

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/10/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	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	19.54	21.25	18.00	19.26	19.50	20.68	21.82	33.30	36.15	31.40	25.23	21.18	19.85	20.04	18.89	21.64	27.88	39.50	86.30	46.03	31.96	25.60	22.10	22.06
24138	1.20	1.34	1.22	1.29	1.25	1.30	1.47	1.91	1.85	1.71	1.48	1.29	1.30	1.32	1.31	1.22	1.42	2.09	4.58	2.04	1.59	1.31	1.18	1.28
	0.00	-0.87	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.58	21.26	17.98	19.24	19.48	20.66	21.79	33.24	36.11	31.40	25.24	21.17	19.86	20.04	18.88	21.64	27.88	39.53	86.39	46.08	31.97	25.61	22.12	22.07
24260	1.23	1.36	1.20	1.27	1.23	1.28	1.44	1.85	1.81	1.71	1.49	1.29	1.30	1.31	1.30	1.23	1.43	2.13	4.67	2.09	1.60	1.32	1.19	1.29
	0.00	-0.87	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.58	21.26	17.98	19.24	19.48	20.66	21.79	33.24	36.11	31.40	25.24	21.17	19.86	20.04	18.88	21.64	27.88	39.53	86.39	46.08	31.97	25.61	22.12	22.07
24261	1.23	1.36	1.20	1.27	1.23	1.28	1.44	1.85	1.81	1.71	1.49	1.29	1.30	1.31	1.30	1.23	1.43	2.13	4.67	2.09	1.60	1.32	1.19	1.29
	0.00	-0.87	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.39	21.29	17.83	19.06	19.33	20.55	21.62	33.09	35.79	30.92	24.77	20.81	19.42	19.59	18.52	21.57	27.95	39.79	86.80	46.49	31.99	25.40	21.90	21.70
24011	1.05	1.17	1.01	1.09	1.09	1.17	1.27	1.70	1.48	1.23	1.02	0.93	0.86	0.86	0.94	1.16	1.49	2.38	5.09	2.49	1.62	1.12	0.97	0.92
	0.00	-1.09	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	19.48	21.39	17.92	19.15	19.43	20.66	21.75	33.28	35.89	30.99	24.85	20.89	19.52	19.72	18.62	21.72	28.14	40.10	87.42	46.80	32.18	25.49	21.98	21.74
23798	1.13	1.27	1.10	1.18	1.18	1.28	1.40	1.89	1.59	1.30	1.10	1.01	0.97	0.99	1.04	1.31	1.68	2.69	5.71	2.81	1.81	1.20	1.05	0.97
	0.00	-1.09	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	19.39	21.29	17.83	19.06	19.33	20.55	21.62	33.09	35.79	30.92	24.77	20.81	19.42	19.59	18.52	21.57	27.95	39.79	86.80	46.49	31.99	25.40	21.90	21.70
24028	1.05	1.17	1.01	1.09	1.09	1.17	1.27	1.70	1.48	1.23	1.02	0.93	0.86	0.86	0.94	1.16	1.49	2.38	5.09	2.49	1.62	1.12	0.97	0.92
	0.00	-1.09	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	19.51	21.35	17.92	19.17	19.43	20.63	21.67	33.05	35.72	30.83	24.82	20.76	19.41	19.65	18.54	21.38	27.58	39.35	85.89	46.06	31.72	25.24	21.84	21.67
23527	1.16	1.26	1.11	1.20	1.19	1.25	1.32	1.66	1.41	1.14	1.07	0.87	0.85	0.92	0.96	0.97	1.13	1.94	4.17	2.07	1.35	0.95	0.91	0.89
	0.00	-1.05	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	19.05	20.85	17.51	18.70	18.97	20.12	21.06	32.06	34.82	30.11	24.18	20.24	18.90	19.11	18.03	20.82	26.92	38.26	83.49	44.76	30.90	24.67	21.33	21.19
24190	0.71	0.77	0.70	0.73	0.73	0.74	0.71	0.67	0.52	0.42	0.43	0.35	0.35	0.38	0.44	0.40	0.47	0.86	1.78	0.76	0.53	0.39	0.40	0.41
	0.00	-1.05	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	18.18	18.80	16.42	17.72	18.04	19.22	20.17	31.47	34.58	29.92	23.77	19.89	18.59	18.72	17.51	20.57	26.69	37.63	82.03	44.44	30.63	24.48	21.00	20.62
355683	-0.16	-0.23	-0.21	-0.25	-0.20	-0.16	-0.18	0.08	0.28	0.23	0.02	0.01	0.03	-0.01	-0.07	0.15	0.23	0.22	0.32	0.44	0.26	0.19	0.07	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	19.29	21.10	17.73	18.96	19.24	20.42	21.39	32.65	35.38	30.53	24.54	20.45	19.10	19.29	18.14	21.11	27.44	38.99	85.09	45.63	31.47	25.13	21.70	21.57
323833	0.95	1.03	0.92	0.99	1.00	1.04	1.04	1.26	1.08	0.83	0.79	0.57	0.54	0.57	0.56	0.69	0.99	1.58	3.38	1.64	1.10	0.84	0.77	0.79
	0.00	-1.03	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	19.29	21.09	17.72	18.96	19.24	20.41	21.39	32.65	35.37	30.52	24.54	20.45	19.10	19.29	18.14	21.11	27.43	38.98	85.06	45.60	31.46	25.12	21.70	21.56
323834	0.95	1.03	0.92	0.99	0.99	1.03	1.04	1.25	1.06	0.83	0.78	0.57	0.54	0.56	0.56	0.69	0.98	1.58	3.35	1.61	1.09	0.84	0.77	0.79
	0.00	-1.03	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.05	20.85	17.51	18.70	18.97	20.12	21.06	32.06	34.82	30.11	24.18	20.24	18.90	19.11	18.03	20.82	26.92	38.26	83.49	44.76	30.90	24.67	21.33	21.19
23571	0.71	0.77	0.70	0.73	0.73	0.74	0.71	0.67	0.52	0.42	0.43	0.35	0.35	0.38	0.44	0.40	0.47	0.86	1.78	0.76	0.53	0.39	0.40	0.41
	0.00	-1.05	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	19.05 0.71 0.00	20.85 0.77 -1.05	17.51 0.70 -0.18	18.70 0.73 0.00	18.97 0.73 0.00	20.12 0.74 0.00	21.06 0.71 0.00	32.06 0.67 0.00	34.82 0.52 0.00	30.11 0.42 0.00	24.18 0.43 0.00	20.24 0.35 0.00	18.90 0.35 0.00	19.11 0.38 0.00	18.03 0.44 0.00	20.82 0.40 0.00	26.92 0.47 0.00	38.26 0.86 0.00	83.49 1.78 0.00	44.76 0.76 0.00	30.90 0.53 0.00	24.67 0.39 0.00	21.33 0.40 0.00	21.19 0.41 0.00
ALBANY___3 23573	19.05 0.71 0.00	20.85 0.77 -1.05	17.51 0.70 -0.18	18.70 0.73 0.00	18.97 0.73 0.00	20.12 0.74 0.00	21.06 0.71 0.00	32.06 0.67 0.00	34.82 0.52 0.00	30.11 0.42 0.00	24.18 0.43 0.00	20.24 0.35 0.00	18.90 0.35 0.00	19.11 0.38 0.00	18.03 0.44 0.00	20.82 0.40 0.00	26.92 0.47 0.00	38.26 0.86 0.00	83.49 1.78 0.00	44.76 0.76 0.00	30.90 0.53 0.00	24.67 0.39 0.00	21.33 0.40 0.00	21.19 0.41 0.00
ALBANY___4 23574	19.05 0.71 0.00	20.85 0.77 -1.05	17.51 0.70 -0.18	18.70 0.73 0.00	18.97 0.73 0.00	20.12 0.74 0.00	21.06 0.71 0.00	32.06 0.67 0.00	34.82 0.52 0.00	30.11 0.42 0.00	24.18 0.43 0.00	20.24 0.35 0.00	18.90 0.35 0.00	19.11 0.38 0.00	18.03 0.44 0.00	20.82 0.40 0.00	26.92 0.47 0.00	38.26 0.86 0.00	83.49 1.78 0.00	44.76 0.76 0.00	30.90 0.53 0.00	24.67 0.39 0.00	21.33 0.40 0.00	21.19 0.41 0.00
ALBANY___LFGE 323615	19.15 0.81 0.00	20.97 0.88 -1.06	17.60 0.80 -0.18	18.80 0.83 0.00	19.08 0.83 0.00	20.23 0.85 0.00	21.19 0.84 0.00	32.31 0.91 0.00	35.08 0.78 0.00	30.35 0.66 0.00	24.37 0.61 0.00	20.40 0.52 0.00	19.05 0.49 0.00	19.25 0.52 0.00	18.17 0.59 0.00	20.99 0.58 0.00	27.15 0.69 0.00	38.58 1.17 0.00	84.21 2.50 0.00	45.14 1.15 0.00	31.15 0.78 0.00	24.87 0.58 0.00	21.49 0.56 0.00	21.35 0.57 0.00
ALCOA_PA_115KV_PL-6C 55860	18.23 -0.11 0.00	18.84 -0.19 0.00	16.46 -0.17 0.00	17.76 -0.21 0.00	18.06 -0.18 0.00	19.25 -0.13 0.00	20.20 -0.15 0.00	31.62 0.23 0.00	34.76 0.45 0.00	30.07 0.38 0.00	23.84 0.09 0.00	19.94 0.05 0.00	18.63 0.07 0.00	18.75 0.03 0.00	17.54 -0.04 0.00	20.67 0.25 0.00	26.74 0.28 0.00	37.73 0.33 0.00	82.30 0.58 0.00	44.58 0.58 0.00	30.71 0.34 0.00	24.58 0.30 0.00	21.13 0.19 0.00	20.69 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	18.23 -0.11 0.00	18.84 -0.19 0.00	16.46 -0.17 0.00	17.76 -0.21 0.00	18.06 -0.18 0.00	19.25 -0.13 0.00	20.20 -0.15 0.00	31.62 0.23 0.00	34.76 0.45 0.00	30.07 0.38 0.00	23.84 0.09 0.00	19.94 0.05 0.00	18.63 0.07 0.00	18.75 0.03 0.00	17.54 -0.04 0.00	20.67 0.25 0.00	26.74 0.28 0.00	37.73 0.33 0.00	82.30 0.58 0.00	44.58 0.58 0.00	30.71 0.34 0.00	24.58 0.30 0.00	21.13 0.19 0.00	20.69 0.00 0.00
ALCOA___DSASP 323711	18.23 -0.11 0.00	18.84 -0.19 0.00	16.46 -0.17 0.00	17.76 -0.21 0.00	18.06 -0.18 0.00	19.25 -0.13 0.00	20.20 -0.15 0.00	31.62 0.23 0.00	34.75 0.45 0.00	30.07 0.38 0.00	23.84 0.09 0.00	19.94 0.05 0.00	18.63 0.07 0.00	18.75 0.03 0.00	17.55 -0.04 0.00	20.67 0.25 0.00	26.74 0.28 0.00	37.73 0.32 0.00	82.30 0.58 0.00	44.58 0.58 0.00	30.72 0.34 0.00	24.58 0.30 0.00	21.13 0.19 0.00	20.69 -0.09 0.00
ALLEGHENY___COGEN 23514	14.90 -0.80 2.65	18.76 -0.45 -0.18	16.15 -0.51 -0.03	17.52 -0.45 0.00	17.89 -0.35 0.00	18.89 -0.49 0.00	19.91 -0.44 0.00	30.59 -0.80 0.00	33.49 -0.82 0.00	29.01 -0.68 0.00	23.09 -0.66 0.00	19.50 -0.38 0.00	17.92 -0.64 0.00	18.12 -0.61 0.00	16.94 -0.64 0.00	19.61 -0.81 0.00	25.39 -1.06 0.00	36.43 -0.97 0.00	80.92 -0.79 0.00	43.27 -0.72 0.00	29.79 -0.58 0.00	24.00 -0.29 0.00	20.88 -0.12 -0.07	20.94 0.17 0.00
ALTAMONT_115KV_TB 2 55880	19.00 0.66 0.00	20.82 0.73 -1.05	17.46 0.65 -0.18	18.67 0.70 0.00	18.93 0.69 0.00	20.09 0.71 0.00	21.07 0.72 0.00	32.23 0.84 0.00	35.05 0.74 0.00	30.32 0.63 0.00	24.32 0.57 0.00	20.36 0.48 0.00	19.01 0.46 0.00	19.20 0.47 0.00	18.10 0.52 0.00	20.93 0.51 0.00	27.08 0.63 0.00	38.45 1.05 0.00	83.99 2.28 0.00	45.02 1.03 0.00	31.09 0.72 0.00	24.84 0.55 0.00	21.46 0.53 0.00	21.33 0.55 0.00
ALTONA_WT_PWR 323606	17.87 -0.48 0.00	18.56 -0.47 0.00	16.17 -0.46 0.00	17.31 -0.67 0.00	17.66 -0.58 0.00	18.98 -0.40 0.00	20.02 -0.33 0.00	31.23 -0.16 0.00	34.45 0.15 0.00	30.19 0.50 0.00	24.11 0.35 0.00	20.10 0.21 0.00	18.80 0.24 0.00	18.90 0.17 0.00	17.79 0.20 0.00	21.18 0.76 0.00	27.59 1.13 0.00	39.07 1.66 0.00	85.08 3.37 0.00	45.54 1.55 0.00	30.91 0.54 0.00	24.45 0.17 0.00	20.88 -0.05 0.00	20.49 -0.29 0.00
AMERICAN_REF_FUEL 24010	15.30 -1.99 1.05	17.08 -2.09 -0.14	14.84 -1.82 -0.02	16.16 -1.81 0.00	16.39 -1.86 0.00	17.37 -2.01 0.00	18.15 -2.20 0.00	27.65 -3.75 0.00	30.25 -4.06 0.00	26.51 -3.18 0.00	21.44 -2.31 0.00	17.78 -2.10 0.00	16.41 -2.15 0.00	16.48 -2.25 0.00	15.61 -1.97 0.00	18.00 -2.41 0.00	23.46 -2.99 0.00	33.01 -4.39 0.00	72.92 -8.79 0.00	39.04 -4.96 0.00	26.80 -3.57 0.00	21.55 -2.73 0.00	18.28 -2.24 0.41	18.97 -1.81 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.07 -1.91 1.37	17.22 -1.97 -0.15	15.00 -1.65 -0.03	16.38 -1.60 0.00	16.57 -1.67 0.00	17.73 -1.65 0.00	18.69 -1.66 0.00	28.57 -2.82 0.00	31.29 -3.01 0.00	27.45 -2.24 0.00	22.23 -1.52 0.00	18.37 -1.52 0.00	16.85 -1.70 0.00	17.02 -1.70 0.00	15.98 -1.60 0.00	18.45 -1.97 0.00	23.94 -2.51 0.00	33.86 -3.55 0.00	75.91 -5.80 0.00	40.77 -3.23 0.00	28.21 -2.16 0.00	22.76 -1.52 0.00	19.13 -1.23 0.57	19.99 -0.79 0.00
ARTHUR KILL_GT_1 23520	19.44 1.10 0.00	21.14 1.24 -0.87	17.80 1.02 -0.15	19.15 1.18 0.00	19.39 1.15 0.00	20.57 1.19 0.00	21.69 1.34 0.00	33.09 1.70 0.00	35.92 1.62 0.00	31.17 1.48 0.00	25.04 1.29 0.00	21.02 1.14 0.00	19.73 1.18 0.00	19.90 1.17 0.00	18.72 1.14 0.00	21.45 1.03 0.00	27.65 1.20 0.00	39.14 1.74 0.00	85.70 3.98 0.00	45.68 1.68 0.00	31.83 1.46 -0.01	25.51 1.22 -0.01	22.04 1.11 0.00	21.99 1.21 0.00
ARTHUR_KILL_2 23512	19.39 1.05 0.00	21.09 1.19 -0.87	17.75 0.98 -0.15	19.10 1.13 0.00	19.34 1.10 0.00	20.52 1.14 0.00	21.63 1.28 0.00	33.00 1.61 0.00	35.82 1.52 0.00	31.09 1.40 0.00	24.97 1.21 0.00	20.96 1.08 0.00	19.69 1.13 0.00	19.84 1.12 0.00	18.68 1.10 0.00	21.39 0.98 0.00	27.57 1.12 0.00	39.02 1.62 0.00	85.44 3.73 0.00	45.54 1.55 0.00	31.73 1.36 -0.01	25.44 1.15 -0.01	21.98 1.05 0.00	21.93 1.15 0.00
ARTHUR_KILL_3 23513	19.42 1.08 0.00	21.11 1.21 -0.87	17.88 1.09 -0.15	19.10 1.13 0.00	19.34 1.09 0.00	20.51 1.13 0.00	21.63 1.28 0.00	33.00 1.60 0.00	35.81 1.50 0.00	31.14 1.44 0.00	25.03 1.27 0.00	21.01 1.13 0.00	19.70 1.15 0.00	19.89 1.16 0.00	18.73 1.14 0.00	21.46 1.04 0.00	27.65 1.19 0.00	39.19 1.79 0.00	85.62 3.91 0.00	45.65 1.66 0.00	31.68 1.31 -0.01	25.37 1.08 -0.01	21.91 0.98 0.00	21.87 1.09 0.00

ARTHUR_KILL_COGEN 323718	19.44 1.10 0.00	21.14 1.24 -0.87	17.80 1.02 -0.15	19.15 1.18 0.00	19.39 1.15 0.00	20.57 1.19 0.00	21.69 1.34 0.00	33.09 1.70 0.00	35.92 1.62 0.00	31.17 1.48 0.00	25.04 1.29 0.00	21.02 1.14 0.00	19.73 1.18 0.00	19.90 1.17 0.00	18.72 1.14 0.00	21.45 1.03 0.00	27.65 1.20 0.00	39.14 1.74 0.00	85.70 3.98 0.00	45.68 1.68 0.00	31.83 1.46 -0.01	25.51 1.22 -0.01	22.04 1.11 0.00	21.99 1.21 0.00
ASHOKAN____ 23654	19.43 1.09 0.00	21.13 1.15 -0.95	17.79 1.00 -0.16	19.08 1.11 0.00	19.35 1.11 0.00	20.55 1.17 0.00	21.58 1.23 0.00	33.03 1.63 0.00	35.88 1.57 0.00	31.02 1.33 0.00	24.83 1.08 0.00	20.61 0.72 0.00	19.34 0.78 0.00	19.44 0.72 0.00	18.31 0.72 0.00	21.18 0.76 0.00	27.64 1.18 0.00	39.59 2.18 0.00	86.41 4.70 0.00	46.22 2.22 0.00	31.87 1.50 0.00	25.44 1.15 0.00	21.93 0.99 0.00	21.77 1.00 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.53 1.18 0.00	21.23 1.33 -0.87	17.98 1.20 -0.15	19.20 1.22 0.00	19.44 1.19 0.00	20.62 1.25 0.00	21.71 1.36 0.00	33.11 1.72 0.00	36.05 1.74 0.00	31.34 1.65 0.00	25.12 1.37 0.00	21.10 1.21 0.00	19.88 1.32 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.53 1.11 0.00	27.74 1.28 0.00	39.29 1.89 0.00	86.18 4.23 -0.24	45.85 1.86 0.00	31.91 1.54 0.00	25.50 1.22 0.00	22.03 1.10 0.00	22.01 1.23 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.53 1.18 0.00	21.23 1.33 -0.87	17.98 1.20 -0.15	19.20 1.22 0.00	19.43 1.19 0.00	20.62 1.25 0.00	21.71 1.36 0.00	33.11 1.72 0.00	36.05 1.74 0.00	31.34 1.65 0.00	25.12 1.37 0.00	21.10 1.21 0.00	19.88 1.32 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.53 1.11 0.00	27.74 1.28 0.00	39.29 1.89 0.00	86.18 4.23 -0.24	45.85 1.86 0.00	31.91 1.54 0.00	25.50 1.22 0.00	22.03 1.10 0.00	22.01 1.23 0.00
ASTORIA_GT2_1 24094	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA_GT2_2 24095	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA_GT2_3 24096	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA_GT2_4 24097	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA_GT3_1 24098	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA_GT3_2 24099	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA_GT3_3 24100	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA_GT3_4 24101	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA_GT4_1 24102	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA_GT4_2 24103	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA_GT4_3 24104	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00

ASTORIA_GT4_4 24105	19.54 1.20 0.00	21.25 1.34 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.89 1.33 0.00	19.99 1.27 0.00	18.84 1.26 0.00	21.54 1.12 0.00	27.76 1.31 0.00	39.31 1.91 0.00	86.28 4.33 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.24 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA_GT_1 23523	19.56 1.22 0.00	21.27 1.37 -0.87	18.01 1.23 -0.15	19.23 1.25 0.00	19.46 1.22 0.00	20.66 1.28 0.00	21.74 1.40 0.00	33.17 1.78 0.00	36.12 1.81 0.00	31.40 1.71 0.00	25.19 1.43 0.00	21.15 1.26 0.00	19.92 1.36 0.00	20.03 1.30 0.00	18.88 1.30 0.00	21.57 1.15 0.00	27.80 1.35 0.00	39.37 1.97 0.00	86.41 4.46 -0.24	45.96 1.96 0.00	31.99 1.62 0.00	25.56 1.27 0.00	22.07 1.14 0.00	22.06 1.28 0.00
ASTORIA_GT_10 24110	19.49 1.15 0.00	21.19 1.28 -0.87	17.91 1.13 -0.15	19.16 1.18 0.00	19.39 1.15 0.00	20.58 1.20 0.00	21.68 1.34 0.00	33.08 1.69 0.00	35.96 1.65 0.00	31.25 1.56 0.00	25.10 1.35 0.00	21.06 1.18 0.00	19.77 1.22 0.00	19.92 1.20 0.00	18.78 1.20 0.00	21.50 1.08 0.00	27.70 1.25 0.00	39.25 1.85 0.00	85.85 4.14 0.00	45.78 1.79 0.00	31.81 1.44 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.97 1.19 0.00
ASTORIA_GT_11 24225	19.49 1.15 0.00	21.19 1.28 -0.87	17.91 1.13 -0.15	19.16 1.18 0.00	19.39 1.15 0.00	20.58 1.20 0.00	21.68 1.34 0.00	33.08 1.69 0.00	35.96 1.65 0.00	31.25 1.56 0.00	25.10 1.35 0.00	21.06 1.18 0.00	19.77 1.22 0.00	19.92 1.20 0.00	18.78 1.20 0.00	21.50 1.08 0.00	27.70 1.25 0.00	39.25 1.85 0.00	85.85 4.14 0.00	45.78 1.79 0.00	31.81 1.44 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.97 1.19 0.00
ASTORIA_GT_12 24226	19.49 1.15 0.00	21.19 1.28 -0.87	17.91 1.13 -0.15	19.16 1.18 0.00	19.39 1.15 0.00	20.58 1.20 0.00	21.68 1.34 0.00	33.08 1.69 0.00	35.96 1.65 0.00	31.25 1.56 0.00	25.10 1.35 0.00	21.06 1.18 0.00	19.77 1.22 0.00	19.92 1.20 0.00	18.78 1.20 0.00	21.50 1.08 0.00	27.70 1.25 0.00	39.25 1.85 0.00	85.85 4.14 0.00	45.78 1.79 0.00	31.81 1.44 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.97 1.19 0.00
ASTORIA_GT_13 24227	19.49 1.15 0.00	21.19 1.28 -0.87	17.91 1.13 -0.15	19.16 1.18 0.00	19.39 1.15 0.00	20.58 1.20 0.00	21.68 1.34 0.00	33.08 1.69 0.00	35.96 1.65 0.00	31.25 1.56 0.00	25.10 1.35 0.00	21.06 1.18 0.00	19.77 1.22 0.00	19.92 1.20 0.00	18.78 1.20 0.00	21.50 1.08 0.00	27.70 1.25 0.00	39.25 1.85 0.00	85.85 4.14 0.00	45.78 1.79 0.00	31.81 1.44 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.97 1.19 0.00
ASTORIA_GT_5 24106	19.57 1.22 0.00	21.28 1.38 -0.87	18.01 1.23 -0.15	19.22 1.25 0.00	19.46 1.22 0.00	20.66 1.28 0.00	21.75 1.40 0.00	33.17 1.78 0.00	36.12 1.82 0.00	31.40 1.71 0.00	25.19 1.44 0.00	21.14 1.26 0.00	19.92 1.36 0.00	20.03 1.30 0.00	18.87 1.29 0.00	21.57 1.16 0.00	27.80 1.35 0.00	39.37 1.97 0.00	86.43 4.48 -0.24	45.96 1.96 0.00	31.99 1.62 0.00	25.56 1.28 0.00	22.08 1.14 0.00	22.05 1.28 0.00
ASTORIA_GT_7 24107	19.57 1.22 0.00	21.28 1.38 -0.87	18.01 1.23 -0.15	19.22 1.25 0.00	19.46 1.22 0.00	20.66 1.28 0.00	21.75 1.40 0.00	33.17 1.78 0.00	36.12 1.82 0.00	31.40 1.71 0.00	25.19 1.44 0.00	21.14 1.26 0.00	19.92 1.36 0.00	20.03 1.30 0.00	18.87 1.29 0.00	21.57 1.16 0.00	27.80 1.35 0.00	39.37 1.97 0.00	86.43 4.48 -0.24	45.96 1.96 0.00	31.99 1.62 0.00	25.56 1.28 0.00	22.08 1.14 0.00	22.05 1.28 0.00
ASTORIA_GT_8 24108	19.57 1.22 0.00	21.28 1.38 -0.87	18.01 1.23 -0.15	19.22 1.25 0.00	19.46 1.22 0.00	20.66 1.28 0.00	21.75 1.40 0.00	33.17 1.78 0.00	36.12 1.82 0.00	31.40 1.71 0.00	25.19 1.44 0.00	21.14 1.26 0.00	19.92 1.36 0.00	20.03 1.30 0.00	18.87 1.29 0.00	21.57 1.16 0.00	27.80 1.35 0.00	39.37 1.97 0.00	86.43 4.48 -0.24	45.96 1.96 0.00	31.99 1.62 0.00	25.56 1.28 0.00	22.08 1.14 0.00	22.05 1.28 0.00
ASTORIA___2 24149	19.53 1.19 0.00	21.24 1.33 -0.87	17.99 1.21 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.12 1.73 0.00	36.06 1.75 0.00	31.34 1.65 0.00	25.14 1.39 0.00	21.11 1.22 0.00	19.88 1.33 0.00	19.99 1.27 0.00	18.85 1.27 0.00	21.54 1.12 0.00	27.75 1.30 0.00	39.31 1.91 0.00	86.25 4.30 -0.24	45.88 1.88 0.00	31.93 1.56 0.00	25.52 1.23 0.00	22.04 1.11 0.00	22.02 1.24 0.00
ASTORIA___3 23516	19.48 1.14 0.00	21.18 1.28 -0.87	17.91 1.13 -0.15	19.15 1.18 0.00	19.39 1.15 0.00	20.58 1.20 0.00	21.68 1.34 0.00	33.08 1.69 0.00	35.95 1.65 0.00	31.25 1.56 0.00	25.10 1.35 0.00	21.06 1.18 0.00	19.77 1.22 0.00	19.92 1.20 0.00	18.78 1.20 0.00	21.50 1.08 0.00	27.70 1.25 0.00	39.25 1.85 0.00	85.82 4.11 0.00	45.78 1.79 0.00	31.81 1.44 0.00	25.45 1.17 0.00	21.99 1.05 0.00	21.97 1.19 0.00
ASTORIA___4 23517	19.49 1.15 0.00	21.19 1.28 -0.87	17.91 1.13 -0.15	19.16 1.18 0.00	19.39 1.15 0.00	20.58 1.20 0.00	21.68 1.34 0.00	33.08 1.69 0.00	35.96 1.65 0.00	31.25 1.56 0.00	25.10 1.35 0.00	21.06 1.18 0.00	19.77 1.22 0.00	19.92 1.20 0.00	18.78 1.20 0.00	21.50 1.08 0.00	27.70 1.25 0.00	39.25 1.85 0.00	85.85 4.14 0.00	45.78 1.79 0.00	31.81 1.44 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.97 1.19 0.00
ASTORIA___5 23518	19.48 1.14 0.00	21.18 1.28 -0.87	17.91 1.13 -0.15	19.15 1.18 0.00	19.39 1.15 0.00	20.58 1.20 0.00	21.68 1.34 0.00	33.08 1.69 0.00	35.95 1.65 0.00	31.25 1.56 0.00	25.10 1.35 0.00	21.06 1.18 0.00	19.77 1.22 0.00	19.92 1.20 0.00	18.78 1.20 0.00	21.50 1.08 0.00	27.70 1.25 0.00	39.25 1.85 0.00	85.82 4.11 0.00	45.78 1.79 0.00	31.81 1.44 0.00	25.45 1.17 0.00	21.99 1.05 0.00	21.97 1.19 0.00
AST_ENERGY_2_CC3 323677	19.44 1.09 0.00	21.13 1.23 -0.87	17.88 1.10 -0.15	19.14 1.17 0.00	19.36 1.12 0.00	20.54 1.16 0.00	21.65 1.30 0.00	33.02 1.63 0.00	35.84 1.53 0.00	31.16 1.47 0.00	25.04 1.29 0.00	21.03 1.14 0.00	19.73 1.17 0.00	19.91 1.19 0.00	18.76 1.18 0.00	21.49 1.07 0.00	27.66 1.21 0.00	39.20 1.80 0.00	85.67 3.96 0.00	45.71 1.71 0.00	31.73 1.36 0.00	25.40 1.12 0.00	21.96 1.03 0.00	21.90 1.13 0.00
AST_ENERGY_2_CC4 323678	19.44 1.09 0.00	21.13 1.23 -0.87	17.88 1.10 -0.15	19.14 1.17 0.00	19.36 1.12 0.00	20.54 1.16 0.00	21.65 1.30 0.00	33.02 1.63 0.00	35.84 1.53 0.00	31.16 1.47 0.00	25.04 1.29 0.00	21.03 1.14 0.00	19.73 1.17 0.00	19.91 1.19 0.00	18.76 1.18 0.00	21.49 1.07 0.00	27.66 1.21 0.00	39.20 1.80 0.00	85.67 3.96 0.00	45.71 1.71 0.00	31.73 1.36 0.00	25.40 1.12 0.00	21.96 1.03 0.00	21.90 1.13 0.00

ATHENS_STG_1 23668	19.08 0.73 0.00	20.81 0.83 -0.95	17.53 0.73 -0.16	18.76 0.78 0.00	19.01 0.77 0.00	20.16 0.78 0.00	21.17 0.82 0.00	32.39 1.00 0.00	35.23 0.92 0.00	30.50 0.82 0.00	24.49 0.74 0.00	20.51 0.63 0.00	19.17 0.61 0.00	19.37 0.64 0.00	18.26 0.68 0.00	21.06 0.64 0.00	27.21 0.76 0.00	38.62 1.22 0.00	84.39 2.67 0.00	45.19 1.19 0.00	31.23 0.85 0.00	24.97 0.69 0.00	21.58 0.65 0.00	21.48 0.70 0.00
ATHENS_STG_2 23670	19.08 0.73 0.00	20.81 0.83 -0.95	17.53 0.73 -0.16	18.76 0.78 0.00	19.01 0.77 0.00	20.16 0.78 0.00	21.17 0.82 0.00	32.39 1.00 0.00	35.23 0.92 0.00	30.50 0.82 0.00	24.49 0.74 0.00	20.51 0.63 0.00	19.17 0.61 0.00	19.37 0.64 0.00	18.26 0.68 0.00	21.06 0.64 0.00	27.21 0.76 0.00	38.62 1.22 0.00	84.39 2.67 0.00	45.19 1.19 0.00	31.23 0.85 0.00	24.97 0.69 0.00	21.58 0.65 0.00	21.48 0.70 0.00
ATHENS_STG_3 23677	19.08 0.73 0.00	20.81 0.83 -0.95	17.53 0.73 -0.16	18.76 0.78 0.00	19.01 0.77 0.00	20.16 0.78 0.00	21.17 0.82 0.00	32.39 1.00 0.00	35.23 0.92 0.00	30.50 0.82 0.00	24.49 0.74 0.00	20.51 0.63 0.00	19.17 0.61 0.00	19.37 0.64 0.00	18.26 0.68 0.00	21.06 0.64 0.00	27.21 0.76 0.00	38.62 1.22 0.00	84.39 2.67 0.00	45.19 1.19 0.00	31.23 0.85 0.00	24.97 0.69 0.00	21.58 0.65 0.00	21.48 0.70 0.00
AUBURN___LFGE 323710	18.47 -0.28 -0.41	18.92 -0.24 -0.12	16.44 -0.21 -0.02	17.77 -0.20 0.00	18.04 -0.20 0.00	19.09 -0.29 0.00	20.14 -0.21 0.00	30.99 -0.41 0.00	33.69 -0.61 0.00	29.28 -0.41 0.00	23.49 -0.26 0.00	19.67 -0.22 0.00	18.30 -0.26 0.00	18.48 -0.24 0.00	17.39 -0.19 0.00	20.11 -0.30 0.00	26.04 -0.42 0.00	36.89 -0.51 0.00	80.97 -0.74 0.00	43.30 -0.69 0.00	29.78 -0.59 0.00	23.96 -0.32 0.00	20.68 -0.25 0.00	20.75 -0.03 0.00
BABYLON_RES_REC 323704	19.78 1.43 0.00	21.50 1.60 -0.87	19.01 1.45 -0.93	19.52 1.55 0.00	44.57 1.54 -24.78	20.93 1.55 0.00	22.31 1.75 -0.21	33.67 2.28 0.00	179.07 2.23 -142.54	49.66 1.94 -18.03	25.32 1.57 0.00	21.21 1.33 0.00	19.94 1.39 0.00	20.17 1.44 0.00	19.03 1.45 0.00	21.87 1.46 0.00	28.20 1.75 0.00	39.95 2.54 0.00	86.31 5.42 0.82	46.41 2.42 0.00	32.23 1.86 0.00	25.99 1.71 0.00	22.40 1.47 0.00	22.29 1.51 0.00
BABYLON__69_KV_BK2 356345	19.97 1.62 0.00	21.71 1.81 -0.87	19.19 1.63 -0.93	19.71 1.74 0.00	44.77 1.74 -24.78	21.14 1.76 0.00	22.55 1.99 -0.21	34.01 2.62 0.00	180.06 2.43 -143.32	49.85 2.13 -18.03	25.54 1.79 0.00	21.39 1.51 0.00	20.13 1.58 0.00	20.36 1.64 0.00	19.22 1.64 0.00	22.09 1.68 0.00	28.50 2.04 0.00	40.38 2.98 0.00	87.25 6.36 0.82	46.90 2.91 0.00	32.57 2.20 0.00	26.28 1.99 0.00	22.63 1.70 0.00	22.51 1.73 0.00
BALL_HILL_WT_PWR 323825	15.45 -1.67 1.22	17.50 -1.68 -0.15	15.17 -1.48 -0.03	16.53 -1.44 0.00	16.75 -1.49 0.00	17.80 -1.58 0.00	18.70 -1.65 0.00	28.60 -2.79 0.00	31.33 -2.97 0.00	27.47 -2.23 0.00	22.21 -1.55 0.00	18.39 -1.50 0.00	16.94 -1.62 0.00	17.10 -1.62 0.00	16.10 -1.48 0.00	18.62 -1.80 0.00	24.18 -2.27 0.00	34.14 -3.26 0.00	75.94 -5.77 0.00	40.58 -3.42 0.00	27.91 -2.46 0.00	22.49 -1.79 0.00	18.96 -1.45 0.52	19.79 -0.99 0.00
BARON_WINDS___WT_PWR 323822	13.32 -1.26 3.76	18.33 -0.93 -0.23	15.70 -0.97 -0.04	17.03 -0.94 0.00	17.42 -0.83 0.00	18.31 -1.07 0.00	19.34 -1.01 0.00	29.64 -1.75 0.00	32.45 -1.86 0.00	28.38 -1.31 0.00	22.71 -1.04 0.00	19.01 -0.88 0.00	17.52 -1.04 0.00	17.87 -0.85 0.00	16.82 -0.76 0.00	19.31 -1.11 0.00	24.95 -1.51 0.00	35.28 -2.13 0.00	77.95 -3.77 0.00	41.59 -2.40 0.00	28.73 -1.64 0.00	23.32 -0.96 0.00	20.68 -0.62 -0.37	20.40 -0.38 0.00
BARRETT_IC_1 23704	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	85.70 3.63 -0.36	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BARRETT_IC_10 23701	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	71.99 3.63 13.35	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BARRETT_IC_11 23702	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	71.99 3.63 13.35	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BARRETT_IC_12 23703	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	71.99 3.63 13.35	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BARRETT_IC_2 23705	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	85.70 3.63 -0.36	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BARRETT_IC_3 23706	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	85.70 3.63 -0.36	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BARRETT_IC_4 23707	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	85.70 3.63 -0.36	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00

BARRETT_IC_5 23708	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	85.70 3.63 -0.36	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BARRETT_IC_6 23709	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	85.70 3.63 -0.36	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BARRETT_IC_7 23710	19.60 1.25 0.00	21.28 1.38 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.06 1.80 -40.96	49.36 1.64 -18.03	25.14 1.39 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.90 1.44 0.00	39.41 2.01 0.00	85.66 3.59 -0.36	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.18 1.25 0.00	22.08 1.30 0.00
BARRETT_IC_8 23711	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	85.70 3.63 -0.36	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BARRETT_IC_9 23700	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	71.99 3.63 13.35	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BARRETT___1 23545	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	85.70 3.63 -0.36	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BARRETT___2 23546	19.59 1.25 0.00	21.28 1.37 -0.87	18.80 1.24 -0.93	19.28 1.31 0.00	44.28 1.25 -24.78	20.65 1.27 0.00	22.02 1.46 -0.21	33.23 1.83 0.00	77.05 1.79 -40.96	49.35 1.64 -18.02	25.15 1.40 0.00	21.09 1.21 0.00	19.80 1.25 0.00	20.01 1.29 0.00	18.89 1.30 0.00	21.70 1.28 0.00	27.89 1.44 0.00	39.41 2.00 0.00	71.99 3.63 13.35	45.70 1.71 0.00	31.87 1.50 0.00	25.72 1.44 0.00	22.19 1.26 0.00	22.08 1.30 0.00
BATAVIA__115KV_TB1 55881	16.13 -1.26 0.95	17.82 -1.34 -0.13	15.49 -1.16 -0.02	16.86 -1.11 0.00	17.08 -1.17 0.00	18.14 -1.24 0.00	19.00 -1.36 0.00	29.04 -2.35 0.00	31.76 -2.55 0.00	27.78 -1.91 0.00	22.48 -1.27 0.00	18.59 -1.30 0.00	17.13 -1.42 0.00	17.19 -1.53 0.00	16.30 -1.28 0.00	18.82 -1.60 0.00	24.60 -1.85 0.00	34.84 -2.57 0.00	77.04 -4.67 0.00	41.18 -2.82 0.00	28.25 -2.12 0.00	22.66 -1.62 0.00	19.61 -1.32 0.00	19.86 -0.92 0.00
BAYONEEC___CTG1 323682	19.46 1.12 0.00	21.15 1.24 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.88 1.57 0.00	31.19 1.50 0.00	25.07 1.32 0.00	21.04 1.16 0.00	19.73 1.18 0.00	19.92 1.19 0.00	18.76 1.18 0.00	21.50 1.09 0.00	27.69 1.24 0.00	39.24 1.83 0.00	85.76 4.05 0.00	45.74 1.75 0.00	31.75 1.39 0.00	25.43 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00
BAYONEEC___CTG10 323750	19.46 1.12 0.00	21.15 1.24 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.88 1.57 0.00	31.19 1.50 0.00	25.07 1.32 0.00	21.04 1.16 0.00	19.73 1.18 0.00	19.92 1.19 0.00	18.76 1.18 0.00	21.50 1.09 0.00	27.69 1.24 0.00	39.24 1.83 0.00	85.76 4.05 0.00	45.74 1.75 0.00	31.75 1.39 0.00	25.43 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00
BAYONEEC___CTG2 323683	19.46 1.12 0.00	21.15 1.24 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.88 1.57 0.00	31.19 1.50 0.00	25.07 1.32 0.00	21.04 1.16 0.00	19.73 1.18 0.00	19.92 1.19 0.00	18.76 1.18 0.00	21.50 1.09 0.00	27.69 1.24 0.00	39.24 1.83 0.00	85.76 4.05 0.00	45.74 1.75 0.00	31.75 1.39 0.00	25.43 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00
BAYONEEC___CTG3 323684	19.46 1.12 0.00	21.15 1.24 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.88 1.57 0.00	31.19 1.50 0.00	25.07 1.32 0.00	21.04 1.16 0.00	19.73 1.18 0.00	19.92 1.19 0.00	18.76 1.18 0.00	21.50 1.09 0.00	27.69 1.24 0.00	39.24 1.83 0.00	85.76 4.05 0.00	45.74 1.75 0.00	31.75 1.39 0.00	25.43 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00
BAYONEEC___CTG4 323685	19.46 1.12 0.00	21.15 1.24 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.88 1.57 0.00	31.19 1.50 0.00	25.07 1.32 0.00	21.04 1.16 0.00	19.73 1.18 0.00	19.92 1.19 0.00	18.76 1.18 0.00	21.50 1.09 0.00	27.69 1.24 0.00	39.24 1.83 0.00	85.76 4.05 0.00	45.74 1.75 0.00	31.75 1.39 0.00	25.43 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00
BAYONEEC___CTG5 323686	19.46 1.12 0.00	21.15 1.24 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.88 1.57 0.00	31.19 1.50 0.00	25.07 1.32 0.00	21.04 1.16 0.00	19.73 1.18 0.00	19.92 1.19 0.00	18.76 1.18 0.00	21.50 1.09 0.00	27.69 1.24 0.00	39.24 1.83 0.00	85.76 4.05 0.00	45.74 1.75 0.00	31.75 1.39 0.00	25.43 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00
BAYONEEC___CTG6 323687	19.46 1.12 0.00	21.15 1.24 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.88 1.57 0.00	31.19 1.50 0.00	25.07 1.32 0.00	21.04 1.16 0.00	19.73 1.18 0.00	19.92 1.19 0.00	18.76 1.18 0.00	21.50 1.09 0.00	27.69 1.24 0.00	39.24 1.83 0.00	85.76 4.05 0.00	45.74 1.75 0.00	31.75 1.39 0.00	25.43 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00

BAYONEEC___CTG7 323688	19.46 1.12 0.00	21.15 1.24 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.88 1.57 0.00	31.19 1.50 0.00	25.07 1.32 0.00	21.04 1.16 0.00	19.73 1.18 0.00	19.92 1.19 0.00	18.76 1.18 0.00	21.50 1.09 0.00	27.69 1.24 0.00	39.24 1.83 0.00	85.76 4.05 0.00	45.74 1.75 0.00	31.75 1.39 0.00	25.43 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00
BAYONEEC___CTG8 323689	19.46 1.12 0.00	21.15 1.24 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.88 1.57 0.00	31.19 1.50 0.00	25.07 1.32 0.00	21.04 1.16 0.00	19.73 1.18 0.00	19.92 1.19 0.00	18.76 1.18 0.00	21.50 1.09 0.00	27.69 1.24 0.00	39.24 1.83 0.00	85.76 4.05 0.00	45.74 1.75 0.00	31.75 1.39 0.00	25.43 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00
BAYONEEC___CTG9 323749	19.46 1.12 0.00	21.15 1.24 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.88 1.57 0.00	31.19 1.50 0.00	25.07 1.32 0.00	21.04 1.16 0.00	19.73 1.18 0.00	19.92 1.19 0.00	18.76 1.18 0.00	21.50 1.09 0.00	27.69 1.24 0.00	39.24 1.83 0.00	85.76 4.05 0.00	45.74 1.75 0.00	31.75 1.39 0.00	25.43 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00
BEACON___LESR 323632	19.25 0.91 0.00	21.13 1.05 -1.05	17.71 0.90 -0.18	18.92 0.95 0.00	19.21 0.96 0.00	20.36 0.98 0.00	21.33 0.98 0.00	32.53 1.14 0.00	35.38 1.08 0.00	30.56 0.87 0.00	24.57 0.81 0.00	20.51 0.62 0.00	19.15 0.59 0.00	19.38 0.65 0.00	18.26 0.68 0.00	21.13 0.71 0.00	27.35 0.90 0.00	38.88 1.48 0.00	84.89 3.18 0.00	45.45 1.46 0.00	31.33 0.96 0.00	25.03 0.75 0.00	21.63 0.70 0.00	21.47 0.69 0.00
BEAVER RIVER___HYD 24048	17.44 -0.90 0.00	18.08 -0.99 -0.04	15.77 -0.87 -0.01	16.99 -0.98 0.00	17.25 -1.00 0.00	18.39 -0.99 0.00	19.35 -1.00 0.00	30.00 -1.39 0.00	32.92 -1.38 0.00	28.49 -1.20 0.00	22.80 -0.95 0.00	19.27 -0.61 0.00	17.88 -0.68 0.00	17.82 -0.91 0.00	16.60 -0.98 0.00	19.28 -1.28 0.00	25.10 -1.35 0.00	36.11 -1.29 0.00	80.36 -1.35 0.00	43.51 -0.48 0.00	30.01 -0.36 0.00	23.97 -0.31 0.00	20.52 -0.41 0.00	20.49 -0.29 0.00
BEEBEE_GT_13 23619	16.47 -1.09 0.79	18.02 -1.13 -0.12	15.65 -0.99 -0.02	17.00 -0.97 0.00	17.23 -1.02 0.00	18.29 -1.09 0.00	19.18 -1.17 0.00	29.41 -1.98 0.00	32.16 -2.15 0.00	28.02 -1.66 0.00	22.60 -1.15 0.00	18.82 -1.07 0.00	17.43 -1.13 0.00	17.56 -1.16 0.00	16.57 -1.02 0.00	19.14 -1.28 0.00	24.90 -1.55 0.00	35.23 -2.18 0.00	77.57 -4.14 0.00	41.53 -2.46 0.00	28.54 -1.84 0.00	22.87 -1.42 0.00	19.78 -1.15 0.00	19.95 -0.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.64 1.30 0.00	21.33 1.43 -0.87	18.00 1.22 -0.15	19.28 1.31 0.00	19.52 1.28 0.00	20.72 1.34 0.00	21.84 1.49 0.00	33.34 1.95 0.00	36.25 1.94 0.00	31.50 1.81 0.00	25.31 1.56 0.00	21.25 1.36 0.00	19.95 1.39 0.00	20.10 1.38 0.00	18.94 1.36 0.00	21.69 1.27 0.00	27.96 1.51 0.00	39.60 2.19 0.00	86.59 4.88 0.00	46.18 2.19 0.00	32.14 1.77 -0.01	25.74 1.45 -0.01	22.23 1.30 0.00	22.17 1.39 0.00
BETHLEHEM___GRP 23843	19.05 0.71 0.00	20.85 0.77 -1.05	17.51 0.70 -0.18	18.70 0.73 0.00	18.97 0.73 0.00	20.12 0.74 0.00	21.06 0.71 0.00	32.06 0.67 0.00	34.82 0.52 0.00	30.11 0.42 0.00	24.18 0.43 0.00	20.24 0.35 0.00	18.90 0.35 0.00	19.11 0.38 0.00	18.03 0.44 0.00	20.82 0.40 0.00	26.92 0.47 0.00	38.26 0.86 0.00	83.49 1.78 0.00	44.76 0.76 0.00	30.90 0.53 0.00	24.67 0.39 0.00	21.33 0.40 0.00	21.19 0.41 0.00
BETHLEHEM___GS1 323560	19.05 0.70 0.00	20.85 0.77 -1.05	17.51 0.70 -0.18	18.70 0.73 0.00	18.97 0.73 0.00	20.12 0.74 0.00	21.06 0.71 0.00	32.06 0.67 0.00	34.82 0.52 0.00	30.11 0.42 0.00	24.18 0.43 0.00	20.24 0.35 0.00	18.90 0.35 0.00	19.11 0.38 0.00	18.03 0.45 0.00	20.82 0.40 0.00	26.92 0.47 0.00	38.26 0.86 0.00	83.49 1.78 0.00	44.76 0.76 0.00	30.90 0.54 0.00	24.67 0.39 0.00	21.33 0.40 0.00	21.19 0.41 0.00
BETHLEHEM___GS2 323561	19.05 0.70 0.00	20.85 0.77 -1.05	17.51 0.70 -0.18	18.70 0.73 0.00	18.97 0.73 0.00	20.12 0.74 0.00	21.06 0.71 0.00	32.06 0.67 0.00	34.82 0.52 0.00	30.11 0.42 0.00	24.18 0.43 0.00	20.24 0.35 0.00	18.90 0.35 0.00	19.11 0.38 0.00	18.03 0.45 0.00	20.82 0.40 0.00	26.92 0.47 0.00	38.26 0.86 0.00	83.49 1.78 0.00	44.76 0.76 0.00	30.90 0.54 0.00	24.67 0.39 0.00	21.33 0.40 0.00	21.19 0.41 0.00
BETHLEHEM___GS3 323562	19.05 0.70 0.00	20.85 0.77 -1.05	17.51 0.70 -0.18	18.70 0.73 0.00	18.97 0.73 0.00	20.12 0.74 0.00	21.06 0.71 0.00	32.06 0.67 0.00	34.82 0.52 0.00	30.11 0.42 0.00	24.18 0.43 0.00	20.24 0.35 0.00	18.90 0.35 0.00	19.11 0.38 0.00	18.03 0.45 0.00	20.82 0.40 0.00	26.92 0.47 0.00	38.26 0.86 0.00	83.49 1.78 0.00	44.76 0.76 0.00	30.90 0.54 0.00	24.67 0.39 0.00	21.33 0.40 0.00	21.19 0.41 0.00
BETHLEHEM___STEEL 23779	15.63 -1.56 1.16	17.54 -1.63 -0.14	15.24 -1.42 -0.02	16.61 -1.37 0.00	16.81 -1.43 0.00	17.85 -1.52 0.00	18.72 -1.63 0.00	28.59 -2.80 0.00	31.30 -3.01 0.00	27.43 -2.26 0.00	22.19 -1.56 0.00	18.41 -1.48 0.00	16.96 -1.60 0.00	17.07 -1.66 0.00	16.13 -1.46 0.00	18.61 -1.80 0.00	24.23 -2.22 0.00	34.14 -3.27 0.00	75.59 -6.12 0.00	40.45 -3.55 0.00	27.79 -2.58 0.00	22.35 -1.93 0.00	19.38 -1.55 0.00	19.69 -1.09 0.00
BETHLHEM_115KV_TB1 79974	19.04 0.69 0.00	20.85 0.77 -1.05	17.50 0.69 -0.18	18.70 0.72 0.00	18.97 0.73 0.00	20.12 0.73 0.00	21.06 0.71 0.00	32.09 0.70 0.00	34.87 0.56 0.00	30.16 0.47 0.00	24.22 0.46 0.00	20.27 0.38 0.00	18.93 0.37 0.00	19.13 0.41 0.00	18.05 0.46 0.00	20.84 0.43 0.00	26.95 0.50 0.00	38.30 0.89 0.00	83.61 1.89 0.00	44.82 0.82 0.00	30.94 0.57 0.00	24.72 0.43 0.00	21.36 0.43 0.00	21.22 0.45 0.00
BETHPAGE_CC_5 323564	19.73 1.39 0.00	21.45 1.55 -0.87	18.95 1.39 -0.93	19.46 1.49 0.00	44.50 1.47 -24.78	20.86 1.49 0.00	22.24 1.68 -0.21	33.57 2.18 0.00	176.23 2.18 -139.75	49.65 1.93 -18.03	25.29 1.54 0.00	21.20 1.31 0.00	19.91 1.36 0.00	20.13 1.41 0.00	18.99 1.41 0.00	21.83 1.42 0.00	28.13 1.68 0.00	39.78 2.37 0.00	85.89 4.95 0.77	46.21 2.22 0.00	32.10 1.74 0.00	25.89 1.61 0.00	22.35 1.42 0.00	22.24 1.46 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.68 -1.47 1.19	17.64 -1.54 -0.15	15.32 -1.33 -0.02	16.70 -1.27 0.00	16.90 -1.34 0.00	17.95 -1.43 0.00	18.82 -1.53 0.00	28.75 -2.65 0.00	31.47 -2.83 0.00	27.58 -2.11 0.00	22.31 -1.44 0.00	18.51 -1.38 0.00	17.06 -1.49 0.00	17.16 -1.56 0.00	16.21 -1.37 0.00	18.72 -1.70 0.00	24.36 -2.10 0.00	34.29 -3.12 0.00	75.94 -5.77 0.00	40.64 -3.36 0.00	27.93 -2.44 0.00	22.47 -1.82 0.00	19.49 -1.44 0.00	19.80 -0.97 0.00

BINGHAMTON___COGEN 23790	18.03 -0.31 0.00	19.14 -0.18 -0.29	16.48 -0.20 -0.05	17.80 -0.17 0.00	18.06 -0.18 0.00	19.14 -0.24 0.00	20.11 -0.24 0.00	30.88 -0.51 0.00	33.73 -0.57 0.00	29.32 -0.37 0.00	23.52 -0.23 0.00	19.67 -0.22 0.00	18.29 -0.26 0.00	18.54 -0.18 0.00	17.42 -0.16 0.00	20.16 -0.26 0.00	26.11 -0.34 0.00	36.92 -0.49 0.00	81.11 -0.60 0.00	43.36 -0.63 0.00	29.88 -0.49 0.00	23.97 -0.31 0.00	20.72 -0.21 0.00	20.78 0.00 0.00
BIXINCNT_115KV_LOAD 355685	15.55 -1.39 1.40	17.73 -1.46 -0.15	15.46 -1.20 -0.03	16.82 -1.15 0.00	16.99 -1.26 0.00	18.14 -1.24 0.00	18.94 -1.41 0.00	29.05 -2.34 0.00	31.83 -2.48 0.00	27.74 -1.95 0.00	22.56 -1.19 0.00	18.69 -1.20 0.00	17.25 -1.30 0.00	17.11 -1.61 0.00	16.16 -1.42 0.00	18.64 -1.78 0.00	24.07 -2.39 0.00	33.75 -3.66 0.00	75.04 -6.67 0.00	40.42 -3.57 0.00	27.96 -2.41 0.00	22.62 -1.67 0.00	19.76 -1.18 0.00	20.24 -0.54 0.00
BLACK RIVER___HYD 24047	17.31 -1.03 0.00	17.95 -1.13 -0.05	15.67 -0.97 -0.01	16.88 -1.09 0.00	17.14 -1.11 0.00	18.28 -1.10 0.00	19.21 -1.13 0.00	29.74 -1.65 0.00	32.64 -1.66 0.00	28.28 -1.41 0.00	22.66 -1.09 0.00	19.17 -0.72 0.00	17.76 -0.80 0.00	17.64 -1.08 0.00	16.38 -1.21 0.00	18.92 -1.49 0.00	24.75 -1.71 0.00	35.84 -1.56 0.00	79.90 -1.81 0.00	43.22 -0.77 0.00	29.82 -0.55 0.00	23.82 -0.46 0.00	20.37 -0.56 0.00	20.46 -0.32 0.00
BLACKRVR_115KV_TB2 79977	17.31 -1.03 0.00	17.95 -1.13 -0.05	15.67 -0.97 -0.01	16.88 -1.09 0.00	17.14 -1.11 0.00	18.28 -1.10 0.00	19.21 -1.14 0.00	29.74 -1.65 0.00	32.64 -1.66 0.00	28.28 -1.41 0.00	22.66 -1.10 0.00	19.17 -0.72 0.00	17.76 -0.80 0.00	17.64 -1.08 0.00	16.38 -1.21 0.00	18.92 -1.49 0.00	24.74 -1.71 0.00	35.84 -1.56 0.00	79.90 -1.81 0.00	43.23 -0.77 0.00	29.82 -0.55 0.00	23.82 -0.46 0.00	20.37 -0.56 0.00	20.46 -0.32 0.00
BLISS_WT_PWR 323608	15.47 -1.48 1.40	17.64 -1.54 -0.15	15.40 -1.25 -0.03	16.74 -1.23 0.00	16.91 -1.33 0.00	18.09 -1.29 0.00	18.89 -1.46 0.00	29.01 -2.38 0.00	31.79 -2.52 0.00	27.66 -2.03 0.00	22.53 -1.22 0.00	18.63 -1.25 0.00	17.21 -1.35 0.00	16.98 -1.75 0.00	16.03 -1.55 0.00	18.48 -1.94 0.00	23.85 -2.60 0.00	33.42 -3.98 0.00	74.43 -7.28 0.00	40.19 -3.81 0.00	27.84 -2.53 0.00	22.56 -1.73 0.00	19.18 -1.21 0.54	20.24 -0.54 0.00
BLUESTONE___WT_PWR 323821	19.11 -0.10 -0.87	19.86 0.52 -0.31	17.24 0.56 -0.05	18.71 0.73 0.00	19.00 0.76 0.00	20.19 0.81 0.00	20.63 0.28 0.00	31.67 0.28 0.00	34.73 0.42 0.00	30.54 0.85 0.00	24.55 0.80 0.00	20.39 0.50 0.00	18.85 0.29 0.00	19.03 0.30 0.00	17.83 0.25 0.00	20.42 0.00 0.00	27.33 0.88 0.00	38.40 0.99 0.00	84.48 2.76 0.00	45.20 1.20 0.00	30.79 0.42 0.00	24.71 0.43 0.00	21.58 0.55 -0.10	21.76 0.98 0.00
BLUE_CIRC_CHEM_DRP 24182	19.14 0.80 0.00	20.95 0.88 -1.04	17.60 0.79 -0.17	18.82 0.84 0.00	19.09 0.85 0.00	20.25 0.88 0.00	21.22 0.87 0.00	32.41 1.01 0.00	35.15 0.85 0.00	30.37 0.68 0.00	24.40 0.64 0.00	20.38 0.49 0.00	19.02 0.47 0.00	19.23 0.50 0.00	18.10 0.52 0.00	21.00 0.59 0.00	27.23 0.77 0.00	38.66 1.25 0.00	84.39 2.68 0.00	45.26 1.27 0.00	31.23 0.86 0.00	24.94 0.66 0.00	21.55 0.62 0.00	21.42 0.64 0.00
BOC_GAS_DRP 24189	18.96 0.62 0.00	20.77 0.69 -1.05	17.43 0.62 -0.18	18.63 0.66 0.00	18.89 0.65 0.00	20.04 0.66 0.00	21.02 0.67 0.00	32.13 0.74 0.00	34.94 0.64 0.00	30.24 0.55 0.00	24.27 0.52 0.00	20.32 0.43 0.00	18.98 0.42 0.00	19.18 0.45 0.00	18.07 0.49 0.00	20.87 0.46 0.00	26.99 0.54 0.00	38.32 0.91 0.00	83.70 1.98 0.00	44.87 0.87 0.00	30.98 0.61 0.00	24.76 0.48 0.00	21.39 0.46 0.00	21.28 0.50 0.00
BOONVILLE_115KV_TB1 79983	18.24 -0.10 0.00	18.93 -0.13 -0.03	16.53 -0.11 -0.01	17.84 -0.13 0.00	18.10 -0.14 0.00	19.26 -0.11 0.00	20.27 -0.08 0.00	31.27 -0.12 0.00	34.23 -0.08 0.00	29.62 -0.07 0.00	23.68 -0.07 0.00	19.91 0.03 0.00	18.53 -0.02 0.00	18.63 -0.09 0.00	17.47 -0.11 0.00	20.26 -0.16 0.00	26.31 -0.15 0.00	37.49 0.09 0.00	82.71 0.99 0.00	44.56 0.56 0.00	30.73 0.36 0.00	24.55 0.27 0.00	21.09 0.16 0.00	21.02 0.24 0.00
BORALEX_4TH_BRANCH 23824	19.51 1.16 0.00	21.35 1.26 -1.05	17.92 1.11 -0.18	19.17 1.20 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.67 1.32 0.00	33.05 1.66 0.00	35.72 1.42 0.00	30.83 1.14 0.00	24.82 1.07 0.00	20.76 0.87 0.00	19.41 0.85 0.00	19.65 0.92 0.00	18.54 0.96 0.00	21.38 0.97 0.00	27.59 1.13 0.00	39.35 1.94 0.00	85.89 4.18 0.00	46.06 2.07 0.00	31.72 1.35 0.00	25.24 0.96 0.00	21.84 0.91 0.00	21.67 0.89 0.00
BOWLINE___1 23526	19.39 1.05 0.00	21.05 1.15 -0.87	17.79 1.02 -0.15	19.05 1.08 0.00	19.29 1.05 0.00	20.46 1.08 0.00	21.55 1.20 0.00	32.90 1.51 0.00	35.78 1.47 0.00	31.03 1.34 0.00	24.94 1.19 0.00	20.90 1.02 0.00	19.57 1.02 0.00	19.78 1.05 0.00	18.64 1.06 0.00	21.43 1.01 0.00	27.65 1.20 0.00	39.23 1.82 0.00	85.74 4.03 0.00	45.80 1.80 0.00	31.71 1.34 0.00	25.40 1.12 0.00	21.95 1.02 0.00	21.87 1.09 0.00
BOWLINE___2 23595	19.40 1.05 0.00	21.05 1.15 -0.87	17.80 1.02 -0.15	19.05 1.08 0.00	19.29 1.05 0.00	20.46 1.08 0.00	21.54 1.19 0.00	32.90 1.51 0.00	35.77 1.47 0.00	31.03 1.34 0.00	24.94 1.19 0.00	20.90 1.02 0.00	19.57 1.01 0.00	19.78 1.05 0.00	18.64 1.06 0.00	21.43 1.01 0.00	27.65 1.19 0.00	39.23 1.82 0.00	85.73 4.01 0.00	45.78 1.79 0.00	31.70 1.34 0.00	25.40 1.12 0.00	21.95 1.02 0.00	21.87 1.09 0.00
BRADY___115KV_TB2 356060	18.32 -0.02 0.00	18.93 -0.10 0.00	16.53 -0.10 0.00	17.82 -0.15 0.00	18.12 -0.12 0.00	19.30 -0.08 0.00	20.26 -0.09 0.00	31.78 0.38 0.00	34.96 0.65 0.00	30.25 0.56 0.00	23.97 0.22 0.00	20.00 0.11 0.00	18.65 0.09 0.00	18.78 0.06 0.00	17.54 -0.04 0.00	20.70 0.28 0.00	26.79 0.34 0.00	38.00 0.59 0.00	83.00 1.29 0.00	44.96 0.96 0.00	30.95 0.59 0.00	24.76 0.47 0.00	21.27 0.34 0.00	20.81 0.03 0.00
BRANSCOMB___SOLAR 323811	19.30 0.96 0.00	21.18 1.07 -1.08	17.74 0.93 -0.18	18.97 1.00 0.00	19.24 1.00 0.00	20.44 1.06 0.00	21.47 1.12 0.00	32.85 1.46 0.00	35.58 1.27 0.00	30.73 1.05 0.00	24.60 0.85 0.00	20.67 0.79 0.00	19.27 0.71 0.00	19.41 0.69 0.00	18.36 0.78 0.00	21.36 0.94 0.00	27.66 1.21 0.00	39.34 1.94 0.00	85.90 4.18 0.00	46.02 2.03 0.00	31.70 1.34 0.00	25.24 0.96 0.00	21.79 0.86 0.00	21.61 0.84 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.92 1.57 0.00	21.67 1.77 -0.87	19.17 1.61 -0.93	19.69 1.72 0.00	44.73 1.71 -24.78	21.11 1.73 0.00	22.51 1.95 -0.21	33.92 2.53 0.00	182.60 2.10 -146.20	49.56 1.84 -18.03	25.45 1.69 0.00	21.31 1.42 0.00	20.05 1.49 0.00	20.28 1.56 0.00	19.15 1.57 0.00	22.02 1.60 0.00	28.40 1.94 0.00	40.21 2.80 0.00	86.86 6.00 0.85	46.69 2.69 0.00	32.44 2.07 0.00	26.20 1.91 0.00	22.54 1.61 0.00	22.44 1.66 0.00

