

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/13/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.54	18.79	14.92	12.51	12.59	13.92	17.66	19.13	19.01	17.76	21.23	25.36	22.59	23.50	25.88	30.83	28.47	34.33	35.46	37.43	32.75	33.17	27.98	28.93
24138	1.20	1.16	0.90	0.76	0.78	0.87	1.23	1.39	1.47	1.43	1.81	1.93	1.97	1.95	2.02	2.81	2.74	3.27	3.14	3.03	2.62	2.54	2.14	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-2.98	-0.42	-2.25	-3.87	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.55	18.80	14.92	12.51	12.59	13.92	17.66	19.12	18.99	17.73	21.18	25.30	22.54	23.45	25.84	30.77	28.41	34.27	35.41	37.42	32.75	33.15	27.96	28.90
24260	1.21	1.18	0.90	0.76	0.78	0.87	1.22	1.37	1.45	1.40	1.76	1.88	1.92	1.89	1.98	2.75	2.68	3.21	3.09	3.02	2.62	2.52	2.13	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45	1.92	1.89	1.98	2.75	2.68	3.21	3.09	3.02	2.62	2.52	2.13	1.94
74TH STREET_GT_2	19.55	18.80	14.92	12.51	12.59	13.92	17.66	19.12	18.99	17.73	21.18	25.30	22.54	23.45	25.84	30.77	28.41	34.27	35.41	37.42	32.75	33.15	27.96	28.90
24261	1.21	1.18	0.90	0.76	0.78	0.87	1.22	1.37	1.45	1.40	1.76	1.88	1.92	1.89	1.98	2.75	2.68	3.21	3.09	3.02	2.62	2.52	2.13	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-2.98	-0.42	-2.25	-3.87	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	19.31	18.59	14.75	12.36	12.45	13.78	17.47	18.80	18.48	17.10	20.31	21.91	21.24	20.69	21.71	29.57	27.38	33.30	34.66	36.77	32.43	32.75	27.67	28.63
24011	0.97	0.96	0.73	0.60	0.64	0.73	1.04	1.05	0.93	0.78	0.89	0.99	0.98	1.03	1.11	1.69	1.65	2.24	2.33	2.37	2.30	2.12	1.84	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.07	-0.36	-0.61	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	19.40	18.67	14.80	12.41	12.50	13.84	17.57	18.89	18.57	17.19	20.42	22.03	21.35	20.80	21.82	29.76	27.54	33.56	34.92	37.05	32.68	33.01	27.88	28.83
23798	1.06	1.04	0.79	0.65	0.69	0.79	1.13	1.15	1.03	0.87	1.01	1.10	1.09	1.14	1.22	1.89	1.82	2.50	2.59	2.64	2.55	2.38	2.05	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.07	-0.36	-0.61	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	19.31	18.59	14.75	12.36	12.45	13.78	17.47	18.80	18.48	17.10	20.31	21.91	21.24	20.69	21.71	29.57	27.38	33.30	34.66	36.77	32.43	32.75	27.67	28.63
24028	0.97	0.96	0.73	0.60	0.64	0.73	1.04	1.05	0.93	0.78	0.89	0.99	0.98	1.03	1.11	1.69	1.65	2.24	2.33	2.37	2.30	2.12	1.84	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.07	-0.36	-0.61	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	19.34	18.69	14.85	12.46	12.53	13.80	17.47	18.81	18.48	17.05	20.23	21.87	21.16	20.65	21.68	28.95	26.77	32.45	33.86	36.23	31.90	32.12	27.05	28.02
23527	1.00	1.06	0.84	0.70	0.72	0.75	1.03	1.07	0.94	0.73	0.81	0.84	0.88	0.90	0.94	1.06	1.05	1.39	1.54	1.82	1.77	1.49	1.21	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	-0.08	-0.44	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	18.66	18.09	14.41	12.08	12.13	13.39	16.91	18.14	17.88	16.58	19.73	21.27	20.64	20.10	21.07	28.38	26.25	31.78	33.07	35.21	30.87	31.20	26.26	27.24
24190	0.31	0.46	0.39	0.33	0.32	0.34	0.47	0.39	0.33	0.26	0.32	0.32	0.36	0.41	0.43	0.50	0.52	0.73	0.75	0.81	0.74	0.58	0.43	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.07	-0.38	-0.65	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	18.00	17.26	13.81	11.63	11.63	12.84	16.16	17.51	17.32	16.12	19.14	20.16	20.00	19.68	21.65	38.25	-6.54	-13.90	-2.49	33.44	11.72	-6.61	-15.82	-1.38
355683	-0.35	-0.36	-0.21	-0.12	-0.18	-0.20	-0.28	-0.24	-0.23	-0.20	-0.28	-0.29	-0.30	-0.46	-0.54	-0.77	-0.79	-1.06	-0.97	-0.96	-0.81	-0.66	-0.50	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.83	-2.19	-11.17	31.48	43.89	33.84	0.00	17.61	36.58	41.14	27.95
ALBANY_1_SOLAR	19.00	18.37	14.61	12.25	12.32	13.61	17.16	18.37	18.00	16.63	19.74	21.20	20.57	20.02	20.97	28.43	26.36	32.04	33.50	35.82	31.47	31.81	26.78	27.78
323833	0.66	0.74	0.60	0.50	0.50	0.56	0.72	0.63	0.46	0.31	0.33	0.30	0.30	0.37	0.40	0.55	0.63	0.99	1.18	1.42	1.33	1.18	0.94	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45	-0.06	-0.34	-0.59	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	19.00	18.36	14.61	12.25	12.31	13.60	17.16	18.37	18.00	16.63	19.74	21.20	20.57	20.02	20.97	28.43	26.36	32.04	33.49	35.81	31.45	31.80	26.76	27.77
323834	0.65	0.73	0.59	0.49	0.50	0.55	0.72	0.62	0.46	0.31	0.32	0.30	0.30	0.37	0.40	0.55	0.63	0.99	1.17	1.41	1.32	1.17	0.93	0.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45	-0.06	-0.34	-0.59	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	18.66	18.09	14.41	12.08	12.13	13.39	16.91	18.14	17.88	16.58	19.73	21.27	20.64	20.10	21.07	28.38	26.25	31.78	33.07	35.21	30.87	31.20	26.26	27.24
23571	0.31	0.46	0.39	0.33	0.32	0.34	0.47	0.39	0.33	0.26	0.32	0.32	0.36	0.41	0.43	0.50	0.52	0.73	0.75	0.81	0.74	0.58	0.43	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.07	-0.38	-0.65	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	18.66 0.31 0.00	18.09 0.46 0.00	14.41 0.39 0.00	12.08 0.33 0.00	12.13 0.32 0.00	13.39 0.34 0.00	16.91 0.47 0.00	18.14 0.39 0.00	17.88 0.33 0.00	16.58 0.26 0.00	19.73 0.32 0.00	21.27 0.32 -0.50	20.64 0.36 -0.07	20.10 0.41 -0.38	21.07 0.43 -0.65	28.38 0.50 -0.03	26.25 0.52 0.00	31.78 0.73 0.00	33.07 0.75 0.00	35.21 0.81 0.00	30.87 0.74 0.00	31.20 0.58 0.00	26.26 0.43 0.00	27.24 0.28 0.00
ALBANY___3 23573	18.66 0.31 0.00	18.09 0.46 0.00	14.41 0.39 0.00	12.08 0.33 0.00	12.13 0.32 0.00	13.39 0.34 0.00	16.91 0.47 0.00	18.14 0.39 0.00	17.88 0.33 0.00	16.58 0.26 0.00	19.73 0.32 0.00	21.27 0.32 -0.50	20.64 0.36 -0.07	20.10 0.41 -0.38	21.07 0.43 -0.65	28.38 0.50 -0.03	26.25 0.52 0.00	31.78 0.73 0.00	33.07 0.75 0.00	35.21 0.81 0.00	30.87 0.74 0.00	31.20 0.58 0.00	26.26 0.43 0.00	27.24 0.28 0.00
ALBANY___4 23574	18.66 0.31 0.00	18.09 0.46 0.00	14.41 0.39 0.00	12.08 0.33 0.00	12.13 0.32 0.00	13.39 0.34 0.00	16.91 0.47 0.00	18.14 0.39 0.00	17.88 0.33 0.00	16.58 0.26 0.00	19.73 0.32 0.00	21.27 0.32 -0.50	20.64 0.36 -0.07	20.10 0.41 -0.38	21.07 0.43 -0.65	28.38 0.50 -0.03	26.25 0.52 0.00	31.78 0.73 0.00	33.07 0.75 0.00	35.21 0.81 0.00	30.87 0.74 0.00	31.20 0.58 0.00	26.26 0.43 0.00	27.24 0.28 0.00
ALBANY___LFGE 323615	18.82 0.48 0.00	18.23 0.60 0.00	14.51 0.49 0.00	12.16 0.41 0.00	12.22 0.41 0.00	13.49 0.44 0.00	17.05 0.61 0.00	18.31 0.57 0.00	18.05 0.51 0.00	16.74 0.42 0.00	19.93 0.52 0.00	21.50 0.55 -0.50	20.86 0.58 -0.07	20.31 0.63 -0.37	21.29 0.66 -0.64	28.74 0.87 -0.03	26.60 0.87 0.00	32.22 1.17 0.00	33.51 1.19 0.00	35.68 1.28 0.00	31.27 1.14 0.00	31.60 0.97 0.00	26.59 0.75 0.00	27.57 0.60 0.00
ALCOA_PA_115KV_PL-6C 55860	17.96 -0.38 0.00	17.23 -0.40 0.00	13.78 -0.23 0.00	11.70 -0.06 0.00	11.62 -0.19 0.00	12.82 -0.23 0.00	16.13 -0.31 0.00	17.46 -0.28 0.00	17.27 -0.27 0.00	16.07 -0.25 0.00	19.08 -0.34 0.00	20.08 -0.37 0.00	19.98 -0.39 -0.17	21.14 -0.56 -2.40	39.06 -0.64 -19.71	57.84 -0.93 -30.92	1.35 -0.93 23.44	-7.27 -1.27 37.05	-1.54 -1.13 32.74	33.32 -1.08 0.00	12.23 -0.87 17.03	-5.46 -0.70 35.39	-14.32 -0.45 39.70	0.01 -0.38 26.58
ALCOA_RYNLDS___DRP 24188	17.96 -0.38 0.00	17.23 -0.40 0.00	13.78 -0.23 0.00	11.70 -0.06 0.00	11.62 -0.19 0.00	12.82 -0.23 0.00	16.13 -0.31 0.00	17.46 -0.28 0.00	17.27 -0.27 0.00	16.07 -0.25 0.00	19.08 -0.34 0.00	20.08 -0.37 0.00	19.98 -0.39 -0.17	21.14 -0.56 -2.40	39.06 -0.64 -19.71	57.84 -0.93 -30.92	1.35 -0.93 23.44	-7.27 -1.27 37.05	-1.54 -1.13 32.74	33.32 -1.08 0.00	12.23 -0.87 17.03	-5.46 -0.70 35.39	-14.32 -0.45 39.70	0.01 -0.38 26.58
ALCOA___DSASP 323711	17.96 -0.38 0.00	17.23 -0.40 0.00	13.78 -0.23 0.00	11.70 -0.06 0.00	11.62 -0.19 0.00	12.82 -0.23 0.00	16.13 -0.31 0.00	17.46 -0.28 0.00	17.27 -0.27 0.00	16.07 -0.25 0.00	19.08 -0.34 0.00	20.08 -0.37 0.00	19.98 -0.39 -0.17	21.14 -0.56 -2.40	39.06 -0.64 -19.71	57.84 -0.92 -30.92	1.35 -0.94 23.44	-7.28 -1.27 37.05	-1.54 -1.13 32.74	33.32 -1.08 0.00	12.23 -0.87 17.03	-5.46 -0.70 35.39	-14.32 -0.45 39.70	0.01 -0.38 26.58
ALLEGHENY___COGEN 23514	18.90 0.55 0.00	17.93 0.31 0.00	14.06 0.04 0.00	11.67 -0.09 0.00	11.73 -0.08 0.00	13.04 0.00 0.00	16.42 -0.02 0.00	17.69 -0.05 0.00	17.26 -0.28 0.00	16.15 -0.17 0.00	19.35 -0.07 0.00	20.47 0.02 0.00	20.15 -0.05 0.00	19.34 0.03 0.00	20.01 0.02 0.00	27.55 -0.30 0.00	25.22 -0.50 0.00	30.56 -0.50 0.00	32.00 -0.32 0.00	34.63 0.22 0.00	30.58 0.45 0.00	30.94 0.30 0.00	26.68 0.84 0.00	28.02 1.05 0.00
ALTAMONT_115KV_TB 2 55880	18.80 0.45 0.00	18.13 0.50 0.00	14.41 0.39 0.00	12.09 0.33 0.00	12.15 0.34 0.00	13.42 0.37 0.00	16.97 0.53 0.00	18.27 0.52 0.00	18.01 0.48 0.00	16.73 0.40 0.00	19.89 0.48 0.00	21.42 0.50 -0.48	20.79 0.52 -0.07	20.22 0.55 -0.36	21.19 0.58 -0.62	28.66 0.79 -0.03	26.53 0.80 0.00	32.09 1.04 0.00	33.40 1.07 0.00	35.54 1.14 0.00	31.16 1.03 0.00	31.52 0.89 0.00	26.56 0.72 0.00	27.56 0.60 0.00
ALTONA_WT_PWR 323606	18.31 -0.04 0.00	17.42 -0.20 0.00	13.87 -0.15 0.00	11.69 -0.06 0.00	11.78 -0.03 0.00	13.00 -0.05 0.00	16.43 0.00 0.00	17.70 -0.05 0.00	17.38 -0.16 0.00	16.13 -0.19 0.00	19.12 -0.30 0.00	19.99 -0.47 0.00	19.69 -0.46 0.05	15.73 -0.76 2.82	-18.95 -0.94 38.00	-8.49 -1.49 34.85	-22.42 -1.01 47.14	-25.39 -0.68 55.77	-1.12 0.03 33.47	34.47 0.07 0.00	12.62 -0.10 17.41	-6.63 -1.08 36.18	-20.63 -1.55 44.92	-21.21 -1.61 46.57
AMERICAN_REF_FUEL 24010	17.79 -0.56 0.00	16.93 -0.70 0.00	13.27 -0.74 0.00	11.06 -0.70 0.00	11.13 -0.68 0.00	12.39 -0.65 0.00	15.43 -1.01 0.00	16.71 -1.03 0.00	16.40 -1.14 0.00	15.37 -0.95 0.00	18.41 -1.01 0.00	19.39 -1.06 0.00	19.13 -1.07 0.00	18.52 -0.79 0.00	19.22 -0.77 0.00	26.88 -0.97 0.00	24.75 -0.98 0.00	29.77 -1.28 0.00	31.19 -1.14 0.00	33.52 -0.88 0.00	29.09 -1.04 0.00	29.47 -1.16 0.00	25.26 -0.57 0.00	26.72 -0.24 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.13 -0.21 0.00	17.07 -0.56 0.00	13.29 -0.73 0.00	11.05 -0.71 0.00	11.15 -0.66 0.00	12.38 -0.67 0.00	15.54 -0.90 0.00	16.96 -0.79 0.00	16.91 -0.64 0.00	15.95 -0.37 0.00	19.25 -0.16 0.00	20.40 -0.05 0.00	20.06 -0.14 0.00	19.09 -0.22 0.00	19.97 -0.02 0.00	28.04 0.19 0.00	26.04 0.31 0.00	31.07 0.01 0.00	32.28 -0.05 0.00	34.59 0.19 0.00	29.91 -0.22 0.00	29.95 -0.67 0.00	25.33 -0.51 0.00	26.65 -0.31 0.00
ARTHUR KILL_GT_1 23520	19.48 1.14 0.00	18.74 1.11 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.54 0.73 0.00	13.87 0.82 0.00	17.55 1.11 0.00	18.96 1.21 0.00	18.84 1.30 0.00	17.53 1.20 -0.01	20.91 1.49 0.00	25.01 1.58 -2.98	22.26 1.64 -0.42	23.18 1.63 -2.25	25.60 1.74 -3.87	30.45 2.44 -0.16	28.17 2.44 0.00	33.89 2.84 0.00	35.00 2.68 0.00	36.94 2.54 0.01	32.53 2.40 0.00	33.00 2.37 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ARTHUR_KILL_2 23512	19.42 1.07 0.00	18.68 1.05 0.00	14.81 0.80 0.00	12.43 0.66 0.00	12.50 0.69 0.00	13.82 0.78 0.00	17.50 1.06 0.00	18.90 1.16 0.00	18.79 1.25 0.00	17.48 1.15 -0.01	20.85 1.43 0.00	24.95 1.52 -2.98	22.20 1.58 -0.42	23.12 1.56 -2.25	25.53 1.67 -3.87	30.34 2.33 -0.16	28.06 2.33 0.00	33.77 2.72 0.00	34.87 2.55 0.00	36.79 2.39 0.01	32.39 2.26 0.00	32.87 2.24 0.00	27.71 1.88 0.00	28.60 1.64 0.00
ARTHUR_KILL_3 23513	19.38 1.03 0.00	18.64 1.01 0.00	14.79 0.77 0.00	12.41 0.65 0.00	12.49 0.68 0.00	13.80 0.75 0.00	17.49 1.05 0.00	18.94 1.19 0.00	18.79 1.25 0.00	17.55 1.22 -0.01	20.97 1.55 0.00	25.07 1.64 -2.98	22.31 1.69 -0.42	23.23 1.68 -2.25	25.62 1.75 -3.87	30.45 2.44 -0.16	28.15 2.42 0.00	33.95 2.89 0.00	35.07 2.74 0.00	37.02 2.62 0.00	32.40 2.27 0.00	32.81 2.18 0.00	27.68 1.85 0.00	28.62 1.65 0.00

ARTHUR_KILL_COGEN 323718	19.48 1.14 0.00	18.74 1.11 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.54 0.73 0.00	13.87 0.82 0.00	17.55 1.11 0.00	18.96 1.21 0.00	18.84 1.30 0.00	17.53 1.20 -0.01	20.91 1.49 0.00	25.01 1.58 -2.98	22.26 1.64 -0.42	23.18 1.63 -2.25	25.60 1.74 -3.87	30.45 2.44 -0.16	28.17 2.44 0.00	33.89 2.84 0.00	35.00 2.68 0.00	36.94 2.54 0.01	32.53 2.40 0.00	33.00 2.37 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASHOKAN____ 23654	19.20 0.86 0.00	18.52 0.89 0.00	14.71 0.70 0.00	12.33 0.57 0.00	12.39 0.59 0.00	13.72 0.67 0.00	17.38 0.94 0.00	18.68 0.94 0.00	18.32 0.78 0.00	16.91 0.59 0.00	20.06 0.64 0.00	21.10 0.66 0.00	20.86 0.66 0.00	20.05 0.75 0.00	20.81 0.82 0.00	29.13 1.28 0.00	27.13 1.40 0.00	33.14 2.09 0.00	34.70 2.38 0.00	37.07 2.67 0.00	32.53 2.40 0.00	32.78 2.15 0.00	27.48 1.65 0.00	28.36 1.40 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.45 1.10 0.00	18.70 1.08 0.00	14.81 0.79 0.00	12.44 0.68 0.00	12.51 0.70 0.00	13.83 0.79 0.00	17.54 1.10 0.00	18.97 1.22 0.00	18.84 1.29 0.00	17.60 1.27 -0.01	21.08 1.66 0.00	25.18 1.76 -2.98	22.44 1.81 -0.42	23.32 1.76 -2.25	25.68 1.82 -3.87	30.44 2.43 -0.15	28.07 2.35 0.00	33.81 2.76 0.00	34.91 2.59 0.00	36.89 2.49 0.00	32.36 2.23 0.00	32.86 2.23 0.00	27.80 1.97 0.00	28.68 1.72 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.45 1.10 0.00	18.70 1.08 0.00	14.81 0.79 0.00	12.44 0.69 0.00	12.51 0.70 0.00	13.83 0.79 0.00	17.54 1.10 0.00	18.97 1.22 0.00	18.84 1.29 0.00	17.60 1.27 -0.01	21.08 1.66 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.31 1.76 -2.25	25.68 1.82 -3.87	30.44 2.43 -0.15	28.07 2.35 0.00	33.81 2.76 0.00	34.91 2.59 0.00	36.89 2.49 0.00	32.36 2.23 0.00	32.86 2.23 0.00	27.80 1.97 0.00	28.68 1.72 0.00
ASTORIA_GT2_1 24094	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASTORIA_GT2_2 24095	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASTORIA_GT2_3 24096	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASTORIA_GT2_4 24097	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASTORIA_GT3_1 24098	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASTORIA_GT3_2 24099	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASTORIA_GT3_3 24100	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASTORIA_GT3_4 24101	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASTORIA_GT4_1 24102	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASTORIA_GT4_2 24103	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASTORIA_GT4_3 24104	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00

