1.54 0.00	23.54 1.36 0.00	23.70 1.37 0.00	19.52 1.08 0.00	17.44 1.10 0.00	18.12 1.28 0.00	21.81 1.58 0.00	25.05 1.90 0.00	32.15 2.55 0.00	33.82 2.78 0.00	26.98 2.09 0.00	28.44 2.01 0.00	22.33 1.58 0.00	20.59 1.43 0.00	19.11 1.17 0.00
SISSONVILLE____ 23735	36.68 0.64 0.00	31.85 0.43 0.00	26.82 0.41 0.00	30.95 0.52 0.00	26.05 0.48 0.00	25.77 0.46 0.00	25.09 0.50 0.00	20.68 0.32 0.00	20.16 0.00 0.00	22.28 0.01 0.00	23.97 -0.01 0.00	22.37 0.19 0.00	22.61 0.28 0.00	18.64 0.20 0.00	16.49 0.15 0.00	16.98 0.14 0.00	20.36 0.13 0.00	23.23 0.09 0.00	29.49 -0.10 0.00	30.85 -0.19 0.00	24.82 -0.07 0.00	26.41 -0.02 0.00	21.00 0.25 0.00	19.43 0.26 0.00	18.19 0.24 0.00
SITHE_IND_GS1 24169	35.18 -0.86 0.00	30.64 -0.78 0.00	25.77 -0.64 0.00	29.69 -0.74 0.00	24.94 -0.63 0.00	24.67 -0.63 0.00	23.95 -0.64 0.00	19.82 -0.54 0.00	19.68 -0.48 0.00	21.76 -0.52 0.00	23.44 -0.54 0.00	21.66 -0.53 0.00	21.78 -0.55 0.00	17.97 -0.47 0.00	15.90 -0.44 0.00	16.36 -0.48 0.00	19.68 -0.55 0.00	22.55 -0.60 0.00	28.82 -0.78 0.00	30.23 -0.81 0.00	24.24 -0.66 0.00	25.69 -0.74 0.00	20.20 -0.55 0.00	18.68 -0.49 0.00	17.57 -0.37 0.00
SITHE_IND_GS2 24170	35.18 -0.86 0.00	30.64 -0.78 0.00	25.77 -0.64 0.00	29.69 -0.74 0.00	24.94 -0.63 0.00	24.67 -0.63 0.00	23.95 -0.64 0.00	19.82 -0.54 0.00	19.68 -0.48 0.00	21.76 -0.52 0.00	23.44 -0.54 0.00	21.66 -0.53 0.00	21.78 -0.55 0.00	17.97 -0.47 0.00	15.90 -0.44 0.00	16.36 -0.48 0.00	19.68 -0.55 0.00	22.55 -0.60 0.00	28.82 -0.78 0.00	30.23 -0.81 0.00	24.24 -0.66 0.00	25.69 -0.74 0.00	20.20 -0.55 0.00	18.68 -0.49 0.00	17.57 -0.37 0.00
SITHE_IND_GS3 24171	35.18 -0.86 0.00	30.64 -0.78 0.00	25.77 -0.64 0.00	29.69 -0.74 0.00	24.94 -0.63 0.00	24.67 -0.63 0.00	23.95 -0.64 0.00	19.82 -0.54 0.00	19.68 -0.48 0.00	21.76 -0.52 0.00	23.44 -0.54 0.00	21.66 -0.53 0.00	21.78 -0.55 0.00	17.97 -0.47 0.00	15.90 -0.44 0.00	16.36 -0.48 0.00	19.68 -0.55 0.00	22.55 -0.60 0.00	28.82 -0.78 0.00	30.23 -0.81 0.00	24.24 -0.66 0.00	25.69 -0.74 0.00	20.20 -0.55 0.00	18.68 -0.49 0.00	17.57 -0.37 0.00
SITHE_IND_GS4 24172	35.18 -0.86 0.00	30.64 -0.78 0.00	25.77 -0.64 0.00	29.69 -0.74 0.00	24.94 -0.63 0.00	24.67 -0.63 0.00	23.95 -0.64 0.00	19.82 -0.54 0.00	19.68 -0.48 0.00	21.76 -0.52 0.00	23.44 -0.54 0.00	21.66 -0.53 0.00	21.78 -0.55 0.00	17.97 -0.47 0.00	15.90 -0.44 0.00	16.36 -0.48 0.00	19.68 -0.55 0.00	22.55 -0.60 0.00	28.82 -0.78 0.00	30.23 -0.81 0.00	24.24 -0.66 0.00	25.69 -0.74 0.00	20.20 -0.55 0.00	18.68 -0.49 0.00	17.57 -0.37 0.00
SITHE____BATAVIA 24024	36.40 0.36 0.00	31.59 0.17 0.00	26.67 0.25 0.00	30.68 0.24 0.00	25.77 0.19 0.00	25.42 0.12 0.00	24.63 0.04 0.00	20.34 -0.03 0.00	20.31 0.15 0.00	22.62 0.34 0.00	24.43 0.46 0.00	22.45 0.26 0.00	22.52 0.19 0.00	18.51 0.07 0.00	16.34 0.00 0.00	16.67 -0.18 0.00	20.20 -0.03 0.00	23.31 0.17 0.00	29.80 0.20 0.00	31.29 0.25 0.00	25.08 0.18 0.00	26.45 0.02 0.00	20.73 -0.02 0.00	19.28 0.11 0.00	18.34 0.40 0.00
SITHE____INDEPEND 23800	35.18 -0.86 0.00	30.64 -0.78 0.00	25.77 -0.65 0.00	29.70 -0.73 0.00	24.94 -0.63 0.00	24.67 -0.63 0.00	23.95 -0.64 0.00	19.82 -0.54 0.00	19.68 -0.48 0.00	21.76 -0.52 0.00	23.44 -0.54 0.00	21.66 -0.53 0.00	21.78 -0.55 0.00	17.97 -0.47 0.00	15.90 -0.44 0.00	16.36 -0.48 0.00	19.68 -0.55 0.00	22.54 -0.60 0.00	28.82 -0.78 0.00	30.23 -0.81 0.00	24.24 -0.66 0.00	25.69 -0.74 0.00	20.20 -0.55 0.00	18.68 -0.49 0.00	17.57 -0.37 0.00
SITHE____MASSENA 23902	36.59 0.55 0.00	31.86 0.44 0.00	26.77 0.36 0.00	30.89 0.46 0.00	25.99 0.41 0.00	25.70 0.40 0.00	25.01 0.42 0.00	20.68 0.31 0.00	20.26 0.10 0.00	22.40 0.13 0.00	24.10 0.12 0.00	22.43 0.24 0.00	22.62 0.29 0.00	18.67 0.24 0.00	16.53 0.19 0.00	17.04 0.19 0.00	20.36 0.14 0.00	23.22 0.08 0.00	29.63 0.03 0.00	31.00 -0.04 0.00	24.94 0.04 0.00	26.56 0.13 0.00	20.94 0.19 0.00	19.34 0.18 0.00	18.13 0.18 0.00
SITHE____OGDNSBRG 24021	37.14 1.11 0.00	32.31 0.89 0.00	27.16 0.74 0.00	31.33 0.90 0.00	26.37 0.79 0.00	26.08 0.78 0.00	25.40 0.81 0.00	21.00 0.63 0.00	20.51 0.35 0.00	22.67 0.39 0.00	24.38 0.41 0.00	22.63 0.44 0.00	22.90 0.58 0.00	18.86 0.42 0.00	16.68 0.34 0.00	17.20 0.36 0.00	20.58 0.35 0.00	23.60 0.46 0.00	30.10 0.50 0.00	31.48 0.44 0.00	25.33 0.43 0.00	26.95 0.53 0.00	21.30 0.54 0.00	19.66 0.49 0.00	18.40 0.45 0.00
SITHE____STERLING 23777	36.84 0.80 0.00	32.15 0.73 0.00	27.02 0.61 0.00	31.12 0.68 0.00	26.16 0.58 0.00	25.88 0.58 0.00	25.15 0.56 0.00	20.85 0.48 0.00	20.75 0.59 0.00	22.94 0.66 0.00	24.72 0.74 0.00	22.77 0.58 0.00	22.82 0.49 0.00	18.75 0.31 0.00	16.54 0.20 0.00	17.03 0.19 0.00	20.59 0.37 0.00	23.80 0.66 0.00	30.57 0.97 0.00	32.07 1.03 0.00	25.70 0.80 0.00	27.21 0.78 0.00	21.35 0.60 0.00	19.69 0.53 0.00	18.43 0.49 0.00