BRISTLHL_115KV_TB1 79998	17.71 -0.63 0.00	18.49 -0.63 -0.08	16.09 -0.56 -0.01	17.40 -0.57 0.00	17.65 -0.59 0.00	18.74 -0.64 0.00	19.69 -0.66 0.00	30.26 -1.13 0.00	33.04 -1.26 0.00	28.63 -1.05 0.00	22.98 -0.77 0.00	19.25 -0.63 0.00	17.93 -0.62 0.00	18.10 -0.63 0.00	16.98 -0.60 0.00	19.59 -0.82 0.00	25.39 -1.06 0.00	35.99 -1.42 0.00	78.85 -2.86 0.00	42.32 -1.67 0.00	29.19 -1.18 0.00	23.35 -0.93 0.00	20.20 -0.73 0.00	20.28 -0.50 0.00
BROOKHAVEN___DRP 24191	19.86 1.51 0.00	21.64 1.74 -0.87	19.17 1.61 -0.93	19.70 1.73 0.00	44.74 1.71 -24.78	21.13 1.75 0.00	22.51 1.95 -0.21	33.95 2.56 0.00	183.62 2.36 -146.95	49.79 2.08 -18.03	25.40 1.65 0.00	21.21 1.33 0.00	19.97 1.41 0.00	20.21 1.49 0.00	19.10 1.51 0.00	21.95 1.54 0.00	28.38 1.92 0.00	40.20 2.79 0.00	86.85 6.01 0.87	46.61 2.62 0.00	32.36 1.99 0.00	26.18 1.89 0.00	22.54 1.61 0.00	22.42 1.64 0.00
BROOKLYN_NAVY_YARD 23515	19.48 1.13 0.00	21.17 1.26 -0.87	17.91 1.13 -0.15	19.15 1.18 0.00	19.38 1.13 0.00	20.57 1.19 0.00	21.68 1.33 0.00	33.09 1.69 0.00	35.90 1.60 0.00	31.24 1.55 0.00	25.08 1.33 0.00	21.05 1.16 0.00	19.73 1.17 0.00	19.91 1.19 0.00	18.77 1.18 0.00	21.50 1.08 0.00	27.68 1.23 0.00	39.25 1.84 0.00	86.10 4.03 -0.35	45.75 1.76 0.00	31.76 1.39 0.00	25.42 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00
BROOKLYN___ARMY_DRP 323595	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
BROOKVLE_69_KV_TB1 55790	19.78 1.43 0.00	21.50 1.60 -0.87	18.98 1.41 -0.93	19.48 1.51 0.00	44.53 1.50 -24.78	20.89 1.52 0.00	22.27 1.72 -0.21	33.64 2.25 0.00	168.83 2.33 -132.19	49.81 2.09 -18.03	25.43 1.67 0.00	21.31 1.42 0.00	20.00 1.44 0.00	20.21 1.49 0.00	19.06 1.48 0.00	21.91 1.50 0.00	28.24 1.79 0.00	39.99 2.58 0.00	86.64 5.40 0.48	46.47 2.47 0.00	32.27 1.90 0.00	25.99 1.70 0.00	22.42 1.48 0.00	22.31 1.53 0.00
BROOME_2_LFGE 323671	18.03 -0.31 0.00	19.14 -0.18 -0.29	16.48 -0.20 -0.05	17.80 -0.17 0.00	18.06 -0.18 0.00	19.14 -0.24 0.00	20.11 -0.24 0.00	30.88 -0.51 0.00	33.73 -0.57 0.00	29.32 -0.37 0.00	23.52 -0.23 0.00	19.67 -0.22 0.00	18.29 -0.26 0.00	18.54 -0.18 0.00	17.42 -0.16 0.00	20.16 -0.26 0.00	26.11 -0.34 0.00	36.92 -0.49 0.00	81.11 -0.60 0.00	43.36 -0.63 0.00	29.88 -0.49 0.00	23.98 -0.31 0.00	20.85 -0.22 -0.13	20.77 -0.01 0.00
BROOME___LFGE 323600	18.03 -0.31 0.00	19.14 -0.18 -0.29	16.48 -0.20 -0.05	17.80 -0.17 0.00	18.06 -0.18 0.00	19.14 -0.24 0.00	20.11 -0.24 0.00	30.88 -0.51 0.00	33.73 -0.57 0.00	29.32 -0.37 0.00	23.52 -0.23 0.00	19.67 -0.22 0.00	18.29 -0.26 0.00	18.54 -0.18 0.00	17.42 -0.16 0.00	20.16 -0.26 0.00	26.11 -0.34 0.00	36.92 -0.49 0.00	81.11 -0.60 0.00	43.36 -0.63 0.00	29.88 -0.49 0.00	23.98 -0.31 0.00	20.85 -0.22 -0.13	20.77 -0.01 0.00
BROWNFLS_115KV_TB_3_5 80003	17.58 -0.76 0.00	18.20 -0.85 -0.03	15.88 -0.76 0.00	17.11 -0.86 0.00	17.36 -0.88 0.00	18.48 -0.89 0.00	19.43 -0.92 0.00	30.31 -1.08 0.00	33.33 -0.98 0.00	28.85 -0.84 0.00	23.01 -0.74 0.00	19.36 -0.53 0.00	18.01 -0.55 0.00	18.01 -0.72 0.00	16.81 -0.78 0.00	19.68 -0.73 0.00	25.51 -0.94 0.00	36.44 -0.96 0.00	80.42 -1.29 0.00	43.55 -0.45 0.00	29.99 -0.37 0.00	23.98 -0.31 0.00	20.58 -0.35 0.00	20.37 -0.40 0.00
BROWNSV1_27_KV_LOAD 356125	19.64 1.30 0.00	21.32 1.42 -0.87	18.03 1.25 -0.15	19.29 1.32 0.00	19.53 1.29 0.00	20.71 1.33 0.00	21.85 1.50 0.00	33.34 1.95 0.00	36.20 1.90 0.00	31.48 1.79 0.00	25.31 1.56 0.00	21.24 1.35 0.00	19.92 1.36 0.00	20.10 1.38 0.00	18.94 1.36 0.00	21.70 1.29 0.00	27.97 1.51 0.00	39.64 2.23 0.00	86.63 4.92 0.00	46.22 2.22 0.00	32.08 1.71 0.00	25.68 1.40 0.00	22.19 1.26 0.00	22.12 1.34 0.00
BURROWS___LYONSDAL 23803	18.01 -0.33 0.00	18.69 -0.38 -0.03	16.31 -0.33 -0.01	17.60 -0.38 0.00	17.86 -0.38 0.00	19.01 -0.36 0.00	20.01 -0.34 0.00	30.90 -0.49 0.00	33.85 -0.46 0.00	29.28 -0.41 0.00	23.42 -0.34 0.00	19.74 -0.15 0.00	18.35 -0.21 0.00	18.40 -0.33 0.00	17.23 -0.35 0.00	19.98 -0.44 0.00	25.96 -0.49 0.00	37.09 -0.32 0.00	82.10 0.39 0.00	44.30 0.31 0.00	30.55 0.18 0.00	24.41 0.12 0.00	20.94 0.01 0.00	20.89 0.11 0.00
CAITHNESS_CC_1 323624	19.81 1.47 0.00	21.59 1.69 -0.87	19.12 1.56 -0.93	19.65 1.68 0.00	44.69 1.66 -24.78	21.08 1.70 0.00	22.45 1.89 -0.21	33.86 2.47 0.00	183.54 2.27 -146.97	49.72 2.01 -18.03	25.35 1.59 0.00	21.19 1.31 0.00	19.94 1.39 0.00	20.18 1.46 0.00	19.06 1.49 0.00	21.91 1.50 0.00	28.30 1.84 0.00	40.09 2.68 0.00	86.63 5.78 0.87	46.51 2.52 0.00	32.29 1.92 0.00	26.11 1.83 0.00	22.48 1.55 0.00	22.37 1.59 0.00
CALPINE BETH_PAGE_GT4 24209	19.70 1.36 0.00	21.42 1.52 -0.87	18.93 1.37 -0.93	19.43 1.46 0.00	44.47 1.44 -24.78	20.83 1.45 0.00	22.20 1.64 -0.21	33.51 2.12 0.00	173.09 2.13 -136.66	49.61 1.89 -18.03	25.24 1.49 0.00	21.16 1.27 0.00	19.88 1.32 0.00	20.09 1.37 0.00	18.95 1.38 0.00	21.79 1.38 0.00	28.07 1.62 0.00	39.64 2.24 0.00	85.60 4.59 0.71	46.04 2.05 0.00	31.98 1.61 0.00	25.82 1.53 0.00	22.33 1.40 0.00	22.21 1.44 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.70 1.36 0.00	21.42 1.52 -0.87	18.93 1.37 -0.93	19.43 1.46 0.00	44.47 1.44 -24.78	20.83 1.45 0.00	22.20 1.64 -0.21	33.51 2.12 0.00	173.10 2.13 -136.66	49.61 1.89 -18.03	25.24 1.49 0.00	21.16 1.27 0.00	19.88 1.32 0.00	20.09 1.37 0.00	18.95 1.38 0.00	21.79 1.37 0.00	28.07 1.62 0.00	39.64 2.24 0.00	85.63 4.62 0.71	46.05 2.05 0.00	31.98 1.61 0.00	25.82 1.53 0.00	22.33 1.40 0.00	22.21 1.44 0.00
CALPINE_BP_GT1 23823	19.70 1.36 0.00	21.42 1.52 -0.87	18.93 1.37 -0.93	19.43 1.46 0.00	44.47 1.44 -24.78	20.83 1.45 0.00	22.20 1.64 -0.21	33.51 2.12 0.00	173.10 2.13 -136.66	49.61 1.89 -18.03	25.24 1.49 0.00	21.16 1.27 0.00	19.88 1.32 0.00	20.09 1.37 0.00	18.95 1.38 0.00	21.79 1.37 0.00	28.07 1.62 0.00	39.64 2.24 0.00	85.63 4.62 0.71	46.05 2.05 0.00	31.98 1.61 0.00	25.82 1.53 0.00	22.33 1.40 0.00	22.21 1.44 0.00
CALSPAN___DRP 24200	15.63 -1.56 1.16	17.54 -1.63 -0.14	15.24 -1.42 -0.02	16.61 -1.37 0.00	16.81 -1.43 0.00	17.85 -1.52 0.00	18.72 -1.63 0.00	28.59 -2.80 0.00	31.30 -3.01 0.00	27.43 -2.26 0.00	22.19 -1.56 0.00	18.41 -1.48 0.00	16.96 -1.60 0.00	17.07 -1.66 0.00	16.13 -1.46 0.00	18.61 -1.80 0.00	24.23 -2.22 0.00	34.14 -3.27 0.00	75.59 -6.12 0.00	40.45 -3.55 0.00	27.79 -2.58 0.00	22.35 -1.93 0.00	19.38 -1.55 0.00	19.69 -1.09 0.00

CALVERTON___SOLAR 323806	19.90 1.56 0.00	21.70 1.80 -0.87	19.22 1.66 -0.93	19.76 1.79 0.00	44.80 1.77 -24.78	21.20 1.82 0.00	22.59 2.03 -0.21	34.06 2.66 0.00	183.69 2.44 -146.94	49.89 2.17 -18.03	25.46 1.71 0.00	21.25 1.36 0.00	20.00 1.45 0.00	20.25 1.52 0.00	19.13 1.55 0.00	22.00 1.58 0.00	28.47 2.02 0.00	40.34 2.94 0.00	87.18 6.34 0.87	46.74 2.75 0.00	32.44 2.07 0.00	26.25 1.96 0.00	22.60 1.67 0.00	22.48 1.70 0.00
CANDIGU_WT_PWR 323617	13.32 -1.26 3.76	18.33 -0.93 -0.23	15.70 -0.97 -0.04	17.03 -0.94 0.00	17.42 -0.83 0.00	18.31 -1.07 0.00	19.34 -1.01 0.00	29.64 -1.75 0.00	32.45 -1.86 0.00	28.38 -1.31 0.00	22.71 -1.04 0.00	19.01 -0.88 0.00	17.52 -1.04 0.00	17.87 -0.85 0.00	16.82 -0.76 0.00	19.31 -1.11 0.00	24.95 -1.51 0.00	35.28 -2.13 0.00	77.95 -3.77 0.00	41.59 -2.40 0.00	28.73 -1.64 0.00	23.32 -0.96 0.00	20.68 -0.62 -0.37	20.40 -0.38 0.00
CARR STREET_E_SYR 24060	17.84 -0.50 0.00	18.64 -0.48 -0.09	16.21 -0.43 -0.02	17.54 -0.44 0.00	17.79 -0.45 0.00	18.88 -0.50 0.00	19.84 -0.51 0.00	30.49 -0.91 0.00	33.29 -1.01 0.00	28.86 -0.83 0.00	23.15 -0.60 0.00	19.38 -0.50 0.00	18.05 -0.50 0.00	18.24 -0.49 0.00	17.13 -0.45 0.00	19.78 -0.64 0.00	25.62 -0.83 0.00	36.29 -1.12 0.00	79.53 -2.18 0.00	42.65 -1.35 0.00	29.41 -0.96 0.00	23.54 -0.75 0.00	20.36 -0.57 0.00	20.44 -0.34 0.00
CARTHAGE___PAPER 23857	17.52 -0.82 0.00	18.16 -0.92 -0.05	15.85 -0.79 -0.01	17.06 -0.91 0.00	17.33 -0.92 0.00	18.48 -0.90 0.00	19.44 -0.91 0.00	30.14 -1.25 0.00	33.10 -1.21 0.00	28.63 -1.06 0.00	22.91 -0.84 0.00	19.37 -0.51 0.00	17.96 -0.60 0.00	17.87 -0.85 0.00	16.60 -0.98 0.00	19.26 -1.16 0.00	25.16 -1.29 0.00	36.31 -1.09 0.00	80.87 -0.85 0.00	43.79 -0.20 0.00	30.19 -0.18 0.00	24.12 -0.17 0.00	20.63 -0.30 0.00	20.62 -0.16 0.00
CASSADAGA_WT_PWR 323784	15.13 -1.81 1.40	17.31 -1.87 -0.16	15.14 -1.51 -0.03	16.57 -1.41 0.00	16.69 -1.56 0.00	17.85 -1.53 0.00	18.88 -1.47 0.00	28.76 -2.63 0.00	31.50 -2.81 0.00	27.61 -2.08 0.00	22.39 -1.36 0.00	18.53 -1.35 0.00	17.00 -1.55 0.00	17.20 -1.52 0.00	16.10 -1.48 0.00	18.66 -1.76 0.00	24.13 -2.32 0.00	34.14 -3.27 0.00	76.85 -4.87 0.00	41.17 -2.83 0.00	28.46 -1.91 0.00	22.99 -1.29 0.00	19.31 -1.04 0.59	20.20 -0.58 0.00
CE_DUNWOOD___DRP 24194	19.40 1.06 0.00	21.07 1.16 -0.87	17.80 1.03 -0.15	19.06 1.08 0.00	19.30 1.06 0.00	20.47 1.09 0.00	21.55 1.21 0.00	32.92 1.52 0.00	35.78 1.48 0.00	31.04 1.35 0.00	24.95 1.20 0.00	20.91 1.02 0.00	19.59 1.03 0.00	19.79 1.07 0.00	18.66 1.08 0.00	21.44 1.02 0.00	27.65 1.20 0.00	39.23 1.83 0.00	85.74 4.03 0.00	45.78 1.79 0.00	31.72 1.35 0.00	25.41 1.13 0.00	21.96 1.03 0.00	21.88 1.10 0.00
CE_MILLWOOD___DRP 24193	19.38 1.03 0.00	21.03 1.13 -0.87	17.78 1.00 -0.15	19.03 1.06 0.00	19.26 1.02 0.00	20.43 1.05 0.00	21.52 1.17 0.00	32.87 1.47 0.00	35.74 1.44 0.00	31.00 1.31 0.00	24.91 1.16 0.00	20.88 0.99 0.00	19.55 1.00 0.00	19.75 1.03 0.00	18.62 1.04 0.00	21.41 0.99 0.00	27.62 1.16 0.00	39.18 1.78 0.00	85.63 3.92 0.00	45.73 1.73 0.00	31.67 1.31 0.00	25.37 1.09 0.00	21.93 0.99 0.00	21.85 1.07 0.00
CE_NYC2_DRP 24202	19.50 1.15 0.00	21.19 1.29 -0.87	17.91 1.13 -0.15	19.16 1.19 0.00	19.40 1.15 0.00	20.58 1.20 0.00	21.69 1.34 0.00	33.09 1.70 0.00	35.97 1.66 0.00	31.27 1.58 0.00	25.11 1.36 0.00	21.08 1.19 0.00	19.78 1.23 0.00	19.94 1.21 0.00	18.79 1.21 0.00	21.51 1.10 0.00	27.73 1.27 0.00	39.28 1.88 0.00	85.88 4.16 0.00	45.81 1.82 0.00	31.84 1.47 0.00	25.47 1.19 0.00	22.00 1.07 0.00	21.98 1.20 0.00
CE_NYC_DRP 24195	19.47 1.13 0.00	21.16 1.25 -0.87	17.90 1.12 -0.15	19.15 1.18 0.00	19.38 1.13 0.00	20.56 1.18 0.00	21.67 1.33 0.00	33.08 1.69 0.00	35.90 1.60 0.00	31.21 1.52 0.00	25.08 1.33 0.00	21.05 1.17 0.00	19.75 1.19 0.00	19.93 1.21 0.00	18.78 1.20 0.00	21.52 1.10 0.00	27.71 1.26 0.00	39.28 1.88 0.00	85.85 4.14 0.00	45.80 1.80 0.00	31.78 1.42 0.00	25.45 1.17 0.00	22.00 1.06 0.00	21.94 1.16 0.00
CHAFFEE___LFGE 323603	15.60 -1.47 1.28	17.64 -1.54 -0.15	15.31 -1.35 -0.03	16.67 -1.30 0.00	16.90 -1.34 0.00	17.93 -1.45 0.00	18.78 -1.57 0.00	28.69 -2.71 0.00	31.42 -2.88 0.00	27.53 -2.16 0.00	22.28 -1.48 0.00	18.47 -1.41 0.00	17.05 -1.51 0.00	17.15 -1.57 0.00	16.21 -1.37 0.00	18.71 -1.71 0.00	24.33 -2.12 0.00	34.28 -3.12 0.00	75.87 -5.84 0.00	40.60 -3.39 0.00	27.90 -2.47 0.00	22.45 -1.83 0.00	18.95 -1.47 0.51	19.75 -1.03 0.00
CHATEAUG_35_KV_LOAD 355732	17.82 -0.52 0.00	18.54 -0.49 0.00	16.13 -0.51 0.00	17.27 -0.70 0.00	17.64 -0.60 0.00	18.95 -0.43 0.00	19.98 -0.37 0.00	31.21 -0.18 0.00	34.49 0.18 0.00	30.14 0.45 0.00	24.03 0.28 0.00	20.03 0.15 0.00	18.72 0.16 0.00	18.81 0.08 0.00	17.70 0.12 0.00	21.12 0.71 0.00	27.49 1.04 0.00	38.88 1.48 0.00	84.67 2.96 0.00	45.42 1.42 0.00	30.86 0.49 0.00	24.46 0.17 0.00	20.88 -0.05 0.00	20.47 -0.31 0.00
CHATEAUG_WT_PWR 323614	17.75 -0.60 0.00	18.47 -0.56 0.00	16.06 -0.57 0.00	17.19 -0.78 0.00	17.57 -0.67 0.00	18.89 -0.49 0.00	19.93 -0.42 0.00	31.09 -0.31 0.00	34.33 0.02 0.00	30.03 0.34 0.00	23.96 0.21 0.00	19.99 0.10 0.00	18.67 0.11 0.00	18.75 0.03 0.00	17.65 0.07 0.00	21.07 0.65 0.00	27.42 0.97 0.00	38.80 1.40 0.00	84.49 2.77 0.00	45.27 1.28 0.00	30.75 0.38 0.00	24.34 0.06 0.00	20.79 -0.13 0.00	20.39 -0.39 0.00
CHAT_HIGH_FALL_HYD 323578	17.82 -0.52 0.00	18.54 -0.49 0.00	16.13 -0.51 0.00	17.27 -0.70 0.00	17.64 -0.60 0.00	18.95 -0.43 0.00	19.98 -0.37 0.00	31.21 -0.18 0.00	34.49 0.18 0.00	30.14 0.45 0.00	24.03 0.28 0.00	20.03 0.15 0.00	18.72 0.16 0.00	18.81 0.08 0.00	17.70 0.12 0.00	21.12 0.71 0.00	27.49 1.04 0.00	38.88 1.48 0.00	84.67 2.96 0.00	45.42 1.42 0.00	30.86 0.49 0.00	24.46 0.17 0.00	20.88 -0.05 0.00	20.47 -0.31 0.00
CHAUTAUQUA___LFGE 323629	15.37 -1.68 1.30	17.47 -1.72 -0.15	15.18 -1.48 -0.03	16.54 -1.43 0.00	16.75 -1.49 0.00	17.84 -1.54 0.00	18.77 -1.58 0.00	28.69 -2.70 0.00	31.45 -2.85 0.00	27.57 -2.12 0.00	22.30 -1.45 0.00	18.46 -1.43 0.00	16.97 -1.59 0.00	17.13 -1.60 0.00	16.12 -1.46 0.00	18.62 -1.80 0.00	24.19 -2.26 0.00	34.17 -3.24 0.00	76.22 -5.49 0.00	40.80 -3.20 0.00	28.12 -2.25 0.00	22.66 -1.62 0.00	19.06 -1.32 0.55	19.91 -0.87 0.00
CHERRYST_13_KV_LD 356241	19.51 1.17 0.00	21.21 1.30 -0.87	17.93 1.16 -0.15	19.20 1.22 0.00	19.42 1.18 0.00	20.60 1.23 0.00	21.73 1.38 0.00	33.17 1.78 0.00	36.00 1.69 0.00	31.30 1.61 0.00	25.16 1.41 0.00	21.11 1.23 0.00	19.80 1.24 0.00	19.99 1.26 0.00	18.83 1.25 0.00	21.58 1.16 0.00	27.79 1.33 0.00	39.39 1.98 0.00	86.09 4.37 0.00	45.92 1.93 0.00	31.86 1.50 0.00	25.51 1.23 0.00	22.04 1.11 0.00	21.99 1.21 0.00

CHESTROR_138KV_BK263 355645	19.11 0.76 0.00	20.67 0.85 -0.79	17.50 0.74 -0.13	18.76 0.79 0.00	19.01 0.77 0.00	20.16 0.78 0.00	21.23 0.88 0.00	32.47 1.08 0.00	35.34 1.04 0.00	30.61 0.92 0.00	24.63 0.87 0.00	20.61 0.72 0.00	19.27 0.71 0.00	19.47 0.74 0.00	18.34 0.76 0.00	21.13 0.71 0.00	27.30 0.84 0.00	38.74 1.33 0.00	84.74 3.03 0.00	45.28 1.28 0.00	31.32 0.95 0.00	25.09 0.80 0.00	21.67 0.74 0.00	21.60 0.82 0.00
CH_MIDHUDSON___DRP 24192	19.40 1.06 0.00	21.07 1.16 -0.88	17.80 1.02 -0.15	19.06 1.09 0.00	19.30 1.06 0.00	20.47 1.09 0.00	21.54 1.19 0.00	32.91 1.52 0.00	35.79 1.48 0.00	31.01 1.32 0.00	24.90 1.15 0.00	20.86 0.98 0.00	19.54 0.98 0.00	19.73 1.01 0.00	18.60 1.02 0.00	21.43 1.01 0.00	27.66 1.21 0.00	39.28 1.88 0.00	85.85 4.14 0.00	45.88 1.88 0.00	31.74 1.37 0.00	25.39 1.10 0.00	21.94 1.01 0.00	21.85 1.07 0.00
CH_MISC_IPPS 23765	19.44 1.10 0.00	21.10 1.20 -0.86	17.83 1.06 -0.15	19.10 1.13 0.00	19.35 1.11 0.00	20.52 1.14 0.00	21.61 1.26 0.00	33.04 1.65 0.00	35.93 1.62 0.00	31.14 1.45 0.00	25.01 1.26 0.00	20.95 1.07 0.00	19.61 1.05 0.00	19.80 1.07 0.00	18.66 1.08 0.00	21.49 1.08 0.00	27.77 1.32 0.00	39.45 2.04 0.00	86.25 4.53 0.00	46.07 2.08 0.00	31.86 1.50 0.00	25.50 1.22 0.00	22.02 1.09 0.00	21.94 1.16 0.00
CH_RES_BVR_FALLS 23983	17.86 -0.49 0.00	18.49 -0.54 0.00	16.15 -0.49 0.00	17.43 -0.54 0.00	17.78 -0.46 0.00	18.97 -0.41 0.00	19.93 -0.42 0.00	30.96 -0.43 0.00	33.97 -0.33 0.00	29.42 -0.27 0.00	23.46 -0.30 0.00	19.68 -0.21 0.00	18.36 -0.20 0.00	18.47 -0.26 0.00	17.27 -0.31 0.00	20.12 -0.30 0.00	26.04 -0.41 0.00	36.77 -0.64 0.00	80.92 -0.79 0.00	43.92 -0.07 0.00	30.33 -0.04 0.00	24.22 -0.06 0.00	20.77 -0.16 0.00	20.54 -0.24 0.00
CH_RES_NIAGARA 23895	15.27 -2.04 1.03	16.95 -2.22 -0.13	14.71 -1.94 -0.02	16.03 -1.94 0.00	16.25 -1.99 0.00	17.22 -2.16 0.00	18.01 -2.34 0.00	27.48 -3.91 0.00	30.08 -4.22 0.00	26.36 -3.33 0.00	21.32 -2.43 0.00	17.68 -2.20 0.00	16.31 -2.24 0.00	16.40 -2.32 0.00	15.54 -2.04 0.00	17.92 -2.49 0.00	23.35 -3.11 0.00	32.83 -4.58 0.00	72.49 -9.22 0.00	38.79 -5.20 0.00	26.64 -3.74 0.00	21.41 -2.87 0.00	18.17 -2.35 0.41	18.92 -1.86 0.00
CH_RES_SYRACUSE 23985	17.97 -0.37 0.00	18.78 -0.35 -0.10	16.33 -0.32 -0.02	17.66 -0.32 0.00	17.91 -0.33 0.00	19.01 -0.37 0.00	19.99 -0.36 0.00	30.73 -0.66 0.00	33.54 -0.77 0.00	29.07 -0.62 0.00	23.32 -0.43 0.00	19.53 -0.36 0.00	18.19 -0.37 0.00	18.37 -0.35 0.00	17.26 -0.32 0.00	19.94 -0.47 0.00	25.82 -0.63 0.00	36.56 -0.85 0.00	80.13 -1.59 0.00	42.96 -1.04 0.00	29.61 -0.76 0.00	23.71 -0.57 0.00	20.50 -0.43 0.00	20.58 -0.20 0.00
CLINTON_WT_PWR 323605	17.75 -0.60 0.00	18.47 -0.56 0.00	16.06 -0.57 0.00	17.19 -0.78 0.00	17.57 -0.67 0.00	18.89 -0.49 0.00	19.93 -0.42 0.00	31.09 -0.31 0.00	34.33 0.02 0.00	30.03 0.34 0.00	23.96 0.21 0.00	19.99 0.10 0.00	18.67 0.11 0.00	18.75 0.03 0.00	17.65 0.07 0.00	21.07 0.65 0.00	27.42 0.97 0.00	38.80 1.40 0.00	84.49 2.77 0.00	45.27 1.28 0.00	30.75 0.38 0.00	24.34 0.06 0.00	20.79 -0.13 0.00	20.39 -0.39 0.00
CLINTON___LFGE 323618	18.03 -0.32 0.00	18.73 -0.31 0.00	16.30 -0.33 0.00	17.45 -0.52 0.00	17.82 -0.42 0.00	19.14 -0.24 0.00	20.21 -0.14 0.00	31.52 0.12 0.00	34.79 0.49 0.00	30.47 0.78 0.00	24.31 0.56 0.00	20.31 0.42 0.00	18.96 0.40 0.00	19.08 0.35 0.00	17.94 0.36 0.00	21.36 0.94 0.00	27.81 1.36 0.00	39.43 2.03 0.00	85.92 4.21 0.00	46.00 2.01 0.00	31.24 0.87 0.00	24.70 0.41 0.00	21.09 0.16 0.00	20.69 -0.09 0.00
COBBLENY_34_KV_TB1 80064	15.59 -1.47 1.28	17.63 -1.55 -0.15	15.30 -1.35 -0.03	16.68 -1.29 0.00	16.89 -1.36 0.00	17.92 -1.45 0.00	18.78 -1.57 0.00	28.68 -2.71 0.00	31.42 -2.89 0.00	27.53 -2.16 0.00	22.27 -1.48 0.00	18.48 -1.40 0.00	17.04 -1.51 0.00	17.15 -1.57 0.00	16.22 -1.37 0.00	18.70 -1.71 0.00	24.33 -2.12 0.00	34.29 -3.12 0.00	75.87 -5.84 0.00	40.60 -3.39 0.00	27.90 -2.47 0.00	22.44 -1.84 0.00	19.46 -1.47 0.00	19.75 -1.03 0.00
COFFEEN___115KV_TB3 355620	17.43 -0.91 0.00	18.07 -1.02 -0.05	15.76 -0.88 -0.01	16.99 -0.99 0.00	17.24 -1.00 0.00	18.39 -0.99 0.00	19.34 -1.01 0.00	29.93 -1.46 0.00	32.86 -1.44 0.00	28.50 -1.19 0.00	22.81 -0.94 0.00	19.27 -0.62 0.00	17.84 -0.72 0.00	17.72 -1.01 0.00	16.42 -1.16 0.00	18.96 -1.46 0.00	24.84 -1.61 0.00	36.09 -1.31 0.00	80.49 -1.22 0.00	43.51 -0.48 0.00	30.01 -0.36 0.00	23.97 -0.32 0.00	20.50 -0.43 0.00	20.57 -0.21 0.00
COLDSPRG_115KV_BK1 355956	15.67 -1.12 1.55	18.10 -1.10 -0.16	15.70 -0.96 -0.03	17.14 -0.84 0.00	17.30 -0.94 0.00	18.37 -1.01 0.00	19.27 -1.08 0.00	29.41 -1.98 0.00	32.24 -2.06 0.00	28.25 -1.44 0.00	22.84 -0.91 0.00	19.00 -0.89 0.00	17.56 -1.00 0.00	17.85 -0.88 0.00	16.76 -0.82 0.00	19.42 -1.00 0.00	25.08 -1.37 0.00	35.26 -2.14 0.00	78.49 -3.22 0.00	41.85 -2.15 0.00	28.78 -1.59 0.00	23.27 -1.01 0.00	20.19 -0.74 0.00	20.55 -0.23 0.00
COLONIE_LFGE___ 323577	19.20 0.86 0.00	21.05 0.94 -1.07	17.64 0.83 -0.18	18.87 0.89 0.00	19.13 0.89 0.00	20.31 0.93 0.00	21.31 0.96 0.00	32.56 1.17 0.00	35.32 1.02 0.00	30.52 0.83 0.00	24.51 0.76 0.00	20.53 0.65 0.00	19.16 0.60 0.00	19.36 0.63 0.00	18.28 0.70 0.00	21.14 0.72 0.00	27.32 0.87 0.00	38.87 1.47 0.00	84.87 3.16 0.00	45.49 1.50 0.00	31.37 1.00 0.00	25.01 0.72 0.00	21.62 0.69 0.00	21.47 0.69 0.00
COOPERNY_115KV_TB1 80082	18.89 0.55 0.00	20.30 0.63 -0.65	17.29 0.55 -0.11	18.56 0.59 0.00	18.81 0.57 0.00	19.96 0.58 0.00	20.99 0.64 0.00	32.16 0.77 0.00	35.05 0.75 0.00	30.36 0.67 0.00	24.38 0.62 0.00	20.42 0.53 0.00	19.08 0.52 0.00	19.27 0.54 0.00	18.14 0.56 0.00	20.93 0.51 0.00	27.06 0.61 0.00	38.36 0.96 0.00	83.90 2.19 0.00	44.89 0.90 0.00	31.03 0.67 0.00	24.86 0.57 0.00	21.48 0.54 0.00	21.39 0.61 0.00
COPENHAGEN_WT_PWR 323753	17.12 -1.23 0.00	17.76 -1.33 -0.06	15.50 -1.14 -0.01	16.68 -1.28 0.00	16.94 -1.30 0.00	18.08 -1.31 0.00	19.00 -1.35 0.00	29.38 -2.01 0.00	32.23 -2.08 0.00	27.93 -1.75 0.00	22.40 -1.35 0.00	19.00 -0.89 0.00	17.60 -0.95 0.00	17.49 -1.24 0.00	16.23 -1.35 0.00	18.73 -1.68 0.00	24.45 -2.00 0.00	35.40 -2.01 0.00	79.02 -2.70 0.00	42.78 -1.21 0.00	29.54 -0.83 0.00	23.60 -0.69 0.00	20.17 -0.76 0.00	20.32 -0.46 0.00
CORNELL_____ 23752	24.36 -0.07 -6.09	19.27 0.03 -0.21	16.66 -0.01 -0.04	18.01 0.04 0.00	18.28 0.04 0.00	19.40 0.02 0.00	20.41 0.06 0.00	31.40 0.01 0.00	34.28 -0.03 0.00	29.76 0.07 0.00	23.80 0.05 0.00	19.89 0.01 0.00	18.52 -0.03 0.00	18.76 0.04 0.00	17.66 0.08 0.00	20.43 0.02 0.00	26.50 0.04 0.00	37.53 0.12 0.00	82.38 0.67 0.00	44.08 0.08 0.00	30.36 -0.01 0.00	24.35 0.06 0.00	21.03 0.09 0.00	21.07 0.29 0.00

CORONA__69_KV_TB1 355595	19.70 1.35 0.00	21.39 1.49 -0.87	18.89 1.33 -0.93	19.38 1.41 0.00	44.40 1.37 -24.78	20.77 1.39 0.00	22.14 1.58 -0.21	33.42 2.02 0.00	118.27 2.01 -81.96	49.55 1.83 -18.03	25.29 1.53 0.00	21.21 1.32 0.00	19.90 1.35 0.00	20.12 1.39 0.00	18.98 1.40 0.00	21.81 1.39 0.00	28.08 1.62 0.00	39.71 2.30 0.00	86.23 4.47 -0.04	46.04 2.05 0.00	32.10 1.74 0.00	25.86 1.58 0.00	22.30 1.37 0.00	22.20 1.42 0.00
CORTLAND__115KV_TB3 80093	19.82 -0.14 -1.62	19.14 -0.07 -0.17	16.57 -0.08 -0.03	17.92 -0.05 0.00	18.17 -0.07 0.00	19.29 -0.09 0.00	20.29 -0.06 0.00	31.18 -0.21 0.00	34.05 -0.25 0.00	29.54 -0.15 0.00	23.65 -0.10 0.00	19.78 -0.10 0.00	18.43 -0.13 0.00	18.66 -0.07 0.00	17.53 -0.05 0.00	20.30 -0.11 0.00	26.30 -0.15 0.00	37.25 -0.15 0.00	81.74 0.03 0.00	43.76 -0.23 0.00	30.16 -0.21 0.00	24.17 -0.12 0.00	20.87 -0.06 0.00	20.89 0.12 0.00
COXSACKIE__GT 23611	19.98 1.64 0.00	21.75 1.72 -1.00	18.31 1.51 -0.17	19.60 1.62 0.00	19.89 1.65 0.00	21.14 1.76 0.00	22.15 1.81 0.00	33.89 2.50 0.00	36.73 2.43 0.00	31.73 2.04 0.00	25.38 1.62 0.00	20.92 1.03 0.00	19.63 1.08 0.00	19.68 0.95 0.00	18.46 0.88 0.00	21.65 1.23 0.00	28.58 2.13 0.00	40.90 3.49 0.00	89.17 7.46 0.00	47.65 3.66 0.00	32.74 2.37 0.00	26.08 1.79 0.00	22.46 1.53 0.00	22.27 1.49 0.00
CPV_VALLEY__CC1 323721	18.98 0.63 0.00	20.48 0.71 -0.74	17.38 0.63 -0.12	18.64 0.66 0.00	18.89 0.65 0.00	20.03 0.65 0.00	21.09 0.74 0.00	32.25 0.86 0.00	35.10 0.80 0.00	30.42 0.73 0.00	24.46 0.71 0.00	20.48 0.60 0.00	19.15 0.59 0.00	19.34 0.61 0.00	18.22 0.64 0.00	20.99 0.58 0.00	27.12 0.66 0.00	38.47 1.06 0.00	84.14 2.43 0.00	44.97 0.97 0.00	31.10 0.73 0.00	24.92 0.63 0.00	21.54 0.60 0.00	21.46 0.67 0.00
CPV_VALLEY__CC2 323722	18.98 0.63 0.00	20.48 0.71 -0.74	17.38 0.63 -0.12	18.64 0.66 0.00	18.89 0.65 0.00	20.03 0.65 0.00	21.09 0.74 0.00	32.25 0.86 0.00	35.10 0.80 0.00	30.42 0.73 0.00	24.46 0.71 0.00	20.48 0.60 0.00	19.15 0.59 0.00	19.34 0.61 0.00	18.22 0.64 0.00	20.99 0.58 0.00	27.12 0.66 0.00	38.47 1.06 0.00	84.14 2.43 0.00	44.97 0.97 0.00	31.10 0.73 0.00	24.92 0.63 0.00	21.54 0.60 0.00	21.46 0.67 0.00
CRESCENT__HYD 24018	19.20 0.86 0.00	21.05 0.94 -1.07	17.64 0.83 -0.18	18.87 0.89 0.00	19.13 0.89 0.00	20.31 0.93 0.00	21.31 0.96 0.00	32.56 1.17 0.00	35.32 1.02 0.00	30.52 0.83 0.00	24.51 0.76 0.00	20.53 0.65 0.00	19.16 0.60 0.00	19.36 0.63 0.00	18.28 0.70 0.00	21.14 0.72 0.00	27.32 0.87 0.00	38.87 1.47 0.00	84.87 3.16 0.00	45.49 1.50 0.00	31.37 1.00 0.00	25.01 0.72 0.00	21.62 0.69 0.00	21.47 0.69 0.00
CRICKET__VALLEY_CC1 323756	19.36 1.01 0.00	21.08 1.13 -0.91	17.78 1.00 -0.15	19.03 1.06 0.00	19.25 1.01 0.00	20.40 1.02 0.00	21.44 1.09 0.00	32.73 1.34 0.00	35.52 1.21 0.00	30.76 1.08 0.00	24.70 0.95 0.00	20.71 0.83 0.00	19.39 0.83 0.00	19.60 0.87 0.00	18.51 0.92 0.00	21.31 0.89 0.00	27.46 1.01 0.00	39.05 1.65 0.00	85.32 3.61 0.00	45.61 1.62 0.00	31.54 1.17 0.00	25.18 0.89 0.00	21.79 0.85 0.00	21.71 0.93 0.00
CRICKET__VALLEY_CC2 323757	19.36 1.01 0.00	21.08 1.13 -0.91	17.78 1.00 -0.15	19.03 1.06 0.00	19.25 1.01 0.00	20.40 1.02 0.00	21.44 1.09 0.00	32.73 1.34 0.00	35.52 1.21 0.00	30.76 1.08 0.00	24.70 0.95 0.00	20.71 0.83 0.00	19.39 0.83 0.00	19.60 0.87 0.00	18.51 0.92 0.00	21.31 0.89 0.00	27.46 1.01 0.00	39.05 1.65 0.00	85.32 3.61 0.00	45.61 1.62 0.00	31.54 1.17 0.00	25.18 0.89 0.00	21.79 0.85 0.00	21.71 0.93 0.00
CRICKET__VALLEY_CC3 323758	19.36 1.01 0.00	21.08 1.13 -0.91	17.78 1.00 -0.15	19.03 1.06 0.00	19.25 1.01 0.00	20.40 1.02 0.00	21.44 1.09 0.00	32.73 1.34 0.00	35.52 1.21 0.00	30.76 1.08 0.00	24.70 0.95 0.00	20.71 0.83 0.00	19.39 0.83 0.00	19.60 0.87 0.00	18.51 0.92 0.00	21.31 0.89 0.00	27.46 1.01 0.00	39.05 1.65 0.00	85.32 3.61 0.00	45.61 1.62 0.00	31.54 1.17 0.00	25.18 0.89 0.00	21.79 0.85 0.00	21.71 0.93 0.00
CRUCIBLE_METL_DRP 24180	17.97 -0.37 0.00	18.78 -0.35 -0.10	16.33 -0.32 -0.02	17.66 -0.31 0.00	17.91 -0.33 0.00	19.01 -0.37 0.00	19.99 -0.36 0.00	30.73 -0.66 0.00	33.53 -0.77 0.00	29.07 -0.62 0.00	23.32 -0.43 0.00	19.53 -0.35 0.00	18.19 -0.37 0.00	18.37 -0.36 0.00	17.26 -0.32 0.00	19.94 -0.48 0.00	25.82 -0.63 0.00	36.55 -0.85 0.00	80.13 -1.59 0.00	42.95 -1.04 0.00	29.61 -0.76 0.00	23.71 -0.57 0.00	20.50 -0.43 0.00	20.58 -0.20 0.00
DAHOWA__HYDRO 323763	19.34 1.00 0.00	21.22 1.10 -1.08	17.77 0.96 -0.18	19.01 1.03 0.00	19.27 1.03 0.00	20.48 1.10 0.00	21.53 1.18 0.00	32.94 1.55 0.00	35.66 1.35 0.00	30.80 1.11 0.00	24.65 0.90 0.00	20.72 0.84 0.00	19.32 0.76 0.00	19.47 0.74 0.00	18.41 0.83 0.00	21.43 1.01 0.00	27.76 1.31 0.00	39.49 2.09 0.00	86.21 4.49 0.00	46.18 2.18 0.00	31.80 1.43 0.00	25.30 1.01 0.00	21.83 0.90 0.00	21.65 0.87 0.00
DANC__LFGE 323619	17.35 -0.99 0.00	18.04 -1.06 -0.07	15.73 -0.91 -0.01	16.97 -1.01 0.00	17.22 -1.02 0.00	18.33 -1.05 0.00	19.25 -1.10 0.00	29.70 -1.69 0.00	32.52 -1.78 0.00	28.21 -1.47 0.00	22.64 -1.12 0.00	19.10 -0.79 0.00	17.72 -0.83 0.00	17.72 -1.01 0.00	16.52 -1.06 0.00	19.06 -1.36 0.00	24.79 -1.66 0.00	35.60 -1.80 0.00	78.92 -2.80 0.00	42.57 -1.42 0.00	29.41 -0.96 0.00	23.51 -0.78 0.00	20.18 -0.75 0.00	20.30 -0.48 0.00
DANSKAMMER__1 23586	19.44 1.10 0.00	21.10 1.20 -0.86	17.83 1.06 -0.15	19.10 1.13 0.00	19.35 1.11 0.00	20.52 1.14 0.00	21.61 1.26 0.00	33.04 1.65 0.00	35.93 1.62 0.00	31.14 1.45 0.00	25.01 1.26 0.00	20.95 1.07 0.00	19.61 1.05 0.00	19.80 1.07 0.00	18.66 1.08 0.00	21.49 1.08 0.00	27.77 1.32 0.00	39.45 2.04 0.00	86.25 4.53 0.00	46.07 2.08 0.00	31.86 1.50 0.00	25.50 1.22 0.00	22.02 1.09 0.00	21.94 1.16 0.00
DANSKAMMER__2 23589	19.44 1.10 0.00	21.10 1.20 -0.86	17.83 1.06 -0.15	19.10 1.13 0.00	19.35 1.11 0.00	20.52 1.14 0.00	21.61 1.26 0.00	33.04 1.65 0.00	35.93 1.62 0.00	31.14 1.45 0.00	25.01 1.26 0.00	20.95 1.07 0.00	19.61 1.05 0.00	19.80 1.07 0.00	18.66 1.08 0.00	21.49 1.08 0.00	27.77 1.32 0.00	39.45 2.04 0.00	86.25 4.53 0.00	46.07 2.08 0.00	31.86 1.50 0.00	25.50 1.22 0.00	22.02 1.09 0.00	21.94 1.16 0.00
DANSKAMMER__3 23590	19.44 1.10 0.00	21.10 1.20 -0.86	17.83 1.06 -0.15	19.10 1.13 0.00	19.35 1.11 0.00	20.52 1.14 0.00	21.61 1.26 0.00	33.04 1.65 0.00	35.93 1.62 0.00	31.14 1.45 0.00	25.01 1.26 0.00	20.95 1.07 0.00	19.61 1.05 0.00	19.80 1.07 0.00	18.66 1.08 0.00	21.49 1.08 0.00	27.77 1.32 0.00	39.45 2.04 0.00	86.25 4.53 0.00	46.07 2.08 0.00	31.86 1.50 0.00	25.50 1.22 0.00	22.02 1.09 0.00	21.94 1.16 0.00