ASTORIA_GT4_4 24105	19.45 1.11 0.00	18.71 1.08 0.00	14.82 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.62 1.28 -0.02	21.08 1.66 0.00	25.19 1.76 -2.98	22.45 1.82 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.46 2.45 -0.16	28.10 2.37 0.00	33.83 2.78 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.87 2.24 0.00	27.81 1.98 0.00	28.69 1.73 0.00
ASTORIA_GT_1 23523	19.49 1.14 0.00	18.74 1.11 0.00	14.83 0.82 0.00	12.46 0.71 0.00	12.54 0.72 0.00	13.86 0.82 0.00	17.57 1.14 0.00	19.01 1.27 0.00	18.88 1.34 0.00	17.65 1.31 -0.01	21.13 1.71 0.00	25.24 1.81 -2.98	22.49 1.86 -0.42	23.37 1.81 -2.25	25.74 1.88 -3.87	30.53 2.52 -0.15	28.15 2.43 0.00	33.90 2.85 0.00	35.01 2.68 0.00	36.98 2.58 0.00	32.45 2.32 0.00	32.94 2.32 0.00	27.87 2.04 0.00	28.75 1.79 0.00
ASTORIA_GT_10 24110	19.43 1.08 0.00	18.69 1.06 0.00	14.84 0.83 0.00	12.45 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.86 1.32 0.00	17.62 1.29 -0.01	21.04 1.62 0.00	25.15 1.73 -2.98	22.41 1.79 -0.42	23.31 1.76 -2.25	25.68 1.82 -3.87	30.52 2.51 -0.16	28.17 2.44 0.00	33.96 2.90 0.00	35.08 2.75 0.00	37.05 2.64 0.00	32.46 2.33 0.00	32.90 2.27 0.00	27.78 1.95 0.00	28.70 1.74 0.00
ASTORIA_GT_11 24225	19.43 1.08 0.00	18.69 1.06 0.00	14.84 0.83 0.00	12.45 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.86 1.32 0.00	17.62 1.29 -0.01	21.04 1.62 0.00	25.15 1.73 -2.98	22.41 1.79 -0.42	23.31 1.76 -2.25	25.68 1.82 -3.87	30.52 2.51 -0.16	28.17 2.44 0.00	33.96 2.90 0.00	35.08 2.75 0.00	37.05 2.64 0.00	32.46 2.33 0.00	32.90 2.27 0.00	27.78 1.95 0.00	28.70 1.74 0.00
ASTORIA_GT_12 24226	19.43 1.08 0.00	18.69 1.06 0.00	14.84 0.83 0.00	12.45 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.86 1.32 0.00	17.62 1.29 -0.01	21.04 1.62 0.00	25.15 1.73 -2.98	22.41 1.79 -0.42	23.31 1.76 -2.25	25.68 1.82 -3.87	30.52 2.51 -0.16	28.17 2.44 0.00	33.96 2.90 0.00	35.08 2.75 0.00	37.05 2.64 0.00	32.46 2.33 0.00	32.90 2.27 0.00	27.78 1.95 0.00	28.70 1.74 0.00
ASTORIA_GT_13 24227	19.43 1.08 0.00	18.69 1.06 0.00	14.84 0.83 0.00	12.45 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.86 1.32 0.00	17.62 1.29 -0.01	21.04 1.62 0.00	25.15 1.73 -2.98	22.41 1.79 -0.42	23.31 1.76 -2.25	25.68 1.82 -3.87	30.52 2.51 -0.16	28.17 2.44 0.00	33.96 2.90 0.00	35.08 2.75 0.00	37.05 2.64 0.00	32.46 2.33 0.00	32.90 2.27 0.00	27.78 1.95 0.00	28.70 1.74 0.00
ASTORIA_GT_5 24106	19.49 1.14 0.00	18.74 1.11 0.00	14.84 0.82 0.00	12.47 0.71 0.00	12.54 0.72 0.00	13.86 0.82 0.00	17.58 1.14 0.00	19.01 1.27 0.00	18.88 1.34 0.00	17.65 1.31 -0.02	21.13 1.71 0.00	25.24 1.81 -2.98	22.49 1.87 -0.42	23.37 1.81 -2.25	25.75 1.89 -3.87	30.53 2.52 -0.16	28.16 2.43 0.00	33.92 2.86 0.00	35.01 2.68 0.00	36.98 2.58 0.00	32.46 2.33 0.00	32.94 2.31 0.00	27.87 2.04 0.00	28.75 1.78 0.00
ASTORIA_GT_7 24107	19.49 1.14 0.00	18.74 1.11 0.00	14.84 0.82 0.00	12.47 0.71 0.00	12.54 0.72 0.00	13.86 0.82 0.00	17.58 1.14 0.00	19.01 1.27 0.00	18.88 1.34 0.00	17.65 1.31 -0.02	21.13 1.71 0.00	25.24 1.81 -2.98	22.49 1.87 -0.42	23.37 1.81 -2.25	25.75 1.89 -3.87	30.53 2.52 -0.16	28.16 2.43 0.00	33.92 2.86 0.00	35.01 2.68 0.00	36.98 2.58 0.00	32.46 2.33 0.00	32.94 2.31 0.00	27.87 2.04 0.00	28.75 1.78 0.00
ASTORIA_GT_8 24108	19.49 1.14 0.00	18.74 1.11 0.00	14.84 0.82 0.00	12.47 0.71 0.00	12.54 0.72 0.00	13.86 0.82 0.00	17.58 1.14 0.00	19.01 1.27 0.00	18.88 1.34 0.00	17.65 1.31 -0.02	21.13 1.71 0.00	25.24 1.81 -2.98	22.49 1.87 -0.42	23.37 1.81 -2.25	25.75 1.89 -3.87	30.53 2.52 -0.16	28.16 2.43 0.00	33.92 2.86 0.00	35.01 2.68 0.00	36.98 2.58 0.00	32.46 2.33 0.00	32.94 2.31 0.00	27.87 2.04 0.00	28.75 1.78 0.00
ASTORIA___2 24149	19.45 1.11 0.00	18.71 1.08 0.00	14.81 0.80 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.61 1.28 -0.01	21.08 1.66 0.00	25.19 1.76 -2.98	22.44 1.82 -0.42	23.32 1.76 -2.25	25.68 1.82 -3.87	30.46 2.46 -0.15	28.09 2.36 0.00	33.82 2.77 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.88 2.25 0.00	27.81 1.98 0.00	28.70 1.73 0.00
ASTORIA___3 23516	19.43 1.08 0.00	18.69 1.06 0.00	14.84 0.83 0.00	12.45 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.86 1.32 0.00	17.62 1.29 -0.01	21.04 1.62 0.00	25.15 1.73 -2.98	22.40 1.78 -0.42	23.31 1.75 -2.25	25.68 1.81 -3.87	30.53 2.51 -0.16	28.17 2.44 0.00	33.95 2.90 0.00	35.08 2.75 0.00	37.05 2.64 0.00	32.46 2.33 0.00	32.91 2.28 0.00	27.79 1.95 0.00	28.70 1.74 0.00
ASTORIA___4 23517	19.43 1.08 0.00	18.69 1.06 0.00	14.84 0.83 0.00	12.45 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.86 1.32 0.00	17.62 1.29 -0.01	21.04 1.62 0.00	25.15 1.73 -2.98	22.41 1.79 -0.42	23.31 1.76 -2.25	25.68 1.82 -3.87	30.52 2.51 -0.16	28.17 2.44 0.00	33.96 2.90 0.00	35.08 2.75 0.00	37.05 2.64 0.00	32.46 2.33 0.00	32.90 2.27 0.00	27.78 1.95 0.00	28.70 1.74 0.00
ASTORIA___5 23518	19.43 1.08 0.00	18.69 1.06 0.00	14.84 0.83 0.00	12.45 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.86 1.32 0.00	17.62 1.29 -0.01	21.07 1.65 0.00	25.19 1.76 -2.98	22.44 1.82 -0.42	23.32 1.76 -2.25	25.68 1.82 -3.87	30.46 2.46 -0.15	28.08 2.36 0.00	33.82 2.77 0.00	34.93 2.61 0.00	36.91 2.51 0.00	32.39 2.26 0.00	32.88 2.25 0.00	27.81 1.98 0.00	28.70 1.73 0.00
AST_ENERGY_2_CC3 323677	19.42 1.08 0.00	18.68 1.05 0.00	14.83 0.81 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.83 0.78 0.00	17.53 1.09 0.00	18.97 1.23 0.00	18.84 1.30 0.00	17.59 1.26 -0.01	21.03 1.61 0.00	25.14 1.70 -2.98	22.37 1.75 -0.42	23.29 1.73 -2.25	25.67 1.81 -3.87	30.52 2.51 -0.16	28.19 2.47 0.00	34.00 2.95 0.00	35.14 2.82 0.00	37.12 2.71 0.00	32.48 2.35 0.00	32.89 2.26 0.00	27.75 1.92 0.00	28.69 1.73 0.00
AST_ENERGY_2_CC4 323678	19.42 1.08 0.00	18.68 1.05 0.00	14.83 0.81 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.83 0.78 0.00	17.53 1.09 0.00	18.97 1.23 0.00	18.84 1.30 0.00	17.59 1.26 -0.01	21.03 1.61 0.00	25.14 1.70 -2.98	22.37 1.75 -0.42	23.29 1.73 -2.25	25.67 1.81 -3.87	30.52 2.51 -0.16	28.19 2.47 0.00	34.00 2.95 0.00	35.14 2.82 0.00	37.12 2.71 0.00	32.48 2.35 0.00	32.89 2.26 0.00	27.75 1.92 0.00	28.69 1.73 0.00

ATHENS_STG_1 23668	18.87 0.52 0.00	18.16 0.53 0.00	14.42 0.41 0.00	12.10 0.34 0.00	12.17 0.36 0.00	13.45 0.40 0.00	17.02 0.58 0.00	18.37 0.63 0.00	18.17 0.62 0.00	16.89 0.57 0.00	20.12 0.70 0.00	21.82 0.72 -0.65	21.03 0.74 -0.09	20.56 0.77 -0.49	21.64 0.80 -0.84	28.99 1.11 -0.04	26.84 1.11 0.00	32.43 1.37 0.00	33.67 1.35 0.00	35.74 1.34 0.00	31.31 1.18 0.00	31.68 1.05 0.00	26.70 0.87 0.00	27.69 0.73 0.00
ATHENS_STG_2 23670	18.87 0.52 0.00	18.16 0.53 0.00	14.42 0.41 0.00	12.10 0.34 0.00	12.17 0.36 0.00	13.45 0.40 0.00	17.02 0.58 0.00	18.37 0.63 0.00	18.17 0.62 0.00	16.89 0.57 0.00	20.12 0.70 0.00	21.82 0.72 -0.65	21.03 0.74 -0.09	20.56 0.77 -0.49	21.64 0.80 -0.84	28.99 1.11 -0.04	26.84 1.11 0.00	32.43 1.37 0.00	33.67 1.35 0.00	35.74 1.34 0.00	31.31 1.18 0.00	31.68 1.05 0.00	26.70 0.87 0.00	27.69 0.73 0.00
ATHENS_STG_3 23677	18.87 0.52 0.00	18.16 0.53 0.00	14.42 0.41 0.00	12.10 0.34 0.00	12.17 0.36 0.00	13.45 0.40 0.00	17.02 0.58 0.00	18.37 0.63 0.00	18.17 0.62 0.00	16.89 0.57 0.00	20.12 0.70 0.00	21.82 0.72 -0.65	21.03 0.74 -0.09	20.56 0.77 -0.49	21.64 0.80 -0.84	28.99 1.11 -0.04	26.84 1.11 0.00	32.43 1.37 0.00	33.67 1.35 0.00	35.74 1.34 0.00	31.31 1.18 0.00	31.68 1.05 0.00	26.70 0.87 0.00	27.69 0.73 0.00
AUBURN___LFGE 323710	18.49 0.14 0.00	17.78 0.15 0.00	14.03 0.02 0.00	11.73 -0.03 0.00	11.81 0.00 0.00	13.06 0.01 0.00	16.49 0.05 0.00	17.74 0.00 0.00	17.55 0.01 0.00	16.36 0.04 0.00	19.42 0.00 0.00	20.51 0.05 0.00	20.23 0.05 0.02	19.11 0.16 0.36	16.28 0.21 3.92	23.74 0.37 4.48	24.60 0.43 1.56	30.58 0.72 1.20	32.92 0.59 0.00	35.24 0.83 0.00	30.78 0.65 0.00	31.21 0.57 0.00	26.19 0.36 0.00	27.34 0.38 0.00
BABYLON_RES_REC 323704	19.75 1.41 0.00	18.95 1.32 0.00	15.11 1.10 0.00	12.72 0.96 0.00	12.80 0.99 0.00	14.07 1.02 0.00	17.89 1.45 0.00	19.31 1.57 0.00	19.11 1.57 0.00	17.77 1.48 0.03	22.65 1.96 -1.28	31.75 2.05 -9.25	31.51 2.06 -9.25	43.80 2.01 -22.48	31.39 2.09 -9.30	65.30 2.96 -34.50	28.56 2.83 0.00	34.50 3.44 0.00	35.70 3.37 0.00	37.84 3.43 0.00	37.28 3.02 -4.13	90.55 3.03 -56.90	48.85 2.64 -20.37	30.57 2.47 -1.14
BABYLON__69_KV_BK2 356345	19.94 1.59 0.00	19.12 1.50 0.00	15.26 1.25 0.00	12.84 1.08 0.00	12.93 1.12 0.00	14.21 1.16 0.00	18.07 1.63 0.00	19.49 1.75 0.00	19.32 1.78 0.00	17.95 1.66 0.03	22.87 2.18 -1.28	32.00 2.30 -9.25	31.77 2.32 -9.25	44.05 2.26 -22.48	31.63 2.34 -9.30	65.67 3.33 -34.50	28.89 3.16 0.00	34.91 3.86 0.00	36.13 3.80 0.00	38.29 3.89 0.00	37.70 3.44 -4.13	90.98 3.45 -56.90	49.19 2.99 -20.37	30.92 2.82 -1.14
BALL_HILL_WT_PWR 323825	18.21 -0.14 0.00	17.30 -0.33 0.00	13.53 -0.48 0.00	11.26 -0.50 0.00	11.35 -0.46 0.00	12.61 -0.43 0.00	15.78 -0.66 0.00	17.14 -0.60 0.00	16.99 -0.55 0.00	15.93 -0.39 0.00	19.15 -0.27 0.00	20.21 -0.24 0.00	19.88 -0.32 0.00	19.11 -0.19 0.00	19.94 -0.05 0.00	27.92 0.07 0.00	25.80 0.07 0.00	31.03 -0.03 0.00	32.31 -0.02 0.00	34.59 0.19 0.00	29.99 -0.14 0.00	30.22 -0.41 0.00	25.68 -0.15 0.00	27.02 0.06 0.00
BARON_WINDS___WT_PWR 323822	18.28 -0.06 0.00	17.36 -0.26 0.00	13.61 -0.41 0.00	11.25 -0.51 0.00	11.28 -0.53 0.00	12.49 -0.55 0.00	15.76 -0.68 0.00	17.12 -0.63 0.00	17.05 -0.49 0.00	15.96 -0.37 0.00	19.17 -0.24 0.00	20.21 -0.24 0.00	19.84 -0.36 0.00	19.02 -0.28 0.00	19.91 -0.08 0.00	27.76 -0.09 0.00	25.56 -0.17 0.00	30.97 -0.08 0.00	32.12 -0.20 0.00	34.31 -0.10 0.00	29.76 -0.37 0.00	29.90 -0.73 0.00	25.22 -0.62 0.00	26.30 -0.67 0.00
BARRETT_IC_1 23704	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.82 1.27 0.00	17.35 1.23 0.21	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT_IC_10 23701	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.81 1.27 0.00	16.78 1.23 0.77	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT_IC_11 23702	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.81 1.27 0.00	16.78 1.23 0.77	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT_IC_12 23703	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.81 1.27 0.00	16.78 1.23 0.77	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT_IC_2 23705	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.82 1.27 0.00	17.35 1.23 0.21	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT_IC_3 23706	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.82 1.27 0.00	17.35 1.23 0.21	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT_IC_4 23707	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.82 1.27 0.00	17.35 1.23 0.21	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14

BARRETT_IC_5 23708	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.82 1.27 0.00	17.35 1.23 0.21	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT_IC_6 23709	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.82 1.27 0.00	17.35 1.23 0.21	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT_IC_7 23710	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.83 1.29 0.00	17.34 1.23 0.21	22.45 1.76 -1.28	31.54 1.84 -9.25	31.30 1.85 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.30	64.83 2.48 -34.50	28.23 2.51 0.00	34.09 3.03 0.00	35.23 2.90 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.49 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT_IC_8 23711	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.82 1.27 0.00	17.35 1.23 0.21	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT_IC_9 23700	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.81 1.27 0.00	16.78 1.23 0.77	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT___1 23545	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.82 1.27 0.00	17.35 1.23 0.21	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BARRETT___2 23546	19.57 1.23 0.00	18.79 1.16 0.00	14.96 0.95 0.00	12.59 0.83 0.00	12.67 0.86 0.00	13.93 0.88 0.00	17.63 1.19 0.00	19.02 1.28 0.00	18.81 1.27 0.00	16.78 1.23 0.77	22.45 1.76 -1.28	31.54 1.84 -9.25	31.29 1.84 -9.25	43.60 1.81 -22.48	31.16 1.86 -9.31	64.84 2.49 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.23 2.91 0.00	37.29 2.89 0.00	36.81 2.55 -4.13	90.02 2.50 -56.90	48.45 2.25 -20.37	30.20 2.10 -1.14
BATAVIA__115KV_TB1 55881	18.47 0.13 0.00	17.58 -0.04 0.00	13.80 -0.22 0.00	11.50 -0.26 0.00	11.58 -0.23 0.00	12.89 -0.15 0.00	16.13 -0.31 0.00	17.46 -0.28 0.00	17.18 -0.36 0.00	16.06 -0.27 0.00	19.15 -0.27 0.00	20.20 -0.25 0.00	19.93 -0.27 0.00	19.36 0.05 0.00	20.13 0.14 0.00	28.27 0.42 0.00	26.03 0.30 0.00	31.38 0.32 -0.01	33.01 0.69 0.00	35.57 1.16 0.00	30.94 0.81 0.00	31.30 0.67 0.00	26.64 0.80 0.00	27.99 1.03 0.00
BAYONEEC___CTG1 323682	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.04 1.63 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.31 1.75 -2.25	25.69 1.83 -3.87	30.56 2.55 -0.16	28.23 2.50 0.00	34.05 3.00 0.00	35.18 2.85 0.00	37.16 2.76 0.00	32.52 2.38 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00
BAYONEEC___CTG10 323750	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.04 1.63 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.31 1.75 -2.25	25.69 1.83 -3.87	30.56 2.55 -0.16	28.23 2.50 0.00	34.05 3.00 0.00	35.18 2.85 0.00	37.16 2.76 0.00	32.52 2.38 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00
BAYONEEC___CTG2 323683	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.04 1.63 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.31 1.75 -2.25	25.69 1.83 -3.87	30.56 2.55 -0.16	28.23 2.50 0.00	34.05 3.00 0.00	35.18 2.85 0.00	37.16 2.76 0.00	32.52 2.38 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00
BAYONEEC___CTG3 323684	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.04 1.63 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.31 1.75 -2.25	25.69 1.83 -3.87	30.56 2.55 -0.16	28.23 2.50 0.00	34.05 3.00 0.00	35.18 2.85 0.00	37.16 2.76 0.00	32.52 2.38 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00
BAYONEEC___CTG4 323685	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.04 1.63 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.31 1.75 -2.25	25.69 1.83 -3.87	30.56 2.55 -0.16	28.23 2.50 0.00	34.05 3.00 0.00	35.18 2.85 0.00	37.16 2.76 0.00	32.52 2.38 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00
BAYONEEC___CTG5 323686	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.04 1.63 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.31 1.75 -2.25	25.69 1.83 -3.87	30.56 2.55 -0.16	28.23 2.50 0.00	34.05 3.00 0.00	35.18 2.85 0.00	37.16 2.76 0.00	32.52 2.38 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00
BAYONEEC___CTG6 323687	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.04 1.63 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.31 1.75 -2.25	25.69 1.83 -3.87	30.56 2.55 -0.16	28.23 2.50 0.00	34.05 3.00 0.00	35.18 2.85 0.00	37.16 2.76 0.00	32.52 2.38 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00