SLEIGHT__34_KV_TB1 80719	35.71 -0.33 0.00	31.02 -0.40 0.00	26.13 -0.29 0.00	30.13 -0.31 0.00	25.27 -0.31 0.00	24.99 -0.31 0.00	24.26 -0.33 0.00	20.09 -0.28 0.00	20.01 -0.15 0.00	22.21 -0.07 0.00	23.97 0.00 0.00	22.11 -0.07 0.00	22.22 -0.11 0.00	18.29 -0.14 0.00	16.12 -0.22 0.00	16.56 -0.29 0.00	20.02 -0.21 0.00	23.04 -0.10 0.00	29.48 -0.12 0.00	30.91 -0.13 0.00	24.77 -0.13 0.00	26.20 -0.23 0.00	20.53 -0.23 0.00	18.98 -0.18 0.00	17.92 -0.03 0.00
SOUTH CAIRO____GT 23612	37.48 1.45 0.00	32.67 1.26 0.00	27.49 1.08 0.00	31.71 1.28 0.00	26.59 1.01 0.00	26.33 1.03 0.00	25.65 1.06 0.00	21.29 0.92 0.00	21.25 1.09 0.00	23.33 1.06 0.00	24.89 0.91 0.00	22.90 0.72 0.00	22.89 0.56 0.00	18.84 0.40 0.00	16.95 0.61 0.00	17.51 0.67 0.00	21.16 0.93 0.00	24.48 1.33 0.00	31.58 1.98 0.00	33.03 1.99 0.00	26.33 1.44 0.00	27.86 1.42 0.00	21.74 0.99 0.00	19.98 0.82 0.00	18.62 0.68 0.00

SOUTH HAMPTN___IC 23720	38.46 2.42 0.00	33.75 2.33 0.00	28.32 1.90 0.00	32.43 1.99 0.00	27.18 1.60 0.00	26.93 1.63 0.00	26.12 1.53 0.00	21.81 1.44 0.00	21.89 1.73 0.00	24.05 1.77 0.00	25.89 1.91 0.00	23.88 1.69 0.00	24.03 1.70 0.00	19.78 1.34 0.00	17.68 1.33 0.00	18.38 1.53 0.00	22.14 1.91 0.00	25.45 2.31 0.00	32.70 3.11 0.00	34.39 3.35 0.00	27.42 2.53 0.00	28.89 2.46 0.00	22.65 1.90 0.00	20.88 1.71 0.00	19.37 1.43 0.00
SOUTHDOW_115KV_TB1 355954	37.94 1.90 0.00	32.87 1.45 0.00	27.67 1.26 0.00	31.92 1.49 0.00	26.70 1.12 0.00	26.32 1.02 0.00	25.38 0.79 0.00	20.91 0.54 0.00	21.09 0.93 0.00	23.53 1.26 0.00	25.55 1.57 0.00	23.57 1.38 0.00	23.76 1.43 0.00	19.49 1.06 0.00	17.11 0.77 0.00	17.46 0.62 0.00	21.11 0.89 0.00	24.23 1.08 0.00	30.98 1.38 0.00	32.74 1.69 0.00	26.25 1.36 0.00	27.66 1.23 0.00	21.61 0.85 0.00	20.12 0.95 0.00	18.99 1.05 0.00
SOUTHOLD_69_KV_BK 2 55809	38.85 2.81 0.00	34.08 2.66 0.00	28.60 2.19 0.00	32.73 2.29 0.00	27.44 1.86 0.00	27.19 1.88 0.00	26.38 1.79 0.00	22.03 1.66 0.00	22.12 1.97 0.00	24.32 2.04 0.00	26.18 2.20 0.00	24.12 1.93 0.00	24.27 1.94 0.00	19.98 1.54 0.00	17.86 1.52 0.00	18.56 1.72 0.00	22.39 2.16 0.00	25.76 2.61 0.00	33.13 3.53 0.00	34.83 3.79 0.00	27.76 2.86 0.00	29.23 2.80 0.00	22.89 2.14 0.00	21.08 1.92 0.00	19.57 1.63 0.00
SOUTHOLD___IC 23719	38.85 2.81 0.00	34.08 2.66 0.00	28.60 2.19 0.00	32.73 2.30 0.00	27.44 1.86 0.00	27.19 1.88 0.00	26.38 1.79 0.00	22.03 1.66 0.00	22.12 1.96 0.00	24.32 2.04 0.00	26.18 2.20 0.00	24.12 1.93 0.00	24.26 1.94 0.00	19.97 1.53 0.00	17.85 1.51 0.00	18.56 1.72 0.00	22.39 2.16 0.00	25.75 2.61 0.00	33.12 3.53 0.00	34.83 3.79 0.00	27.76 2.86 0.00	29.23 2.80 0.00	22.90 2.14 0.00	21.09 1.93 0.00	19.57 1.62 0.00
SOUTH_FORK_WT_PWR 323839	38.95 2.91 0.00	34.16 2.74 0.00	28.67 2.26 0.00	32.81 2.37 0.00	27.51 1.93 0.00	27.25 1.95 0.00	26.44 1.85 0.00	22.09 1.72 0.00	22.18 2.02 0.00	24.38 2.10 0.00	26.24 2.27 0.00	24.18 1.99 0.00	24.32 1.99 0.00	20.02 1.58 0.00	17.89 1.55 0.00	18.61 1.76 0.00	22.44 2.21 0.00	25.82 2.68 0.00	33.22 3.62 0.00	34.92 3.88 0.00	27.83 2.93 0.00	29.31 2.88 0.00	22.96 2.20 0.00	21.13 1.97 0.00	19.61 1.67 0.00
SPIERFLS_115KV_TB 1 80737	37.58 1.54 0.00	32.74 1.33 0.00	27.57 1.15 0.00	31.83 1.40 0.00	26.64 1.06 0.00	26.34 1.04 0.00	25.72 1.13 0.00	21.39 1.02 0.00	21.36 1.20 0.00	23.59 1.31 0.00	25.39 1.42 0.00	23.37 1.18 0.00	23.47 1.14 0.00	19.37 0.93 0.00	17.04 0.70 0.00	17.67 0.83 0.00	21.50 1.27 0.00	24.43 1.29 0.00	31.37 1.77 0.00	32.82 1.78 0.00	26.05 1.15 0.00	27.55 1.13 0.00	21.55 0.79 0.00	20.01 0.84 0.00	18.78 0.84 0.00
ST LAWRENCE___ 23600	36.15 0.11 0.00	31.49 0.07 0.00	26.45 0.04 0.00	30.52 0.08 0.00	25.68 0.10 0.00	25.39 0.09 0.00	24.71 0.12 0.00	20.44 0.07 0.00	20.04 -0.12 0.00	22.16 -0.11 0.00	23.84 -0.13 0.00	22.18 0.00 0.00	22.35 0.02 0.00	18.46 0.02 0.00	16.35 0.01 0.00	16.85 0.01 0.00	20.13 -0.10 0.00	22.94 -0.21 0.00	29.29 -0.30 0.00	30.66 -0.38 0.00	24.66 -0.23 0.00	26.28 -0.15 0.00	20.69 -0.07 0.00	19.11 -0.06 0.00	17.90 -0.04 0.00
STATE_CA_115KV_115_LB 55624	36.33 0.30 0.00	31.73 0.31 0.00	26.68 0.26 0.00	30.75 0.32 0.00	25.80 0.22 0.00	25.54 0.23 0.00	24.86 0.27 0.00	20.61 0.25 0.00	20.54 0.38 0.00	22.64 0.37 0.00	24.25 0.27 0.00	22.28 0.09 0.00	22.40 0.07 0.00	18.52 0.08 0.00	16.48 0.13 0.00	17.05 0.20 0.00	20.64 0.42 0.00	23.67 0.53 0.00	30.32 0.72 0.00	31.75 0.71 0.00	25.35 0.45 0.00	26.88 0.45 0.00	21.02 0.27 0.00	19.37 0.20 0.00	18.05 0.10 0.00
STATE_ST_34_KV_LOAD 55959	36.38 0.34 0.00	31.53 0.11 0.00	26.55 0.14 0.00	30.67 0.24 0.00	25.68 0.11 0.00	25.43 0.12 0.00	24.72 0.13 0.00	20.50 0.13 0.00	20.34 0.19 0.00	22.58 0.30 0.00	24.29 0.31 0.00	22.48 0.29 0.00	22.58 0.25 0.00	18.63 0.19 0.00	16.36 0.02 0.00	16.82 -0.02 0.00	20.35 0.13 0.00	23.46 0.31 0.00	30.05 0.45 0.00	31.49 0.45 0.00	25.26 0.37 0.00	26.76 0.33 0.00	20.91 0.16 0.00	19.33 0.16 0.00	18.22 0.28 0.00