DANSKAMMER___4 23591	19.44 1.10 0.00	21.10 1.20 -0.86	17.83 1.06 -0.15	19.10 1.13 0.00	19.35 1.11 0.00	20.52 1.14 0.00	21.61 1.26 0.00	33.04 1.65 0.00	35.93 1.62 0.00	31.14 1.45 0.00	25.01 1.26 0.00	20.95 1.07 0.00	19.61 1.05 0.00	19.80 1.07 0.00	18.66 1.08 0.00	21.49 1.08 0.00	27.77 1.32 0.00	39.45 2.04 0.00	86.25 4.53 0.00	46.07 2.08 0.00	31.86 1.50 0.00	25.50 1.22 0.00	22.02 1.09 0.00	21.94 1.16 0.00
DANSKAMMER___DIESEL 23592	19.44 1.10 0.00	21.10 1.20 -0.86	17.83 1.06 -0.15	19.10 1.13 0.00	19.35 1.11 0.00	20.52 1.14 0.00	21.61 1.26 0.00	33.04 1.65 0.00	35.93 1.62 0.00	31.14 1.45 0.00	25.02 1.26 0.00	20.95 1.07 0.00	19.61 1.05 0.00	19.80 1.07 0.00	18.66 1.08 0.00	21.50 1.08 0.00	27.77 1.32 0.00	39.45 2.04 0.00	86.25 4.54 0.00	46.07 2.08 0.00	31.86 1.50 0.00	25.50 1.22 0.00	22.03 1.09 0.00	21.94 1.16 0.00
DARBY___SOLAR 323810	19.31 0.96 0.00	21.18 1.07 -1.08	17.74 0.93 -0.18	18.97 1.00 0.00	19.24 1.00 0.00	20.44 1.06 0.00	21.48 1.13 0.00	32.86 1.47 0.00	35.58 1.28 0.00	30.75 1.06 0.00	24.61 0.86 0.00	20.68 0.80 0.00	19.27 0.72 0.00	19.42 0.69 0.00	18.38 0.80 0.00	21.37 0.96 0.00	27.68 1.22 0.00	39.37 1.96 0.00	85.95 4.24 0.00	46.05 2.06 0.00	31.72 1.35 0.00	25.25 0.97 0.00	21.80 0.86 0.00	21.62 0.84 0.00
DASHVILLE___HYD 23610	19.18 0.84 0.00	20.85 0.93 -0.89	17.60 0.82 -0.15	18.85 0.88 0.00	19.08 0.84 0.00	20.23 0.85 0.00	21.31 0.96 0.00	32.61 1.22 0.00	35.50 1.20 0.00	30.78 1.09 0.00	24.72 0.97 0.00	20.72 0.84 0.00	19.42 0.86 0.00	19.61 0.89 0.00	18.47 0.89 0.00	21.22 0.81 0.00	27.37 0.92 0.00	38.90 1.50 0.00	85.07 3.36 0.00	45.44 1.44 0.00	31.45 1.08 0.00	25.19 0.91 0.00	21.76 0.83 0.00	21.69 0.91 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	20.12 1.77 0.00	21.94 2.04 -0.87	19.44 1.88 -0.93	20.01 2.04 0.00	45.05 2.03 -24.78	21.48 2.11 0.00	22.89 2.33 -0.21	34.50 3.11 0.00	183.98 2.75 -146.93	50.31 2.59 -18.03	25.77 2.02 0.00	21.48 1.59 0.00	20.22 1.67 0.00	20.48 1.76 0.00	19.35 1.77 0.00	22.26 1.84 0.00	28.85 2.40 0.00	40.80 3.40 0.00	88.11 7.27 0.87	47.12 3.13 0.00	32.67 2.30 0.00	26.46 2.18 0.00	22.83 1.90 0.00	22.69 1.91 0.00
DELAWARE___LFGE 323621	18.76 0.42 0.00	19.95 0.54 -0.38	17.16 0.46 -0.06	18.49 0.52 0.00	18.76 0.52 0.00	19.90 0.52 0.00	20.88 0.53 0.00	32.09 0.70 0.00	35.05 0.75 0.00	30.39 0.70 0.00	24.37 0.62 0.00	20.39 0.50 0.00	19.00 0.45 0.00	19.19 0.47 0.00	18.03 0.45 0.00	20.86 0.44 0.00	27.08 0.63 0.00	38.33 0.92 0.00	83.92 2.21 0.00	44.95 0.95 0.00	31.00 0.63 0.00	24.82 0.53 0.00	21.43 0.50 0.00	21.39 0.61 0.00
DERFIELD_115KV_TB7 355931	18.47 0.13 0.00	19.19 0.15 0.00	16.76 0.13 0.00	18.12 0.14 0.00	18.39 0.15 0.00	19.52 0.14 0.00	20.51 0.16 0.00	31.54 0.14 0.00	34.41 0.10 0.00	29.77 0.09 0.00	23.85 0.10 0.00	19.97 0.08 0.00	18.63 0.07 0.00	18.80 0.08 0.00	17.68 0.10 0.00	20.48 0.07 0.00	26.53 0.08 0.00	37.55 0.15 0.00	82.11 0.40 0.00	44.13 0.13 0.00	30.48 0.11 0.00	24.36 0.08 0.00	21.02 0.08 0.00	20.90 0.12 0.00
DOGLEVILLE___HYD 23807	18.79 0.45 0.00	19.60 0.57 0.00	17.11 0.48 0.00	18.48 0.50 0.00	18.77 0.52 0.00	19.93 0.55 0.00	20.99 0.64 0.00	32.00 0.61 0.00	34.54 0.23 0.00	29.83 0.14 0.00	24.02 0.27 0.00	20.06 0.18 0.00	18.50 -0.05 0.00	18.64 -0.09 0.00	17.72 0.13 0.00	20.68 0.26 0.00	26.80 0.35 0.00	37.86 0.45 0.00	82.43 0.72 0.00	44.19 0.20 0.00	30.47 0.10 0.00	24.32 0.04 0.00	21.00 0.07 0.00	20.86 0.08 0.00
DUNKIRK___115KV_TB_200 55889	15.39 -1.66 1.29	17.48 -1.70 -0.15	15.19 -1.47 -0.03	16.56 -1.41 0.00	16.75 -1.49 0.00	17.84 -1.54 0.00	18.75 -1.60 0.00	28.68 -2.71 0.00	31.43 -2.88 0.00	27.55 -2.14 0.00	22.28 -1.47 0.00	18.46 -1.43 0.00	16.97 -1.59 0.00	17.13 -1.60 0.00	16.13 -1.45 0.00	18.62 -1.79 0.00	24.21 -2.25 0.00	34.18 -3.22 0.00	76.15 -5.56 0.00	40.74 -3.25 0.00	28.06 -2.31 0.00	22.60 -1.69 0.00	19.58 -1.36 0.00	19.88 -0.91 0.00
DUNKIRK___1 23563	15.39 -1.66 1.29	17.48 -1.70 -0.15	15.19 -1.47 -0.03	16.56 -1.41 0.00	16.75 -1.49 0.00	17.84 -1.54 0.00	18.75 -1.60 0.00	28.68 -2.71 0.00	31.43 -2.88 0.00	27.55 -2.14 0.00	22.28 -1.47 0.00	18.46 -1.43 0.00	16.97 -1.59 0.00	17.13 -1.60 0.00	16.13 -1.45 0.00	18.62 -1.79 0.00	24.21 -2.25 0.00	34.18 -3.22 0.00	76.15 -5.56 0.00	40.74 -3.25 0.00	28.06 -2.31 0.00	22.60 -1.69 0.00	19.58 -1.36 0.00	19.88 -0.91 0.00
DUNKIRK___2 23564	15.39 -1.66 1.29	17.48 -1.70 -0.15	15.19 -1.47 -0.03	16.56 -1.41 0.00	16.75 -1.49 0.00	17.84 -1.54 0.00	18.75 -1.60 0.00	28.68 -2.71 0.00	31.43 -2.88 0.00	27.55 -2.14 0.00	22.28 -1.47 0.00	18.46 -1.43 0.00	16.97 -1.59 0.00	17.13 -1.60 0.00	16.13 -1.45 0.00	18.62 -1.79 0.00	24.21 -2.25 0.00	34.18 -3.22 0.00	76.15 -5.56 0.00	40.74 -3.25 0.00	28.06 -2.31 0.00	22.60 -1.69 0.00	19.58 -1.36 0.00	19.88 -0.91 0.00
DUNKIRK___3 23565	15.46 -1.64 1.25	17.55 -1.63 -0.15	15.22 -1.43 -0.03	16.59 -1.38 0.00	16.78 -1.46 0.00	17.84 -1.54 0.00	18.75 -1.60 0.00	28.69 -2.70 0.00	31.43 -2.87 0.00	27.55 -2.14 0.00	22.27 -1.48 0.00	18.46 -1.43 0.00	16.99 -1.57 0.00	17.18 -1.54 0.00	16.17 -1.42 0.00	18.70 -1.72 0.00	24.29 -2.17 0.00	34.26 -3.14 0.00	76.25 -5.46 0.00	40.72 -3.28 0.00	28.00 -2.37 0.00	22.57 -1.71 0.00	19.54 -1.39 0.00	19.86 -0.92 0.00
DUNKIRK___4 23566	15.51 -1.62 1.21	17.52 -1.66 -0.15	15.22 -1.44 -0.02	16.59 -1.38 0.00	16.79 -1.46 0.00	17.85 -1.53 0.00	18.75 -1.60 0.00	28.67 -2.72 0.00	31.40 -2.90 0.00	27.53 -2.16 0.00	22.27 -1.48 0.00	18.46 -1.43 0.00	16.98 -1.58 0.00	17.14 -1.59 0.00	16.15 -1.44 0.00	18.65 -1.77 0.00	24.25 -2.21 0.00	34.20 -3.20 0.00	76.08 -5.63 0.00	40.69 -3.31 0.00	28.00 -2.37 0.00	22.55 -1.73 0.00	19.54 -1.40 0.00	19.85 -0.93 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.44 1.09 0.00	21.09 1.18 -0.87	17.83 1.05 -0.15	19.08 1.10 0.00	19.31 1.07 0.00	20.48 1.10 0.00	21.58 1.23 0.00	32.95 1.56 0.00	35.81 1.51 0.00	31.08 1.39 0.00	24.98 1.23 0.00	20.94 1.05 0.00	19.63 1.07 0.00	19.83 1.11 0.00	18.70 1.12 0.00	21.48 1.07 0.00	27.70 1.24 0.00	39.29 1.88 0.00	85.83 4.12 0.00	45.83 1.84 0.00	31.76 1.40 0.00	25.46 1.18 0.00	22.00 1.07 0.00	21.92 1.14 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.25 0.91 0.00	20.86 0.99 -0.83	17.64 0.87 -0.14	18.90 0.93 0.00	19.15 0.91 0.00	20.31 0.93 0.00	21.39 1.04 0.00	32.71 1.32 0.00	35.60 1.30 0.00	30.84 1.15 0.00	24.79 1.04 0.00	20.76 0.87 0.00	19.41 0.86 0.00	19.61 0.88 0.00	18.48 0.89 0.00	21.28 0.87 0.00	27.50 1.05 0.00	39.05 1.64 0.00	85.41 3.69 0.00	45.62 1.63 0.00	31.56 1.19 0.00	25.27 0.98 0.00	21.83 0.90 0.00	21.75 0.97 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.49 1.14 0.00	21.24 1.33 -0.87	17.97 1.20 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.64 1.26 0.00	21.73 1.39 0.00	33.16 1.77 0.00	36.09 1.78 0.00	31.34 1.65 0.00	25.12 1.37 0.00	21.09 1.20 0.00	19.80 1.25 0.00	19.91 1.18 0.00	18.76 1.18 0.00	21.47 1.05 0.00	27.68 1.23 0.00	39.24 1.83 0.00	85.86 4.15 0.00	45.79 1.79 0.00	31.83 1.46 0.00	25.42 1.13 0.00	21.95 1.01 0.00	21.95 1.17 0.00
E179THST_13_KV_LOAD 356214	19.56 1.22 0.00	21.30 1.40 -0.87	18.03 1.25 -0.15	19.27 1.30 0.00	19.50 1.27 0.00	20.70 1.32 0.00	21.80 1.45 0.00	33.28 1.89 0.00	36.23 1.92 0.00	31.45 1.77 0.00	25.23 1.47 0.00	21.17 1.28 0.00	19.88 1.32 0.00	19.99 1.26 0.00	18.84 1.26 0.00	21.56 1.15 0.00	27.79 1.34 0.00	39.40 2.00 0.00	86.21 4.50 0.00	45.99 2.00 0.00	31.97 1.61 0.00	25.52 1.24 0.00	22.03 1.10 0.00	22.03 1.25 0.00
EAST HAMPTON___GT 23717	20.21 1.87 0.00	22.07 2.16 -0.87	19.56 2.00 -0.93	20.15 2.18 0.00	45.19 2.16 -24.78	21.64 2.27 0.00	23.06 2.50 -0.21	34.72 3.33 0.00	183.94 2.71 -146.93	50.53 2.82 -18.03	25.94 2.19 0.00	21.60 1.72 0.00	20.35 1.79 0.00	20.61 1.89 0.00	19.47 1.89 0.00	22.40 1.98 0.00	29.06 2.60 0.00	40.99 3.59 0.00	88.54 7.70 0.87	47.11 3.12 0.00	32.64 2.27 0.00	26.47 2.19 0.00	22.91 1.98 0.00	22.76 1.98 0.00
EAST RIVER___6 23660	19.44 1.10 0.00	21.13 1.23 -0.87	17.87 1.09 -0.15	19.12 1.15 0.00	19.35 1.11 0.00	20.53 1.15 0.00	21.65 1.30 0.00	33.05 1.66 0.00	35.88 1.58 0.00	31.19 1.50 0.00	25.08 1.33 0.00	21.05 1.17 0.00	19.75 1.19 0.00	19.93 1.21 0.00	18.78 1.20 0.00	21.52 1.10 0.00	27.71 1.26 0.00	39.28 1.88 0.00	85.82 4.11 0.00	45.82 1.82 0.00	31.80 1.43 0.00	25.44 1.16 0.00	21.98 1.05 0.00	21.94 1.16 0.00
EAST RIVER___7 23524	19.44 1.10 0.00	21.13 1.23 -0.87	17.87 1.09 -0.15	19.12 1.15 0.00	19.35 1.11 0.00	20.53 1.15 0.00	21.65 1.30 0.00	33.05 1.66 0.00	35.88 1.58 0.00	31.19 1.50 0.00	25.08 1.33 0.00	21.05 1.17 0.00	19.75 1.19 0.00	19.93 1.21 0.00	18.78 1.20 0.00	21.52 1.10 0.00	27.71 1.26 0.00	39.28 1.88 0.00	85.82 4.11 0.00	45.82 1.82 0.00	31.80 1.43 0.00	25.44 1.16 0.00	21.98 1.05 0.00	21.94 1.16 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.40 1.06 0.00	21.07 1.16 -0.87	17.80 1.03 -0.15	19.06 1.08 0.00	19.30 1.06 0.00	20.47 1.09 0.00	21.55 1.21 0.00	32.92 1.52 0.00	35.78 1.48 0.00	31.04 1.35 0.00	24.95 1.20 0.00	20.91 1.02 0.00	19.59 1.03 0.00	19.79 1.07 0.00	18.66 1.08 0.00	21.44 1.02 0.00	27.65 1.20 0.00	39.23 1.83 0.00	85.74 4.03 0.00	45.78 1.79 0.00	31.72 1.35 0.00	25.41 1.13 0.00	21.96 1.03 0.00	21.88 1.10 0.00
EAST_HAMPTON___DIESEL 23722	20.21 1.86 0.00	22.06 2.15 -0.87	19.56 2.00 -0.93	20.14 2.17 0.00	45.18 2.16 -24.78	21.64 2.26 0.00	23.05 2.49 -0.21	34.71 3.32 0.00	183.93 2.70 -146.93	50.52 2.80 -18.03	25.94 2.19 0.00	21.60 1.72 0.00	20.34 1.78 0.00	20.61 1.88 0.00	19.46 1.88 0.00	22.39 1.97 0.00	29.05 2.60 0.00	40.96 3.56 0.00	88.47 7.63 0.87	47.05 3.06 0.00	32.58 2.21 0.00	26.45 2.16 0.00	22.89 1.96 0.00	22.74 1.97 0.00
EAST_PULASKI___ESR 323781	17.61 -0.74 0.00	18.35 -0.76 -0.08	15.98 -0.66 -0.01	17.26 -0.71 0.00	17.52 -0.72 0.00	18.62 -0.76 0.00	19.54 -0.81 0.00	30.09 -1.30 0.00	32.90 -1.41 0.00	28.55 -1.14 0.00	22.90 -0.85 0.00	19.23 -0.65 0.00	17.88 -0.68 0.00	17.98 -0.74 0.00	16.83 -0.75 0.00	19.42 -0.99 0.00	25.19 -1.27 0.00	35.89 -1.52 0.00	79.01 -2.71 0.00	42.48 -1.52 0.00	29.33 -1.03 0.00	23.46 -0.83 0.00	20.23 -0.70 0.00	20.32 -0.45 0.00
EAST_RIVER___1 323558	19.47 1.12 0.00	21.15 1.25 -0.87	17.90 1.12 -0.15	19.15 1.18 0.00	19.38 1.14 0.00	20.56 1.18 0.00	21.67 1.33 0.00	33.08 1.69 0.00	35.90 1.59 0.00	31.21 1.52 0.00	25.08 1.33 0.00	21.06 1.17 0.00	19.75 1.19 0.00	19.93 1.21 0.00	18.78 1.20 0.00	21.52 1.10 0.00	27.71 1.26 0.00	39.28 1.88 0.00	85.85 4.14 0.00	45.80 1.81 0.00	31.78 1.42 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
EAST_RIVER___2 323559	19.44 1.10 0.00	21.13 1.23 -0.87	17.87 1.09 -0.15	19.12 1.15 0.00	19.35 1.11 0.00	20.53 1.15 0.00	21.65 1.30 0.00	33.05 1.66 0.00	35.88 1.58 0.00	31.19 1.50 0.00	25.08 1.33 0.00	21.05 1.17 0.00	19.75 1.19 0.00	19.93 1.21 0.00	18.78 1.20 0.00	21.52 1.10 0.00	27.71 1.26 0.00	39.28 1.88 0.00	85.82 4.11 0.00	45.82 1.82 0.00	31.80 1.43 0.00	25.44 1.16 0.00	21.98 1.05 0.00	21.94 1.16 0.00
EAST___DELAWARE_HYD 23607	18.92 0.58 0.00	20.43 0.63 -0.77	17.31 0.55 -0.13	18.56 0.59 0.00	18.81 0.56 0.00	19.96 0.58 0.00	21.03 0.69 0.00	32.23 0.84 0.00	35.10 0.80 0.00	30.35 0.66 0.00	24.30 0.55 0.00	20.38 0.49 0.00	19.08 0.53 0.00	19.21 0.48 0.00	18.11 0.53 0.00	20.90 0.49 0.00	27.09 0.64 0.00	38.52 1.11 0.00	84.20 2.48 0.00	44.96 0.97 0.00	31.11 0.74 0.00	24.89 0.60 0.00	21.48 0.55 0.00	21.38 0.60 0.00
EIGHT_POINT___WT_PWR 323820	12.83 -1.47 4.05	18.40 -0.84 -0.20	15.59 -1.08 -0.03	16.93 -1.04 0.00	17.58 -0.66 0.00	18.17 -1.21 0.00	19.27 -1.08 0.00	29.57 -1.83 0.00	32.44 -1.87 0.00	28.36 -1.32 0.00	22.54 -1.21 0.00	18.93 -0.95 0.00	17.37 -1.19 0.00	17.59 -1.14 0.00	16.70 -0.88 0.00	19.19 -1.22 0.00	24.66 -1.79 0.00	34.78 -2.63 0.00	76.88 -4.83 0.00	41.18 -2.82 0.00	28.43 -1.94 0.00	23.21 -1.08 0.00	20.50 -0.54 -0.11	20.58 -0.20 0.00
ELBRIDGE_115KV_TB2 80188	17.89 -0.45 0.00	18.71 -0.42 -0.11	16.27 -0.38 -0.02	17.59 -0.38 0.00	17.85 -0.39 0.00	18.92 -0.46 0.00	19.91 -0.44 0.00	30.61 -0.78 0.00	33.37 -0.93 0.00	28.96 -0.73 0.00	23.23 -0.53 0.00	19.45 -0.44 0.00	18.11 -0.45 0.00	18.29 -0.44 0.00	17.19 -0.39 0.00	19.86 -0.56 0.00	25.70 -0.75 0.00	36.40 -1.01 0.00	79.80 -1.91 0.00	42.76 -1.24 0.00	29.46 -0.91 0.00	23.62 -0.66 0.00	20.42 -0.51 0.00	20.49 -0.29 0.00
ELEC_TRO_TEK 24086	19.64 1.30 0.00	21.34 1.44 -0.87	18.85 1.29 -0.93	19.34 1.37 0.00	44.37 1.35 -24.78	20.74 1.36 0.00	22.09 1.53 -0.21	33.37 1.98 0.00	155.82 2.04 -119.49	49.55 1.83 -18.03	25.21 1.46 0.00	21.14 1.25 0.00	19.84 1.28 0.00	20.05 1.33 0.00	18.92 1.34 0.00	21.74 1.33 0.00	28.01 1.55 0.00	39.66 2.25 0.00	86.07 4.64 0.28	46.08 2.09 0.00	32.03 1.66 0.00	25.78 1.50 0.00	22.24 1.31 0.00	22.14 1.36 0.00
ELLENBURG_WT_PWR 323604	17.75 -0.60 0.00	18.47 -0.56 0.00	16.06 -0.57 0.00	17.19 -0.78 0.00	17.57 -0.67 0.00	18.89 -0.49 0.00	19.93 -0.42 0.00	31.09 -0.31 0.00	34.33 0.02 0.00	30.03 0.34 0.00	23.96 0.21 0.00	19.99 0.10 0.00	18.67 0.11 0.00	18.75 0.03 0.00	17.65 0.07 0.00	21.07 0.65 0.00	27.42 0.97 0.00	38.80 1.40 0.00	84.49 2.77 0.00	45.27 1.28 0.00	30.75 0.38 0.00	24.34 0.06 0.00	20.79 -0.13 0.00	20.39 -0.39 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.59 -1.65 1.11	17.45 -1.73 -0.14	15.15 -1.50 -0.02	16.52 -1.46 0.00	16.72 -1.52 0.00	17.75 -1.63 0.00	18.59 -1.76 0.00	28.41 -2.99 0.00	31.09 -3.21 0.00	27.25 -2.44 0.00	22.04 -1.71 0.00	18.29 -1.60 0.00	16.85 -1.71 0.00	16.96 -1.77 0.00	16.03 -1.55 0.00	18.50 -1.91 0.00	24.09 -2.37 0.00	33.92 -3.48 0.00	75.08 -6.63 0.00	40.18 -3.82 0.00	27.60 -2.77 0.00	22.19 -2.09 0.00	19.24 -1.69 0.00	19.54 -1.24 0.00
EMPIRE_CC_1 323656	19.15 0.81 0.00	20.93 0.88 -1.02	17.59 0.79 -0.17	18.83 0.85 0.00	19.09 0.84 0.00	20.24 0.86 0.00	21.22 0.87 0.00	32.37 0.98 0.00	35.12 0.82 0.00	30.36 0.67 0.00	24.40 0.64 0.00	20.45 0.56 0.00	19.10 0.54 0.00	19.32 0.59 0.00	18.23 0.65 0.00	21.01 0.59 0.00	27.12 0.67 0.00	38.56 1.15 0.00	84.11 2.39 0.00	45.08 1.08 0.00	31.14 0.77 0.00	24.87 0.58 0.00	21.54 0.61 0.00	21.40 0.62 0.00
EMPIRE_CC_2 323658	19.15 0.81 0.00	20.93 0.88 -1.02	17.59 0.79 -0.17	18.83 0.85 0.00	19.09 0.84 0.00	20.24 0.86 0.00	21.22 0.87 0.00	32.37 0.98 0.00	35.12 0.82 0.00	30.36 0.67 0.00	24.40 0.64 0.00	20.45 0.56 0.00	19.10 0.54 0.00	19.32 0.59 0.00	18.23 0.65 0.00	21.01 0.59 0.00	27.12 0.67 0.00	38.56 1.15 0.00	84.11 2.39 0.00	45.08 1.08 0.00	31.14 0.77 0.00	24.87 0.58 0.00	21.54 0.61 0.00	21.40 0.62 0.00
ENORWICH_115KV_TB1 80156	20.90 0.45 -2.11	20.10 0.79 -0.28	17.34 0.67 -0.05	18.81 0.84 0.00	19.14 0.89 0.00	20.36 0.98 0.00	21.28 0.93 0.00	32.83 1.43 0.00	35.95 1.65 0.00	31.36 1.68 0.00	24.96 1.20 0.00	20.82 0.94 0.00	19.25 0.69 0.00	19.52 0.79 0.00	18.38 0.80 0.00	21.33 0.91 0.00	28.07 1.61 0.00	39.58 2.17 0.00	86.89 5.18 0.00	46.27 2.28 0.00	31.76 1.39 0.00	25.48 1.20 0.00	22.05 1.12 0.00	22.12 1.34 0.00
ERIE_ST__34_KV_TB1-2 80199	15.92 -1.23 1.19	17.90 -1.28 -0.15	15.53 -1.13 -0.02	16.93 -1.05 0.00	17.14 -1.10 0.00	18.18 -1.20 0.00	19.03 -1.32 0.00	29.07 -2.32 0.00	31.82 -2.49 0.00	27.88 -1.81 0.00	22.54 -1.21 0.00	18.71 -1.17 0.00	17.29 -1.27 0.00	17.44 -1.29 0.00	16.47 -1.11 0.00	19.02 -1.39 0.00	24.74 -1.72 0.00	34.80 -2.60 0.00	76.97 -4.74 0.00	41.13 -2.87 0.00	28.24 -2.13 0.00	22.73 -1.55 0.00	19.72 -1.22 0.00	20.03 -0.75 0.00
ERIE_WT_PWR 323693	15.64 -1.55 1.16	17.55 -1.62 -0.14	15.24 -1.41 -0.02	16.60 -1.38 0.00	16.83 -1.42 0.00	17.85 -1.53 0.00	18.71 -1.64 0.00	28.58 -2.81 0.00	31.30 -3.00 0.00	27.42 -2.27 0.00	22.21 -1.54 0.00	18.41 -1.48 0.00	16.96 -1.59 0.00	17.06 -1.67 0.00	16.12 -1.47 0.00	18.61 -1.81 0.00	24.22 -2.23 0.00	34.11 -3.29 0.00	75.61 -6.10 0.00	40.44 -3.56 0.00	27.80 -2.57 0.00	22.37 -1.91 0.00	18.91 -1.54 0.47	19.71 -1.08 0.00
ESPRGFLD_115KV_TB1 80157	18.80 0.46 0.00	19.53 0.48 -0.02	17.03 0.40 0.00	18.41 0.44 0.00	18.74 0.50 0.00	19.93 0.55 0.00	20.91 0.56 0.00	32.41 1.02 0.00	35.72 1.41 0.00	31.00 1.30 0.00	24.73 0.97 0.00	20.70 0.82 0.00	19.23 0.67 0.00	19.32 0.60 0.00	18.08 0.50 0.00	21.08 0.66 0.00	27.53 1.08 0.00	38.78 1.38 0.00	84.88 3.17 0.00	45.60 1.61 0.00	31.43 1.06 0.00	25.21 0.92 0.00	21.74 0.80 0.00	21.70 0.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.13 -0.08 -4.87	19.25 0.01 -0.21	16.64 -0.02 -0.04	18.00 0.03 0.00	18.26 0.02 0.00	19.38 0.00 0.00	20.39 0.04 0.00	31.37 -0.02 0.00	34.24 -0.06 0.00	29.73 0.04 0.00	23.77 0.02 0.00	19.87 -0.01 0.00	18.51 -0.05 0.00	18.74 0.02 0.00	17.64 0.06 0.00	20.41 -0.01 0.00	26.46 0.01 0.00	37.49 0.08 0.00	82.26 0.55 0.00	44.02 0.02 0.00	30.32 -0.05 0.00	24.31 0.03 0.00	21.00 0.07 0.00	21.04 0.26 0.00
ETNA_____115KV_TB2 80207	23.13 -0.08 -4.87	19.25 0.01 -0.21	16.64 -0.02 -0.04	18.00 0.03 0.00	18.26 0.02 0.00	19.38 0.00 0.00	20.39 0.04 0.00	31.37 -0.02 0.00	34.24 -0.06 0.00	29.73 0.04 0.00	23.77 0.02 0.00	19.87 -0.01 0.00	18.51 -0.05 0.00	18.74 0.02 0.00	17.64 0.06 0.00	20.41 -0.01 0.00	26.46 0.01 0.00	37.49 0.08 0.00	82.26 0.55 0.00	44.02 0.02 0.00	30.32 -0.05 0.00	24.31 0.03 0.00	21.00 0.07 0.00	21.04 0.26 0.00
EUCLID___115KV_TB2 356179	17.76 -0.58 0.00	18.55 -0.57 -0.09	16.14 -0.50 -0.02	17.46 -0.51 0.00	17.71 -0.53 0.00	18.80 -0.58 0.00	19.75 -0.60 0.00	30.35 -1.05 0.00	33.13 -1.17 0.00	28.73 -0.96 0.00	23.05 -0.71 0.00	19.30 -0.59 0.00	17.98 -0.58 0.00	18.15 -0.58 0.00	17.05 -0.54 0.00	19.68 -0.74 0.00	25.48 -0.97 0.00	36.09 -1.31 0.00	79.09 -2.62 0.00	42.43 -1.56 0.00	29.25 -1.12 0.00	23.42 -0.87 0.00	20.25 -0.68 0.00	20.33 -0.45 0.00
E_CANADA_CAP_HY 24051	19.02 0.68 0.00	20.92 0.64 -1.25	17.37 0.53 -0.21	18.54 0.57 0.00	18.88 0.63 0.00	20.09 0.71 0.00	21.09 0.74 0.00	32.72 1.33 0.00	36.07 1.77 0.00	31.24 1.56 0.00	24.86 1.11 0.00	20.86 0.97 0.00	19.34 0.78 0.00	19.36 0.64 0.00	18.12 0.54 0.00	21.23 0.81 0.00	27.72 1.27 0.00	39.03 1.63 0.00	85.26 3.55 0.00	45.92 1.92 0.00	31.65 1.28 0.00	25.42 1.14 0.00	21.91 0.98 0.00	21.81 1.04 0.00
E_CANADA_MHWK_HY 24050	18.79 0.45 0.00	19.60 0.57 0.00	17.11 0.48 0.00	18.48 0.50 0.00	18.77 0.52 0.00	19.93 0.55 0.00	20.99 0.64 0.00	32.00 0.61 0.00	34.54 0.23 0.00	29.83 0.14 0.00	24.02 0.27 0.00	20.06 0.18 0.00	18.50 -0.05 0.00	18.64 -0.09 0.00	17.72 0.13 0.00	20.68 0.26 0.00	26.80 0.35 0.00	37.86 0.45 0.00	82.43 0.72 0.00	44.19 0.20 0.00	30.47 0.10 0.00	24.32 0.04 0.00	21.00 0.07 0.00	20.86 0.08 0.00
E_FISHKILL___LBMP 23776	19.32 0.97 0.00	20.99 1.07 -0.88	17.73 0.95 -0.15	18.98 1.01 0.00	19.22 0.98 0.00	20.38 1.00 0.00	21.45 1.09 0.00	32.75 1.36 0.00	35.60 1.30 0.00	30.86 1.18 0.00	24.79 1.04 0.00	20.78 0.89 0.00	19.45 0.90 0.00	19.66 0.93 0.00	18.53 0.95 0.00	21.33 0.91 0.00	27.51 1.06 0.00	39.05 1.65 0.00	85.34 3.62 0.00	45.61 1.61 0.00	31.57 1.20 0.00	25.27 0.98 0.00	21.84 0.91 0.00	21.75 0.98 0.00
FALCON___SEABRD_CC1 323796	18.01 -0.33 0.00	18.71 -0.32 0.00	16.30 -0.33 0.00	17.44 -0.53 0.00	17.80 -0.44 0.00	19.12 -0.26 0.00	20.19 -0.16 0.00	31.46 0.07 0.00	34.71 0.41 0.00	30.40 0.71 0.00	24.29 0.54 0.00	20.28 0.39 0.00	18.95 0.40 0.00	19.05 0.33 0.00	17.93 0.34 0.00	21.32 0.91 0.00	27.77 1.32 0.00	39.38 1.98 0.00	85.77 4.05 0.00	45.90 1.90 0.00	31.17 0.80 0.00	24.64 0.36 0.00	21.05 0.12 0.00	20.66 -0.11 0.00
FALCON___SEABRD_CC2 323797	18.01 -0.33 0.00	18.71 -0.32 0.00	16.30 -0.33 0.00	17.44 -0.53 0.00	17.80 -0.44 0.00	19.12 -0.26 0.00	20.19 -0.16 0.00	31.46 0.07 0.00	34.71 0.41 0.00	30.40 0.71 0.00	24.29 0.54 0.00	20.28 0.39 0.00	18.95 0.40 0.00	19.05 0.33 0.00	17.93 0.34 0.00	21.32 0.91 0.00	27.77 1.32 0.00	39.38 1.98 0.00	85.77 4.05 0.00	45.90 1.90 0.00	31.17 0.80 0.00	24.64 0.36 0.00	21.05 0.12 0.00	20.66 -0.11 0.00

FAR ROCKAWAY___4 23548	19.84 1.50 0.00	21.54 1.64 -0.87	19.02 1.46 -0.93	19.52 1.55 0.00	44.54 1.52 -24.78	20.93 1.55 0.00	22.30 1.74 -0.21	33.65 2.26 0.00	114.09 2.02 -77.76	49.62 1.90 -18.03	25.49 1.74 0.00	21.38 1.50 0.00	20.07 1.51 0.00	20.28 1.55 0.00	19.13 1.55 0.00	21.99 1.58 0.00	28.32 1.87 0.00	39.94 2.54 0.00	86.43 4.65 -0.07	46.06 2.06 0.00	32.38 2.01 0.00	26.09 1.80 0.00	22.48 1.55 0.00	22.37 1.59 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.49 1.15 0.00	21.18 1.27 -0.87	17.91 1.13 -0.15	19.17 1.19 0.00	19.39 1.15 0.00	20.58 1.20 0.00	21.69 1.35 0.00	33.11 1.72 0.00	35.93 1.63 0.00	31.24 1.56 0.00	25.10 1.35 0.00	21.07 1.19 0.00	19.76 1.20 0.00	19.95 1.22 0.00	18.79 1.21 0.00	21.54 1.12 0.00	27.73 1.28 0.00	39.31 1.91 0.00	85.90 4.18 0.00	45.83 1.83 0.00	31.81 1.44 0.00	25.47 1.19 0.00	22.01 1.08 0.00	21.96 1.18 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.50 1.16 0.00	21.19 1.28 -0.87	17.92 1.14 -0.15	19.17 1.20 0.00	19.40 1.16 0.00	20.58 1.21 0.00	21.71 1.36 0.00	33.12 1.73 0.00	35.95 1.65 0.00	31.25 1.56 0.00	25.12 1.37 0.00	21.08 1.19 0.00	19.77 1.22 0.00	19.96 1.23 0.00	18.80 1.22 0.00	21.54 1.13 0.00	27.76 1.30 0.00	39.34 1.93 0.00	85.96 4.25 0.00	45.86 1.86 0.00	31.83 1.46 0.00	25.49 1.21 0.00	22.02 1.09 0.00	21.97 1.19 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.48 1.14 0.00	21.17 1.26 -0.87	17.90 1.12 -0.15	19.15 1.18 0.00	19.39 1.15 0.00	20.57 1.19 0.00	21.69 1.34 0.00	33.09 1.70 0.00	35.92 1.61 0.00	31.22 1.54 0.00	25.09 1.34 0.00	21.06 1.17 0.00	19.75 1.20 0.00	19.94 1.21 0.00	18.78 1.20 0.00	21.52 1.11 0.00	27.72 1.27 0.00	39.29 1.89 0.00	85.86 4.15 0.00	45.81 1.81 0.00	31.79 1.42 0.00	25.46 1.18 0.00	22.00 1.07 0.00	21.95 1.17 0.00
FARRAGUT___LBMP 323566	19.47 1.13 0.00	21.15 1.25 -0.87	17.90 1.12 -0.15	19.15 1.17 0.00	19.38 1.13 0.00	20.56 1.18 0.00	21.67 1.32 0.00	33.08 1.69 0.00	35.89 1.58 0.00	31.20 1.51 0.00	25.08 1.33 0.00	21.04 1.16 0.00	19.74 1.18 0.00	19.93 1.20 0.00	18.77 1.19 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.86 0.00	85.80 4.09 0.00	45.77 1.78 0.00	31.78 1.41 0.00	25.45 1.16 0.00	21.99 1.06 0.00	21.94 1.16 0.00
FENNER___WINDPWR 24204	19.26 0.00 -0.92	19.19 0.04 -0.11	16.66 0.02 -0.02	18.02 0.04 0.00	18.27 0.03 0.00	19.40 0.03 0.00	20.42 0.07 0.00	31.44 0.05 0.00	34.37 0.07 0.00	29.79 0.10 0.00	23.78 0.03 0.00	19.92 0.03 0.00	18.57 0.01 0.00	18.81 0.08 0.00	17.69 0.10 0.00	20.53 0.11 0.00	26.60 0.15 0.00	37.69 0.28 0.00	82.55 0.84 0.00	44.25 0.26 0.00	30.52 0.15 0.00	24.42 0.13 0.00	21.08 0.15 0.00	21.00 0.22 0.00
FIBERTEK___ENERGY 23856	17.97 -0.37 0.00	18.78 -0.35 -0.10	16.33 -0.32 -0.02	17.66 -0.31 0.00	17.91 -0.33 0.00	19.01 -0.37 0.00	19.99 -0.36 0.00	30.73 -0.66 0.00	33.53 -0.77 0.00	29.07 -0.62 0.00	23.32 -0.43 0.00	19.53 -0.35 0.00	18.19 -0.37 0.00	18.37 -0.36 0.00	17.26 -0.32 0.00	19.94 -0.48 0.00	25.82 -0.63 0.00	36.55 -0.85 0.00	80.13 -1.59 0.00	42.95 -1.04 0.00	29.61 -0.76 0.00	23.71 -0.57 0.00	20.50 -0.43 0.00	20.58 -0.20 0.00
FITZPATRICK___ 23598	17.62 -0.72 0.00	18.37 -0.73 -0.07	16.01 -0.64 -0.01	17.31 -0.66 0.00	17.56 -0.68 0.00	18.64 -0.73 0.00	19.58 -0.77 0.00	30.11 -1.28 0.00	32.87 -1.43 0.00	28.50 -1.19 0.00	22.85 -0.91 0.00	19.13 -0.76 0.00	17.82 -0.73 0.00	17.99 -0.74 0.00	16.88 -0.70 0.00	19.51 -0.91 0.00	25.24 -1.21 0.00	35.74 -1.67 0.00	78.25 -3.46 0.00	42.02 -1.98 0.00	28.98 -1.39 0.00	23.19 -1.09 0.00	20.06 -0.87 0.00	20.12 -0.66 0.00
FLOWRFLD_69_KV_BK1 356044	19.86 1.51 0.00	21.61 1.71 -0.87	19.11 1.55 -0.93	19.63 1.66 0.00	44.68 1.65 -24.78	21.06 1.68 0.00	22.44 1.88 -0.21	33.88 2.49 0.00	183.42 2.38 -146.74	49.80 2.08 -18.03	25.43 1.68 0.00	21.29 1.40 0.00	20.02 1.47 0.00	20.26 1.54 0.00	19.13 1.55 0.00	21.99 1.57 0.00	28.36 1.91 0.00	40.19 2.79 0.00	86.84 6.00 0.87	46.65 2.66 0.00	32.39 2.02 0.00	26.17 1.88 0.00	22.52 1.59 0.00	22.40 1.62 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.49 1.15 0.00	21.14 1.24 -0.87	17.87 1.10 -0.15	19.14 1.17 0.00	19.39 1.15 0.00	20.56 1.18 0.00	21.65 1.31 0.00	33.10 1.71 0.00	36.00 1.70 0.00	31.20 1.51 0.00	25.07 1.32 0.00	21.00 1.11 0.00	19.65 1.09 0.00	19.84 1.12 0.00	18.70 1.12 0.00	21.55 1.13 0.00	27.83 1.38 0.00	39.54 2.13 0.00	86.45 4.73 0.00	46.17 2.18 0.00	31.93 1.56 0.00	25.56 1.27 0.00	22.07 1.14 0.00	21.98 1.20 0.00
FORT ORANGE___ 23900	19.19 0.85 0.00	21.00 0.91 -1.05	17.63 0.83 -0.18	18.84 0.87 0.00	19.12 0.88 0.00	20.28 0.90 0.00	21.24 0.89 0.00	32.37 0.98 0.00	35.14 0.84 0.00	30.39 0.70 0.00	24.39 0.64 0.00	20.38 0.50 0.00	19.04 0.48 0.00	19.23 0.50 0.00	18.13 0.55 0.00	20.97 0.55 0.00	27.18 0.73 0.00	38.68 1.27 0.00	84.40 2.69 0.00	45.24 1.24 0.00	31.21 0.84 0.00	24.92 0.63 0.00	21.53 0.60 0.00	21.39 0.61 0.00
FORT_DRUM_COGEN 23780	17.33 -1.02 0.00	17.96 -1.12 -0.05	15.68 -0.96 -0.01	16.89 -1.08 0.00	17.14 -1.10 0.00	18.28 -1.10 0.00	19.23 -1.12 0.00	29.77 -1.63 0.00	32.65 -1.65 0.00	28.30 -1.39 0.00	22.67 -1.08 0.00	19.17 -0.71 0.00	17.76 -0.80 0.00	17.66 -1.07 0.00	16.39 -1.19 0.00	18.95 -1.47 0.00	24.77 -1.68 0.00	35.85 -1.55 0.00	79.94 -1.77 0.00	43.24 -0.75 0.00	29.84 -0.53 0.00	23.83 -0.46 0.00	20.39 -0.54 0.00	20.46 -0.32 0.00
FOX_HILLS___ESR 323835	19.49 1.15 0.00	21.18 1.27 -0.87	17.85 1.07 -0.15	19.17 1.20 0.00	19.40 1.16 0.00	20.58 1.21 0.00	21.70 1.35 0.00	33.12 1.73 0.00	35.97 1.67 0.00	31.24 1.55 0.00	25.09 1.34 0.00	21.06 1.18 0.00	19.78 1.22 0.00	19.94 1.21 0.00	18.77 1.19 0.00	21.50 1.08 0.00	27.72 1.26 0.00	39.23 1.82 0.00	85.81 4.10 0.00	45.77 1.78 0.00	31.88 1.51 -0.01	25.54 1.24 -0.01	22.06 1.13 0.00	22.01 1.23 0.00
FPL_FAR_ROCK_GT1 24212	19.84 1.50 0.00	21.54 1.63 -0.87	19.02 1.46 -0.93	19.52 1.55 0.00	44.54 1.51 -24.78	20.92 1.55 0.00	22.30 1.74 -0.21	33.65 2.26 0.00	114.09 2.02 -77.76	49.62 1.90 -18.03	25.49 1.74 0.00	21.39 1.50 0.00	20.06 1.51 0.00	20.28 1.55 0.00	19.13 1.55 0.00	21.99 1.58 0.00	28.32 1.87 0.00	39.94 2.54 0.00	86.45 4.66 -0.07	46.06 2.06 0.00	32.38 2.01 0.00	26.08 1.80 0.00	22.48 1.55 0.00	22.37 1.59 0.00
FPL_FAR_ROCK_GT2 23815	19.84 1.50 0.00	21.54 1.63 -0.87	19.02 1.46 -0.93	19.52 1.55 0.00	44.54 1.51 -24.78	20.92 1.55 0.00	22.30 1.74 -0.21	33.65 2.26 0.00	114.09 2.02 -77.76	49.62 1.90 -18.03	25.49 1.74 0.00	21.39 1.50 0.00	20.06 1.51 0.00	20.28 1.55 0.00	19.13 1.55 0.00	21.99 1.58 0.00	28.32 1.87 0.00	39.94 2.54 0.00	86.45 4.66 -0.07	46.06 2.06 0.00	32.38 2.01 0.00	26.08 1.80 0.00	22.48 1.55 0.00	22.37 1.59 0.00

FRANKLIN_FALL_HYD 24054	17.99 -0.35 0.00	18.68 -0.35 0.00	16.25 -0.38 0.00	17.43 -0.54 0.00	17.78 -0.47 0.00	19.05 -0.33 0.00	20.09 -0.26 0.00	31.43 0.03 0.00	34.73 0.43 0.00	30.31 0.62 0.00	24.16 0.41 0.00	20.15 0.26 0.00	18.83 0.27 0.00	18.91 0.18 0.00	17.77 0.18 0.00	21.15 0.73 0.00	27.49 1.03 0.00	38.90 1.50 0.00	84.82 3.10 0.00	45.60 1.61 0.00	31.06 0.69 0.00	24.66 0.37 0.00	21.08 0.15 0.00	20.66 -0.12 0.00
FREEPORT_EQUS_GT1 23764	19.73 1.39 0.00	21.44 1.54 -0.87	18.94 1.37 -0.93	19.44 1.47 0.00	44.48 1.45 -24.78	20.84 1.46 0.00	22.22 1.66 -0.21	33.54 2.15 0.00	160.77 2.09 -124.37	49.58 1.87 -18.03	25.32 1.57 0.00	21.24 1.35 0.00	19.93 1.38 0.00	20.15 1.42 0.00	19.01 1.43 0.00	21.85 1.43 0.00	28.15 1.70 0.00	39.85 2.45 0.00	85.98 4.79 0.52	46.21 2.21 0.00	32.16 1.79 0.00	25.92 1.64 0.00	22.37 1.44 0.00	22.26 1.48 0.00
FREEPORT___CT2 23818	19.73 1.39 0.00	21.44 1.54 -0.87	18.94 1.37 -0.93	19.44 1.47 0.00	44.48 1.45 -24.78	20.84 1.46 0.00	22.22 1.66 -0.21	33.54 2.15 0.00	160.77 2.09 -124.37	49.58 1.87 -18.03	25.32 1.57 0.00	21.24 1.35 0.00	19.93 1.38 0.00	20.15 1.42 0.00	19.01 1.43 0.00	21.85 1.43 0.00	28.15 1.70 0.00	39.85 2.45 0.00	85.98 4.79 0.52	46.21 2.21 0.00	32.16 1.79 0.00	25.92 1.64 0.00	22.37 1.44 0.00	22.26 1.48 0.00
FRESHKLS_33_KV_LOAD 356253	19.45 1.10 0.00	21.15 1.24 -0.87	17.79 1.02 -0.15	19.15 1.18 0.00	19.39 1.15 0.00	20.57 1.20 0.00	21.69 1.34 0.00	33.09 1.70 0.00	35.92 1.62 0.00	31.17 1.48 0.00	25.03 1.28 0.00	21.02 1.13 0.00	19.73 1.18 0.00	19.90 1.17 0.00	18.72 1.14 0.00	21.45 1.03 0.00	27.65 1.20 0.00	39.14 1.73 0.00	85.70 3.99 0.00	45.67 1.68 0.00	31.83 1.46 -0.01	25.51 1.22 -0.01	22.05 1.12 0.00	21.99 1.21 0.00
FULTON COGEN____ 23766	17.71 -0.63 0.00	18.49 -0.63 -0.08	16.09 -0.56 -0.01	17.40 -0.57 0.00	17.65 -0.59 0.00	18.74 -0.64 0.00	19.69 -0.66 0.00	30.26 -1.13 0.00	33.04 -1.26 0.00	28.63 -1.05 0.00	22.98 -0.77 0.00	19.25 -0.63 0.00	17.93 -0.62 0.00	18.10 -0.63 0.00	16.98 -0.60 0.00	19.59 -0.82 0.00	25.39 -1.06 0.00	35.99 -1.42 0.00	78.85 -2.86 0.00	42.32 -1.67 0.00	29.19 -1.18 0.00	23.35 -0.93 0.00	20.20 -0.73 0.00	20.28 -0.50 0.00
FULTON___LFGE 323630	19.91 1.57 0.00	21.81 1.58 -1.19	18.18 1.35 -0.20	19.44 1.46 0.00	19.76 1.52 0.00	21.04 1.66 0.00	22.15 1.80 0.00	34.33 2.94 0.00	37.55 3.25 0.00	32.22 2.53 0.00	25.73 1.98 0.00	21.58 1.70 0.00	19.42 0.86 0.00	19.54 0.81 0.00	18.46 0.88 0.00	22.27 1.86 0.00	29.19 2.74 0.00	41.25 3.85 0.00	90.07 8.36 0.00	48.35 4.36 0.00	33.23 2.86 0.00	26.56 2.28 0.00	22.83 1.89 0.00	22.68 1.91 0.00
G.F.CEMENT___DRP 24184	19.39 1.05 0.00	21.29 1.17 -1.09	17.83 1.01 -0.18	19.06 1.09 0.00	19.33 1.09 0.00	20.55 1.17 0.00	21.62 1.27 0.00	33.09 1.70 0.00	35.79 1.48 0.00	30.92 1.23 0.00	24.77 1.02 0.00	20.81 0.93 0.00	19.42 0.86 0.00	19.59 0.86 0.00	18.52 0.94 0.00	21.57 1.16 0.00	27.95 1.49 0.00	39.79 2.38 0.00	86.80 5.09 0.00	46.49 2.49 0.00	31.99 1.62 0.00	25.40 1.12 0.00	21.90 0.97 0.00	21.70 0.92 0.00
GARDENVILLE___LBMP 24039	15.60 -1.61 1.13	17.49 -1.68 -0.14	15.19 -1.46 -0.02	16.56 -1.41 0.00	16.76 -1.48 0.00	17.80 -1.58 0.00	18.65 -1.70 0.00	28.49 -2.90 0.00	31.19 -3.11 0.00	27.34 -2.35 0.00	22.11 -1.64 0.00	18.34 -1.54 0.00	16.90 -1.65 0.00	17.01 -1.71 0.00	16.07 -1.51 0.00	18.56 -1.86 0.00	24.15 -2.31 0.00	34.02 -3.39 0.00	75.32 -6.39 0.00	40.31 -3.69 0.00	27.70 -2.67 0.00	22.28 -2.01 0.00	19.32 -1.61 0.00	19.63 -1.15 0.00
GARDNVLA_35_KV_LD 355827	15.63 -1.54 1.17	17.56 -1.61 -0.14	15.25 -1.41 -0.02	16.62 -1.35 0.00	16.83 -1.42 0.00	17.87 -1.51 0.00	18.74 -1.61 0.00	28.63 -2.76 0.00	31.34 -2.96 0.00	27.47 -2.22 0.00	22.22 -1.53 0.00	18.44 -1.45 0.00	16.98 -1.57 0.00	17.09 -1.64 0.00	16.15 -1.44 0.00	18.64 -1.78 0.00	24.26 -2.19 0.00	34.18 -3.23 0.00	75.70 -6.01 0.00	40.51 -3.49 0.00	27.84 -2.53 0.00	22.39 -1.90 0.00	19.40 -1.53 0.00	19.72 -1.06 0.00
GELCKHM___115KV_LOAD 80723	17.84 -0.50 0.00	18.63 -0.49 -0.10	16.21 -0.43 -0.02	17.53 -0.44 0.00	17.78 -0.46 0.00	18.88 -0.50 0.00	19.84 -0.51 0.00	30.50 -0.90 0.00	33.29 -1.02 0.00	28.86 -0.83 0.00	23.15 -0.60 0.00	19.38 -0.50 0.00	18.05 -0.51 0.00	18.23 -0.49 0.00	17.12 -0.46 0.00	19.78 -0.64 0.00	25.60 -0.85 0.00	36.26 -1.15 0.00	79.49 -2.23 0.00	42.63 -1.36 0.00	29.39 -0.98 0.00	23.53 -0.76 0.00	20.35 -0.58 0.00	20.43 -0.35 0.00
GENERAL___MILLS 23808	15.63 -1.56 1.16	17.54 -1.63 -0.14	15.24 -1.42 -0.02	16.61 -1.37 0.00	16.81 -1.43 0.00	17.85 -1.52 0.00	18.72 -1.63 0.00	28.59 -2.80 0.00	31.30 -3.01 0.00	27.43 -2.26 0.00	22.19 -1.56 0.00	18.41 -1.48 0.00	16.96 -1.60 0.00	17.07 -1.66 0.00	16.13 -1.46 0.00	18.61 -1.80 0.00	24.23 -2.22 0.00	34.14 -3.27 0.00	75.59 -6.12 0.00	40.45 -3.55 0.00	27.79 -2.58 0.00	22.35 -1.93 0.00	19.38 -1.55 0.00	19.69 -1.09 0.00
GE_PLASTICS___DRP 24183	19.05 0.70 0.00	20.85 0.77 -1.05	17.50 0.69 -0.18	18.71 0.74 0.00	18.98 0.74 0.00	20.13 0.75 0.00	21.09 0.74 0.00	32.22 0.82 0.00	35.01 0.70 0.00	30.28 0.59 0.00	24.31 0.56 0.00	20.34 0.45 0.00	19.00 0.44 0.00	19.19 0.47 0.00	18.09 0.51 0.00	20.91 0.49 0.00	27.05 0.60 0.00	38.42 1.02 0.00	83.91 2.20 0.00	44.98 0.99 0.00	31.05 0.68 0.00	24.81 0.53 0.00	21.44 0.51 0.00	21.31 0.53 0.00
GILBOA___1 23756	18.90 0.55 0.00	20.55 0.69 -0.83	17.37 0.60 -0.14	18.62 0.64 0.00	18.88 0.64 0.00	20.01 0.63 0.00	20.97 0.62 0.00	32.12 0.73 0.00	34.96 0.65 0.00	30.28 0.59 0.00	24.30 0.55 0.00	20.35 0.46 0.00	19.00 0.45 0.00	19.20 0.47 0.00	18.09 0.50 0.00	20.89 0.47 0.00	27.00 0.55 0.00	38.31 0.90 0.00	83.74 2.02 0.00	44.86 0.87 0.00	30.99 0.62 0.00	24.78 0.50 0.00	21.41 0.48 0.00	21.32 0.54 0.00
GILBOA___2 23757	18.90 0.55 0.00	20.55 0.69 -0.83	17.37 0.60 -0.14	18.62 0.64 0.00	18.88 0.64 0.00	20.01 0.63 0.00	20.97 0.62 0.00	32.12 0.73 0.00	34.96 0.65 0.00	30.28 0.59 0.00	24.30 0.55 0.00	20.35 0.46 0.00	19.00 0.45 0.00	19.20 0.47 0.00	18.09 0.50 0.00	20.89 0.47 0.00	27.00 0.55 0.00	38.31 0.90 0.00	83.74 2.02 0.00	44.86 0.87 0.00	30.99 0.62 0.00	24.78 0.50 0.00	21.41 0.48 0.00	21.32 0.54 0.00
GILBOA___3 23758	18.90 0.55 0.00	20.55 0.69 -0.83	17.37 0.60 -0.14	18.62 0.64 0.00	18.88 0.64 0.00	20.01 0.63 0.00	20.97 0.62 0.00	32.12 0.73 0.00	34.96 0.65 0.00	30.28 0.59 0.00	24.30 0.55 0.00	20.35 0.46 0.00	19.00 0.45 0.00	19.20 0.47 0.00	18.09 0.50 0.00	20.89 0.47 0.00	27.00 0.55 0.00	38.31 0.90 0.00	83.74 2.02 0.00	44.86 0.87 0.00	30.99 0.62 0.00	24.78 0.50 0.00	21.41 0.48 0.00	21.32 0.54 0.00

GILBOA___4 23759	18.90 0.55 0.00	20.55 0.69 -0.83	17.37 0.60 -0.14	18.62 0.64 0.00	18.88 0.64 0.00	20.01 0.63 0.00	20.97 0.62 0.00	32.12 0.73 0.00	34.96 0.65 0.00	30.28 0.59 0.00	24.30 0.55 0.00	20.35 0.46 0.00	19.00 0.45 0.00	19.20 0.47 0.00	18.09 0.50 0.00	20.89 0.47 0.00	27.00 0.55 0.00	38.31 0.90 0.00	83.74 2.02 0.00	44.86 0.87 0.00	30.99 0.62 0.00	24.78 0.50 0.00	21.41 0.48 0.00	21.32 0.54 0.00
GILBOA____ 23599	18.90 0.55 0.00	20.55 0.69 -0.83	17.37 0.60 -0.14	18.62 0.65 0.00	18.88 0.64 0.00	20.01 0.63 0.00	20.97 0.62 0.00	32.12 0.73 0.00	34.96 0.65 0.00	30.28 0.59 0.00	24.30 0.55 0.00	20.35 0.46 0.00	19.00 0.45 0.00	19.20 0.48 0.00	18.09 0.50 0.00	20.89 0.47 0.00	27.00 0.55 0.00	38.31 0.90 0.00	83.73 2.02 0.00	44.86 0.87 0.00	30.99 0.62 0.00	24.78 0.50 0.00	21.41 0.48 0.00	21.32 0.54 0.00
GINNA____ 23603	15.88 -1.73 0.73	17.35 -1.80 -0.12	15.07 -1.58 -0.02	16.34 -1.63 0.00	16.58 -1.67 0.00	17.61 -1.77 0.00	18.48 -1.87 0.00	28.37 -3.03 0.00	30.99 -3.32 0.00	26.95 -2.74 0.00	21.73 -2.02 0.00	18.11 -1.78 0.00	16.80 -1.76 0.00	16.93 -1.80 0.00	15.94 -1.64 0.00	18.41 -2.00 0.00	23.97 -2.48 0.00	33.96 -3.44 0.00	74.66 -7.06 0.00	39.98 -4.02 0.00	27.49 -2.88 0.00	22.01 -2.27 0.00	18.86 -1.92 0.16	19.14 -1.64 0.00
GLEN PARK____ 23778	17.38 -0.96 0.00	18.02 -1.07 -0.05	15.72 -0.92 -0.01	16.94 -1.03 0.00	17.19 -1.05 0.00	18.34 -1.04 0.00	19.28 -1.06 0.00	29.86 -1.53 0.00	32.77 -1.53 0.00	28.41 -1.28 0.00	22.75 -1.00 0.00	19.22 -0.67 0.00	17.80 -0.76 0.00	17.68 -1.04 0.00	16.39 -1.19 0.00	18.93 -1.49 0.00	24.79 -1.67 0.00	35.99 -1.42 0.00	80.25 -1.47 0.00	43.39 -0.61 0.00	29.93 -0.44 0.00	23.89 -0.39 0.00	20.45 -0.48 0.00	20.52 -0.26 0.00
GLENDALE_27_KV_LOAD 356172	19.57 1.23 0.00	21.26 1.35 -0.87	17.96 1.18 -0.15	19.22 1.25 0.00	19.45 1.21 0.00	20.64 1.27 0.00	21.76 1.41 0.00	33.21 1.82 0.00	36.10 1.80 0.00	31.39 1.70 0.00	25.22 1.46 0.00	21.16 1.27 0.00	19.86 1.30 0.00	20.02 1.29 0.00	18.87 1.29 0.00	21.60 1.19 0.00	27.84 1.39 0.00	39.44 2.04 0.00	86.26 4.55 0.00	46.01 2.01 0.00	31.97 1.60 0.00	25.58 1.30 0.00	22.09 1.16 0.00	22.06 1.29 0.00
GLENWOOD_IC_1_G5 23712	19.72 1.38 0.00	21.44 1.54 -0.87	18.93 1.37 -0.93	19.43 1.46 0.00	44.47 1.44 -24.78	20.84 1.46 0.00	22.20 1.64 -0.21	33.54 2.15 0.00	169.54 2.23 -133.01	49.72 2.00 -18.03	25.35 1.60 0.00	21.25 1.36 0.00	19.94 1.39 0.00	20.15 1.43 0.00	19.01 1.43 0.00	21.85 1.44 0.00	28.15 1.70 0.00	39.87 2.47 0.00	86.42 5.15 0.44	46.35 2.35 0.00	32.19 1.82 0.00	25.91 1.63 0.00	22.35 1.42 0.00	22.24 1.46 0.00
GLENWOOD_IC_2_G1 23688	19.68 1.33 0.00	21.39 1.48 -0.87	18.89 1.33 -0.93	19.39 1.42 0.00	44.42 1.39 -24.78	20.79 1.41 0.00	22.14 1.59 -0.21	33.45 2.06 0.00	179.34 2.12 -142.92	49.62 1.91 -18.03	25.28 1.53 0.00	21.19 1.31 0.00	19.89 1.33 0.00	20.10 1.38 0.00	18.96 1.38 0.00	21.79 1.38 0.00	28.08 1.63 0.00	39.76 2.36 0.00	86.29 4.92 0.35	46.22 2.22 0.00	32.10 1.74 0.00	25.84 1.56 0.00	22.29 1.36 0.00	22.19 1.42 0.00
GLENWOOD_IC_3_G1 23689	19.68 1.33 0.00	21.39 1.48 -0.87	18.89 1.33 -0.93	19.39 1.42 0.00	44.42 1.39 -24.78	20.79 1.41 0.00	22.14 1.59 -0.21	33.45 2.06 0.00	179.34 2.12 -142.92	49.62 1.91 -18.03	25.28 1.53 0.00	21.19 1.31 0.00	19.89 1.33 0.00	20.10 1.38 0.00	18.96 1.38 0.00	21.79 1.38 0.00	28.08 1.63 0.00	39.76 2.36 0.00	86.29 4.92 0.35	46.22 2.22 0.00	32.10 1.74 0.00	25.84 1.56 0.00	22.29 1.36 0.00	22.19 1.42 0.00
GLENWOOD___4 23550	19.72 1.38 0.00	21.44 1.54 -0.87	18.93 1.37 -0.93	19.43 1.46 0.00	44.47 1.44 -24.78	20.84 1.46 0.00	22.20 1.64 -0.21	33.54 2.15 0.00	169.54 2.23 -133.01	49.72 2.00 -18.03	25.35 1.60 0.00	21.25 1.36 0.00	19.94 1.39 0.00	20.15 1.43 0.00	19.01 1.43 0.00	21.85 1.44 0.00	28.15 1.70 0.00	39.87 2.47 0.00	86.42 5.15 0.44	46.35 2.35 0.00	32.19 1.82 0.00	25.91 1.63 0.00	22.35 1.42 0.00	22.24 1.46 0.00
GLENWOOD___5 23614	19.72 1.38 0.00	21.44 1.54 -0.87	18.93 1.37 -0.93	19.43 1.46 0.00	44.47 1.44 -24.78	20.84 1.46 0.00	22.20 1.64 -0.21	33.54 2.15 0.00	169.54 2.23 -133.01	49.72 2.00 -18.03	25.35 1.60 0.00	21.25 1.36 0.00	19.94 1.39 0.00	20.15 1.43 0.00	19.01 1.43 0.00	21.85 1.44 0.00	28.15 1.70 0.00	39.87 2.47 0.00	86.42 5.15 0.44	46.35 2.35 0.00	32.19 1.82 0.00	25.91 1.63 0.00	22.35 1.42 0.00	22.24 1.46 0.00
GLOBAL GREEN_PORT_GT1 23814	20.23 1.89 0.00	22.07 2.17 -0.87	19.56 2.00 -0.93	20.14 2.17 0.00	45.19 2.16 -24.78	21.64 2.26 0.00	23.06 2.50 -0.21	34.69 3.30 0.00	183.65 2.42 -146.93	50.54 2.82 -18.03	25.95 2.20 0.00	21.62 1.74 0.00	20.36 1.81 0.00	20.62 1.90 0.00	19.48 1.90 0.00	22.41 1.99 0.00	29.07 2.62 0.00	41.07 3.66 0.00	88.77 7.92 0.87	47.32 3.33 0.00	32.77 2.40 0.00	26.56 2.28 0.00	22.95 2.02 0.00	22.80 2.02 0.00
GLOBE___DSASP 323697	15.23 -2.09 1.03	16.89 -2.28 -0.13	14.67 -1.98 -0.02	16.00 -1.97 0.00	16.20 -2.04 0.00	17.18 -2.20 0.00	17.97 -2.38 0.00	27.41 -3.98 0.00	30.00 -4.31 0.00	26.30 -3.39 0.00	21.27 -2.48 0.00	17.65 -2.23 0.00	16.27 -2.28 0.00	16.36 -2.36 0.00	15.51 -2.07 0.00	17.88 -2.54 0.00	23.29 -3.17 0.00	32.74 -4.67 0.00	72.29 -9.42 0.00	38.69 -5.30 0.00	26.56 -3.81 0.00	21.35 -2.94 0.00	18.54 -2.39 0.00	18.88 -1.90 0.00
GOETHSLN___LBMP 323567	19.42 1.08 0.00	21.11 1.20 -0.87	17.87 1.09 -0.15	19.10 1.13 0.00	19.32 1.08 0.00	20.50 1.12 0.00	21.62 1.27 0.00	32.99 1.60 0.00	35.79 1.48 0.00	31.13 1.44 0.00	25.02 1.26 0.00	21.00 1.12 0.00	19.70 1.14 0.00	19.88 1.16 0.00	18.72 1.14 0.00	21.45 1.04 0.00	27.64 1.18 0.00	39.17 1.76 0.00	85.60 3.88 0.00	45.64 1.64 0.00	31.67 1.30 0.00	25.35 1.07 0.00	21.91 0.98 0.00	21.86 1.09 0.00
GOLAH___69_KV_TB 1_2 80279	16.47 -1.06 0.81	18.04 -1.11 -0.12	15.68 -0.97 -0.02	17.03 -0.94 0.00	17.26 -0.98 0.00	18.33 -1.05 0.00	19.21 -1.14 0.00	29.45 -1.94 0.00	32.19 -2.11 0.00	28.06 -1.63 0.00	22.65 -1.10 0.00	18.84 -1.04 0.00	17.42 -1.13 0.00	17.55 -1.18 0.00	16.56 -1.02 0.00	19.13 -1.29 0.00	24.92 -1.54 0.00	35.28 -2.13 0.00	77.77 -3.95 0.00	41.61 -2.39 0.00	28.58 -1.79 0.00	22.91 -1.37 0.00	19.81 -1.12 0.00	20.01 -0.77 0.00
GOODYEAR_LAKE_HYD 323669	18.80 0.46 0.00	19.85 0.55 -0.28	17.15 0.47 -0.05	18.50 0.53 0.00	18.79 0.55 0.00	19.96 0.58 0.00	20.94 0.59 0.00	32.27 0.88 0.00	35.36 1.06 0.00	30.69 1.00 0.00	24.58 0.82 0.00	20.56 0.67 0.00	19.13 0.58 0.00	19.31 0.58 0.00	18.12 0.53 0.00	20.99 0.58 0.00	27.33 0.87 0.00	38.62 1.21 0.00	84.58 2.86 0.00	45.32 1.32 0.00	31.24 0.87 0.00	25.01 0.73 0.00	21.59 0.66 0.00	21.56 0.78 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	17.69 -0.31 0.34	19.15 -0.18 -0.29	16.48 -0.20 -0.05	17.81 -0.16 0.00	18.06 -0.18 0.00	19.14 -0.24 0.00	20.11 -0.24 0.00	30.88 -0.51 0.00	33.73 -0.57 0.00	29.32 -0.37 0.00	23.52 -0.23 0.00	19.67 -0.22 0.00	18.29 -0.26 0.00	18.55 -0.18 0.00	17.42 -0.16 0.00	20.16 -0.25 0.00	26.12 -0.33 0.00	36.92 -0.49 0.00	81.13 -0.58 0.00	43.38 -0.62 0.00	29.88 -0.49 0.00	23.98 -0.30 0.00	20.72 -0.21 0.00	20.79 0.01 0.00
GOUDEY___7 23579	17.70 -0.30 0.34	19.16 -0.16 -0.29	16.49 -0.19 -0.05	17.82 -0.15 0.00	18.07 -0.17 0.00	19.15 -0.23 0.00	20.13 -0.22 0.00	30.90 -0.50 0.00	33.76 -0.55 0.00	29.35 -0.34 0.00	23.53 -0.22 0.00	19.68 -0.21 0.00	18.30 -0.25 0.00	18.56 -0.16 0.00	17.43 -0.15 0.00	20.19 -0.23 0.00	26.14 -0.31 0.00	36.95 -0.46 0.00	81.19 -0.52 0.00	43.41 -0.58 0.00	29.90 -0.47 0.00	24.00 -0.29 0.00	20.74 -0.19 0.00	20.80 0.02 0.00
GOUDEY___8 23580	17.69 -0.31 0.34	19.15 -0.18 -0.29	16.48 -0.20 -0.05	17.81 -0.16 0.00	18.06 -0.18 0.00	19.14 -0.24 0.00	20.11 -0.24 0.00	30.88 -0.51 0.00	33.73 -0.57 0.00	29.32 -0.37 0.00	23.52 -0.23 0.00	19.67 -0.22 0.00	18.29 -0.26 0.00	18.55 -0.18 0.00	17.42 -0.16 0.00	20.16 -0.25 0.00	26.12 -0.33 0.00	36.92 -0.49 0.00	81.13 -0.58 0.00	43.38 -0.62 0.00	29.88 -0.49 0.00	23.98 -0.30 0.00	20.72 -0.21 0.00	20.79 0.01 0.00
GOWANUS_GT1_1 24077	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT1_2 24078	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT1_3 24079	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT1_4 24080	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT1_5 24084	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT1_6 24111	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT1_7 24112	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT1_8 24113	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT2_1 24114	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT2_2 24115	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT2_3 24116	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT2_4 24117	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00

GOWANUS_GT2_5 24118	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT2_6 24119	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT2_7 24120	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT2_8 24121	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT3_1 24122	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT3_2 24123	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT3_3 24124	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT3_4 24125	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT3_5 24126	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT3_6 24127	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT3_7 24128	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT3_8 24129	19.54 <u>1.20</u> 0.00	21.23 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.43 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT4_1 24130	19.55 <u>1.21</u> 0.00	21.24 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.44 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT4_2 24131	19.55 <u>1.21</u> 0.00	21.24 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.44 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00
GOWANUS_GT4_3 24132	19.55 <u>1.21</u> 0.00	21.24 <u>1.33</u> -0.87	17.92 <u>1.14</u> -0.15	19.20 <u>1.23</u> 0.00	19.44 <u>1.19</u> 0.00	20.63 <u>1.25</u> 0.00	21.75 <u>1.40</u> 0.00	33.19 <u>1.80</u> 0.00	36.07 <u>1.76</u> 0.00	31.34 <u>1.65</u> 0.00	25.18 <u>1.43</u> 0.00	21.14 <u>1.25</u> 0.00	19.84 <u>1.29</u> 0.00	20.00 <u>1.28</u> 0.00	18.84 <u>1.26</u> 0.00	21.58 <u>1.16</u> 0.00	27.81 <u>1.36</u> 0.00	39.38 <u>1.98</u> 0.00	86.12 <u>4.41</u> 0.00	45.93 <u>1.94</u> 0.00	31.98 <u>1.60</u> -0.01	25.60 <u>1.31</u> -0.01	22.11 <u>1.18</u> 0.00	22.07 <u>1.29</u> 0.00

GOWANUS_GT4_4 24133	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT4_5 24134	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT4_6 24135	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT4_7 24136	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GOWANUS_GT4_8 24137	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GREENBSH_115KV_TB3 55895	19.09 0.75 0.00	20.90 0.82 -1.05	17.55 0.74 -0.18	18.75 0.78 0.00	19.02 0.78 0.00	20.17 0.80 0.00	21.12 0.77 0.00	32.18 0.79 0.00	34.95 0.65 0.00	30.22 0.53 0.00	24.27 0.52 0.00	20.31 0.42 0.00	18.97 0.42 0.00	19.17 0.45 0.00	18.09 0.51 0.00	20.89 0.47 0.00	27.02 0.57 0.00	38.41 1.00 0.00	83.82 2.10 0.00	44.94 0.94 0.00	31.02 0.65 0.00	24.77 0.48 0.00	21.41 0.48 0.00	21.27 0.49 0.00
GREENDGE_115KV_TB5 80291	13.20 -0.64 4.51	18.72 -0.50 -0.19	16.14 -0.53 -0.03	17.50 -0.47 0.00	17.79 -0.45 0.00	18.83 -0.55 0.00	19.84 -0.51 0.00	30.49 -0.90 0.00	33.20 -1.11 0.00	28.91 -0.78 0.00	23.15 -0.61 0.00	19.35 -0.54 0.00	17.99 -0.57 0.00	18.21 -0.51 0.00	17.13 -0.45 0.00	19.73 -0.69 0.00	25.65 -0.81 0.00	36.30 -1.10 0.00	79.56 -2.15 0.00	42.57 -1.43 0.00	29.41 -0.96 0.00	23.76 -0.52 0.00	20.55 -0.38 0.00	20.65 -0.13 0.00
GREENIDGE___3 23582	13.20 -0.64 4.51	18.72 -0.50 -0.19	16.14 -0.53 -0.03	17.50 -0.47 0.00	17.79 -0.45 0.00	18.83 -0.55 0.00	19.84 -0.51 0.00	30.49 -0.90 0.00	33.20 -1.11 0.00	28.91 -0.78 0.00	23.15 -0.61 0.00	19.35 -0.54 0.00	17.99 -0.57 0.00	18.21 -0.51 0.00	17.13 -0.45 0.00	19.73 -0.69 0.00	25.65 -0.81 0.00	36.30 -1.10 0.00	79.56 -2.15 0.00	42.57 -1.43 0.00	29.41 -0.96 0.00	23.76 -0.52 0.00	20.55 -0.38 0.00	20.65 -0.13 0.00
GREENIDGE___4 23583	13.20 -0.64 4.51	18.73 -0.49 -0.19	16.14 -0.53 -0.03	17.50 -0.47 0.00	17.79 -0.45 0.00	18.83 -0.55 0.00	19.84 -0.51 0.00	30.49 -0.91 0.00	33.21 -1.10 0.00	28.91 -0.78 0.00	23.15 -0.61 0.00	19.35 -0.54 0.00	17.98 -0.57 0.00	18.21 -0.51 0.00	17.13 -0.45 0.00	19.73 -0.69 0.00	25.65 -0.80 0.00	36.31 -1.10 0.00	79.56 -2.15 0.00	42.57 -1.43 0.00	29.41 -0.96 0.00	23.76 -0.52 0.00	20.73 -0.38 -0.18	20.65 -0.13 0.00
GREENLWN_69_KV_BK 3 55738	19.63 1.29 0.00	21.35 1.45 -0.87	18.87 1.31 -0.93	19.37 1.40 0.00	44.40 1.38 -24.78	20.76 1.38 0.00	22.10 1.54 -0.21	33.33 1.94 0.00	182.47 1.99 -146.17	49.50 1.79 -18.03	25.19 1.44 0.00	21.12 1.23 0.00	19.84 1.28 0.00	20.05 1.33 0.00	18.92 1.34 0.00	21.75 1.33 0.00	27.95 1.50 0.00	39.58 2.17 0.00	85.40 4.59 0.90	45.99 2.00 0.00	31.95 1.58 0.00	25.79 1.51 0.00	22.24 1.31 0.00	22.14 1.36 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
GRISSOM___SOLAR 323813	19.91 1.57 0.00	21.81 1.58 -1.19	18.18 1.35 -0.20	19.44 1.46 0.00	19.76 1.52 0.00	21.04 1.66 0.00	22.15 1.80 0.00	34.33 2.94 0.00	37.55 3.25 0.00	32.22 2.53 0.00	25.73 1.98 0.00	21.58 1.70 0.00	19.42 0.86 0.00	19.54 0.81 0.00	18.46 0.88 0.00	22.27 1.86 0.00	29.19 2.74 0.00	41.25 3.85 0.00	90.07 8.36 0.00	48.35 4.36 0.00	33.23 2.86 0.00	26.56 2.28 0.00	22.83 1.89 0.00	22.68 1.91 0.00
GROVEVILLE___HYD 323602	19.49 1.15 0.00	21.14 1.24 -0.87	17.87 1.10 -0.15	19.14 1.17 0.00	19.39 1.15 0.00	20.56 1.18 0.00	21.65 1.31 0.00	33.10 1.71 0.00	36.00 1.70 0.00	31.20 1.51 0.00	25.07 1.32 0.00	21.00 1.11 0.00	19.65 1.09 0.00	19.84 1.12 0.00	18.70 1.12 0.00	21.55 1.13 0.00	27.83 1.38 0.00	39.54 2.13 0.00	86.45 4.73 0.00	46.17 2.18 0.00	31.93 1.56 0.00	25.56 1.27 0.00	22.07 1.14 0.00	21.98 1.20 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.97 -0.37 0.00	18.78 -0.35 -0.10	16.33 -0.32 -0.02	17.66 -0.31 0.00	17.91 -0.33 0.00	19.01 -0.37 0.00	19.99 -0.36 0.00	30.73 -0.66 0.00	33.53 -0.77 0.00	29.07 -0.62 0.00	23.32 -0.43 0.00	19.53 -0.35 0.00	18.19 -0.37 0.00	18.37 -0.36 0.00	17.26 -0.32 0.00	19.94 -0.48 0.00	25.82 -0.63 0.00	36.55 -0.85 0.00	80.13 -1.59 0.00	42.95 -1.04 0.00	29.61 -0.76 0.00	23.71 -0.57 0.00	20.50 -0.43 0.00	20.58 -0.20 0.00
HAMLTNNY_34_KV_TB 80303	17.96 -0.38 0.00	18.79 -0.35 -0.11	16.34 -0.31 -0.02	17.67 -0.30 0.00	17.92 -0.32 0.00	19.01 -0.37 0.00	20.01 -0.34 0.00	30.75 -0.64 0.00	33.54 -0.76 0.00	29.09 -0.59 0.00	23.33 -0.42 0.00	19.54 -0.34 0.00	18.19 -0.37 0.00	18.38 -0.34 0.00	17.28 -0.31 0.00	19.96 -0.45 0.00	25.85 -0.60 0.00	36.61 -0.80 0.00	80.29 -1.42 0.00	43.00 -1.00 0.00	29.61 -0.76 0.00	23.75 -0.53 0.00	20.52 -0.41 0.00	20.60 -0.18 0.00