BAYONEEC___CTG7 323688	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.04 1.63 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.31 1.75 -2.25	25.69 1.83 -3.87	30.56 2.55 -0.16	28.23 2.50 0.00	34.05 3.00 0.00	35.18 2.85 0.00	37.16 2.76 0.00	32.52 2.38 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00
BAYONEEC___CTG8 323689	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.04 1.63 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.31 1.75 -2.25	25.69 1.83 -3.87	30.56 2.55 -0.16	28.23 2.50 0.00	34.05 3.00 0.00	35.18 2.85 0.00	37.16 2.76 0.00	32.52 2.38 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00
BAYONEEC___CTG9 323749	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.04 1.63 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.31 1.75 -2.25	25.69 1.83 -3.87	30.56 2.55 -0.16	28.23 2.50 0.00	34.05 3.00 0.00	35.18 2.85 0.00	37.16 2.76 0.00	32.52 2.38 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00
BEACON___LESR 323632	18.89 0.55 0.00	18.26 0.63 0.00	14.53 0.52 0.00	12.17 0.42 0.00	12.24 0.43 0.00	13.52 0.48 0.00	17.16 0.72 0.00	18.43 0.68 0.00	18.14 0.60 0.00	16.78 0.45 0.00	19.95 0.53 0.00	21.53 0.57 -0.51	20.93 0.65 -0.07	20.36 0.68 -0.38	21.41 0.76 -0.66	28.86 0.98 -0.03	26.71 0.98 0.00	32.45 1.40 0.00	33.77 1.44 0.00	35.92 1.51 0.00	31.45 1.32 0.00	31.77 1.14 0.00	26.72 0.89 0.00	27.73 0.77 0.00
BEAVER RIVER___HYD 24048	18.32 -0.02 0.00	17.59 -0.03 0.00	13.96 -0.06 0.00	11.72 -0.04 0.00	11.67 -0.14 0.00	12.90 -0.14 0.00	16.29 -0.15 0.00	17.52 -0.22 0.00	17.52 -0.02 0.00	16.27 -0.05 0.00	19.24 -0.18 0.00	19.98 -0.47 0.00	19.27 -0.65 0.28	11.42 -0.79 7.09	-60.64 -0.50 80.14	-61.78 -0.44 89.19	-15.83 -0.67 40.89	-6.73 -0.81 36.98	22.32 -0.64 9.37	34.18 -0.22 0.00	25.10 -0.15 4.88	20.16 -0.34 10.13	14.33 -0.33 11.17	19.75 -0.48 6.73
BEEBEE_GT_13 23619	18.26 -0.08 0.00	17.44 -0.19 0.00	13.74 -0.27 0.00	11.47 -0.28 0.00	11.55 -0.27 0.00	12.82 -0.23 0.00	16.06 -0.38 0.00	17.37 -0.38 0.00	17.12 -0.42 0.00	16.00 -0.32 0.00	19.13 -0.29 0.00	20.19 -0.26 0.00	19.95 -0.25 0.00	19.24 -0.06 0.00	19.97 -0.02 0.00	27.99 0.14 0.00	25.83 0.10 0.00	31.18 0.12 0.00	32.66 0.34 0.00	34.98 0.58 0.00	30.43 0.30 0.00	30.80 0.17 0.00	26.11 0.28 0.00	27.37 0.41 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.62 1.27 0.00	18.86 1.23 0.00	14.96 0.94 0.00	12.54 0.78 0.00	12.62 0.81 0.00	13.95 0.91 0.00	17.69 1.25 0.00	19.14 1.40 0.00	19.03 1.49 0.00	17.75 1.42 -0.01	21.20 1.78 0.00	25.33 1.90 -2.98	22.57 1.95 -0.42	23.49 1.93 -2.25	25.90 2.04 -3.87	30.86 2.85 -0.16	28.51 2.78 0.00	34.34 3.28 0.00	35.47 3.14 0.00	37.47 3.07 0.00	32.86 2.73 0.00	33.31 2.68 0.00	28.09 2.26 0.00	28.99 2.03 0.00
BETHLEHEM___GRP 23843	18.66 0.31 0.00	18.09 0.46 0.00	14.41 0.39 0.00	12.08 0.33 0.00	12.13 0.32 0.00	13.39 0.34 0.00	16.91 0.47 0.00	18.14 0.39 0.00	17.88 0.33 0.00	16.58 0.26 0.00	19.73 0.32 0.00	21.27 0.32 -0.50	20.64 0.36 -0.07	20.10 0.41 -0.38	21.07 0.43 -0.65	28.38 0.50 -0.03	26.25 0.52 0.00	31.78 0.73 0.00	33.07 0.75 0.00	35.21 0.81 0.00	30.87 0.74 0.00	31.20 0.58 0.00	26.26 0.43 0.00	27.24 0.28 0.00
BETHLEHEM___GS1 323560	18.66 0.31 0.00	18.09 0.46 0.00	14.40 0.39 0.00	12.08 0.33 0.00	12.13 0.32 0.00	13.39 0.34 0.00	16.91 0.47 0.00	18.14 0.39 0.00	17.88 0.33 0.00	16.58 0.26 0.00	19.73 0.32 0.00	21.27 0.32 -0.50	20.63 0.36 -0.07	20.10 0.41 -0.38	21.07 0.43 -0.65	28.38 0.50 -0.03	26.25 0.52 0.00	31.78 0.72 0.00	33.07 0.75 0.00	35.21 0.81 0.00	30.87 0.74 0.00	31.20 0.58 0.00	26.26 0.43 0.00	27.24 0.28 0.00
BETHLEHEM___GS2 323561	18.66 0.31 0.00	18.09 0.46 0.00	14.40 0.39 0.00	12.08 0.33 0.00	12.13 0.32 0.00	13.39 0.34 0.00	16.91 0.47 0.00	18.14 0.39 0.00	17.88 0.33 0.00	16.58 0.26 0.00	19.73 0.32 0.00	21.27 0.32 -0.50	20.63 0.36 -0.07	20.10 0.41 -0.38	21.07 0.43 -0.65	28.38 0.50 -0.03	26.25 0.52 0.00	31.78 0.72 0.00	33.07 0.75 0.00	35.21 0.81 0.00	30.87 0.74 0.00	31.20 0.58 0.00	26.26 0.43 0.00	27.24 0.28 0.00
BETHLEHEM___GS3 323562	18.66 0.31 0.00	18.09 0.46 0.00	14.40 0.39 0.00	12.08 0.33 0.00	12.13 0.32 0.00	13.39 0.34 0.00	16.91 0.47 0.00	18.14 0.39 0.00	17.88 0.33 0.00	16.58 0.26 0.00	19.73 0.32 0.00	21.27 0.32 -0.50	20.63 0.36 -0.07	20.10 0.41 -0.38	21.07 0.43 -0.65	28.38 0.50 -0.03	26.25 0.52 0.00	31.78 0.72 0.00	33.07 0.75 0.00	35.21 0.81 0.00	30.87 0.74 0.00	31.20 0.58 0.00	26.26 0.43 0.00	27.24 0.28 0.00
BETHLEHEM___STEEL 23779	18.25 -0.10 0.00	17.35 -0.27 0.00	13.59 -0.42 0.00	11.30 -0.45 0.00	11.38 -0.43 0.00	12.66 -0.39 0.00	15.81 -0.63 0.00	17.16 -0.59 0.00	16.94 -0.60 0.00	15.87 -0.45 0.00	19.06 -0.36 0.00	20.08 -0.37 0.00	19.78 -0.42 0.00	19.10 -0.20 0.00	19.89 -0.10 0.00	27.86 0.01 0.00	25.68 -0.04 0.00	30.92 -0.14 -0.01	32.31 -0.01 0.00	34.63 0.23 0.00	30.05 -0.08 0.00	30.36 -0.27 0.00	25.87 0.04 0.00	27.24 0.28 0.00
BETHLHEM_115KV_TB1 79974	18.68 0.34 0.00	18.10 0.47 0.00	14.41 0.39 0.00	12.08 0.33 0.00	12.13 0.32 0.00	13.40 0.35 0.00	16.92 0.48 0.00	18.17 0.42 0.00	17.91 0.37 0.00	16.61 0.29 0.00	19.77 0.35 0.00	21.32 0.37 -0.50	20.67 0.40 -0.07	20.13 0.45 -0.38	21.10 0.47 -0.65	28.45 0.57 -0.03	26.31 0.59 0.00	31.86 0.80 0.00	33.14 0.81 0.00	35.28 0.88 0.00	30.93 0.80 0.00	31.27 0.64 0.00	26.33 0.49 0.00	27.31 0.34 0.00
BETHPAGE_CC_5 323564	19.72 1.37 0.00	18.92 1.30 0.00	15.08 1.06 0.00	12.68 0.92 0.00	12.77 0.96 0.00	14.04 1.00 0.00	17.84 1.40 0.00	19.26 1.52 0.00	19.03 1.49 0.00	17.70 1.41 0.03	22.56 1.87 -1.28	31.66 1.95 -9.25	31.42 1.97 -9.25	43.69 1.90 -22.48	31.25 1.96 -9.30	65.08 2.73 -34.50	28.38 2.65 0.00	34.26 3.21 0.00	35.42 3.09 0.00	37.51 3.10 0.00	37.00 2.74 -4.13	90.29 2.77 -56.90	48.63 2.42 -20.37	30.39 2.30 -1.14
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.31 -0.03 0.00	17.41 -0.21 0.00	13.64 -0.38 0.00	11.34 -0.41 0.00	11.42 -0.39 0.00	12.70 -0.35 0.00	15.87 -0.57 0.00	17.22 -0.52 0.00	17.01 -0.53 0.00	15.95 -0.37 0.00	19.15 -0.27 0.00	20.18 -0.27 0.00	19.88 -0.33 0.00	19.19 -0.11 0.00	19.99 0.00 0.00	28.01 0.16 0.00	25.82 0.09 0.00	31.10 0.04 -0.01	32.48 0.16 0.00	34.81 0.41 0.00	30.20 0.07 0.00	30.50 -0.13 0.00	25.98 0.14 0.00	27.33 0.37 0.00

BINGHAMTON___COGEN 23790	18.56 0.22 0.00	17.80 0.17 0.00	14.09 0.08 0.00	11.79 0.04 0.00	11.88 0.07 0.00	13.12 0.08 0.00	16.57 0.13 0.00	17.87 0.13 0.00	17.62 0.08 0.00	16.41 0.09 0.00	19.60 0.19 0.00	20.65 0.20 0.00	20.35 0.15 0.00	19.51 0.21 0.00	20.34 0.35 0.00	28.35 0.50 0.00	26.21 0.48 0.00	31.87 0.82 0.00	33.12 0.79 0.00	35.21 0.81 0.00	30.73 0.60 0.00	31.09 0.46 0.00	26.21 0.38 0.00	27.30 0.33 0.00
BIXINCNT_115KV_LOAD 355685	18.48 0.13 0.00	17.58 -0.05 0.00	13.70 -0.31 0.00	11.33 -0.42 0.00	11.39 -0.42 0.00	12.63 -0.42 0.00	15.82 -0.62 0.00	17.23 -0.52 0.00	17.11 -0.43 0.00	16.08 -0.24 0.00	19.33 -0.09 0.00	20.33 -0.12 0.00	19.88 -0.32 0.00	19.10 -0.20 0.00	19.93 -0.06 0.00	27.93 0.08 0.00	25.80 0.08 0.00	31.19 0.14 0.00	32.34 0.02 0.00	34.63 0.23 0.00	30.06 -0.08 0.00	30.20 -0.43 0.00	25.62 -0.21 0.00	26.72 -0.25 0.00
BLACK RIVER___HYD 24047	18.31 -0.03 0.00	17.57 -0.05 0.00	13.92 -0.09 0.00	11.67 -0.09 0.00	11.63 -0.18 0.00	12.87 -0.18 0.00	16.26 -0.17 0.00	17.45 -0.30 0.00	17.51 -0.03 0.00	16.25 -0.07 0.00	19.11 -0.30 0.00	19.81 -0.64 0.00	19.15 -0.85 0.20	13.39 -0.97 4.95	-36.58 -0.63 55.94	-34.95 -0.52 62.28	-3.45 -0.71 28.47	4.47 -0.87 25.71	25.23 -0.63 6.47	34.28 -0.12 0.00	26.78 0.01 3.36	23.44 -0.20 6.99	17.87 -0.26 7.71	21.87 -0.46 4.64
BLACKRVR_115KV_TB2 79977	18.31 -0.03 0.00	17.57 -0.05 0.00	13.92 -0.09 0.00	11.67 -0.09 0.00	11.63 -0.18 0.00	12.87 -0.18 0.00	16.26 -0.17 0.00	17.44 -0.30 0.00	17.51 -0.03 0.00	16.25 -0.07 0.00	19.11 -0.30 0.00	19.81 -0.64 0.00	19.15 -0.85 0.20	13.39 -0.97 4.95	-36.58 -0.63 55.94	-34.95 -0.52 62.28	-3.45 -0.71 28.47	4.48 -0.86 25.71	25.23 -0.63 6.47	34.28 -0.13 0.00	26.78 0.01 3.36	23.44 -0.20 6.99	17.87 -0.26 7.71	21.87 -0.46 4.64
BLISS_WT_PWR 323608	18.47 0.12 0.00	17.55 -0.07 0.00	13.65 -0.36 0.00	11.27 -0.48 0.00	11.32 -0.49 0.00	12.54 -0.51 0.00	15.70 -0.74 0.00	17.13 -0.61 0.00	17.02 -0.52 0.00	16.02 -0.30 0.00	19.28 -0.14 0.00	20.27 -0.18 0.00	19.80 -0.40 0.00	19.00 -0.30 0.00	19.83 -0.16 0.00	27.79 -0.07 0.00	25.71 -0.02 0.00	31.10 0.04 0.00	32.19 -0.14 0.00	34.47 0.07 0.00	29.91 -0.21 0.00	30.00 -0.62 0.00	25.44 -0.39 0.00	26.48 -0.49 0.00
BLUESTONE___WT_PWR 323821	19.19 0.84 0.00	18.22 0.60 0.00	14.43 0.42 0.00	12.12 0.36 0.00	12.19 0.38 0.00	13.44 0.39 0.00	17.02 0.58 0.00	18.71 0.97 0.00	18.37 0.83 0.00	17.11 0.79 0.00	20.48 1.07 0.00	21.08 1.07 0.44	21.07 0.93 0.06	19.88 0.91 0.34	20.42 1.00 0.58	29.05 1.22 0.02	26.81 1.09 0.00	32.46 1.41 0.00	33.90 1.57 0.00	36.07 1.67 0.00	30.94 0.81 0.00	31.18 0.55 0.00	26.21 0.38 0.00	27.15 0.18 0.00
BLUE_CIRC_CHEM_DRP 24182	18.87 0.52 0.00	18.23 0.60 0.00	14.51 0.49 0.00	12.17 0.41 0.00	12.23 0.42 0.00	13.50 0.46 0.00	17.04 0.60 0.00	18.28 0.54 0.00	17.97 0.43 0.00	16.64 0.32 0.00	19.77 0.35 0.00	21.25 0.34 -0.46	20.63 0.36 -0.06	20.06 0.41 -0.35	21.02 0.43 -0.59	28.45 0.57 -0.03	26.34 0.61 0.00	31.93 0.88 0.00	33.30 0.98 0.00	35.54 1.14 0.00	31.19 1.07 0.00	31.55 0.92 0.00	26.57 0.73 0.00	27.58 0.62 0.00
BOC_GAS_DRP 24189	18.74 0.39 0.00	18.08 0.46 0.00	14.37 0.36 0.00	12.06 0.30 0.00	12.12 0.31 0.00	13.38 0.34 0.00	16.92 0.48 0.00	18.21 0.47 0.00	17.98 0.44 0.00	16.69 0.37 0.00	19.87 0.45 0.00	21.39 0.46 -0.48	20.75 0.48 -0.07	20.18 0.51 -0.36	21.16 0.54 -0.63	28.58 0.71 -0.03	26.45 0.72 0.00	31.97 0.92 0.00	33.26 0.94 0.00	35.37 0.97 0.00	31.01 0.88 0.00	31.38 0.75 0.00	26.44 0.60 0.00	27.45 0.48 0.00
BOONVILLE_115KV_TB1 79983	18.62 0.28 0.00	17.88 0.25 0.00	14.19 0.18 0.00	11.89 0.13 0.00	11.92 0.11 0.00	13.17 0.12 0.00	16.63 0.19 0.00	17.92 0.17 0.00	17.78 0.24 0.00	16.52 0.20 0.00	19.63 0.21 0.00	20.55 0.10 0.00	20.10 0.01 0.11	16.68 0.01 2.63	-9.37 0.18 29.54	-4.92 0.39 33.16	12.02 0.30 14.00	19.36 0.47 12.16	30.49 0.50 2.34	35.15 0.74 0.00	29.55 0.64 1.22	28.62 0.52 2.53	23.43 0.35 2.76	25.65 0.23 1.55
BORALEX_4TH_BRANCH 23824	19.34 1.00 0.00	18.69 1.06 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.53 0.72 0.00	13.80 0.75 0.00	17.47 1.03 0.00	18.81 1.07 0.00	18.48 0.94 0.00	17.05 0.73 0.00	20.23 0.81 0.00	21.87 0.84 -0.58	21.16 0.88 -0.08	20.65 0.90 -0.44	21.68 0.94 -0.75	28.95 1.06 -0.03	26.77 1.05 0.00	32.44 1.39 0.00	33.86 1.54 0.00	36.23 1.83 0.00	31.90 1.77 0.00	32.12 1.49 0.00	27.05 1.21 0.00	28.02 1.06 0.00
BOWLINE___1 23526	19.20 0.85 0.00	18.47 0.84 0.00	14.66 0.65 0.00	12.30 0.54 0.00	12.38 0.57 0.00	13.69 0.64 0.00	17.34 0.90 0.00	18.76 1.01 0.00	18.60 1.06 0.00	17.33 1.00 0.00	20.69 1.27 0.00	17.09 1.35 4.71	20.92 1.38 0.66	17.12 1.38 3.56	15.30 1.43 6.12	29.62 2.03 0.25	27.75 2.03 0.00	33.55 2.49 0.00	34.69 2.36 0.00	36.68 2.28 0.00	32.09 1.96 0.00	32.44 1.81 0.00	27.34 1.51 0.00	28.32 1.35 0.00
BOWLINE___2 23595	19.20 0.85 0.00	18.47 0.84 0.00	14.66 0.65 0.00	12.30 0.54 0.00	12.38 0.57 0.00	13.69 0.64 0.00	17.34 0.90 0.00	18.76 1.02 0.00	18.60 1.06 0.00	17.32 1.00 0.00	20.68 1.26 0.00	17.09 1.35 4.71	20.91 1.37 0.66	17.09 1.35 3.56	15.26 1.39 6.12	29.57 1.97 0.25	27.70 1.98 0.00	33.48 2.43 0.00	34.63 2.31 0.00	36.63 2.23 0.00	32.04 1.91 0.00	32.40 1.77 0.00	27.30 1.47 0.00	28.28 1.32 0.00
BRADY___115KV_TB2 356060	18.07 -0.27 0.00	17.32 -0.31 0.00	13.87 -0.14 0.00	11.78 0.03 0.00	11.69 -0.11 0.00	12.90 -0.14 0.00	16.23 -0.21 0.00	17.52 -0.22 0.00	17.29 -0.25 0.00	16.07 -0.25 0.00	19.07 -0.35 0.00	20.06 -0.39 0.00	18.80 -0.43 0.97	-5.65 -0.63 24.33	-255.52 -0.71 274.80	-279.34 -1.00 306.19	-114.17 -0.99 138.91	-95.24 -1.27 125.03	0.56 -0.98 30.78	33.54 -0.86 0.00	13.48 -0.64 16.01	-3.07 -0.43 33.27	-11.52 -0.20 37.15	2.62 -0.13 24.21
BRANSCOMB___SOLAR 323811	19.20 0.86 0.00	18.49 0.86 0.00	14.69 0.67 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.70 0.65 0.00	17.35 0.91 0.00	18.65 0.90 0.00	18.32 0.77 0.00	16.95 0.63 0.00	20.13 0.71 0.00	21.71 0.78 -0.48	21.05 0.78 -0.07	20.49 0.82 -0.37	21.49 0.87 -0.63	29.16 1.28 -0.03	27.03 1.30 0.00	32.82 1.77 0.00	34.23 1.91 0.00	36.44 2.04 0.00	32.07 1.94 0.00	32.38 1.75 0.00	27.30 1.47 0.00	28.29 1.33 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.84 1.50 0.00	19.04 1.42 0.00	15.20 1.19 0.00	12.80 1.04 0.00	12.89 1.08 0.00	14.16 1.12 0.00	18.01 1.57 0.00	19.42 1.68 0.00	19.24 1.70 0.00	17.88 1.59 0.03	22.78 2.09 -1.28	31.90 2.19 -9.25	31.68 2.22 -9.25	43.92 2.14 -22.48	31.47 2.18 -9.30	65.43 3.09 -34.50	28.63 2.90 0.00	34.58 3.53 0.00	35.81 3.48 0.00	37.97 3.57 0.00	37.49 3.23 -4.13	90.77 3.24 -56.90	49.05 2.85 -20.37	30.78 2.68 -1.14

BRISTLHL_115KV_TB1 79998	18.16 -0.18 0.00	17.42 -0.20 0.00	13.81 -0.21 0.00	11.56 -0.20 0.00	11.63 -0.17 0.00	12.85 -0.20 0.00	16.16 -0.28 0.00	17.40 -0.34 0.00	17.20 -0.34 0.00	16.01 -0.31 0.00	19.06 -0.36 0.00	20.06 -0.39 0.00	19.78 -0.40 0.03	18.40 -0.31 0.60	13.08 -0.26 6.65	19.92 -0.33 7.60	22.77 -0.31 2.65	28.76 -0.25 2.04	32.06 -0.26 0.00	34.17 -0.23 0.00	29.88 -0.25 0.00	30.27 -0.36 0.00	25.53 -0.30 0.00	26.64 -0.32 0.00
BROOKHAVEN___DRP 24191	19.65 1.30 0.00	18.87 1.25 0.00	15.16 1.15 0.00	12.76 1.01 0.00	12.87 1.06 0.00	14.11 1.06 0.00	17.96 1.52 0.00	19.33 1.58 0.00	19.20 1.66 0.00	17.85 1.56 0.03	22.63 1.94 -1.28	31.74 2.03 -9.25	31.52 2.07 -9.25	43.78 1.99 -22.48	31.36 2.06 -9.30	65.24 2.90 -34.50	28.41 2.69 0.00	34.35 3.29 0.00	35.58 3.26 0.00	37.77 3.37 0.00	37.23 2.97 -4.13	90.45 2.93 -56.90	48.78 2.57 -20.37	30.53 2.43 -1.14
BROOKLYN_NAVY_YARD 23515	19.38 1.04 0.00	18.65 1.02 0.00	14.78 0.77 0.01	12.41 0.65 0.00	12.49 0.68 0.00	13.80 0.75 0.00	17.50 1.06 0.00	18.95 1.21 0.00	18.81 1.27 0.00	17.58 1.23 -0.02	20.99 1.58 0.00	25.10 1.67 -2.98	22.34 1.72 -0.42	23.26 1.70 -2.25	25.64 1.78 -3.87	30.48 2.47 -0.16	28.14 2.41 0.01	33.94 2.89 0.00	35.06 2.75 0.01	37.04 2.65 0.01	32.42 2.29 0.00	32.84 2.21 0.00	27.73 1.90 0.00	28.68 1.71 0.00
BROOKLYN___ARMY_DRP 323595	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
BROOKVLE_69_KV_TB1 55790	19.66 1.32 0.00	18.88 1.25 0.00	15.02 1.00 0.00	12.61 0.86 0.00	12.70 0.89 0.00	13.99 0.94 0.00	17.76 1.32 0.00	19.20 1.46 0.00	19.05 1.51 0.00	17.75 1.44 0.01	22.61 1.92 -1.28	31.73 2.03 -9.25	31.52 2.07 -9.25	43.81 2.03 -22.48	31.40 2.11 -9.30	65.23 2.89 -34.50	28.54 2.81 0.00	34.45 3.40 0.00	35.61 3.29 0.00	37.65 3.25 0.00	37.08 2.82 -4.13	90.32 2.79 -56.90	48.57 2.37 -20.37	30.32 2.22 -1.14
BROOME_2_LFGE 323671	18.56 0.22 0.00	17.80 0.17 0.00	14.09 0.08 0.00	11.79 0.04 0.00	11.88 0.07 0.00	13.12 0.08 0.00	16.57 0.13 0.00	17.87 0.13 0.00	17.62 0.08 0.00	16.41 0.09 0.00	19.60 0.19 0.00	20.64 0.19 0.00	20.35 0.15 0.00	19.51 0.21 0.00	20.33 0.34 0.00	28.35 0.50 0.00	26.21 0.48 0.00	31.86 0.81 0.00	33.12 0.79 0.00	35.21 0.81 0.00	30.73 0.60 0.00	31.09 0.45 0.00	26.21 0.38 0.00	27.29 0.33 0.00
BROOME___LFGE 323600	18.56 0.22 0.00	17.80 0.17 0.00	14.09 0.08 0.00	11.79 0.04 0.00	11.88 0.07 0.00	13.12 0.08 0.00	16.57 0.13 0.00	17.87 0.13 0.00	17.62 0.08 0.00	16.41 0.09 0.00	19.60 0.19 0.00	20.64 0.19 0.00	20.35 0.15 0.00	19.51 0.21 0.00	20.33 0.34 0.00	28.35 0.50 0.00	26.21 0.48 0.00	31.86 0.81 0.00	33.12 0.79 0.00	35.21 0.81 0.00	30.73 0.60 0.00	31.09 0.45 0.00	26.21 0.38 0.00	27.29 0.33 0.00
BROWNFLS_115KV_TB_3_5 80003	18.12 -0.22 0.00	17.37 -0.25 0.00	13.84 -0.17 0.00	11.69 -0.06 0.00	11.62 -0.19 0.00	12.83 -0.21 0.00	16.17 -0.26 0.00	17.44 -0.31 0.00	17.35 -0.19 0.00	16.11 -0.21 0.00	19.07 -0.35 0.00	19.90 -0.55 0.00	19.01 -0.68 0.51	5.65 -0.88 12.77	-125.42 -0.76 144.64	-133.81 -0.92 160.74	-50.00 -1.02 74.70	-38.24 -1.30 67.99	13.37 -1.10 17.86	33.56 -0.85 0.00	20.16 -0.68 9.29	10.64 -0.68 19.30	4.05 -0.47 21.31	13.50 -0.53 12.94
BROWNSV1_27_KV_LOAD 356125	19.58 1.24 0.00	18.83 1.20 0.00	14.93 0.92 0.00	12.53 0.77 0.00	12.61 0.80 0.00	13.93 0.89 0.00	17.68 1.24 0.00	19.14 1.40 0.00	19.02 1.48 0.00	17.76 1.43 -0.01	21.22 1.81 0.00	25.35 1.92 -2.98	22.59 1.97 -0.42	23.50 1.94 -2.25	25.89 2.03 -3.87	30.84 2.83 -0.16	28.50 2.77 0.00	34.37 3.32 0.00	35.51 3.19 0.00	37.52 3.12 0.00	32.83 2.70 0.00	33.23 2.60 0.00	28.04 2.21 0.00	28.98 2.01 0.00
BURROWS___LYONSDAL 23803	18.54 0.19 0.00	17.80 0.17 0.00	14.12 0.11 0.00	11.84 0.08 0.00	11.84 0.03 0.00	13.09 0.04 0.00	16.53 0.08 0.00	17.80 0.05 0.00	17.70 0.16 0.00	16.44 0.12 0.00	19.53 0.11 0.00	20.39 -0.06 0.00	19.88 -0.18 0.14	15.58 -0.22 3.51	-19.47 0.01 39.47	-16.13 0.17 44.16	6.48 0.03 19.28	14.15 0.12 17.03	28.78 0.18 3.72	34.86 0.46 0.00	28.59 0.39 1.94	26.85 0.24 4.02	21.54 0.12 4.41	24.38 -0.02 2.57
CAITHNESS_CC_1 323624	19.66 1.32 0.00	18.89 1.26 0.00	15.15 1.13 0.00	12.75 0.99 0.00	12.86 1.04 0.00	14.11 1.06 0.00	17.95 1.51 0.00	19.32 1.58 0.00	19.18 1.63 0.00	17.83 1.54 0.03	22.63 1.93 -1.28	31.74 2.03 -9.25	31.52 2.07 -9.25	43.78 1.99 -22.48	31.36 2.07 -9.30	65.25 2.90 -34.50	28.42 2.69 0.00	34.34 3.28 0.00	35.55 3.23 0.00	37.75 3.35 0.00	37.21 2.94 -4.13	90.44 2.92 -56.90	48.78 2.57 -20.37	30.54 2.44 -1.14
CALPINE BETH_PAGE_GT4 24209	19.71 1.37 0.00	18.92 1.29 0.00	15.08 1.06 0.00	12.68 0.92 0.00	12.76 0.95 0.00	14.04 0.99 0.00	17.82 1.39 0.00	19.25 1.51 0.00	19.05 1.51 0.00	17.70 1.41 0.03	22.57 1.87 -1.28	31.67 1.97 -9.25	31.44 1.99 -9.25	43.71 1.92 -22.48	31.25 1.95 -9.30	65.06 2.71 -34.50	28.36 2.64 0.00	34.25 3.19 0.00	35.40 3.07 0.00	37.49 3.09 0.00	37.00 2.73 -4.13	90.32 2.80 -56.90	48.63 2.43 -20.37	30.43 2.33 -1.14
CALPINE_BETH_PAGE_GT_4 323586	19.71 1.37 0.00	18.92 1.29 0.00	15.07 1.06 0.00	12.68 0.92 0.00	12.76 0.95 0.00	14.04 0.99 0.00	17.82 1.38 0.00	19.25 1.51 0.00	19.04 1.50 0.00	17.70 1.41 0.03	22.57 1.87 -1.28	31.67 1.96 -9.25	31.43 1.98 -9.25	43.71 1.92 -22.48	31.25 1.95 -9.30	65.06 2.71 -34.50	28.36 2.64 0.00	34.25 3.19 0.00	35.39 3.07 0.00	37.49 3.09 0.00	37.00 2.73 -4.13	90.32 2.80 -56.90	48.63 2.43 -20.37	30.43 2.33 -1.14
CALPINE_BP_GT1 23823	19.71 1.37 0.00	18.92 1.29 0.00	15.07 1.06 0.00	12.68 0.92 0.00	12.76 0.95 0.00	14.04 0.99 0.00	17.82 1.38 0.00	19.25 1.51 0.00	19.04 1.50 0.00	17.70 1.41 0.03	22.57 1.87 -1.28	31.67 1.96 -9.25	31.43 1.98 -9.25	43.71 1.92 -22.48	31.25 1.95 -9.30	65.06 2.71 -34.50	28.36 2.64 0.00	34.25 3.19 0.00	35.39 3.07 0.00	37.49 3.09 0.00	37.00 2.73 -4.13	90.32 2.80 -56.90	48.63 2.43 -20.37	30.43 2.33 -1.14
CALSPAN___DRP 24200	18.25 -0.10 0.00	17.35 -0.27 0.00	13.59 -0.42 0.00	11.30 -0.45 0.00	11.38 -0.43 0.00	12.66 -0.39 0.00	15.81 -0.63 0.00	17.16 -0.59 0.00	16.94 -0.60 0.00	15.87 -0.45 0.00	19.06 -0.36 0.00	20.08 -0.37 0.00	19.78 -0.42 0.00	19.10 -0.20 0.00	19.89 -0.10 0.00	27.86 0.01 0.00	25.68 -0.04 0.00	30.92 -0.14 -0.01	32.31 -0.01 0.00	34.63 0.23 0.00	30.05 -0.08 0.00	30.36 -0.27 0.00	25.87 0.04 0.00	27.24 0.28 0.00