STATION 5_MISC_HYD 23604	35.95 -0.08 0.00	31.25 -0.17 0.00	26.35 -0.06 0.00	30.32 -0.11 0.00	25.47 -0.11 0.00	25.14 -0.16 0.00	24.37 -0.22 0.00	20.14 -0.22 0.00	20.09 -0.07 0.00	22.33 0.06 0.00	24.13 0.16 0.00	22.25 0.06 0.00	22.38 0.05 0.00	18.44 0.00 0.00	16.25 -0.09 0.00	16.65 -0.19 0.00	20.11 -0.12 0.00	23.08 -0.06 0.00	29.46 -0.14 0.00	30.93 -0.11 0.00	24.78 -0.12 0.00	26.19 -0.24 0.00	20.54 -0.22 0.00	19.05 -0.12 0.00	18.05 0.10 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.12 0.08 0.00	31.40 -0.02 0.00	26.45 0.04 0.00	30.46 0.03 0.00	25.59 0.01 0.00	25.27 -0.03 0.00	24.53 -0.06 0.00	20.30 -0.07 0.00	20.27 0.11 0.00	22.49 0.22 0.00	24.30 0.33 0.00	22.40 0.22 0.00	22.51 0.18 0.00	18.51 0.08 0.00	16.32 -0.02 0.00	16.75 -0.09 0.00	20.25 0.03 0.00	23.32 0.18 0.00	29.83 0.23 0.00	31.32 0.28 0.00	25.09 0.19 0.00	26.54 0.11 0.00	20.79 0.04 0.00	19.24 0.07 0.00	18.14 0.20 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.73 -0.31 0.00	31.05 -0.37 0.00	26.19 -0.23 0.00	30.16 -0.27 0.00	25.31 -0.27 0.00	24.99 -0.31 0.00	24.23 -0.36 0.00	20.04 -0.33 0.00	19.98 -0.18 0.00	22.20 -0.07 0.00	23.99 0.01 0.00	22.11 -0.07 0.00	22.24 -0.08 0.00	18.32 -0.12 0.00	16.16 -0.18 0.00	16.57 -0.28 0.00	20.00 -0.22 0.00	22.97 -0.17 0.00	29.33 -0.27 0.00	30.79 -0.25 0.00	24.66 -0.23 0.00	26.08 -0.35 0.00	20.45 -0.30 0.00	18.95 -0.22 0.00	17.92 -0.02 0.00
STA_56___34_KV_BUS2 355983	35.73 -0.31 0.00	31.05 -0.37 0.00	26.19 -0.23 0.00	30.16 -0.27 0.00	25.31 -0.27 0.00	24.99 -0.31 0.00	24.23 -0.36 0.00	20.04 -0.33 0.00	19.98 -0.18 0.00	22.20 -0.07 0.00	23.99 0.01 0.00	22.11 -0.07 0.00	22.24 -0.08 0.00	18.32 -0.12 0.00	16.16 -0.18 0.00	16.57 -0.28 0.00	20.00 -0.22 0.00	22.97 -0.17 0.00	29.33 -0.27 0.00	30.79 -0.25 0.00	24.66 -0.23 0.00	26.08 -0.35 0.00	20.45 -0.30 0.00	18.95 -0.22 0.00	17.92 -0.02 0.00
STA_67___115KV_BK2 355882	35.89 -0.15 0.00	31.19 -0.23 0.00	26.31 -0.10 0.00	30.31 -0.12 0.00	25.43 -0.15 0.00	25.11 -0.20 0.00	24.33 -0.26 0.00	20.11 -0.26 0.00	20.06 -0.10 0.00	22.30 0.02 0.00	24.09 0.11 0.00	22.21 0.02 0.00	22.34 0.01 0.00	18.40 -0.04 0.00	16.22 -0.12 0.00	16.62 -0.23 0.00	20.07 -0.16 0.00	23.03 -0.11 0.00	29.39 -0.21 0.00	30.85 -0.19 0.00	24.72 -0.18 0.00	26.14 -0.29 0.00	20.50 -0.25 0.00	19.01 -0.15 0.00	18.00 0.06 0.00
STA_7___115KV_9TRANS 80674	36.09 0.05 0.00	31.35 -0.07 0.00	26.43 0.02 0.00	30.45 0.02 0.00	25.55 -0.03 0.00	25.22 -0.08 0.00	24.45 -0.14 0.00	20.21 -0.16 0.00	20.16 0.00 0.00	22.42 0.15 0.00	24.23 0.25 0.00	22.33 0.14 0.00	22.46 0.14 0.00	18.50 0.06 0.00	16.31 -0.03 0.00	16.71 -0.13 0.00	20.19 -0.04 0.00	23.19 0.04 0.00	29.61 0.01 0.00	31.09 0.05 0.00	24.91 0.01 0.00	26.32 -0.11 0.00	20.64 -0.12 0.00	19.13 -0.04 0.00	18.11 0.17 0.00

STA_82___115KV_TB1 80780	35.90 -0.13 0.00	31.21 -0.21 0.00	26.32 -0.09 0.00	30.32 -0.11 0.00	25.44 -0.14 0.00	25.11 -0.19 0.00	24.34 -0.25 0.00	20.12 -0.25 0.00	20.07 -0.09 0.00	22.31 0.03 0.00	24.11 0.13 0.00	22.22 0.03 0.00	22.35 0.02 0.00	18.40 -0.04 0.00	16.23 -0.11 0.00	16.62 -0.22 0.00	20.07 -0.15 0.00	23.04 -0.10 0.00	29.41 -0.19 0.00	30.87 -0.17 0.00	24.74 -0.16 0.00	26.15 -0.28 0.00	20.51 -0.24 0.00	19.02 -0.15 0.00	18.02 0.08 0.00
STEEL___WIND 323596	36.33 0.29 0.00	31.53 0.11 0.00	26.61 0.19 0.00	30.62 0.18 0.00	25.68 0.11 0.00	25.32 0.01 0.00	24.45 -0.14 0.00	20.17 -0.20 0.00	20.21 0.05 0.00	22.51 0.24 0.00	24.39 0.42 0.00	22.50 0.31 0.00	22.68 0.35 0.00	18.65 0.21 0.00	16.40 0.06 0.00	16.75 -0.10 0.00	20.23 0.00 0.00	23.14 0.00 0.00	29.47 -0.14 0.00	31.01 -0.03 0.00	24.87 -0.03 0.00	26.24 -0.19 0.00	20.57 -0.19 0.00	19.17 0.00 0.00	18.24 0.29 0.00
STEPHTWN_115KV_BK_2 55603	36.53 0.49 0.00	31.89 0.47 0.00	26.75 0.34 0.00	30.87 0.43 0.00	25.85 0.27 0.00	25.61 0.30 0.00	24.95 0.36 0.00	20.72 0.35 0.00	20.70 0.54 0.00	22.79 0.51 0.00	24.40 0.43 0.00	22.37 0.18 0.00	22.48 0.15 0.00	18.60 0.16 0.00	16.55 0.21 0.00	17.16 0.32 0.00	20.81 0.59 0.00	23.86 0.72 0.00	30.58 0.98 0.00	31.99 0.95 0.00	25.57 0.67 0.00	27.12 0.69 0.00	21.16 0.40 0.00	19.50 0.34 0.00	18.13 0.19 0.00
STEUBEN_REC_LFGE 323667	37.12 1.09 0.00	32.23 0.81 0.00	27.15 0.74 0.00	31.25 0.81 0.00	26.23 0.65 0.00	25.85 0.54 0.00	24.93 0.34 0.00	20.55 0.18 0.00	20.74 0.58 0.00	23.03 0.75 0.00	24.97 0.99 0.00	23.03 0.84 0.00	23.15 0.83 0.00	19.04 0.60 0.00	16.64 0.30 0.00	16.98 0.14 0.00	20.56 0.33 0.00	23.77 0.63 0.00	30.35 0.75 0.00	31.98 0.94 0.00	25.65 0.75 0.00	27.06 0.63 0.00	21.25 0.49 0.00	19.78 0.61 0.00	18.68 0.73 0.00
STILLWATER___SOLAR 323814	37.21 1.18 0.00	32.45 1.03 0.00	27.30 0.89 0.00	31.48 1.05 0.00	26.38 0.80 0.00	26.10 0.79 0.00	25.44 0.85 0.00	21.12 0.75 0.00	21.08 0.93 0.00	23.28 1.00 0.00	25.03 1.06 0.00	23.02 0.84 0.00	23.11 0.78 0.00	19.09 0.65 0.00	16.91 0.57 0.00	17.50 0.66 0.00	21.26 1.03 0.00	24.33 1.19 0.00	31.21 1.61 0.00	32.67 1.63 0.00	26.02 1.13 0.00	27.56 1.13 0.00	21.55 0.80 0.00	19.91 0.74 0.00	18.59 0.64 0.00