HAMPSHIRE___PAPER_HYD 323593	17.59 -0.76 0.00	18.20 -0.86 -0.03	15.88 -0.76 0.00	17.11 -0.86 0.00	17.36 -0.88 0.00	18.48 -0.89 0.00	19.43 -0.91 0.00	30.31 -1.08 0.00	33.33 -0.98 0.00	28.85 -0.84 0.00	23.01 -0.74 0.00	19.36 -0.53 0.00	18.01 -0.55 0.00	18.01 -0.71 0.00	16.81 -0.77 0.00	19.69 -0.73 0.00	25.51 -0.94 0.00	36.44 -0.96 0.00	80.42 -1.29 0.00	43.55 -0.45 0.00	29.99 -0.37 0.00	23.98 -0.31 0.00	20.58 -0.35 0.00	20.37 -0.41 0.00
HARDSCRABBLE_WT_PWR 323673	18.71 0.37 0.00	19.48 0.44 0.00	16.99 0.36 0.00	18.33 0.36 0.00	18.65 0.41 0.00	19.82 0.44 0.00	20.87 0.53 0.00	31.87 0.48 0.00	34.50 0.19 0.00	29.82 0.12 0.00	23.98 0.23 0.00	20.04 0.16 0.00	18.52 -0.04 0.00	18.57 -0.16 0.00	17.63 0.05 0.00	20.63 0.21 0.00	26.77 0.31 0.00	37.66 0.26 0.00	81.83 0.12 0.00	43.97 -0.03 0.00	30.33 -0.04 0.00	24.20 -0.09 0.00	20.90 -0.03 0.00	20.77 -0.01 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.26 0.92 0.00	20.84 1.00 -0.80	17.64 0.87 -0.13	18.90 0.93 0.00	19.16 0.92 0.00	20.33 0.95 0.00	21.41 1.06 0.00	32.74 1.35 0.00	35.65 1.34 0.00	30.88 1.20 0.00	24.86 1.11 0.00	20.80 0.92 0.00	19.45 0.89 0.00	19.64 0.91 0.00	18.51 0.93 0.00	21.32 0.90 0.00	27.55 1.10 0.00	39.09 1.69 0.00	85.55 3.84 0.00	45.70 1.70 0.00	31.60 1.23 0.00	25.31 1.03 0.00	21.87 0.93 0.00	21.79 1.01 0.00
HARSNRAD_115KV_TB1 81005	15.54 -1.80 1.01	17.27 -1.89 -0.13	15.01 -1.64 -0.02	16.37 -1.60 0.00	16.57 -1.68 0.00	17.59 -1.79 0.00	18.39 -1.96 0.00	28.05 -3.34 0.00	30.69 -3.61 0.00	26.91 -2.78 0.00	21.76 -1.99 0.00	18.04 -1.85 0.00	16.63 -1.93 0.00	16.70 -2.03 0.00	15.82 -1.76 0.00	18.25 -2.17 0.00	23.79 -2.66 0.00	33.52 -3.88 0.00	74.12 -7.60 0.00	39.66 -4.34 0.00	27.23 -3.14 0.00	21.88 -2.40 0.00	18.97 -1.96 0.00	19.27 -1.51 0.00
HARZA MOOSE___RIVER 24016	18.01 -0.33 0.00	18.69 -0.38 -0.03	16.31 -0.33 -0.01	17.60 -0.38 0.00	17.86 -0.38 0.00	19.01 -0.36 0.00	20.01 -0.34 0.00	30.90 -0.49 0.00	33.85 -0.46 0.00	29.28 -0.41 0.00	23.42 -0.34 0.00	19.74 -0.15 0.00	18.35 -0.21 0.00	18.40 -0.33 0.00	17.23 -0.35 0.00	19.98 -0.44 0.00	25.96 -0.49 0.00	37.09 -0.32 0.00	82.10 0.39 0.00	44.30 0.31 0.00	30.55 0.18 0.00	24.41 0.12 0.00	20.94 0.01 0.00	20.89 0.11 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.83 -0.51 0.00	18.63 -0.49 -0.10	16.21 -0.44 -0.02	17.53 -0.44 0.00	17.78 -0.46 0.00	18.88 -0.50 0.00	19.83 -0.52 0.00	30.48 -0.91 0.00	33.27 -1.03 0.00	28.84 -0.84 0.00	23.15 -0.60 0.00	19.38 -0.51 0.00	18.05 -0.51 0.00	18.23 -0.49 0.00	17.12 -0.46 0.00	19.78 -0.64 0.00	25.62 -0.84 0.00	36.27 -1.13 0.00	79.50 -2.22 0.00	42.63 -1.37 0.00	29.40 -0.97 0.00	23.53 -0.75 0.00	20.35 -0.58 0.00	20.43 -0.35 0.00
HELLGATE_13_KV_LD 55870	19.50 1.15 0.00	21.20 1.29 -0.87	17.92 1.14 -0.15	19.17 1.20 0.00	19.40 1.15 0.00	20.58 1.20 0.00	21.69 1.35 0.00	33.10 1.71 0.00	35.98 1.68 0.00	31.27 1.58 0.00	25.11 1.36 0.00	21.07 1.19 0.00	19.78 1.23 0.00	19.93 1.20 0.00	18.79 1.21 0.00	21.51 1.09 0.00	27.72 1.26 0.00	39.27 1.86 0.00	85.85 4.14 0.00	45.80 1.81 0.00	31.83 1.46 0.00	25.46 1.17 0.00	21.99 1.06 0.00	21.98 1.20 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.50 1.15 0.00	21.20 1.29 -0.87	17.92 1.14 -0.15	19.17 1.20 0.00	19.40 1.15 0.00	20.58 1.20 0.00	21.69 1.35 0.00	33.10 1.71 0.00	35.98 1.68 0.00	31.27 1.58 0.00	25.11 1.36 0.00	21.07 1.19 0.00	19.78 1.23 0.00	19.93 1.20 0.00	18.79 1.21 0.00	21.51 1.09 0.00	27.72 1.26 0.00	39.27 1.86 0.00	85.85 4.14 0.00	45.80 1.81 0.00	31.83 1.46 0.00	25.46 1.17 0.00	21.99 1.06 0.00	21.98 1.20 0.00
HEMPSTEAD____ 23647	19.64 1.29 0.00	21.34 1.44 -0.87	18.85 1.29 -0.93	19.35 1.38 0.00	44.39 1.36 -24.78	20.74 1.36 0.00	22.11 1.55 -0.21	33.39 2.00 0.00	167.22 2.04 -130.88	49.55 1.83 -18.03	25.21 1.46 0.00	21.13 1.25 0.00	19.84 1.28 0.00	20.05 1.33 0.00	18.92 1.34 0.00	21.74 1.33 0.00	28.02 1.56 0.00	39.66 2.25 0.00	85.80 4.62 0.54	46.08 2.08 0.00	32.01 1.64 0.00	25.79 1.50 0.00	22.25 1.32 0.00	22.14 1.36 0.00
HEWLETT__69_KV_BK3 55828	19.77 1.43 0.00	21.46 1.56 -0.87	18.95 1.39 -0.93	19.45 1.47 0.00	44.46 1.44 -24.78	20.84 1.46 0.00	22.21 1.65 -0.21	33.52 2.13 0.00	114.08 2.02 -77.76	49.58 1.86 -18.03	25.38 1.63 0.00	21.29 1.40 0.00	19.98 1.42 0.00	20.19 1.47 0.00	19.05 1.47 0.00	21.89 1.48 0.00	28.19 1.74 0.00	39.82 2.41 0.00	86.37 4.58 -0.07	46.06 2.07 0.00	32.23 1.86 0.00	25.97 1.68 0.00	22.38 1.45 0.00	22.28 1.50 0.00
HICKLING___1 23621	13.00 -0.76 4.59	18.75 -0.52 -0.24	16.11 -0.56 -0.04	17.45 -0.52 0.00	17.74 -0.50 0.00	18.74 -0.64 0.00	19.77 -0.58 0.00	30.34 -1.06 0.00	33.18 -1.12 0.00	28.95 -0.74 0.00	23.16 -0.59 0.00	19.38 -0.51 0.00	17.94 -0.62 0.00	18.29 -0.44 0.00	17.17 -0.41 0.00	19.83 -0.59 0.00	25.67 -0.78 0.00	36.28 -1.12 0.00	80.04 -1.67 0.00	42.70 -1.29 0.00	29.43 -0.94 0.00	23.74 -0.55 0.00	20.55 -0.38 0.00	20.67 -0.11 0.00
HICKLING___2 23622	13.00 -0.76 4.59	18.75 -0.52 -0.24	16.11 -0.56 -0.04	17.45 -0.52 0.00	17.74 -0.50 0.00	18.74 -0.64 0.00	19.77 -0.58 0.00	30.34 -1.06 0.00	33.18 -1.12 0.00	28.95 -0.74 0.00	23.16 -0.59 0.00	19.38 -0.51 0.00	17.94 -0.62 0.00	18.29 -0.44 0.00	17.17 -0.41 0.00	19.83 -0.59 0.00	25.67 -0.78 0.00	36.28 -1.12 0.00	80.04 -1.67 0.00	42.70 -1.29 0.00	29.43 -0.94 0.00	23.74 -0.55 0.00	20.55 -0.38 0.00	20.67 -0.11 0.00
HIGH FALLS___HY 23754	19.33 0.99 0.00	20.97 1.08 -0.85	17.71 0.94 -0.14	18.98 1.01 0.00	19.22 0.98 0.00	20.39 1.01 0.00	21.51 1.17 0.00	32.96 1.57 0.00	35.92 1.61 0.00	31.08 1.39 0.00	24.88 1.13 0.00	20.88 0.99 0.00	19.56 1.01 0.00	19.70 0.98 0.00	18.56 0.98 0.00	21.37 0.96 0.00	27.68 1.23 0.00	39.36 1.95 0.00	86.12 4.41 0.00	45.97 1.97 0.00	31.82 1.45 0.00	25.48 1.20 0.00	22.00 1.07 0.00	21.92 1.14 0.00
HILLBURN___GT 23639	19.24 0.89 0.00	20.83 0.98 -0.81	17.62 0.85 -0.14	18.88 0.91 0.00	19.14 0.89 0.00	20.29 0.91 0.00	21.39 1.04 0.00	32.69 1.30 0.00	35.61 1.30 0.00	30.86 1.17 0.00	24.85 1.10 0.00	20.79 0.90 0.00	19.44 0.88 0.00	19.62 0.89 0.00	18.50 0.91 0.00	21.28 0.86 0.00	27.49 1.04 0.00	39.00 1.59 0.00	85.37 3.65 0.00	45.57 1.58 0.00	31.53 1.16 0.00	25.27 0.99 0.00	21.84 0.91 0.00	21.77 0.99 0.00
HILLSIDE_115KV_TB1 80332	13.17 -0.85 4.32	18.65 -0.63 -0.25	16.03 -0.64 -0.04	17.36 -0.62 0.00	17.61 -0.63 0.00	18.61 -0.77 0.00	19.62 -0.73 0.00	30.10 -1.29 0.00	32.92 -1.39 0.00	28.69 -0.99 0.00	22.99 -0.76 0.00	19.22 -0.66 0.00	17.82 -0.73 0.00	18.16 -0.56 0.00	17.04 -0.54 0.00	19.72 -0.70 0.00	25.52 -0.94 0.00	36.03 -1.37 0.00	79.46 -2.26 0.00	42.38 -1.62 0.00	29.19 -1.18 0.00	23.51 -0.77 0.00	20.32 -0.61 0.00	20.44 -0.34 0.00

HISHELDN_WT_PWR 323625	15.33 -1.91 1.10	17.19 -1.99 -0.14	14.92 -1.73 -0.02	16.27 -1.70 0.00	16.50 -1.74 0.00	17.55 -1.83 0.00	18.43 -1.92 0.00	28.17 -3.23 0.00	30.81 -3.49 0.00	26.98 -2.71 0.00	21.83 -1.92 0.00	18.11 -1.78 0.00	16.65 -1.90 0.00	16.69 -2.04 0.00	15.74 -1.84 0.00	18.13 -2.28 0.00	23.68 -2.78 0.00	33.37 -4.04 0.00	73.88 -7.83 0.00	39.65 -4.35 0.00	27.31 -3.06 0.00	21.99 -2.30 0.00	18.66 -1.82 0.45	19.45 -1.33 0.00
HOLTSVILLE_IC_1 23690	19.82 1.48 0.00	21.59 1.69 -0.87	19.10 1.54 -0.93	19.63 1.66 0.00	44.67 1.64 -24.78	21.05 1.67 0.00	22.44 1.87 -0.21	33.84 2.44 0.00	183.57 2.27 -147.00	49.71 1.99 -18.03	25.35 1.60 0.00	21.21 1.32 0.00	19.96 1.40 0.00	20.20 1.47 0.00	19.07 1.49 0.00	21.92 1.50 0.00	28.28 1.83 0.00	40.05 2.65 0.00	86.55 5.70 0.87	46.50 2.51 0.00	32.30 1.93 0.00	26.10 1.81 0.00	22.46 1.53 0.00	22.35 1.57 0.00
HOLTSVILLE_IC_10 23699	19.90 1.56 0.00	21.67 1.77 -0.87	19.18 1.62 -0.93	19.71 1.74 0.00	44.76 1.73 -24.78	21.16 1.78 0.00	22.55 1.99 -0.21	34.01 2.62 0.00	183.45 2.47 -146.68	49.88 2.16 -18.03	25.47 1.72 0.00	21.31 1.43 0.00	20.06 1.50 0.00	20.30 1.57 0.00	19.17 1.59 0.00	22.04 1.62 0.00	28.43 1.98 0.00	40.30 2.89 0.00	87.10 6.26 0.87	46.78 2.79 0.00	32.47 2.10 0.00	26.24 1.95 0.00	22.58 1.65 0.00	22.47 1.69 0.00
HOLTSVILLE_IC_2 23691	19.82 1.48 0.00	21.59 1.69 -0.87	19.10 1.54 -0.93	19.63 1.66 0.00	44.67 1.64 -24.78	21.05 1.67 0.00	22.44 1.87 -0.21	33.84 2.44 0.00	183.57 2.27 -147.00	49.71 1.99 -18.03	25.35 1.60 0.00	21.21 1.32 0.00	19.96 1.40 0.00	20.20 1.47 0.00	19.07 1.49 0.00	21.92 1.50 0.00	28.28 1.83 0.00	40.05 2.65 0.00	86.55 5.70 0.87	46.50 2.51 0.00	32.30 1.93 0.00	26.10 1.81 0.00	22.46 1.53 0.00	22.35 1.57 0.00
HOLTSVILLE_IC_3 23692	19.82 1.48 0.00	21.59 1.69 -0.87	19.10 1.54 -0.93	19.63 1.66 0.00	44.67 1.64 -24.78	21.05 1.67 0.00	22.44 1.87 -0.21	33.84 2.44 0.00	183.57 2.27 -147.00	49.71 1.99 -18.03	25.35 1.60 0.00	21.21 1.32 0.00	19.96 1.40 0.00	20.20 1.47 0.00	19.07 1.49 0.00	21.92 1.50 0.00	28.28 1.83 0.00	40.05 2.65 0.00	86.55 5.70 0.87	46.50 2.51 0.00	32.30 1.93 0.00	26.10 1.81 0.00	22.46 1.53 0.00	22.35 1.57 0.00
HOLTSVILLE_IC_4 23693	19.82 1.48 0.00	21.59 1.69 -0.87	19.10 1.54 -0.93	19.63 1.66 0.00	44.67 1.64 -24.78	21.05 1.67 0.00	22.44 1.87 -0.21	33.84 2.44 0.00	183.57 2.27 -147.00	49.71 1.99 -18.03	25.35 1.60 0.00	21.21 1.32 0.00	19.96 1.40 0.00	20.20 1.47 0.00	19.07 1.49 0.00	21.92 1.50 0.00	28.28 1.83 0.00	40.05 2.65 0.00	86.55 5.70 0.87	46.50 2.51 0.00	32.30 1.93 0.00	26.10 1.81 0.00	22.46 1.53 0.00	22.35 1.57 0.00
HOLTSVILLE_IC_5 23694	19.82 1.48 0.00	21.59 1.69 -0.87	19.10 1.54 -0.93	19.63 1.66 0.00	44.67 1.64 -24.78	21.05 1.67 0.00	22.44 1.87 -0.21	33.84 2.44 0.00	183.57 2.27 -147.00	49.71 1.99 -18.03	25.35 1.60 0.00	21.21 1.32 0.00	19.96 1.40 0.00	20.20 1.47 0.00	19.07 1.49 0.00	21.92 1.50 0.00	28.28 1.83 0.00	40.05 2.65 0.00	86.55 5.70 0.87	46.50 2.51 0.00	32.30 1.93 0.00	26.10 1.81 0.00	22.46 1.53 0.00	22.35 1.57 0.00
HOLTSVILLE_IC_6 23695	19.90 1.56 0.00	21.67 1.77 -0.87	19.18 1.62 -0.93	19.71 1.74 0.00	44.76 1.73 -24.78	21.16 1.78 0.00	22.55 1.99 -0.21	34.01 2.62 0.00	183.45 2.47 -146.68	49.88 2.16 -18.03	25.47 1.72 0.00	21.31 1.43 0.00	20.06 1.50 0.00	20.30 1.57 0.00	19.17 1.59 0.00	22.04 1.62 0.00	28.43 1.98 0.00	40.30 2.89 0.00	87.10 6.26 0.87	46.78 2.79 0.00	32.47 2.10 0.00	26.24 1.95 0.00	22.58 1.65 0.00	22.47 1.69 0.00
HOLTSVILLE_IC_7 23696	19.90 1.56 0.00	21.67 1.77 -0.87	19.18 1.62 -0.93	19.71 1.74 0.00	44.76 1.73 -24.78	21.16 1.78 0.00	22.55 1.99 -0.21	34.01 2.62 0.00	183.45 2.47 -146.68	49.88 2.16 -18.03	25.47 1.72 0.00	21.31 1.43 0.00	20.06 1.50 0.00	20.30 1.57 0.00	19.17 1.59 0.00	22.04 1.62 0.00	28.43 1.98 0.00	40.30 2.89 0.00	87.10 6.26 0.87	46.78 2.79 0.00	32.47 2.10 0.00	26.24 1.95 0.00	22.58 1.65 0.00	22.47 1.69 0.00
HOLTSVILLE_IC_8 23697	19.90 1.56 0.00	21.67 1.77 -0.87	19.18 1.62 -0.93	19.71 1.74 0.00	44.76 1.73 -24.78	21.16 1.78 0.00	22.55 1.99 -0.21	34.01 2.62 0.00	183.45 2.47 -146.68	49.88 2.16 -18.03	25.47 1.72 0.00	21.31 1.43 0.00	20.06 1.50 0.00	20.30 1.57 0.00	19.17 1.59 0.00	22.04 1.62 0.00	28.43 1.98 0.00	40.30 2.89 0.00	87.10 6.26 0.87	46.78 2.79 0.00	32.47 2.10 0.00	26.24 1.95 0.00	22.58 1.65 0.00	22.47 1.69 0.00
HOLTSVILLE_IC_9 23698	19.90 1.56 0.00	21.67 1.77 -0.87	19.18 1.62 -0.93	19.71 1.74 0.00	44.76 1.73 -24.78	21.16 1.78 0.00	22.55 1.99 -0.21	34.01 2.62 0.00	183.45 2.47 -146.68	49.88 2.16 -18.03	25.47 1.72 0.00	21.31 1.43 0.00	20.06 1.50 0.00	20.30 1.57 0.00	19.17 1.59 0.00	22.04 1.62 0.00	28.43 1.98 0.00	40.30 2.89 0.00	87.10 6.26 0.87	46.78 2.79 0.00	32.47 2.10 0.00	26.24 1.95 0.00	22.58 1.65 0.00	22.47 1.69 0.00
HOMER_HL_115KV_TB2 355744	15.75 -0.91 1.68	18.30 -0.90 -0.16	15.85 -0.81 -0.03	17.28 -0.69 0.00	17.50 -0.75 0.00	18.49 -0.89 0.00	19.18 -1.17 0.00	29.23 -2.16 0.00	32.02 -2.29 0.00	28.00 -1.69 0.00	22.61 -1.14 0.00	18.89 -1.00 0.00	17.61 -0.95 0.00	17.91 -0.81 0.00	16.88 -0.70 0.00	19.53 -0.89 0.00	25.12 -1.33 0.00	35.11 -2.29 0.00	77.51 -4.20 0.00	41.25 -2.74 0.00	28.34 -2.03 0.00	22.98 -1.30 0.00	20.07 -0.86 0.00	20.48 -0.29 0.00
HOWARD_WT_PWR 323690	12.53 -1.47 4.34	18.36 -0.88 -0.21	15.57 -1.10 -0.03	16.92 -1.05 0.00	17.56 -0.68 0.00	18.16 -1.22 0.00	19.27 -1.08 0.00	29.57 -1.82 0.00	32.43 -1.88 0.00	28.36 -1.33 0.00	22.53 -1.23 0.00	18.91 -0.98 0.00	17.35 -1.20 0.00	17.57 -1.15 0.00	16.69 -0.89 0.00	19.19 -1.22 0.00	24.65 -1.80 0.00	34.74 -2.66 0.00	76.79 -4.92 0.00	41.12 -2.88 0.00	28.36 -2.01 0.00	23.17 -1.12 0.00	20.48 -0.58 -0.13	20.55 -0.23 0.00
HQ_GEN_CEDARS 23644	18.18 -0.16 0.00	18.79 -0.24 0.00	16.41 -0.22 0.00	17.71 -0.27 0.00	18.01 -0.23 0.00	19.18 -0.19 0.00	20.13 -0.21 0.00	31.60 0.21 0.00	34.75 0.45 0.00	30.06 0.37 0.00	23.78 0.03 0.00	19.90 0.01 0.00	18.59 0.03 0.00	18.71 -0.02 0.00	17.50 -0.08 0.00	20.66 0.25 0.00	26.66 0.21 0.00	37.65 0.24 0.00	82.14 0.43 0.00	44.50 0.51 0.00	30.66 0.29 0.00	24.56 0.28 0.00	21.13 0.20 0.00	20.64 -0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	18.18 -0.16 0.00	18.79 -0.24 0.00	16.41 -0.22 0.00	17.71 -0.27 0.00	18.01 -0.23 0.00	19.19 -0.19 0.00	20.11 -0.21 0.03	31.60 0.21 0.00	40.18 0.44 -5.43	32.34 0.37 -2.28	23.78 0.03 0.00	19.90 0.01 0.00	18.59 0.03 0.00	18.71 -0.02 0.00	17.50 -0.08 0.00	20.66 0.25 0.00	26.66 0.21 0.00	37.65 0.25 0.00	82.14 0.43 0.00	44.50 0.51 0.00	30.66 0.29 0.00	24.56 0.28 0.00	21.34 0.20 -0.21	20.64 -0.13 0.00

HQ_GEN_IMPORT 323601	18.24 -0.11 0.00	18.85 -0.18 0.00	16.47 -0.16 0.00	17.79 -0.18 0.00	18.08 -0.16 0.00	19.24 -0.14 0.00	20.10 -0.15 0.10	31.44 0.05 0.00	34.52 0.21 0.00	29.83 0.14 0.00	23.75 0.00 0.00	19.92 0.00 -0.04	18.43 0.01 0.13	18.72 -0.01 0.00	17.52 -0.06 0.00	20.19 0.10 0.33	26.77 0.18 -0.14	37.53 0.12 0.00	81.79 0.07 0.00	44.29 0.29 0.00	28.00 0.20 2.56	24.43 0.15 0.00	21.03 0.04 -0.06	20.63 -0.15 0.00
HQ_GEN_WHEEL 23651	18.24 -0.11 0.00	18.85 -0.18 0.00	16.47 -0.16 0.00	17.79 -0.18 0.00	18.08 -0.16 0.00	19.24 -0.14 0.00	20.10 -0.15 0.10	31.44 0.05 0.00	34.52 0.21 0.00	29.83 0.14 0.00	23.75 0.00 0.00	19.92 0.00 -0.04	18.43 0.01 0.13	18.72 -0.01 0.00	17.52 -0.06 0.00	20.19 0.10 0.33	26.77 0.18 -0.14	37.53 0.12 0.00	81.79 0.07 0.00	44.29 0.29 0.00	28.00 0.20 2.56	24.43 0.15 0.00	21.03 0.04 -0.06	20.63 -0.15 0.00
HUDSON AVE_GT_3 23810	19.51 1.16 0.00	21.19 1.29 -0.87	17.93 1.15 -0.15	19.18 1.21 0.00	19.41 1.17 0.00	20.59 1.21 0.00	21.71 1.36 0.00	33.13 1.74 0.00	35.96 1.66 0.00	31.26 1.58 0.00	25.13 1.38 0.00	21.09 1.20 0.00	19.78 1.22 0.00	19.97 1.24 0.00	18.81 1.23 0.00	21.56 1.14 0.00	27.76 1.31 0.00	39.35 1.94 0.00	85.98 4.26 0.00	45.87 1.88 0.00	31.85 1.48 0.00	25.50 1.21 0.00	22.03 1.10 0.00	21.98 1.20 0.00
HUDSON AVE_GT_4 23540	19.51 1.16 0.00	21.19 1.29 -0.87	17.93 1.15 -0.15	19.18 1.21 0.00	19.41 1.17 0.00	20.59 1.21 0.00	21.71 1.36 0.00	33.13 1.74 0.00	35.96 1.66 0.00	31.26 1.58 0.00	25.13 1.38 0.00	21.09 1.20 0.00	19.78 1.22 0.00	19.97 1.24 0.00	18.81 1.23 0.00	21.56 1.14 0.00	27.76 1.31 0.00	39.35 1.94 0.00	85.98 4.26 0.00	45.87 1.88 0.00	31.85 1.48 0.00	25.50 1.21 0.00	22.03 1.10 0.00	21.98 1.20 0.00
HUDSON AVE_GT_5 23657	19.51 1.16 0.00	21.19 1.29 -0.87	17.93 1.15 -0.15	19.18 1.21 0.00	19.41 1.17 0.00	20.59 1.21 0.00	21.71 1.36 0.00	33.13 1.74 0.00	35.96 1.66 0.00	31.26 1.58 0.00	25.13 1.38 0.00	21.09 1.20 0.00	19.78 1.22 0.00	19.97 1.24 0.00	18.81 1.23 0.00	21.56 1.14 0.00	27.76 1.31 0.00	39.35 1.94 0.00	85.98 4.26 0.00	45.87 1.88 0.00	31.85 1.48 0.00	25.50 1.21 0.00	22.03 1.10 0.00	21.98 1.20 0.00
HUDSON_AVE_10 24168	19.48 1.14 0.00	21.17 1.27 -0.87	17.91 1.13 -0.15	19.15 1.18 0.00	19.38 1.13 0.00	20.57 1.19 0.00	21.68 1.33 0.00	33.09 1.70 0.00	35.90 1.60 0.00	31.23 1.55 0.00	25.08 1.33 0.00	21.05 1.16 0.00	19.73 1.17 0.00	19.91 1.19 0.00	18.76 1.18 0.00	21.50 1.08 0.00	27.68 1.23 0.00	39.25 1.84 0.00	86.09 4.02 -0.35	45.76 1.76 0.00	31.76 1.39 0.00	25.42 1.14 0.00	21.97 1.04 0.00	21.93 1.15 0.00
HUDSON___115KV_TB 4 355613	19.45 1.10 0.00	21.23 1.17 -1.03	17.84 1.04 -0.17	19.09 1.11 0.00	19.37 1.13 0.00	20.57 1.19 0.00	21.54 1.19 0.00	32.87 1.48 0.00	35.68 1.38 0.00	30.82 1.13 0.00	24.73 0.98 0.00	20.58 0.69 0.00	19.23 0.68 0.00	19.39 0.66 0.00	18.24 0.66 0.00	21.19 0.77 0.00	27.61 1.16 0.00	39.38 1.98 0.00	85.91 4.20 0.00	46.03 2.03 0.00	31.72 1.36 0.00	25.30 1.02 0.00	21.84 0.91 0.00	21.68 0.90 0.00
HUNTER MOUNT___DRP 323613	19.58 1.23 0.00	21.33 1.30 -1.00	17.95 1.15 -0.17	19.21 1.24 0.00	19.50 1.26 0.00	20.71 1.33 0.00	21.70 1.35 0.00	33.13 1.73 0.00	35.93 1.62 0.00	31.03 1.34 0.00	24.87 1.12 0.00	20.65 0.76 0.00	19.31 0.75 0.00	19.43 0.71 0.00	18.28 0.70 0.00	21.30 0.88 0.00	27.85 1.39 0.00	39.75 2.34 0.00	86.71 4.99 0.00	46.45 2.46 0.00	31.97 1.60 0.00	25.48 1.20 0.00	21.98 1.05 0.00	21.80 1.02 0.00
HUNTINGTON_RES_REC 323705	19.73 1.38 0.00	21.46 1.56 -0.87	18.97 1.41 -0.93	19.48 1.51 0.00	44.52 1.50 -24.78	20.89 1.51 0.00	22.25 1.70 -0.21	33.57 2.18 0.00	183.08 2.13 -146.65	49.59 1.87 -18.03	25.27 1.52 0.00	21.17 1.29 0.00	19.90 1.34 0.00	20.13 1.41 0.00	19.00 1.42 0.00	21.84 1.43 0.00	28.12 1.67 0.00	39.84 2.43 0.00	86.05 5.23 0.89	46.29 2.30 0.00	32.14 1.77 0.00	25.96 1.68 0.00	22.36 1.42 0.00	22.25 1.47 0.00
HUNTLEY___63 23557	15.60 -1.69 1.06	17.37 -1.80 -0.14	15.09 -1.57 -0.02	16.45 -1.52 0.00	16.65 -1.59 0.00	17.68 -1.70 0.00	18.50 -1.85 0.00	28.24 -3.15 0.00	30.93 -3.37 0.00	27.11 -2.58 0.00	21.92 -1.83 0.00	18.18 -1.71 0.00	16.75 -1.81 0.00	16.83 -1.89 0.00	15.94 -1.64 0.00	18.39 -2.03 0.00	23.97 -2.48 0.00	33.75 -3.65 0.00	74.67 -7.04 0.00	39.96 -4.04 0.00	27.43 -2.94 0.00	22.05 -2.24 0.00	19.12 -1.81 0.00	19.42 -1.36 0.00
HUNTLEY___64 23558	15.60 -1.69 1.06	17.37 -1.80 -0.14	15.09 -1.57 -0.02	16.45 -1.52 0.00	16.65 -1.59 0.00	17.68 -1.70 0.00	18.50 -1.85 0.00	28.24 -3.15 0.00	30.93 -3.37 0.00	27.11 -2.58 0.00	21.92 -1.83 0.00	18.18 -1.71 0.00	16.75 -1.81 0.00	16.83 -1.89 0.00	15.94 -1.64 0.00	18.39 -2.03 0.00	23.97 -2.48 0.00	33.75 -3.65 0.00	74.67 -7.04 0.00	39.96 -4.04 0.00	27.43 -2.94 0.00	22.05 -2.24 0.00	19.12 -1.81 0.00	19.42 -1.36 0.00
HUNTLEY___65 23559	15.60 -1.69 1.06	17.37 -1.80 -0.14	15.09 -1.57 -0.02	16.45 -1.52 0.00	16.65 -1.59 0.00	17.68 -1.70 0.00	18.50 -1.85 0.00	28.24 -3.15 0.00	30.93 -3.37 0.00	27.11 -2.58 0.00	21.92 -1.83 0.00	18.18 -1.71 0.00	16.75 -1.81 0.00	16.83 -1.89 0.00	15.94 -1.64 0.00	18.39 -2.03 0.00	23.97 -2.48 0.00	33.75 -3.65 0.00	74.67 -7.04 0.00	39.96 -4.04 0.00	27.43 -2.94 0.00	22.05 -2.24 0.00	19.12 -1.81 0.00	19.42 -1.36 0.00
HUNTLEY___66 23560	15.60 -1.69 1.06	17.37 -1.80 -0.14	15.09 -1.57 -0.02	16.45 -1.52 0.00	16.65 -1.59 0.00	17.68 -1.70 0.00	18.50 -1.85 0.00	28.24 -3.15 0.00	30.93 -3.37 0.00	27.11 -2.58 0.00	21.92 -1.83 0.00	18.18 -1.71 0.00	16.75 -1.81 0.00	16.83 -1.89 0.00	15.94 -1.64 0.00	18.39 -2.03 0.00	23.97 -2.48 0.00	33.75 -3.65 0.00	74.67 -7.04 0.00	39.96 -4.04 0.00	27.43 -2.94 0.00	22.05 -2.24 0.00	19.12 -1.81 0.00	19.42 -1.36 0.00
HUNTLEY___67 23561	15.52 -1.74 1.08	17.34 -1.83 -0.14	15.06 -1.59 -0.02	16.42 -1.55 0.00	16.62 -1.62 0.00	17.64 -1.74 0.00	18.47 -1.88 0.00	28.20 -3.19 0.00	30.87 -3.44 0.00	27.05 -2.64 0.00	21.88 -1.87 0.00	18.16 -1.73 0.00	16.73 -1.82 0.00	16.84 -1.88 0.00	15.93 -1.65 0.00	18.38 -2.04 0.00	23.93 -2.52 0.00	33.70 -3.71 0.00	74.52 -7.20 0.00	39.88 -4.12 0.00	27.38 -2.99 0.00	22.01 -2.28 0.00	19.08 -1.85 0.00	19.38 -1.40 0.00
HUNTLEY___68 23562	15.52 -1.74 1.08	17.34 -1.83 -0.14	15.06 -1.59 -0.02	16.42 -1.55 0.00	16.62 -1.62 0.00	17.64 -1.74 0.00	18.47 -1.88 0.00	28.20 -3.19 0.00	30.87 -3.44 0.00	27.05 -2.64 0.00	21.88 -1.87 0.00	18.16 -1.73 0.00	16.73 -1.82 0.00	16.84 -1.88 0.00	15.93 -1.65 0.00	18.38 -2.04 0.00	23.93 -2.52 0.00	33.70 -3.71 0.00	74.52 -7.20 0.00	39.88 -4.12 0.00	27.38 -2.99 0.00	22.01 -2.28 0.00	19.08 -1.85 0.00	19.38 -1.40 0.00

HYLAND___LFGE 323620	14.97 -0.72 2.65	18.82 -0.38 -0.18	16.21 -0.45 -0.03	17.58 -0.39 0.00	17.95 -0.29 0.00	18.95 -0.43 0.00	19.99 -0.36 0.00	30.71 -0.68 0.00	33.62 -0.69 0.00	29.08 -0.61 0.00	23.11 -0.64 0.00	19.56 -0.32 0.00	17.96 -0.60 0.00	18.15 -0.58 0.00	16.95 -0.63 0.00	19.65 -0.77 0.00	25.44 -1.02 0.00	36.56 -0.84 0.00	81.31 -0.40 0.00	43.49 -0.51 0.00	29.92 -0.45 0.00	24.11 -0.18 0.00	20.97 -0.03 -0.07	21.03 0.25 0.00
INDECK___CORINTH 23802	19.27 0.93 0.00	21.16 1.04 -1.09	17.71 0.90 -0.18	18.93 0.96 0.00	19.20 0.96 0.00	20.42 1.04 0.00	21.48 1.13 0.00	32.90 1.51 0.00	35.61 1.31 0.00	30.79 1.10 0.00	24.67 0.92 0.00	20.72 0.83 0.00	19.31 0.76 0.00	19.49 0.76 0.00	18.42 0.83 0.00	21.45 1.03 0.00	27.79 1.33 0.00	39.54 2.13 0.00	86.29 4.57 0.00	46.21 2.21 0.00	31.81 1.44 0.00	25.27 0.99 0.00	21.79 0.86 0.00	21.59 0.81 0.00
INDECK___ILION 23567	18.64 0.30 0.00	19.39 0.36 0.00	16.94 0.31 0.00	18.30 0.32 0.00	18.57 0.33 0.00	19.73 0.35 0.00	20.74 0.39 0.00	31.80 0.41 0.00	34.55 0.25 0.00	29.89 0.19 0.00	24.00 0.24 0.00	20.06 0.17 0.00	18.62 0.07 0.00	18.78 0.06 0.00	17.74 0.16 0.00	20.63 0.21 0.00	26.73 0.28 0.00	37.80 0.40 0.00	82.50 0.78 0.00	44.31 0.31 0.00	30.57 0.20 0.00	24.42 0.14 0.00	21.07 0.14 0.00	20.94 0.16 0.00
INDECK___OLEAN 23982	15.76 -0.91 1.68	18.31 -0.88 -0.16	15.85 -0.81 -0.03	17.27 -0.70 0.00	17.51 -0.73 0.00	18.49 -0.89 0.00	19.18 -1.17 0.00	29.23 -2.16 0.00	32.03 -2.27 0.00	27.99 -1.69 0.00	22.62 -1.14 0.00	18.88 -1.01 0.00	17.61 -0.95 0.00	17.91 -0.81 0.00	16.88 -0.70 0.00	19.53 -0.88 0.00	25.12 -1.33 0.00	35.11 -2.29 0.00	77.51 -4.20 0.00	41.25 -2.75 0.00	28.33 -2.03 0.00	22.99 -1.29 0.00	19.50 -0.87 0.56	20.48 -0.29 0.00
INDECK___OSWEGO 23783	17.65 -0.69 0.00	18.42 -0.70 -0.08	16.04 -0.60 -0.01	17.33 -0.64 0.00	17.59 -0.65 0.00	18.67 -0.70 0.00	19.61 -0.74 0.00	30.15 -1.24 0.00	32.92 -1.39 0.00	28.54 -1.15 0.00	22.90 -0.85 0.00	19.19 -0.69 0.00	17.87 -0.69 0.00	18.02 -0.71 0.00	16.90 -0.68 0.00	19.51 -0.90 0.00	25.26 -1.19 0.00	35.83 -1.58 0.00	78.53 -3.18 0.00	42.18 -1.82 0.00	29.10 -1.27 0.00	23.29 -1.00 0.00	20.13 -0.80 0.00	20.22 -0.56 0.00
INDECK___YERKES 23781	15.62 -1.66 1.06	17.39 -1.78 -0.14	15.10 -1.55 -0.02	16.45 -1.52 0.00	16.69 -1.56 0.00	17.69 -1.69 0.00	18.52 -1.83 0.00	28.27 -3.12 0.00	30.97 -3.33 0.00	27.13 -2.56 0.00	21.95 -1.81 0.00	18.18 -1.70 0.00	16.77 -1.79 0.00	16.85 -1.87 0.00	15.95 -1.63 0.00	18.41 -2.01 0.00	23.99 -2.46 0.00	33.77 -3.63 0.00	74.73 -6.98 0.00	39.98 -4.02 0.00	27.46 -2.91 0.00	22.08 -2.20 0.00	18.72 -1.79 0.42	19.44 -1.34 0.00
INDIAN POINT_GT_1 24139	19.33 0.99 0.00	20.97 1.08 -0.86	17.73 0.95 -0.14	18.98 1.01 0.00	19.22 0.98 0.00	20.39 1.01 0.00	21.47 1.12 0.00	32.80 1.41 0.00	35.68 1.37 0.00	30.94 1.25 0.00	24.88 1.13 0.00	20.84 0.95 0.00	19.51 0.96 0.00	19.70 0.98 0.00	18.58 0.99 0.00	21.36 0.94 0.00	27.56 1.11 0.00	39.11 1.70 0.00	85.51 3.79 0.00	45.65 1.66 0.00	31.61 1.24 0.00	25.33 1.05 0.00	21.89 0.96 0.00	21.82 1.04 0.00
INDIAN POINT_GT_2 23659	19.33 0.99 0.00	20.97 1.08 -0.86	17.73 0.95 -0.14	18.98 1.01 0.00	19.22 0.98 0.00	20.39 1.01 0.00	21.47 1.12 0.00	32.80 1.41 0.00	35.68 1.37 0.00	30.94 1.25 0.00	24.88 1.13 0.00	20.84 0.95 0.00	19.51 0.96 0.00	19.70 0.98 0.00	18.58 0.99 0.00	21.36 0.94 0.00	27.56 1.11 0.00	39.11 1.70 0.00	85.51 3.79 0.00	45.65 1.66 0.00	31.61 1.24 0.00	25.33 1.05 0.00	21.89 0.96 0.00	21.82 1.04 0.00
INDIAN POINT_GT_3 24019	19.33 0.99 0.00	20.97 1.08 -0.86	17.73 0.95 -0.14	18.98 1.01 0.00	19.22 0.98 0.00	20.39 1.01 0.00	21.47 1.12 0.00	32.80 1.41 0.00	35.68 1.37 0.00	30.94 1.25 0.00	24.88 1.13 0.00	20.84 0.95 0.00	19.51 0.96 0.00	19.70 0.98 0.00	18.58 0.99 0.00	21.36 0.94 0.00	27.56 1.11 0.00	39.11 1.70 0.00	85.51 3.79 0.00	45.65 1.66 0.00	31.61 1.24 0.00	25.33 1.05 0.00	21.89 0.96 0.00	21.82 1.04 0.00
INDIAN POINT___2 23530	19.25 0.91 0.00	20.87 1.00 -0.84	17.66 0.88 -0.14	18.91 0.94 0.00	19.15 0.91 0.00	20.32 0.94 0.00	21.40 1.05 0.00	32.70 1.31 0.00	35.58 1.28 0.00	30.85 1.16 0.00	24.83 1.07 0.00	20.78 0.90 0.00	19.44 0.89 0.00	19.64 0.91 0.00	18.51 0.93 0.00	21.28 0.87 0.00	27.48 1.03 0.00	38.99 1.58 0.00	85.27 3.56 0.00	45.53 1.53 0.00	31.52 1.15 0.00	25.26 0.97 0.00	21.83 0.90 0.00	21.76 0.98 0.00
INDIAN POINT___3 23531	19.39 1.05 0.00	21.06 1.15 -0.87	17.79 1.02 -0.15	19.05 1.08 0.00	19.28 1.04 0.00	20.45 1.07 0.00	21.54 1.19 0.00	32.90 1.51 0.00	35.75 1.46 0.00	31.02 1.33 0.00	24.93 1.18 0.00	20.89 1.00 0.00	19.57 1.01 0.00	19.77 1.04 0.00	18.64 1.06 0.00	21.42 1.01 0.00	27.63 1.18 0.00	39.21 1.80 0.00	85.68 3.96 0.00	45.76 1.76 0.00	31.70 1.33 0.00	25.39 1.11 0.00	21.94 1.01 0.00	21.86 1.08 0.00
INGHAM_C_115KV_TB7 356103	18.79 0.45 0.00	19.60 0.57 0.00	17.11 0.48 0.00	18.48 0.50 0.00	18.77 0.53 0.00	19.93 0.55 0.00	20.99 0.64 0.00	32.01 0.61 0.00	34.54 0.23 0.00	29.83 0.14 0.00	24.02 0.27 0.00	20.06 0.18 0.00	18.50 -0.05 0.00	18.64 -0.09 0.00	17.72 0.13 0.00	20.68 0.26 0.00	26.80 0.35 0.00	37.86 0.46 0.00	82.43 0.71 0.00	44.19 0.20 0.00	30.47 0.10 0.00	24.32 0.04 0.00	21.00 0.07 0.00	20.86 0.08 0.00
IP CORINTH___1 23988	19.27 0.93 0.00	21.16 1.04 -1.09	17.71 0.90 -0.18	18.93 0.96 0.00	19.21 0.96 0.00	20.42 1.04 0.00	21.48 1.13 0.00	32.90 1.51 0.00	35.61 1.31 0.00	30.79 1.10 0.00	24.67 0.92 0.00	20.72 0.83 0.00	19.31 0.76 0.00	19.49 0.76 0.00	18.42 0.83 0.00	21.45 1.03 0.00	27.79 1.34 0.00	39.54 2.13 0.00	86.29 4.58 0.00	46.21 2.21 0.00	31.81 1.44 0.00	25.27 0.99 0.00	21.79 0.86 0.00	21.59 0.81 0.00
IP___TICONDEROGA 23804	19.90 1.55 0.00	21.89 1.77 -1.09	18.35 1.53 -0.18	19.61 1.64 0.00	19.88 1.64 0.00	21.16 1.78 0.00	22.31 1.96 0.00	34.09 2.70 0.00	36.53 2.23 0.00	31.50 1.81 0.00	25.27 1.52 0.00	21.29 1.40 0.00	19.96 1.40 0.00	20.28 1.56 0.00	19.08 1.50 0.00	22.32 1.90 0.00	28.91 2.46 0.00	41.30 3.90 0.00	89.97 8.25 0.00	48.14 4.15 0.00	32.99 2.62 0.00	25.98 1.69 0.00	22.38 1.45 0.00	22.05 1.28 0.00
ISLIP_RES_REC 323679	19.97 1.62 0.00	21.74 1.84 -0.87	19.24 1.68 -0.93	19.77 1.80 0.00	44.85 1.83 -24.78	21.27 1.89 0.00	22.67 2.11 -0.21	34.20 2.81 0.00	183.44 2.67 -146.47	50.04 2.32 -18.03	25.61 1.86 0.00	21.42 1.54 0.00	20.17 1.61 0.00	20.41 1.69 0.00	19.27 1.69 0.00	22.14 1.73 0.00	28.54 2.09 0.00	40.49 3.08 0.00	87.53 6.68 0.87	47.00 3.01 0.00	32.61 2.24 0.00	26.35 2.06 0.00	22.67 1.74 0.00	22.55 1.77 0.00

JAMAICA__27_KV_LOAD 355505	19.67 1.33 0.00	21.40 1.50 -0.87	18.11 1.34 -0.15	19.34 1.37 0.00	19.55 1.30 0.00	20.79 1.41 0.00	21.86 1.51 0.00	33.38 1.99 0.00	36.21 1.91 0.00	31.55 1.87 0.00	25.28 1.53 0.00	21.22 1.33 0.00	19.86 1.30 0.00	20.06 1.33 0.00	18.92 1.34 0.00	21.66 1.24 0.00	27.88 1.42 0.00	39.55 2.15 0.00	86.73 4.58 -0.43	46.11 2.11 0.00	32.00 1.63 0.00	25.58 1.30 0.00	22.12 1.19 0.00	22.11 1.33 0.00
JANIS__SOLAR 323808	21.88 0.18 -3.35	19.66 0.37 -0.25	16.97 0.30 -0.04	18.38 0.41 0.00	18.67 0.43 0.00	19.84 0.46 0.00	20.83 0.48 0.00	32.09 0.70 0.00	35.08 0.78 0.00	30.49 0.81 0.00	24.26 0.51 0.00	20.24 0.35 0.00	18.84 0.28 0.00	19.08 0.35 0.00	18.00 0.42 0.00	20.85 0.43 0.00	27.23 0.77 0.00	38.51 1.10 0.00	84.57 2.86 0.00	45.16 1.17 0.00	31.05 0.68 0.00	24.90 0.61 0.00	21.63 0.59 -0.11	21.58 0.81 0.00
JARVIS____ 23743	18.47 0.13 0.00	19.19 0.15 0.00	16.76 0.13 0.00	18.12 0.14 0.00	18.39 0.15 0.00	19.52 0.14 0.00	20.51 0.16 0.00	31.54 0.15 0.00	34.41 0.10 0.00	29.78 0.09 0.00	23.85 0.10 0.00	19.97 0.09 0.00	18.63 0.07 0.00	18.80 0.08 0.00	17.68 0.10 0.00	20.48 0.06 0.00	26.53 0.08 0.00	37.56 0.15 0.00	82.11 0.40 0.00	44.13 0.14 0.00	30.48 0.11 0.00	24.36 0.08 0.00	21.02 0.08 0.00	20.90 0.12 0.00
JENNISON____1 23625	19.35 0.13 -0.87	19.89 0.55 -0.31	17.19 0.51 -0.05	18.62 0.65 0.00	18.91 0.67 0.00	20.09 0.71 0.00	20.82 0.47 0.00	32.00 0.61 0.00	35.04 0.73 0.00	30.64 0.95 0.00	24.55 0.80 0.00	20.45 0.57 0.00	18.94 0.38 0.00	19.15 0.43 0.00	17.99 0.41 0.00	20.74 0.32 0.00	27.39 0.94 0.00	38.60 1.19 0.00	84.80 3.09 0.00	45.31 1.32 0.00	31.02 0.65 0.00	24.88 0.60 0.00	21.56 0.63 0.00	21.71 0.93 0.00
JENNISON____2 23626	19.35 0.13 -0.87	19.89 0.55 -0.31	17.19 0.51 -0.05	18.62 0.65 0.00	18.91 0.67 0.00	20.09 0.71 0.00	20.82 0.47 0.00	32.00 0.61 0.00	35.04 0.73 0.00	30.64 0.95 0.00	24.55 0.80 0.00	20.45 0.57 0.00	18.94 0.38 0.00	19.15 0.43 0.00	17.99 0.41 0.00	20.74 0.32 0.00	27.39 0.94 0.00	38.60 1.19 0.00	84.80 3.09 0.00	45.31 1.32 0.00	31.02 0.65 0.00	24.88 0.60 0.00	21.56 0.63 0.00	21.71 0.93 0.00
JERICOHO_RISE_WT_PWR 323719	17.75 -0.59 0.00	18.46 -0.57 0.00	16.06 -0.57 0.00	17.20 -0.78 0.00	17.57 -0.67 0.00	18.89 -0.49 0.00	19.91 -0.44 0.00	31.09 -0.30 0.00	34.34 0.04 0.00	30.02 0.33 0.00	23.93 0.18 0.00	19.97 0.08 0.00	18.65 0.09 0.00	18.74 0.01 0.00	17.63 0.05 0.00	21.05 0.63 0.00	27.40 0.94 0.00	38.73 1.32 0.00	84.29 2.58 0.00	45.22 1.23 0.00	30.74 0.37 0.00	24.35 0.06 0.00	20.80 -0.13 0.00	20.38 -0.40 0.00
KATONAH__115KV_46KV_TB4 355592	19.48 1.14 0.00	21.16 1.24 -0.88	17.88 1.10 -0.15	19.14 1.17 0.00	19.38 1.14 0.00	20.56 1.18 0.00	21.66 1.31 0.00	33.09 1.70 0.00	35.99 1.68 0.00	31.22 1.53 0.00	25.08 1.33 0.00	21.01 1.13 0.00	19.68 1.12 0.00	19.87 1.15 0.00	18.73 1.15 0.00	21.54 1.12 0.00	27.78 1.33 0.00	39.45 2.05 0.00	86.23 4.52 0.00	46.04 2.05 0.00	31.88 1.51 0.00	25.53 1.24 0.00	22.05 1.12 0.00	21.96 1.18 0.00
KCE_NY_1 323755	19.32 0.97 0.00	21.21 1.09 -1.09	17.76 0.95 -0.18	18.99 1.01 0.00	19.27 1.03 0.00	20.45 1.07 0.00	21.50 1.15 0.00	32.92 1.53 0.00	35.71 1.41 0.00	30.86 1.17 0.00	24.73 0.98 0.00	20.75 0.87 0.00	19.30 0.75 0.00	19.49 0.76 0.00	18.43 0.85 0.00	21.41 0.99 0.00	27.72 1.27 0.00	39.38 1.97 0.00	86.16 4.44 0.00	46.11 2.12 0.00	31.77 1.41 0.00	25.30 1.01 0.00	21.83 0.90 0.00	21.67 0.89 0.00
KCE_NY_6_ESR 323823	15.64 -1.55 1.16	17.55 -1.62 -0.14	15.24 -1.41 -0.02	16.60 -1.38 0.00	16.83 -1.42 0.00	17.85 -1.53 0.00	18.71 -1.64 0.00	28.58 -2.81 0.00	31.30 -3.00 0.00	27.42 -2.27 0.00	22.21 -1.54 0.00	18.41 -1.48 0.00	16.96 -1.59 0.00	17.06 -1.67 0.00	16.12 -1.47 0.00	18.61 -1.81 0.00	24.22 -2.23 0.00	34.11 -3.29 0.00	75.61 -6.10 0.00	40.44 -3.56 0.00	27.80 -2.57 0.00	22.37 -1.91 0.00	18.91 -1.54 0.47	19.71 -1.08 0.00
KEDC_PORT_JEFF_GT2 24210	19.88 1.53 0.00	21.65 1.75 -0.87	19.16 1.60 -0.93	19.68 1.71 0.00	44.73 1.70 -24.78	21.12 1.74 0.00	22.51 1.95 -0.21	33.96 2.56 0.00	183.52 2.42 -146.79	49.83 2.12 -18.03	25.45 1.70 0.00	21.29 1.40 0.00	20.03 1.48 0.00	20.28 1.55 0.00	19.14 1.56 0.00	22.00 1.59 0.00	28.40 1.94 0.00	40.24 2.84 0.00	86.98 6.13 0.87	46.70 2.71 0.00	32.43 2.06 0.00	26.20 1.92 0.00	22.55 1.62 0.00	22.44 1.66 0.00
KEDC_PORT_JEFF_GT3 24211	19.88 1.53 0.00	21.65 1.75 -0.87	19.16 1.60 -0.93	19.68 1.71 0.00	44.73 1.70 -24.78	21.12 1.74 0.00	22.51 1.95 -0.21	33.96 2.56 0.00	183.52 2.42 -146.79	49.83 2.12 -18.03	25.45 1.70 0.00	21.29 1.40 0.00	20.03 1.48 0.00	20.28 1.55 0.00	19.14 1.56 0.00	22.00 1.59 0.00	28.40 1.94 0.00	40.24 2.84 0.00	86.98 6.13 0.87	46.70 2.71 0.00	32.43 2.06 0.00	26.20 1.92 0.00	22.55 1.62 0.00	22.44 1.66 0.00
KEDC_GLWD_GT4 24219	19.72 1.38 0.00	21.44 1.53 -0.87	18.93 1.37 -0.93	19.43 1.46 0.00	44.47 1.44 -24.78	20.84 1.46 0.00	22.20 1.65 -0.21	33.54 2.15 0.00	169.54 2.23 -133.01	49.72 2.00 -18.03	25.35 1.60 0.00	21.25 1.36 0.00	19.94 1.39 0.00	20.15 1.43 0.00	19.01 1.43 0.00	21.85 1.44 0.00	28.15 1.70 0.00	39.87 2.47 0.00	86.44 5.17 0.44	46.34 2.35 0.00	32.19 1.82 0.00	25.91 1.63 0.00	22.35 1.42 0.00	22.24 1.46 0.00
KEDC_GLWD_GT5 24220	19.72 1.38 0.00	21.44 1.53 -0.87	18.93 1.37 -0.93	19.43 1.46 0.00	44.47 1.44 -24.78	20.84 1.46 0.00	22.20 1.65 -0.21	33.54 2.15 0.00	169.54 2.23 -133.01	49.72 2.00 -18.03	25.35 1.60 0.00	21.25 1.36 0.00	19.94 1.39 0.00	20.15 1.43 0.00	19.01 1.43 0.00	21.85 1.44 0.00	28.15 1.70 0.00	39.87 2.47 0.00	86.44 5.17 0.44	46.34 2.35 0.00	32.19 1.82 0.00	25.91 1.63 0.00	22.35 1.42 0.00	22.24 1.46 0.00
KENSICO____ 23655	19.40 1.06 0.00	21.07 1.16 -0.87	17.80 1.03 -0.15	19.06 1.08 0.00	19.30 1.06 0.00	20.47 1.09 0.00	21.55 1.21 0.00	32.92 1.52 0.00	35.78 1.48 0.00	31.04 1.35 0.00	24.95 1.20 0.00	20.91 1.02 0.00	19.59 1.03 0.00	19.79 1.07 0.00	18.66 1.08 0.00	21.44 1.02 0.00	27.65 1.20 0.00	39.23 1.83 0.00	85.74 4.03 0.00	45.78 1.79 0.00	31.72 1.35 0.00	25.41 1.13 0.00	21.96 1.03 0.00	21.88 1.10 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.36 1.02 0.00	20.95 1.11 -0.81	17.73 0.97 -0.14	19.01 1.04 0.00	19.26 1.02 0.00	20.43 1.05 0.00	21.54 1.19 0.00	32.99 1.59 0.00	35.92 1.62 0.00	31.08 1.39 0.00	24.88 1.13 0.00	20.87 0.99 0.00	19.55 0.99 0.00	19.68 0.96 0.00	18.56 0.98 0.00	21.39 0.97 0.00	27.72 1.27 0.00	39.42 2.01 0.00	86.21 4.49 0.00	46.03 2.03 0.00	31.84 1.47 0.00	25.49 1.21 0.00	22.01 1.07 0.00	21.91 1.13 0.00