CALVERTON___SOLAR 323806	19.64 1.29 0.00	18.87 1.25 0.00	15.18 1.16 0.00	12.77 1.02 0.00	12.89 1.08 0.00	14.14 1.09 0.00	17.99 1.55 0.00	19.36 1.61 0.00	19.24 1.70 0.00	17.90 1.60 0.03	22.66 1.96 -1.28	31.76 2.06 -9.25	31.55 2.10 -9.25	43.80 2.01 -22.48	31.37 2.07 -9.30	65.26 2.91 -34.50	28.44 2.71 0.00	34.39 3.34 0.00	35.62 3.30 0.00	37.83 3.43 0.00	37.28 3.01 -4.13	90.49 2.96 -56.90	48.79 2.59 -20.37	30.53 2.44 -1.14
CANDIGU_WT_PWR 323617	18.28 -0.06 0.00	17.36 -0.26 0.00	13.61 -0.41 0.00	11.25 -0.51 0.00	11.28 -0.53 0.00	12.49 -0.55 0.00	15.76 -0.68 0.00	17.12 -0.63 0.00	17.05 -0.49 0.00	15.96 -0.37 0.00	19.17 -0.24 0.00	20.21 -0.24 0.00	19.84 -0.36 0.00	19.02 -0.28 0.00	19.91 -0.08 0.00	27.76 -0.09 0.00	25.56 -0.17 0.00	30.97 -0.08 0.00	32.12 -0.20 0.00	34.31 -0.10 0.00	29.76 -0.37 0.00	29.90 -0.73 0.00	25.22 -0.62 0.00	26.30 -0.67 0.00
CARR STREET_E_SYR 24060	18.28 -0.06 0.00	17.53 -0.09 0.00	13.89 -0.13 0.00	11.63 -0.13 0.00	11.70 -0.11 0.00	12.93 -0.12 0.00	16.27 -0.17 0.00	17.53 -0.21 0.00	17.33 -0.21 0.00	16.16 -0.17 0.00	19.24 -0.17 0.00	20.26 -0.19 0.00	20.01 -0.17 0.02	18.74 -0.08 0.48	14.60 -0.05 5.34	21.72 -0.03 6.11	23.57 -0.03 2.13	29.42 0.01 1.64	32.34 0.01 0.00	34.44 0.04 0.00	30.11 -0.02 0.00	30.57 -0.05 0.00	25.77 -0.06 0.00	26.87 -0.09 0.00
CARTHAGE___PAPER 23857	18.41 0.06 0.00	17.66 0.04 0.00	14.01 0.00 0.00	11.76 0.00 0.00	11.71 -0.10 0.00	12.96 -0.09 0.00	16.37 -0.07 0.00	17.59 -0.15 0.00	17.60 0.05 0.00	16.34 0.02 0.00	19.25 -0.17 0.00	19.96 -0.49 0.00	19.28 -0.69 0.23	12.70 -0.83 5.78	-45.82 -0.51 65.30	-45.25 -0.41 72.69	-8.13 -0.59 33.27	0.24 -0.75 30.07	24.25 -0.49 7.59	34.38 -0.02 0.00	26.27 0.09 3.95	22.32 -0.10 8.21	16.62 -0.16 9.05	21.18 -0.34 5.45
CASSADAGA_WT_PWR 323784	18.26 -0.09 0.00	17.12 -0.51 0.00	13.32 -0.69 0.00	11.07 -0.69 0.00	11.18 -0.63 0.00	12.41 -0.64 0.00	15.61 -0.83 0.00	17.09 -0.65 0.00	17.09 -0.45 0.00	16.14 -0.18 0.00	19.45 0.04 0.00	20.61 0.16 0.00	20.26 0.05 0.00	19.25 -0.05 0.00	20.12 0.13 0.00	28.29 0.44 0.00	26.28 0.55 0.00	31.35 0.30 0.00	32.50 0.17 0.00	34.83 0.43 0.00	30.10 -0.03 0.00	30.08 -0.55 0.00	25.40 -0.43 0.00	26.72 -0.24 0.00
CE_DUNWOOD___DRP 24194	19.33 0.99 0.00	18.59 0.97 0.00	14.76 0.74 0.00	12.38 0.63 0.00	12.46 0.65 0.00	13.77 0.73 0.00	17.46 1.02 0.00	18.89 1.15 0.00	18.73 1.19 0.00	17.46 1.14 0.00	20.85 1.44 0.00	25.17 1.53 -3.19	22.21 1.56 -0.45	23.27 1.55 -2.41	25.76 1.62 -4.14	30.30 2.28 -0.17	27.97 2.24 0.00	33.78 2.73 0.00	34.95 2.63 0.00	36.96 2.56 0.00	32.34 2.21 0.00	32.72 2.09 0.00	27.58 1.75 0.00	28.54 1.58 0.00
CE_MILLWOOD___DRP 24193	19.29 0.95 0.00	18.55 0.93 0.00	14.73 0.71 0.00	12.36 0.60 0.00	12.44 0.63 0.00	13.74 0.70 0.00	17.42 0.98 0.00	18.84 1.10 0.00	18.69 1.15 0.00	17.41 1.09 0.00	20.80 1.38 0.00	25.25 1.46 -3.33	22.17 1.49 -0.47	23.31 1.49 -2.52	25.88 1.56 -4.33	30.21 2.18 -0.18	27.89 2.16 0.00	33.69 2.64 0.00	34.87 2.54 0.00	36.88 2.48 0.00	32.26 2.13 0.00	32.63 2.00 0.00	27.51 1.68 0.00	28.47 1.51 0.00
CE_NYC2_DRP 24202	19.45 1.10 0.00	18.70 1.08 0.00	14.85 0.84 0.00	12.46 0.71 0.00	12.54 0.72 0.00	13.86 0.81 0.00	17.57 1.13 0.00	19.00 1.26 0.00	18.88 1.34 0.00	17.63 1.30 -0.01	21.06 1.64 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.33 1.77 -2.25	25.70 1.84 -3.87	30.55 2.54 -0.16	28.20 2.47 0.00	33.99 2.94 0.00	35.12 2.79 0.00	37.09 2.69 0.00	32.49 2.36 0.00	32.93 2.30 0.00	27.80 1.97 0.00	28.72 1.76 0.00
CE_NYC_DRP 24195	19.46 1.12 0.00	18.71 1.09 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.54 0.73 0.00	13.85 0.81 0.00	17.57 1.13 0.00	19.02 1.28 0.00	18.89 1.35 0.00	17.64 1.31 -0.01	21.08 1.66 0.00	25.19 1.77 -2.98	22.43 1.81 -0.42	23.35 1.80 -2.25	25.74 1.88 -3.87	30.62 2.61 -0.16	28.28 2.56 0.00	34.11 3.06 0.00	35.24 2.91 0.00	37.23 2.83 0.00	32.58 2.45 0.00	32.98 2.35 0.00	27.83 2.00 0.00	28.77 1.81 0.00
CHAFFEE___LFGE 323603	18.40 0.06 0.00	17.50 -0.13 0.00	13.71 -0.30 0.00	11.40 -0.35 0.00	11.49 -0.32 0.00	12.78 -0.27 0.00	15.98 -0.46 0.00	17.36 -0.39 0.00	17.15 -0.39 0.00	16.06 -0.26 0.00	19.28 -0.13 0.00	20.33 -0.12 0.00	20.03 -0.17 0.00	19.35 0.04 0.00	20.16 0.17 0.00	28.23 0.38 0.00	26.06 0.33 0.00	31.39 0.33 0.00	32.81 0.48 0.00	35.16 0.75 0.00	30.50 0.37 0.00	30.81 0.18 0.00	26.23 0.40 0.00	27.59 0.62 0.00
CHATEAUG_35_KV_LOAD 355732	18.08 -0.27 0.00	17.24 -0.39 0.00	13.76 -0.26 0.00	11.61 -0.15 0.00	11.68 -0.13 0.00	12.88 -0.17 0.00	16.26 -0.18 0.00	17.57 -0.17 0.00	17.30 -0.24 0.00	16.07 -0.25 0.00	19.04 -0.38 0.00	19.95 -0.51 0.00	19.57 -0.51 0.11	14.25 -0.80 4.25	-34.65 -0.96 53.68	-26.46 -1.39 52.92	-28.15 -1.06 52.83	-29.65 -0.88 59.82	-1.01 -0.44 32.89	33.95 -0.45 0.00	12.52 -0.50 17.11	-6.06 -1.14 35.55	-19.97 -1.33 44.48	-21.60 -1.27 47.29
CHATEAUG_WT_PWR 323614	18.38 0.03 0.00	17.44 -0.18 0.00	13.87 -0.14 0.00	11.70 -0.05 0.00	11.81 0.00 0.00	13.02 -0.03 0.00	16.46 0.02 0.00	17.70 -0.05 0.00	17.35 -0.19 0.00	16.12 -0.20 0.00	19.09 -0.32 0.00	19.88 -0.57 0.00	19.59 -0.55 0.06	15.31 -0.94 3.06	-21.74 -1.12 40.61	-11.87 -1.86 37.86	-23.54 -1.19 48.09	-26.00 -0.61 56.44	-0.78 0.27 33.38	34.68 0.28 0.00	12.81 0.05 17.36	-6.75 -1.31 36.08	-21.10 -2.09 44.84	-22.16 -2.44 46.69
CHAT_HIGH_FALL_HYD 323578	18.08 -0.27 0.00	17.24 -0.39 0.00	13.76 -0.26 0.00	11.61 -0.15 0.00	11.68 -0.13 0.00	12.88 -0.17 0.00	16.26 -0.18 0.00	17.57 -0.17 0.00	17.30 -0.24 0.00	16.07 -0.25 0.00	19.04 -0.38 0.00	19.95 -0.51 0.00	19.57 -0.51 0.11	14.25 -0.80 4.25	-34.65 -0.96 53.68	-26.46 -1.39 52.92	-28.15 -1.06 52.83	-29.65 -0.88 59.82	-1.01 -0.44 32.89	33.95 -0.45 0.00	12.52 -0.50 17.11	-6.06 -1.14 35.55	-19.97 -1.33 44.48	-21.60 -1.27 47.29
CHAUTAUQUA___LFGE 323629	18.26 -0.08 0.00	17.29 -0.34 0.00	13.50 -0.51 0.00	11.23 -0.53 0.00	11.33 -0.48 0.00	12.58 -0.46 0.00	15.78 -0.66 0.00	17.17 -0.57 0.00	17.07 -0.47 0.00	16.04 -0.28 0.00	19.32 -0.09 0.00	20.43 -0.02 0.00	20.08 -0.12 0.00	19.22 -0.09 0.00	20.09 0.10 0.00	28.15 0.30 0.00	26.10 0.37 0.00	31.29 0.24 0.00	32.51 0.18 0.00	34.81 0.40 0.00	30.15 0.02 0.00	30.31 -0.32 0.00	25.68 -0.16 0.00	27.00 0.04 0.00
CHERRYST_13_KV_LD 356241	19.51 1.17 0.00	18.77 1.14 0.00	14.89 0.88 0.00	12.50 0.74 0.00	12.58 0.77 0.00	13.89 0.85 0.00	17.62 1.19 0.00	19.09 1.35 0.00	18.97 1.42 0.00	17.72 1.39 -0.01	21.17 1.75 0.00	25.29 1.86 -2.98	22.53 1.91 -0.42	23.45 1.89 -2.25	25.84 1.97 -3.87	30.76 2.75 -0.16	28.41 2.68 0.00	34.27 3.21 0.00	35.39 3.06 0.00	37.37 2.97 0.00	32.69 2.56 0.00	33.09 2.46 0.00	27.92 2.08 0.00	28.86 1.89 0.00

CHESTROR_138KV_BK263 355645	19.10 0.75 0.00	18.36 0.73 0.00	14.58 0.56 0.00	12.23 0.48 0.00	12.31 0.50 0.00	13.61 0.56 0.00	17.23 0.79 0.00	18.62 0.88 0.00	18.45 0.91 0.00	17.18 0.85 0.00	20.49 1.08 0.00	18.69 1.14 2.90	20.96 1.17 0.41	18.29 1.18 2.19	17.47 1.24 3.76	29.47 1.77 0.16	27.51 1.78 0.00	33.26 2.21 0.00	34.47 2.14 0.00	36.50 2.10 0.00	31.93 1.80 0.00	32.29 1.66 0.00	27.20 1.37 0.00	28.19 1.22 0.00
CH_MIDHUDSON___DRP 24192	19.28 0.93 0.00	18.53 0.91 0.00	14.71 0.70 0.00	12.34 0.58 0.00	12.42 0.61 0.00	13.72 0.68 0.00	17.41 0.97 0.00	18.83 1.09 0.00	18.65 1.11 0.00	17.35 1.03 0.00	20.72 1.30 0.00	22.47 1.36 -0.66	21.69 1.39 -0.09	21.21 1.41 -0.50	22.32 1.48 -0.85	30.02 2.13 -0.04	27.84 2.11 0.00	33.66 2.61 0.00	34.94 2.62 0.00	36.98 2.58 0.00	32.36 2.23 0.00	32.70 2.07 0.00	27.52 1.69 0.00	28.47 1.51 0.00
CH_MISC_IPPS 23765	19.39 1.05 0.00	18.64 1.02 0.00	14.79 0.78 0.00	12.41 0.65 0.00	12.49 0.67 0.00	13.80 0.76 0.00	17.51 1.08 0.00	18.95 1.21 0.00	18.76 1.22 0.00	17.46 1.14 0.00	20.84 1.43 0.00	21.96 1.51 0.00	21.74 1.54 0.00	20.87 1.56 0.00	21.63 1.64 0.00	30.23 2.38 0.00	28.10 2.38 0.00	34.00 2.95 0.00	35.28 2.96 0.00	37.35 2.95 0.00	32.65 2.52 0.00	33.00 2.37 0.00	27.76 1.93 0.00	28.70 1.74 0.00
CH_RES_BVR_FALLS 23983	17.97 -0.37 0.00	17.26 -0.36 0.00	13.75 -0.27 0.00	11.54 -0.22 0.00	11.54 -0.27 0.00	12.72 -0.33 0.00	16.03 -0.42 0.00	17.33 -0.41 0.00	17.22 -0.32 0.00	16.02 -0.30 0.00	19.08 -0.33 0.00	20.02 -0.43 0.00	19.74 -0.50 -0.04	16.97 -0.64 1.69	-10.13 -0.63 29.50	6.75 -0.82 20.28	-36.82 -0.70 61.84	-47.76 -0.74 78.08	-21.11 -1.04 52.39	33.31 -1.10 0.00	1.88 -0.99 27.26	-26.92 -0.91 56.64	-38.73 -0.85 63.71	-17.20 -0.90 43.27
CH_RES_NIAGARA 23895	17.71 -0.63 0.00	16.86 -0.77 0.00	13.22 -0.80 0.00	11.02 -0.74 0.00	11.09 -0.72 0.00	12.34 -0.71 0.00	15.34 -1.10 0.00	16.61 -1.13 0.00	16.23 -1.31 0.00	15.19 -1.13 0.00	18.18 -1.24 0.00	19.15 -1.30 0.00	18.89 -1.31 0.00	18.29 -1.02 0.00	18.97 -1.03 0.00	26.52 -1.33 0.00	24.40 -1.32 0.01	29.33 -1.70 0.03	30.79 -1.53 0.00	33.08 -1.32 0.00	28.72 -1.41 0.00	29.11 -1.52 0.00	24.99 -0.84 0.00	26.58 -0.39 0.00
CH_RES_SYRACUSE 23985	18.36 0.02 0.00	17.64 0.01 0.00	13.96 -0.05 0.00	11.69 -0.07 0.00	11.77 -0.04 0.00	13.00 -0.05 0.00	16.37 -0.07 0.00	17.64 -0.11 0.00	17.44 -0.11 0.00	16.25 -0.07 0.00	19.35 -0.07 0.00	20.37 -0.08 0.00	20.12 -0.06 0.02	18.90 0.03 0.43	15.31 0.05 4.74	22.56 0.13 5.42	24.01 0.17 1.89	29.88 0.28 1.45	32.61 0.28 0.00	34.76 0.36 0.00	30.37 0.24 0.00	30.78 0.15 0.00	25.92 0.09 0.00	27.03 0.07 0.00
CLINTON_WT_PWR 323605	18.38 0.03 0.00	17.44 -0.18 0.00	13.87 -0.14 0.00	11.70 -0.05 0.00	11.81 0.00 0.00	13.02 -0.03 0.00	16.46 0.02 0.00	17.70 -0.05 0.00	17.35 -0.19 0.00	16.12 -0.20 0.00	19.09 -0.32 0.00	19.88 -0.57 0.00	19.59 -0.55 0.06	15.31 -0.94 3.06	-21.74 -1.12 40.61	-11.87 -1.86 37.86	-23.54 -1.19 48.09	-26.00 -0.61 56.44	-0.78 0.27 33.38	34.68 0.28 0.00	12.81 0.05 17.36	-6.75 -1.31 36.08	-21.10 -2.09 44.84	-22.16 -2.44 46.69
CLINTON___LFGE 323618	18.45 0.10 0.00	17.54 -0.08 0.00	13.96 -0.06 0.00	11.76 0.00 0.00	11.86 0.05 0.00	13.08 0.04 0.00	16.55 0.11 0.00	17.81 0.07 0.00	17.47 -0.07 0.00	16.20 -0.12 0.00	19.19 -0.23 0.00	20.04 -0.41 0.00	19.77 -0.36 0.07	15.39 -0.67 3.25	-23.57 -0.85 42.72	-13.81 -1.38 40.29	-24.00 -0.88 48.85	-26.34 -0.41 56.99	-0.59 0.38 33.30	34.88 0.48 0.00	13.06 0.25 17.32	-6.14 -0.78 36.00	-20.30 -1.35 44.79	-21.29 -1.47 46.78
COBBLENY_34_KV_TB1 80064	18.40 0.05 0.00	17.50 -0.13 0.00	13.71 -0.30 0.00	11.40 -0.35 0.00	11.49 -0.32 0.00	12.78 -0.27 0.00	15.98 -0.46 0.00	17.36 -0.39 0.00	17.15 -0.40 0.00	16.06 -0.26 0.00	19.28 -0.13 0.00	20.33 -0.13 0.00	20.02 -0.18 0.00	19.34 0.03 0.00	20.16 0.16 0.00	28.23 0.38 0.00	26.05 0.32 0.00	31.36 0.30 0.00	32.80 0.48 0.00	35.16 0.76 0.00	30.50 0.37 0.00	30.81 0.18 0.00	26.23 0.40 0.00	27.58 0.62 0.00
COFFEEN___115KV_TB3 355620	18.42 0.07 0.00	17.67 0.04 0.00	13.99 -0.02 0.00	11.73 -0.03 0.00	11.70 -0.11 0.00	12.95 -0.10 0.00	16.37 -0.07 0.00	17.53 -0.21 0.00	17.62 0.07 0.00	16.34 0.02 0.00	19.16 -0.26 0.00	19.87 -0.58 0.00	19.21 -0.80 0.19	13.60 -0.91 4.80	-34.83 -0.54 54.28	-32.97 -0.38 60.43	-2.46 -0.57 27.62	5.42 -0.69 24.94	25.67 -0.38 6.27	34.58 0.18 0.00	27.21 0.35 3.26	24.02 0.16 6.78	18.39 0.03 7.47	22.29 -0.18 4.49
COLDSPRG_115KV_BK1 355956	18.64 0.30 0.00	17.65 0.02 0.00	13.80 -0.21 0.00	11.49 -0.27 0.00	11.60 -0.21 0.00	12.89 -0.16 0.00	16.23 -0.21 0.00	17.71 -0.04 0.00	17.66 0.12 0.00	16.59 0.27 0.00	19.94 0.53 0.00	21.09 0.64 0.00	20.69 0.49 0.00	19.78 0.48 0.00	20.70 0.70 0.00	29.04 1.19 0.00	26.86 1.13 0.00	32.20 1.14 0.00	33.47 1.14 0.00	35.77 1.37 0.00	30.95 0.82 0.00	31.09 0.46 0.00	26.32 0.49 0.00	27.61 0.65 0.00
COLONIE_LFGE___ 323577	19.05 0.70 0.00	18.37 0.74 0.00	14.60 0.58 0.00	12.24 0.48 0.00	12.31 0.50 0.00	13.60 0.55 0.00	17.21 0.77 0.00	18.53 0.78 0.00	18.23 0.69 0.00	16.89 0.57 0.00	20.06 0.64 0.00	21.65 0.69 -0.51	20.98 0.71 -0.07	20.43 0.74 -0.39	21.43 0.78 -0.67	28.90 1.02 -0.03	26.76 1.03 0.00	32.41 1.36 0.00	33.77 1.45 0.00	35.97 1.57 0.00	31.59 1.46 0.00	31.89 1.26 0.00	26.86 1.03 0.00	27.86 0.90 0.00
COOPERNY_115KV_TB1 80082	18.87 0.52 0.00	18.14 0.51 0.00	14.41 0.39 0.00	12.09 0.33 0.00	12.16 0.35 0.00	13.44 0.39 0.00	16.99 0.55 0.00	18.36 0.62 0.00	18.22 0.68 0.00	16.96 0.64 0.00	20.23 0.82 0.00	20.21 0.85 1.09	20.92 0.87 0.15	19.35 0.87 0.82	19.50 0.92 1.42	29.11 1.31 0.06	27.05 1.32 0.00	32.62 1.57 0.00	33.83 1.50 0.00	35.87 1.47 0.00	31.39 1.26 0.00	31.79 1.16 0.00	26.79 0.96 0.00	27.82 0.85 0.00
COPENHAGEN_WT_PWR 323753	18.18 -0.16 0.00	17.45 -0.17 0.00	13.82 -0.20 0.00	11.58 -0.18 0.00	11.53 -0.28 0.00	12.76 -0.29 0.00	16.12 -0.32 0.00	17.30 -0.44 0.00	17.38 -0.16 0.00	16.12 -0.19 0.00	19.03 -0.39 0.00	19.67 -0.78 0.00	19.01 -1.01 0.18	13.63 -1.13 4.54	-32.16 -0.81 51.34	-30.04 -0.72 57.16	-1.32 -0.93 26.11	6.34 -1.14 23.57	25.43 -0.98 5.91	33.91 -0.49 0.00	26.68 -0.37 3.08	23.59 -0.64 6.40	18.17 -0.61 7.05	21.91 -0.82 4.24
CORNELL_____ 23752	18.73 0.39 0.00	17.95 0.32 0.00	14.20 0.18 0.00	11.88 0.12 0.00	11.96 0.15 0.00	13.22 0.18 0.00	16.70 0.26 0.00	17.98 0.24 0.00	17.75 0.21 0.00	16.52 0.20 0.00	19.67 0.25 0.00	20.68 0.23 0.00	20.40 0.21 0.00	19.57 0.27 0.00	20.36 0.37 0.00	28.47 0.61 0.00	26.35 0.62 0.00	32.05 1.00 0.00	33.37 1.05 0.00	35.65 1.25 0.00	31.15 1.02 0.00	31.51 0.89 0.00	26.51 0.68 0.00	27.58 0.61 0.00