STONY___BROOK 24151	37.75 1.72 0.00	33.15 1.73 0.00	27.80 1.39 0.00	31.86 1.43 0.00	26.69 1.12 0.00	26.46 1.15 0.00	25.69 1.10 0.00	21.45 1.08 0.00	21.51 1.36 0.00	23.65 1.38 0.00	25.45 1.47 0.00	23.54 1.36 0.00	23.69 1.36 0.00	19.51 1.07 0.00	17.43 1.09 0.00	18.09 1.25 0.00	21.79 1.56 0.00	25.04 1.90 0.00	32.14 2.54 0.00	33.80 2.76 0.00	26.99 2.09 0.00	28.44 2.01 0.00	22.28 1.53 0.00	20.54 1.37 0.00	19.07 1.12 0.00
STURGEON_POOL_HYD 23609	36.96 0.93 0.00	32.31 0.89 0.00	27.09 0.68 0.00	31.10 0.67 0.00	26.11 0.53 0.00	25.86 0.56 0.00	25.15 0.56 0.00	20.93 0.57 0.00	20.96 0.80 0.00	23.12 0.85 0.00	24.94 0.97 0.00	22.99 0.81 0.00	23.11 0.78 0.00	19.12 0.69 0.00	17.03 0.69 0.00	17.62 0.78 0.00	21.27 1.04 0.00	24.40 1.26 0.00	31.25 1.65 0.00	32.88 1.84 0.00	26.33 1.44 0.00	27.87 1.44 0.00	21.78 1.03 0.00	20.06 0.89 0.00	18.58 0.64 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.89 0.86 0.00	32.25 0.83 0.00	27.06 0.65 0.00	31.08 0.65 0.00	26.09 0.51 0.00	25.84 0.54 0.00	25.12 0.53 0.00	20.91 0.54 0.00	20.90 0.74 0.00	23.04 0.76 0.00	24.85 0.87 0.00	22.91 0.73 0.00	23.01 0.69 0.00	19.03 0.59 0.00	16.94 0.60 0.00	17.49 0.65 0.00	21.11 0.88 0.00	24.22 1.07 0.00	31.02 1.42 0.00	32.65 1.61 0.00	26.14 1.25 0.00	27.68 1.25 0.00	21.63 0.88 0.00	19.93 0.77 0.00	18.51 0.56 0.00
SWANROAD_115KV_TB1 355699	35.04 -1.00 0.00	30.43 -0.99 0.00	25.75 -0.66 0.00	29.67 -0.76 0.00	24.88 -0.70 0.00	24.54 -0.77 0.00	23.72 -0.87 0.00	19.53 -0.84 0.00	19.45 -0.71 0.00	21.70 -0.58 0.00	23.49 -0.49 0.00	21.68 -0.50 0.00	21.85 -0.48 0.00	17.99 -0.45 0.00	15.86 -0.48 0.00	16.16 -0.68 0.00	19.49 -0.74 0.00	22.29 -0.86 0.00	28.29 -1.31 0.00	29.69 -1.35 0.00	23.83 -1.07 0.00	25.15 -1.27 0.00	19.77 -0.98 0.00	18.44 -0.72 0.00	17.63 -0.31 0.00
SYNERGY___BIOGAS 323694	36.40 0.36 0.00	31.59 0.17 0.00	26.67 0.25 0.00	30.68 0.24 0.00	25.77 0.19 0.00	25.42 0.12 0.00	24.63 0.04 0.00	20.34 -0.03 0.00	20.31 0.15 0.00	22.62 0.34 0.00	24.43 0.46 0.00	22.45 0.26 0.00	22.52 0.19 0.00	18.51 0.07 0.00	16.34 0.00 0.00	16.67 -0.18 0.00	20.20 -0.03 0.00	23.31 0.17 0.00	29.80 0.20 0.00	31.29 0.25 0.00	25.08 0.18 0.00	26.45 0.02 0.00	20.73 -0.02 0.00	19.28 0.11 0.00	18.34 0.40 0.00
SYRACUSE___ENERGY_ST1 323597	35.97 -0.06 0.00	31.30 -0.12 0.00	26.32 -0.09 0.00	30.34 -0.09 0.00	25.47 -0.10 0.00	25.20 -0.10 0.00	24.48 -0.11 0.00	20.27 -0.09 0.00	20.17 0.01 0.00	22.30 0.03 0.00	24.05 0.08 0.00	22.22 0.03 0.00	22.33 0.00 0.00	18.41 -0.03 0.00	16.26 -0.08 0.00	16.74 -0.11 0.00	20.18 -0.05 0.00	23.18 0.03 0.00	29.66 0.06 0.00	31.11 0.07 0.00	24.94 0.04 0.00	26.42 -0.01 0.00	20.75 -0.01 0.00	19.16 0.00 0.00	18.01 0.07 0.00
SYRACUSE___ENERGY_ST2 323598	35.97 -0.06 0.00	31.30 -0.12 0.00	26.32 -0.09 0.00	30.34 -0.09 0.00	25.47 -0.10 0.00	25.20 -0.10 0.00	24.48 -0.11 0.00	20.27 -0.09 0.00	20.17 0.01 0.00	22.30 0.03 0.00	24.05 0.08 0.00	22.22 0.03 0.00	22.33 0.00 0.00	18.41 -0.03 0.00	16.26 -0.08 0.00	16.74 -0.11 0.00	20.18 -0.05 0.00	23.18 0.03 0.00	29.66 0.06 0.00	31.11 0.07 0.00	24.94 0.04 0.00	26.42 -0.01 0.00	20.75 -0.01 0.00	19.16 0.00 0.00	18.01 0.07 0.00
SYRACUSE___POWER 24017	35.97 -0.06 0.00	31.32 -0.10 0.00	26.33 -0.08 0.00	30.34 -0.09 0.00	25.48 -0.09 0.00	25.20 -0.10 0.00	24.46 -0.13 0.00	20.26 -0.10 0.00	20.18 0.02 0.00	22.31 0.03 0.00	24.07 0.09 0.00	22.23 0.04 0.00	22.34 0.01 0.00	18.40 -0.04 0.00	16.26 -0.08 0.00	16.74 -0.10 0.00	20.18 -0.05 0.00	23.16 0.01 0.00	29.62 0.03 0.00	31.10 0.06 0.00	24.92 0.02 0.00	26.41 -0.02 0.00	20.77 0.01 0.00	19.18 0.01 0.00	18.00 0.06 0.00
TALLMAN___138KV_BK151 55660	37.05 1.01 0.00	32.40 0.98 0.00	27.18 0.77 0.00	31.19 0.75 0.00	26.18 0.60 0.00	25.94 0.64 0.00	25.22 0.63 0.00	21.00 0.63 0.00	21.00 0.84 0.00	23.15 0.87 0.00	24.99 1.01 0.00	23.04 0.86 0.00	23.15 0.82 0.00	19.15 0.71 0.00	17.04 0.71 0.00	17.59 0.74 0.00	21.22 0.99 0.00	24.34 1.20 0.00	31.17 1.57 0.00	32.83 1.79 0.00	26.30 1.41 0.00	27.84 1.41 0.00	21.76 1.00 0.00	20.04 0.87 0.00	18.59 0.64 0.00
TEALLAVE_115KV_TB7 355573	35.77 -0.27 0.00	31.14 -0.28 0.00	26.19 -0.22 0.00	30.19 -0.24 0.00	25.34 -0.23 0.00	25.08 -0.23 0.00	24.34 -0.26 0.00	20.15 -0.22 0.00	20.06 -0.10 0.00	22.18 -0.10 0.00	23.91 -0.06 0.00	22.08 -0.10 0.00	22.19 -0.13 0.00	18.29 -0.15 0.00	16.18 -0.16 0.00	16.64 -0.20 0.00	20.06 -0.17 0.00	23.00 -0.15 0.00	29.39 -0.21 0.00	30.85 -0.19 0.00	24.72 -0.17 0.00	26.20 -0.23 0.00	20.63 -0.13 0.00	19.05 -0.11 0.00	17.89 -0.05 0.00

TELGRAPH_34_KV_EAST 80808	35.83 -0.21 0.00	31.09 -0.33 0.00	26.28 -0.13 0.00	30.28 -0.15 0.00	25.38 -0.19 0.00	25.04 -0.27 0.00	24.22 -0.37 0.00	19.98 -0.39 0.00	19.93 -0.22 0.00	22.22 -0.06 0.00	24.03 0.06 0.00	22.15 -0.04 0.00	22.29 -0.04 0.00	18.34 -0.10 0.00	16.19 -0.15 0.00	16.49 -0.35 0.00	19.93 -0.30 0.00	22.87 -0.27 0.00	29.10 -0.49 0.00	30.57 -0.48 0.00	24.51 -0.38 0.00	25.86 -0.57 0.00	20.29 -0.46 0.00	18.90 -0.26 0.00	18.02 0.08 0.00