KIAC_JFK_GT1 23816	19.61 1.26 0.00	21.33 1.43 -0.87	18.06 1.28 -0.15	19.28 1.31 0.00	19.49 1.25 0.00	20.73 1.35 0.00	21.79 1.45 0.00	33.28 1.89 0.00	36.09 1.79 0.00	31.46 1.77 0.00	25.20 1.45 0.00	21.15 1.27 0.00	19.79 1.24 0.00	19.99 1.27 0.00	18.85 1.27 0.00	21.58 1.17 0.00	27.78 1.33 0.00	39.41 2.00 0.00	86.40 4.26 -0.43	45.93 1.94 0.00	31.88 1.51 0.00	25.49 1.21 0.00	22.05 1.11 0.00	22.04 1.26 0.00
KIAC_JFK_GT2 23817	19.61 1.26 0.00	21.33 1.43 -0.87	18.06 1.28 -0.15	19.28 1.31 0.00	19.49 1.25 0.00	20.73 1.35 0.00	21.79 1.45 0.00	33.28 1.89 0.00	36.09 1.79 0.00	31.46 1.77 0.00	25.20 1.45 0.00	21.15 1.27 0.00	19.79 1.24 0.00	19.99 1.27 0.00	18.85 1.27 0.00	21.58 1.17 0.00	27.78 1.33 0.00	39.41 2.00 0.00	86.40 4.26 -0.43	45.93 1.94 0.00	31.88 1.51 0.00	25.49 1.21 0.00	22.05 1.11 0.00	22.04 1.26 0.00
KIAC_JFK____ 323774	19.60 1.26 0.00	21.33 1.42 -0.87	18.06 1.28 -0.15	19.28 1.31 0.00	19.49 1.25 0.00	20.73 1.35 0.00	21.79 1.45 0.00	33.29 1.89 0.00	36.09 1.79 0.00	31.46 1.77 0.00	25.20 1.45 0.00	21.15 1.27 0.00	19.79 1.24 0.00	19.99 1.27 0.00	18.85 1.27 0.00	21.58 1.17 0.00	27.78 1.33 0.00	39.41 2.00 0.00	86.46 4.31 -0.43	45.93 1.94 0.00	31.88 1.51 0.00	25.49 1.20 0.00	22.04 1.11 0.00	22.04 1.26 0.00
KINTIGH____ 23543	15.84 -1.63 0.88	17.46 -1.70 -0.12	15.17 -1.48 -0.02	16.52 -1.45 0.00	16.72 -1.52 0.00	17.74 -1.64 0.00	18.55 -1.80 0.00	28.38 -3.02 0.00	31.04 -3.26 0.00	27.15 -2.54 0.00	21.93 -1.82 0.00	18.23 -1.65 0.00	16.86 -1.70 0.00	16.98 -1.74 0.00	16.05 -1.53 0.00	18.54 -1.88 0.00	24.09 -2.36 0.00	33.96 -3.45 0.00	74.91 -6.80 0.00	40.07 -3.93 0.00	27.51 -2.86 0.00	22.09 -2.19 0.00	19.14 -1.79 0.00	19.40 -1.38 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.03 -0.32 0.00	18.72 -0.31 0.00	16.30 -0.33 0.00	17.45 -0.52 0.00	17.82 -0.42 0.00	19.13 -0.24 0.00	20.21 -0.14 0.00	31.51 0.12 0.00	34.79 0.49 0.00	30.47 0.78 0.00	24.31 0.56 0.00	20.31 0.42 0.00	18.96 0.40 0.00	19.08 0.35 0.00	17.94 0.36 0.00	21.36 0.94 0.00	27.81 1.36 0.00	39.43 2.03 0.00	85.91 4.20 0.00	46.00 2.01 0.00	31.24 0.87 0.00	24.70 0.41 0.00	21.09 0.16 0.00	20.69 -0.09 0.00
LACHUTE____HYDRO 323717	19.90 1.55 0.00	21.89 1.77 -1.09	18.35 1.53 -0.18	19.61 1.64 0.00	19.88 1.64 0.00	21.16 1.78 0.00	22.31 1.96 0.00	34.09 2.70 0.00	36.53 2.23 0.00	31.50 1.81 0.00	25.27 1.52 0.00	21.29 1.40 0.00	19.96 1.40 0.00	20.28 1.56 0.00	19.08 1.50 0.00	22.32 1.90 0.00	28.91 2.46 0.00	41.30 3.90 0.00	89.97 8.26 0.00	48.15 4.15 0.00	32.99 2.62 0.00	25.98 1.69 0.00	22.38 1.45 0.00	22.06 1.28 0.00
LAWRNCV_115KV_TB1 80681	17.92 -0.43 0.00	18.50 -0.53 0.00	16.16 -0.47 0.00	17.41 -0.56 0.00	17.68 -0.56 0.00	18.81 -0.57 0.00	19.75 -0.60 0.00	31.02 -0.37 0.00	34.14 -0.16 0.00	29.56 -0.12 0.00	23.47 -0.28 0.00	19.63 -0.25 0.00	18.33 -0.23 0.00	18.42 -0.30 0.00	17.21 -0.37 0.00	20.35 -0.07 0.00	26.24 -0.21 0.00	37.17 -0.24 0.00	81.22 -0.49 0.00	44.00 0.00 0.00	30.28 -0.09 0.00	24.22 -0.06 0.00	20.86 -0.07 0.00	20.42 -0.36 0.00
LEDERLE____ 23769	19.39 1.04 0.00	21.01 1.14 -0.84	17.77 1.00 -0.14	19.04 1.07 0.00	19.29 1.05 0.00	20.46 1.08 0.00	21.56 1.21 0.00	32.95 1.55 0.00	35.85 1.55 0.00	31.09 1.39 0.00	25.01 1.26 0.00	20.94 1.06 0.00	19.60 1.04 0.00	19.79 1.06 0.00	18.66 1.07 0.00	21.46 1.04 0.00	27.70 1.24 0.00	39.31 1.91 0.00	86.01 4.30 0.00	45.92 1.93 0.00	31.78 1.41 0.00	25.47 1.19 0.00	22.00 1.07 0.00	21.93 1.15 0.00
LIGHTHSE_115KV_TB6 355974	17.56 -0.78 0.00	18.29 -0.82 -0.08	15.94 -0.71 -0.01	17.21 -0.76 0.00	17.46 -0.78 0.00	18.56 -0.81 0.00	19.48 -0.87 0.00	30.00 -1.39 0.00	32.81 -1.49 0.00	28.49 -1.20 0.00	22.86 -0.90 0.00	19.21 -0.68 0.00	17.85 -0.71 0.00	17.93 -0.80 0.00	16.77 -0.81 0.00	19.35 -1.07 0.00	25.10 -1.35 0.00	35.83 -1.57 0.00	78.98 -2.73 0.00	42.49 -1.51 0.00	29.35 -1.02 0.00	23.47 -0.81 0.00	20.22 -0.71 0.00	20.32 -0.46 0.00
LINDEN COGEN____ 23786	19.41 1.07 0.00	21.10 1.20 -0.87	17.86 1.08 -0.15	19.09 1.12 0.00	19.32 1.08 0.00	20.49 1.11 0.00	21.61 1.26 0.00	32.98 1.58 0.00	35.77 1.47 0.00	31.11 1.42 0.00	25.00 1.25 0.00	20.99 1.11 0.00	19.69 1.13 0.00	19.87 1.15 0.00	18.71 1.13 0.00	21.44 1.02 0.00	27.62 1.17 0.00	39.16 1.75 0.00	85.56 3.85 0.00	45.61 1.62 0.00	31.66 1.29 0.00	25.35 1.06 0.00	21.90 0.96 0.00	21.85 1.07 0.00
LINDHRST_69_KV_BK1 356055	19.88 1.53 0.00	21.60 1.70 -0.87	19.09 1.53 -0.93	19.61 1.63 0.00	44.66 1.63 -24.78	21.03 1.65 0.00	22.42 1.86 -0.21	33.83 2.44 0.00	177.74 2.36 -141.08	49.79 2.08 -18.03	25.45 1.70 0.00	21.33 1.44 0.00	20.05 1.49 0.00	20.28 1.56 0.00	19.13 1.55 0.00	22.00 1.58 0.00	28.36 1.91 0.00	40.17 2.76 0.00	86.77 5.86 0.80	46.65 2.66 0.00	32.41 2.04 0.00	26.13 1.84 0.00	22.52 1.59 0.00	22.41 1.63 0.00
LIPA_MISC_IPP 23656	19.86 1.51 0.00	21.64 1.74 -0.87	19.17 1.61 -0.93	19.70 1.73 0.00	44.74 1.71 -24.78	21.13 1.75 0.00	22.51 1.95 -0.21	33.95 2.56 0.00	183.62 2.36 -146.95	49.79 2.08 -18.03	25.40 1.65 0.00	21.21 1.33 0.00	19.97 1.41 0.00	20.21 1.49 0.00	19.10 1.51 0.00	21.95 1.54 0.00	28.38 1.92 0.00	40.20 2.79 0.00	86.85 6.01 0.87	46.61 2.62 0.00	32.36 1.99 0.00	26.18 1.89 0.00	22.54 1.61 0.00	22.42 1.64 0.00
LISF__SOLAR 323691	19.88 1.54 0.00	21.67 1.77 -0.87	19.20 1.64 -0.93	19.74 1.77 0.00	44.77 1.74 -24.78	21.17 1.79 0.00	22.55 2.00 -0.21	34.02 2.62 0.00	183.61 2.42 -146.89	49.84 2.12 -18.03	25.42 1.67 0.00	21.24 1.35 0.00	20.00 1.44 0.00	20.24 1.52 0.00	19.12 1.54 0.00	21.98 1.57 0.00	28.43 1.98 0.00	40.29 2.88 0.00	87.08 6.23 0.87	46.73 2.73 0.00	32.42 2.05 0.00	26.22 1.94 0.00	22.58 1.65 0.00	22.46 1.68 0.00
LITTLE FALLS____HYD 24013	18.79 0.45 0.00	19.60 0.57 0.00	17.11 0.48 0.00	18.48 0.50 0.00	18.77 0.53 0.00	19.93 0.55 0.00	20.99 0.64 0.00	32.01 0.61 0.00	34.54 0.23 0.00	29.83 0.14 0.00	24.02 0.27 0.00	20.06 0.18 0.00	18.50 -0.05 0.00	18.64 -0.09 0.00	17.72 0.13 0.00	20.68 0.26 0.00	26.80 0.35 0.00	37.86 0.46 0.00	82.43 0.71 0.00	44.19 0.20 0.00	30.47 0.10 0.00	24.32 0.04 0.00	21.00 0.07 0.00	20.86 0.08 0.00
LITTLRIV_115KV_TB1 356100	18.17 -0.17 0.00	18.76 -0.27 0.00	16.37 -0.26 0.00	17.63 -0.34 0.00	17.91 -0.33 0.00	19.06 -0.32 0.00	20.01 -0.34 0.00	31.44 0.05 0.00	34.64 0.33 0.00	29.99 0.30 0.00	23.80 0.04 0.00	19.86 -0.03 0.00	18.51 -0.04 0.00	18.62 -0.10 0.00	17.38 -0.20 0.00	20.56 0.14 0.00	26.57 0.12 0.00	37.75 0.34 0.00	82.56 0.84 0.00	44.72 0.73 0.00	30.77 0.40 0.00	24.59 0.30 0.00	21.14 0.21 0.00	20.68 -0.11 0.00

LI_NEWBRDGE___DRP 323616	19.58 1.24 0.00	21.29 1.39 -0.87	18.82 1.26 -0.93	19.31 1.34 0.00	44.35 1.32 -24.78	20.70 1.32 0.00	22.05 1.49 -0.21	33.29 1.90 0.00	186.27 1.98 -149.99	49.49 1.78 -18.03	25.13 1.38 0.00	21.05 1.17 0.00	19.77 1.21 0.00	19.99 1.26 0.00	18.85 1.27 0.00	21.67 1.25 0.00	27.91 1.46 0.00	39.52 2.12 0.00	85.10 4.43 1.04	45.95 1.95 0.00	31.91 1.54 0.00	25.70 1.42 0.00	22.17 1.24 0.00	22.07 1.29 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.56 -1.78 1.00	17.29 -1.87 -0.13	15.03 -1.62 -0.02	16.39 -1.59 0.00	16.58 -1.66 0.00	17.61 -1.77 0.00	18.40 -1.95 0.00	28.06 -3.34 0.00	30.71 -3.59 0.00	26.92 -2.77 0.00	21.77 -1.98 0.00	18.04 -1.85 0.00	16.63 -1.92 0.00	16.70 -2.03 0.00	15.83 -1.76 0.00	18.25 -2.17 0.00	23.81 -2.64 0.00	33.55 -3.86 0.00	74.19 -7.52 0.00	39.70 -4.30 0.00	27.24 -3.13 0.00	21.89 -2.40 0.00	18.99 -1.95 0.00	19.28 -1.50 0.00
LOCKPORT___CC1 323769	15.55 -1.79 1.01	17.29 -1.88 -0.13	15.01 -1.64 -0.02	16.36 -1.61 0.00	16.59 -1.66 0.00	17.59 -1.79 0.00	18.39 -1.96 0.00	28.05 -3.34 0.00	30.70 -3.60 0.00	26.91 -2.78 0.00	21.76 -1.99 0.00	18.02 -1.86 0.00	16.63 -1.93 0.00	16.70 -2.03 0.00	15.81 -1.77 0.00	18.25 -2.16 0.00	23.79 -2.66 0.00	33.52 -3.89 0.00	74.12 -7.59 0.00	39.66 -4.34 0.00	27.23 -3.14 0.00	21.89 -2.39 0.00	18.59 -1.96 0.38	19.27 -1.51 0.00
LOCKPORT___CC2 323770	15.55 -1.79 1.01	17.29 -1.88 -0.13	15.01 -1.64 -0.02	16.36 -1.61 0.00	16.59 -1.66 0.00	17.59 -1.79 0.00	18.39 -1.96 0.00	28.05 -3.34 0.00	30.70 -3.60 0.00	26.91 -2.78 0.00	21.76 -1.99 0.00	18.02 -1.86 0.00	16.63 -1.93 0.00	16.70 -2.03 0.00	15.81 -1.77 0.00	18.25 -2.16 0.00	23.79 -2.66 0.00	33.52 -3.89 0.00	74.12 -7.59 0.00	39.66 -4.34 0.00	27.23 -3.14 0.00	21.89 -2.39 0.00	18.59 -1.96 0.38	19.27 -1.51 0.00
LOCKPORT___CC3 323771	15.55 -1.79 1.01	17.29 -1.88 -0.13	15.01 -1.64 -0.02	16.36 -1.61 0.00	16.59 -1.66 0.00	17.59 -1.79 0.00	18.39 -1.96 0.00	28.05 -3.34 0.00	30.70 -3.60 0.00	26.91 -2.78 0.00	21.76 -1.99 0.00	18.02 -1.86 0.00	16.63 -1.93 0.00	16.70 -2.03 0.00	15.81 -1.77 0.00	18.25 -2.16 0.00	23.79 -2.66 0.00	33.52 -3.89 0.00	74.12 -7.59 0.00	39.66 -4.34 0.00	27.23 -3.14 0.00	21.89 -2.39 0.00	18.59 -1.96 0.38	19.27 -1.51 0.00
LONG_LAKE_PHOENIX 24014	17.71 -0.63 0.00	18.49 -0.63 -0.08	16.09 -0.56 -0.01	17.40 -0.57 0.00	17.65 -0.59 0.00	18.74 -0.64 0.00	19.69 -0.66 0.00	30.26 -1.13 0.00	33.04 -1.26 0.00	28.63 -1.05 0.00	22.98 -0.77 0.00	19.25 -0.63 0.00	17.93 -0.62 0.00	18.10 -0.63 0.00	16.98 -0.60 0.00	19.59 -0.82 0.00	25.39 -1.06 0.00	35.99 -1.42 0.00	78.85 -2.86 0.00	42.32 -1.67 0.00	29.19 -1.18 0.00	23.35 -0.93 0.00	20.20 -0.73 0.00	20.28 -0.50 0.00
LOVETT___3 23632	19.41 1.07 0.00	21.05 1.17 -0.85	17.81 1.03 -0.14	19.07 1.10 0.00	19.32 1.08 0.00	20.49 1.11 0.00	21.58 1.23 0.00	32.97 1.58 0.00	35.85 1.55 0.00	31.10 1.41 0.00	25.00 1.25 0.00	20.95 1.06 0.00	19.62 1.06 0.00	19.82 1.09 0.00	18.68 1.10 0.00	21.48 1.06 0.00	27.70 1.25 0.00	39.30 1.90 0.00	85.92 4.20 0.00	45.88 1.89 0.00	31.77 1.40 0.00	25.46 1.18 0.00	22.00 1.07 0.00	21.92 1.14 0.00
LOVETT___4 23642	19.41 1.07 0.00	21.05 1.17 -0.85	17.81 1.03 -0.14	19.07 1.10 0.00	19.32 1.08 0.00	20.49 1.11 0.00	21.58 1.23 0.00	32.97 1.58 0.00	35.85 1.55 0.00	31.10 1.41 0.00	25.00 1.25 0.00	20.95 1.06 0.00	19.62 1.06 0.00	19.82 1.09 0.00	18.68 1.10 0.00	21.48 1.06 0.00	27.70 1.25 0.00	39.30 1.90 0.00	85.92 4.20 0.00	45.88 1.89 0.00	31.77 1.40 0.00	25.46 1.18 0.00	22.00 1.07 0.00	21.92 1.14 0.00
LOVETT___5 23593	19.41 1.07 0.00	21.05 1.17 -0.85	17.81 1.03 -0.14	19.07 1.10 0.00	19.32 1.08 0.00	20.49 1.11 0.00	21.58 1.23 0.00	32.97 1.58 0.00	35.85 1.55 0.00	31.10 1.41 0.00	25.00 1.25 0.00	20.95 1.06 0.00	19.62 1.06 0.00	19.82 1.09 0.00	18.68 1.10 0.00	21.48 1.06 0.00	27.70 1.25 0.00	39.30 1.90 0.00	85.92 4.20 0.00	45.88 1.89 0.00	31.77 1.40 0.00	25.46 1.18 0.00	22.00 1.07 0.00	21.92 1.14 0.00
LOWER RAQUET___HYD 24057	17.83 -0.51 0.00	18.43 -0.61 -0.02	16.08 -0.55 0.00	17.32 -0.65 0.00	17.58 -0.66 0.00	18.68 -0.70 0.00	19.62 -0.72 0.00	30.83 -0.56 0.00	33.96 -0.35 0.00	29.41 -0.28 0.00	23.37 -0.38 0.00	19.55 -0.34 0.00	18.24 -0.31 0.00	18.33 -0.40 0.00	17.13 -0.46 0.00	20.24 -0.17 0.00	26.10 -0.35 0.00	37.00 -0.40 0.00	80.91 -0.80 0.00	43.84 -0.15 0.00	30.16 -0.21 0.00	24.11 -0.17 0.00	20.77 -0.16 0.00	20.34 -0.43 0.00
LOWER___HUDSON 24059	19.20 0.86 0.00	21.05 0.94 -1.07	17.64 0.83 -0.18	18.87 0.89 0.00	19.13 0.89 0.00	20.31 0.93 0.00	21.31 0.96 0.00	32.56 1.17 0.00	35.32 1.02 0.00	30.52 0.83 0.00	24.51 0.76 0.00	20.53 0.65 0.00	19.16 0.60 0.00	19.36 0.63 0.00	18.28 0.70 0.00	21.14 0.72 0.00	27.32 0.87 0.00	38.87 1.47 0.00	84.87 3.16 0.00	45.49 1.50 0.00	31.37 1.00 0.00	25.01 0.72 0.00	21.62 0.69 0.00	21.47 0.69 0.00
LOWVILLE_115KV_TB2 356335	17.57 -0.78 0.00	18.21 -0.86 -0.04	15.89 -0.75 -0.01	17.12 -0.85 0.00	17.38 -0.86 0.00	18.53 -0.85 0.00	19.50 -0.84 0.00	30.20 -1.19 0.00	33.11 -1.20 0.00	28.64 -1.05 0.00	22.93 -0.83 0.00	19.41 -0.48 0.00	18.00 -0.56 0.00	17.94 -0.79 0.00	16.76 -0.82 0.00	19.43 -0.99 0.00	25.28 -1.17 0.00	36.34 -1.07 0.00	81.04 -0.68 0.00	43.87 -0.13 0.00	30.25 -0.12 0.00	24.17 -0.12 0.00	20.67 -0.26 0.00	20.66 -0.12 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.32 0.97 0.00	21.19 1.07 -1.09	17.74 0.93 -0.18	18.98 1.00 0.00	19.25 1.01 0.00	20.44 1.06 0.00	21.48 1.14 0.00	32.89 1.50 0.00	35.69 1.38 0.00	30.85 1.16 0.00	24.72 0.97 0.00	20.74 0.86 0.00	19.31 0.75 0.00	19.48 0.76 0.00	18.41 0.83 0.00	21.39 0.98 0.00	27.70 1.24 0.00	39.37 1.96 0.00	86.00 4.29 0.00	46.08 2.08 0.00	31.75 1.38 0.00	25.30 1.01 0.00	21.84 0.91 0.00	21.67 0.89 0.00
LUTHERNY_35_KV_BK2 355980	19.32 0.97 0.00	21.21 1.09 -1.09	17.76 0.95 -0.18	18.99 1.02 0.00	19.27 1.03 0.00	20.45 1.07 0.00	21.50 1.15 0.00	32.92 1.53 0.00	35.71 1.41 0.00	30.86 1.17 0.00	24.73 0.98 0.00	20.75 0.87 0.00	19.30 0.75 0.00	19.49 0.76 0.00	18.42 0.84 0.00	21.41 0.99 0.00	27.72 1.27 0.00	39.38 1.97 0.00	86.16 4.44 0.00	46.11 2.12 0.00	31.77 1.41 0.00	25.30 1.01 0.00	21.84 0.90 0.00	21.67 0.89 0.00
LWR___OSWEGATCHIE_HYD 23850	17.58 -0.76 0.00	18.20 -0.85 -0.03	15.88 -0.76 0.00	17.11 -0.86 0.00	17.36 -0.88 0.00	18.48 -0.89 0.00	19.43 -0.92 0.00	30.31 -1.08 0.00	33.33 -0.98 0.00	28.85 -0.84 0.00	23.01 -0.74 0.00	19.36 -0.53 0.00	18.01 -0.55 0.00	18.01 -0.72 0.00	16.81 -0.78 0.00	19.68 -0.73 0.00	25.51 -0.94 0.00	36.44 -0.96 0.00	80.42 -1.29 0.00	43.55 -0.45 0.00	29.99 -0.37 0.00	23.98 -0.31 0.00	20.58 -0.35 0.00	20.37 -0.40 0.00

LYONS_FALL_HYD 23570	18.01 -0.33 0.00	18.69 -0.38 -0.03	16.31 -0.33 -0.01	17.59 -0.38 0.00	17.86 -0.38 0.00	19.02 -0.36 0.00	20.01 -0.34 0.00	30.90 -0.49 0.00	33.85 -0.46 0.00	29.28 -0.41 0.00	23.42 -0.34 0.00	19.74 -0.15 0.00	18.35 -0.21 0.00	18.40 -0.33 0.00	17.23 -0.35 0.00	19.98 -0.44 0.00	25.96 -0.49 0.00	37.09 -0.32 0.00	82.10 0.39 0.00	44.30 0.31 0.00	30.55 0.18 0.00	24.41 0.12 0.00	20.94 0.01 0.00	20.89 0.11 0.00
MADISON___COUNTY_LFGE 323628	18.53 0.19 0.00	19.32 0.23 -0.06	16.83 0.19 -0.01	18.19 0.22 0.00	18.45 0.21 0.00	19.61 0.23 0.00	20.64 0.29 0.00	31.78 0.39 0.00	34.73 0.42 0.00	30.04 0.35 0.00	23.99 0.24 0.00	20.09 0.20 0.00	18.75 0.19 0.00	18.98 0.25 0.00	17.85 0.26 0.00	20.69 0.28 0.00	26.84 0.39 0.00	38.04 0.63 0.00	83.40 1.69 0.00	44.74 0.75 0.00	30.85 0.48 0.00	24.67 0.38 0.00	21.26 0.33 0.00	21.19 0.41 0.00
MALONE___115KV_TB1 356076	17.99 -0.35 0.00	18.68 -0.35 0.00	16.25 -0.38 0.00	17.43 -0.54 0.00	17.78 -0.47 0.00	19.05 -0.33 0.00	20.09 -0.26 0.00	31.43 0.03 0.00	34.73 0.43 0.00	30.31 0.62 0.00	24.16 0.41 0.00	20.15 0.26 0.00	18.83 0.27 0.00	18.91 0.18 0.00	17.77 0.18 0.00	21.15 0.73 0.00	27.49 1.03 0.00	38.90 1.50 0.00	84.82 3.10 0.00	45.60 1.61 0.00	31.06 0.69 0.00	24.66 0.37 0.00	21.08 0.15 0.00	20.66 -0.12 0.00
MAPLEWOD_115KV_TB3 80458	19.20 0.86 0.00	21.02 0.93 -1.06	17.63 0.83 -0.18	18.85 0.88 0.00	19.12 0.88 0.00	20.29 0.91 0.00	21.26 0.92 0.00	32.45 1.06 0.00	35.25 0.94 0.00	30.48 0.80 0.00	24.47 0.72 0.00	20.50 0.61 0.00	19.12 0.57 0.00	19.32 0.59 0.00	18.23 0.65 0.00	21.09 0.67 0.00	27.27 0.82 0.00	38.77 1.36 0.00	84.62 2.91 0.00	45.37 1.37 0.00	31.30 0.93 0.00	24.99 0.70 0.00	21.59 0.66 0.00	21.45 0.67 0.00
MAPLE_RIDGE_WT_1 323574	17.76 -0.58 0.00	18.41 -0.63 0.00	16.07 -0.56 0.00	17.35 -0.62 0.00	17.71 -0.53 0.00	18.91 -0.47 0.00	19.88 -0.47 0.00	30.81 -0.58 0.00	33.79 -0.51 0.00	29.28 -0.41 0.00	23.37 -0.38 0.00	19.63 -0.26 0.00	18.29 -0.26 0.00	18.39 -0.33 0.00	17.20 -0.38 0.00	19.98 -0.44 0.00	25.83 -0.62 0.00	36.49 -0.91 0.00	80.63 -1.08 0.00	43.79 -0.20 0.00	30.26 -0.11 0.00	24.17 -0.11 0.00	20.72 -0.21 0.00	20.55 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	17.76 -0.58 0.00	18.41 -0.63 0.00	16.07 -0.56 0.00	17.35 -0.62 0.00	17.71 -0.53 0.00	18.91 -0.47 0.00	19.88 -0.47 0.00	30.81 -0.58 0.00	33.79 -0.51 0.00	29.28 -0.41 0.00	23.37 -0.38 0.00	19.63 -0.26 0.00	18.29 -0.26 0.00	18.39 -0.33 0.00	17.20 -0.38 0.00	19.98 -0.44 0.00	25.83 -0.62 0.00	36.49 -0.91 0.00	80.63 -1.08 0.00	43.79 -0.20 0.00	30.26 -0.11 0.00	24.17 -0.11 0.00	20.72 -0.21 0.00	20.55 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	17.76 -0.58 0.00	18.48 -0.55 0.00	16.08 -0.55 0.00	17.20 -0.78 0.00	17.57 -0.68 0.00	18.88 -0.50 0.00	19.92 -0.43 0.00	31.07 -0.32 0.00	34.31 0.00 0.00	30.02 0.33 0.00	23.95 0.20 0.00	19.98 0.10 0.00	18.67 0.11 0.00	18.76 0.04 0.00	17.67 0.08 0.00	21.06 0.64 0.00	27.42 0.96 0.00	38.79 1.38 0.00	84.46 2.74 0.00	45.24 1.25 0.00	30.73 0.36 0.00	24.33 0.04 0.00	20.78 -0.15 0.00	20.38 -0.40 0.00
MARSHVLE_115KV_TB1 80742	19.06 0.72 0.00	20.96 0.69 -1.24	17.41 0.57 -0.21	18.59 0.62 0.00	18.92 0.68 0.00	20.13 0.75 0.00	21.14 0.79 0.00	32.79 1.40 0.00	36.13 1.82 0.00	31.28 1.59 0.00	24.89 1.14 0.00	20.88 0.99 0.00	19.34 0.79 0.00	19.37 0.65 0.00	18.15 0.57 0.00	21.28 0.87 0.00	27.79 1.34 0.00	39.14 1.74 0.00	85.49 3.78 0.00	46.02 2.03 0.00	31.72 1.35 0.00	25.46 1.18 0.00	21.94 1.00 0.00	21.84 1.06 0.00
MARSH_HILL_WT_PWR 323713	12.83 -1.47 4.05	18.40 -0.84 -0.20	15.59 -1.08 -0.03	16.93 -1.04 0.00	17.58 -0.66 0.00	18.17 -1.21 0.00	19.27 -1.08 0.00	29.57 -1.83 0.00	32.44 -1.87 0.00	28.36 -1.32 0.00	22.54 -1.21 0.00	18.93 -0.95 0.00	17.37 -1.19 0.00	17.59 -1.14 0.00	16.70 -0.88 0.00	19.19 -1.22 0.00	24.66 -1.79 0.00	34.78 -2.63 0.00	76.88 -4.83 0.00	41.18 -2.82 0.00	28.43 -1.94 0.00	23.21 -1.08 0.00	20.50 -0.54 -0.11	20.58 -0.20 0.00
MCINTYRE_115KV_TB2 80467	18.40 0.06 0.00	18.99 -0.04 0.00	16.58 -0.05 0.00	17.86 -0.11 0.00	18.15 -0.09 0.00	19.34 -0.04 0.00	20.30 -0.05 0.00	31.90 0.51 0.00	35.13 0.83 0.00	30.40 0.70 0.00	24.08 0.32 0.00	20.05 0.16 0.00	18.68 0.13 0.00	18.83 0.10 0.00	17.56 -0.02 0.00	20.76 0.34 0.00	26.88 0.43 0.00	38.21 0.81 0.00	83.54 1.82 0.00	45.27 1.27 0.00	31.16 0.80 0.00	24.91 0.62 0.00	21.39 0.46 0.00	20.89 0.11 0.00
MECO_____69_KV_BK1 80468	19.92 1.57 0.00	21.81 1.58 -1.19	18.18 1.35 -0.20	19.44 1.46 0.00	19.76 1.52 0.00	21.04 1.66 0.00	22.15 1.80 0.00	34.33 2.94 0.00	37.55 3.25 0.00	32.22 2.53 0.00	25.73 1.98 0.00	21.59 1.70 0.00	19.42 0.86 0.00	19.54 0.81 0.00	18.46 0.88 0.00	22.27 1.86 0.00	29.19 2.74 0.00	41.25 3.85 0.00	90.06 8.34 0.00	48.35 4.36 0.00	33.23 2.86 0.00	26.56 2.28 0.00	22.83 1.90 0.00	22.68 1.91 0.00
MENANDS___115KV_TB5 355628	19.16 0.82 0.00	20.98 0.89 -1.06	17.61 0.80 -0.18	18.82 0.85 0.00	19.09 0.85 0.00	20.25 0.87 0.00	21.21 0.86 0.00	32.34 0.95 0.00	35.12 0.81 0.00	30.37 0.68 0.00	24.39 0.64 0.00	20.42 0.53 0.00	19.07 0.51 0.00	19.27 0.55 0.00	18.19 0.60 0.00	21.01 0.59 0.00	27.15 0.70 0.00	38.60 1.20 0.00	84.24 2.53 0.00	45.16 1.16 0.00	31.17 0.80 0.00	24.89 0.60 0.00	21.52 0.58 0.00	21.37 0.59 0.00
MG INDUSTRY___DRP 24185	19.14 0.80 0.00	20.95 0.88 -1.04	17.60 0.79 -0.17	18.82 0.84 0.00	19.09 0.85 0.00	20.25 0.88 0.00	21.22 0.87 0.00	32.41 1.01 0.00	35.15 0.85 0.00	30.37 0.68 0.00	24.40 0.64 0.00	20.38 0.49 0.00	19.02 0.47 0.00	19.23 0.50 0.00	18.10 0.52 0.00	21.00 0.59 0.00	27.23 0.77 0.00	38.66 1.25 0.00	84.39 2.68 0.00	45.26 1.27 0.00	31.23 0.86 0.00	24.94 0.66 0.00	21.55 0.62 0.00	21.42 0.64 0.00
MID___OSWEGATCHIE_HYD 23849	17.58 -0.76 0.00	18.20 -0.85 -0.03	15.88 -0.76 0.00	17.11 -0.86 0.00	17.36 -0.88 0.00	18.48 -0.89 0.00	19.43 -0.92 0.00	30.31 -1.08 0.00	33.33 -0.98 0.00	28.85 -0.84 0.00	23.01 -0.74 0.00	19.36 -0.53 0.00	18.01 -0.55 0.00	18.01 -0.72 0.00	16.81 -0.78 0.00	19.68 -0.73 0.00	25.51 -0.94 0.00	36.44 -0.96 0.00	80.42 -1.29 0.00	43.55 -0.45 0.00	29.99 -0.37 0.00	23.98 -0.31 0.00	20.58 -0.35 0.00	20.37 -0.40 0.00
MID___RAQUETTE_HYD 23851	17.83 -0.51 0.00	18.43 -0.61 -0.02	16.08 -0.55 0.00	17.32 -0.65 0.00	17.58 -0.66 0.00	18.68 -0.70 0.00	19.62 -0.72 0.00	30.83 -0.56 0.00	33.96 -0.35 0.00	29.41 -0.28 0.00	23.37 -0.38 0.00	19.55 -0.34 0.00	18.24 -0.31 0.00	18.33 -0.40 0.00	17.13 -0.46 0.00	20.25 -0.17 0.00	26.10 -0.35 0.00	37.00 -0.40 0.00	80.91 -0.80 0.00	43.84 -0.15 0.00	30.16 -0.21 0.00	24.11 -0.17 0.00	20.77 -0.16 0.00	20.34 -0.43 0.00

MILLIKEN___1 23584	22.19 -0.08 -3.93	19.23 0.00 -0.19	16.64 -0.02 -0.03	17.99 0.02 0.00	18.26 0.02 0.00	19.37 -0.01 0.00	20.39 0.04 0.00	31.37 -0.02 0.00	34.22 -0.08 0.00	29.71 0.02 0.00	23.77 0.02 0.00	19.88 -0.01 0.00	18.51 -0.05 0.00	18.74 0.01 0.00	17.64 0.05 0.00	20.40 -0.01 0.00	26.45 0.00 0.00	37.46 0.05 0.00	82.24 0.53 0.00	44.00 0.01 0.00	30.29 -0.08 0.00	24.31 0.02 0.00	20.98 0.05 0.00	21.03 0.25 0.00
MILLIKEN___2 23585	22.19 -0.08 -3.93	19.23 0.00 -0.19	16.64 -0.02 -0.03	17.99 0.02 0.00	18.26 0.02 0.00	19.37 -0.01 0.00	20.39 0.04 0.00	31.37 -0.02 0.00	34.22 -0.08 0.00	29.71 0.02 0.00	23.77 0.02 0.00	19.88 -0.01 0.00	18.51 -0.05 0.00	18.74 0.01 0.00	17.64 0.05 0.00	20.40 -0.01 0.00	26.45 0.00 0.00	37.46 0.05 0.00	82.24 0.53 0.00	44.00 0.01 0.00	30.29 -0.08 0.00	24.31 0.02 0.00	20.98 0.05 0.00	21.03 0.25 0.00
MILLIKEN___DIESEL 23629	22.19 -0.08 -3.93	19.23 0.00 -0.19	16.64 -0.02 -0.03	17.99 0.02 0.00	18.26 0.02 0.00	19.37 -0.01 0.00	20.39 0.04 0.00	31.37 -0.02 0.00	34.22 -0.08 0.00	29.71 0.02 0.00	23.77 0.02 0.00	19.88 -0.01 0.00	18.51 -0.05 0.00	18.74 0.01 0.00	17.64 0.05 0.00	20.40 -0.01 0.00	26.45 0.00 0.00	37.46 0.05 0.00	82.24 0.53 0.00	44.00 0.01 0.00	30.29 -0.08 0.00	24.31 0.02 0.00	20.98 0.05 0.00	21.03 0.25 0.00
MILLSEAT___LFGE 323607	15.95 -1.43 0.97	17.66 -1.50 -0.13	15.34 -1.31 -0.02	16.69 -1.28 0.00	16.93 -1.32 0.00	17.96 -1.42 0.00	18.80 -1.55 0.00	28.71 -2.68 0.00	31.42 -2.89 0.00	27.49 -2.20 0.00	22.24 -1.51 0.00	18.39 -1.49 0.00	16.97 -1.59 0.00	17.03 -1.70 0.00	16.14 -1.45 0.00	18.63 -1.78 0.00	24.34 -2.11 0.00	34.40 -3.00 0.00	76.11 -5.60 0.00	40.69 -3.31 0.00	27.91 -2.46 0.00	22.43 -1.86 0.00	19.06 -1.53 0.34	19.67 -1.11 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.38 1.03 0.00	21.03 1.13 -0.87	17.78 1.00 -0.15	19.03 1.06 0.00	19.26 1.02 0.00	20.43 1.05 0.00	21.52 1.17 0.00	32.87 1.47 0.00	35.74 1.44 0.00	31.00 1.31 0.00	24.91 1.16 0.00	20.88 0.99 0.00	19.55 1.00 0.00	19.75 1.03 0.00	18.62 1.04 0.00	21.41 0.99 0.00	27.62 1.16 0.00	39.18 1.78 0.00	85.63 3.92 0.00	45.73 1.73 0.00	31.67 1.31 0.00	25.37 1.09 0.00	21.93 0.99 0.00	21.85 1.07 0.00
MILLWOOD_13_KV_LOAD 356217	19.41 1.07 0.00	21.07 1.17 -0.87	17.81 1.03 -0.15	19.07 1.09 0.00	19.30 1.06 0.00	20.48 1.10 0.00	21.57 1.22 0.00	32.94 1.55 0.00	35.82 1.51 0.00	31.07 1.38 0.00	24.97 1.22 0.00	20.92 1.04 0.00	19.60 1.04 0.00	19.80 1.07 0.00	18.67 1.08 0.00	21.46 1.05 0.00	27.68 1.23 0.00	39.27 1.87 0.00	85.84 4.12 0.00	45.84 1.85 0.00	31.74 1.37 0.00	25.44 1.15 0.00	21.98 1.05 0.00	21.90 1.12 0.00
MODEL_CITY_ENERGY 24167	15.38 -1.94 1.03	17.14 -2.03 -0.13	14.89 -1.76 -0.02	16.22 -1.76 0.00	16.44 -1.80 0.00	17.43 -1.95 0.00	18.21 -2.14 0.00	27.75 -3.65 0.00	30.38 -3.93 0.00	26.62 -3.07 0.00	21.53 -2.22 0.00	17.84 -2.04 0.00	16.47 -2.09 0.00	16.53 -2.19 0.00	15.66 -1.92 0.00	18.06 -2.35 0.00	23.55 -2.91 0.00	33.15 -4.26 0.00	73.27 -8.44 0.00	39.21 -4.78 0.00	26.92 -3.45 0.00	21.65 -2.64 0.00	18.38 -2.16 0.40	19.06 -1.72 0.00
MODERN_LFGE___ 323580	15.38 -1.94 1.03	17.14 -2.03 -0.13	14.89 -1.76 -0.02	16.22 -1.76 0.00	16.44 -1.80 0.00	17.43 -1.95 0.00	18.21 -2.14 0.00	27.75 -3.65 0.00	30.38 -3.93 0.00	26.62 -3.07 0.00	21.53 -2.22 0.00	17.84 -2.04 0.00	16.47 -2.09 0.00	16.53 -2.19 0.00	15.66 -1.92 0.00	18.06 -2.35 0.00	23.55 -2.91 0.00	33.15 -4.26 0.00	73.27 -8.44 0.00	39.21 -4.78 0.00	26.92 -3.45 0.00	21.65 -2.64 0.00	18.38 -2.16 0.40	19.06 -1.72 0.00
MOHAWK_PAPER___DRP 24187	19.20 0.86 0.00	21.02 0.93 -1.06	17.63 0.83 -0.18	18.85 0.88 0.00	19.12 0.88 0.00	20.29 0.91 0.00	21.26 0.92 0.00	32.45 1.06 0.00	35.25 0.94 0.00	30.48 0.80 0.00	24.47 0.72 0.00	20.50 0.61 0.00	19.12 0.57 0.00	19.32 0.59 0.00	18.23 0.65 0.00	21.09 0.67 0.00	27.27 0.82 0.00	38.77 1.36 0.00	84.62 2.91 0.00	45.37 1.37 0.00	31.30 0.93 0.00	24.99 0.70 0.00	21.59 0.66 0.00	21.45 0.67 0.00
MOHICAN___35_KV_115KV_LD 80490	19.39 1.05 0.00	21.29 1.17 -1.09	17.83 1.01 -0.18	19.06 1.09 0.00	19.33 1.09 0.00	20.55 1.17 0.00	21.62 1.27 0.00	33.09 1.70 0.00	35.79 1.48 0.00	30.92 1.23 0.00	24.77 1.02 0.00	20.81 0.93 0.00	19.42 0.86 0.00	19.59 0.86 0.00	18.52 0.94 0.00	21.57 1.16 0.00	27.95 1.49 0.00	39.79 2.38 0.00	86.80 5.09 0.00	46.49 2.49 0.00	31.99 1.62 0.00	25.40 1.12 0.00	21.90 0.97 0.00	21.70 0.92 0.00
MONGAUP___HYD 23641	19.16 0.82 0.00	20.72 0.90 -0.78	17.55 0.79 -0.13	18.81 0.84 0.00	19.06 0.82 0.00	20.23 0.85 0.00	21.30 0.95 0.00	32.61 1.21 0.00	35.47 1.17 0.00	30.61 0.92 0.00	24.61 0.86 0.00	20.59 0.70 0.00	19.27 0.71 0.00	19.48 0.75 0.00	18.34 0.76 0.00	21.15 0.74 0.00	27.40 0.95 0.00	38.98 1.57 0.00	85.30 3.59 0.00	45.57 1.58 0.00	31.50 1.14 0.00	25.20 0.92 0.00	21.77 0.83 0.00	21.67 0.89 0.00
MONTAUK___DIESEL 23721	20.22 1.88 0.00	22.07 2.17 -0.87	19.57 2.00 -0.93	20.15 2.18 0.00	45.19 2.16 -24.78	21.65 2.27 0.00	23.06 2.50 -0.21	34.72 3.32 0.00	183.94 2.71 -146.93	50.53 2.81 -18.03	25.94 2.19 0.00	21.60 1.72 0.00	20.35 1.80 0.00	20.62 1.89 0.00	19.47 1.89 0.00	22.39 1.98 0.00	29.06 2.60 0.00	40.99 3.59 0.00	88.40 7.56 0.87	47.11 3.12 0.00	32.64 2.27 0.00	26.47 2.19 0.00	22.91 1.98 0.00	22.76 1.98 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.13 -1.82 1.40	17.30 -1.89 -0.16	15.14 -1.51 -0.03	16.57 -1.40 0.00	16.68 -1.57 0.00	17.85 -1.53 0.00	18.88 -1.47 0.00	28.76 -2.63 0.00	31.50 -2.81 0.00	27.61 -2.08 0.00	22.39 -1.36 0.00	18.54 -1.34 0.00	17.00 -1.55 0.00	17.20 -1.52 0.00	16.11 -1.47 0.00	18.66 -1.76 0.00	24.13 -2.32 0.00	34.14 -3.27 0.00	76.83 -4.88 0.00	41.18 -2.82 0.00	28.46 -1.91 0.00	22.98 -1.30 0.00	19.89 -1.04 0.00	20.20 -0.58 0.00
MORTIMER_115KV_TB3 55949	16.43 -1.11 0.80	18.00 -1.15 -0.12	15.64 -1.01 -0.02	16.98 -0.99 0.00	17.21 -1.03 0.00	18.27 -1.11 0.00	19.15 -1.20 0.00	29.38 -2.01 0.00	32.11 -2.19 0.00	27.99 -1.70 0.00	22.57 -1.18 0.00	18.80 -1.09 0.00	17.41 -1.15 0.00	17.54 -1.18 0.00	16.54 -1.04 0.00	19.11 -1.31 0.00	24.86 -1.60 0.00	35.17 -2.23 0.00	77.46 -4.25 0.00	41.46 -2.54 0.00	28.50 -1.87 0.00	22.84 -1.45 0.00	19.74 -1.19 0.00	19.93 -0.86 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.47 1.13 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.38 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.91 1.60 0.00	31.20 1.51 0.00	25.07 1.32 0.00	21.03 1.15 0.00	19.73 1.17 0.00	19.91 1.19 0.00	18.76 1.18 0.00	21.52 1.10 0.00	27.72 1.26 0.00	39.29 1.89 0.00	85.87 4.16 0.00	45.82 1.82 0.00	31.79 1.42 0.00	25.46 1.18 0.00	22.00 1.07 0.00	21.94 1.16 0.00

MUNSVILLE_WIND_PWR 323609	20.97 0.52 -2.11	20.18 0.87 -0.28	17.40 0.73 -0.05	18.89 0.91 0.00	19.22 0.98 0.00	20.46 1.08 0.00	21.40 1.05 0.00	33.04 1.65 0.00	36.20 1.89 0.00	31.59 1.90 0.00	25.10 1.35 0.00	20.96 1.07 0.00	19.34 0.78 0.00	19.64 0.91 0.00	18.49 0.91 0.00	21.48 1.07 0.00	28.27 1.82 0.00	39.88 2.47 0.00	87.49 5.78 0.00	46.56 2.57 0.00	31.95 1.58 0.00	25.65 1.36 0.00	22.30 1.26 -0.11	22.25 1.47 0.00
N SALMON___HYD 24042	18.00 -0.35 0.00	18.68 -0.35 0.00	16.25 -0.38 0.00	17.43 -0.54 0.00	17.78 -0.47 0.00	19.05 -0.33 0.00	20.09 -0.26 0.00	31.43 0.03 0.00	34.73 0.43 0.00	30.31 0.62 0.00	24.16 0.41 0.00	20.15 0.26 0.00	18.83 0.27 0.00	18.91 0.18 0.00	17.76 0.18 0.00	21.15 0.73 0.00	27.49 1.03 0.00	38.90 1.50 0.00	84.82 3.10 0.00	45.60 1.61 0.00	31.06 0.69 0.00	24.66 0.37 0.00	21.08 0.15 0.00	20.66 -0.12 0.00
N.AKRON__115KV_KNAPP 355671	15.92 -1.45 0.97	17.64 -1.53 -0.13	15.33 -1.32 -0.02	16.70 -1.27 0.00	16.91 -1.33 0.00	17.96 -1.42 0.00	18.79 -1.56 0.00	28.70 -2.69 0.00	31.40 -2.90 0.00	27.49 -2.20 0.00	22.23 -1.52 0.00	18.40 -1.49 0.00	16.96 -1.59 0.00	17.02 -1.71 0.00	16.14 -1.44 0.00	18.63 -1.79 0.00	24.32 -2.13 0.00	34.39 -3.02 0.00	76.05 -5.67 0.00	40.66 -3.34 0.00	27.89 -2.48 0.00	22.39 -1.89 0.00	19.39 -1.54 0.00	19.66 -1.12 0.00
N.BELMOR_69_KV_BK1 55787	19.71 1.37 0.00	21.42 1.52 -0.87	18.92 1.36 -0.93	19.42 1.45 0.00	44.46 1.43 -24.78	20.82 1.44 0.00	22.19 1.64 -0.21	33.50 2.11 0.00	164.73 2.12 -128.30	49.60 1.89 -18.03	25.30 1.55 0.00	21.21 1.32 0.00	19.91 1.36 0.00	20.13 1.40 0.00	18.99 1.41 0.00	21.83 1.41 0.00	28.12 1.66 0.00	39.81 2.40 0.00	85.99 4.83 0.55	46.21 2.22 0.00	32.13 1.76 0.00	25.90 1.61 0.00	22.34 1.41 0.00	22.22 1.44 0.00
N.E_GEN_SANDY PD 24062	20.24 1.00 -0.91	21.93 1.09 -1.80	19.34 0.96 -1.75	20.46 1.03 -1.46	21.38 1.01 -2.13	22.35 1.04 -1.93	21.50 1.08 -0.07	33.03 1.31 -0.33	35.45 1.15 0.00	30.66 0.97 0.00	24.64 0.89 0.00	20.97 0.76 -0.33	19.17 0.75 0.13	19.53 0.80 0.00	18.44 0.85 -0.01	20.90 0.81 0.33	27.81 0.94 -0.42	39.37 1.58 -0.37	85.12 3.40 0.00	45.58 1.59 0.00	29.02 1.10 2.45	25.10 0.82 0.00	21.79 0.80 -0.06	21.61 0.83 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.39 1.05 0.00	21.03 1.14 -0.85	17.78 1.01 -0.14	19.04 1.07 0.00	19.30 1.06 0.00	20.46 1.08 0.00	21.55 1.20 0.00	32.92 1.53 0.00	35.82 1.51 0.00	31.06 1.37 0.00	24.98 1.23 0.00	20.92 1.03 0.00	19.59 1.03 0.00	19.79 1.06 0.00	18.65 1.07 0.00	21.45 1.03 0.00	27.67 1.22 0.00	39.26 1.86 0.00	85.84 4.13 0.00	45.84 1.84 0.00	31.74 1.37 0.00	25.44 1.15 0.00	21.98 1.05 0.00	21.90 1.12 0.00
N.QUEENS_27_KV_LOAD 356247	19.57 1.22 0.00	21.28 1.38 -0.87	18.01 1.23 -0.15	19.22 1.25 0.00	19.46 1.22 0.00	20.66 1.28 0.00	21.75 1.40 0.00	33.17 1.78 0.00	36.12 1.82 0.00	31.40 1.71 0.00	25.19 1.44 0.00	21.14 1.26 0.00	19.92 1.36 0.00	20.03 1.30 0.00	18.87 1.29 0.00	21.57 1.16 0.00	27.80 1.35 0.00	39.37 1.97 0.00	86.43 4.48 -0.24	45.96 1.96 0.00	31.99 1.62 0.00	25.56 1.28 0.00	22.08 1.14 0.00	22.05 1.28 0.00
N.TROY___115KV_TB1 355778	19.21 0.86 0.00	21.05 0.94 -1.07	17.64 0.83 -0.18	18.86 0.89 0.00	19.13 0.89 0.00	20.31 0.93 0.00	21.31 0.96 0.00	32.56 1.17 0.00	35.32 1.02 0.00	30.52 0.83 0.00	24.51 0.76 0.00	20.53 0.65 0.00	19.16 0.60 0.00	19.36 0.63 0.00	18.28 0.69 0.00	21.14 0.72 0.00	27.32 0.87 0.00	38.87 1.47 0.00	84.87 3.16 0.00	45.49 1.50 0.00	31.37 1.00 0.00	25.01 0.72 0.00	21.62 0.69 0.00	21.47 0.69 0.00
NARROWS_GT1_1 24228	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT1_2 24229	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT1_3 24230	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT1_4 24231	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT1_5 24232	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT1_6 24233	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT1_7 24234	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00

NARROWS_GT1_8 24235	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT2_1 24236	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT2_2 24237	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT2_3 24238	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT2_4 24239	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT2_5 24240	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT2_6 24241	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT2_7 24242	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NARROWS_GT2_8 24243	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.58 1.23 0.00	21.33 1.30 -1.00	17.95 1.15 -0.17	19.21 1.24 0.00	19.50 1.26 0.00	20.71 1.33 0.00	21.70 1.35 0.00	33.13 1.73 0.00	35.93 1.62 0.00	31.03 1.34 0.00	24.87 1.12 0.00	20.65 0.76 0.00	19.31 0.75 0.00	19.43 0.71 0.00	18.28 0.70 0.00	21.30 0.88 0.00	27.85 1.39 0.00	39.75 2.34 0.00	86.71 4.99 0.00	46.45 2.46 0.00	31.97 1.60 0.00	25.48 1.20 0.00	21.98 1.05 0.00	21.80 1.02 0.00
NCHELSEA_115KV_TR2 355582	19.46 1.12 0.00	21.12 1.22 -0.86	17.84 1.07 -0.15	19.12 1.15 0.00	19.36 1.12 0.00	20.53 1.15 0.00	21.62 1.27 0.00	33.06 1.67 0.00	35.96 1.65 0.00	31.16 1.47 0.00	25.02 1.27 0.00	20.96 1.08 0.00	19.62 1.07 0.00	19.81 1.09 0.00	18.67 1.09 0.00	21.51 1.10 0.00	27.79 1.34 0.00	39.47 2.07 0.00	86.29 4.58 0.00	46.10 2.10 0.00	31.88 1.52 0.00	25.51 1.23 0.00	22.04 1.11 0.00	21.94 1.17 0.00
NEG CAPITAL___MECHNVIL 23645	19.32 0.97 0.00	21.18 1.07 -1.08	17.74 0.93 -0.18	18.98 1.00 0.00	19.24 1.00 0.00	20.44 1.06 0.00	21.48 1.13 0.00	32.87 1.48 0.00	35.66 1.36 0.00	30.84 1.15 0.00	24.72 0.97 0.00	20.73 0.85 0.00	19.31 0.75 0.00	19.48 0.75 0.00	18.41 0.83 0.00	21.38 0.96 0.00	27.69 1.23 0.00	39.36 1.95 0.00	85.98 4.26 0.00	46.06 2.07 0.00	31.74 1.37 0.00	25.29 1.00 0.00	21.82 0.89 0.00	21.66 0.88 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.49 -1.26 0.60	17.85 -1.30 -0.12	15.50 -1.15 -0.02	16.81 -1.16 0.00	17.05 -1.19 0.00	18.11 -1.27 0.00	19.00 -1.35 0.00	29.18 -2.21 0.00	31.87 -2.43 0.00	27.71 -1.98 0.00	22.32 -1.43 0.00	18.61 -1.28 0.00	17.27 -1.29 0.00	17.41 -1.31 0.00	16.40 -1.18 0.00	18.94 -1.48 0.00	24.63 -1.83 0.00	34.88 -2.52 0.00	76.72 -5.00 0.00	41.05 -2.94 0.00	28.24 -2.13 0.00	22.62 -1.66 0.00	19.41 -1.37 0.14	19.69 -1.08 0.00
NEG CENTRAL___DRP 24199	16.78 -0.53 1.04	18.70 -0.46 -0.13	16.21 -0.44 -0.02	17.56 -0.41 0.00	17.83 -0.41 0.00	18.89 -0.49 0.00	19.90 -0.45 0.00	30.58 -0.81 0.00	33.33 -0.97 0.00	28.97 -0.72 0.00	23.21 -0.54 0.00	19.42 -0.47 0.00	18.06 -0.50 0.00	18.26 -0.47 0.00	17.17 -0.41 0.00	19.81 -0.61 0.00	25.71 -0.74 0.00	36.44 -0.97 0.00	79.98 -1.73 0.00	42.81 -1.18 0.00	29.51 -0.86 0.00	23.71 -0.57 0.00	20.49 -0.44 0.00	20.58 -0.20 0.00
NEG CENTRAL___INDECK 23768	14.76 -0.93 2.66	18.63 -0.58 -0.18	16.04 -0.62 -0.03	17.40 -0.57 0.00	17.77 -0.47 0.00	18.75 -0.63 0.00	19.76 -0.59 0.00	30.34 -1.05 0.00	33.23 -1.07 0.00	28.87 -0.82 0.00	23.04 -0.71 0.00	19.39 -0.50 0.00	17.83 -0.73 0.00	18.05 -0.67 0.00	16.92 -0.66 0.00	19.54 -0.87 0.00	25.33 -1.13 0.00	36.17 -1.23 0.00	80.15 -1.57 0.00	42.88 -1.12 0.00	29.52 -0.85 0.00	23.79 -0.50 0.00	20.71 -0.29 -0.07	20.78 0.00 0.00

NEG CENTRAL___SENECA 23627	15.83 -0.61 1.91	18.67 -0.50 -0.14	16.15 -0.50 -0.02	17.52 -0.45 0.00	17.79 -0.45 0.00	18.85 -0.53 0.00	19.85 -0.50 0.00	30.51 -0.88 0.00	33.27 -1.04 0.00	28.93 -0.75 0.00	23.18 -0.57 0.00	19.37 -0.52 0.00	18.01 -0.55 0.00	18.22 -0.51 0.00	17.13 -0.45 0.00	19.75 -0.66 0.00	25.68 -0.78 0.00	36.39 -1.01 0.00	79.95 -1.77 0.00	42.79 -1.20 0.00	29.51 -0.85 0.00	23.74 -0.54 0.00	20.52 -0.41 0.00	20.62 -0.16 0.00
NEG CENTRAL___STATE_STREET 24147	18.47 -0.28 -0.41	18.92 -0.24 -0.12	16.44 -0.21 -0.02	17.77 -0.20 0.00	18.04 -0.20 0.00	19.09 -0.29 0.00	20.14 -0.21 0.00	30.99 -0.41 0.00	33.69 -0.61 0.00	29.28 -0.41 0.00	23.49 -0.26 0.00	19.67 -0.22 0.00	18.30 -0.26 0.00	18.48 -0.24 0.00	17.39 -0.19 0.00	20.11 -0.30 0.00	26.04 -0.42 0.00	36.89 -0.51 0.00	80.97 -0.74 0.00	43.30 -0.69 0.00	29.78 -0.59 0.00	23.96 -0.32 0.00	20.68 -0.25 0.00	20.75 -0.03 0.00
NEG MILLWOOD___DRP 24198	19.55 1.21 0.00	21.22 1.31 -0.88	17.93 1.15 -0.15	19.20 1.23 0.00	19.45 1.20 0.00	20.63 1.25 0.00	21.73 1.39 0.00	33.23 1.84 0.00	36.14 1.84 0.00	31.33 1.65 0.00	25.17 1.41 0.00	21.08 1.19 0.00	19.73 1.18 0.00	19.93 1.21 0.00	18.78 1.20 0.00	21.62 1.20 0.00	27.91 1.46 0.00	39.65 2.25 0.00	86.67 4.96 0.00	46.27 2.28 0.00	32.02 1.65 0.00	25.63 1.35 0.00	22.14 1.21 0.00	22.04 1.26 0.00
NEG NORTH_FLCN_SEA 23793	18.01 -0.34 0.00	18.71 -0.32 0.00	16.30 -0.33 0.00	17.44 -0.53 0.00	17.80 -0.44 0.00	19.12 -0.26 0.00	20.19 -0.16 0.00	31.46 0.07 0.00	34.71 0.41 0.00	30.40 0.71 0.00	24.29 0.54 0.00	20.28 0.39 0.00	18.95 0.40 0.00	19.05 0.33 0.00	17.92 0.34 0.00	21.32 0.90 0.00	27.77 1.32 0.00	39.38 1.98 0.00	85.77 4.06 0.00	45.90 1.90 0.00	31.17 0.80 0.00	24.64 0.36 0.00	21.05 0.12 0.00	20.66 -0.11 0.00
NEG NORTH_KES_CHATEGAY 23792	17.82 -0.52 0.00	18.54 -0.49 0.00	16.13 -0.51 0.00	17.27 -0.70 0.00	17.64 -0.60 0.00	18.95 -0.43 0.00	19.98 -0.37 0.00	31.21 -0.18 0.00	34.49 0.18 0.00	30.14 0.45 0.00	24.03 0.28 0.00	20.03 0.15 0.00	18.72 0.16 0.00	18.81 0.08 0.00	17.70 0.12 0.00	21.12 0.71 0.00	27.49 1.04 0.00	38.88 1.48 0.00	84.67 2.96 0.00	45.42 1.42 0.00	30.86 0.49 0.00	24.46 0.17 0.00	20.88 -0.05 0.00	20.47 -0.31 0.00
NEG NORTH___ALICE_FALLS 23915	18.03 -0.32 0.00	18.72 -0.31 0.00	16.30 -0.33 0.00	17.45 -0.52 0.00	17.82 -0.42 0.00	19.13 -0.24 0.00	20.21 -0.14 0.00	31.51 0.12 0.00	34.79 0.49 0.00	30.47 0.78 0.00	24.31 0.56 0.00	20.31 0.42 0.00	18.96 0.40 0.00	19.08 0.35 0.00	17.94 0.36 0.00	21.36 0.94 0.00	27.81 1.36 0.00	39.43 2.03 0.00	85.91 4.20 0.00	46.00 2.01 0.00	31.24 0.87 0.00	24.70 0.41 0.00	21.09 0.16 0.00	20.69 0.00 0.00
NEG NORTH___LWR_SARANAC 23913	18.03 -0.32 0.00	18.72 -0.31 0.00	16.30 -0.33 0.00	17.45 -0.52 0.00	17.82 -0.42 0.00	19.13 -0.24 0.00	20.21 -0.14 0.00	31.51 0.12 0.00	34.79 0.49 0.00	30.47 0.78 0.00	24.31 0.56 0.00	20.31 0.42 0.00	18.96 0.40 0.00	19.08 0.35 0.00	17.94 0.36 0.00	21.36 0.94 0.00	27.81 1.36 0.00	39.43 2.03 0.00	85.91 4.20 0.00	46.00 2.01 0.00	31.24 0.87 0.00	24.70 0.41 0.00	21.09 0.16 0.00	20.69 -0.09 0.00
NEG NORTH___PLATTSBURG 23628	18.03 -0.32 0.00	18.73 -0.31 0.00	16.30 -0.33 0.00	17.45 -0.52 0.00	17.82 -0.42 0.00	19.14 -0.24 0.00	20.21 -0.14 0.00	31.52 0.12 0.00	34.79 0.49 0.00	30.47 0.78 0.00	24.31 0.56 0.00	20.31 0.42 0.00	18.96 0.40 0.00	19.08 0.35 0.00	17.94 0.36 0.00	21.36 0.94 0.00	27.81 1.36 0.00	39.43 2.03 0.00	85.92 4.21 0.00	46.00 2.01 0.00	31.24 0.87 0.00	24.70 0.41 0.00	21.09 0.16 0.00	20.69 -0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	15.54 -1.80 1.01	17.27 -1.89 -0.13	15.01 -1.64 -0.02	16.37 -1.60 0.00	16.57 -1.68 0.00	17.59 -1.79 0.00	18.39 -1.96 0.00	28.05 -3.34 0.00	30.69 -3.61 0.00	26.91 -2.78 0.00	21.76 -1.99 0.00	18.04 -1.85 0.00	16.63 -1.93 0.00	16.70 -2.03 0.00	15.82 -1.76 0.00	18.25 -2.17 0.00	23.79 -2.66 0.00	33.52 -3.88 0.00	74.12 -7.60 0.00	39.66 -4.34 0.00	27.23 -3.14 0.00	21.88 -2.40 0.00	18.97 -1.96 0.00	19.27 -1.51 0.00
NEG WEST___LANCASTER 23811	15.96 -1.10 1.28	18.06 -1.12 -0.15	15.65 -1.00 -0.03	17.07 -0.90 0.00	17.28 -0.97 0.00	18.31 -1.07 0.00	19.17 -1.18 0.00	29.26 -2.13 0.00	32.01 -2.30 0.00	28.01 -1.68 0.00	22.62 -1.13 0.00	18.81 -1.08 0.00	17.41 -1.15 0.00	17.60 -1.13 0.00	16.61 -0.98 0.00	19.19 -1.22 0.00	24.92 -1.53 0.00	35.02 -2.39 0.00	77.31 -4.41 0.00	41.29 -2.70 0.00	28.34 -2.03 0.00	22.83 -1.45 0.00	19.82 -1.11 0.00	20.15 -0.63 0.00
NEG_PENN_ALLEGHNY 23528	17.76 -0.32 0.26	19.13 -0.19 -0.29	16.47 -0.20 -0.05	17.80 -0.17 0.00	18.05 -0.19 0.00	19.14 -0.24 0.00	20.11 -0.24 0.00	30.88 -0.51 0.00	33.74 -0.56 0.00	29.33 -0.37 0.00	23.52 -0.23 0.00	19.67 -0.22 0.00	18.29 -0.26 0.00	18.54 -0.18 0.00	17.42 -0.16 0.00	20.16 -0.25 0.00	26.12 -0.33 0.00	36.93 -0.47 0.00	81.15 -0.57 0.00	43.39 -0.60 0.00	29.88 -0.49 0.00	23.98 -0.31 0.00	20.85 -0.21 -0.13	20.78 0.00 0.00
NEG___GEN_MONROE 24207	16.47 -1.06 0.81	18.04 -1.11 -0.12	15.68 -0.97 -0.02	17.03 -0.94 0.00	17.26 -0.98 0.00	18.33 -1.05 0.00	19.21 -1.14 0.00	29.45 -1.94 0.00	32.19 -2.11 0.00	28.06 -1.63 0.00	22.65 -1.10 0.00	18.84 -1.04 0.00	17.42 -1.13 0.00	17.55 -1.18 0.00	16.56 -1.02 0.00	19.13 -1.29 0.00	24.92 -1.54 0.00	35.28 -2.13 0.00	77.77 -3.95 0.00	41.61 -2.39 0.00	28.58 -1.79 0.00	22.91 -1.37 0.00	19.81 -1.12 0.00	20.01 -0.77 0.00
NEPA___ENERGY 23901	15.45 -1.60 1.30	17.68 -1.50 -0.15	15.30 -1.36 -0.03	16.66 -1.31 0.00	16.84 -1.41 0.00	17.86 -1.52 0.00	18.80 -1.55 0.00	28.76 -2.63 0.00	31.53 -2.78 0.00	27.64 -2.06 0.00	22.32 -1.43 0.00	18.52 -1.36 0.00	17.05 -1.50 0.00	17.34 -1.39 0.00	16.25 -1.33 0.00	18.86 -1.56 0.00	24.48 -1.97 0.00	34.46 -2.95 0.00	76.73 -4.99 0.00	40.84 -3.16 0.00	28.03 -2.34 0.00	22.63 -1.65 0.00	19.57 -1.36 0.00	19.90 -0.88 0.00
NEVERSink___HYD 23608	19.10 0.75 0.00	20.61 0.81 -0.77	17.46 0.70 -0.13	18.72 0.75 0.00	18.98 0.74 0.00	20.14 0.76 0.00	21.22 0.87 0.00	32.52 1.13 0.00	35.41 1.11 0.00	30.63 0.94 0.00	24.52 0.77 0.00	20.56 0.68 0.00	19.26 0.70 0.00	19.38 0.65 0.00	18.27 0.69 0.00	21.10 0.68 0.00	27.34 0.89 0.00	38.86 1.46 0.00	84.99 3.27 0.00	45.38 1.38 0.00	31.39 1.02 0.00	25.12 0.83 0.00	21.68 0.74 0.00	21.58 0.80 0.00
NEWKRMKL_115KV_TB1 55635	19.12 0.78 0.00	20.94 0.84 -1.06	17.58 0.77 -0.18	18.78 0.80 0.00	19.05 0.80 0.00	20.20 0.82 0.00	21.15 0.80 0.00	32.23 0.83 0.00	35.01 0.71 0.00	30.28 0.59 0.00	24.31 0.56 0.00	20.36 0.47 0.00	19.00 0.45 0.00	19.20 0.48 0.00	18.12 0.54 0.00	20.94 0.52 0.00	27.08 0.63 0.00	38.49 1.08 0.00	83.99 2.28 0.00	45.02 1.03 0.00	31.08 0.71 0.00	24.82 0.53 0.00	21.45 0.51 0.00	21.31 0.53 0.00