CORONA_69_KV_TB1 355595	19.69 1.35 0.00	18.91 1.28 0.00	15.05 1.03 0.00	12.65 0.89 0.00	12.73 0.92 0.00	14.01 0.96 0.00	17.75 1.31 0.00	19.18 1.43 0.00	19.01 1.47 0.00	17.78 1.40 -0.05	22.60 1.91 -1.28	31.71 2.00 -9.25	31.48 2.03 -9.25	43.78 2.00 -22.48	31.37 2.07 -9.30	65.21 2.86 -34.50	28.56 2.83 0.00	34.44 3.39 0.00	35.59 3.27 0.00	37.67 3.27 0.00	37.17 2.90 -4.13	90.37 2.85 -56.90	48.65 2.45 -20.37	30.37 2.28 -1.14
CORTLAND_115KV_TB3 80093	18.65 0.30 0.00	17.88 0.25 0.00	14.16 0.14 0.00	11.85 0.09 0.00	11.93 0.12 0.00	13.19 0.14 0.00	16.65 0.21 0.00	17.95 0.21 0.00	17.73 0.19 0.00	16.48 0.16 0.00	19.64 0.22 0.00	20.68 0.23 0.00	20.39 0.21 0.02	19.16 0.25 0.39	15.97 0.34 4.36	23.43 0.56 4.98	24.57 0.57 1.73	30.58 0.85 1.32	33.17 0.85 0.00	35.37 0.97 0.00	30.95 0.82 0.00	31.34 0.71 0.00	26.38 0.55 0.00	27.45 0.48 0.00
COXSACKIE___GT 23611	19.38 1.03 0.00	18.74 1.11 0.00	14.91 0.89 0.00	12.50 0.74 0.00	12.55 0.74 0.00	13.88 0.83 0.00	17.56 1.12 0.00	18.80 1.06 0.00	18.34 0.80 0.00	16.87 0.55 0.00	19.99 0.58 0.00	21.01 0.56 0.00	20.80 0.60 0.00	20.00 0.70 0.00	20.76 0.77 0.00	29.00 1.15 0.00	27.03 1.30 0.00	33.02 1.97 0.00	34.65 2.33 0.00	37.20 2.79 0.00	32.68 2.55 0.00	32.94 2.31 0.00	27.62 1.79 0.00	28.54 1.58 0.00
CPV_VALLEY___CC1 323721	18.96 0.61 0.00	18.23 0.60 0.00	14.48 0.47 0.00	12.15 0.39 0.00	12.23 0.42 0.00	13.52 0.47 0.00	17.09 0.65 0.00	18.48 0.74 0.00	18.31 0.77 0.00	17.05 0.73 0.00	20.35 0.93 0.00	19.63 0.99 1.81	20.95 1.01 0.25	18.96 1.02 1.36	18.72 1.07 2.35	29.27 1.51 0.10	27.24 1.52 0.00	32.93 1.87 0.00	34.11 1.78 0.00	36.13 1.73 0.00	31.61 1.48 0.00	31.98 1.35 0.00	26.95 1.12 0.00	27.95 0.99 0.00
CPV_VALLEY___CC2 323722	18.96 0.61 0.00	18.23 0.60 0.00	14.48 0.47 0.00	12.15 0.39 0.00	12.23 0.42 0.00	13.52 0.47 0.00	17.09 0.65 0.00	18.48 0.74 0.00	18.31 0.77 0.00	17.05 0.73 0.00	20.35 0.93 0.00	19.63 0.99 1.81	20.95 1.01 0.25	18.96 1.02 1.36	18.72 1.07 2.35	29.27 1.51 0.10	27.24 1.52 0.00	32.93 1.87 0.00	34.11 1.78 0.00	36.13 1.73 0.00	31.61 1.48 0.00	31.98 1.35 0.00	26.95 1.12 0.00	27.95 0.99 0.00
CRESCENT___HYD 24018	19.05 0.70 0.00	18.37 0.74 0.00	14.60 0.58 0.00	12.24 0.48 0.00	12.31 0.50 0.00	13.60 0.55 0.00	17.21 0.77 0.00	18.53 0.78 0.00	18.23 0.69 0.00	16.89 0.57 0.00	20.06 0.64 0.00	21.65 0.69 -0.51	20.98 0.71 -0.07	20.43 0.74 -0.39	21.43 0.78 -0.67	28.90 1.02 -0.03	26.76 1.03 0.00	32.41 1.36 0.00	33.77 1.45 0.00	35.97 1.57 0.00	31.59 1.46 0.00	31.89 1.26 0.00	26.86 1.03 0.00	27.86 0.90 0.00
CRICKET___VALLEY_CC1 323756	19.12 0.77 0.00	18.39 0.76 0.00	14.60 0.58 0.00	12.25 0.49 0.00	12.33 0.51 0.00	13.62 0.58 0.00	17.30 0.86 0.00	18.70 0.95 0.00	18.48 0.94 0.00	17.17 0.85 0.00	20.45 1.04 0.00	22.75 1.05 -1.24	21.44 1.06 -0.17	21.34 1.09 -0.94	22.76 1.15 -1.61	29.54 1.62 -0.07	27.35 1.62 0.00	33.06 2.01 0.00	34.38 2.06 0.00	36.41 2.01 0.00	31.92 1.78 0.00	32.21 1.58 0.00	27.12 1.29 0.00	28.06 1.09 0.00
CRICKET___VALLEY_CC2 323757	19.12 0.77 0.00	18.39 0.76 0.00	14.60 0.58 0.00	12.25 0.49 0.00	12.33 0.51 0.00	13.62 0.58 0.00	17.30 0.86 0.00	18.70 0.95 0.00	18.48 0.94 0.00	17.17 0.85 0.00	20.45 1.04 0.00	22.75 1.05 -1.24	21.44 1.06 -0.17	21.34 1.09 -0.94	22.76 1.15 -1.61	29.54 1.62 -0.07	27.35 1.62 0.00	33.06 2.01 0.00	34.38 2.06 0.00	36.41 2.01 0.00	31.92 1.78 0.00	32.21 1.58 0.00	27.12 1.29 0.00	28.06 1.09 0.00
CRICKET___VALLEY_CC3 323758	19.12 0.77 0.00	18.39 0.76 0.00	14.60 0.58 0.00	12.25 0.49 0.00	12.33 0.51 0.00	13.62 0.58 0.00	17.30 0.86 0.00	18.70 0.95 0.00	18.48 0.94 0.00	17.17 0.85 0.00	20.45 1.04 0.00	22.75 1.05 -1.24	21.44 1.06 -0.17	21.34 1.09 -0.94	22.76 1.15 -1.61	29.54 1.62 -0.07	27.35 1.62 0.00	33.06 2.01 0.00	34.38 2.06 0.00	36.41 2.01 0.00	31.92 1.78 0.00	32.21 1.58 0.00	27.12 1.29 0.00	28.06 1.09 0.00
CRUCIBLE_METL_DRP 24180	18.36 0.02 0.00	17.64 0.01 0.00	13.96 -0.05 0.00	11.68 -0.07 0.00	11.77 -0.04 0.00	13.00 -0.05 0.00	16.37 -0.07 0.00	17.64 -0.11 0.00	17.43 -0.11 0.00	16.25 -0.07 0.00	19.35 -0.07 0.00	20.37 -0.08 0.00	20.12 -0.06 0.02	18.90 0.03 0.43	15.31 0.05 4.74	22.56 0.13 5.42	24.01 0.17 1.89	29.88 0.28 1.45	32.61 0.28 0.00	34.76 0.36 0.00	30.37 0.24 0.00	30.78 0.15 0.00	25.92 0.09 0.00	27.03 0.07 0.00
DAHOWA___HYDRO 323763	19.25 0.91 0.00	18.54 0.91 0.00	14.72 0.70 0.00	12.34 0.58 0.00	12.42 0.61 0.00	13.74 0.69 0.00	17.40 0.97 0.00	18.71 0.97 0.00	18.38 0.84 0.00	17.01 0.68 0.00	20.19 0.78 0.00	21.79 0.86 -0.48	21.12 0.85 -0.07	20.56 0.89 -0.36	21.57 0.95 -0.62	29.29 1.42 -0.03	27.16 1.44 0.00	33.00 1.95 0.00	34.40 2.08 0.00	36.61 2.21 0.00	32.22 2.09 0.00	32.54 1.91 0.00	27.45 1.62 0.00	28.42 1.45 0.00
DANC___LFGE 323619	18.18 -0.16 0.00	17.45 -0.18 0.00	13.82 -0.19 0.00	11.58 -0.18 0.00	11.58 -0.23 0.00	12.80 -0.25 0.00	16.15 -0.29 0.00	17.35 -0.39 0.00	17.33 -0.21 0.00	16.09 -0.23 0.00	19.04 -0.38 0.00	19.81 -0.64 0.00	19.31 -0.76 0.12	15.39 -0.80 3.12	-15.80 -0.58 35.21	-11.97 -0.59 39.22	7.18 -0.71 17.83	14.17 -0.82 16.06	27.61 -0.74 3.98	33.98 -0.42 0.00	27.73 -0.33 2.07	25.80 -0.53 4.30	20.64 -0.45 4.74	23.54 -0.58 2.84
DANSKAMMER___1 23586	19.39 1.05 0.00	18.64 1.02 0.00	14.79 0.78 0.00	12.41 0.65 0.00	12.49 0.67 0.00	13.80 0.76 0.00	17.51 1.08 0.00	18.95 1.21 0.00	18.76 1.22 0.00	17.46 1.14 0.00	20.84 1.43 0.00	21.96 1.51 0.00	21.74 1.54 0.00	20.87 1.56 0.00	21.63 1.64 0.00	30.23 2.38 0.00	28.10 2.38 0.00	34.00 2.95 0.00	35.28 2.96 0.00	37.35 2.95 0.00	32.65 2.52 0.00	33.00 2.37 0.00	27.76 1.93 0.00	28.70 1.74 0.00
DANSKAMMER___2 23589	19.39 1.05 0.00	18.64 1.02 0.00	14.79 0.78 0.00	12.41 0.65 0.00	12.49 0.67 0.00	13.80 0.76 0.00	17.51 1.08 0.00	18.95 1.21 0.00	18.76 1.22 0.00	17.46 1.14 0.00	20.84 1.43 0.00	21.96 1.51 0.00	21.74 1.54 0.00	20.87 1.56 0.00	21.63 1.64 0.00	30.23 2.38 0.00	28.10 2.38 0.00	34.00 2.95 0.00	35.28 2.96 0.00	37.35 2.95 0.00	32.65 2.52 0.00	33.00 2.37 0.00	27.76 1.93 0.00	28.70 1.74 0.00
DANSKAMMER___3 23590	19.39 1.05 0.00	18.64 1.02 0.00	14.79 0.78 0.00	12.41 0.65 0.00	12.49 0.67 0.00	13.80 0.76 0.00	17.51 1.08 0.00	18.95 1.21 0.00	18.76 1.22 0.00	17.46 1.14 0.00	20.84 1.43 0.00	21.96 1.51 0.00	21.74 1.54 0.00	20.87 1.56 0.00	21.63 1.64 0.00	30.23 2.38 0.00	28.10 2.38 0.00	34.00 2.95 0.00	35.28 2.96 0.00	37.35 2.95 0.00	32.65 2.52 0.00	33.00 2.37 0.00	27.76 1.93 0.00	28.70 1.74 0.00