TEMPLE___115KV_TB 2 55572	35.79 -0.24 0.00	31.17 -0.25 0.00	26.20 -0.21 0.00	30.20 -0.24 0.00	25.36 -0.22 0.00	25.08 -0.22 0.00	24.35 -0.25 0.00	20.16 -0.21 0.00	20.07 -0.09 0.00	22.19 -0.09 0.00	23.93 -0.05 0.00	22.10 -0.09 0.00	22.21 -0.12 0.00	18.31 -0.13 0.00	16.19 -0.15 0.00	16.66 -0.18 0.00	20.07 -0.15 0.00	23.02 -0.12 0.00	29.41 -0.19 0.00	30.86 -0.18 0.00	24.74 -0.15 0.00	26.21 -0.21 0.00	20.64 -0.12 0.00	19.06 -0.10 0.00	17.91 -0.04 0.00
TIANA____69_KV_BK 1 55817	38.33 2.29 0.00	33.63 2.21 0.00	28.21 1.80 0.00	32.30 1.86 0.00	27.08 1.50 0.00	26.83 1.53 0.00	26.02 1.43 0.00	21.73 1.36 0.00	21.80 1.64 0.00	23.95 1.68 0.00	25.78 1.81 0.00	23.78 1.60 0.00	23.94 1.61 0.00	19.72 1.28 0.00	17.61 1.28 0.00	18.31 1.47 0.00	22.05 1.83 0.00	25.35 2.21 0.00	32.57 2.97 0.00	34.25 3.21 0.00	27.32 2.42 0.00	28.78 2.35 0.00	22.57 1.81 0.00	20.79 1.63 0.00	19.30 1.36 0.00
TILDEN___115KV_TB1 80814	35.97 -0.06 0.00	31.32 -0.10 0.00	26.33 -0.08 0.00	30.34 -0.09 0.00	25.48 -0.09 0.00	25.20 -0.10 0.00	24.46 -0.13 0.00	20.26 -0.10 0.00	20.18 0.02 0.00	22.31 0.03 0.00	24.07 0.09 0.00	22.23 0.04 0.00	22.34 0.01 0.00	18.40 -0.04 0.00	16.26 -0.08 0.00	16.74 -0.10 0.00	20.18 -0.05 0.00	23.16 0.01 0.00	29.62 0.03 0.00	31.10 0.06 0.00	24.92 0.02 0.00	26.41 -0.02 0.00	20.77 0.01 0.00	19.18 0.01 0.00	18.00 0.06 0.00
TRIGEN___CC 323695	37.38 1.35 0.00	32.80 1.38 0.00	27.50 1.09 0.00	31.55 1.11 0.00	26.45 0.87 0.00	26.22 0.91 0.00	25.49 0.89 0.00	21.25 0.88 0.00	21.29 1.13 0.00	23.41 1.14 0.00	25.25 1.28 0.00	23.34 1.16 0.00	23.48 1.15 0.00	19.37 0.93 0.00	17.27 0.93 0.00	17.87 1.03 0.00	21.55 1.32 0.00	24.73 1.58 0.00	31.69 2.09 0.00	33.33 2.29 0.00	26.65 1.75 0.00	28.15 1.72 0.00	22.03 1.27 0.00	20.31 1.15 0.00	18.86 0.92 0.00
TRINITY__115KV__ 4 BK 55933	36.19 0.15 0.00	31.61 0.19 0.00	26.58 0.16 0.00	30.64 0.20 0.00	25.70 0.12 0.00	25.44 0.13 0.00	24.76 0.17 0.00	20.53 0.16 0.00	20.45 0.29 0.00	22.54 0.27 0.00	24.14 0.16 0.00	22.16 -0.02 0.00	22.29 -0.04 0.00	18.44 0.00 0.00	16.40 0.06 0.00	16.97 0.13 0.00	20.54 0.32 0.00	23.56 0.41 0.00	30.17 0.57 0.00	31.59 0.55 0.00	25.22 0.32 0.00	26.75 0.32 0.00	20.92 0.17 0.00	19.28 0.12 0.00	17.97 0.03 0.00
UNION___PROCESSING_DRP 323587	35.91 -0.12 0.00	31.21 -0.21 0.00	26.33 -0.08 0.00	30.33 -0.10 0.00	25.44 -0.13 0.00	25.12 -0.19 0.00	24.35 -0.24 0.00	20.13 -0.24 0.00	20.07 -0.08 0.00	22.31 0.04 0.00	24.11 0.13 0.00	22.22 0.04 0.00	22.36 0.03 0.00	18.41 -0.03 0.00	16.24 -0.11 0.00	16.63 -0.22 0.00	20.08 -0.15 0.00	23.05 -0.09 0.00	29.42 -0.18 0.00	30.89 -0.15 0.00	24.75 -0.15 0.00	26.16 -0.27 0.00	20.52 -0.24 0.00	19.03 -0.14 0.00	18.02 0.08 0.00
UPPER HUDSON___HYD 24058	37.58 1.54 0.00	32.75 1.33 0.00	27.57 1.16 0.00	31.84 1.41 0.00	26.64 1.06 0.00	26.34 1.04 0.00	25.72 1.13 0.00	21.39 1.02 0.00	21.36 1.20 0.00	23.59 1.31 0.00	25.39 1.42 0.00	23.37 1.18 0.00	23.47 1.14 0.00	19.37 0.93 0.00	17.04 0.70 0.00	17.67 0.83 0.00	21.50 1.27 0.00	24.43 1.28 0.00	31.37 1.77 0.00	32.82 1.78 0.00	26.05 1.15 0.00	27.55 1.13 0.00	21.55 0.79 0.00	20.01 0.84 0.00	18.78 0.84 0.00
UPPER RAQUET___HYD 24056	36.68 0.65 0.00	31.85 0.43 0.00	26.82 0.41 0.00	30.96 0.52 0.00	26.05 0.48 0.00	25.76 0.46 0.00	25.09 0.50 0.00	20.68 0.32 0.00	20.16 0.00 0.00	22.28 0.01 0.00	23.97 -0.01 0.00	22.37 0.19 0.00	22.61 0.28 0.00	18.64 0.20 0.00	16.49 0.15 0.00	16.98 0.14 0.00	20.36 0.13 0.00	23.23 0.09 0.00	29.49 -0.10 0.00	30.85 -0.19 0.00	24.82 -0.07 0.00	26.41 -0.02 0.00	21.00 0.25 0.00	19.43 0.26 0.00	18.19 0.24 0.00
VALLEY44_115KV_TB2 355964	37.35 1.31 0.00	32.42 1.00 0.00	27.32 0.91 0.00	31.52 1.08 0.00	26.40 0.82 0.00	26.04 0.73 0.00	25.09 0.50 0.00	20.74 0.37 0.00	20.86 0.70 0.00	23.21 0.93 0.00	25.21 1.23 0.00	23.19 1.01 0.00	23.35 1.02 0.00	19.17 0.73 0.00	16.88 0.53 0.00	17.23 0.38 0.00	20.80 0.57 0.00	23.76 0.62 0.00	30.24 0.64 0.00	31.94 0.90 0.00	25.61 0.72 0.00	27.05 0.63 0.00	21.16 0.41 0.00	19.73 0.57 0.00	18.66 0.72 0.00
VALLEY___115KV_TB 1-4 80826	36.44 0.40 0.00	31.74 0.32 0.00	26.68 0.27 0.00	30.74 0.30 0.00	25.84 0.27 0.00	25.58 0.28 0.00	24.85 0.25 0.00	20.59 0.22 0.00	20.52 0.36 0.00	22.72 0.45 0.00	24.48 0.51 0.00	22.37 0.19 0.00	22.41 0.08 0.00	18.45 0.01 0.00	16.25 -0.09 0.00	16.74 -0.10 0.00	20.27 0.05 0.00	23.46 0.31 0.00	30.31 0.71 0.00	31.76 0.72 0.00	25.40 0.50 0.00	26.95 0.53 0.00	21.11 0.35 0.00	19.53 0.36 0.00	18.22 0.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E37.10 345011	32.36 1.06 0.00	27.21 0.95 0.00	31.33 0.80 0.00	26.34 0.90 0.00	26.08 0.77 0.00	25.29 0.70 0.00	20.98 0.61 0.00	20.94 0.78 0.00	23.15 0.87 0.00	24.98 1.00 0.00	23.06 0.88 0.00	23.18 0.85 0.00	19.09 0.65 0.00	16.90 0.56 0.00	17.41 0.57 0.00	21.00 0.78 0.00	24.11 0.97 0.00	30.89 1.30 0.00	32.47 1.43 0.00	26.05 1.15 0.00	27.56 1.14 0.00	21.60 0.85 0.00	19.93 0.76 0.00	18.60 0.66 0.00	