NEWTON___FALLS_HYD 23847	17.58 -0.76 0.00	18.20 -0.85 -0.03	15.88 -0.76 0.00	17.11 -0.86 0.00	17.36 -0.88 0.00	18.48 -0.89 0.00	19.43 -0.92 0.00	30.31 -1.08 0.00	33.33 -0.98 0.00	28.85 -0.84 0.00	23.01 -0.74 0.00	19.36 -0.53 0.00	18.01 -0.55 0.00	18.01 -0.72 0.00	16.81 -0.78 0.00	19.68 -0.73 0.00	25.51 -0.94 0.00	36.44 -0.96 0.00	80.42 -1.29 0.00	43.55 -0.45 0.00	29.99 -0.37 0.00	23.98 -0.31 0.00	20.58 -0.35 0.00	20.37 -0.40 0.00
NGRID_A1_DSASP 323792	15.27 -2.04 1.03	16.95 -2.22 -0.13	14.71 -1.94 -0.02	16.03 -1.94 0.00	16.25 -1.99 0.00	17.22 -2.16 0.00	18.01 -2.34 0.00	27.48 -3.91 0.00	30.08 -4.22 0.00	26.36 -3.33 0.00	21.32 -2.43 0.00	17.68 -2.20 0.00	16.31 -2.24 0.00	16.40 -2.32 0.00	15.54 -2.04 0.00	17.92 -2.49 0.00	23.35 -3.11 0.00	32.83 -4.58 0.00	72.49 -9.22 0.00	38.79 -5.20 0.00	26.64 -3.74 0.00	21.41 -2.87 0.00	18.17 -2.35 0.41	18.92 -1.86 0.00
NGRID_A2_DSASP 323793	15.27 -2.04 1.03	16.95 -2.22 -0.13	14.71 -1.94 -0.02	16.03 -1.94 0.00	16.25 -1.99 0.00	17.22 -2.16 0.00	18.01 -2.34 0.00	27.48 -3.91 0.00	30.08 -4.22 0.00	26.36 -3.33 0.00	21.32 -2.43 0.00	17.68 -2.20 0.00	16.31 -2.24 0.00	16.40 -2.32 0.00	15.54 -2.04 0.00	17.92 -2.49 0.00	23.35 -3.11 0.00	32.83 -4.58 0.00	72.49 -9.22 0.00	38.79 -5.20 0.00	26.64 -3.74 0.00	21.41 -2.87 0.00	18.17 -2.35 0.41	18.92 -1.86 0.00
NGRID_A4_DSASP 323807	15.27 -2.04 1.03	16.95 -2.22 -0.13	14.71 -1.94 -0.02	16.03 -1.94 0.00	16.25 -1.99 0.00	17.22 -2.16 0.00	18.01 -2.34 0.00	27.48 -3.91 0.00	30.08 -4.22 0.00	26.36 -3.33 0.00	21.32 -2.43 0.00	17.68 -2.20 0.00	16.31 -2.24 0.00	16.40 -2.32 0.00	15.54 -2.04 0.00	17.92 -2.49 0.00	23.35 -3.11 0.00	32.83 -4.58 0.00	72.49 -9.22 0.00	38.79 -5.20 0.00	26.64 -3.74 0.00	21.41 -2.87 0.00	18.17 -2.35 0.41	18.92 -1.86 0.00
NIAGARA_115E_LBMP 323715	15.28 -2.03 1.04	17.04 -2.13 -0.14	14.81 -1.84 -0.02	16.13 -1.84 0.00	16.36 -1.89 0.00	17.33 -2.05 0.00	18.10 -2.25 0.00	27.56 -3.84 0.00	30.17 -4.14 0.00	26.44 -3.25 0.00	21.39 -2.36 0.00	17.73 -2.15 0.00	16.37 -2.19 0.00	16.43 -2.29 0.00	15.57 -2.02 0.00	17.96 -2.46 0.00	23.40 -3.06 0.00	32.91 -4.49 0.00	72.74 -8.97 0.00	38.93 -5.06 0.00	26.73 -3.64 0.00	21.50 -2.79 0.00	18.24 -2.28 0.41	18.93 -1.84 0.00
NIAGARA_115W_LBMP 323714	15.24 -2.08 1.03	16.90 -2.26 -0.13	14.67 -1.98 -0.02	15.99 -1.98 0.00	16.21 -2.03 0.00	17.18 -2.20 0.00	17.96 -2.39 0.00	27.41 -3.98 0.00	30.01 -4.30 0.00	26.30 -3.39 0.00	21.27 -2.48 0.00	17.64 -2.25 0.00	16.28 -2.28 0.00	16.36 -2.36 0.00	15.50 -2.08 0.00	17.88 -2.54 0.00	23.29 -3.17 0.00	32.73 -4.67 0.00	72.29 -9.42 0.00	38.69 -5.31 0.00	26.56 -3.81 0.00	21.35 -2.93 0.00	18.13 -2.39 0.41	18.88 -1.90 0.00
NIAGARA_230_LBMP 323716	15.46 -1.88 1.00	17.19 -1.98 -0.13	14.92 -1.73 -0.02	16.26 -1.72 0.00	16.48 -1.77 0.00	17.47 -1.91 0.00	18.26 -2.09 0.00	27.88 -3.51 0.00	30.50 -3.80 0.00	26.71 -2.98 0.00	21.60 -2.15 0.00	17.92 -1.96 0.00	16.54 -2.01 0.00	16.65 -2.07 0.00	15.76 -1.82 0.00	18.20 -2.22 0.00	23.67 -2.78 0.00	33.32 -4.09 0.00	73.57 -8.15 0.00	39.36 -4.63 0.00	27.01 -3.35 0.00	21.72 -2.57 0.00	18.41 -2.12 0.40	19.12 -1.66 0.00
NIAGARA___115KV_198_GIBSON 55903	15.23 -2.09 1.03	16.89 -2.28 -0.13	14.67 -1.98 -0.02	16.00 -1.97 0.00	16.20 -2.04 0.00	17.18 -2.20 0.00	17.97 -2.38 0.00	27.41 -3.98 0.00	30.00 -4.31 0.00	26.30 -3.39 0.00	21.27 -2.48 0.00	17.65 -2.23 0.00	16.27 -2.28 0.00	16.36 -2.36 0.00	15.51 -2.07 0.00	17.88 -2.54 0.00	23.29 -3.17 0.00	32.74 -4.67 0.00	72.29 -9.42 0.00	38.69 -5.30 0.00	26.56 -3.81 0.00	21.35 -2.94 0.00	18.54 -2.39 0.00	18.88 -1.90 0.00
NIAGARA____ 23760	15.45 -1.88 1.01	17.19 -1.98 -0.13	14.92 -1.73 -0.02	16.26 -1.72 0.00	16.48 -1.77 0.00	17.47 -1.91 0.00	18.26 -2.09 0.00	27.88 -3.51 0.00	30.50 -3.80 0.00	26.71 -2.98 0.00	21.60 -2.15 0.00	17.92 -1.96 0.00	16.54 -2.01 0.00	16.65 -2.07 0.00	15.76 -1.82 0.00	18.20 -2.22 0.00	23.67 -2.78 0.00	33.32 -4.09 0.00	73.57 -8.15 0.00	39.36 -4.63 0.00	27.01 -3.35 0.00	21.72 -2.57 0.00	18.41 -2.12 0.40	19.12 -1.66 0.00
NINE_MILE_1 23575	17.62 -0.73 0.00	18.37 -0.73 -0.07	16.00 -0.64 -0.01	17.30 -0.67 0.00	17.56 -0.68 0.00	18.64 -0.74 0.00	19.57 -0.78 0.00	30.10 -1.29 0.00	32.86 -1.44 0.00	28.49 -1.20 0.00	22.84 -0.91 0.00	19.12 -0.76 0.00	17.82 -0.74 0.00	17.98 -0.74 0.00	16.88 -0.71 0.00	19.50 -0.92 0.00	25.24 -1.21 0.00	35.73 -1.68 0.00	78.25 -3.47 0.00	42.00 -1.99 0.00	28.98 -1.39 0.00	23.19 -1.10 0.00	20.06 -0.88 0.00	20.12 -0.66 0.00
NINE_MILE_2 23744	17.62 -0.72 0.00	18.37 -0.73 -0.07	16.01 -0.64 -0.01	17.31 -0.66 0.00	17.56 -0.68 0.00	18.64 -0.74 0.00	19.58 -0.77 0.00	30.11 -1.28 0.00	32.86 -1.44 0.00	28.49 -1.20 0.00	22.84 -0.91 0.00	19.13 -0.76 0.00	17.82 -0.73 0.00	17.99 -0.74 0.00	16.88 -0.70 0.00	19.50 -0.91 0.00	25.24 -1.21 0.00	35.74 -1.67 0.00	78.25 -3.46 0.00	42.01 -1.98 0.00	28.98 -1.39 0.00	23.19 -1.09 0.00	20.06 -0.88 0.00	20.12 -0.66 0.00
NM_CAPITAL___DRP 24208	19.14 0.80 0.00	20.96 0.87 -1.06	17.59 0.78 -0.18	18.80 0.83 0.00	19.07 0.83 0.00	20.23 0.85 0.00	21.18 0.83 0.00	32.28 0.89 0.00	35.06 0.76 0.00	30.31 0.62 0.00	24.34 0.59 0.00	20.38 0.50 0.00	19.03 0.48 0.00	19.24 0.52 0.00	18.16 0.58 0.00	20.97 0.55 0.00	27.11 0.66 0.00	38.54 1.13 0.00	84.09 2.37 0.00	45.07 1.08 0.00	31.12 0.75 0.00	24.84 0.56 0.00	21.48 0.55 0.00	21.34 0.55 0.00
NM_CENTRAL___DRP 24181	17.85 -0.49 0.00	18.64 -0.48 -0.09	16.23 -0.42 -0.02	17.55 -0.43 0.00	17.80 -0.44 0.00	18.89 -0.49 0.00	19.85 -0.50 0.00	30.50 -0.89 0.00	33.30 -1.00 0.00	28.87 -0.82 0.00	23.16 -0.59 0.00	19.40 -0.49 0.00	18.07 -0.49 0.00	18.25 -0.48 0.00	17.14 -0.44 0.00	19.79 -0.62 0.00	25.63 -0.82 0.00	36.30 -1.10 0.00	79.58 -2.13 0.00	42.67 -1.32 0.00	29.43 -0.94 0.00	23.55 -0.73 0.00	20.37 -0.56 0.00	20.45 -0.33 0.00
NM_FRONTIER___DRP 24179	15.23 -2.09 1.03	16.89 -2.28 -0.13	14.67 -1.98 -0.02	16.00 -1.97 0.00	16.20 -2.04 0.00	17.18 -2.20 0.00	17.97 -2.38 0.00	27.41 -3.98 0.00	30.00 -4.31 0.00	26.30 -3.39 0.00	21.27 -2.48 0.00	17.65 -2.23 0.00	16.27 -2.28 0.00	16.36 -2.36 0.00	15.51 -2.07 0.00	17.88 -2.54 0.00	23.29 -3.17 0.00	32.74 -4.67 0.00	72.29 -9.42 0.00	38.69 -5.30 0.00	26.56 -3.81 0.00	21.35 -2.94 0.00	18.54 -2.39 0.00	18.88 -1.90 0.00
NM_ST_REGIS___HYD 24053	17.88 -0.46 0.00	18.49 -0.54 0.00	16.13 -0.50 0.00	17.35 -0.62 0.00	17.63 -0.61 0.00	18.78 -0.59 0.00	19.75 -0.60 0.00	31.00 -0.39 0.00	34.18 -0.12 0.00	29.67 -0.02 0.00	23.60 -0.15 0.00	19.72 -0.16 0.00	18.41 -0.14 0.00	18.50 -0.23 0.00	17.30 -0.28 0.00	20.50 0.09 0.00	26.50 0.04 0.00	37.54 0.14 0.00	82.04 0.32 0.00	44.35 0.35 0.00	30.42 0.06 0.00	24.28 -0.01 0.00	20.86 -0.06 0.00	20.44 -0.34 0.00

NORTHPORT___1 23551	19.75 1.41 0.00	21.50 1.60 -0.87	19.02 1.45 -0.93	19.54 1.57 0.00	44.58 1.55 -24.78	20.94 1.56 0.00	22.32 1.76 -0.21	33.65 2.26 0.00	183.95 2.10 -147.55	49.54 1.82 -18.03	25.25 1.49 0.00	21.12 1.24 0.00	19.88 1.32 0.00	20.11 1.38 0.00	18.98 1.40 0.00	21.82 1.41 0.00	28.13 1.68 0.00	39.77 2.37 0.00	85.93 5.06 0.85	46.20 2.20 0.00	32.12 1.75 0.00	25.95 1.67 0.00	22.34 1.40 0.00	22.24 1.46 0.00
NORTHPORT___2 23552	19.73 1.39 0.00	21.50 1.60 -0.87	19.02 1.46 -0.93	19.55 1.58 0.00	44.59 1.57 -24.78	20.94 1.56 0.00	22.34 1.78 -0.21	33.65 2.25 0.00	183.86 2.02 -147.55	49.42 1.71 -18.03	25.18 1.43 0.00	21.04 1.16 0.00	19.82 1.27 0.00	20.06 1.33 0.00	18.94 1.36 0.00	21.78 1.36 0.00	28.06 1.61 0.00	20.16 2.21 19.46	53.01 4.74 33.44	39.01 2.03 7.01	12.33 1.66 19.70	25.91 1.63 0.00	22.28 1.35 0.00	22.20 1.42 0.00
NORTHPORT___3 23553	19.60 1.26 0.00	21.32 1.41 -0.87	18.84 1.28 -0.93	19.34 1.37 0.00	44.37 1.35 -24.78	20.72 1.34 0.00	22.06 1.50 -0.21	33.25 1.86 0.00	183.70 1.87 -147.53	49.41 1.69 -18.03	25.15 1.40 0.00	21.08 1.20 0.00	19.80 1.25 0.00	20.02 1.29 0.00	18.89 1.30 0.00	21.70 1.29 0.00	27.87 1.41 0.00	39.46 2.06 0.00	85.11 4.35 0.95	45.86 1.87 0.00	31.85 1.48 0.00	25.75 1.46 0.00	22.20 1.27 0.00	22.11 1.33 0.00
NORTHPORT___4 23650	19.60 1.26 0.00	21.32 1.41 -0.87	18.84 1.28 -0.93	19.34 1.37 0.00	44.37 1.35 -24.78	20.72 1.34 0.00	22.06 1.50 -0.21	33.25 1.86 0.00	183.70 1.87 -147.53	49.41 1.69 -18.03	25.15 1.40 0.00	21.08 1.20 0.00	19.80 1.25 0.00	20.02 1.29 0.00	18.89 1.30 0.00	21.70 1.29 0.00	27.87 1.41 0.00	39.46 2.06 0.00	85.11 4.35 0.95	45.86 1.87 0.00	31.85 1.48 0.00	25.75 1.46 0.00	22.20 1.27 0.00	22.11 1.33 0.00
NORTHPORT___IC 23718	19.73 1.39 0.00	21.50 1.60 -0.87	19.02 1.46 -0.93	19.55 1.58 0.00	44.59 1.57 -24.78	20.94 1.56 0.00	22.34 1.78 -0.21	33.65 2.25 0.00	183.86 2.02 -147.55	49.42 1.71 -18.03	25.18 1.43 0.00	21.04 1.16 0.00	19.82 1.27 0.00	20.06 1.33 0.00	18.94 1.36 0.00	21.78 1.36 0.00	28.06 1.61 0.00	20.16 2.21 19.46	53.01 4.74 33.44	39.01 2.03 7.01	12.33 1.66 19.70	25.91 1.63 0.00	22.28 1.35 0.00	22.20 1.42 0.00
NORTH___COUNTRY_ESR 323785	17.75 -0.59 0.00	18.46 -0.57 0.00	16.06 -0.57 0.00	17.20 -0.78 0.00	17.57 -0.67 0.00	18.89 -0.49 0.00	19.91 -0.44 0.00	31.09 -0.30 0.00	34.34 0.04 0.00	30.02 0.33 0.00	23.93 0.18 0.00	19.97 0.08 0.00	18.65 0.09 0.00	18.74 0.01 0.00	17.63 0.05 0.00	21.05 0.63 0.00	27.40 0.94 0.00	38.73 1.32 0.00	84.29 2.58 0.00	45.22 1.23 0.00	30.74 0.37 0.00	24.35 0.06 0.00	20.80 -0.13 0.00	20.38 -0.40 0.00
NPX_GEN_1385_PROXY 323591	19.61 1.27 0.00	21.50 1.60 -0.87	19.02 1.46 -0.93	19.66 1.69 0.00	44.72 1.69 -24.78	20.94 1.56 0.00	22.48 1.94 -0.18	33.55 2.16 0.00	188.50 1.22 -152.98	-145.18 0.89 175.76	24.83 1.08 0.00	20.54 0.65 0.00	19.56 1.01 0.00	19.84 1.12 0.00	18.78 1.19 0.00	21.64 1.22 0.00	28.00 1.55 0.00	19.73 1.78 19.46	52.73 4.46 33.44	39.08 2.10 7.01	12.12 1.46 19.70	25.90 1.62 0.00	22.30 1.17 -0.21	22.07 1.29 0.00
NPX_GEN_CSC 323557	19.89 1.55 0.00	21.71 1.81 -0.87	19.23 1.67 -0.93	19.77 1.79 0.00	44.80 1.78 -24.78	21.21 1.83 0.00	22.57 2.04 -0.18	34.08 2.68 0.00	189.16 2.48 -152.38	52.19 2.20 -20.30	25.47 1.72 0.00	21.22 1.34 0.00	19.96 1.40 0.00	20.21 1.49 0.00	19.11 1.53 0.00	21.97 1.56 0.00	28.49 2.04 0.00	40.36 2.96 0.00	87.25 6.41 0.87	46.74 2.74 0.00	32.43 2.07 0.00	26.26 1.98 0.00	22.82 1.68 -0.21	22.49 1.71 0.00
NSINS_S_GLNS_FALLS 23858	19.36 1.02 0.00	21.25 1.13 -1.09	17.79 0.98 -0.18	19.02 1.05 0.00	19.29 1.05 0.00	20.51 1.13 0.00	21.58 1.23 0.00	33.04 1.65 0.00	35.75 1.45 0.00	30.89 1.20 0.00	24.76 1.01 0.00	20.79 0.91 0.00	19.40 0.84 0.00	19.56 0.84 0.00	18.50 0.91 0.00	21.54 1.13 0.00	27.92 1.46 0.00	39.72 2.32 0.00	86.69 4.97 0.00	46.42 2.42 0.00	31.95 1.58 0.00	25.37 1.09 0.00	21.88 0.95 0.00	21.67 0.89 0.00
NUCOR_STEEL___DRP 24197	18.57 -0.28 -0.50	18.91 -0.24 -0.12	16.44 -0.21 -0.02	17.77 -0.20 0.00	18.04 -0.21 0.00	19.08 -0.30 0.00	20.14 -0.21 0.00	30.98 -0.41 0.00	33.68 -0.63 0.00	29.26 -0.43 0.00	23.49 -0.26 0.00	19.67 -0.21 0.00	18.30 -0.26 0.00	18.47 -0.25 0.00	17.39 -0.19 0.00	20.11 -0.31 0.00	26.02 -0.43 0.00	36.88 -0.53 0.00	80.93 -0.79 0.00	43.29 -0.71 0.00	29.75 -0.62 0.00	23.94 -0.34 0.00	20.66 -0.27 0.00	20.73 -0.04 0.00
NUMBER_THREE_WT_PWR 323818	17.51 -0.83 0.00	18.14 -0.93 -0.04	15.83 -0.81 -0.01	17.06 -0.92 0.00	17.32 -0.93 0.00	18.46 -0.91 0.00	19.43 -0.91 0.00	30.09 -1.30 0.00	33.00 -1.31 0.00	28.55 -1.14 0.00	22.86 -0.90 0.00	19.36 -0.53 0.00	17.95 -0.61 0.00	17.88 -0.84 0.00	16.71 -0.88 0.00	19.36 -1.06 0.00	25.19 -1.26 0.00	36.23 -1.18 0.00	80.84 -0.88 0.00	43.77 -0.22 0.00	30.18 -0.18 0.00	24.12 -0.17 0.00	20.63 -0.31 0.00	20.62 -0.16 0.00
NYISO_LBMP_REFERENCE 24008	18.34 0.00 0.00	19.03 0.00 0.00	16.63 0.00 0.00	17.97 0.00 0.00	18.24 0.00 0.00	19.38 0.00 0.00	20.35 0.00 0.00	31.39 0.00 0.00	34.31 0.00 0.00	29.69 0.00 0.00	23.75 0.00 0.00	19.88 0.00 0.00	18.56 0.00 0.00	18.72 0.00 0.00	17.58 0.00 0.00	20.42 0.00 0.00	26.45 0.00 0.00	37.41 0.00 0.00	81.71 0.00 0.00	44.00 0.00 0.00	30.37 0.00 0.00	24.28 0.00 0.00	20.93 0.00 0.00	20.78 0.00 0.00
NYPA_BRENTWD___GT 24164	19.91 1.57 0.00	21.67 1.77 -0.87	19.17 1.61 -0.93	19.69 1.72 0.00	44.73 1.71 -24.78	21.11 1.73 0.00	22.51 1.95 -0.21	33.92 2.53 0.00	182.60 2.10 -146.20	49.56 1.85 -18.03	25.44 1.70 0.00	21.31 1.42 0.00	20.04 1.49 0.00	20.29 1.56 0.00	19.15 1.57 0.00	22.02 1.60 0.00	28.39 1.94 0.00	40.21 2.80 0.00	86.88 6.02 0.85	46.69 2.69 0.00	32.44 2.07 0.00	26.20 1.91 0.00	22.54 1.61 0.00	22.44 1.66 0.00
NYPA_GOWANUS___GT5 24156	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.09 4.37 0.00	45.92 1.93 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00
NYPA_GOWANUS___GT6 24157	19.54 1.20 0.00	21.23 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.43 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.09 4.37 0.00	45.92 1.93 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00

NYPA_HARLEM__RVR__GT1 24160	19.52 1.17 0.00	21.23 1.33 -0.87	17.98 1.20 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.13 1.74 0.00	36.07 1.77 0.00	31.35 1.66 0.00	25.14 1.39 0.00	21.10 1.22 0.00	19.86 1.31 0.00	19.97 1.24 0.00	18.82 1.24 0.00	21.52 1.10 0.00	27.73 1.28 0.00	39.27 1.86 0.00	85.91 4.20 0.00	45.83 1.84 0.00	31.90 1.53 0.00	25.48 1.20 0.00	22.01 1.08 0.00	22.00 1.22 0.00
NYPA_HARLEM__RVR__GT2 24161	19.52 1.17 0.00	21.23 1.33 -0.87	17.98 1.20 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.13 1.74 0.00	36.07 1.77 0.00	31.35 1.66 0.00	25.14 1.39 0.00	21.10 1.22 0.00	19.86 1.31 0.00	19.97 1.24 0.00	18.82 1.24 0.00	21.52 1.10 0.00	27.73 1.28 0.00	39.27 1.86 0.00	85.91 4.20 0.00	45.83 1.84 0.00	31.90 1.53 0.00	25.48 1.20 0.00	22.01 1.08 0.00	22.00 1.22 0.00
NYPA_KENT____GT 24152	19.53 1.18 0.00	21.21 1.31 -0.87	17.92 1.14 -0.15	19.19 1.22 0.00	19.43 1.18 0.00	20.61 1.23 0.00	21.73 1.38 0.00	33.16 1.77 0.00	36.04 1.73 0.00	31.32 1.63 0.00	25.16 1.41 0.00	21.12 1.24 0.00	19.82 1.27 0.00	19.98 1.26 0.00	18.83 1.25 0.00	21.56 1.14 0.00	27.78 1.33 0.00	39.34 1.93 0.00	85.99 4.27 0.00	45.89 1.89 0.00	31.92 1.55 0.00	25.55 1.26 0.00	22.07 1.14 0.00	22.04 1.26 0.00
NYPA_POUCH1____GT 24155	19.48 1.14 0.00	21.17 1.27 -0.87	17.85 1.07 -0.15	19.17 1.20 0.00	19.40 1.16 0.00	20.58 1.21 0.00	21.70 1.35 0.00	33.12 1.73 0.00	35.97 1.67 0.00	31.24 1.55 0.00	25.09 1.34 0.00	21.07 1.18 0.00	19.78 1.23 0.00	19.94 1.21 0.00	18.77 1.19 0.00	21.50 1.08 0.00	27.72 1.26 0.00	39.22 1.82 0.00	85.79 4.07 0.00	45.77 1.78 0.00	31.88 1.51 -0.01	25.53 1.24 -0.01	22.06 1.13 0.00	22.02 1.24 0.00
NYPA_VERNON____GT2 24162	19.51 1.17 0.00	21.21 1.30 -0.87	17.93 1.15 -0.15	19.18 1.21 0.00	19.41 1.17 0.00	20.60 1.22 0.00	21.71 1.36 0.00	33.13 1.74 0.00	36.00 1.70 0.00	31.30 1.61 0.00	25.14 1.39 0.00	21.10 1.21 0.00	19.80 1.25 0.00	19.96 1.23 0.00	18.81 1.23 0.00	21.54 1.12 0.00	27.75 1.30 0.00	39.30 1.90 0.00	85.93 4.22 0.00	45.85 1.85 0.00	31.87 1.49 0.00	25.50 1.21 0.00	22.03 1.10 0.00	22.00 1.22 0.00
NYPA_VERNON____GT3 24163	19.51 1.17 0.00	21.21 1.30 -0.87	17.93 1.15 -0.15	19.18 1.21 0.00	19.41 1.17 0.00	20.60 1.22 0.00	21.71 1.36 0.00	33.13 1.74 0.00	36.00 1.70 0.00	31.30 1.61 0.00	25.14 1.39 0.00	21.10 1.21 0.00	19.80 1.25 0.00	19.96 1.23 0.00	18.81 1.23 0.00	21.54 1.12 0.00	27.75 1.30 0.00	39.30 1.90 0.00	85.93 4.22 0.00	45.85 1.85 0.00	31.87 1.49 0.00	25.50 1.21 0.00	22.03 1.10 0.00	22.00 1.22 0.00
NYPA__ASTORIA_CC1 323568	19.48 1.14 0.00	21.18 1.28 -0.87	17.91 1.13 -0.15	19.15 1.18 0.00	19.39 1.15 0.00	20.58 1.20 0.00	21.68 1.34 0.00	33.08 1.69 0.00	35.95 1.65 0.00	31.25 1.56 0.00	25.10 1.35 0.00	21.06 1.18 0.00	19.77 1.22 0.00	19.92 1.20 0.00	18.78 1.20 0.00	21.50 1.08 0.00	27.70 1.25 0.00	39.25 1.85 0.00	85.82 4.11 0.00	45.78 1.79 0.00	31.81 1.44 0.00	25.45 1.17 0.00	21.99 1.05 0.00	21.97 1.19 0.00
NYPA__ASTORIA_CC2 323569	19.48 1.14 0.00	21.18 1.28 -0.87	17.91 1.13 -0.15	19.15 1.18 0.00	19.39 1.15 0.00	20.58 1.20 0.00	21.68 1.34 0.00	33.08 1.69 0.00	35.95 1.65 0.00	31.25 1.56 0.00	25.10 1.35 0.00	21.06 1.18 0.00	19.77 1.22 0.00	19.92 1.20 0.00	18.78 1.20 0.00	21.50 1.08 0.00	27.70 1.25 0.00	39.25 1.85 0.00	85.82 4.11 0.00	45.78 1.79 0.00	31.81 1.44 0.00	25.45 1.17 0.00	21.99 1.05 0.00	21.97 1.19 0.00
NYPA__HOLTSVILL 23794	19.82 1.48 0.00	21.59 1.69 -0.87	19.10 1.54 -0.93	19.63 1.66 0.00	44.67 1.64 -24.78	21.05 1.67 0.00	22.44 1.87 -0.21	33.84 2.44 0.00	183.57 2.27 -147.00	49.71 1.99 -18.03	25.35 1.60 0.00	21.21 1.32 0.00	19.96 1.40 0.00	20.20 1.47 0.00	19.07 1.49 0.00	21.92 1.50 0.00	28.28 1.83 0.00	40.05 2.65 0.00	86.55 5.70 0.87	46.50 2.51 0.00	32.30 1.93 0.00	26.10 1.81 0.00	22.46 1.53 0.00	22.35 1.57 0.00
NYPA__HELLGATE_GT1 24158	19.52 1.17 0.00	21.23 1.33 -0.87	17.98 1.20 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.13 1.74 0.00	36.07 1.77 0.00	31.35 1.66 0.00	25.14 1.39 0.00	21.10 1.22 0.00	19.86 1.31 0.00	19.97 1.24 0.00	18.82 1.24 0.00	21.52 1.10 0.00	27.73 1.28 0.00	39.27 1.86 0.00	85.91 4.20 0.00	45.83 1.84 0.00	31.90 1.53 0.00	25.48 1.20 0.00	22.01 1.08 0.00	22.00 1.22 0.00
NYPA__HELLGATE_GT2 24159	19.52 1.17 0.00	21.23 1.33 -0.87	17.98 1.20 -0.15	19.20 1.23 0.00	19.44 1.20 0.00	20.63 1.25 0.00	21.72 1.37 0.00	33.13 1.74 0.00	36.07 1.77 0.00	31.35 1.66 0.00	25.14 1.39 0.00	21.10 1.22 0.00	19.86 1.31 0.00	19.97 1.24 0.00	18.82 1.24 0.00	21.52 1.10 0.00	27.73 1.28 0.00	39.27 1.86 0.00	85.91 4.20 0.00	45.83 1.84 0.00	31.90 1.53 0.00	25.48 1.20 0.00	22.01 1.08 0.00	22.00 1.22 0.00
NYS_BARGE__HYD 23848	15.57 -1.77 1.00	17.30 -1.86 -0.13	15.03 -1.62 -0.02	16.37 -1.60 0.00	16.60 -1.64 0.00	17.61 -1.77 0.00	18.40 -1.95 0.00	28.06 -3.33 0.00	30.72 -3.58 0.00	26.92 -2.77 0.00	21.77 -1.98 0.00	18.03 -1.86 0.00	16.63 -1.92 0.00	16.70 -2.03 0.00	15.82 -1.77 0.00	18.25 -2.16 0.00	23.81 -2.64 0.00	33.55 -3.86 0.00	74.19 -7.52 0.00	39.70 -4.30 0.00	27.25 -3.12 0.00	21.91 -2.38 0.00	18.61 -1.95 0.38	19.28 -1.50 0.00
OAK ORCHARD__HYD 24046	16.44 -1.11 0.80	18.00 -1.15 -0.12	15.64 -1.01 -0.02	16.98 -1.00 0.00	17.22 -1.03 0.00	18.27 -1.11 0.00	19.15 -1.19 0.00	29.38 -2.01 0.00	32.12 -2.18 0.00	27.99 -1.70 0.00	22.57 -1.18 0.00	18.79 -1.10 0.00	17.41 -1.15 0.00	17.54 -1.19 0.00	16.54 -1.04 0.00	19.11 -1.31 0.00	24.85 -1.60 0.00	35.17 -2.23 0.00	77.46 -4.25 0.00	41.46 -2.54 0.00	28.50 -1.87 0.00	22.84 -1.44 0.00	19.54 -1.19 0.20	19.92 -0.86 0.00
OAKDALE__35_KV_LOAD 356122	17.72 -0.30 0.33	19.15 -0.17 -0.29	16.48 -0.19 -0.05	17.81 -0.16 0.00	18.06 -0.18 0.00	19.14 -0.23 0.00	20.11 -0.23 0.00	30.88 -0.51 0.00	33.73 -0.58 0.00	29.32 -0.37 0.00	23.52 -0.23 0.00	19.67 -0.22 0.00	18.30 -0.26 0.00	18.54 -0.18 0.00	17.42 -0.16 0.00	20.16 -0.26 0.00	26.11 -0.35 0.00	36.91 -0.50 0.00	81.06 -0.65 0.00	43.36 -0.64 0.00	29.87 -0.50 0.00	23.97 -0.31 0.00	20.71 -0.22 0.00	20.77 -0.01 0.00
OCC_CHEM__DRP 24175	15.26 -2.05 1.03	16.93 -2.24 -0.13	14.71 -1.94 -0.02	16.04 -1.93 0.00	16.24 -2.01 0.00	17.22 -2.16 0.00	18.01 -2.34 0.00	27.48 -3.91 0.00	30.07 -4.23 0.00	26.37 -3.32 0.00	21.32 -2.43 0.00	17.70 -2.19 0.00	16.31 -2.25 0.00	16.40 -2.33 0.00	15.55 -2.04 0.00	17.92 -2.50 0.00	23.35 -3.11 0.00	32.83 -4.57 0.00	72.49 -9.22 0.00	38.79 -5.21 0.00	26.64 -3.73 0.00	21.40 -2.88 0.00	18.58 -2.35 0.00	18.92 -1.86 0.00

OH_GEN_PROXY 24063	15.49 -1.85 1.01	17.23 -1.93 -0.13	14.96 -1.69 -0.02	16.30 -1.68 0.00	16.51 -1.73 0.00	17.51 -1.87 0.00	18.28 -2.04 0.03	27.97 -3.42 0.00	36.04 -3.69 -5.43	29.08 -2.88 -2.28	21.67 -2.08 0.00	17.98 -1.91 0.00	16.61 -1.95 0.00	16.72 -2.00 0.00	15.82 -1.76 0.00	18.27 -2.14 0.00	23.77 -2.68 0.00	33.45 -3.96 0.00	73.88 -7.83 0.00	39.51 -4.48 0.00	27.11 -3.26 0.00	21.79 -2.49 0.00	18.66 -2.06 0.21	19.16 -1.62 0.00
OLIN_CORP_DRP 24177	15.30 -2.00 1.05	17.06 -2.10 -0.14	14.84 -1.82 -0.02	16.18 -1.80 0.00	16.37 -1.87 0.00	17.37 -2.01 0.00	18.15 -2.20 0.00	27.65 -3.75 0.00	30.24 -4.06 0.00	26.52 -3.17 0.00	21.45 -2.30 0.00	17.79 -2.09 0.00	16.41 -2.15 0.00	16.47 -2.25 0.00	15.62 -1.97 0.00	18.00 -2.41 0.00	23.46 -2.99 0.00	33.01 -4.39 0.00	72.92 -8.79 0.00	39.04 -4.96 0.00	26.80 -3.57 0.00	21.54 -2.74 0.00	18.69 -2.24 0.00	18.97 -1.81 0.00
OLIN_CORP_DSASP 323712	15.27 -2.04 1.03	16.95 -2.22 -0.13	14.71 -1.94 -0.02	16.03 -1.94 0.00	16.25 -1.99 0.00	17.22 -2.16 0.00	18.01 -2.34 0.00	27.48 -3.91 0.00	30.08 -4.22 0.00	26.36 -3.33 0.00	21.32 -2.43 0.00	17.68 -2.20 0.00	16.31 -2.24 0.00	16.40 -2.32 0.00	15.54 -2.04 0.00	17.92 -2.49 0.00	23.35 -3.11 0.00	32.83 -4.58 0.00	72.49 -9.22 0.00	38.79 -5.20 0.00	26.64 -3.74 0.00	21.41 -2.87 0.00	18.17 -2.35 0.41	18.92 -1.86 0.00
ONEIDA_HERK_LFGE 323681	18.26 -0.08 0.00	18.96 -0.10 -0.03	16.55 -0.09 0.00	17.87 -0.11 0.00	18.13 -0.11 0.00	19.29 -0.09 0.00	20.29 -0.05 0.00	31.32 -0.08 0.00	34.27 -0.04 0.00	29.65 -0.04 0.00	23.71 -0.04 0.00	19.93 0.05 0.00	18.55 0.00 0.00	18.66 -0.07 0.00	17.50 -0.08 0.00	20.29 -0.13 0.00	26.33 -0.12 0.00	37.52 0.12 0.00	82.72 1.01 0.00	44.57 0.57 0.00	30.74 0.37 0.00	24.56 0.27 0.00	21.10 0.17 0.00	21.02 0.24 0.00
ONEIDA___115KV_TB4 55905	18.53 0.19 0.00	19.32 0.23 -0.06	16.83 0.19 -0.01	18.19 0.22 0.00	18.45 0.21 0.00	19.61 0.23 0.00	20.64 0.29 0.00	31.78 0.39 0.00	34.73 0.42 0.00	30.04 0.35 0.00	23.99 0.24 0.00	20.09 0.20 0.00	18.75 0.19 0.00	18.98 0.25 0.00	17.85 0.26 0.00	20.69 0.28 0.00	26.84 0.39 0.00	38.04 0.63 0.00	83.40 1.69 0.00	44.74 0.75 0.00	30.85 0.48 0.00	24.67 0.38 0.00	21.26 0.33 0.00	21.19 0.41 0.00
ONONDAGA_REF_OCCRA 23987	18.33 -0.37 -0.36	18.80 -0.34 -0.11	16.34 -0.31 -0.02	17.67 -0.30 0.00	17.92 -0.32 0.00	19.03 -0.35 0.00	20.00 -0.35 0.00	30.74 -0.65 0.00	33.56 -0.74 0.00	29.09 -0.60 0.00	23.33 -0.42 0.00	19.53 -0.35 0.00	18.20 -0.36 0.00	18.39 -0.34 0.00	17.27 -0.31 0.00	19.96 -0.45 0.00	25.86 -0.59 0.00	36.63 -0.78 0.00	80.30 -1.41 0.00	43.05 -0.95 0.00	29.68 -0.69 0.00	23.75 -0.53 0.00	20.54 -0.39 0.00	20.60 -0.17 0.00
ONONDAGA___COGEN 23986	17.97 -0.37 0.00	18.78 -0.35 -0.10	16.33 -0.32 -0.02	17.66 -0.31 0.00	17.91 -0.33 0.00	19.01 -0.37 0.00	19.99 -0.36 0.00	30.73 -0.66 0.00	33.53 -0.77 0.00	29.07 -0.62 0.00	23.32 -0.43 0.00	19.53 -0.35 0.00	18.19 -0.37 0.00	18.37 -0.36 0.00	17.26 -0.32 0.00	19.94 -0.48 0.00	25.82 -0.63 0.00	36.55 -0.85 0.00	80.13 -1.59 0.00	42.95 -1.04 0.00	29.61 -0.76 0.00	23.71 -0.57 0.00	20.50 -0.43 0.00	20.58 -0.20 0.00
ONTARIO___LFGE 23819	15.83 -0.61 1.91	18.68 -0.49 -0.14	16.15 -0.50 -0.02	17.52 -0.46 0.00	17.79 -0.45 0.00	18.85 -0.53 0.00	19.85 -0.50 0.00	30.51 -0.88 0.00	33.27 -1.03 0.00	28.93 -0.75 0.00	23.18 -0.57 0.00	19.37 -0.52 0.00	18.01 -0.55 0.00	18.22 -0.51 0.00	17.13 -0.45 0.00	19.76 -0.66 0.00	25.68 -0.78 0.00	36.39 -1.01 0.00	79.95 -1.77 0.00	42.79 -1.20 0.00	29.51 -0.86 0.00	23.74 -0.54 0.00	20.52 -0.41 0.00	20.62 -0.16 0.00
ORANGEVILLE_WT_PWR 323706	15.25 -1.99 1.10	17.11 -2.06 -0.14	14.85 -1.80 -0.02	16.20 -1.77 0.00	16.43 -1.82 0.00	17.49 -1.89 0.00	18.38 -1.97 0.00	28.10 -3.29 0.00	30.74 -3.57 0.00	26.92 -2.77 0.00	21.78 -1.98 0.00	18.07 -1.82 0.00	16.60 -1.95 0.00	16.62 -2.11 0.00	15.67 -1.91 0.00	18.04 -2.38 0.00	23.57 -2.89 0.00	33.22 -4.19 0.00	73.55 -8.16 0.00	39.50 -4.50 0.00	27.23 -3.14 0.00	21.93 -2.35 0.00	18.62 -1.86 0.45	19.42 -1.36 0.00
ORANGEVILLE___ESR 323794	15.25 -1.99 1.10	17.11 -2.06 -0.14	14.85 -1.80 -0.02	16.20 -1.77 0.00	16.43 -1.82 0.00	17.49 -1.89 0.00	18.38 -1.97 0.00	28.10 -3.29 0.00	30.74 -3.57 0.00	26.92 -2.77 0.00	21.78 -1.98 0.00	18.07 -1.82 0.00	16.60 -1.95 0.00	16.62 -2.11 0.00	15.67 -1.91 0.00	18.04 -2.38 0.00	23.57 -2.89 0.00	33.22 -4.19 0.00	73.55 -8.16 0.00	39.50 -4.50 0.00	27.23 -3.14 0.00	21.93 -2.35 0.00	18.62 -1.86 0.45	19.42 -1.36 0.00
OSWEGATCHIE___HYD 24044	17.59 -0.76 0.00	18.20 -0.86 -0.03	15.88 -0.76 0.00	17.11 -0.86 0.00	17.36 -0.88 0.00	18.48 -0.89 0.00	19.43 -0.91 0.00	30.31 -1.08 0.00	33.33 -0.98 0.00	28.85 -0.84 0.00	23.01 -0.74 0.00	19.36 -0.53 0.00	18.01 -0.55 0.00	18.01 -0.71 0.00	16.81 -0.77 0.00	19.69 -0.73 0.00	25.51 -0.94 0.00	36.44 -0.96 0.00	80.42 -1.29 0.00	43.55 -0.45 0.00	29.99 -0.37 0.00	23.98 -0.31 0.00	20.58 -0.35 0.00	20.37 -0.41 0.00
OSWEGO___5 23606	17.72 -0.63 0.00	18.49 -0.62 -0.08	16.10 -0.54 -0.01	17.40 -0.57 0.00	17.66 -0.58 0.00	18.75 -0.63 0.00	19.69 -0.66 0.00	30.29 -1.10 0.00	33.07 -1.24 0.00	28.66 -1.02 0.00	22.99 -0.76 0.00	19.24 -0.64 0.00	17.93 -0.63 0.00	18.09 -0.63 0.00	16.99 -0.59 0.00	19.64 -0.78 0.00	25.42 -1.03 0.00	35.99 -1.41 0.00	78.82 -2.89 0.00	42.31 -1.69 0.00	29.19 -1.18 0.00	23.36 -0.93 0.00	20.19 -0.74 0.00	20.25 -0.53 0.00
OSWEGO___6 23613	17.72 -0.63 0.00	18.49 -0.62 -0.08	16.10 -0.54 -0.01	17.40 -0.57 0.00	17.66 -0.58 0.00	18.75 -0.63 0.00	19.69 -0.66 0.00	30.29 -1.10 0.00	33.07 -1.24 0.00	28.66 -1.02 0.00	22.99 -0.76 0.00	19.24 -0.64 0.00	17.93 -0.63 0.00	18.09 -0.63 0.00	16.99 -0.59 0.00	19.64 -0.78 0.00	25.42 -1.03 0.00	35.99 -1.41 0.00	78.82 -2.89 0.00	42.31 -1.69 0.00	29.19 -1.18 0.00	23.36 -0.93 0.00	20.19 -0.74 0.00	20.25 -0.53 0.00
OUTOKUMPU-AB___DRP 24206	15.60 -1.69 1.06	17.37 -1.80 -0.14	15.09 -1.57 -0.02	16.45 -1.52 0.00	16.65 -1.59 0.00	17.68 -1.70 0.00	18.50 -1.85 0.00	28.24 -3.15 0.00	30.93 -3.37 0.00	27.11 -2.58 0.00	21.92 -1.83 0.00	18.18 -1.71 0.00	16.75 -1.81 0.00	16.83 -1.89 0.00	15.94 -1.64 0.00	18.39 -2.03 0.00	23.97 -2.48 0.00	33.75 -3.65 0.00	74.67 -7.04 0.00	39.96 -4.04 0.00	27.43 -2.94 0.00	22.05 -2.24 0.00	19.12 -1.81 0.00	19.42 -1.36 0.00
OXBOW___BTM 323836	15.44 -1.86 1.04	17.16 -2.00 -0.14	14.90 -1.75 -0.02	16.24 -1.74 0.00	16.46 -1.78 0.00	17.45 -1.93 0.00	18.26 -2.09 0.00	27.87 -3.52 0.00	30.52 -3.78 0.00	26.75 -2.94 0.00	21.63 -2.12 0.00	17.94 -1.95 0.00	16.54 -2.01 0.00	16.62 -2.10 0.00	15.74 -1.84 0.00	18.17 -2.25 0.00	23.67 -2.78 0.00	33.31 -4.10 0.00	73.62 -8.09 0.00	39.39 -4.60 0.00	27.05 -3.32 0.00	21.75 -2.53 0.00	18.45 -2.07 0.42	19.18 -1.60 0.00

OXBOW____ 24026	15.43 -1.87 1.04	17.15 -2.02 -0.14	14.90 -1.75 -0.02	16.25 -1.73 0.00	16.45 -1.80 0.00	17.45 -1.93 0.00	18.26 -2.09 0.00	27.87 -3.52 0.00	30.52 -3.78 0.00	26.76 -2.94 0.00	21.63 -2.12 0.00	17.95 -1.94 0.00	16.54 -2.02 0.00	16.62 -2.10 0.00	15.75 -1.83 0.00	18.16 -2.25 0.00	23.67 -2.78 0.00	33.31 -4.09 0.00	73.62 -8.09 0.00	39.40 -4.60 0.00	27.05 -3.32 0.00	21.74 -2.55 0.00	18.86 -2.07 0.00	19.18 -1.60 0.00
OXY_CHEM_DSASP 323612	15.26 -2.05 1.03	16.93 -2.24 -0.13	14.71 -1.94 -0.02	16.04 -1.93 0.00	16.24 -2.01 0.00	17.22 -2.16 0.00	18.01 -2.34 0.00	27.48 -3.91 0.00	30.07 -4.23 0.00	26.37 -3.32 0.00	21.32 -2.43 0.00	17.70 -2.19 0.00	16.31 -2.25 0.00	16.40 -2.33 0.00	15.55 -2.04 0.00	17.92 -2.50 0.00	23.35 -3.11 0.00	32.83 -4.57 0.00	72.49 -9.22 0.00	38.79 -5.21 0.00	26.64 -3.73 0.00	21.40 -2.88 0.00	18.58 -2.35 0.00	18.92 -1.86 0.00
OZONE_PARK_ESR 323760	19.64 1.30 0.00	21.32 1.42 -0.87	18.03 1.25 -0.15	19.29 1.32 0.00	19.53 1.29 0.00	20.71 1.33 0.00	21.85 1.50 0.00	33.35 1.96 0.00	36.20 1.90 0.00	31.48 1.79 0.00	25.31 1.56 0.00	21.24 1.35 0.00	19.92 1.36 0.00	20.10 1.38 0.00	18.94 1.36 0.00	21.70 1.29 0.00	27.96 1.51 0.00	39.64 2.23 0.00	86.64 4.92 0.00	46.23 2.24 0.00	32.08 1.71 0.00	25.68 1.40 0.00	22.19 1.26 0.00	22.12 1.35 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.26 -2.05 1.03	16.93 -2.24 -0.13	14.71 -1.94 -0.02	16.04 -1.93 0.00	16.24 -2.01 0.00	17.22 -2.16 0.00	18.01 -2.34 0.00	27.48 -3.91 0.00	30.07 -4.23 0.00	26.37 -3.32 0.00	21.32 -2.43 0.00	17.70 -2.19 0.00	16.31 -2.25 0.00	16.40 -2.33 0.00	15.55 -2.04 0.00	17.92 -2.50 0.00	23.35 -3.11 0.00	32.83 -4.57 0.00	72.49 -9.22 0.00	38.79 -5.21 0.00	26.64 -3.73 0.00	21.40 -2.88 0.00	18.58 -2.35 0.00	18.92 -1.86 0.00
PACKARD__115KV_DUPONT_184 80571	15.26 -2.05 1.03	16.93 -2.24 -0.13	14.71 -1.94 -0.02	16.04 -1.93 0.00	16.24 -2.01 0.00	17.22 -2.16 0.00	18.01 -2.34 0.00	27.48 -3.91 0.00	30.07 -4.23 0.00	26.37 -3.32 0.00	21.32 -2.43 0.00	17.70 -2.19 0.00	16.31 -2.25 0.00	16.40 -2.33 0.00	15.55 -2.04 0.00	17.92 -2.50 0.00	23.35 -3.11 0.00	32.83 -4.57 0.00	72.49 -9.22 0.00	38.79 -5.21 0.00	26.64 -3.73 0.00	21.40 -2.88 0.00	18.58 -2.35 0.00	18.92 -1.86 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.48 1.13 0.00	21.22 1.31 -0.87	17.96 1.18 -0.15	19.19 1.22 0.00	19.43 1.19 0.00	20.62 1.24 0.00	21.71 1.37 0.00	33.14 1.74 0.00	36.07 1.76 0.00	31.32 1.63 0.00	25.12 1.37 0.00	21.08 1.19 0.00	19.80 1.24 0.00	19.90 1.17 0.00	18.75 1.17 0.00	21.46 1.05 0.00	27.67 1.21 0.00	39.22 1.81 0.00	85.81 4.09 0.00	45.78 1.79 0.00	31.83 1.46 0.00	25.41 1.12 0.00	21.94 1.01 0.00	21.93 1.15 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.51 1.17 0.00	21.32 1.42 -0.87	18.07 1.30 -0.15	19.30 1.33 0.00	19.53 1.29 0.00	20.74 1.36 0.00	21.84 1.49 0.00	33.37 1.97 0.00	36.34 2.04 0.00	31.54 1.85 0.00	25.25 1.50 0.00	21.20 1.31 0.00	19.89 1.34 0.00	19.97 1.24 0.00	18.83 1.24 0.00	21.54 1.13 0.00	27.76 1.31 0.00	39.37 1.96 0.00	86.13 4.42 0.00	45.95 1.95 0.00	31.93 1.56 0.00	25.48 1.19 0.00	21.99 1.06 0.00	21.99 1.21 0.00
PATROON__115KV_TB1 80586	19.16 0.81 0.00	20.97 0.88 -1.06	17.60 0.80 -0.18	18.80 0.83 0.00	19.08 0.84 0.00	20.23 0.85 0.00	21.19 0.84 0.00	32.30 0.91 0.00	35.09 0.78 0.00	30.35 0.66 0.00	24.37 0.62 0.00	20.40 0.52 0.00	19.05 0.49 0.00	19.25 0.52 0.00	18.17 0.59 0.00	20.99 0.57 0.00	27.15 0.70 0.00	38.58 1.17 0.00	84.21 2.49 0.00	45.14 1.15 0.00	31.15 0.78 0.00	24.87 0.58 0.00	21.49 0.56 0.00	21.35 0.57 0.00
PATTRSNVILLE__SOLAR 323815	19.07 0.73 0.00	20.93 0.78 -1.12	17.50 0.68 -0.19	18.70 0.73 0.00	18.98 0.73 0.00	20.15 0.77 0.00	21.17 0.82 0.00	32.52 1.12 0.00	35.44 1.13 0.00	30.66 0.97 0.00	24.55 0.80 0.00	20.58 0.69 0.00	19.14 0.59 0.00	19.29 0.57 0.00	18.18 0.60 0.00	21.13 0.72 0.00	27.40 0.95 0.00	38.85 1.44 0.00	84.85 3.14 0.00	45.52 1.53 0.00	31.40 1.04 0.00	25.09 0.81 0.00	21.66 0.73 0.00	21.53 0.75 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	15.90 -1.23 1.21	17.91 -1.27 -0.15	15.53 -1.12 -0.03	16.93 -1.04 0.00	17.14 -1.10 0.00	18.18 -1.20 0.00	19.03 -1.32 0.00	29.07 -2.32 0.00	31.81 -2.50 0.00	27.86 -1.83 0.00	22.52 -1.23 0.00	18.70 -1.19 0.00	17.29 -1.27 0.00	17.44 -1.28 0.00	16.47 -1.11 0.00	19.03 -1.39 0.00	24.73 -1.72 0.00	34.78 -2.62 0.00	76.90 -4.81 0.00	41.08 -2.91 0.00	28.21 -2.16 0.00	22.71 -1.57 0.00	19.70 -1.23 0.00	20.02 -0.76 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.55 1.21 0.00	21.22 1.31 -0.88	17.93 1.15 -0.15	19.20 1.23 0.00	19.45 1.20 0.00	20.63 1.25 0.00	21.73 1.39 0.00	33.23 1.84 0.00	36.14 1.84 0.00	31.33 1.65 0.00	25.17 1.41 0.00	21.08 1.19 0.00	19.73 1.18 0.00	19.93 1.21 0.00	18.78 1.20 0.00	21.62 1.20 0.00	27.91 1.46 0.00	39.65 2.25 0.00	86.67 4.96 0.00	46.27 2.28 0.00	32.02 1.65 0.00	25.63 1.35 0.00	22.14 1.21 0.00	22.04 1.26 0.00
PEEKSKILL____ 23653	19.33 0.98 0.00	20.97 1.07 -0.86	17.73 0.95 -0.14	18.98 1.01 0.00	19.22 0.98 0.00	20.38 1.01 0.00	21.47 1.12 0.00	32.81 1.41 0.00	35.68 1.38 0.00	30.94 1.25 0.00	24.88 1.13 0.00	20.84 0.95 0.00	19.51 0.95 0.00	19.70 0.98 0.00	18.58 0.99 0.00	21.36 0.94 0.00	27.56 1.11 0.00	39.11 1.70 0.00	85.51 3.79 0.00	45.66 1.66 0.00	31.61 1.24 0.00	25.33 1.05 0.00	21.89 0.96 0.00	21.82 1.04 0.00
PGE MADISON__WINDPWR 24146	20.97 0.52 -2.11	20.18 0.87 -0.28	17.40 0.73 -0.05	18.89 0.91 0.00	19.22 0.98 0.00	20.46 1.08 0.00	21.40 1.05 0.00	33.04 1.65 0.00	36.20 1.89 0.00	31.59 1.90 0.00	25.10 1.35 0.00	20.96 1.07 0.00	19.34 0.78 0.00	19.64 0.91 0.00	18.49 0.91 0.00	21.48 1.07 0.00	28.27 1.82 0.00	39.88 2.47 0.00	87.49 5.78 0.00	46.56 2.57 0.00	31.95 1.58 0.00	25.65 1.36 0.00	22.30 1.26 -0.11	22.25 1.47 0.00
PIERCEFIELD__HYD 23852	17.83 -0.51 0.00	18.43 -0.61 -0.02	16.08 -0.55 0.00	17.32 -0.65 0.00	17.58 -0.66 0.00	18.68 -0.70 0.00	19.62 -0.72 0.00	30.83 -0.56 0.00	33.96 -0.35 0.00	29.41 -0.28 0.00	23.37 -0.38 0.00	19.55 -0.34 0.00	18.24 -0.31 0.00	18.33 -0.40 0.00	17.13 -0.46 0.00	20.25 -0.17 0.00	26.10 -0.35 0.00	37.00 -0.40 0.00	80.91 -0.80 0.00	43.84 -0.15 0.00	30.16 -0.21 0.00	24.11 -0.17 0.00	20.77 -0.16 0.00	20.34 -0.43 0.00
PINELAWN_CC_1 323563	19.78 1.43 0.00	21.50 1.60 -0.87	19.01 1.45 -0.93	19.52 1.55 0.00	44.57 1.54 -24.78	20.93 1.55 0.00	22.31 1.75 -0.21	33.67 2.28 0.00	179.07 2.23 -142.54	49.66 1.94 -18.03	25.32 1.57 0.00	21.21 1.33 0.00	19.94 1.39 0.00	20.17 1.44 0.00	19.03 1.45 0.00	21.87 1.46 0.00	28.20 1.75 0.00	39.95 2.54 0.00	86.31 5.42 0.82	46.41 2.42 0.00	32.23 1.86 0.00	25.99 1.71 0.00	22.40 1.47 0.00	22.29 1.51 0.00