DANSKAMMER___4 23591	19.39 1.05 0.00	18.64 1.02 0.00	14.79 0.78 0.00	12.41 0.65 0.00	12.49 0.67 0.00	13.80 0.76 0.00	17.51 1.08 0.00	18.95 1.21 0.00	18.76 1.22 0.00	17.46 1.14 0.00	20.84 1.43 0.00	21.96 1.51 0.00	21.74 1.54 0.00	20.87 1.56 0.00	21.63 1.64 0.00	30.23 2.38 0.00	28.10 2.38 0.00	34.00 2.95 0.00	35.28 2.96 0.00	37.35 2.95 0.00	32.65 2.52 0.00	33.00 2.37 0.00	27.76 1.93 0.00	28.70 1.74 0.00
DANSKAMMER___DIESEL 23592	19.40 1.05 0.00	18.64 1.02 0.00	14.79 0.78 0.00	12.41 0.65 0.00	12.49 0.67 0.00	13.80 0.76 0.00	17.51 1.07 0.00	18.95 1.20 0.00	18.76 1.22 0.00	17.46 1.14 0.00	20.85 1.43 0.00	21.96 1.51 0.00	21.74 1.54 0.00	20.87 1.56 0.00	21.63 1.64 0.00	30.23 2.39 0.00	28.10 2.38 0.00	34.00 2.95 0.00	35.29 2.96 0.00	37.35 2.94 0.00	32.65 2.52 0.00	32.99 2.36 0.00	27.76 1.93 0.00	28.70 1.74 0.00
DARBY___SOLAR 323810	19.20 0.86 0.00	18.49 0.86 0.00	14.69 0.67 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.70 0.65 0.00	17.35 0.91 0.00	18.65 0.91 0.00	18.33 0.79 0.00	16.96 0.63 0.00	20.13 0.71 0.00	21.71 0.78 -0.48	21.06 0.78 -0.07	20.50 0.83 -0.37	21.50 0.88 -0.63	29.19 1.31 -0.03	27.05 1.32 0.00	32.86 1.81 0.00	34.26 1.93 0.00	36.46 2.06 0.00	32.07 1.94 0.00	32.39 1.76 0.00	27.32 1.49 0.00	28.30 1.34 0.00
DASHVILLE___HYD 23610	19.17 0.82 0.00	18.40 0.78 0.00	14.60 0.58 0.00	12.25 0.49 0.00	12.33 0.51 0.00	13.63 0.58 0.00	17.29 0.85 0.00	18.73 0.98 0.00	18.57 1.03 0.00	17.29 0.97 0.00	20.62 1.20 0.00	21.71 1.26 0.00	21.48 1.27 0.00	20.59 1.29 0.00	21.34 1.35 0.00	29.82 1.97 0.00	27.71 1.98 0.00	33.49 2.44 0.00	34.73 2.41 0.00	36.75 2.35 0.00	32.14 2.01 0.00	32.52 1.89 0.00	27.37 1.53 0.00	28.30 1.34 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.64 1.30 0.00	18.97 1.35 0.00	15.32 1.31 0.00	12.90 1.14 0.00	13.10 1.29 0.00	14.40 1.35 0.00	18.37 1.93 0.00	19.78 2.04 0.00	19.73 2.19 0.00	18.35 2.06 0.03	23.18 2.49 -1.28	32.28 2.57 -9.25	32.07 2.62 -9.25	44.20 2.42 -22.48	31.66 2.36 -9.30	65.49 3.14 -34.50	28.81 3.08 0.00	34.88 3.82 0.00	36.10 3.78 0.00	38.27 3.86 0.00	37.57 3.31 -4.13	90.70 3.17 -56.90	48.93 2.73 -20.37	30.60 2.50 -1.14
DELAWARE___LFGE 323621	18.86 0.51 0.00	18.10 0.47 0.00	14.36 0.35 0.00	12.04 0.28 0.00	12.12 0.30 0.00	13.39 0.34 0.00	16.91 0.47 0.00	18.27 0.52 0.00	18.02 0.48 0.00	16.78 0.46 0.00	20.02 0.60 0.00	21.08 0.63 0.00	20.82 0.62 0.00	19.94 0.63 0.00	20.68 0.69 0.00	28.85 1.00 0.00	26.71 0.98 0.00	32.36 1.31 0.00	33.63 1.31 0.00	35.74 1.34 0.00	31.23 1.09 0.00	31.63 0.99 0.00	26.65 0.82 0.00	27.70 0.74 0.00
DERFIELD_115KV_TB7 355931	18.46 0.11 0.00	17.75 0.12 0.00	14.10 0.08 0.00	11.82 0.06 0.00	11.88 0.07 0.00	13.13 0.08 0.00	16.56 0.12 0.00	17.85 0.11 0.00	17.64 0.10 0.00	16.40 0.08 0.00	19.52 0.11 0.00	20.55 0.10 0.00	20.29 0.10 0.02	19.13 0.13 0.31	17.02 0.16 3.12	24.08 0.22 4.00	26.32 0.23 -0.35	32.61 0.31 -1.24	34.29 0.29 -1.67	34.71 0.31 0.00	31.26 0.27 -0.87	32.64 0.21 -1.81	28.02 0.15 -2.03	28.45 0.11 -1.38
DOGLEVILLE___HYD 23807	18.60 0.25 0.00	17.94 0.32 0.00	14.22 0.21 0.00	11.91 0.16 0.00	12.00 0.18 0.00	13.25 0.20 0.00	16.77 0.33 0.00	17.99 0.25 0.00	17.67 0.13 0.00	16.30 -0.02 0.00	19.49 0.07 0.00	20.50 0.05 0.00	20.22 0.04 0.02	19.11 0.12 0.31	17.07 0.20 3.12	24.05 0.20 4.00	26.52 0.43 -0.35	33.07 0.78 -1.24	34.72 0.73 -1.67	35.25 0.85 0.00	31.91 0.91 -0.87	33.10 0.66 -1.81	28.31 0.45 -2.03	28.54 0.20 -1.38
DUNKIRK___115KV_TB_200 55889	18.26 -0.08 0.00	17.30 -0.32 0.00	13.52 -0.49 0.00	11.25 -0.50 0.00	11.35 -0.46 0.00	12.60 -0.44 0.00	15.80 -0.63 0.00	17.18 -0.56 0.00	17.08 -0.47 0.00	16.04 -0.28 0.00	19.31 -0.11 0.00	20.41 -0.04 0.00	20.06 -0.15 0.00	19.21 -0.09 0.00	20.09 0.10 0.00	28.15 0.30 0.00	26.06 0.33 0.00	31.29 0.24 0.00	32.52 0.19 0.00	34.80 0.39 0.00	30.15 0.02 0.00	30.34 -0.29 0.00	25.71 -0.13 0.00	27.03 0.07 0.00
DUNKIRK___1 23563	18.26 -0.08 0.00	17.30 -0.32 0.00	13.52 -0.49 0.00	11.25 -0.50 0.00	11.35 -0.46 0.00	12.60 -0.44 0.00	15.80 -0.63 0.00	17.18 -0.56 0.00	17.08 -0.47 0.00	16.04 -0.28 0.00	19.31 -0.11 0.00	20.41 -0.04 0.00	20.06 -0.15 0.00	19.21 -0.09 0.00	20.09 0.10 0.00	28.15 0.30 0.00	26.06 0.33 0.00	31.29 0.24 0.00	32.52 0.19 0.00	34.80 0.39 0.00	30.15 0.02 0.00	30.34 -0.29 0.00	25.71 -0.13 0.00	27.03 0.07 0.00
DUNKIRK___2 23564	18.26 -0.08 0.00	17.30 -0.32 0.00	13.52 -0.49 0.00	11.25 -0.50 0.00	11.35 -0.46 0.00	12.60 -0.44 0.00	15.80 -0.63 0.00	17.18 -0.56 0.00	17.08 -0.47 0.00	16.04 -0.28 0.00	19.31 -0.11 0.00	20.41 -0.04 0.00	20.06 -0.15 0.00	19.21 -0.09 0.00	20.09 0.10 0.00	28.15 0.30 0.00	26.06 0.33 0.00	31.29 0.24 0.00	32.52 0.19 0.00	34.80 0.39 0.00	30.15 0.02 0.00	30.34 -0.29 0.00	25.71 -0.13 0.00	27.03 0.07 0.00
DUNKIRK___3 23565	18.24 -0.11 0.00	17.32 -0.30 0.00	13.56 -0.46 0.00	11.28 -0.48 0.00	11.38 -0.43 0.00	12.63 -0.41 0.00	15.83 -0.61 0.00	17.19 -0.55 0.00	17.05 -0.49 0.00	15.99 -0.33 0.00	19.24 -0.18 0.00	20.30 -0.15 0.00	19.96 -0.24 0.00	19.17 -0.13 0.00	20.03 0.04 0.00	28.05 0.20 0.00	25.92 0.19 0.00	31.18 0.12 0.00	32.43 0.11 0.00	34.70 0.29 0.00	30.08 -0.05 0.00	30.31 -0.32 0.00	25.73 -0.11 0.00	27.07 0.10 0.00
DUNKIRK___4 23566	18.24 -0.11 0.00	17.32 -0.30 0.00	13.56 -0.46 0.00	11.28 -0.48 0.00	11.38 -0.43 0.00	12.63 -0.41 0.00	15.83 -0.61 0.00	17.19 -0.55 0.00	17.05 -0.49 0.00	15.99 -0.33 0.00	19.24 -0.18 0.00	20.30 -0.15 0.00	19.96 -0.24 0.00	19.17 -0.13 0.00	20.03 0.04 0.00	28.05 0.20 0.00	25.92 0.19 0.00	31.18 0.12 0.00	32.43 0.11 0.00	34.70 0.29 0.00	30.08 -0.05 0.00	30.31 -0.32 0.00	25.73 -0.11 0.00	27.07 0.10 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.39 1.04 0.00	18.64 1.02 0.00	14.79 0.78 0.00	12.42 0.66 0.00	12.49 0.68 0.00	13.80 0.75 0.00	17.50 1.07 0.00	18.94 1.20 0.00	18.79 1.24 0.00	17.51 1.19 0.00	20.93 1.51 0.00	25.04 1.61 -2.99	22.26 1.64 -0.42	23.19 1.63 -2.26	25.56 1.70 -3.88	30.38 2.37 -0.16	28.05 2.32 0.00	33.87 2.81 0.00	35.03 2.71 0.00	37.04 2.63 0.00	32.41 2.28 0.00	32.80 2.18 0.00	27.66 1.83 0.00	28.62 1.65 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.29 0.95 0.00	18.54 0.91 0.00	14.72 0.70 0.00	12.34 0.59 0.00	12.42 0.61 0.00	13.74 0.69 0.00	17.41 0.97 0.00	18.83 1.09 0.00	18.65 1.11 0.00	17.36 1.04 0.00	20.71 1.30 0.00	21.28 1.36 0.53	21.52 1.39 0.07	20.31 1.40 0.40	20.78 1.48 0.69	29.98 2.16 0.03	27.90 2.17 0.00	33.75 2.69 0.00	35.01 2.69 0.00	37.07 2.67 0.00	32.43 2.30 0.00	32.79 2.16 0.00	27.59 1.76 0.00	28.54 1.58 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.39 1.05 0.00	18.66 1.03 0.00	14.79 0.78 0.00	12.42 0.66 0.00	12.49 0.68 0.00	13.81 0.76 0.00	17.51 1.07 0.00	18.94 1.19 0.00	18.80 1.26 0.00	17.54 1.22 0.00	20.98 1.57 0.00	25.10 1.67 -2.98	22.36 1.74 -0.42	23.26 1.71 -2.25	25.63 1.77 -3.87	30.43 2.42 -0.16	28.08 2.35 0.00	33.84 2.79 0.00	34.99 2.67 0.00	37.00 2.60 0.00	32.45 2.32 0.00	32.88 2.25 0.00	27.78 1.95 0.00	28.66 1.70 0.00
E179THST_13_KV_LOAD 356214	19.48 1.14 0.00	18.74 1.12 0.00	14.86 0.85 0.00	12.47 0.71 0.00	12.54 0.73 0.00	13.87 0.82 0.00	17.58 1.14 0.00	19.03 1.29 0.00	18.89 1.35 0.00	17.64 1.31 0.00	21.09 1.68 0.00	25.22 1.79 -2.98	22.48 1.86 -0.42	23.38 1.83 -2.25	25.77 1.90 -3.87	30.61 2.60 -0.16	28.24 2.51 0.00	34.04 2.99 0.00	35.20 2.87 0.00	37.22 2.82 0.00	32.64 2.51 0.00	33.07 2.44 0.00	27.94 2.11 0.00	28.83 1.86 0.00
EAST HAMPTON___GT 23717	19.42 1.07 0.00	18.86 1.24 0.00	15.30 1.29 0.00	12.89 1.14 0.00	13.19 1.38 0.00	14.52 1.47 0.00	18.56 2.12 0.00	19.99 2.24 0.00	19.96 2.42 0.00	18.55 2.26 0.03	23.39 2.69 -1.28	32.42 2.72 -9.25	32.22 2.77 -9.25	44.23 2.44 -22.48	31.53 2.23 -9.30	65.08 2.73 -34.50	28.54 2.82 0.00	34.63 3.58 0.00	35.85 3.53 0.00	37.97 3.57 0.00	37.27 3.01 -4.13	90.34 2.82 -56.90	48.62 2.42 -20.37	30.24 2.15 -1.14
EAST RIVER___6 23660	19.48 1.13 0.00	18.73 1.11 0.00	14.87 0.85 0.00	12.47 0.71 0.00	12.55 0.74 0.00	13.86 0.81 0.00	17.56 1.12 0.00	19.03 1.28 0.00	18.90 1.36 0.00	17.66 1.33 -0.01	21.06 1.65 0.00	25.19 1.76 -2.98	22.43 1.81 -0.42	23.37 1.81 -2.25	25.75 1.89 -3.87	30.64 2.62 -0.16	28.30 2.57 0.00	34.11 3.06 0.00	35.22 2.90 0.00	37.23 2.83 0.00	32.61 2.48 0.00	33.02 2.39 0.00	27.86 2.02 0.00	28.79 1.82 0.00
EAST RIVER___7 23524	19.48 1.13 0.00	18.73 1.11 0.00	14.87 0.85 0.00	12.47 0.71 0.00	12.55 0.74 0.00	13.86 0.81 0.00	17.56 1.12 0.00	19.03 1.28 0.00	18.90 1.36 0.00	17.66 1.33 -0.01	21.06 1.65 0.00	25.19 1.76 -2.98	22.43 1.81 -0.42	23.37 1.81 -2.25	25.75 1.89 -3.87	30.64 2.62 -0.16	28.30 2.57 0.00	34.11 3.06 0.00	35.22 2.90 0.00	37.23 2.83 0.00	32.61 2.48 0.00	33.02 2.39 0.00	27.86 2.02 0.00	28.79 1.82 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.33 0.99 0.00	18.59 0.97 0.00	14.76 0.74 0.00	12.38 0.63 0.00	12.46 0.65 0.00	13.77 0.73 0.00	17.46 1.02 0.00	18.89 1.15 0.00	18.73 1.19 0.00	17.46 1.14 0.00	20.85 1.44 0.00	25.17 1.53 -3.19	22.21 1.56 -0.45	23.27 1.55 -2.41	25.76 1.62 -4.14	30.30 2.28 -0.17	27.97 2.24 0.00	33.78 2.73 0.00	34.95 2.63 0.00	36.96 2.56 0.00	32.34 2.21 0.00	32.72 2.09 0.00	27.58 1.75 0.00	28.54 1.58 0.00
EAST_HAMPTON___DIESEL 23722	19.37 1.02 0.00	18.83 1.20 0.00	15.28 1.26 0.00	12.87 1.12 0.00	13.18 1.37 0.00	14.52 1.47 0.00	18.56 2.13 0.00	19.99 2.24 0.00	19.96 2.42 0.00	18.55 2.26 0.03	23.38 2.69 -1.28	32.42 2.71 -9.25	32.21 2.76 -9.25	44.20 2.41 -22.48	31.48 2.18 -9.30	65.01 2.66 -34.50	28.47 2.74 0.00	34.54 3.48 0.00	35.76 3.43 0.00	37.87 3.47 0.00	37.18 2.91 -4.13	90.25 2.73 -56.90	48.54 2.34 -20.37	30.16 2.06 -1.14
EAST_POINT___SOLAR 323840	19.55 1.21 0.00	18.69 1.07 0.00	14.83 0.82 0.00	12.45 0.69 0.00	12.51 0.70 0.00	13.85 0.80 0.00	17.21 0.77 0.00	18.20 0.45 0.00	17.70 0.16 0.00	16.49 0.17 0.00	19.62 0.20 0.00	20.76 0.31 0.00	20.41 0.21 0.00	19.64 0.34 0.00	20.54 0.55 0.00	29.07 1.22 0.00	27.17 1.44 0.00	33.00 1.94 0.00	34.19 1.87 0.00	36.87 2.46 0.00	32.49 2.35 0.00	32.99 2.36 0.00	27.79 1.95 0.00	28.90 1.93 0.00
EAST_PULASKI___ESR 323781	18.20 -0.14 0.00	17.47 -0.16 0.00	13.84 -0.18 0.00	11.59 -0.17 0.00	11.63 -0.18 0.00	12.85 -0.19 0.00	16.19 -0.25 0.00	17.41 -0.33 0.00	17.29 -0.25 0.00	16.05 -0.27 0.00	19.06 -0.36 0.00	19.96 -0.49 0.00	19.61 -0.53 0.07	17.15 -0.48 1.68	0.64 -0.36 18.99	6.20 -0.47 21.17	15.72 -0.49 9.51	22.06 -0.48 8.52	29.79 -0.50 2.04	34.05 -0.36 0.00	28.77 -0.30 1.06	28.00 -0.42 2.20	23.05 -0.31 2.48	24.93 -0.35 1.68
EAST_RIVER___1 323558	19.46 1.12 0.00	18.71 1.09 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.54 0.73 0.00	13.85 0.81 0.00	17.57 1.13 0.00	19.02 1.28 0.00	18.89 1.34 0.00	17.64 1.31 -0.01	21.08 1.66 0.00	25.19 1.77 -2.98	22.43 1.81 -0.42	23.35 1.80 -2.25	25.74 1.88 -3.87	30.62 2.61 -0.16	28.29 2.56 0.00	34.11 3.06 0.00	35.24 2.91 0.00	37.23 2.83 0.00	32.58 2.45 0.00	32.99 2.36 0.00	27.83 2.00 0.00	28.77 1.81 0.00
EAST_RIVER___2 323559	19.48 1.13 0.00	18.73 1.11 0.00	14.87 0.85 0.00	12.47 0.71 0.00	12.55 0.74 0.00	13.86 0.81 0.00	17.56 1.12 0.00	19.03 1.28 0.00	18.90 1.36 0.00	17.66 1.33 -0.01	21.06 1.65 0.00	25.19 1.76 -2.98	22.43 1.81 -0.42	23.37 1.81 -2.25	25.75 1.89 -3.87	30.64 2.62 -0.16	28.30 2.57 0.00	34.11 3.06 0.00	35.22 2.90 0.00	37.23 2.83 0.00	32.61 2.48 0.00	33.02 2.39 0.00	27.86 2.02 0.00	28.79 1.82 0.00
EAST___DELAWARE_HYD 23607	18.84 0.49 0.00	18.09 0.46 0.00	14.35 0.34 0.00	12.04 0.28 0.00	12.12 0.31 0.00	13.41 0.36 0.00	16.99 0.55 0.00	18.39 0.65 0.00	18.22 0.68 0.00	16.93 0.61 0.00	20.19 0.77 0.00	20.80 0.80 0.44	20.88 0.74 0.06	19.32 0.34 0.33	19.83 0.41 0.57	28.47 0.64 0.02	26.52 0.79 0.00	32.07 1.01 0.00	33.31 0.99 0.00	35.32 0.92 0.00	31.01 0.88 0.00	32.08 1.45 0.00	26.98 1.15 0.00	27.91 0.94 0.00
EIGHT_POINT___WT_PWR 323820	18.44 0.09 0.00	17.34 -0.28 0.00	13.45 -0.57 0.00	11.04 -0.72 0.00	11.08 -0.73 0.00	12.31 -0.74 0.00	15.55 -0.88 0.00	17.03 -0.72 0.00	17.01 -0.53 0.00	15.90 -0.42 0.00	19.14 -0.28 0.00	20.23 -0.22 0.00	19.82 -0.39 0.00	18.99 -0.31 0.00	19.85 -0.15 0.00	27.65 -0.20 0.00	25.39 -0.34 0.00	30.82 -0.24 0.00	31.94 -0.39 0.00	34.24 -0.16 0.00	29.69 -0.44 0.00	29.68 -0.94 0.00	24.96 -0.87 0.00	25.93 -1.03 0.00
ELBRIDGE_115KV_TB2 80188	18.29 -0.06 0.00	17.57 -0.06 0.00	13.90 -0.11 0.00	11.63 -0.12 0.00	11.71 -0.10 0.00	12.94 -0.11 0.00	16.30 -0.14 0.00	17.55 -0.19 0.00	17.36 -0.18 0.00	16.17 -0.15 0.00	19.23 -0.18 0.00	20.26 -0.19 0.00	20.01 -0.17 0.02	18.84 -0.08 0.39	15.68 -0.05 4.27	22.96 -0.02 4.87	24.06 0.03 1.70	29.88 0.13 1.31	32.43 0.11 0.00	34.59 0.19 0.00	30.23 0.10 0.00	30.64 0.01 0.00	25.79 -0.04 0.00	26.92 -0.05 0.00
ELEC_TRO_TEK 24086	19.55 1.21 0.00	18.78 1.15 0.00	14.95 0.93 0.00	12.57 0.82 0.00	12.66 0.85 0.00	13.92 0.88 0.00	17.67 1.23 0.00	19.09 1.35 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	22.46 1.77 -1.28	31.56 1.85 -9.25	31.32 1.87 -9.25	43.61 1.83 -22.48	31.20 1.90 -9.30	64.99 2.64 -34.50	28.31 2.59 0.00	34.19 3.14 0.00	35.35 3.03 0.00	37.42 3.02 0.00	36.91 2.65 -4.13	90.13 2.61 -56.90	48.44 2.24 -20.37	30.17 2.08 -1.14

ELLENBURG_WT_PWR 323604	18.38 0.03 0.00	17.44 -0.18 0.00	13.87 -0.14 0.00	11.70 -0.05 0.00	11.81 0.00 0.00	13.02 -0.03 0.00	16.46 0.02 0.00	17.70 -0.05 0.00	17.35 -0.19 0.00	16.12 -0.20 0.00	19.09 -0.32 0.00	19.88 -0.57 0.00	19.59 -0.55 0.06	15.31 -0.94 3.06	-21.74 -1.12 40.61	-11.87 -1.86 37.86	-23.54 -1.19 48.09	-26.00 -0.61 56.44	-0.78 0.27 33.38	34.68 0.28 0.00	12.81 0.05 17.36	-6.75 -1.31 36.08	-21.10 -2.09 44.84	-22.16 -2.44 46.69
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.14 -0.20 0.00	17.26 -0.37 0.00	13.52 -0.50 0.00	11.25 -0.50 0.00	11.33 -0.48 0.00	12.60 -0.45 0.00	15.73 -0.71 0.00	17.06 -0.68 0.00	16.83 -0.71 0.00	15.77 -0.55 0.00	18.92 -0.49 0.00	19.95 -0.50 0.00	19.64 -0.56 0.00	18.98 -0.33 0.00	19.74 -0.25 0.00	27.64 -0.21 0.00	25.47 -0.25 0.00	30.64 -0.41 0.00	32.04 -0.28 0.00	34.36 -0.04 0.00	29.81 -0.32 0.00	30.13 -0.50 0.00	25.70 -0.13 0.00	27.10 0.14 0.00
EMPIRE_CC_1 323656	18.92 0.57 0.00	18.26 0.64 0.00	14.53 0.51 0.00	12.19 0.43 0.00	12.25 0.44 0.00	13.53 0.48 0.00	17.12 0.68 0.00	18.44 0.69 0.00	18.16 0.62 0.00	16.83 0.51 0.00	20.00 0.59 0.00	21.71 0.61 -0.66	20.94 0.65 -0.09	20.48 0.68 -0.50	21.54 0.69 -0.85	28.71 0.82 -0.04	26.55 0.82 0.00	32.10 1.05 0.00	33.42 1.09 0.00	35.59 1.19 0.00	31.25 1.12 0.00	31.55 0.92 0.00	26.58 0.74 0.00	27.58 0.62 0.00
EMPIRE_CC_2 323658	18.92 0.57 0.00	18.26 0.64 0.00	14.53 0.51 0.00	12.19 0.43 0.00	12.25 0.44 0.00	13.53 0.48 0.00	17.12 0.68 0.00	18.44 0.69 0.00	18.16 0.62 0.00	16.83 0.51 0.00	20.00 0.59 0.00	21.71 0.61 -0.66	20.94 0.65 -0.09	20.48 0.68 -0.50	21.54 0.69 -0.85	28.71 0.82 -0.04	26.55 0.82 0.00	32.10 1.05 0.00	33.42 1.09 0.00	35.59 1.19 0.00	31.25 1.12 0.00	31.55 0.92 0.00	26.58 0.74 0.00	27.58 0.62 0.00
ENORWICH_115KV_TB1 80156	19.49 1.14 0.00	18.57 0.94 0.00	14.70 0.68 0.00	12.29 0.54 0.00	12.38 0.57 0.00	13.71 0.66 0.00	17.45 1.02 0.00	19.47 1.73 0.00	18.95 1.41 0.00	17.60 1.28 0.00	21.17 1.75 0.00	22.22 1.77 0.00	21.77 1.57 0.00	20.83 1.52 0.00	21.67 1.68 0.00	30.13 2.29 0.00	27.78 2.05 0.00	33.15 2.10 0.00	34.63 2.31 0.00	37.16 2.76 0.00	32.26 2.13 0.00	32.47 1.84 0.00	27.26 1.43 0.00	28.26 1.30 0.00
ERIE_ST_34_KV_TB1-2 80199	18.43 0.09 0.00	17.55 -0.07 0.00	13.75 -0.26 0.00	11.45 -0.30 0.00	11.54 -0.27 0.00	12.83 -0.22 0.00	16.04 -0.39 0.00	17.41 -0.33 0.00	17.22 -0.33 0.00	16.12 -0.20 0.00	19.35 -0.06 0.00	20.40 -0.06 0.00	20.10 -0.10 0.00	19.40 0.09 0.00	20.21 0.22 0.00	28.35 0.49 0.00	26.11 0.39 0.00	31.48 0.42 0.00	32.88 0.56 0.00	35.21 0.81 0.00	30.54 0.41 0.00	30.85 0.22 0.00	26.27 0.43 0.00	27.62 0.66 0.00
ERIE_WT_PWR 323693	18.25 -0.09 0.00	17.36 -0.27 0.00	13.59 -0.42 0.00	11.30 -0.46 0.00	11.38 -0.43 0.00	12.66 -0.39 0.00	15.81 -0.63 0.00	17.16 -0.59 0.00	16.94 -0.60 0.00	15.87 -0.45 0.00	19.05 -0.37 0.00	20.08 -0.38 0.00	19.78 -0.42 0.00	19.10 -0.20 0.00	19.89 -0.10 0.00	27.86 0.01 0.00	25.72 -0.01 0.00	30.95 -0.11 -0.01	32.29 -0.03 0.00	34.62 0.22 0.00	30.06 -0.07 0.00	30.36 -0.27 0.00	25.87 0.04 0.00	27.24 0.28 0.00
ESPRGFLD_115KV_TB1 80157	19.26 0.92 0.00	18.38 0.75 0.00	14.57 0.55 0.00	12.22 0.46 0.00	12.27 0.46 0.00	13.58 0.53 0.00	17.10 0.66 0.00	18.47 0.73 0.00	18.19 0.65 0.00	17.06 0.73 0.00	20.33 0.92 0.00	21.45 1.00 0.00	21.16 0.96 0.00	20.23 0.93 0.00	20.97 0.98 0.00	29.44 1.59 0.00	27.27 1.55 0.00	32.89 1.84 0.00	34.15 1.82 0.00	36.44 2.04 0.00	31.76 1.63 0.00	32.20 1.57 0.00	27.15 1.32 0.00	28.32 1.35 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.71 0.37 0.00	17.93 0.30 0.00	14.19 0.17 0.00	11.87 0.11 0.00	11.95 0.14 0.00	13.21 0.17 0.00	16.69 0.25 0.00	17.97 0.22 0.00	17.74 0.19 0.00	16.50 0.18 0.00	19.65 0.23 0.00	20.66 0.20 0.00	20.38 0.19 0.00	19.55 0.24 0.00	20.33 0.34 0.00	28.43 0.58 0.00	26.30 0.57 0.00	32.00 0.95 0.00	33.31 0.99 0.00	35.58 1.18 0.00	31.10 0.97 0.00	31.47 0.84 0.00	26.47 0.64 0.00	27.55 0.58 0.00
ETNA____115KV_TB2 80207	18.71 0.37 0.00	17.93 0.30 0.00	14.19 0.17 0.00	11.87 0.11 0.00	11.95 0.14 0.00	13.21 0.17 0.00	16.69 0.25 0.00	17.97 0.22 0.00	17.74 0.19 0.00	16.50 0.18 0.00	19.65 0.23 0.00	20.66 0.20 0.00	20.38 0.19 0.00	19.55 0.24 0.00	20.33 0.34 0.00	28.43 0.58 0.00	26.30 0.57 0.00	32.00 0.95 0.00	33.31 0.99 0.00	35.58 1.18 0.00	31.10 0.97 0.00	31.47 0.84 0.00	26.47 0.64 0.00	27.55 0.58 0.00
EUCLID____115KV_TB2 356179	18.20 -0.15 0.00	17.46 -0.17 0.00	13.84 -0.18 0.00	11.58 -0.17 0.00	11.65 -0.16 0.00	12.87 -0.18 0.00	16.19 -0.25 0.00	17.45 -0.29 0.00	17.25 -0.29 0.00	16.08 -0.25 0.00	19.14 -0.28 0.00	20.14 -0.31 0.00	19.89 -0.29 0.02	18.61 -0.20 0.49	14.36 -0.18 5.44	21.41 -0.21 6.22	23.39 -0.17 2.17	29.22 -0.16 1.67	32.17 -0.15 0.00	34.27 -0.13 0.00	29.97 -0.16 0.00	30.38 -0.25 0.00	25.61 -0.22 0.00	26.72 -0.24 0.00
E_CANADA_CAP_HY 24051	19.46 1.11 0.00	18.57 0.95 0.00	14.74 0.73 0.00	12.37 0.62 0.00	12.42 0.61 0.00	13.75 0.70 0.00	17.23 0.79 0.00	18.52 0.77 0.00	18.09 0.55 0.00	16.96 0.64 0.00	20.17 0.75 0.00	21.31 0.86 0.00	21.00 0.79 0.00	20.10 0.80 0.00	20.85 0.85 0.00	29.35 1.50 0.00	27.25 1.53 0.00	32.93 1.88 0.00	34.18 1.86 0.00	36.61 2.21 0.00	32.01 1.88 0.00	32.50 1.87 0.00	27.45 1.62 0.00	28.63 1.67 0.00
E_CANADA_MHWK_HY 24050	18.60 0.25 0.00	17.94 0.32 0.00	14.22 0.21 0.00	11.91 0.16 0.00	12.00 0.18 0.00	13.25 0.20 0.00	16.77 0.33 0.00	17.99 0.25 0.00	17.67 0.13 0.00	16.30 -0.02 0.00	19.49 0.07 0.00	20.50 0.05 0.00	20.22 0.04 0.02	19.11 0.12 0.31	17.07 0.20 3.12	24.05 0.20 4.00	26.52 0.43 -0.35	33.07 0.78 -1.24	34.72 0.73 -1.67	35.25 0.85 0.00	31.91 0.91 -0.87	33.10 0.66 -1.81	28.31 0.45 -2.03	28.54 0.20 -1.38
E_FISHKILL____LBMP 23776	19.19 0.85 0.00	18.46 0.84 0.00	14.66 0.64 0.00	12.30 0.54 0.00	12.38 0.56 0.00	13.67 0.63 0.00	17.34 0.90 0.00	18.74 1.00 0.00	18.57 1.02 0.00	17.29 0.96 0.00	20.62 1.20 0.00	22.77 1.26 -1.05	21.65 1.29 -0.15	21.40 1.30 -0.79	22.72 1.36 -1.37	29.82 1.91 -0.06	27.62 1.89 0.00	33.37 2.31 0.00	34.59 2.26 0.00	36.60 2.20 0.00	32.05 1.92 0.00	32.41 1.78 0.00	27.31 1.48 0.00	28.27 1.31 0.00
FALCON____SEABRD_CC1 323796	18.50 0.15 0.00	17.58 -0.04 0.00	13.98 -0.04 0.00	11.78 0.02 0.00	11.88 0.07 0.00	13.10 0.05 0.00	16.57 0.13 0.00	17.78 0.04 0.00	17.42 -0.12 0.00	16.16 -0.16 0.00	19.16 -0.25 0.00	20.00 -0.45 0.00	19.72 -0.42 0.06	15.50 -0.74 3.06	-21.58 -0.93 40.65	-11.59 -1.53 37.90	-23.36 -0.98 48.10	-25.92 -0.52 56.45	-0.67 0.38 33.37	34.87 0.47 0.00	13.02 0.25 17.36	-6.33 -0.88 36.08	-20.50 -1.49 44.84	-21.37 -1.64 46.69