VISCHER___FERRY HYD 24020	36.60 0.56 0.00	31.95 0.53 0.00	26.88 0.47 0.00	31.01 0.57 0.00	25.96 0.38 0.00	25.69 0.39 0.00	25.03 0.44 0.00	20.75 0.38 0.00	20.69 0.54 0.00	22.84 0.56 0.00	24.54 0.56 0.00	22.54 0.36 0.00	22.66 0.33 0.00	18.74 0.30 0.00	16.63 0.29 0.00	17.22 0.38 0.00	20.88 0.66 0.00	23.93 0.79 0.00	30.67 1.07 0.00	32.10 1.06 0.00	25.60 0.71 0.00	27.15 0.72 0.00	21.24 0.49 0.00	19.59 0.42 0.00	18.27 0.33 0.00
V_A_10_SYNC_DSASP 323832	35.48 -0.56 0.00	30.84 -0.58 0.00	26.05 -0.36 0.00	29.98 -0.46 0.00	25.17 -0.41 0.00	24.83 -0.47 0.00	24.02 -0.57 0.00	19.81 -0.55 0.00	19.78 -0.38 0.00	22.02 -0.26 0.00	23.84 -0.14 0.00	22.00 -0.19 0.00	22.15 -0.18 0.00	18.24 -0.20 0.00	16.07 -0.27 0.00	16.41 -0.43 0.00	19.80 -0.43 0.00	22.63 -0.51 0.00	28.78 -0.82 0.00	30.23 -0.81 0.00	24.24 -0.66 0.00	25.62 -0.81 0.00	20.11 -0.64 0.00	18.71 -0.45 0.00	17.81 -0.14 0.00
V_CMM_10_SYNC_DSASP 323787	36.30 0.27 0.00	31.63 0.22 0.00	26.58 0.16 0.00	30.66 0.23 0.00	25.79 0.21 0.00	25.50 0.20 0.00	24.82 0.23 0.00	20.53 0.16 0.00	20.13 -0.03 0.00	22.26 -0.01 0.00	23.95 -0.03 0.00	22.29 0.10 0.00	22.46 0.13 0.00	18.55 0.11 0.00	16.42 0.08 0.00	16.92 0.08 0.00	20.22 -0.01 0.00	23.05 -0.10 0.00	29.43 -0.17 0.00	30.81 -0.23 0.00	24.79 -0.11 0.00	26.39 -0.04 0.00	20.78 0.03 0.00	19.20 0.03 0.00	17.99 0.04 0.00

V_CMP_10_SYNC_DSASP 323788	37.66 1.63 0.00	32.60 1.18 0.00	27.39 0.98 0.00	31.72 1.28 0.00	26.70 1.12 0.00	26.38 1.08 0.00	25.79 1.20 0.00	21.44 1.07 0.00	21.10 0.94 0.00	23.29 1.01 0.00	25.08 1.10 0.00	23.21 1.03 0.00	23.36 1.04 0.00	19.12 0.68 0.00	16.90 0.56 0.00	17.39 0.55 0.00	20.97 0.74 0.00	24.09 0.95 0.00	31.02 1.43 0.00	32.41 1.37 0.00	25.94 1.04 0.00	27.58 1.15 0.00	21.69 0.93 0.00	20.00 0.83 0.00	18.73 0.79 0.00
V_E_10_SYNC_DSASP 323830	38.86 2.82 0.00	33.87 2.45 0.00	28.45 2.04 0.00	32.79 2.36 0.00	27.54 1.96 0.00	27.22 1.92 0.00	26.42 1.83 0.00	21.98 1.61 0.00	21.97 1.81 0.00	24.37 2.09 0.00	26.29 2.32 0.00	24.25 2.07 0.00	24.35 2.03 0.00	19.87 1.44 0.00	17.20 0.85 0.00	17.71 0.87 0.00	21.57 1.34 0.00	25.09 1.95 0.00	32.51 2.91 0.00	34.04 3.00 0.00	27.36 2.46 0.00	28.95 2.52 0.00	22.67 1.92 0.00	20.92 1.75 0.00	19.61 1.66 0.00
V_F_30_NSYNC___DSASP 323816	37.27 1.23 0.00	32.50 1.08 0.00	27.34 0.93 0.00	31.54 1.10 0.00	26.42 0.84 0.00	26.14 0.84 0.00	25.48 0.89 0.00	21.15 0.78 0.00	21.12 0.96 0.00	23.32 1.04 0.00	25.08 1.10 0.00	23.06 0.88 0.00	23.14 0.82 0.00	19.13 0.69 0.00	16.94 0.60 0.00	17.53 0.69 0.00	21.28 1.06 0.00	24.37 1.23 0.00	31.26 1.66 0.00	32.71 1.67 0.00	26.07 1.18 0.00	27.61 1.19 0.00	21.58 0.83 0.00	19.94 0.77 0.00	18.62 0.68 0.00
V_F_30_SYNC_DSASP 323786	36.33 0.30 0.00	31.73 0.31 0.00	26.68 0.26 0.00	30.75 0.32 0.00	25.79 0.21 0.00	25.54 0.23 0.00	24.86 0.27 0.00	20.61 0.25 0.00	20.54 0.38 0.00	22.64 0.37 0.00	24.25 0.27 0.00	22.28 0.09 0.00	22.39 0.07 0.00	18.52 0.08 0.00	16.47 0.13 0.00	17.05 0.20 0.00	20.64 0.41 0.00	23.67 0.53 0.00	30.32 0.72 0.00	31.75 0.71 0.00	25.35 0.45 0.00	26.88 0.45 0.00	21.02 0.27 0.00	19.36 0.20 0.00	18.04 0.10 0.00
V_XM_10_SYNC_DSASP 323789	37.66 1.63 0.00	32.60 1.18 0.00	27.39 0.98 0.00	31.72 1.28 0.00	26.70 1.12 0.00	26.38 1.08 0.00	25.79 1.20 0.00	21.44 1.07 0.00	21.10 0.94 0.00	23.29 1.01 0.00	25.08 1.10 0.00	23.21 1.03 0.00	23.36 1.04 0.00	19.12 0.68 0.00	16.90 0.56 0.00	17.39 0.55 0.00	20.97 0.74 0.00	24.09 0.95 0.00	31.02 1.43 0.00	32.41 1.37 0.00	25.94 1.04 0.00	27.58 1.15 0.00	21.69 0.93 0.00	20.00 0.83 0.00	18.73 0.79 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.15 1.11 0.00	32.49 1.07 0.00	27.25 0.84 0.00	31.28 0.84 0.00	26.25 0.67 0.00	26.01 0.71 0.00	25.29 0.69 0.00	21.06 0.69 0.00	21.06 0.90 0.00	23.21 0.94 0.00	25.05 1.08 0.00	23.11 0.92 0.00	23.21 0.89 0.00	19.20 0.76 0.00	17.10 0.76 0.00	17.65 0.80 0.00	21.29 1.07 0.00	24.43 1.28 0.00	31.29 1.69 0.00	32.95 1.91 0.00	26.39 1.50 0.00	27.94 1.51 0.00	21.83 1.07 0.00	20.10 0.93 0.00	18.64 0.70 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.06 1.02 0.00	32.41 0.99 0.00	27.20 0.79 0.00	31.21 0.78 0.00	26.19 0.62 0.00	25.95 0.65 0.00	25.24 0.65 0.00	21.07 0.70 0.00	21.08 0.92 0.00	23.25 0.97 0.00	25.09 1.11 0.00	23.15 0.97 0.00	23.27 0.94 0.00	19.26 0.82 0.00	17.17 0.83 0.00	17.73 0.89 0.00	21.38 1.15 0.00	24.52 1.37 0.00	31.36 1.76 0.00	32.97 1.93 0.00	26.38 1.49 0.00	27.97 1.54 0.00	21.87 1.11 0.00	20.14 0.97 0.00	18.65 0.71 0.00
W50THST__13_KV_LOAD 356117	37.41 1.38 0.00	32.71 1.29 0.00	27.45 1.04 0.00	31.51 1.08 0.00	26.43 0.85 0.00	26.19 0.89 0.00	25.48 0.89 0.00	21.27 0.90 0.00	21.30 1.14 0.00	23.49 1.21 0.00	25.36 1.39 0.00	23.41 1.23 0.00	23.53 1.20 0.00	19.48 1.04 0.00	17.36 1.02 0.00	17.93 1.09 0.00	21.62 1.39 0.00	24.80 1.66 0.00	31.71 2.11 0.00	33.34 2.30 0.00	26.68 1.79 0.00	28.28 1.85 0.00	22.10 1.35 0.00	20.35 1.18 0.00	18.84 0.90 0.00