PJM_GEN_HTP_PROXY 323702	19.45 1.11 0.00	21.14 1.23 -0.87	17.88 1.10 -0.15	19.14 1.17 0.00	19.36 1.12 0.00	20.54 1.16 0.00	21.57 1.32 0.10	33.06 1.67 0.00	35.88 1.58 0.00	31.18 1.49 0.00	25.06 1.31 0.00	21.06 1.14 -0.04	19.58 1.16 0.13	19.91 1.18 0.00	18.76 1.17 0.00	21.16 1.08 0.33	27.83 1.23 -0.14	39.26 1.85 0.00	85.78 4.07 0.00	45.76 1.76 0.00	29.20 1.39 2.56	25.44 1.15 0.00	22.03 1.05 -0.06	21.92 1.15 0.00
PJM_GEN_KEystone 24065	17.17 -0.39 0.79	19.19 -0.31 -0.47	16.41 -0.30 -0.08	17.72 -0.26 0.00	17.94 -0.30 0.00	19.00 -0.38 0.00	19.85 -0.40 0.10	30.49 -0.90 0.00	33.30 -1.00 0.00	29.00 -0.69 0.00	23.38 -0.37 0.00	20.79 -0.38 -1.28	18.02 -0.40 0.13	18.30 -0.32 0.10	17.31 -0.12 0.15	19.84 -0.25 0.33	26.20 -0.39 -0.14	36.80 -0.60 0.00	81.03 -0.76 -0.08	43.83 -0.86 -0.69	27.18 -0.63 2.56	23.92 -0.36 0.00	20.36 -0.24 0.33	20.12 0.03 0.70
PJM_GEN_NEPTUNE_PROXY 323594	19.56 1.22 0.00	21.28 1.38 -0.87	18.81 1.25 -0.93	19.30 1.33 0.00	44.34 1.32 -24.78	20.69 1.31 0.00	21.94 1.48 -0.11	33.27 1.88 0.00	186.26 1.97 -149.99	49.50 1.78 -18.03	25.12 1.37 0.00	21.08 1.16 -0.04	19.63 1.21 0.13	19.98 1.25 0.00	18.84 1.26 0.00	21.33 1.24 0.33	28.04 1.45 -0.14	39.50 2.10 0.00	84.81 4.37 1.28	45.92 1.93 0.00	29.33 1.52 2.56	25.69 1.40 0.00	22.21 1.22 -0.06	22.05 1.27 0.00
PJM_GEN_VFT_PROXY 323633	19.41 1.07 0.00	21.10 1.20 -0.87	17.86 1.08 -0.15	19.09 1.12 0.00	19.32 1.08 0.00	20.49 1.11 0.00	21.51 1.26 0.10	32.98 1.58 0.00	35.77 1.47 0.00	31.11 1.42 0.00	25.00 1.25 0.00	21.03 1.11 -0.04	19.55 1.13 0.13	19.87 1.15 0.00	18.71 1.13 0.00	21.11 1.02 0.33	27.77 1.17 -0.14	39.16 1.75 0.00	85.56 3.85 0.00	45.61 1.62 0.00	29.09 1.29 2.56	25.35 1.06 0.00	21.95 0.96 -0.06	21.85 1.07 0.00
PLATSBRG_115KV_PMLD1 355749	17.99 -0.35 0.00	18.69 -0.34 0.00	16.28 -0.35 0.00	17.43 -0.55 0.00	17.79 -0.45 0.00	19.10 -0.28 0.00	20.17 -0.18 0.00	31.43 0.04 0.00	34.68 0.37 0.00	30.37 0.68 0.00	24.27 0.52 0.00	20.26 0.37 0.00	18.93 0.38 0.00	19.03 0.31 0.00	17.91 0.33 0.00	21.31 0.89 0.00	27.75 1.29 0.00	39.35 1.94 0.00	85.69 3.97 0.00	45.85 1.86 0.00	31.14 0.77 0.00	24.62 0.34 0.00	21.03 0.10 0.00	20.65 -0.13 0.00
PLEASANTVLY__LBMP 24000	19.32 0.98 0.00	21.02 1.08 -0.90	17.74 0.95 -0.15	18.99 1.02 0.00	19.22 0.98 0.00	20.38 1.00 0.00	21.45 1.10 0.00	32.76 1.37 0.00	35.59 1.29 0.00	30.85 1.16 0.00	24.79 1.03 0.00	20.77 0.89 0.00	19.44 0.89 0.00	19.65 0.92 0.00	18.53 0.95 0.00	21.33 0.91 0.00	27.51 1.05 0.00	39.05 1.65 0.00	85.34 3.63 0.00	45.61 1.62 0.00	31.57 1.20 0.00	25.26 0.97 0.00	21.83 0.90 0.00	21.75 0.97 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.41 1.06 0.00	21.09 1.18 -0.87	17.82 1.04 -0.15	19.07 1.10 0.00	19.31 1.07 0.00	20.48 1.10 0.00	21.56 1.21 0.00	32.93 1.54 0.00	35.79 1.48 0.00	31.06 1.37 0.00	24.95 1.20 0.00	20.91 1.02 0.00	19.58 1.03 0.00	19.79 1.06 0.00	18.66 1.08 0.00	21.44 1.03 0.00	27.66 1.20 0.00	39.25 1.84 0.00	85.80 4.08 0.00	45.80 1.81 0.00	31.73 1.36 0.00	25.41 1.13 0.00	21.95 1.02 0.00	21.88 1.10 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.41 1.06 0.00	21.09 1.18 -0.87	17.82 1.04 -0.15	19.07 1.10 0.00	19.31 1.07 0.00	20.48 1.10 0.00	21.56 1.21 0.00	32.93 1.54 0.00	35.79 1.48 0.00	31.06 1.37 0.00	24.95 1.20 0.00	20.91 1.02 0.00	19.58 1.03 0.00	19.79 1.06 0.00	18.66 1.08 0.00	21.44 1.03 0.00	27.66 1.20 0.00	39.25 1.84 0.00	85.80 4.08 0.00	45.80 1.81 0.00	31.73 1.36 0.00	25.41 1.13 0.00	21.95 1.02 0.00	21.88 1.10 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.45 1.11 0.00	21.12 1.20 -0.88	17.84 1.06 -0.15	19.10 1.13 0.00	19.35 1.10 0.00	20.51 1.13 0.00	21.59 1.24 0.00	33.00 1.61 0.00	35.88 1.58 0.00	31.10 1.41 0.00	24.95 1.20 0.00	20.90 1.01 0.00	19.57 1.02 0.00	19.76 1.04 0.00	18.63 1.04 0.00	21.48 1.06 0.00	27.73 1.28 0.00	39.41 2.01 0.00	86.13 4.42 0.00	46.03 2.03 0.00	31.84 1.47 0.00	25.47 1.18 0.00	22.00 1.07 0.00	21.91 1.13 0.00
POLETTI____ 23519	19.45 1.10 0.00	21.14 1.23 -0.87	17.88 1.10 -0.15	19.14 1.17 0.00	19.36 1.12 0.00	20.54 1.16 0.00	21.65 1.30 0.00	33.03 1.64 0.00	35.84 1.54 0.00	31.16 1.47 0.00	25.05 1.30 0.00	21.02 1.14 0.00	19.73 1.17 0.00	19.91 1.19 0.00	18.76 1.18 0.00	21.49 1.08 0.00	27.67 1.22 0.00	39.21 1.80 0.00	85.68 3.97 0.00	45.71 1.72 0.00	31.74 1.37 0.00	25.41 1.12 0.00	21.96 1.03 0.00	21.91 1.13 0.00
POMONA____ESR 323819	19.39 1.04 0.00	21.02 1.14 -0.85	17.78 1.01 -0.14	19.05 1.07 0.00	19.30 1.05 0.00	20.46 1.08 0.00	21.55 1.20 0.00	32.92 1.53 0.00	35.81 1.51 0.00	31.07 1.38 0.00	24.98 1.23 0.00	20.92 1.04 0.00	19.59 1.03 0.00	19.79 1.06 0.00	18.65 1.07 0.00	21.45 1.03 0.00	27.67 1.22 0.00	39.26 1.86 0.00	85.84 4.12 0.00	45.84 1.84 0.00	31.74 1.37 0.00	25.43 1.15 0.00	21.97 1.04 0.00	21.90 1.12 0.00
PORT_JEFF_3 23555	19.88 1.53 0.00	21.64 1.74 -0.87	19.15 1.59 -0.93	19.68 1.71 0.00	44.72 1.69 -24.78	21.11 1.74 0.00	22.50 1.94 -0.21	33.94 2.55 0.00	183.62 2.40 -146.92	49.81 2.10 -18.03	25.44 1.69 0.00	21.28 1.39 0.00	20.02 1.47 0.00	20.26 1.54 0.00	19.13 1.55 0.00	22.00 1.58 0.00	28.38 1.93 0.00	40.22 2.81 0.00	86.90 6.05 0.87	46.69 2.69 0.00	32.41 2.04 0.00	26.19 1.90 0.00	22.54 1.61 0.00	22.43 1.65 0.00
PORT_JEFF_4 23616	19.88 1.53 0.00	21.64 1.74 -0.87	19.15 1.59 -0.93	19.68 1.71 0.00	44.72 1.69 -24.78	21.11 1.74 0.00	22.50 1.94 -0.21	33.94 2.55 0.00	183.62 2.40 -146.92	49.81 2.10 -18.03	25.44 1.69 0.00	21.28 1.39 0.00	20.02 1.47 0.00	20.26 1.54 0.00	19.13 1.55 0.00	22.00 1.58 0.00	28.38 1.93 0.00	40.22 2.81 0.00	86.90 6.05 0.87	46.69 2.69 0.00	32.41 2.04 0.00	26.19 1.90 0.00	22.54 1.61 0.00	22.43 1.65 0.00
PORT_JEFF_IC 23713	19.88 1.53 0.00	21.65 1.75 -0.87	19.16 1.60 -0.93	19.68 1.71 0.00	44.73 1.70 -24.78	21.12 1.74 0.00	22.51 1.95 -0.21	33.96 2.56 0.00	183.52 2.42 -146.79	49.83 2.12 -18.03	25.45 1.70 0.00	21.29 1.40 0.00	20.03 1.48 0.00	20.28 1.55 0.00	19.14 1.56 0.00	22.00 1.59 0.00	28.40 1.94 0.00	40.24 2.84 0.00	86.98 6.13 0.87	46.70 2.71 0.00	32.43 2.06 0.00	26.20 1.92 0.00	22.55 1.62 0.00	22.44 1.66 0.00
PPL PILGRIM_ST_GT1 24216	19.91 1.57 0.00	21.67 1.77 -0.87	19.17 1.61 -0.93	19.69 1.72 0.00	44.73 1.71 -24.78	21.11 1.73 0.00	22.51 1.95 -0.21	33.92 2.53 0.00	182.60 2.10 -146.20	49.56 1.85 -18.03	25.44 1.70 0.00	21.31 1.42 0.00	20.04 1.49 0.00	20.29 1.56 0.00	19.15 1.57 0.00	22.02 1.60 0.00	28.39 1.94 0.00	40.21 2.80 0.00	86.88 6.02 0.85	46.69 2.69 0.00	32.44 2.07 0.00	26.20 1.91 0.00	22.54 1.61 0.00	22.44 1.66 0.00

PPL PILGRIM_ST_GT2 24217	19.91 1.57 0.00	21.67 1.77 -0.87	19.17 1.61 -0.93	19.69 1.72 0.00	44.73 1.71 -24.78	21.11 1.73 0.00	22.51 1.95 -0.21	33.92 2.53 0.00	182.60 2.10 -146.20	49.56 1.85 -18.03	25.44 1.70 0.00	21.31 1.42 0.00	20.04 1.49 0.00	20.29 1.56 0.00	19.15 1.57 0.00	22.02 1.60 0.00	28.39 1.94 0.00	40.21 2.80 0.00	86.88 6.02 0.85	46.69 2.69 0.00	32.44 2.07 0.00	26.20 1.91 0.00	22.54 1.61 0.00	22.44 1.66 0.00
PPL_SHRM_GT3 24213	19.90 1.56 0.00	21.73 1.82 -0.87	19.24 1.68 -0.93	19.78 1.81 0.00	44.82 1.79 -24.78	21.22 1.84 0.00	22.61 2.05 -0.21	34.09 2.70 0.00	183.68 2.50 -146.87	49.93 2.21 -18.03	25.48 1.73 0.00	21.23 1.34 0.00	19.97 1.41 0.00	20.23 1.50 0.00	19.12 1.54 0.00	21.99 1.57 0.00	28.50 2.04 0.00	40.38 2.98 0.00	87.32 6.47 0.87	46.79 2.79 0.00	32.46 2.09 0.00	26.28 2.00 0.00	22.62 1.69 0.00	22.51 1.73 0.00
PPL_SHRM_GT4 24214	19.90 1.56 0.00	21.73 1.82 -0.87	19.24 1.68 -0.93	19.78 1.81 0.00	44.82 1.79 -24.78	21.22 1.84 0.00	22.61 2.05 -0.21	34.09 2.70 0.00	183.68 2.50 -146.87	49.93 2.21 -18.03	25.48 1.73 0.00	21.23 1.34 0.00	19.97 1.41 0.00	20.23 1.50 0.00	19.12 1.54 0.00	21.99 1.57 0.00	28.50 2.04 0.00	40.38 2.98 0.00	87.32 6.47 0.87	46.79 2.79 0.00	32.46 2.09 0.00	26.28 2.00 0.00	22.62 1.69 0.00	22.51 1.73 0.00
PROJECT___ORANGE 1 24174	17.85 -0.48 0.00	18.65 -0.47 -0.09	16.23 -0.42 -0.02	17.56 -0.41 0.00	17.80 -0.44 0.00	18.90 -0.48 0.00	19.86 -0.49 0.00	30.52 -0.87 0.00	33.32 -0.98 0.00	28.89 -0.80 0.00	23.18 -0.57 0.00	19.41 -0.48 0.00	18.07 -0.49 0.00	18.26 -0.46 0.00	17.15 -0.43 0.00	19.81 -0.61 0.00	25.65 -0.80 0.00	36.32 -1.08 0.00	79.64 -2.08 0.00	42.70 -1.30 0.00	29.44 -0.93 0.00	23.56 -0.72 0.00	20.38 -0.55 0.00	20.46 -0.32 0.00
PROJECT___ORANGE 2 24166	17.85 -0.48 0.00	18.65 -0.47 -0.09	16.23 -0.42 -0.02	17.56 -0.41 0.00	17.80 -0.44 0.00	18.90 -0.48 0.00	19.86 -0.49 0.00	30.52 -0.87 0.00	33.32 -0.98 0.00	28.89 -0.80 0.00	23.18 -0.57 0.00	19.41 -0.48 0.00	18.07 -0.49 0.00	18.26 -0.46 0.00	17.15 -0.43 0.00	19.81 -0.61 0.00	25.65 -0.80 0.00	36.32 -1.08 0.00	79.64 -2.08 0.00	42.70 -1.30 0.00	29.44 -0.93 0.00	23.56 -0.72 0.00	20.38 -0.55 0.00	20.46 -0.32 0.00
PUCKETT___SOLAR 323809	18.23 -0.11 0.00	19.45 0.12 -0.30	16.77 0.08 -0.05	18.13 0.16 0.00	18.39 0.15 0.00	19.52 0.14 0.00	20.42 0.08 0.00	31.37 0.02 0.00	34.28 -0.02 0.00	29.83 0.14 0.00	23.88 0.13 0.00	19.93 0.05 0.00	18.54 -0.02 0.00	18.73 0.01 0.00	17.65 0.07 0.00	20.42 0.00 0.00	26.62 0.17 0.00	37.60 0.19 0.00	82.61 0.90 0.00	44.16 0.16 0.00	30.36 -0.01 0.00	24.36 0.07 0.00	21.19 0.13 -0.12	21.15 0.37 0.00
PYRITES___HYD 24023	18.31 -0.03 0.00	18.91 -0.12 0.00	16.50 -0.13 0.00	17.77 -0.21 0.00	18.05 -0.19 0.00	19.21 -0.17 0.00	20.16 -0.19 0.00	31.68 0.29 0.00	34.90 0.59 0.00	30.22 0.53 0.00	23.97 0.21 0.00	19.98 0.10 0.00	18.62 0.06 0.00	18.73 0.01 0.00	17.48 -0.10 0.00	20.68 0.26 0.00	26.75 0.30 0.00	38.04 0.63 0.00	83.18 1.46 0.00	45.06 1.06 0.00	31.01 0.64 0.00	24.77 0.49 0.00	21.29 0.36 0.00	20.81 0.03 0.00
QUAKERRD_115KV_BK1 80622	16.29 -1.33 0.72	17.77 -1.37 -0.12	15.44 -1.21 -0.02	16.75 -1.22 0.00	16.99 -1.26 0.00	18.04 -1.34 0.00	18.92 -1.43 0.00	29.05 -2.35 0.00	31.73 -2.58 0.00	27.61 -2.08 0.00	22.24 -1.52 0.00	18.55 -1.34 0.00	17.21 -1.35 0.00	17.34 -1.38 0.00	16.34 -1.24 0.00	18.87 -1.55 0.00	24.53 -1.92 0.00	34.73 -2.68 0.00	76.34 -5.37 0.00	40.89 -3.11 0.00	28.12 -2.25 0.00	22.53 -1.76 0.00	19.47 -1.46 0.00	19.61 -1.17 0.00
QUENSBRY_115KV_TB8 356137	19.38 1.04 0.00	21.27 1.15 -1.09	17.81 1.00 -0.18	19.04 1.07 0.00	19.32 1.07 0.00	20.54 1.16 0.00	21.61 1.26 0.00	33.08 1.69 0.00	35.79 1.48 0.00	30.92 1.23 0.00	24.79 1.04 0.00	20.82 0.93 0.00	19.43 0.87 0.00	19.61 0.88 0.00	18.53 0.95 0.00	21.59 1.17 0.00	27.97 1.52 0.00	39.83 2.42 0.00	86.89 5.18 0.00	46.53 2.53 0.00	32.01 1.64 0.00	25.40 1.11 0.00	21.90 0.96 0.00	21.68 0.90 0.00
RAMAPO___LBMP 323565	19.16 0.81 0.00	20.74 0.89 -0.81	17.55 0.78 -0.14	18.81 0.83 0.00	19.05 0.81 0.00	20.21 0.83 0.00	21.29 0.94 0.00	32.54 1.15 0.00	35.43 1.13 0.00	30.70 1.01 0.00	24.73 0.98 0.00	20.68 0.80 0.00	19.34 0.78 0.00	19.52 0.80 0.00	18.40 0.82 0.00	21.17 0.76 0.00	27.36 0.90 0.00	38.81 1.40 0.00	84.95 3.23 0.00	45.35 1.35 0.00	31.38 1.01 0.00	25.15 0.87 0.00	21.74 0.80 0.00	21.68 0.90 0.00
RANKINE____ 23646	15.63 -1.56 1.16	17.54 -1.63 -0.14	15.24 -1.42 -0.02	16.61 -1.37 0.00	16.81 -1.43 0.00	17.85 -1.52 0.00	18.72 -1.63 0.00	28.59 -2.80 0.00	31.30 -3.01 0.00	27.43 -2.26 0.00	22.19 -1.56 0.00	18.41 -1.48 0.00	16.96 -1.60 0.00	17.07 -1.66 0.00	16.13 -1.46 0.00	18.61 -1.80 0.00	24.23 -2.22 0.00	34.14 -3.27 0.00	75.59 -6.12 0.00	40.45 -3.55 0.00	27.79 -2.58 0.00	22.35 -1.93 0.00	19.38 -1.55 0.00	19.69 -1.09 0.00
RAVENSWOOD_GT2_1 24244	19.47 1.13 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.89 1.59 0.00	31.20 1.52 0.00	25.07 1.32 0.00	21.03 1.15 0.00	19.73 1.18 0.00	19.91 1.19 0.00	18.76 1.18 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.86 0.00	85.82 4.10 0.00	45.78 1.79 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
RAVENSWOOD_GT2_2 24245	19.47 1.13 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.37 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.06 1.67 0.00	35.89 1.59 0.00	31.20 1.52 0.00	25.07 1.32 0.00	21.03 1.15 0.00	19.73 1.18 0.00	19.91 1.19 0.00	18.76 1.18 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.86 0.00	85.82 4.10 0.00	45.78 1.79 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
RAVENSWOOD_GT2_3 24246	19.48 1.14 0.00	21.16 1.26 -0.87	17.90 1.12 -0.15	19.15 1.18 0.00	19.38 1.14 0.00	20.56 1.18 0.00	21.68 1.33 0.00	33.08 1.69 0.00	35.92 1.61 0.00	31.22 1.53 0.00	25.09 1.34 0.00	21.05 1.17 0.00	19.74 1.19 0.00	19.93 1.20 0.00	18.77 1.19 0.00	21.52 1.10 0.00	27.72 1.27 0.00	39.29 1.89 0.00	85.87 4.16 0.00	45.82 1.82 0.00	31.80 1.43 0.00	25.47 1.18 0.00	22.00 1.07 0.00	21.95 1.17 0.00
RAVENSWOOD_GT2_4 24247	19.48 1.14 0.00	21.16 1.26 -0.87	17.90 1.12 -0.15	19.15 1.18 0.00	19.38 1.14 0.00	20.56 1.18 0.00	21.68 1.33 0.00	33.08 1.69 0.00	35.92 1.61 0.00	31.22 1.53 0.00	25.09 1.34 0.00	21.05 1.17 0.00	19.74 1.19 0.00	19.93 1.20 0.00	18.77 1.19 0.00	21.52 1.10 0.00	27.72 1.27 0.00	39.29 1.89 0.00	85.87 4.16 0.00	45.82 1.82 0.00	31.80 1.43 0.00	25.47 1.18 0.00	22.00 1.07 0.00	21.95 1.17 0.00

RAVENSWOOD_GT3_1 24248	19.47 1.13 0.00	21.16 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.38 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.90 1.59 0.00	31.20 1.52 0.00	25.07 1.32 0.00	21.04 1.15 0.00	19.73 1.18 0.00	19.91 1.19 0.00	18.77 1.19 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.87 0.00	85.82 4.10 0.00	45.79 1.79 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
RAVENSWOOD_GT3_2 24249	19.47 1.13 0.00	21.16 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.38 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.90 1.59 0.00	31.20 1.52 0.00	25.07 1.32 0.00	21.04 1.15 0.00	19.73 1.18 0.00	19.91 1.19 0.00	18.77 1.19 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.87 0.00	85.82 4.10 0.00	45.79 1.79 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
RAVENSWOOD_GT3_3 24250	19.47 1.13 0.00	21.16 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.38 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.90 1.60 0.00	31.20 1.52 0.00	25.08 1.32 0.00	21.04 1.15 0.00	19.73 1.18 0.00	19.91 1.19 0.00	18.77 1.19 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.87 0.00	85.82 4.10 0.00	45.80 1.80 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
RAVENSWOOD_GT3_4 24251	19.47 1.13 0.00	21.16 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.38 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.90 1.60 0.00	31.20 1.52 0.00	25.08 1.32 0.00	21.04 1.15 0.00	19.73 1.18 0.00	19.91 1.19 0.00	18.77 1.19 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.87 0.00	85.82 4.10 0.00	45.80 1.80 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
RAVENSWOOD_GT_1 23729	19.51 1.17 0.00	21.21 1.31 -0.87	17.93 1.15 -0.15	19.18 1.21 0.00	19.41 1.17 0.00	20.60 1.22 0.00	21.71 1.37 0.00	33.13 1.74 0.00	36.00 1.70 0.00	31.30 1.61 0.00	25.14 1.39 0.00	21.10 1.21 0.00	19.80 1.25 0.00	19.96 1.23 0.00	18.81 1.23 0.00	21.54 1.12 0.00	27.75 1.30 0.00	39.31 1.90 0.00	85.93 4.22 0.00	45.84 1.85 0.00	31.87 1.50 0.00	25.50 1.21 0.00	22.03 1.10 0.00	22.00 1.22 0.00
RAVENSWOOD_GT_10 24258	19.47 1.13 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.38 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.89 1.59 0.00	31.20 1.52 0.00	25.07 1.32 0.00	21.04 1.15 0.00	19.73 1.18 0.00	19.91 1.19 0.00	18.77 1.19 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.87 0.00	85.82 4.10 0.00	45.79 1.80 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
RAVENSWOOD_GT_11 24259	19.47 1.13 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.38 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.89 1.59 0.00	31.20 1.52 0.00	25.07 1.32 0.00	21.04 1.15 0.00	19.73 1.18 0.00	19.91 1.19 0.00	18.77 1.19 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.87 0.00	85.82 4.10 0.00	45.79 1.80 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
RAVENSWOOD_GT_4 24252	19.47 1.13 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.15 1.17 0.00	19.38 1.13 0.00	20.56 1.18 0.00	21.67 1.32 0.00	33.07 1.68 0.00	35.89 1.59 0.00	31.20 1.51 0.00	25.07 1.32 0.00	21.04 1.15 0.00	19.73 1.17 0.00	19.91 1.19 0.00	18.76 1.18 0.00	21.51 1.10 0.00	27.71 1.25 0.00	39.28 1.87 0.00	85.82 4.10 0.00	45.80 1.80 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.93 1.15 0.00
RAVENSWOOD_GT_5 24254	19.47 1.13 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.15 1.17 0.00	19.38 1.13 0.00	20.56 1.18 0.00	21.67 1.32 0.00	33.07 1.68 0.00	35.89 1.59 0.00	31.20 1.51 0.00	25.07 1.32 0.00	21.04 1.15 0.00	19.73 1.17 0.00	19.91 1.19 0.00	18.76 1.18 0.00	21.51 1.10 0.00	27.71 1.25 0.00	39.28 1.87 0.00	85.82 4.10 0.00	45.80 1.80 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.93 1.15 0.00
RAVENSWOOD_GT_6 24253	19.47 1.13 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.15 1.17 0.00	19.38 1.13 0.00	20.56 1.18 0.00	21.67 1.32 0.00	33.07 1.68 0.00	35.89 1.59 0.00	31.20 1.51 0.00	25.07 1.32 0.00	21.04 1.15 0.00	19.73 1.17 0.00	19.91 1.19 0.00	18.76 1.18 0.00	21.51 1.10 0.00	27.71 1.25 0.00	39.28 1.87 0.00	85.82 4.10 0.00	45.80 1.80 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.93 1.15 0.00
RAVENSWOOD_GT_7 24255	19.47 1.13 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.15 1.17 0.00	19.38 1.13 0.00	20.56 1.18 0.00	21.67 1.32 0.00	33.07 1.68 0.00	35.89 1.59 0.00	31.20 1.51 0.00	25.07 1.32 0.00	21.04 1.15 0.00	19.73 1.17 0.00	19.91 1.19 0.00	18.76 1.18 0.00	21.51 1.10 0.00	27.71 1.25 0.00	39.28 1.87 0.00	85.82 4.10 0.00	45.80 1.80 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.93 1.15 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.47 1.13 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.38 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.89 1.59 0.00	31.20 1.52 0.00	25.07 1.32 0.00	21.04 1.15 0.00	19.73 1.18 0.00	19.91 1.19 0.00	18.77 1.19 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.87 0.00	85.82 4.10 0.00	45.79 1.80 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
RAVENSWOOD_GT_9 24257	19.47 1.13 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.38 1.13 0.00	20.55 1.17 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.89 1.59 0.00	31.20 1.52 0.00	25.07 1.32 0.00	21.04 1.15 0.00	19.73 1.18 0.00	19.91 1.19 0.00	18.77 1.19 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.87 0.00	85.82 4.10 0.00	45.79 1.80 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
RAVENSWOOD___1 23533	19.48 1.14 0.00	21.17 1.27 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.38 1.14 0.00	20.56 1.18 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.93 1.63 0.00	31.24 1.55 0.00	25.09 1.34 0.00	21.06 1.18 0.00	19.77 1.21 0.00	19.93 1.20 0.00	18.78 1.20 0.00	21.50 1.09 0.00	27.71 1.25 0.00	39.26 1.85 0.00	85.85 4.14 0.00	45.79 1.80 0.00	31.81 1.44 0.00	25.46 1.17 0.00	21.99 1.06 0.00	21.96 1.18 0.00
RAVENSWOOD___2 23534	19.48 1.14 0.00	21.17 1.27 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.38 1.14 0.00	20.56 1.18 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.93 1.63 0.00	31.24 1.55 0.00	25.09 1.34 0.00	21.06 1.18 0.00	19.77 1.21 0.00	19.93 1.20 0.00	18.78 1.20 0.00	21.50 1.09 0.00	27.71 1.25 0.00	39.26 1.85 0.00	85.85 4.14 0.00	45.79 1.80 0.00	31.81 1.44 0.00	25.46 1.17 0.00	21.99 1.06 0.00	21.96 1.18 0.00

RAVENSWOOD___3 23535	19.47 1.12 0.00	21.15 1.25 -0.87	17.89 1.11 -0.15	19.14 1.17 0.00	19.38 1.14 0.00	20.56 1.18 0.00	21.67 1.32 0.00	33.07 1.68 0.00	35.90 1.60 0.00	31.21 1.52 0.00	25.08 1.33 0.00	21.04 1.16 0.00	19.73 1.18 0.00	19.91 1.19 0.00	18.77 1.19 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.27 1.87 0.00	85.82 4.11 0.00	45.80 1.80 0.00	31.78 1.41 0.00	25.45 1.17 0.00	21.99 1.06 0.00	21.94 1.16 0.00
RAVENSWOOD___4 23820	19.48 1.14 0.00	21.17 1.27 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.38 1.14 0.00	20.56 1.18 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.93 1.63 0.00	31.24 1.55 0.00	25.09 1.34 0.00	21.06 1.18 0.00	19.77 1.21 0.00	19.93 1.20 0.00	18.78 1.20 0.00	21.50 1.09 0.00	27.71 1.25 0.00	39.26 1.85 0.00	85.85 4.14 0.00	45.79 1.80 0.00	31.81 1.44 0.00	25.46 1.17 0.00	21.99 1.06 0.00	21.96 1.18 0.00
RCPL_TRUST___DRP 24196	19.48 1.14 0.00	21.17 1.26 -0.87	17.91 1.13 -0.15	19.17 1.20 0.00	19.40 1.15 0.00	20.58 1.20 0.00	21.70 1.36 0.00	33.12 1.73 0.00	35.95 1.65 0.00	31.23 1.55 0.00	25.10 1.35 0.00	21.06 1.18 0.00	19.75 1.20 0.00	19.95 1.22 0.00	18.79 1.21 0.00	21.53 1.12 0.00	27.73 1.28 0.00	39.31 1.91 0.00	85.90 4.19 0.00	45.83 1.83 0.00	31.81 1.44 0.00	25.48 1.19 0.00	22.01 1.08 0.00	21.96 1.18 0.00
RED___ROCHESTER 323720	16.54 -1.01 0.79	18.09 -1.06 -0.12	15.71 -0.94 -0.02	17.06 -0.92 0.00	17.30 -0.94 0.00	18.36 -1.02 0.00	19.25 -1.10 0.00	29.54 -1.86 0.00	32.29 -2.01 0.00	28.14 -1.55 0.00	22.69 -1.06 0.00	18.90 -0.99 0.00	17.51 -1.05 0.00	17.64 -1.08 0.00	16.63 -0.95 0.00	19.22 -1.20 0.00	25.01 -1.44 0.00	35.41 -2.00 0.00	78.00 -3.71 0.00	41.74 -2.26 0.00	28.68 -1.69 0.00	22.99 -1.29 0.00	19.66 -1.07 0.20	20.04 -0.74 0.00
REGAN___SOLAR 323812	19.91 1.57 0.00	21.81 1.58 -1.19	18.18 1.35 -0.20	19.44 1.46 0.00	19.76 1.52 0.00	21.04 1.66 0.00	22.15 1.80 0.00	34.33 2.94 0.00	37.55 3.25 0.00	32.22 2.53 0.00	25.73 1.98 0.00	21.58 1.70 0.00	19.42 0.86 0.00	19.54 0.81 0.00	18.46 0.88 0.00	22.27 1.86 0.00	29.19 2.74 0.00	41.25 3.85 0.00	90.07 8.36 0.00	48.35 4.36 0.00	33.23 2.86 0.00	26.56 2.28 0.00	22.83 1.89 0.00	22.68 1.91 0.00
RENSSELAER___COGEN 23796	19.09 0.75 0.00	20.90 0.82 -1.05	17.55 0.74 -0.18	18.75 0.78 0.00	19.02 0.78 0.00	20.18 0.80 0.00	21.12 0.77 0.00	32.18 0.79 0.00	34.95 0.65 0.00	30.22 0.53 0.00	24.27 0.52 0.00	20.31 0.43 0.00	18.97 0.41 0.00	19.17 0.45 0.00	18.09 0.51 0.00	20.89 0.47 0.00	27.02 0.57 0.00	38.41 1.00 0.00	83.82 2.10 0.00	44.94 0.94 0.00	31.02 0.65 0.00	24.77 0.48 0.00	21.40 0.47 0.00	21.27 0.49 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.96 1.62 0.00	21.95 1.83 -1.09	18.40 1.58 -0.18	19.66 1.69 0.00	19.94 1.70 0.00	21.23 1.85 0.00	22.38 2.03 0.00	34.21 2.82 0.00	36.70 2.40 0.00	31.65 1.96 0.00	25.37 1.62 0.00	21.39 1.50 0.00	20.03 1.47 0.00	20.34 1.62 0.00	19.15 1.56 0.00	22.39 1.98 0.00	29.01 2.55 0.00	41.46 4.06 0.00	90.37 8.66 0.00	48.36 4.37 0.00	33.13 2.76 0.00	26.09 1.81 0.00	22.47 1.54 0.00	22.12 1.34 0.00
REVERE_CPPR_DRP 24186	18.62 0.28 0.00	19.38 0.29 -0.05	16.89 0.25 -0.01	18.25 0.28 0.00	18.51 0.27 0.00	19.68 0.30 0.00	20.72 0.37 0.00	31.95 0.55 0.00	34.93 0.63 0.00	30.23 0.54 0.00	24.12 0.37 0.00	20.23 0.34 0.00	18.87 0.31 0.00	19.07 0.34 0.00	17.92 0.34 0.00	20.77 0.35 0.00	26.97 0.52 0.00	38.30 0.90 0.00	84.20 2.49 0.00	45.21 1.21 0.00	31.16 0.79 0.00	24.90 0.62 0.00	21.43 0.49 0.00	21.35 0.57 0.00
REYNOLDS_115KV_TB3 80639	19.16 0.82 0.00	20.98 0.90 -1.05	17.61 0.81 -0.18	18.82 0.85 0.00	19.10 0.85 0.00	20.25 0.87 0.00	21.22 0.87 0.00	32.36 0.97 0.00	35.12 0.82 0.00	30.37 0.68 0.00	24.39 0.64 0.00	20.43 0.54 0.00	19.08 0.52 0.00	19.29 0.56 0.00	18.20 0.62 0.00	21.01 0.59 0.00	27.14 0.69 0.00	38.60 1.20 0.00	84.23 2.52 0.00	45.16 1.16 0.00	31.17 0.80 0.00	24.89 0.60 0.00	21.53 0.60 0.00	21.38 0.60 0.00
RIVERBAY____ 323610	19.51 1.17 0.00	21.32 1.42 -0.87	18.07 1.30 -0.15	19.30 1.33 0.00	19.53 1.29 0.00	20.74 1.36 0.00	21.84 1.49 0.00	33.37 1.97 0.00	36.34 2.04 0.00	31.54 1.85 0.00	25.25 1.50 0.00	21.20 1.31 0.00	19.89 1.34 0.00	19.97 1.24 0.00	18.83 1.24 0.00	21.54 1.13 0.00	27.76 1.31 0.00	39.37 1.96 0.00	86.13 4.42 0.00	45.95 1.95 0.00	31.93 1.56 0.00	25.48 1.19 0.00	21.99 1.06 0.00	21.99 1.21 0.00
RIVERSDE_115KV_TB3 55908	19.14 0.80 0.00	20.96 0.87 -1.06	17.59 0.78 -0.18	18.80 0.83 0.00	19.07 0.83 0.00	20.23 0.85 0.00	21.18 0.83 0.00	32.28 0.89 0.00	35.06 0.76 0.00	30.31 0.62 0.00	24.34 0.59 0.00	20.38 0.50 0.00	19.03 0.48 0.00	19.24 0.52 0.00	18.16 0.58 0.00	20.97 0.55 0.00	27.11 0.66 0.00	38.54 1.13 0.00	84.09 2.37 0.00	45.07 1.08 0.00	31.12 0.75 0.00	24.84 0.56 0.00	21.48 0.55 0.00	21.34 0.55 0.00
ROARING___BROOK_WT_PWR 323790	17.76 -0.58 0.00	18.41 -0.63 0.00	16.07 -0.56 0.00	17.35 -0.62 0.00	17.71 -0.53 0.00	18.91 -0.47 0.00	19.88 -0.47 0.00	30.81 -0.58 0.00	33.79 -0.51 0.00	29.28 -0.41 0.00	23.37 -0.38 0.00	19.63 -0.26 0.00	18.29 -0.26 0.00	18.39 -0.33 0.00	17.20 -0.38 0.00	19.98 -0.44 0.00	25.83 -0.62 0.00	36.49 -0.91 0.00	80.63 -1.08 0.00	43.79 -0.20 0.00	30.26 -0.11 0.00	24.17 -0.11 0.00	20.72 -0.21 0.00	20.55 -0.24 0.00
ROCHESRG_115KV_T4 355643	16.41 -1.16 0.77	17.94 -1.21 -0.12	15.59 -1.06 -0.02	16.93 -1.04 0.00	17.15 -1.09 0.00	18.21 -1.17 0.00	19.09 -1.26 0.00	29.27 -2.12 0.00	31.99 -2.32 0.00	27.89 -1.80 0.00	22.48 -1.27 0.00	18.73 -1.16 0.00	17.35 -1.21 0.00	17.49 -1.24 0.00	16.49 -1.09 0.00	19.05 -1.37 0.00	24.77 -1.68 0.00	35.03 -2.38 0.00	77.12 -4.60 0.00	41.29 -2.71 0.00	28.37 -2.00 0.00	22.74 -1.54 0.00	19.67 -1.26 0.00	19.85 -0.93 0.00
ROCHESTER_9_IC 23652	16.47 -1.09 0.79	18.02 -1.13 -0.12	15.65 -0.99 -0.02	17.00 -0.97 0.00	17.23 -1.02 0.00	18.29 -1.09 0.00	19.18 -1.17 0.00	29.41 -1.98 0.00	32.16 -2.15 0.00	28.02 -1.66 0.00	22.60 -1.15 0.00	18.82 -1.07 0.00	17.43 -1.13 0.00	17.56 -1.16 0.00	16.57 -1.02 0.00	19.14 -1.28 0.00	24.90 -1.55 0.00	35.23 -2.18 0.00	77.57 -4.14 0.00	41.53 -2.46 0.00	28.54 -1.84 0.00	22.87 -1.42 0.00	19.78 -1.15 0.00	19.95 -0.83 0.00
ROCKVIEW_13_KV_LD 356306	19.47 1.13 0.00	21.13 1.22 -0.87	17.86 1.08 -0.15	19.11 1.14 0.00	19.35 1.11 0.00	20.53 1.15 0.00	21.62 1.27 0.00	33.01 1.62 0.00	35.89 1.59 0.00	31.15 1.46 0.00	25.04 1.29 0.00	20.98 1.10 0.00	19.68 1.12 0.00	19.87 1.15 0.00	18.74 1.15 0.00	21.53 1.11 0.00	27.76 1.31 0.00	39.38 1.97 0.00	86.05 4.34 0.00	45.94 1.94 0.00	31.84 1.47 0.00	25.52 1.23 0.00	22.04 1.11 0.00	21.96 1.18 0.00

ROME____115KV_TB2 80656	18.62 0.28 0.00	19.38 0.29 -0.05	16.89 0.25 -0.01	18.25 0.28 0.00	18.51 0.27 0.00	19.68 0.30 0.00	20.72 0.37 0.00	31.95 0.55 0.00	34.93 0.63 0.00	30.23 0.54 0.00	24.12 0.37 0.00	20.23 0.34 0.00	18.87 0.31 0.00	19.07 0.34 0.00	17.92 0.34 0.00	20.77 0.35 0.00	26.97 0.52 0.00	38.30 0.90 0.00	84.20 2.49 0.00	45.21 1.21 0.00	31.16 0.79 0.00	24.90 0.62 0.00	21.43 0.49 0.00	21.35 0.57 0.00
ROSETON____1 23587	19.25 0.91 0.00	20.90 1.00 -0.86	17.66 0.88 -0.15	18.91 0.94 0.00	19.15 0.91 0.00	20.31 0.93 0.00	21.37 1.02 0.00	32.66 1.27 0.00	35.51 1.21 0.00	30.78 1.09 0.00	24.74 0.98 0.00	20.72 0.84 0.00	19.39 0.83 0.00	19.59 0.87 0.00	18.47 0.88 0.00	21.26 0.84 0.00	27.44 0.98 0.00	38.95 1.54 0.00	85.12 3.41 0.00	45.49 1.49 0.00	31.48 1.11 0.00	25.20 0.91 0.00	21.78 0.85 0.00	21.70 0.92 0.00
ROSETON____2 23588	19.25 0.91 0.00	20.90 1.00 -0.86	17.66 0.88 -0.15	18.91 0.94 0.00	19.15 0.91 0.00	20.31 0.93 0.00	21.37 1.02 0.00	32.66 1.27 0.00	35.51 1.21 0.00	30.78 1.09 0.00	24.74 0.98 0.00	20.72 0.84 0.00	19.39 0.83 0.00	19.59 0.87 0.00	18.47 0.88 0.00	21.26 0.84 0.00	27.44 0.98 0.00	38.95 1.54 0.00	85.12 3.41 0.00	45.49 1.49 0.00	31.48 1.11 0.00	25.20 0.91 0.00	21.78 0.85 0.00	21.70 0.92 0.00
ROTTRDAM_115KV_TB3 80664	19.01 0.67 0.00	20.87 0.74 -1.10	17.46 0.65 -0.19	18.66 0.69 0.00	18.93 0.69 0.00	20.09 0.72 0.00	21.11 0.76 0.00	32.37 0.97 0.00	35.21 0.90 0.00	30.47 0.78 0.00	24.43 0.67 0.00	20.47 0.58 0.00	19.08 0.52 0.00	19.25 0.52 0.00	18.16 0.58 0.00	21.04 0.63 0.00	27.23 0.78 0.00	38.65 1.24 0.00	84.43 2.72 0.00	45.27 1.28 0.00	31.24 0.87 0.00	24.95 0.67 0.00	21.54 0.61 0.00	21.41 0.63 0.00
RUSSELL____1 23602	16.54 -1.02 0.79	18.09 -1.06 -0.12	15.71 -0.94 -0.02	17.06 -0.91 0.00	17.29 -0.95 0.00	18.35 -1.03 0.00	19.25 -1.10 0.00	29.54 -1.86 0.00	32.29 -2.02 0.00	28.14 -1.55 0.00	22.69 -1.06 0.00	18.90 -0.99 0.00	17.50 -1.05 0.00	17.64 -1.09 0.00	16.63 -0.95 0.00	19.22 -1.20 0.00	25.01 -1.44 0.00	35.40 -2.00 0.00	77.99 -3.72 0.00	41.74 -2.25 0.00	28.68 -1.69 0.00	22.98 -1.30 0.00	19.87 -1.06 0.00	20.04 -0.74 0.00
RUSSELL____2 23532	16.54 -1.02 0.79	18.09 -1.06 -0.12	15.71 -0.94 -0.02	17.06 -0.91 0.00	17.29 -0.95 0.00	18.35 -1.03 0.00	19.25 -1.10 0.00	29.54 -1.86 0.00	32.29 -2.02 0.00	28.14 -1.55 0.00	22.69 -1.06 0.00	18.90 -0.99 0.00	17.50 -1.05 0.00	17.64 -1.09 0.00	16.63 -0.95 0.00	19.22 -1.20 0.00	25.01 -1.44 0.00	35.40 -2.00 0.00	77.99 -3.72 0.00	41.74 -2.25 0.00	28.68 -1.69 0.00	22.98 -1.30 0.00	19.87 -1.06 0.00	20.04 -0.74 0.00
RUSSELL____3 23549	16.54 -1.02 0.79	18.09 -1.06 -0.12	15.71 -0.94 -0.02	17.06 -0.91 0.00	17.29 -0.95 0.00	18.35 -1.03 0.00	19.25 -1.10 0.00	29.54 -1.86 0.00	32.29 -2.02 0.00	28.14 -1.55 0.00	22.69 -1.06 0.00	18.90 -0.99 0.00	17.50 -1.05 0.00	17.64 -1.09 0.00	16.63 -0.95 0.00	19.22 -1.20 0.00	25.01 -1.44 0.00	35.40 -2.00 0.00	77.99 -3.72 0.00	41.74 -2.25 0.00	28.68 -1.69 0.00	22.98 -1.30 0.00	19.87 -1.06 0.00	20.04 -0.74 0.00
RUSSELL____4 23556	16.54 -1.02 0.79	18.09 -1.06 -0.12	15.71 -0.94 -0.02	17.06 -0.91 0.00	17.29 -0.95 0.00	18.35 -1.03 0.00	19.25 -1.10 0.00	29.54 -1.86 0.00	32.29 -2.02 0.00	28.14 -1.55 0.00	22.69 -1.06 0.00	18.90 -0.99 0.00	17.50 -1.05 0.00	17.64 -1.09 0.00	16.63 -0.95 0.00	19.22 -1.20 0.00	25.01 -1.44 0.00	35.40 -2.00 0.00	77.99 -3.72 0.00	41.74 -2.25 0.00	28.68 -1.69 0.00	22.98 -1.30 0.00	19.87 -1.06 0.00	20.04 -0.74 0.00
RUSSELL____STATION 23914	16.54 -1.02 0.79	18.09 -1.06 -0.12	15.71 -0.94 -0.02	17.06 -0.91 0.00	17.29 -0.95 0.00	18.35 -1.03 0.00	19.25 -1.10 0.00	29.54 -1.86 0.00	32.29 -2.02 0.00	28.14 -1.55 0.00	22.69 -1.06 0.00	18.90 -0.99 0.00	17.50 -1.05 0.00	17.64 -1.09 0.00	16.63 -0.95 0.00	19.22 -1.20 0.00	25.01 -1.44 0.00	35.40 -2.00 0.00	77.99 -3.72 0.00	41.74 -2.25 0.00	28.68 -1.69 0.00	22.98 -1.30 0.00	19.87 -1.06 0.00	20.04 -0.74 0.00
S SALMON____HYD 24043	17.56 -0.78 0.00	18.29 -0.81 -0.08	15.94 -0.71 -0.01	17.21 -0.76 0.00	17.46 -0.78 0.00	18.56 -0.81 0.00	19.48 -0.86 0.00	30.00 -1.39 0.00	32.81 -1.49 0.00	28.49 -1.20 0.00	22.86 -0.90 0.00	19.21 -0.68 0.00	17.85 -0.71 0.00	17.93 -0.80 0.00	16.77 -0.81 0.00	19.35 -1.07 0.00	25.10 -1.35 0.00	35.84 -1.57 0.00	78.98 -2.73 0.00	42.49 -1.51 0.00	29.35 -1.02 0.00	23.47 -0.81 0.00	20.22 -0.71 0.00	20.32 -0.46 0.00
S.PERRY__115KV_TB1 80734	14.75 -0.93 2.66	18.62 -0.58 -0.18	16.04 -0.62 -0.03	17.41 -0.57 0.00	17.76 -0.48 0.00	18.75 -0.63 0.00	19.76 -0.59 0.00	30.35 -1.04 0.00	33.22 -1.08 0.00	28.87 -0.82 0.00	23.04 -0.71 0.00	19.40 -0.49 0.00	17.83 -0.73 0.00	18.05 -0.68 0.00	16.92 -0.66 0.00	19.55 -0.87 0.00	25.33 -1.13 0.00	36.17 -1.23 0.00	80.15 -1.57 0.00	42.88 -1.12 0.00	29.52 -0.85 0.00	23.78 -0.51 0.00	20.64 -0.29 0.00	20.78 0.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.57 -1.70 1.08	17.39 -1.79 -0.14	15.10 -1.55 -0.02	16.46 -1.51 0.00	16.66 -1.58 0.00	17.68 -1.70 0.00	18.51 -1.84 0.00	28.27 -3.12 0.00	30.95 -3.35 0.00	27.13 -2.56 0.00	21.94 -1.81 0.00	18.21 -1.68 0.00	16.78 -1.78 0.00	16.89 -1.84 0.00	15.98 -1.60 0.00	18.44 -1.98 0.00	24.01 -2.45 0.00	33.81 -3.60 0.00	74.76 -6.96 0.00	40.01 -3.99 0.00	27.47 -2.90 0.00	22.08 -2.21 0.00	19.14 -1.80 0.00	19.44 -1.34 0.00
SAWYER__23_KV_LOAD 55526	15.57 -1.70 1.08	17.39 -1.79 -0.14	15.10 -1.55 -0.02	16.46 -1.51 0.00	16.66 -1.58 0.00	17.68 -1.70 0.00	18.51 -1.84 0.00	28.27 -3.12 0.00	30.95 -3.35 0.00	27.13 -2.56 0.00	21.94 -1.81 0.00	18.21 -1.68 0.00	16.78 -1.78 0.00	16.89 -1.84 0.00	15.98 -1.60 0.00	18.44 -1.98 0.00	24.01 -2.45 0.00	33.81 -3.60 0.00	74.76 -6.96 0.00	40.01 -3.99 0.00	27.47 -2.90 0.00	22.08 -2.21 0.00	19.14 -1.80 0.00	19.44 -1.34 0.00
SELKIRK____I 23801	19.14 0.80 0.00	20.95 0.88 -1.04	17.60 0.79 -0.17	18.82 0.85 0.00	19.09 0.85 0.00	20.26 0.88 0.00	21.22 0.87 0.00	32.41 1.01 0.00	35.15 0.85 0.00	30.37 0.68 0.00	24.39 0.64 0.00	20.38 0.49 0.00	19.02 0.47 0.00	19.23 0.50 0.00	18.10 0.52 0.00	21.00 0.58 0.00	27.23 0.77 0.00	38.65 1.25 0.00	84.39 2.67 0.00	45.26 1.27 0.00	31.23 0.86 0.00	24.94 0.66 0.00	21.55 0.62 0.00	21.42 0.64 0.00
SELKIRK____II 23799	19.04 0.70 0.00	20.85 0.77 -1.05	17.50 0.69 -0.18	18.71 0.74 0.00	18.98 0.73 0.00	20.13 0.75 0.00	21.09 0.74 0.00	32.22 0.82 0.00	35.01 0.70 0.00	30.28 0.59 0.00	24.31 0.56 0.00	20.34 0.46 0.00	19.00 0.44 0.00	19.19 0.47 0.00	18.09 0.51 0.00	20.91 0.49 0.00	27.05 0.60 0.00	38.43 1.02 0.00	83.92 2.21 0.00	44.98 0.99 0.00	31.05 0.68 0.00	24.81 0.53 0.00	21.44 0.51 0.00	21.31 0.53 0.00

SENECA OSWGO___HYD 24041	17.72 -0.63 0.00	18.49 -0.63 -0.08	16.09 -0.56 -0.01	17.40 -0.57 0.00	17.65 -0.59 0.00	18.74 -0.64 0.00	19.69 -0.67 0.00	30.26 -1.13 0.00	33.04 -1.26 0.00	28.64 -1.05 0.00	22.98 -0.77 0.00	19.25 -0.63 0.00	17.93 -0.63 0.00	18.10 -0.63 0.00	16.98 -0.60 0.00	19.60 -0.82 0.00	25.39 -1.06 0.00	35.99 -1.42 0.00	78.85 -2.87 0.00	42.32 -1.67 0.00	29.19 -1.18 0.00	23.35 -0.93 0.00	20.20 -0.73 0.00	20.28 -0.50 0.00
SENECA___115KV_TB3 355854	15.65 -1.53 1.16	17.57 -1.60 -0.14	15.26 -1.39 -0.02	16.63 -1.34 0.00	16.84 -1.41 0.00	17.88 -1.50 0.00	18.74 -1.61 0.00	28.63 -2.76 0.00	31.34 -2.96 0.00	27.47 -2.22 0.00	22.22 -1.53 0.00	18.44 -1.45 0.00	16.98 -1.57 0.00	17.09 -1.63 0.00	16.15 -1.43 0.00	18.64 -1.77 0.00	24.26 -2.19 0.00	34.18 -3.22 0.00	75.70 -6.01 0.00	40.51 -3.49 0.00	27.83 -2.54 0.00	22.39 -1.90 0.00	19.41 -1.52 0.00	19.73 -1.05 0.00
SENECA___ENERGY 23797	17.30 -0.65 0.39	18.57 -0.59 -0.13	16.10 -0.55 -0.02	17.43 -0.54 0.00	17.70 -0.54 0.00	18.75 -0.63 0.00	19.74 -0.61 0.00	30.35 -1.04 0.00	33.07 -1.24 0.00	28.74 -0.95 0.00	23.05 -0.70 0.00	19.28 -0.60 0.00	17.93 -0.63 0.00	18.12 -0.60 0.00	17.04 -0.54 0.00	19.67 -0.75 0.00	25.51 -0.94 0.00	36.14 -1.27 0.00	79.34 -2.38 0.00	42.47 -1.52 0.00	29.25 -1.12 0.00	23.52 -0.77 0.00	20.32 -0.61 0.00	20.41 -0.37 0.00
SHOEMAKER___GT 23640	19.06 0.72 0.00	20.62 0.80 -0.78	17.46 0.70 -0.13	18.72 0.75 0.00	18.97 0.73 0.00	20.13 0.75 0.00	21.18 0.83 0.00	32.41 1.02 0.00	35.27 0.97 0.00	30.53 0.84 0.00	24.55 0.80 0.00	20.55 0.67 0.00	19.22 0.66 0.00	19.41 0.69 0.00	18.29 0.71 0.00	21.09 0.67 0.00	27.25 0.80 0.00	38.69 1.28 0.00	84.61 2.90 0.00	45.23 1.23 0.00	31.27 0.90 0.00	25.04 0.75 0.00	21.63 0.70 0.00	21.55 0.77 0.00
SHOEMAKR_138KV_BK 111 55601	19.06 0.71 0.00	20.61 0.80 -0.78	17.46 0.70 -0.13	18.72 0.75 0.00	18.97 0.73 0.00	20.12 0.74 0.00	21.17 0.82 0.00	32.40 1.01 0.00	35.27 0.97 0.00	30.54 0.85 0.00	24.55 0.80 0.00	20.56 0.67 0.00	19.22 0.66 0.00	19.42 0.69 0.00	18.29 0.71 0.00	21.08 0.66 0.00	27.25 0.79 0.00	38.66 1.26 0.00	84.55 2.84 0.00	45.21 1.21 0.00	31.26 0.89 0.00	25.03 0.75 0.00	21.63 0.70 0.00	21.55 0.77 0.00
SHOREHAM_IC_1 23715	19.90 1.56 0.00	21.73 1.82 -0.87	19.24 1.68 -0.93	19.78 1.81 0.00	44.82 1.79 -24.78	21.22 1.84 0.00	22.61 2.05 -0.21	34.09 2.70 0.00	183.68 2.50 -146.87	49.93 2.21 -18.03	25.48 1.73 0.00	21.23 1.34 0.00	19.97 1.41 0.00	20.23 1.50 0.00	19.12 1.54 0.00	21.99 1.57 0.00	28.50 2.04 0.00	40.38 2.98 0.00	87.32 6.47 0.87	46.79 2.79 0.00	32.46 2.09 0.00	26.28 2.00 0.00	22.62 1.69 0.00	22.51 1.73 0.00
SHOREHAM_IC_2 23716	19.90 1.56 0.00	21.73 1.82 -0.87	19.24 1.68 -0.93	19.78 1.81 0.00	44.82 1.79 -24.78	21.22 1.84 0.00	22.61 2.05 -0.21	34.09 2.70 0.00	183.68 2.50 -146.87	49.93 2.21 -18.03	25.48 1.73 0.00	21.23 1.34 0.00	19.97 1.41 0.00	20.23 1.50 0.00	19.12 1.54 0.00	21.99 1.57 0.00	28.50 2.04 0.00	40.38 2.98 0.00	87.32 6.47 0.87	46.79 2.79 0.00	32.46 2.09 0.00	26.28 2.00 0.00	22.62 1.69 0.00	22.51 1.73 0.00
SISSONVILLE___ 23735	17.83 -0.51 0.00	18.43 -0.61 -0.02	16.08 -0.55 0.00	17.32 -0.65 0.00	17.58 -0.66 0.00	18.68 -0.70 0.00	19.62 -0.72 0.00	30.83 -0.56 0.00	33.96 -0.35 0.00	29.41 -0.28 0.00	23.37 -0.38 0.00	19.55 -0.34 0.00	18.24 -0.31 0.00	18.33 -0.40 0.00	17.13 -0.46 0.00	20.25 -0.17 0.00	26.10 -0.35 0.00	37.00 -0.40 0.00	80.91 -0.80 0.00	43.84 -0.15 0.00	30.16 -0.21 0.00	24.11 -0.17 0.00	20.77 -0.16 0.00	20.34 -0.43 0.00
SITHE_IND_GS1 24169	17.63 -0.72 0.00	18.37 -0.73 -0.07	16.01 -0.63 -0.01	17.31 -0.66 0.00	17.56 -0.68 0.00	18.65 -0.73 0.00	19.58 -0.77 0.00	30.11 -1.28 0.00	32.87 -1.43 0.00	28.50 -1.19 0.00	22.85 -0.90 0.00	19.13 -0.75 0.00	17.83 -0.73 0.00	17.99 -0.73 0.00	16.88 -0.70 0.00	19.50 -0.92 0.00	25.23 -1.23 0.00	35.71 -1.70 0.00	78.19 -3.53 0.00	41.98 -2.01 0.00	28.95 -1.42 0.00	23.17 -1.11 0.00	20.05 -0.88 0.00	20.14 -0.64 0.00
SITHE_IND_GS2 24170	17.63 -0.72 0.00	18.37 -0.73 -0.07	16.01 -0.63 -0.01	17.31 -0.66 0.00	17.56 -0.68 0.00	18.65 -0.73 0.00	19.58 -0.77 0.00	30.11 -1.28 0.00	32.87 -1.43 0.00	28.50 -1.19 0.00	22.85 -0.90 0.00	19.13 -0.75 0.00	17.83 -0.73 0.00	17.99 -0.73 0.00	16.88 -0.70 0.00	19.50 -0.92 0.00	25.23 -1.23 0.00	35.71 -1.70 0.00	78.19 -3.53 0.00	41.98 -2.01 0.00	28.95 -1.42 0.00	23.17 -1.11 0.00	20.05 -0.88 0.00	20.14 -0.64 0.00
SITHE_IND_GS3 24171	17.63 -0.72 0.00	18.37 -0.73 -0.07	16.01 -0.63 -0.01	17.31 -0.66 0.00	17.56 -0.68 0.00	18.65 -0.73 0.00	19.58 -0.77 0.00	30.11 -1.28 0.00	32.87 -1.43 0.00	28.50 -1.19 0.00	22.85 -0.90 0.00	19.13 -0.75 0.00	17.83 -0.73 0.00	17.99 -0.73 0.00	16.88 -0.70 0.00	19.50 -0.92 0.00	25.23 -1.23 0.00	35.71 -1.70 0.00	78.19 -3.53 0.00	41.98 -2.01 0.00	28.95 -1.42 0.00	23.17 -1.11 0.00	20.05 -0.88 0.00	20.14 -0.64 0.00
SITHE_IND_GS4 24172	17.63 -0.72 0.00	18.37 -0.73 -0.07	16.01 -0.63 -0.01	17.31 -0.66 0.00	17.56 -0.68 0.00	18.65 -0.73 0.00	19.58 -0.77 0.00	30.11 -1.28 0.00	32.87 -1.43 0.00	28.50 -1.19 0.00	22.85 -0.90 0.00	19.13 -0.75 0.00	17.83 -0.73 0.00	17.99 -0.73 0.00	16.88 -0.70 0.00	19.50 -0.92 0.00	25.23 -1.23 0.00	35.71 -1.70 0.00	78.19 -3.53 0.00	41.98 -2.01 0.00	28.95 -1.42 0.00	23.17 -1.11 0.00	20.05 -0.88 0.00	20.14 -0.64 0.00
SITHE___BATAVIA 24024	16.17 -1.23 0.94	17.86 -1.29 -0.13	15.52 -1.13 -0.02	16.88 -1.09 0.00	17.12 -1.12 0.00	18.17 -1.21 0.00	19.03 -1.32 0.00	29.09 -2.30 0.00	31.83 -2.48 0.00	27.83 -1.86 0.00	22.51 -1.24 0.00	18.62 -1.27 0.00	17.17 -1.39 0.00	17.23 -1.49 0.00	16.32 -1.26 0.00	18.86 -1.56 0.00	24.64 -1.81 0.00	34.91 -2.50 0.00	77.21 -4.51 0.00	41.26 -2.74 0.00	28.31 -2.06 0.00	22.72 -1.56 0.00	19.33 -1.28 0.32	19.90 -0.88 0.00
SITHE___INDEPEND 23800	17.62 -0.72 0.00	18.37 -0.73 -0.07	16.01 -0.63 -0.01	17.31 -0.66 0.00	17.56 -0.68 0.00	18.65 -0.73 0.00	19.58 -0.77 0.00	30.11 -1.28 0.00	32.86 -1.44 0.00	28.50 -1.19 0.00	22.85 -0.90 0.00	19.13 -0.75 0.00	17.83 -0.73 0.00	17.99 -0.73 0.00	16.88 -0.70 0.00	19.50 -0.92 0.00	25.23 -1.23 0.00	35.71 -1.70 0.00	78.20 -3.52 0.00	41.98 -2.01 0.00	28.95 -1.42 0.00	23.17 -1.11 0.00	20.05 -0.88 0.00	20.14 -0.64 0.00
SITHE___MASSENA 23902	18.23 -0.12 0.00	18.84 -0.19 0.00	16.46 -0.17 0.00	17.76 -0.22 0.00	18.06 -0.18 0.00	19.24 -0.14 0.00	20.20 -0.15 0.00	31.62 0.23 0.00	34.75 0.45 0.00	30.07 0.38 0.00	23.84 0.09 0.00	19.94 0.05 0.00	18.63 0.07 0.00	18.75 0.02 0.00	17.54 -0.04 0.00	20.67 0.25 0.00	26.72 0.27 0.00	37.73 0.32 0.00	82.29 0.58 0.00	44.58 0.58 0.00	30.72 0.34 0.00	24.58 0.30 0.00	21.13 0.20 0.00	20.68 -0.10 0.00