FALCON___SEABRD_CC2 323797	18.50 0.15 0.00	17.58 -0.04 0.00	13.98 -0.04 0.00	11.78 0.02 0.00	11.88 0.07 0.00	13.10 0.05 0.00	16.57 0.13 0.00	17.78 0.04 0.00	17.42 -0.12 0.00	16.16 -0.16 0.00	19.16 -0.25 0.00	20.00 -0.45 0.00	19.72 -0.42 0.06	15.50 -0.74 3.06	-21.58 -0.93 40.65	-11.59 -1.53 37.90	-23.36 -0.98 48.10	-25.92 -0.52 56.45	-0.67 0.38 33.37	34.87 0.47 0.00	13.02 0.25 17.36	-6.33 -0.88 36.08	-20.50 -1.49 44.84	-21.37 -1.64 46.69
FAR ROCKAWAY___4 23548	19.85 1.51 0.00	19.05 1.43 0.00	15.16 1.15 0.00	12.74 0.98 0.00	12.82 1.01 0.00	14.11 1.07 0.00	17.89 1.45 0.00	19.33 1.59 0.00	19.16 1.62 0.00	17.93 1.55 -0.06	22.79 2.10 -1.28	31.93 2.22 -9.25	31.69 2.24 -9.25	44.01 2.22 -22.48	31.59 2.29 -9.30	65.52 3.17 -34.50	28.85 3.12 0.00	34.60 3.54 0.00	35.74 3.42 0.00	37.83 3.43 0.00	37.48 3.22 -4.13	90.68 3.16 -56.90	48.90 2.69 -20.37	30.61 2.51 -1.14
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.47 1.12 0.00	18.72 1.09 0.00	14.86 0.84 0.00	12.46 0.70 0.00	12.54 0.73 0.00	13.86 0.81 0.00	17.58 1.14 0.00	19.03 1.29 0.00	18.89 1.35 0.00	17.65 1.32 -0.01	21.09 1.67 0.00	25.20 1.77 -2.98	22.44 1.82 -0.42	23.35 1.80 -2.25	25.74 1.88 -3.87	30.62 2.61 -0.16	28.28 2.56 0.00	34.12 3.07 0.00	35.25 2.93 0.00	37.24 2.84 0.00	32.59 2.46 0.00	32.99 2.36 0.00	27.83 2.00 0.00	28.77 1.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.47 1.13 0.00	18.73 1.10 0.00	14.86 0.85 0.00	12.47 0.71 0.00	12.55 0.74 0.00	13.86 0.82 0.00	17.58 1.14 0.00	19.03 1.29 0.00	18.89 1.35 0.00	17.65 1.32 -0.01	21.09 1.67 0.00	25.20 1.77 -2.98	22.44 1.82 -0.42	23.35 1.80 -2.25	25.74 1.88 -3.87	30.62 2.61 -0.16	28.29 2.56 0.00	34.12 3.07 0.00	35.26 2.93 0.00	37.25 2.85 0.00	32.60 2.47 0.00	32.99 2.37 0.00	27.85 2.02 0.00	28.79 1.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.46 1.12 0.00	18.71 1.09 0.00	14.84 0.83 0.00	12.46 0.70 0.00	12.54 0.72 0.00	13.85 0.81 0.00	17.57 1.13 0.00	19.03 1.28 0.00	18.89 1.35 0.00	17.63 1.30 -0.01	21.07 1.66 0.00	25.19 1.76 -2.98	22.43 1.81 -0.42	23.34 1.79 -2.25	25.73 1.86 -3.87	30.60 2.59 -0.16	28.27 2.55 0.00	34.10 3.05 0.00	35.24 2.91 0.00	37.21 2.81 0.00	32.57 2.44 0.00	32.96 2.33 0.00	27.82 1.98 0.00	28.76 1.80 0.00
FARRAGUT___LBMP 323566	19.44 1.10 0.00	18.70 1.07 0.00	14.84 0.82 0.00	12.45 0.69 0.00	12.53 0.72 0.00	13.84 0.79 0.00	17.55 1.11 0.00	19.00 1.26 0.00	18.87 1.33 0.00	17.62 1.29 -0.01	21.05 1.63 0.00	25.17 1.74 -2.98	22.40 1.78 -0.42	23.32 1.77 -2.25	25.70 1.84 -3.87	30.57 2.56 -0.16	28.24 2.51 0.00	34.06 3.01 0.00	35.20 2.87 0.00	37.18 2.78 0.00	32.54 2.41 0.00	32.94 2.31 0.00	27.80 1.97 0.00	28.74 1.77 0.00
FENNER___WINDPWR 24204	18.69 0.35 0.00	17.93 0.30 0.00	14.20 0.19 0.00	11.89 0.13 0.00	11.96 0.15 0.00	13.22 0.17 0.00	16.70 0.25 0.00	18.00 0.26 0.00	17.78 0.24 0.00	16.53 0.21 0.00	19.70 0.28 0.00	20.73 0.28 0.00	20.41 0.24 0.03	18.89 0.29 0.70	12.64 0.37 7.72	19.62 0.59 8.82	23.31 0.65 3.07	29.63 0.94 2.36	33.24 0.91 0.00	35.41 1.00 0.00	30.99 0.86 0.00	31.41 0.78 0.00	26.41 0.57 0.00	27.44 0.48 0.00
FIBERTEK___ENERGY 23856	18.36 0.02 0.00	17.64 0.01 0.00	13.96 -0.05 0.00	11.68 -0.07 0.00	11.77 -0.04 0.00	13.00 -0.05 0.00	16.37 -0.07 0.00	17.64 -0.11 0.00	17.43 -0.11 0.00	16.25 -0.07 0.00	19.35 -0.07 0.00	20.37 -0.08 0.00	20.12 -0.06 0.02	18.90 0.03 0.43	15.31 0.05 4.74	22.56 0.13 5.42	24.01 0.17 1.89	29.88 0.28 1.45	32.61 0.28 0.00	34.76 0.36 0.00	30.37 0.24 0.00	30.78 0.15 0.00	25.92 0.09 0.00	27.03 0.07 0.00
FITZPATRICK____ 23598	17.94 -0.40 0.00	17.22 -0.40 0.00	13.66 -0.36 0.00	11.44 -0.31 0.00	11.51 -0.31 0.00	12.70 -0.35 0.00	15.96 -0.48 0.00	17.18 -0.56 0.00	16.98 -0.56 0.00	15.82 -0.50 0.00	18.82 -0.60 0.00	19.80 -0.66 0.00	19.57 -0.63 0.00	18.77 -0.54 0.00	19.43 -0.56 0.00	27.09 -0.76 0.00	25.05 -0.68 0.00	30.28 -0.77 0.00	31.52 -0.80 0.00	33.59 -0.81 0.00	29.38 -0.75 0.00	29.80 -0.83 0.00	25.13 -0.70 0.00	26.25 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	19.76 1.41 0.00	18.97 1.35 0.00	15.18 1.16 0.00	12.78 1.02 0.00	12.87 1.06 0.00	14.13 1.08 0.00	17.98 1.54 0.00	19.37 1.63 0.00	19.22 1.68 0.00	17.86 1.57 0.03	22.74 2.05 -1.28	31.87 2.16 -9.25	31.66 2.20 -9.25	43.93 2.15 -22.48	31.55 2.25 -9.30	65.52 3.17 -34.50	28.56 2.83 0.00	34.49 3.44 0.00	35.73 3.40 0.00	37.99 3.59 0.00	37.39 3.13 -4.13	90.61 3.08 -56.90	48.93 2.72 -20.37	30.71 2.61 -1.14
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.43 1.08 0.00	18.67 1.05 0.00	14.82 0.80 0.00	12.43 0.67 0.00	12.50 0.69 0.00	13.82 0.78 0.00	17.54 1.10 0.00	18.98 1.23 0.00	18.79 1.25 0.00	17.50 1.18 0.00	20.88 1.47 -0.44	22.44 1.55 -0.06	21.85 1.58 -0.33	21.24 1.61 -0.57	22.25 1.69 -0.02	30.34 2.46 0.00	28.17 2.45 0.00	34.09 3.03 0.00	35.36 3.04 0.00	37.43 3.03 0.00	32.73 2.60 0.00	33.06 2.43 0.00	27.81 1.98 0.00	28.75 1.79 0.00
FORT ORANGE____ 23900	18.84 0.49 0.00	18.23 0.61 0.00	14.52 0.50 0.00	12.17 0.42 0.00	12.23 0.42 0.00	13.50 0.45 0.00	17.06 0.62 0.00	18.31 0.57 0.00	18.02 0.48 0.00	16.69 0.37 0.00	19.84 0.42 -0.49	21.38 0.44 -0.07	20.75 0.48 -0.37	20.20 0.53 -0.64	21.19 0.56 -0.03	28.59 0.71 0.00	26.47 0.74 0.00	32.09 1.03 0.00	33.44 1.11 0.00	35.65 1.25 0.00	31.29 1.16 0.00	31.61 0.98 0.00	26.60 0.77 0.00	27.57 0.61 0.00
FORT_DRUM_COGEN 23780	18.31 -0.03 0.00	17.58 -0.05 0.00	13.92 -0.09 0.00	11.68 -0.08 0.00	11.63 -0.18 0.00	12.87 -0.18 0.00	16.27 -0.17 0.00	17.45 -0.29 0.00	17.51 -0.03 0.00	16.26 -0.07 0.00	19.13 -0.29 0.00	19.82 -0.63 0.00	19.16 -0.84 0.20	13.25 -0.95 5.10	-38.32 -0.62 57.69	-36.88 -0.51 64.22	-4.34 -0.70 29.37	3.66 -0.86 26.53	25.02 -0.62 6.68	34.28 -0.13 0.00	26.66 0.01 3.47	23.21 -0.20 7.22	17.62 -0.26 7.96	21.72 -0.46 4.79
FOX_HILLS___ESR 323835	19.48 1.13 0.00	18.73 1.11 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.54 0.73 0.00	13.87 0.82 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.87 1.33 0.00	17.58 1.25 -0.01	20.98 1.56 0.00	25.08 1.65 -2.98	22.33 1.71 -0.42	23.25 1.70 -2.25	25.66 1.80 -3.87	30.52 2.51 -0.16	28.21 2.48 0.00	33.96 2.91 0.00	35.07 2.74 0.00	37.03 2.63 0.00	32.55 2.42 0.00	33.01 2.38 0.00	27.83 2.00 0.00	28.73 1.77 0.00
FPL FAR_ROCK_GT1 24212	19.85 1.51 0.00	19.05 1.43 0.00	15.16 1.15 0.00	12.74 0.98 0.00	12.82 1.01 0.00	14.11 1.07 0.00	17.89 1.45 0.00	19.33 1.59 0.00	19.15 1.61 0.00	17.93 1.55 -0.06	22.80 2.10 -1.28	31.92 2.22 -9.25	31.69 2.24 -9.25	44.01 2.22 -22.48	31.58 2.29 -9.31	65.52 3.17 -34.50	28.85 3.12 0.00	34.59 3.54 0.00	35.74 3.42 0.00	37.84 3.44 0.00	37.48 3.22 -4.13	90.69 3.16 -56.90	48.90 2.69 -20.37	30.60 2.51 -1.14

FPL FAR_ROCK_GT2 23815	19.85 1.51 0.00	19.05 1.43 0.00	15.16 1.15 0.00	12.74 0.98 0.00	12.82 1.01 0.00	14.11 1.07 0.00	17.89 1.45 0.00	19.33 1.59 0.00	19.15 1.61 0.00	17.93 1.55 -0.06	22.80 2.10 -1.28	31.92 2.22 -9.25	31.69 2.24 -9.25	44.01 2.22 -22.48	31.58 2.29 -9.31	65.52 3.17 -34.50	28.85 3.12 0.00	34.59 3.54 0.00	35.74 3.42 0.00	37.84 3.44 0.00	37.48 3.22 -4.13	90.69 3.16 -56.90	48.90 2.69 -20.37	30.60 2.51 -1.14
FRANKLIN_FALL_HYD 24054	18.14 -0.21 0.00	17.30 -0.32 0.00	13.83 -0.19 0.00	11.68 -0.07 0.00	11.72 -0.09 0.00	12.93 -0.12 0.00	16.32 -0.12 0.00	17.65 -0.09 0.00	17.41 -0.13 0.00	16.17 -0.15 0.00	19.16 -0.26 0.00	20.07 -0.38 0.00	19.53 -0.40 0.27	10.69 -0.68 7.94	-74.87 -0.82 94.04	-72.77 -1.19 99.44	-42.68 -0.94 67.47	-40.05 -0.86 70.24	0.49 -0.45 31.38	33.99 -0.41 0.00	13.38 -0.42 16.33	-4.17 -0.87 33.92	-10.64 -0.95 35.51	12.00 -0.90 14.07
FREEPORT_EQUS_GT1 23764	19.72 1.38 0.00	18.93 1.30 0.00	15.07 1.05 0.00	12.67 0.91 0.00	12.76 0.94 0.00	14.03 0.99 0.00	17.81 1.37 0.00	19.24 1.49 0.00	19.04 1.49 0.00	17.72 1.43 0.04	22.63 1.93 -1.28	31.74 2.04 -9.25	31.50 2.05 -9.25	43.75 1.97 -22.48	31.35 2.05 -9.30	65.16 2.81 -34.50	28.50 2.77 0.00	34.38 3.32 0.00	35.50 3.18 0.00	37.58 3.18 0.00	37.15 2.89 -4.13	90.35 2.83 -56.90	48.67 2.47 -20.37	30.44 2.34 -1.14
FREEPORT___CT2 23818	19.72 1.38 0.00	18.93 1.30 0.00	15.07 1.05 0.00	12.67 0.91 0.00	12.76 0.94 0.00	14.03 0.99 0.00	17.81 1.37 0.00	19.24 1.49 0.00	19.04 1.49 0.00	17.72 1.43 0.04	22.63 1.93 -1.28	31.74 2.04 -9.25	31.50 2.05 -9.25	43.75 1.97 -22.48	31.35 2.05 -9.30	65.16 2.81 -34.50	28.50 2.77 0.00	34.38 3.32 0.00	35.50 3.18 0.00	37.58 3.18 0.00	37.15 2.89 -4.13	90.35 2.83 -56.90	48.67 2.47 -20.37	30.44 2.34 -1.14
FRESHKLS_33_KV_LOAD 356253	19.48 1.14 0.00	18.74 1.11 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.54 0.73 0.00	13.87 0.82 0.00	17.55 1.11 0.00	18.96 1.21 0.00	18.84 1.30 0.00	17.53 1.20 -0.01	20.91 1.49 0.00	25.01 1.58 -2.98	22.26 1.64 -0.42	23.18 1.63 -2.25	25.60 1.74 -3.87	30.45 2.44 -0.16	28.17 2.44 0.00	33.90 2.84 0.00	35.00 2.68 0.00	36.94 2.54 0.01	32.52 2.39 0.00	32.99 2.36 0.00	27.81 1.98 0.00	28.69 1.73 0.00
FULTON COGEN____ 23766	18.16 -0.18 0.00	17.42 -0.20 0.00	13.81 -0.21 0.00	11.56 -0.20 0.00	11.63 -0.17 0.00	12.85 -0.20 0.00	16.16 -0.28 0.00	17.40 -0.34 0.00	17.20 -0.34 0.00	16.01 -0.31 0.00	19.06 -0.36 0.00	20.06 -0.39 0.00	19.78 -0.40 0.03	18.40 -0.31 0.60	13.08 -0.26 6.65	19.92 -0.33 7.60	22.77 -0.31 2.65	28.76 -0.25 2.04	32.06 -0.26 0.00	34.17 -0.23 0.00	29.88 -0.25 0.00	30.27 -0.36 0.00	25.53 -0.30 0.00	26.64 -0.32 0.00
FULTON___LFGE 323630	19.85 1.51 0.00	19.07 1.44 0.00	15.17 1.16 0.00	12.73 0.97 0.00	12.82 1.00 0.00	14.21 1.16 0.00	17.84 1.40 0.00	18.78 1.03 0.00	17.50 -0.05 0.00	16.08 -0.24 0.00	18.97 -0.45 0.00	20.38 -0.07 0.00	19.78 -0.43 0.00	19.06 -0.25 0.00	19.87 -0.13 0.00	28.60 0.74 0.00	27.49 1.76 0.00	33.72 2.66 0.00	34.31 1.98 0.00	38.39 3.98 0.00	33.82 3.69 0.00	34.22 3.58 0.00	28.66 2.83 0.00	29.62 2.65 0.00
G.F.CEMENT___DRP 24184	19.31 0.97 0.00	18.59 0.96 0.00	14.75 0.73 0.00	12.36 0.60 0.00	12.45 0.64 0.00	13.78 0.73 0.00	17.47 1.04 0.00	18.80 1.05 0.00	18.48 0.93 0.00	17.10 0.78 0.00	20.31 0.89 0.00	21.91 0.99 -0.47	21.24 0.98 -0.07	20.69 1.03 -0.36	21.71 1.11 -0.61	29.57 1.69 -0.03	27.38 1.65 0.00	33.30 2.24 0.00	34.66 2.33 0.00	36.77 2.37 0.00	32.43 2.30 0.00	32.75 2.12 0.00	27.67 1.84 0.00	28.63 1.66 0.00
GARDENVILLE___LBMP 24039	18.19 -0.15 0.00	17.31 -0.32 0.00	13.55 -0.46 0.00	11.27 -0.48 0.00	11.35 -0.46 0.00	12.62 -0.43 0.00	15.77 -0.67 0.00	17.11 -0.64 0.00	16.89 -0.65 0.00	15.83 -0.49 0.00	19.00 -0.42 0.00	20.03 -0.43 0.00	19.72 -0.48 0.00	19.03 -0.27 0.00	19.82 -0.17 0.00	27.76 -0.09 0.00	25.59 -0.14 0.00	30.80 -0.26 0.00	32.18 -0.15 0.00	34.49 0.09 0.00	29.93 -0.20 0.00	30.23 -0.40 0.00	25.77 -0.07 0.00	27.14 0.18 0.00
GARDNVLA_35_KV_LD 355827	18.28 -0.06 0.00	17.38 -0.24 0.00	13.61 -0.40 0.00	11.32 -0.44 0.00	11.40 -0.41 0.00	12.67 -0.37 0.00	15.83 -0.61 0.00	17.18 -0.57 0.00	16.97 -0.57 0.00	15.90 -0.42 0.00	19.10 -0.32 0.00	20.13 -0.32 0.00	19.83 -0.37 0.00	19.16 -0.15 0.00	19.95 -0.04 0.00	27.95 0.10 0.00	25.77 0.04 0.00	31.04 -0.02 -0.01	32.42 0.09 0.00	34.75 0.35 0.00	30.14 0.01 0.00	30.46 -0.17 0.00	25.95 0.11 0.00	27.32 0.36 0.00
GELCKHM___115KV_LOAD 80723	18.25 -0.09 0.00	17.52 -0.10 0.00	13.88 -0.14 0.00	11.62 -0.14 0.00	11.69 -0.12 0.00	12.92 -0.13 0.00	16.25 -0.18 0.00	17.52 -0.22 0.00	17.31 -0.23 0.00	16.14 -0.18 0.00	19.21 -0.20 0.00	20.22 -0.23 0.00	19.97 -0.21 0.02	18.72 -0.12 0.46	14.77 -0.09 5.13	21.90 -0.09 5.86	23.65 -0.04 2.04	29.49 0.01 1.57	32.34 0.02 0.00	34.46 0.06 0.00	30.12 -0.01 0.00	30.53 -0.10 0.00	25.72 -0.11 0.00	26.82 -0.14 0.00
GENERAL___MILLS 23808	18.25 -0.10 0.00	17.35 -0.27 0.00	13.59 -0.42 0.00	11.30 -0.45 0.00	11.38 -0.43 0.00	12.66 -0.39 0.00	15.81 -0.63 0.00	17.16 -0.59 0.00	16.94 -0.60 0.00	15.87 -0.45 0.00	19.06 -0.36 0.00	20.08 -0.37 0.00	19.78 -0.42 0.00	19.10 -0.20 0.00	19.89 -0.10 0.00	27.86 0.01 0.00	25.68 -0.04 0.00	30.92 -0.14 -0.01	32.31 -0.01 0.00	34.63 0.23 0.00	30.05 -0.08 0.00	30.36 -0.27 0.00	25.87 0.04 0.00	27.24 0.28 0.00
GE_PLASTICS___DRP 24183	18.77 0.42 0.00	18.13 0.51 0.00	14.43 0.41 0.00	12.10 0.34 0.00	12.16 0.35 0.00	13.43 0.38 0.00	16.96 0.53 0.00	18.24 0.50 0.00	17.99 0.44 0.00	16.69 0.37 0.00	19.85 0.43 0.00	21.39 0.45 -0.49	20.75 0.48 -0.07	20.19 0.51 -0.37	21.16 0.54 -0.63	28.57 0.69 -0.03	26.44 0.72 0.00	31.99 0.94 0.00	33.30 0.98 0.00	35.44 1.04 0.00	31.08 0.95 0.00	31.43 0.80 0.00	26.47 0.64 0.00	27.46 0.50 0.00
GILBOA___1 23756	18.79 0.44 0.00	18.08 0.46 0.00	14.36 0.35 0.00	12.04 0.28 0.00	12.11 0.30 0.00	13.38 0.33 0.00	16.92 0.48 0.00	18.26 0.51 0.00	18.05 0.50 0.00	16.77 0.45 0.00	19.98 0.57 0.00	21.04 0.58 0.00	20.80 0.59 0.00	19.93 0.63 0.00	20.65 0.66 0.00	28.76 0.91 0.00	26.64 0.91 0.00	32.14 1.09 0.00	33.41 1.08 0.00	35.48 1.08 0.00	31.09 0.96 0.00	31.49 0.86 0.00	26.56 0.73 0.00	27.57 0.61 0.00
GILBOA___2 23757	18.79 0.44 0.00	18.08 0.46 0.00	14.36 0.35 0.00	12.04 0.28 0.00	12.11 0.30 0.00	13.38 0.33 0.00	16.92 0.48 0.00	18.26 0.51 0.00	18.05 0.50 0.00	16.77 0.45 0.00	19.98 0.57 0.00	21.04 0.58 0.00	20.80 0.59 0.00	19.93 0.63 0.00	20.65 0.66 0.00	28.76 0.91 0.00	26.64 0.91 0.00	32.14 1.09 0.00	33.41 1.08 0.00	35.48 1.08 0.00	31.09 0.96 0.00	31.49 0.86 0.00	26.56 0.73 0.00	27.57 0.61 0.00