WADING RIVER_IC_1 23522	37.95 1.92 0.00	33.31 1.89 0.00	27.95 1.53 0.00	32.01 1.57 0.00	26.83 1.25 0.00	26.58 1.28 0.00	25.75 1.16 0.00	21.49 1.13 0.00	21.56 1.40 0.00	23.69 1.41 0.00	25.51 1.54 0.00	23.53 1.35 0.00	23.69 1.37 0.00	19.52 1.08 0.00	17.43 1.09 0.00	18.12 1.27 0.00	21.80 1.57 0.00	25.03 1.89 0.00	32.14 2.54 0.00	33.80 2.76 0.00	26.96 2.07 0.00	28.41 1.98 0.00	22.32 1.56 0.00	20.58 1.42 0.00	19.10 1.16 0.00
WADING RIVER_IC_2 23547	37.95 1.92 0.00	33.31 1.89 0.00	27.95 1.53 0.00	32.01 1.57 0.00	26.83 1.25 0.00	26.58 1.28 0.00	25.75 1.16 0.00	21.49 1.13 0.00	21.56 1.40 0.00	23.69 1.41 0.00	25.51 1.54 0.00	23.53 1.35 0.00	23.69 1.37 0.00	19.52 1.08 0.00	17.43 1.09 0.00	18.12 1.27 0.00	21.80 1.57 0.00	25.03 1.89 0.00	32.14 2.54 0.00	33.80 2.76 0.00	26.96 2.07 0.00	28.41 1.98 0.00	22.32 1.56 0.00	20.58 1.42 0.00	19.10 1.16 0.00
WADING RIVER_IC_3 23601	37.95 1.92 0.00	33.31 1.89 0.00	27.95 1.53 0.00	32.01 1.57 0.00	26.83 1.25 0.00	26.58 1.28 0.00	25.75 1.16 0.00	21.49 1.13 0.00	21.56 1.40 0.00	23.69 1.41 0.00	25.51 1.54 0.00	23.53 1.35 0.00	23.69 1.37 0.00	19.52 1.08 0.00	17.43 1.09 0.00	18.12 1.27 0.00	21.80 1.57 0.00	25.03 1.89 0.00	32.14 2.54 0.00	33.80 2.76 0.00	26.96 2.07 0.00	28.41 1.98 0.00	22.32 1.56 0.00	20.58 1.42 0.00	19.10 1.16 0.00
WALDENNY_12_KV_BK2 80841	36.27 0.23 0.00	31.46 0.04 0.00	26.57 0.16 0.00	30.62 0.19 0.00	25.64 0.07 0.00	25.28 -0.02 0.00	24.43 -0.16 0.00	20.15 -0.22 0.00	20.17 0.01 0.00	22.48 0.20 0.00	24.36 0.38 0.00	22.48 0.29 0.00	22.65 0.33 0.00	18.64 0.20 0.00	16.39 0.05 0.00	16.73 -0.11 0.00	20.21 -0.02 0.00	23.12 -0.02 0.00	29.44 -0.16 0.00	30.96 -0.08 0.00	24.83 -0.06 0.00	26.20 -0.24 0.00	20.54 -0.21 0.00	19.14 -0.03 0.00	18.22 0.28 0.00
WALDEN___HYDRO 24148	37.18 1.14 0.00	32.48 1.06 0.00	27.24 0.83 0.00	31.30 0.86 0.00	26.26 0.68 0.00	26.01 0.71 0.00	25.30 0.71 0.00	21.05 0.69 0.00	21.06 0.90 0.00	23.24 0.96 0.00	25.00 1.02 0.00	23.04 0.86 0.00	23.07 0.75 0.00	19.08 0.64 0.00	16.99 0.65 0.00	17.63 0.78 0.00	21.28 1.06 0.00	24.44 1.30 0.00	31.36 1.76 0.00	33.00 1.96 0.00	26.41 1.51 0.00	27.95 1.52 0.00	21.83 1.08 0.00	20.11 0.94 0.00	18.65 0.71 0.00
WARRENSBURG____ 23737	37.58 1.54 0.00	32.75 1.33 0.00	27.57 1.16 0.00	31.84 1.41 0.00	26.64 1.06 0.00	26.34 1.04 0.00	25.72 1.13 0.00	21.39 1.02 0.00	21.36 1.20 0.00	23.59 1.31 0.00	25.39 1.42 0.00	23.37 1.18 0.00	23.47 1.14 0.00	19.37 0.93 0.00	17.04 0.70 0.00	17.67 0.83 0.00	21.50 1.27 0.00	24.43 1.28 0.00	31.37 1.77 0.00	32.82 1.78 0.00	26.05 1.15 0.00	27.55 1.13 0.00	21.55 0.79 0.00	20.01 0.84 0.00	18.78 0.84 0.00
WATERSIDE___6 8 9 23538	36.99 0.95 0.00	32.34 0.92 0.00	27.16 0.75 0.00	31.15 0.72 0.00	26.15 0.57 0.00	25.90 0.60 0.00	25.20 0.61 0.00	21.04 0.67 0.00	21.06 0.91 0.00	23.22 0.95 0.00	25.05 1.08 0.00	23.12 0.94 0.00	23.24 0.92 0.00	19.26 0.82 0.00	17.17 0.83 0.00	17.73 0.89 0.00	21.35 1.13 0.00	24.49 1.35 0.00	31.30 1.70 0.00	32.94 1.90 0.00	26.37 1.48 0.00	27.93 1.51 0.00	21.84 1.09 0.00	20.12 0.95 0.00	18.64 0.70 0.00

WATKINRD_115KV_LN8_ILLION 55919	36.27 0.23 0.00	31.60 0.19 0.00	26.57 0.16 0.00	30.60 0.17 0.00	25.72 0.15 0.00	25.47 0.16 0.00	24.75 0.16 0.00	20.52 0.15 0.00	20.41 0.26 0.00	22.58 0.30 0.00	24.31 0.33 0.00	22.31 0.12 0.00	22.40 0.07 0.00	18.46 0.02 0.00	16.30 -0.04 0.00	16.80 -0.04 0.00	20.33 0.10 0.00	23.44 0.30 0.00	30.16 0.56 0.00	31.64 0.60 0.00	25.30 0.41 0.00	26.83 0.41 0.00	21.02 0.26 0.00	19.40 0.24 0.00	18.12 0.18 0.00
WATSON___69_KV_BK 1 55734	38.05 2.01 0.00	33.40 1.98 0.00	28.02 1.61 0.00	32.09 1.65 0.00	26.89 1.32 0.00	26.65 1.35 0.00	25.90 1.31 0.00	21.61 1.24 0.00	21.67 1.52 0.00	23.84 1.56 0.00	25.64 1.66 0.00	23.73 1.55 0.00	23.87 1.54 0.00	19.67 1.23 0.00	17.54 1.20 0.00	18.21 1.37 0.00	21.94 1.71 0.00	25.22 2.08 0.00	32.38 2.79 0.00	34.06 3.02 0.00	27.20 2.31 0.00	28.68 2.25 0.00	22.46 1.71 0.00	20.69 1.52 0.00	19.22 1.27 0.00
WDELAWARE___HYD 323627	37.12 1.08 0.00	32.41 1.00 0.00	27.18 0.77 0.00	31.22 0.78 0.00	26.20 0.62 0.00	25.95 0.65 0.00	25.24 0.64 0.00	21.01 0.64 0.00	21.03 0.87 0.00	23.22 0.94 0.00	24.97 0.99 0.00	22.93 0.75 0.00	23.04 0.71 0.00	19.02 0.59 0.00	16.99 0.65 0.00	17.58 0.74 0.00	21.27 1.05 0.00	24.44 1.30 0.00	31.36 1.76 0.00	33.01 1.97 0.00	26.44 1.54 0.00	27.96 1.53 0.00	21.84 1.08 0.00	20.10 0.94 0.00	18.64 0.70 0.00
WEST BABYLON___IC 23714	37.92 1.88 0.00	33.28 1.86 0.00	27.92 1.51 0.00	31.97 1.54 0.00	26.81 1.23 0.00	26.57 1.27 0.00	25.83 1.23 0.00	21.55 1.18 0.00	21.60 1.44 0.00	23.76 1.49 0.00	25.57 1.60 0.00	23.67 1.49 0.00	23.80 1.47 0.00	19.62 1.18 0.00	17.50 1.16 0.00	18.15 1.30 0.00	21.87 1.65 0.00	25.13 1.99 0.00	32.26 2.67 0.00	33.93 2.89 0.00	27.10 2.21 0.00	28.59 2.16 0.00	22.38 1.62 0.00	20.62 1.46 0.00	19.15 1.21 0.00