SITHE___OGDNSBRG 24021	18.37 0.03 0.00	18.97 -0.06 0.00	16.56 -0.07 0.00	17.85 -0.13 0.00	18.15 -0.10 0.00	19.33 -0.05 0.00	20.28 -0.07 0.00	31.86 0.47 0.00	35.06 0.76 0.00	30.36 0.67 0.00	24.05 0.30 0.00	20.04 0.15 0.00	18.67 0.11 0.00	18.81 0.08 0.00	17.56 -0.02 0.00	20.74 0.32 0.00	26.85 0.40 0.00	38.14 0.74 0.00	83.39 1.67 0.00	45.17 1.17 0.00	31.10 0.73 0.00	24.86 0.58 0.00	21.36 0.43 0.00	20.86 0.09 0.00
SITHE___STERLING 23777	18.53 0.19 0.00	19.32 0.23 -0.06	16.83 0.19 -0.01	18.19 0.22 0.00	18.45 0.21 0.00	19.61 0.23 0.00	20.64 0.29 0.00	31.78 0.39 0.00	34.73 0.42 0.00	30.04 0.35 0.00	23.99 0.24 0.00	20.08 0.20 0.00	18.75 0.19 0.00	18.98 0.25 0.00	17.84 0.26 0.00	20.69 0.28 0.00	26.84 0.39 0.00	38.04 0.63 0.00	83.40 1.69 0.00	44.74 0.75 0.00	30.85 0.48 0.00	24.67 0.38 0.00	21.26 0.33 0.00	21.19 0.41 0.00
SLEIGHT__34_KV_TB1 80719	16.99 -0.90 0.45	18.23 -0.91 -0.12	15.84 -0.81 -0.02	17.17 -0.81 0.00	17.41 -0.83 0.00	18.49 -0.89 0.00	19.43 -0.92 0.00	29.87 -1.53 0.00	32.60 -1.70 0.00	28.34 -1.35 0.00	22.80 -0.95 0.00	19.05 -0.83 0.00	17.68 -0.87 0.00	17.83 -0.90 0.00	16.78 -0.80 0.00	19.39 -1.03 0.00	25.21 -1.25 0.00	35.71 -1.70 0.00	78.50 -3.22 0.00	42.03 -1.97 0.00	28.89 -1.48 0.00	23.16 -1.12 0.00	20.00 -0.93 0.00	20.12 -0.65 0.00
SOUTH CAIRO___GT 23612	19.81 1.47 0.00	21.57 1.54 -1.00	18.16 1.36 -0.17	19.44 1.46 0.00	19.74 1.50 0.00	20.96 1.59 0.00	21.97 1.62 0.00	33.57 2.18 0.00	36.41 2.11 0.00	31.44 1.75 0.00	25.16 1.41 0.00	20.83 0.94 0.00	19.50 0.95 0.00	19.58 0.85 0.00	18.41 0.82 0.00	21.51 1.10 0.00	28.25 1.80 0.00	40.39 2.99 0.00	88.10 6.38 0.00	47.14 3.14 0.00	32.42 2.05 0.00	25.83 1.55 0.00	22.26 1.33 0.00	22.08 1.30 0.00
SOUTH HAMPTN___IC 23720	20.04 1.70 0.00	21.87 1.96 -0.87	19.37 1.81 -0.93	19.93 1.96 0.00	44.97 1.94 -24.78	21.39 2.01 0.00	22.79 2.24 -0.21	34.35 2.96 0.00	183.92 2.68 -146.93	50.18 2.46 -18.03	25.68 1.92 0.00	21.40 1.52 0.00	20.14 1.59 0.00	20.40 1.68 0.00	19.28 1.70 0.00	22.17 1.75 0.00	28.73 2.28 0.00	40.67 3.27 0.00	87.90 7.05 0.87	47.04 3.04 0.00	32.61 2.24 0.00	26.41 2.12 0.00	22.77 1.83 0.00	22.63 1.85 0.00
SOUTHDOW__115KV_TB1 355954	15.52 -1.33 1.50	17.90 -1.29 -0.16	15.54 -1.11 -0.03	16.97 -1.01 0.00	17.12 -1.13 0.00	18.21 -1.17 0.00	19.18 -1.17 0.00	29.31 -2.08 0.00	32.12 -2.18 0.00	28.16 -1.53 0.00	22.79 -0.96 0.00	18.92 -0.96 0.00	17.42 -1.13 0.00	17.70 -1.03 0.00	16.59 -1.00 0.00	19.24 -1.18 0.00	24.89 -1.57 0.00	35.08 -2.33 0.00	78.41 -3.30 0.00	41.82 -2.18 0.00	28.77 -1.59 0.00	23.25 -1.04 0.00	20.11 -0.82 0.00	20.44 -0.34 0.00
SOUTHOLD_69_KV_BK 2 55809	20.24 1.89 0.00	22.07 2.17 -0.87	19.56 2.00 -0.93	20.14 2.17 0.00	45.19 2.17 -24.78	21.64 2.26 0.00	23.06 2.50 -0.21	34.68 3.29 0.00	183.66 2.42 -146.93	50.54 2.82 -18.03	25.95 2.20 0.00	21.62 1.74 0.00	20.36 1.81 0.00	20.62 1.90 0.00	19.48 1.90 0.00	22.41 1.99 0.00	29.07 2.62 0.00	41.06 3.66 0.00	88.65 7.81 0.87	47.32 3.33 0.00	32.77 2.40 0.00	26.56 2.28 0.00	22.96 2.03 0.00	22.80 2.02 0.00
SOUTHOLD___IC 23719	20.23 1.89 0.00	22.07 2.17 -0.87	19.56 2.00 -0.93	20.14 2.17 0.00	45.19 2.16 -24.78	21.64 2.26 0.00	23.06 2.50 -0.21	34.69 3.30 0.00	183.65 2.42 -146.93	50.54 2.82 -18.03	25.95 2.20 0.00	21.62 1.74 0.00	20.36 1.81 0.00	20.62 1.90 0.00	19.48 1.90 0.00	22.41 1.99 0.00	29.07 2.62 0.00	41.07 3.66 0.00	88.77 7.92 0.87	47.32 3.33 0.00	32.77 2.40 0.00	26.56 2.28 0.00	22.95 2.02 0.00	22.80 2.02 0.00
SOUTH_FORK_WT_PWR 323839	20.21 1.86 0.00	22.06 2.15 -0.87	19.56 2.00 -0.93	20.14 2.17 0.00	45.18 2.16 -24.78	21.64 2.26 0.00	23.05 2.49 -0.21	34.71 3.32 0.00	183.93 2.70 -146.93	50.52 2.80 -18.03	25.94 2.19 0.00	21.60 1.72 0.00	20.34 1.78 0.00	20.61 1.88 0.00	19.46 1.88 0.00	22.39 1.97 0.00	29.05 2.60 0.00	40.96 3.56 0.00	88.47 7.63 0.87	47.05 3.06 0.00	32.58 2.21 0.00	26.45 2.16 0.00	22.89 1.96 0.00	22.74 1.97 0.00
SPIERFLS_115KV_TB 1 80737	19.27 0.93 0.00	21.16 1.04 -1.09	17.71 0.90 -0.18	18.93 0.96 0.00	19.21 0.96 0.00	20.42 1.04 0.00	21.48 1.13 0.00	32.90 1.51 0.00	35.61 1.31 0.00	30.79 1.10 0.00	24.67 0.92 0.00	20.72 0.83 0.00	19.31 0.76 0.00	19.49 0.76 0.00	18.42 0.83 0.00	21.45 1.03 0.00	27.79 1.34 0.00	39.54 2.13 0.00	86.29 4.58 0.00	46.21 2.21 0.00	31.81 1.44 0.00	25.27 0.99 0.00	21.79 0.86 0.00	21.59 0.81 0.00
ST LAWRENCE____ 23600	18.09 -0.25 0.00	18.69 -0.34 0.00	16.33 -0.30 0.00	17.63 -0.34 0.00	17.93 -0.31 0.00	19.12 -0.26 0.00	20.06 -0.29 0.00	31.30 -0.09 0.00	34.40 0.10 0.00	29.76 0.07 0.00	23.64 -0.11 0.00	19.78 -0.11 0.00	18.49 -0.07 0.00	18.62 -0.11 0.00	17.42 -0.16 0.00	20.46 0.04 0.00	26.54 0.09 0.00	37.42 0.01 0.00	81.57 -0.14 0.00	44.18 0.19 0.00	30.47 0.10 0.00	24.34 0.06 0.00	20.89 -0.04 0.00	20.50 -0.28 0.00
STATE_CA_115KV_115_LB 55624	19.16 0.81 0.00	20.98 0.88 -1.06	17.60 0.80 -0.18	18.80 0.83 0.00	19.08 0.84 0.00	20.23 0.85 0.00	21.19 0.84 0.00	32.30 0.91 0.00	35.09 0.79 0.00	30.35 0.66 0.00	24.37 0.62 0.00	20.40 0.52 0.00	19.05 0.49 0.00	19.25 0.52 0.00	18.17 0.59 0.00	20.99 0.58 0.00	27.15 0.70 0.00	38.58 1.17 0.00	84.21 2.49 0.00	45.14 1.15 0.00	31.15 0.78 0.00	24.87 0.59 0.00	21.49 0.56 0.00	21.35 0.57 0.00
STATE_ST_34_KV_LOAD 55959	18.47 -0.28 -0.41	18.92 -0.24 -0.12	16.44 -0.21 -0.02	17.77 -0.20 0.00	18.04 -0.20 0.00	19.09 -0.29 0.00	20.14 -0.21 0.00	30.99 -0.41 0.00	33.69 -0.61 0.00	29.28 -0.41 0.00	23.49 -0.26 0.00	19.67 -0.22 0.00	18.30 -0.26 0.00	18.48 -0.24 0.00	17.39 -0.19 0.00	20.11 -0.30 0.00	26.04 -0.42 0.00	36.89 -0.51 0.00	80.97 -0.74 0.00	43.30 -0.69 0.00	29.78 -0.59 0.00	23.96 -0.32 0.00	20.68 -0.25 0.00	20.75 -0.03 0.00
STATION 5_MISC_HYD 23604	16.47 -1.08 0.79	18.03 -1.12 -0.12	15.65 -0.99 -0.02	16.99 -0.98 0.00	17.24 -1.01 0.00	18.29 -1.09 0.00	19.18 -1.17 0.00	29.41 -1.98 0.00	32.16 -2.15 0.00	28.02 -1.67 0.00	22.60 -1.15 0.00	18.82 -1.07 0.00	17.43 -1.12 0.00	17.56 -1.16 0.00	16.56 -1.02 0.00	19.14 -1.28 0.00	24.90 -1.55 0.00	35.22 -2.18 0.00	77.59 -4.13 0.00	41.53 -2.47 0.00	28.53 -1.84 0.00	22.88 -1.41 0.00	19.58 -1.15 0.20	19.95 -0.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.77 -0.75 0.83	18.41 -0.74 -0.12	15.97 -0.67 -0.02	17.33 -0.64 0.00	17.58 -0.66 0.00	18.66 -0.72 0.00	19.61 -0.74 0.00	30.12 -1.27 0.00	32.89 -1.41 0.00	28.61 -1.08 0.00	23.01 -0.74 0.00	19.20 -0.69 0.00	17.81 -0.74 0.00	17.97 -0.75 0.00	16.93 -0.65 0.00	19.55 -0.87 0.00	25.42 -1.03 0.00	36.02 -1.38 0.00	79.25 -2.46 0.00	42.41 -1.58 0.00	29.18 -1.19 0.00	23.39 -0.89 0.00	20.21 -0.72 0.00	20.33 -0.44 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	16.44 -1.13 0.78	17.98 -1.17 -0.12	15.62 -1.03 -0.02	16.96 -1.01 0.00	17.18 -1.06 0.00	18.25 -1.13 0.00	19.14 -1.21 0.00	29.38 -2.02 0.00	32.10 -2.21 0.00	27.97 -1.71 0.00	22.55 -1.20 0.00	18.79 -1.10 0.00	17.41 -1.15 0.00	17.54 -1.18 0.00	16.54 -1.04 0.00	19.10 -1.31 0.00	24.86 -1.60 0.00	35.18 -2.22 0.00	77.45 -4.26 0.00	41.45 -2.55 0.00	28.50 -1.87 0.00	22.83 -1.46 0.00	19.73 -1.20 0.00	19.89 -0.89 0.00
STA_56___34_KV_BUS2 355983	16.44 -1.13 0.78	17.98 -1.17 -0.12	15.62 -1.03 -0.02	16.96 -1.01 0.00	17.18 -1.06 0.00	18.25 -1.13 0.00	19.14 -1.21 0.00	29.38 -2.02 0.00	32.10 -2.21 0.00	27.97 -1.71 0.00	22.55 -1.20 0.00	18.79 -1.10 0.00	17.41 -1.15 0.00	17.54 -1.18 0.00	16.54 -1.04 0.00	19.10 -1.31 0.00	24.86 -1.60 0.00	35.18 -2.22 0.00	77.45 -4.26 0.00	41.45 -2.55 0.00	28.50 -1.87 0.00	22.83 -1.46 0.00	19.73 -1.20 0.00	19.89 -0.89 0.00
STA_67___115KV_BK2 355882	16.44 -1.11 0.79	17.99 -1.16 -0.12	15.63 -1.02 -0.02	16.98 -1.00 0.00	17.20 -1.04 0.00	18.26 -1.12 0.00	19.14 -1.21 0.00	29.36 -2.03 0.00	32.09 -2.21 0.00	27.97 -1.71 0.00	22.55 -1.20 0.00	18.79 -1.10 0.00	17.40 -1.16 0.00	17.53 -1.20 0.00	16.53 -1.05 0.00	19.10 -1.32 0.00	24.85 -1.60 0.00	35.15 -2.26 0.00	77.41 -4.30 0.00	41.43 -2.56 0.00	28.47 -1.90 0.00	22.82 -1.47 0.00	19.74 -1.20 0.00	19.91 -0.87 0.00
STA_7___115KV_9TRANS 80674	16.54 -1.02 0.79	18.09 -1.06 -0.12	15.71 -0.94 -0.02	17.06 -0.91 0.00	17.29 -0.95 0.00	18.35 -1.03 0.00	19.25 -1.10 0.00	29.54 -1.86 0.00	32.29 -2.02 0.00	28.14 -1.55 0.00	22.69 -1.06 0.00	18.90 -0.99 0.00	17.50 -1.05 0.00	17.64 -1.09 0.00	16.63 -0.95 0.00	19.22 -1.20 0.00	25.01 -1.44 0.00	35.40 -2.00 0.00	77.99 -3.72 0.00	41.74 -2.25 0.00	28.68 -1.69 0.00	22.98 -1.30 0.00	19.87 -1.06 0.00	20.04 -0.74 0.00
STA_82___115KV_TB1 80780	16.43 -1.11 0.80	18.00 -1.15 -0.12	15.63 -1.02 -0.02	16.98 -0.99 0.00	17.20 -1.04 0.00	18.27 -1.11 0.00	19.15 -1.20 0.00	29.37 -2.02 0.00	32.09 -2.21 0.00	27.98 -1.71 0.00	22.56 -1.19 0.00	18.79 -1.10 0.00	17.40 -1.15 0.00	17.53 -1.20 0.00	16.54 -1.04 0.00	19.10 -1.31 0.00	24.85 -1.60 0.00	35.16 -2.24 0.00	77.44 -4.28 0.00	41.44 -2.55 0.00	28.49 -1.88 0.00	22.83 -1.45 0.00	19.74 -1.19 0.00	19.92 -0.86 0.00
STEEL___WIND 323596	15.64 -1.55 1.16	17.55 -1.62 -0.14	15.24 -1.41 -0.02	16.60 -1.38 0.00	16.83 -1.42 0.00	17.85 -1.53 0.00	18.71 -1.64 0.00	28.58 -2.81 0.00	31.30 -3.00 0.00	27.42 -2.27 0.00	22.21 -1.54 0.00	18.41 -1.48 0.00	16.96 -1.59 0.00	17.06 -1.67 0.00	16.12 -1.47 0.00	18.61 -1.81 0.00	24.22 -2.23 0.00	34.11 -3.29 0.00	75.61 -6.10 0.00	40.44 -3.56 0.00	27.80 -2.57 0.00	22.37 -1.91 0.00	18.91 -1.54 0.47	19.71 -1.08 0.00
STEPHTWN_115KV_BK_2 55603	19.25 0.91 0.00	21.13 1.05 -1.05	17.71 0.90 -0.18	18.92 0.95 0.00	19.21 0.97 0.00	20.36 0.98 0.00	21.33 0.98 0.00	32.53 1.14 0.00	35.38 1.08 0.00	30.56 0.87 0.00	24.57 0.82 0.00	20.51 0.62 0.00	19.15 0.59 0.00	19.38 0.65 0.00	18.26 0.68 0.00	21.13 0.72 0.00	27.35 0.90 0.00	38.88 1.48 0.00	84.89 3.18 0.00	45.45 1.46 0.00	31.33 0.96 0.00	25.04 0.75 0.00	21.63 0.70 0.00	21.47 0.69 0.00
STEUBEN_REC_LFGE 323667	11.79 -1.34 5.22	18.41 -0.83 -0.21	15.65 -1.02 -0.04	17.02 -0.96 0.00	17.59 -0.65 0.00	18.26 -1.12 0.00	19.34 -1.01 0.00	29.67 -1.72 0.00	32.54 -1.76 0.00	28.45 -1.23 0.00	22.63 -1.13 0.00	18.98 -0.90 0.00	17.44 -1.12 0.00	17.68 -1.04 0.00	16.77 -0.81 0.00	19.29 -1.12 0.00	24.81 -1.64 0.00	34.98 -2.42 0.00	77.37 -4.34 0.00	41.38 -2.61 0.00	28.54 -1.83 0.00	23.27 -1.01 0.00	20.41 -0.52 0.00	20.63 -0.15 0.00
STILLWATER___SOLAR 323814	19.30 0.96 0.00	21.18 1.07 -1.08	17.74 0.93 -0.18	18.97 1.00 0.00	19.24 1.00 0.00	20.43 1.05 0.00	21.47 1.12 0.00	32.86 1.47 0.00	35.63 1.33 0.00	30.80 1.11 0.00	24.66 0.91 0.00	20.71 0.82 0.00	19.28 0.72 0.00	19.44 0.72 0.00	18.39 0.81 0.00	21.37 0.95 0.00	27.67 1.22 0.00	39.33 1.92 0.00	85.90 4.18 0.00	46.03 2.03 0.00	31.72 1.35 0.00	25.26 0.98 0.00	21.81 0.88 0.00	21.64 0.86 0.00
STONY___BROOK 24151	19.85 1.51 0.00	21.61 1.71 -0.87	19.12 1.55 -0.93	19.64 1.67 0.00	44.68 1.65 -24.78	21.07 1.69 0.00	22.45 1.89 -0.21	33.88 2.49 0.00	183.43 2.37 -146.76	49.80 2.08 -18.03	25.42 1.67 0.00	21.28 1.39 0.00	20.02 1.47 0.00	20.26 1.53 0.00	19.12 1.54 0.00	21.98 1.57 0.00	28.36 1.91 0.00	40.19 2.79 0.00	86.87 6.03 0.87	46.64 2.65 0.00	32.38 2.01 0.00	26.16 1.88 0.00	22.52 1.58 0.00	22.40 1.62 0.00
STURGEON_POOL_HYD 23609	19.24 0.90 0.00	20.91 0.99 -0.88	17.65 0.87 -0.15	18.90 0.93 0.00	19.13 0.89 0.00	20.28 0.91 0.00	21.38 1.03 0.00	32.70 1.31 0.00	35.61 1.30 0.00	30.87 1.19 0.00	24.80 1.05 0.00	20.79 0.91 0.00	19.48 0.93 0.00	19.67 0.95 0.00	18.53 0.96 0.00	21.30 0.88 0.00	27.46 1.01 0.00	39.01 1.61 0.00	85.31 3.60 0.00	45.56 1.57 0.00	31.55 1.18 0.00	25.27 0.99 0.00	21.83 0.90 0.00	21.76 0.98 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.13 0.79 0.00	20.70 0.87 -0.80	17.53 0.76 -0.13	18.78 0.81 0.00	19.03 0.79 0.00	20.19 0.81 0.00	21.26 0.91 0.00	32.51 1.12 0.00	35.40 1.10 0.00	30.66 0.97 0.00	24.67 0.92 0.00	20.65 0.76 0.00	19.30 0.75 0.00	19.49 0.77 0.00	18.38 0.80 0.00	21.16 0.74 0.00	27.33 0.88 0.00	38.80 1.39 0.00	84.87 3.16 0.00	45.34 1.35 0.00	31.36 0.99 0.00	25.11 0.83 0.00	21.71 0.78 0.00	21.63 0.85 0.00
SWANROAD_115KV_TB1 355699	15.31 -2.00 1.03	17.06 -2.10 -0.13	14.84 -1.82 -0.02	16.18 -1.80 0.00	16.36 -1.88 0.00	17.37 -2.01 0.00	18.14 -2.21 0.00	27.62 -3.77 0.00	30.22 -4.09 0.00	26.50 -3.18 0.00	21.44 -2.31 0.00	17.78 -2.10 0.00	16.39 -2.16 0.00	16.46 -2.27 0.00	15.60 -1.98 0.00	17.98 -2.43 0.00	23.44 -3.01 0.00	32.99 -4.42 0.00	72.90 -8.81 0.00	39.03 -4.97 0.00	26.79 -3.58 0.00	21.53 -2.75 0.00	18.69 -2.24 0.00	18.98 -1.80 0.00
SYNERGY___BIOGAS 323694	16.17 -1.23 0.94	17.86 -1.29 -0.13	15.52 -1.13 -0.02	16.88 -1.09 0.00	17.12 -1.12 0.00	18.17 -1.21 0.00	19.03 -1.32 0.00	29.09 -2.30 0.00	31.83 -2.48 0.00	27.83 -1.86 0.00	22.51 -1.24 0.00	18.62 -1.27 0.00	17.17 -1.39 0.00	17.23 -1.49 0.00	16.32 -1.26 0.00	18.86 -1.56 0.00	24.64 -1.81 0.00	34.91 -2.50 0.00	77.21 -4.51 0.00	41.26 -2.74 0.00	28.31 -2.06 0.00	22.72 -1.56 0.00	19.33 -1.28 0.32	19.90 -0.88 0.00
SYRACUSE___ENERGY_ST1 323597	17.97 -0.37 0.00	18.78 -0.35 -0.10	16.33 -0.32 -0.02	17.66 -0.31 0.00	17.91 -0.33 0.00	19.01 -0.37 0.00	19.99 -0.36 0.00	30.73 -0.66 0.00	33.53 -0.77 0.00	29.07 -0.62 0.00	23.32 -0.43 0.00	19.53 -0.35 0.00	18.19 -0.37 0.00	18.37 -0.36 0.00	17.26 -0.32 0.00	19.94 -0.48 0.00	25.82 -0.63 0.00	36.55 -0.85 0.00	80.13 -1.59 1.00	42.95 -1.04 0.00	29.61 -0.76 0.00	23.71 -0.57 0.00	20.50 -0.43 0.00	20.58 -0.20 0.00

SYRACUSE___ENERGY_ST2 323598	17.97 -0.37 0.00	18.78 -0.35 -0.10	16.33 -0.32 -0.02	17.66 -0.31 0.00	17.91 -0.33 0.00	19.01 -0.37 0.00	19.99 -0.36 0.00	30.73 -0.66 0.00	33.53 -0.77 0.00	29.07 -0.62 0.00	23.32 -0.43 0.00	19.53 -0.35 0.00	18.19 -0.37 0.00	18.37 -0.36 0.00	17.26 -0.32 0.00	19.94 -0.48 0.00	25.82 -0.63 0.00	36.55 -0.85 0.00	80.13 -1.59 0.00	42.95 -1.04 0.00	29.61 -0.76 0.00	23.71 -0.57 0.00	20.50 -0.43 0.00	20.58 -0.20 0.00
SYRACUSE___POWER 24017	18.25 -0.39 -0.30	18.77 -0.36 -0.11	16.32 -0.33 -0.02	17.65 -0.32 0.00	17.90 -0.34 0.00	19.00 -0.38 0.00	19.97 -0.38 0.00	30.70 -0.69 0.00	33.52 -0.78 0.00	29.05 -0.64 0.00	23.30 -0.45 0.00	19.51 -0.37 0.00	18.18 -0.38 0.00	18.37 -0.36 0.00	17.25 -0.33 0.00	19.93 -0.48 0.00	25.82 -0.63 0.00	36.57 -0.84 0.00	80.17 -1.54 0.00	42.98 -1.02 0.00	29.64 -0.73 0.00	23.72 -0.56 0.00	20.51 -0.42 0.00	20.58 -0.20 0.00
TALLMAN__138KV_BK151 55660	19.26 0.92 0.00	20.86 1.00 -0.83	17.65 0.88 -0.14	18.91 0.94 0.00	19.16 0.92 0.00	20.32 0.94 0.00	21.41 1.06 0.00	32.72 1.33 0.00	35.61 1.30 0.00	30.87 1.18 0.00	24.85 1.10 0.00	20.79 0.91 0.00	19.45 0.89 0.00	19.64 0.92 0.00	18.51 0.93 0.00	21.30 0.88 0.00	27.50 1.04 0.00	39.03 1.62 0.00	85.37 3.65 0.00	45.58 1.58 0.00	31.55 1.18 0.00	25.28 1.00 0.00	21.84 0.91 0.00	21.78 1.00 0.00
TEALLAVE_115KV_TB7 355573	17.85 -0.49 0.00	18.64 -0.48 -0.09	16.23 -0.42 -0.02	17.55 -0.43 0.00	17.80 -0.44 0.00	18.89 -0.49 0.00	19.85 -0.50 0.00	30.50 -0.89 0.00	33.30 -1.00 0.00	28.87 -0.82 0.00	23.16 -0.59 0.00	19.40 -0.49 0.00	18.07 -0.49 0.00	18.25 -0.48 0.00	17.14 -0.44 0.00	19.79 -0.62 0.00	25.63 -0.82 0.00	36.30 -1.10 0.00	79.58 -2.13 0.00	42.67 -1.32 0.00	29.43 -0.94 0.00	23.55 -0.73 0.00	20.37 -0.56 0.00	20.45 -0.33 0.00
TELGRAPH_34_KV_EAST 80808	15.82 -1.55 0.97	17.54 -1.63 -0.13	15.25 -1.41 -0.02	16.61 -1.36 0.00	16.82 -1.43 0.00	17.85 -1.52 0.00	18.68 -1.67 0.00	28.52 -2.87 0.00	31.20 -3.10 0.00	27.33 -2.36 0.00	22.09 -1.66 0.00	18.29 -1.60 0.00	16.87 -1.68 0.00	16.94 -1.78 0.00	16.05 -1.53 0.00	18.53 -1.89 0.00	24.17 -2.28 0.00	34.13 -3.27 0.00	75.47 -6.25 0.00	40.35 -3.64 0.00	27.69 -2.68 0.00	22.24 -2.04 0.00	19.27 -1.66 0.00	19.54 -1.24 0.00
TEMPLE___115KV_TB 2 55572	17.85 -0.48 0.00	18.65 -0.47 -0.09	16.23 -0.42 -0.02	17.56 -0.41 0.00	17.80 -0.44 0.00	18.90 -0.48 0.00	19.86 -0.49 0.00	30.52 -0.87 0.00	33.32 -0.98 0.00	28.89 -0.80 0.00	23.18 -0.57 0.00	19.41 -0.48 0.00	18.07 -0.49 0.00	18.26 -0.46 0.00	17.15 -0.43 0.00	19.81 -0.61 0.00	25.65 -0.80 0.00	36.32 -1.08 0.00	79.64 -2.08 0.00	42.70 -1.30 0.00	29.44 -0.93 0.00	23.56 -0.72 0.00	20.38 -0.55 0.00	20.46 -0.32 0.00
TIANA____69_KV_BK 1 55817	20.01 1.67 0.00	21.83 1.92 -0.87	19.33 1.77 -0.93	19.88 1.91 0.00	44.92 1.89 -24.78	21.33 1.96 0.00	22.74 2.18 -0.21	34.29 2.90 0.00	183.88 2.65 -146.93	50.10 2.38 -18.03	25.62 1.87 0.00	21.36 1.48 0.00	20.11 1.56 0.00	20.36 1.64 0.00	19.24 1.66 0.00	22.13 1.71 0.00	28.67 2.21 0.00	40.61 3.20 0.00	87.73 6.89 0.87	47.01 3.01 0.00	32.61 2.24 0.00	26.38 2.10 0.00	22.73 1.80 0.00	22.60 1.82 0.00
TILDEN___115KV_TB1 80814	18.25 -0.39 -0.30	18.77 -0.36 -0.11	16.32 -0.33 -0.02	17.65 -0.32 0.00	17.90 -0.34 0.00	19.00 -0.38 0.00	19.97 -0.38 0.00	30.70 -0.69 0.00	33.52 -0.78 0.00	29.05 -0.64 0.00	23.30 -0.45 0.00	19.51 -0.37 0.00	18.18 -0.38 0.00	18.37 -0.36 0.00	17.25 -0.33 0.00	19.93 -0.48 0.00	25.82 -0.63 0.00	36.57 -0.84 0.00	80.17 -1.54 0.00	42.98 -1.02 0.00	29.64 -0.73 0.00	23.72 -0.56 0.00	20.51 -0.42 0.00	20.58 -0.20 0.00
TRIGEN___CC 323695	19.64 1.30 0.00	21.34 1.44 -0.87	18.85 1.29 -0.93	19.34 1.37 0.00	44.37 1.35 -24.78	20.74 1.36 0.00	22.09 1.53 -0.21	33.37 1.98 0.00	155.82 2.04 -119.49	49.55 1.83 -18.03	25.21 1.46 0.00	21.14 1.25 0.00	19.84 1.28 0.00	20.05 1.33 0.00	18.92 1.34 0.00	21.74 1.33 0.00	28.01 1.55 0.00	39.66 2.25 0.00	86.07 4.64 0.28	46.08 2.09 0.00	32.03 1.66 0.00	25.78 1.50 0.00	22.24 1.31 0.00	22.14 1.36 0.00
TRINITY__115KV__ 4 BK 55933	19.11 0.77 0.00	20.93 0.84 -1.05	17.57 0.76 -0.18	18.77 0.79 0.00	19.04 0.80 0.00	20.19 0.81 0.00	21.14 0.79 0.00	32.22 0.82 0.00	34.99 0.68 0.00	30.25 0.56 0.00	24.30 0.55 0.00	20.34 0.45 0.00	18.99 0.44 0.00	19.20 0.47 0.00	18.12 0.53 0.00	20.92 0.51 0.00	27.05 0.59 0.00	38.45 1.05 0.00	83.91 2.20 0.00	44.98 0.99 0.00	31.05 0.68 0.00	24.79 0.51 0.00	21.44 0.50 0.00	21.29 0.51 0.00
UNION___PROCESSING_DRP 323587	16.43 -1.11 0.80	18.00 -1.15 -0.12	15.64 -1.01 -0.02	16.98 -0.99 0.00	17.21 -1.03 0.00	18.27 -1.11 0.00	19.15 -1.20 0.00	29.38 -2.01 0.00	32.11 -2.19 0.00	27.99 -1.70 0.00	22.57 -1.18 0.00	18.80 -1.09 0.00	17.41 -1.15 0.00	17.54 -1.18 0.00	16.54 -1.04 0.00	19.11 -1.31 0.00	24.86 -1.60 0.00	35.17 -2.23 0.00	77.46 -4.25 0.00	41.46 -2.54 0.00	28.50 -1.87 0.00	22.84 -1.45 0.00	19.74 -1.19 0.00	19.93 -0.86 0.00
UPPER HUDSON___HYD 24058	19.27 0.93 0.00	21.16 1.04 -1.09	17.71 0.90 -0.18	18.93 0.96 0.00	19.20 0.96 0.00	20.42 1.04 0.00	21.48 1.13 0.00	32.90 1.51 0.00	35.61 1.31 0.00	30.79 1.10 0.00	24.67 0.92 0.00	20.72 0.83 0.00	19.31 0.76 0.00	19.49 0.76 0.00	18.42 0.83 0.00	21.45 1.03 0.00	27.79 1.33 0.00	39.54 2.13 0.00	86.29 4.57 0.00	46.21 2.21 0.00	31.81 1.44 0.00	25.27 0.99 0.00	21.79 0.86 0.00	21.59 0.81 0.00
UPPER RAQUET___HYD 24056	17.83 -0.51 0.00	18.43 -0.61 -0.02	16.08 -0.55 0.00	17.32 -0.65 0.00	17.58 -0.66 0.00	18.68 -0.70 0.00	19.62 -0.72 0.00	30.83 -0.56 0.00	33.96 -0.35 0.00	29.41 -0.28 0.00	23.37 -0.38 0.00	19.55 -0.34 0.00	18.24 -0.31 0.00	18.33 -0.40 0.00	17.13 -0.46 0.00	20.24 -0.17 0.00	26.10 -0.35 0.00	37.00 -0.40 0.00	80.91 -0.80 0.00	43.84 -0.15 0.00	30.16 -0.21 0.00	24.11 -0.17 0.00	20.77 -0.16 0.00	20.34 -0.43 0.00
VALLEY44_115KV_TB2 355964	15.86 -0.94 1.54	18.25 -0.94 -0.16	15.81 -0.85 -0.03	17.24 -0.74 0.00	17.44 -0.80 0.00	18.45 -0.93 0.00	19.16 -1.19 0.00	29.19 -2.20 0.00	31.99 -2.32 0.00	27.98 -1.70 0.00	22.61 -1.14 0.00	18.87 -1.02 0.00	17.57 -0.99 0.00	17.87 -0.85 0.00	16.85 -0.74 0.00	19.48 -0.94 0.00	25.10 -1.36 0.00	35.11 -2.30 0.00	77.46 -4.25 0.00	41.25 -2.74 0.00	28.33 -2.03 0.00	22.95 -1.34 0.00	20.01 -0.92 0.00	20.42 -0.36 0.00
VALLEY___115KV_TB 1-4 80826	18.69 0.34 0.00	19.44 0.40 0.00	16.96 0.33 0.00	18.31 0.34 0.00	18.62 0.37 0.00	19.78 0.40 0.00	20.82 0.47 0.00	31.86 0.46 0.00	34.55 0.25 0.00	29.88 0.19 0.00	24.01 0.26 0.00	20.07 0.18 0.00	18.58 0.03 0.00	18.67 -0.05 0.00	17.69 0.10 0.00	20.64 0.22 0.00	26.76 0.31 0.00	37.71 0.30 0.00	82.09 0.38 0.00	44.11 0.12 0.00	30.42 0.05 0.00	24.28 0.00 0.00	20.97 0.04 0.00	20.84 0.06 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.00 0.66 0.00	20.20 0.78 -0.38	17.36 0.67 -0.06	18.71 0.74 0.00	18.99 0.75 0.00	20.15 0.77 0.00	21.16 0.81 0.00	32.55 1.16 0.00	35.61 1.31 0.00	30.84 1.15 0.00	24.71 0.96 0.00	20.65 0.77 0.00	19.25 0.69 0.00	19.43 0.70 0.00	18.24 0.66 0.00	21.13 0.71 0.00	27.47 1.02 0.00	38.93 1.52 0.00	85.19 3.48 0.00	45.59 1.59 0.00	31.42 1.05 0.00	25.15 0.87 0.00	21.70 0.77 0.00	21.64 0.86 0.00
VISCHER___FERRY HYD 24020	19.20 0.86 0.00	21.05 0.94 -1.07	17.64 0.83 -0.18	18.87 0.89 0.00	19.13 0.89 0.00	20.31 0.93 0.00	21.31 0.96 0.00	32.56 1.17 0.00	35.32 1.02 0.00	30.52 0.83 0.00	24.51 0.76 0.00	20.53 0.65 0.00	19.16 0.60 0.00	19.36 0.63 0.00	18.28 0.70 0.00	21.14 0.72 0.00	27.32 0.87 0.00	38.87 1.47 0.00	84.87 3.16 0.00	45.49 1.50 0.00	31.37 1.00 0.00	25.01 0.72 0.00	21.62 0.69 0.00	21.47 0.69 0.00
V_A_10_SYNC_DSASP 323832	15.85 -1.62 0.88	17.47 -1.69 -0.12	15.17 -1.48 -0.02	16.51 -1.46 0.00	16.73 -1.51 0.00	17.74 -1.64 0.00	18.55 -1.80 0.00	28.38 -3.02 0.00	31.04 -3.26 0.00	27.15 -2.54 0.00	21.92 -1.83 0.00	18.22 -1.66 0.00	16.86 -1.70 0.00	16.98 -1.74 0.00	16.05 -1.53 0.00	18.54 -1.88 0.00	24.09 -2.36 0.00	33.95 -3.45 0.00	74.92 -6.79 0.00	40.07 -3.93 0.00	27.52 -2.85 0.00	22.10 -2.18 0.00	18.81 -1.79 0.33	19.40 -1.38 0.00
V_CMM_10_SYNC_DSASP 323787	18.17 -0.17 0.00	18.78 -0.25 0.00	16.40 -0.23 0.00	17.71 -0.27 0.00	18.02 -0.22 0.00	19.20 -0.18 0.00	20.15 -0.20 0.00	31.44 0.05 0.00	34.55 0.25 0.00	29.89 0.20 0.00	23.75 0.00 0.00	19.87 -0.02 0.00	18.57 0.02 0.00	18.70 -0.03 0.00	17.50 -0.08 0.00	20.55 0.13 0.00	26.66 0.21 0.00	37.59 0.19 0.00	81.95 0.24 0.00	44.40 0.40 0.00	30.60 0.23 0.00	24.45 0.17 0.00	20.98 0.05 0.00	20.60 -0.18 0.00
V_CMP_10_SYNC_DSASP 323788	18.00 -0.35 0.00	18.69 -0.34 0.00	16.28 -0.35 0.00	17.43 -0.55 0.00	17.79 -0.46 0.00	19.10 -0.28 0.00	20.17 -0.18 0.00	31.43 0.04 0.00	34.68 0.37 0.00	30.37 0.68 0.00	24.27 0.52 0.00	20.26 0.37 0.00	18.93 0.38 0.00	19.03 0.31 0.00	17.91 0.33 0.00	21.31 0.89 0.00	27.75 1.30 0.00	39.35 1.94 0.00	85.69 3.97 0.00	45.85 1.86 0.00	31.14 0.77 0.00	24.62 0.34 0.00	21.03 0.10 0.00	20.65 -0.13 0.00
V_D_10_SYNC_DSASP 323841	18.23 -0.11 0.00	18.84 -0.19 0.00	16.46 -0.17 0.00	17.76 -0.21 0.00	18.06 -0.18 0.00	19.25 -0.13 0.00	20.20 -0.15 0.00	31.62 0.23 0.00	34.75 0.45 0.00	30.07 0.38 0.00	23.84 0.09 0.00	19.94 0.05 0.00	18.63 0.07 0.00	18.75 0.03 0.00	17.55 -0.04 0.00	20.67 0.25 0.00	26.74 0.28 0.00	37.73 0.32 0.00	82.30 0.58 0.00	44.58 0.58 0.00	30.72 0.34 0.00	24.58 0.30 0.00	21.13 0.19 0.00	20.69 -0.09 0.00
V_E_10_SYNC_DSASP 323830	20.97 0.52 -2.11	20.18 0.87 -0.28	17.40 0.73 -0.05	18.89 0.91 0.00	19.22 0.98 0.00	20.46 1.08 0.00	21.40 1.05 0.00	33.04 1.65 0.00	36.20 1.89 0.00	31.59 1.90 0.00	25.10 1.35 0.00	20.96 1.07 0.00	19.34 0.78 0.00	19.64 0.91 0.00	18.49 0.91 0.00	21.48 1.07 0.00	28.27 1.82 0.00	39.88 2.47 0.00	87.49 5.78 0.00	46.56 2.57 0.00	31.95 1.58 0.00	25.65 1.36 0.00	22.30 1.26 -0.11	22.25 1.47 0.00
V_F_30_NSYNC___DSASP 323816	19.31 0.97 0.00	21.19 1.07 -1.09	17.74 0.93 -0.18	18.98 1.01 0.00	19.25 1.01 0.00	20.44 1.06 0.00	21.48 1.13 0.00	32.89 1.50 0.00	35.68 1.38 0.00	30.85 1.16 0.00	24.72 0.97 0.00	20.74 0.85 0.00	19.31 0.75 0.00	19.48 0.76 0.00	18.41 0.83 0.00	21.39 0.97 0.00	27.70 1.24 0.00	39.37 1.96 0.00	86.00 4.28 0.00	46.08 2.08 0.00	31.75 1.38 0.00	25.30 1.01 0.00	21.84 0.91 0.00	21.67 0.89 0.00
V_F_30_SYNC_DSASP 323786	19.16 0.81 0.00	20.97 0.88 -1.06	17.60 0.80 -0.18	18.80 0.83 0.00	19.08 0.84 0.00	20.23 0.85 0.00	21.19 0.84 0.00	32.30 0.91 0.00	35.09 0.78 0.00	30.35 0.66 0.00	24.37 0.62 0.00	20.40 0.52 0.00	19.05 0.49 0.00	19.25 0.52 0.00	18.17 0.59 0.00	20.99 0.57 0.00	27.15 0.70 0.00	38.58 1.17 0.00	84.21 2.49 0.00	45.14 1.15 0.00	31.15 0.78 0.00	24.87 0.58 0.00	21.49 0.56 0.00	21.35 0.57 0.00
V_XM_10_SYNC_DSASP 323789	18.00 -0.35 0.00	18.69 -0.34 0.00	16.28 -0.35 0.00	17.43 -0.55 0.00	17.79 -0.46 0.00	19.10 -0.28 0.00	20.17 -0.18 0.00	31.43 0.04 0.00	34.68 0.37 0.00	30.37 0.68 0.00	24.27 0.52 0.00	20.26 0.37 0.00	18.93 0.38 0.00	19.03 0.31 0.00	17.91 0.33 0.00	21.31 0.89 0.00	27.75 1.30 0.00	39.35 1.94 0.00	85.69 3.97 0.00	45.85 1.86 0.00	31.14 0.77 0.00	24.62 0.34 0.00	21.03 0.10 0.00	20.65 -0.13 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.43 1.08 0.00	21.06 1.18 -0.85	17.81 1.03 -0.14	19.08 1.11 0.00	19.33 1.09 0.00	20.51 1.13 0.00	21.60 1.25 0.00	33.02 1.62 0.00	35.91 1.61 0.00	31.14 1.45 0.00	25.05 1.30 0.00	20.98 1.09 0.00	19.64 1.08 0.00	19.83 1.11 0.00	18.70 1.11 0.00	21.50 1.09 0.00	27.75 1.30 0.00	39.39 1.98 0.00	86.14 4.42 0.00	45.99 2.00 0.00	31.84 1.47 0.00	25.52 1.23 0.00	22.04 1.11 0.00	21.96 1.18 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.45 1.11 0.00	21.14 1.23 -0.87	17.88 1.10 -0.15	19.14 1.17 0.00	19.36 1.12 0.00	20.54 1.16 0.00	21.66 1.32 0.00	33.06 1.67 0.00	35.88 1.58 0.00	31.18 1.49 0.00	25.06 1.31 0.00	21.03 1.14 0.00	19.72 1.16 0.00	19.91 1.18 0.00	18.76 1.17 0.00	21.50 1.08 0.00	27.68 1.23 0.00	39.25 1.85 0.00	85.77 4.06 0.00	45.76 1.76 0.00	31.76 1.39 0.00	25.44 1.16 0.00	21.98 1.05 0.00	21.93 1.15 0.00
W50THST__13_KV_LOAD 356117	19.55 1.21 0.00	21.25 1.35 -0.87	18.00 1.22 -0.15	19.26 1.29 0.00	19.50 1.26 0.00	20.69 1.31 0.00	21.82 1.47 0.00	33.30 1.91 0.00	36.16 1.86 0.00	31.40 1.71 0.00	25.23 1.48 0.00	21.17 1.29 0.00	19.85 1.30 0.00	20.04 1.32 0.00	18.88 1.30 0.00	21.64 1.22 0.00	27.88 1.42 0.00	39.50 2.10 0.00	86.30 4.59 0.00	46.03 2.04 0.00	31.96 1.59 0.00	25.60 1.31 0.00	22.11 1.18 0.00	22.06 1.28 0.00
WADING RIVER_IC_1 23522	19.89 1.55 0.00	21.71 1.81 -0.87	19.23 1.67 -0.93	19.77 1.80 0.00	44.81 1.78 -24.78	21.21 1.83 0.00	22.60 2.04 -0.21	34.09 2.69 0.00	183.73 2.48 -146.95	49.92 2.21 -18.03	25.47 1.72 0.00	21.22 1.34 0.00	19.96 1.40 0.00	20.22 1.49 0.00	19.12 1.53 0.00	21.98 1.56 0.00	28.49 2.04 0.00	40.38 2.98 0.00	87.28 6.44 0.87	46.75 2.75 0.00	32.44 2.07 0.00	26.28 1.99 0.00	22.62 1.69 0.00	22.50 1.72 0.00
WADING RIVER_IC_2 23547	19.89 1.55 0.00	21.71 1.81 -0.87	19.23 1.67 -0.93	19.77 1.80 0.00	44.81 1.78 -24.78	21.21 1.83 0.00	22.60 2.04 -0.21	34.09 2.69 0.00	183.73 2.48 -146.95	49.92 2.21 -18.03	25.47 1.72 0.00	21.22 1.34 0.00	19.96 1.40 0.00	20.22 1.49 0.00	19.12 1.53 0.00	21.98 1.56 0.00	28.49 2.04 0.00	40.38 2.98 0.00	87.28 6.44 0.87	46.75 2.75 0.00	32.44 2.07 0.00	26.28 1.99 0.00	22.62 1.69 0.00	22.50 1.72 0.00

WADING RIVER_IC_3 23601	19.89 1.55 0.00	21.71 1.81 -0.87	19.23 1.67 -0.93	19.77 1.80 0.00	44.81 1.78 -24.78	21.21 1.83 0.00	22.60 2.04 -0.21	34.09 2.69 0.00	183.73 2.48 -146.95	49.92 2.21 -18.03	25.47 1.72 0.00	21.22 1.34 0.00	19.96 1.40 0.00	20.22 1.49 0.00	19.12 1.53 0.00	21.98 1.56 0.00	28.49 2.04 0.00	40.38 2.98 0.00	87.28 6.44 0.87	46.75 2.75 0.00	32.44 2.07 0.00	26.28 1.99 0.00	22.62 1.69 0.00	22.50 1.72 0.00
WALDENNY_I2_KV_BK2 80841	15.66 -1.54 1.14	17.56 -1.62 -0.14	15.25 -1.41 -0.02	16.62 -1.35 0.00	16.83 -1.42 0.00	17.87 -1.51 0.00	18.73 -1.62 0.00	28.60 -2.79 0.00	31.31 -2.99 0.00	27.45 -2.24 0.00	22.21 -1.54 0.00	18.42 -1.47 0.00	16.97 -1.59 0.00	17.07 -1.65 0.00	16.14 -1.44 0.00	18.62 -1.79 0.00	24.25 -2.21 0.00	34.16 -3.25 0.00	75.62 -6.09 0.00	40.46 -3.54 0.00	27.80 -2.57 0.00	22.36 -1.93 0.00	19.38 -1.55 0.00	19.68 -1.10 0.00
WALDEN___HYDRO 24148	19.33 0.98 0.00	20.93 1.06 -0.83	17.70 0.93 -0.14	18.96 0.99 0.00	19.21 0.97 0.00	20.38 1.00 0.00	21.46 1.11 0.00	32.84 1.45 0.00	35.74 1.44 0.00	30.91 1.22 0.00	24.85 1.10 0.00	20.80 0.91 0.00	19.47 0.91 0.00	19.66 0.94 0.00	18.53 0.95 0.00	21.36 0.94 0.00	27.62 1.17 0.00	39.25 1.84 0.00	85.85 4.14 0.00	45.84 1.85 0.00	31.71 1.34 0.00	25.38 1.10 0.00	21.93 1.00 0.00	21.84 1.06 0.00
WARRENSBURG____ 23737	19.27 0.93 0.00	21.16 1.04 -1.09	17.71 0.90 -0.18	18.93 0.96 0.00	19.20 0.96 0.00	20.42 1.04 0.00	21.48 1.13 0.00	32.90 1.51 0.00	35.61 1.31 0.00	30.79 1.10 0.00	24.67 0.92 0.00	20.72 0.83 0.00	19.31 0.76 0.00	19.49 0.76 0.00	18.42 0.83 0.00	21.45 1.03 0.00	27.79 1.33 0.00	39.54 2.13 0.00	86.29 4.57 0.00	46.21 2.21 0.00	31.81 1.44 0.00	25.27 0.99 0.00	21.79 0.86 0.00	21.59 0.81 0.00
WATERSIDE___6 8 9 23538	19.49 1.14 0.00	21.18 1.27 -0.87	17.89 1.12 -0.15	19.14 1.17 0.00	19.38 1.13 0.00	20.56 1.18 0.00	21.67 1.32 0.00	33.07 1.67 0.00	35.93 1.63 0.00	31.24 1.55 0.00	25.09 1.34 0.00	21.06 1.17 0.00	19.77 1.21 0.00	19.92 1.20 0.00	18.78 1.20 0.00	21.51 1.09 0.00	27.71 1.25 0.00	39.26 1.85 0.00	85.85 4.14 0.00	45.79 1.80 0.00	31.81 1.45 0.00	25.46 1.18 0.00	21.99 1.06 0.00	21.96 1.18 0.00
WATKINRD_115KV_LN8_IL 55919	18.64 0.30 0.00	19.39 0.36 0.00	16.94 0.31 0.00	18.30 0.32 0.00	18.57 0.33 0.00	19.73 0.35 0.00	20.74 0.39 0.00	31.80 0.41 0.00	34.55 0.25 0.00	29.89 0.19 0.00	24.00 0.24 0.00	20.06 0.17 0.00	18.62 0.07 0.00	18.78 0.06 0.00	17.74 0.16 0.00	20.63 0.21 0.00	26.73 0.28 0.00	37.80 0.40 0.00	82.50 0.78 0.00	44.31 0.31 0.00	30.57 0.20 0.00	24.42 0.14 0.00	21.07 0.14 0.00	20.94 0.16 0.00
WATSON___69_KV_BK 1 55734	20.01 1.66 0.00	21.76 1.86 -0.87	19.24 1.68 -0.93	19.77 1.80 0.00	44.82 1.80 -24.78	21.21 1.83 0.00	22.62 2.06 -0.21	34.12 2.73 0.00	182.25 2.50 -145.44	49.89 2.17 -18.03	25.58 1.83 0.00	21.42 1.54 0.00	20.16 1.60 0.00	20.40 1.67 0.00	19.25 1.67 0.00	22.13 1.71 0.00	28.56 2.11 0.00	40.49 3.08 0.00	87.46 6.60 0.85	47.01 3.02 0.00	32.63 2.26 0.00	26.35 2.06 0.00	22.67 1.74 0.00	22.56 1.78 0.00
WDELAWARE___HYD 323627	18.94 0.60 0.00	20.45 0.65 -0.77	17.33 0.57 -0.13	18.58 0.61 0.00	18.83 0.58 0.00	19.97 0.59 0.00	21.05 0.71 0.00	32.27 0.88 0.00	35.13 0.83 0.00	30.39 0.70 0.00	24.32 0.57 0.00	20.40 0.52 0.00	19.10 0.54 0.00	19.23 0.51 0.00	18.13 0.55 0.00	20.92 0.51 0.00	27.12 0.67 0.00	38.56 1.16 0.00	84.31 2.60 0.00	45.01 1.02 0.00	31.14 0.77 0.00	24.91 0.63 0.00	21.50 0.57 0.00	21.40 0.62 0.00
WEST BABYLON___IC 23714	19.94 1.59 0.00	21.67 1.77 -0.87	19.16 1.60 -0.93	19.68 1.71 0.00	44.73 1.71 -24.78	21.10 1.72 0.00	22.50 1.94 -0.21	33.94 2.55 0.00	178.94 2.43 -142.21	49.84 2.12 -18.03	25.51 1.76 0.00	21.37 1.49 0.00	20.10 1.54 0.00	20.33 1.61 0.00	19.18 1.60 0.00	22.06 1.64 0.00	28.45 2.00 0.00	40.31 2.90 0.00	87.08 6.18 0.81	46.81 2.82 0.00	32.51 2.14 0.00	26.23 1.94 0.00	22.59 1.66 0.00	22.47 1.69 0.00
WEST CANADA___HYD 24049	18.47 0.13 0.00	19.19 0.15 0.00	16.76 0.13 0.00	18.12 0.14 0.00	18.39 0.15 0.00	19.52 0.14 0.00	20.51 0.16 0.00	31.54 0.15 0.00	34.41 0.10 0.00	29.78 0.09 0.00	23.85 0.10 0.00	19.97 0.09 0.00	18.63 0.07 0.00	18.80 0.08 0.00	17.68 0.10 0.00	20.48 0.06 0.00	26.53 0.08 0.00	37.56 0.15 0.00	82.11 0.40 0.00	44.13 0.14 0.00	30.48 0.11 0.00	24.36 0.08 0.00	21.02 0.08 0.00	20.90 0.12 0.00
WESTERN_NY_WIND 24143	16.13 -1.26 0.95	17.82 -1.34 -0.13	15.49 -1.16 -0.02	16.86 -1.11 0.00	17.08 -1.17 0.00	18.14 -1.24 0.00	19.00 -1.36 0.00	29.04 -2.35 0.00	31.76 -2.55 0.00	27.78 -1.91 0.00	22.48 -1.27 0.00	18.59 -1.30 0.00	17.13 -1.42 0.00	17.19 -1.53 0.00	16.30 -1.28 0.00	18.82 -1.60 0.00	24.60 -1.85 0.00	34.84 -2.57 0.00	77.04 -4.67 0.00	41.18 -2.82 0.00	28.25 -2.12 0.00	22.66 -1.62 0.00	19.61 -1.32 0.00	19.86 -0.92 0.00
WESTOVER___LESR 323668	17.70 -0.30 0.34	19.16 -0.16 -0.29	16.49 -0.19 -0.05	17.82 -0.15 0.00	18.07 -0.17 0.00	19.15 -0.23 0.00	20.13 -0.22 0.00	30.90 -0.50 0.00	33.76 -0.55 0.00	29.35 -0.34 0.00	23.53 -0.22 0.00	19.68 -0.21 0.00	18.30 -0.25 0.00	18.56 -0.16 0.00	17.43 -0.15 0.00	20.19 -0.23 0.00	26.14 -0.31 0.00	36.95 -0.46 0.00	81.19 -0.52 0.00	43.41 -0.58 0.00	29.90 -0.47 0.00	24.00 -0.29 0.00	20.74 -0.19 0.00	20.80 0.02 0.00
WETHRSFD_WT_PWR 323626	15.24 -2.00 1.10	17.09 -2.08 -0.14	14.84 -1.81 -0.02	16.19 -1.78 0.00	16.42 -1.82 0.00	17.49 -1.89 0.00	18.37 -1.98 0.00	28.09 -3.30 0.00	30.73 -3.57 0.00	26.91 -2.78 0.00	21.77 -1.98 0.00	18.06 -1.82 0.00	16.60 -1.96 0.00	16.61 -2.12 0.00	15.67 -1.92 0.00	18.03 -2.39 0.00	23.55 -2.90 0.00	33.19 -4.22 0.00	73.50 -8.21 0.00	39.48 -4.52 0.00	27.22 -3.15 0.00	21.92 -2.36 0.00	18.61 -1.87 0.45	19.41 -1.37 0.00
WHAVSTOR_138KV_BK127 55557	19.40 1.06 0.00	21.05 1.16 -0.85	17.80 1.02 -0.14	19.06 1.09 0.00	19.31 1.07 0.00	20.48 1.10 0.00	21.57 1.22 0.00	32.94 1.55 0.00	35.82 1.51 0.00	31.07 1.38 0.00	24.98 1.23 0.00	20.93 1.04 0.00	19.61 1.05 0.00	19.81 1.08 0.00	18.67 1.09 0.00	21.46 1.04 0.00	27.68 1.22 0.00	39.27 1.86 0.00	85.83 4.12 0.00	45.83 1.84 0.00	31.74 1.37 0.00	25.44 1.15 0.00	21.98 1.05 0.00	21.90 1.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.40 1.06 0.00	21.05 1.16 -0.85	17.80 1.02 -0.14	19.06 1.09 0.00	19.31 1.07 0.00	20.48 1.10 0.00	21.57 1.22 0.00	32.94 1.55 0.00	35.82 1.51 0.00	31.07 1.38 0.00	24.98 1.23 0.00	20.93 1.04 0.00	19.61 1.05 0.00	19.81 1.08 0.00	18.67 1.09 0.00	21.46 1.04 0.00	27.68 1.22 0.00	39.27 1.86 0.00	85.83 4.12 0.00	45.83 1.84 0.00	31.74 1.37 0.00	25.44 1.15 0.00	21.98 1.05 0.00	21.90 1.12 0.00

WHITEHAL_115KV_TB1 80871	19.65 1.31 0.00	21.64 1.53 -1.09	18.13 1.32 -0.18	19.38 1.41 0.00	19.64 1.40 0.00	20.90 1.52 0.00	22.03 1.68 0.00	33.63 2.24 0.00	35.97 1.67 0.00	31.03 1.34 0.00	24.89 1.14 0.00	20.96 1.08 0.00	19.72 1.16 0.00	20.02 1.30 0.00	18.83 1.25 0.00	22.01 1.59 0.00	28.49 2.03 0.00	40.70 3.30 0.00	88.58 6.87 0.00	47.39 3.39 0.00	32.50 2.13 0.00	25.59 1.31 0.00	22.07 1.14 0.00	21.77 1.00 0.00
WHITEPLN_13_KV_LOAD 356215	19.56 1.21 0.00	21.21 1.31 -0.87	17.93 1.15 -0.15	19.20 1.22 0.00	19.44 1.20 0.00	20.62 1.24 0.00	21.72 1.37 0.00	33.18 1.79 0.00	36.09 1.79 0.00	31.30 1.61 0.00	25.16 1.41 0.00	21.09 1.20 0.00	19.76 1.20 0.00	19.96 1.24 0.00	18.81 1.22 0.00	21.62 1.21 0.00	27.89 1.44 0.00	39.59 2.18 0.00	86.55 4.83 0.00	46.20 2.21 0.00	32.00 1.63 0.00	25.63 1.34 0.00	22.14 1.21 0.00	22.06 1.28 0.00
WM_FLOYD_69_KV_BK2 356380	19.92 1.57 0.00	21.71 1.81 -0.87	19.22 1.66 -0.93	19.76 1.79 0.00	44.80 1.77 -24.78	21.20 1.82 0.00	22.59 2.03 -0.21	34.06 2.67 0.00	183.64 2.48 -146.85	49.89 2.17 -18.03	25.46 1.71 0.00	21.27 1.39 0.00	20.03 1.48 0.00	20.28 1.55 0.00	19.15 1.57 0.00	22.02 1.61 0.00	28.47 2.02 0.00	40.37 2.96 0.00	87.21 6.36 0.87	46.81 2.82 0.00	32.48 2.11 0.00	26.27 1.98 0.00	22.61 1.68 0.00	22.49 1.72 0.00
WOODARD__115KV_TB2 355635	17.83 -0.52 0.00	18.61 -0.51 -0.09	16.20 -0.45 -0.02	17.52 -0.46 0.00	17.77 -0.48 0.00	18.86 -0.52 0.00	19.82 -0.53 0.00	30.46 -0.93 0.00	33.26 -1.05 0.00	28.83 -0.86 0.00	23.13 -0.62 0.00	19.36 -0.52 0.00	18.04 -0.52 0.00	18.22 -0.51 0.00	17.11 -0.47 0.00	19.76 -0.66 0.00	25.59 -0.87 0.00	36.23 -1.17 0.00	79.42 -2.30 0.00	42.59 -1.40 0.00	29.38 -0.99 0.00	23.51 -0.77 0.00	20.33 -0.60 0.00	20.41 -0.37 0.00
YORK__WARBASSE 23770	19.55 1.21 0.00	21.24 1.33 -0.87	17.92 1.14 -0.15	19.20 1.23 0.00	19.44 1.19 0.00	20.63 1.25 0.00	21.75 1.40 0.00	33.19 1.80 0.00	36.07 1.76 0.00	31.34 1.65 0.00	25.18 1.43 0.00	21.14 1.25 0.00	19.84 1.29 0.00	20.00 1.28 0.00	18.84 1.26 0.00	21.58 1.16 0.00	27.81 1.36 0.00	39.38 1.98 0.00	86.12 4.41 0.00	45.93 1.94 0.00	31.98 1.60 -0.01	25.60 1.31 -0.01	22.11 1.18 0.00	22.07 1.29 0.00