WEST CANADA___HYD 24049	36.07 0.03 0.00	31.45 0.03 0.00	26.43 0.02 0.00	30.46 0.02 0.00	25.60 0.03 0.00	25.33 0.03 0.00	24.62 0.03 0.00	20.39 0.02 0.00	20.22 0.06 0.00	22.34 0.07 0.00	24.04 0.07 0.00	22.20 0.01 0.00	22.33 0.00 0.00	18.44 0.00 0.00	16.34 -0.01 0.00	16.84 0.00 0.00	20.26 0.03 0.00	23.23 0.09 0.00	29.74 0.14 0.00	31.19 0.15 0.00	25.00 0.10 0.00	26.52 0.09 0.00	20.80 0.05 0.00	19.21 0.05 0.00	17.97 0.03 0.00
WESTERN_NY_WIND 24143	36.37 0.33 0.00	31.55 0.13 0.00	26.64 0.23 0.00	30.70 0.27 0.00	25.74 0.16 0.00	25.39 0.09 0.00	24.60 0.01 0.00	20.32 -0.05 0.00	20.29 0.13 0.00	22.60 0.32 0.00	24.40 0.43 0.00	22.42 0.24 0.00	22.49 0.16 0.00	18.49 0.05 0.00	16.33 -0.01 0.00	16.64 -0.20 0.00	20.17 -0.05 0.00	23.28 0.14 0.00	29.75 0.15 0.00	31.24 0.20 0.00	25.04 0.15 0.00	26.41 -0.02 0.00	20.70 -0.06 0.00	19.26 0.09 0.00	18.31 0.37 0.00
WESTOVER___LESR 323668	36.56 0.53 0.00	31.79 0.37 0.00	26.71 0.29 0.00	30.81 0.38 0.00	25.81 0.23 0.00	25.50 0.20 0.00	24.70 0.10 0.00	20.48 0.11 0.00	20.54 0.38 0.00	22.71 0.43 0.00	24.54 0.56 0.00	22.62 0.44 0.00	22.79 0.46 0.00	18.76 0.32 0.00	16.55 0.21 0.00	17.02 0.18 0.00	20.54 0.32 0.00	23.56 0.42 0.00	30.18 0.57 0.00	31.79 0.75 0.00	25.49 0.59 0.00	26.92 0.49 0.00	21.08 0.32 0.00	19.53 0.36 0.00	18.28 0.34 0.00
WETHRSFD_WT_PWR 323626	36.31 0.27 0.00	31.52 0.10 0.00	26.58 0.16 0.00	30.59 0.15 0.00	25.67 0.09 0.00	25.29 -0.01 0.00	24.42 -0.18 0.00	20.10 -0.27 0.00	20.21 0.06 0.00	22.47 0.19 0.00	24.37 0.40 0.00	22.48 0.30 0.00	22.64 0.31 0.00	18.62 0.19 0.00	16.34 0.00 0.00	16.70 -0.14 0.00	20.19 -0.04 0.00	23.15 0.01 0.00	29.53 -0.07 0.00	31.11 0.07 0.00	24.96 0.06 0.00	26.34 -0.09 0.00	20.65 -0.11 0.00	19.23 0.06 0.00	18.22 0.28 0.00
WHAVSTOR_138KV_BK127 55557	37.00 0.96 0.00	32.36 0.94 0.00	27.14 0.73 0.00	31.16 0.72 0.00	26.15 0.57 0.00	25.92 0.61 0.00	25.19 0.60 0.00	20.98 0.61 0.00	20.98 0.82 0.00	23.12 0.85 0.00	24.95 0.98 0.00	23.02 0.83 0.00	23.12 0.79 0.00	19.13 0.69 0.00	17.03 0.68 0.00	17.57 0.73 0.00	21.20 0.98 0.00	24.32 1.18 0.00	31.15 1.55 0.00	32.79 1.75 0.00	26.26 1.37 0.00	27.81 1.38 0.00	21.73 0.97 0.00	20.02 0.85 0.00	18.57 0.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.00 0.96 0.00	32.36 0.94 0.00	27.14 0.73 0.00	31.16 0.72 0.00	26.15 0.57 0.00	25.92 0.61 0.00	25.19 0.60 0.00	20.98 0.61 0.00	20.98 0.82 0.00	23.12 0.85 0.00	24.95 0.98 0.00	23.02 0.83 0.00	23.12 0.79 0.00	19.13 0.69 0.00	17.03 0.68 0.00	17.57 0.73 0.00	21.20 0.98 0.00	24.32 1.18 0.00	31.15 1.55 0.00	32.79 1.75 0.00	26.26 1.37 0.00	27.81 1.38 0.00	21.73 0.97 0.00	20.02 0.85 0.00	18.57 0.63 0.00
WHITEHAL_115KV_TB1 80871	38.15 2.11 0.00	33.08 1.67 0.00	27.88 1.46 0.00	32.43 1.99 0.00	26.96 1.39 0.00	26.60 1.30 0.00	26.13 1.54 0.00	21.85 1.48 0.00	22.09 1.93 0.00	24.37 2.09 0.00	26.20 2.23 0.00	23.76 1.57 0.00	23.90 1.57 0.00	19.63 1.19 0.00	17.31 0.97 0.00	18.08 1.24 0.00	22.31 2.08 0.00	25.28 2.14 0.00	32.47 2.87 0.00	33.95 2.91 0.00	26.57 1.67 0.00	28.08 1.65 0.00	22.06 1.30 0.00	20.42 1.26 0.00	19.01 1.07 0.00
WHITEPLN_13_KV_LOAD 356215	37.35 1.32 0.00	32.65 1.23 0.00	27.38 0.97 0.00	31.42 0.99 0.00	26.35 0.77 0.00	26.10 0.80 0.00	25.40 0.81 0.00	21.16 0.80 0.00	21.18 1.02 0.00	23.37 1.09 0.00	25.22 1.24 0.00	23.26 1.07 0.00	23.38 1.05 0.00	19.34 0.90 0.00	17.22 0.88 0.00	17.79 0.95 0.00	21.47 1.24 0.00	24.63 1.49 0.00	31.57 1.97 0.00	33.19 2.15 0.00	26.57 1.67 0.00	28.14 1.71 0.00	21.99 1.23 0.00	20.25 1.08 0.00	18.76 0.82 0.00
WM_FLOYD_69_KV_BK2 356380	37.93 1.90 0.00	33.29 1.87 0.00	27.93 1.51 0.00	31.98 1.55 0.00	26.81 1.23 0.00	26.56 1.26 0.00	25.77 1.18 0.00	21.51 1.15 0.00	21.57 1.42 0.00	23.69 1.42 0.00	25.48 1.50 0.00	23.54 1.35 0.00	23.70 1.37 0.00	19.53 1.09 0.00	17.44 1.10 0.00	18.12 1.28 0.00	21.83 1.60 0.00	25.08 1.94 0.00	32.20 2.60 0.00	33.86 2.83 0.00	27.03 2.13 0.00	28.47 2.05 0.00	22.34 1.58 0.00	20.59 1.43 0.00	19.13 1.19 0.00
WOODARD___115KV_TB2 355635	35.70 -0.34 0.00	31.08 -0.34 0.00	26.13 -0.28 0.00	30.13 -0.31 0.00	25.29 -0.28 0.00	25.02 -0.28 0.00	24.29 -0.30 0.00	20.11 -0.26 0.00	20.01 -0.15 0.00	22.13 -0.15 0.00	23.85 -0.13 0.00	22.03 -0.15 0.00	22.14 -0.19 0.00	18.25 -0.19 0.00	16.15 -0.19 0.00	16.61 -0.23 0.00	20.01 -0.21 0.00	22.96 -0.18 0.00	29.35 -0.25 0.00	30.80 -0.24 0.00	24.69 -0.21 0.00	26.15 -0.28 0.00	20.57 -0.18 0.00	19.01 -0.16 0.00	17.85 -0.09 0.00
YORK___WARBASSE 23770	37.21 1.17 0.00	32.54 1.12 0.00	27.35 0.94 0.00	31.35 0.92 0.00	26.32 0.74 0.00	26.08 0.78 0.00	25.37 0.78 0.00	21.17 0.80 0.00	21.20 1.04 0.00	23.38 1.10 0.00	25.23 1.25 0.00	23.30 1.11 0.00	23.41 1.08 0.00	19.40 0.95 0.00	17.27 0.92 0.00	17.83 0.98 0.00	21.48 1.25 0.00	24.65 1.51 0.00	31.48 1.88 0.00	33.14 2.10 0.00	26.56 1.66 -0.01	28.13 1.69 -0.01	22.00 1.24 -0.01	20.26 1.09 0.00	18.76 0.82 0.00