GILBOA___3 23758	18.79 0.44 0.00	18.08 0.46 0.00	14.36 0.35 0.00	12.04 0.28 0.00	12.11 0.30 0.00	13.38 0.33 0.00	16.92 0.48 0.00	18.26 0.51 0.00	18.05 0.50 0.00	16.77 0.45 0.00	19.98 0.57 0.00	21.04 0.58 0.00	20.80 0.59 0.00	19.93 0.63 0.00	20.65 0.66 0.00	28.76 0.91 0.00	26.64 0.91 0.00	32.14 1.09 0.00	33.41 1.08 0.00	35.48 1.08 0.00	31.09 0.96 0.00	31.49 0.86 0.00	26.56 0.73 0.00	27.57 0.61 0.00
GILBOA___4 23759	18.79 0.44 0.00	18.08 0.46 0.00	14.36 0.35 0.00	12.04 0.28 0.00	12.11 0.30 0.00	13.38 0.33 0.00	16.92 0.48 0.00	18.26 0.51 0.00	18.05 0.50 0.00	16.77 0.45 0.00	19.98 0.57 0.00	21.04 0.58 0.00	20.80 0.59 0.00	19.93 0.63 0.00	20.65 0.66 0.00	28.76 0.91 0.00	26.64 0.91 0.00	32.14 1.09 0.00	33.41 1.08 0.00	35.48 1.08 0.00	31.09 0.96 0.00	31.49 0.86 0.00	26.56 0.73 0.00	27.57 0.61 0.00
GILBOA___ 23599	18.79 0.44 0.00	18.08 0.46 0.00	14.36 0.35 0.00	12.04 0.28 0.00	12.11 0.30 0.00	13.38 0.33 0.00	16.92 0.48 0.00	18.26 0.51 0.00	18.05 0.50 0.00	16.77 0.45 0.00	19.98 0.57 0.00	21.04 0.58 0.00	20.80 0.59 0.00	19.93 0.63 0.00	20.65 0.66 0.00	28.76 0.91 0.00	26.64 0.91 0.00	32.14 1.09 0.00	33.41 1.08 0.00	35.48 1.08 0.00	31.09 0.96 0.00	31.49 0.86 0.00	26.56 0.73 0.00	27.57 0.61 0.00
GINNA___ 23603	17.51 -0.84 0.00	16.72 -0.90 0.00	13.18 -0.83 0.00	11.02 -0.74 0.00	11.09 -0.72 0.00	12.30 -0.74 0.00	15.44 -1.00 0.00	16.69 -1.05 0.00	16.46 -1.08 0.00	15.36 -0.96 0.00	18.35 -1.07 0.00	19.37 -1.08 0.00	19.15 -1.05 0.00	18.46 -0.85 0.00	19.15 -0.84 0.00	26.86 -0.99 0.00	24.84 -0.88 0.00	30.02 -1.03 0.00	31.43 -0.89 0.00	33.65 -0.75 0.00	29.29 -0.84 0.00	29.61 -1.02 0.00	25.04 -0.79 0.00	26.22 -0.74 0.00
GLEN PARK___ 23778	18.38 0.04 0.00	17.63 0.01 0.00	13.97 -0.05 0.00	11.70 -0.05 0.00	11.67 -0.13 0.00	12.92 -0.12 0.00	16.33 -0.11 0.00	17.50 -0.25 0.00	17.58 0.04 0.00	16.31 -0.01 0.00	19.14 -0.28 0.00	19.83 -0.62 0.00	19.18 -0.83 0.19	13.53 -0.94 4.84	-35.30 -0.57 54.71	-33.50 -0.43 60.92	-2.74 -0.63 27.84	5.15 -0.76 25.14	25.54 -0.47 6.32	34.48 0.08 0.00	27.09 0.24 3.29	23.84 0.05 6.83	18.24 -0.06 7.53	22.16 -0.27 4.53
GLENDALE_27_KV_LOAD 356172	19.54 1.19 0.00	18.79 1.16 0.00	14.91 0.90 0.00	12.51 0.75 0.00	12.59 0.77 0.00	13.91 0.87 0.00	17.64 1.21 0.00	19.10 1.35 0.00	18.98 1.44 0.00	17.72 1.39 -0.01	21.17 1.75 0.00	25.29 1.86 -2.98	22.54 1.92 -0.42	23.44 1.88 -2.25	25.82 1.96 -3.87	30.72 2.71 -0.16	28.36 2.63 0.00	34.19 3.14 0.00	35.32 3.00 0.00	37.31 2.91 0.00	32.67 2.54 0.00	33.11 2.48 0.00	27.96 2.12 0.00	28.88 1.92 0.00
GLENWOOD_IC_1_G1 23712	19.57 1.22 0.00	18.79 1.17 0.00	14.94 0.93 0.00	12.55 0.80 0.00	12.64 0.83 0.00	13.93 0.88 0.00	17.67 1.24 0.00	19.11 1.37 0.00	18.96 1.42 0.00	17.67 1.36 0.01	22.49 1.80 -1.28	31.61 1.91 -9.25	31.39 1.94 -9.25	43.70 1.92 -22.48	31.28 1.98 -9.30	64.97 2.62 -34.50	28.28 2.56 0.00	34.15 3.10 0.00	35.31 2.98 0.00	37.33 2.93 0.00	36.81 2.54 -4.13	90.08 2.55 -56.90	48.37 2.16 -20.37	30.16 2.06 -1.14
GLENWOOD_IC_2_G1 23688	19.47 1.13 0.00	18.72 1.10 0.00	14.88 0.86 0.00	12.49 0.74 0.00	12.57 0.76 0.00	13.87 0.82 0.00	17.59 1.15 0.00	19.02 1.28 0.00	18.86 1.32 0.00	17.59 1.26 0.00	22.36 1.66 -1.28	31.46 1.76 -9.25	31.23 1.78 -9.25	43.55 1.76 -22.48	31.13 1.84 -9.30	64.90 2.55 -34.50	28.23 2.50 0.00	34.08 3.02 0.00	35.24 2.92 0.00	37.27 2.87 0.00	36.76 2.50 -4.13	89.95 2.42 -56.90	48.24 2.03 -20.37	29.97 1.87 -1.14
GLENWOOD_IC_3_G1 23689	19.47 1.13 0.00	18.72 1.10 0.00	14.88 0.86 0.00	12.49 0.74 0.00	12.57 0.76 0.00	13.87 0.82 0.00	17.59 1.15 0.00	19.02 1.28 0.00	18.86 1.32 0.00	17.59 1.26 0.00	22.36 1.66 -1.28	31.46 1.76 -9.25	31.23 1.78 -9.25	43.55 1.76 -22.48	31.13 1.84 -9.30	64.90 2.55 -34.50	28.23 2.50 0.00	34.08 3.02 0.00	35.24 2.92 0.00	37.27 2.87 0.00	36.76 2.50 -4.13	89.95 2.42 -56.90	48.24 2.03 -20.37	29.97 1.87 -1.14
GLENWOOD___4 23550	19.57 1.22 0.00	18.79 1.17 0.00	14.94 0.93 0.00	12.55 0.80 0.00	12.64 0.83 0.00	13.93 0.88 0.00	17.67 1.24 0.00	19.11 1.37 0.00	18.96 1.42 0.00	17.67 1.36 0.01	22.49 1.80 -1.28	31.61 1.91 -9.25	31.39 1.94 -9.25	43.70 1.92 -22.48	31.28 1.99 -9.30	65.04 2.69 -34.50	28.35 2.62 0.00	34.23 3.18 0.00	35.39 3.06 0.00	37.42 3.01 0.00	36.88 2.62 -4.13	90.12 2.60 -56.90	48.39 2.19 -20.37	30.16 2.06 -1.14
GLENWOOD___5 23614	19.57 1.22 0.00	18.79 1.17 0.00	14.94 0.93 0.00	12.55 0.80 0.00	12.64 0.83 0.00	13.93 0.88 0.00	17.67 1.24 0.00	19.11 1.37 0.00	18.96 1.42 0.00	17.67 1.36 0.01	22.49 1.80 -1.28	31.61 1.91 -9.25	31.39 1.94 -9.25	43.70 1.92 -22.48	31.28 1.99 -9.30	65.04 2.69 -34.50	28.35 2.62 0.00	34.23 3.18 0.00	35.39 3.06 0.00	37.42 3.01 0.00	36.88 2.62 -4.13	90.12 2.60 -56.90	48.39 2.19 -20.37	30.16 2.06 -1.14
GLOBAL GREEN_PORT_GT1 23814	19.59 1.25 0.00	18.97 1.34 0.00	15.34 1.33 0.00	12.92 1.17 0.00	13.17 1.36 0.00	14.49 1.44 0.00	18.50 2.06 0.00	19.93 2.18 0.00	19.88 2.34 0.00	18.49 2.19 0.03	23.33 2.63 -1.28	32.41 2.70 -9.25	32.20 2.76 -9.25	44.28 2.49 -22.48	31.67 2.37 -9.30	65.06 2.71 -34.50	28.73 3.01 0.00	34.90 3.85 0.00	36.14 3.81 0.00	38.29 3.89 0.00	37.55 3.29 -4.13	90.66 3.14 -56.90	48.89 2.68 -20.37	30.53 2.43 -1.14
GLOBE___DSASP 323697	17.68 -0.67 0.00	16.82 -0.81 0.00	13.19 -0.82 0.00	11.00 -0.76 0.00	11.06 -0.75 0.00	12.32 -0.73 0.00	15.31 -1.13 0.00	16.58 -1.17 0.00	16.19 -1.35 0.00	15.15 -1.17 0.00	18.13 -1.29 0.00	19.10 -1.36 0.00	18.83 -1.37 0.00	18.23 -1.08 0.00	18.90 -1.09 0.00	26.44 -1.41 0.00	24.33 -1.39 0.01	29.25 -1.78 0.02	30.70 -1.63 0.00	32.98 -1.42 0.00	28.63 -1.50 0.00	29.02 -1.61 0.00	24.92 -0.91 0.00	26.52 -0.45 0.00
GOETHSLN___LBMP 323567	19.37 1.03 0.00	18.63 1.01 0.00	14.79 0.77 0.00	12.41 0.65 0.00	12.49 0.68 0.00	13.80 0.75 0.00	17.49 1.05 0.00	18.93 1.19 0.00	18.79 1.25 0.00	17.55 1.22 -0.01	20.96 1.55 0.00	25.07 1.64 -2.98	22.31 1.69 -0.42	23.23 1.67 -2.25	25.61 1.74 -3.87	30.44 2.43 -0.16	28.14 2.41 0.00	33.94 2.89 0.00	35.06 2.74 0.00	37.02 2.61 0.00	32.40 2.27 0.00	32.80 2.17 0.00	27.68 1.84 0.00	28.61 1.65 0.00
GOLAH___69_KV_TB 1_2 80279	18.41 0.06 0.00	17.54 -0.09 0.00	13.80 -0.22 0.00	11.52 -0.24 0.00	11.59 -0.22 0.00	12.88 -0.17 0.00	16.14 -0.30 0.00	17.44 -0.30 0.00	17.19 -0.35 0.00	16.06 -0.26 0.00	19.18 -0.24 0.00	20.24 -0.21 0.00	19.99 -0.21 0.00	19.30 0.00 0.00	20.03 0.04 0.00	28.10 0.25 0.00	25.93 0.20 0.00	31.29 0.24 0.00	32.82 0.50 0.00	35.22 0.82 0.00	30.71 0.58 0.00	31.08 0.45 0.00	26.38 0.55 0.00	27.67 0.71 0.00

GOODYEAR_LAKE_HYD 323669	19.03 0.69 0.00	18.22 0.60 0.00	14.44 0.43 0.00	12.11 0.35 0.00	12.18 0.37 0.00	13.47 0.43 0.00	17.02 0.58 0.00	18.39 0.65 0.00	18.17 0.63 0.00	16.96 0.63 0.00	20.24 0.82 0.00	21.32 0.87 0.00	21.05 0.85 0.00	20.15 0.84 0.00	20.90 0.91 0.00	29.22 1.37 0.00	27.06 1.33 0.00	32.70 1.65 0.00	33.98 1.66 0.00	36.16 1.76 0.00	31.54 1.42 0.00	31.94 1.31 0.00	26.90 1.07 0.00	27.97 1.01 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.58 0.23 0.00	17.81 0.19 0.00	14.10 0.08 0.00	11.80 0.05 0.00	11.89 0.08 0.00	13.13 0.08 0.00	16.58 0.14 0.00	17.88 0.14 0.00	17.63 0.09 0.00	16.43 0.10 0.00	19.62 0.21 0.00	20.67 0.21 0.00	20.36 0.16 0.00	19.52 0.22 0.00	20.36 0.37 0.00	28.38 0.53 0.00	26.23 0.51 0.00	31.90 0.85 0.00	33.14 0.81 0.00	35.22 0.82 0.00	30.74 0.61 0.00	31.11 0.47 0.00	26.23 0.40 0.00	27.32 0.36 0.00
GOUDEY___7 23579	18.59 0.24 0.00	17.82 0.20 0.00	14.10 0.09 0.00	11.81 0.05 0.00	11.90 0.08 0.00	13.15 0.10 0.00	16.60 0.16 0.00	17.90 0.15 0.00	17.65 0.11 0.00	16.44 0.12 0.00	19.64 0.23 0.00	20.69 0.23 0.00	20.38 0.18 0.00	19.55 0.24 0.00	20.38 0.39 0.00	28.41 0.56 0.00	26.26 0.53 0.00	31.94 0.89 0.00	33.18 0.85 0.00	35.27 0.86 0.00	30.78 0.65 0.00	31.14 0.51 0.00	26.26 0.43 0.00	27.34 0.38 0.00
GOUDEY___8 23580	18.58 0.23 0.00	17.81 0.19 0.00	14.10 0.08 0.00	11.80 0.05 0.00	11.89 0.08 0.00	13.13 0.08 0.00	16.58 0.14 0.00	17.88 0.14 0.00	17.63 0.09 0.00	16.43 0.10 0.00	19.62 0.21 0.00	20.67 0.21 0.00	20.36 0.16 0.00	19.52 0.22 0.00	20.36 0.37 0.00	28.38 0.53 0.00	26.23 0.51 0.00	31.90 0.85 0.00	33.14 0.81 0.00	35.22 0.82 0.00	30.74 0.61 0.00	31.11 0.47 0.00	26.23 0.40 0.00	27.32 0.36 0.00
GOWANUS_GT1_1 24077	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT1_2 24078	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT1_3 24079	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT1_4 24080	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT1_5 24084	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT1_6 24111	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT1_7 24112	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT1_8 24113	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT2_1 24114	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT2_2 24115	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT2_3 24116	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00

GOWANUS_GT2_4 24117	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT2_5 24118	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT2_6 24119	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT2_7 24120	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT2_8 24121	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT3_1 24122	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT3_2 24123	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT3_3 24124	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT3_4 24125	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT3_5 24126	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT3_6 24127	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT3_7 24128	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT3_8 24129	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
GOWANUS_GT4_1 24130	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT4_2 24131	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00

GOWANUS_GT4_3 24132	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT4_4 24133	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT4_5 24134	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT4_6 24135	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT4_7 24136	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GOWANUS_GT4_8 24137	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.80 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GREENBSH_115KV_TB3 55895	18.74 0.39 0.00	18.15 0.52 0.00	14.45 0.43 0.00	12.12 0.36 0.00	12.17 0.36 0.00	13.44 0.39 0.00	16.98 0.54 0.00	18.23 0.48 0.00	17.96 0.42 0.00	16.65 0.33 0.00	19.81 0.39 0.00	21.37 0.41 -0.51	20.73 0.46 -0.07	20.18 0.50 -0.38	21.17 0.52 -0.66	28.51 0.63 -0.03	26.38 0.65 0.00	31.94 0.89 0.00	33.24 0.91 0.00	35.39 0.99 0.00	31.04 0.91 0.00	31.36 0.73 0.00	26.40 0.56 0.00	27.38 0.42 0.00
GREENIDGE_115KV_TB5 80291	18.48 0.13 0.00	17.63 0.00 0.00	13.88 -0.14 0.00	11.56 -0.20 0.00	11.63 -0.18 0.00	12.89 -0.16 0.00	16.25 -0.18 0.00	17.60 -0.14 0.00	17.40 -0.14 0.00	16.21 -0.11 0.00	19.34 -0.08 0.00	20.36 -0.10 0.00	20.06 -0.14 0.00	19.29 -0.02 0.00	20.08 0.09 0.00	28.08 0.23 0.00	26.05 0.32 0.00	31.59 0.54 0.00	33.00 0.67 0.00	35.41 1.01 0.00	30.84 0.71 0.00	31.09 0.47 0.00	26.19 0.35 0.00	27.30 0.33 0.00
GREENIDGE___3 23582	18.48 0.13 0.00	17.63 0.00 0.00	13.88 -0.14 0.00	11.56 -0.20 0.00	11.63 -0.18 0.00	12.89 -0.16 0.00	16.25 -0.18 0.00	17.60 -0.14 0.00	17.40 -0.14 0.00	16.21 -0.11 0.00	19.34 -0.08 0.00	20.36 -0.10 0.00	20.06 -0.14 0.00	19.29 -0.02 0.00	20.08 0.09 0.00	28.08 0.23 0.00	26.05 0.32 0.00	31.59 0.54 0.00	33.00 0.67 0.00	35.41 1.01 0.00	30.84 0.71 0.00	31.09 0.47 0.00	26.19 0.35 0.00	27.30 0.33 0.00
GREENIDGE___4 23583	18.48 0.13 0.00	17.62 0.00 0.00	13.88 -0.14 0.00	11.56 -0.20 0.00	11.63 -0.19 0.00	12.89 -0.16 0.00	16.25 -0.18 0.00	17.60 -0.14 0.00	17.40 -0.14 0.00	16.21 -0.11 0.00	19.34 -0.08 0.00	20.36 -0.09 0.00	20.06 -0.14 0.00	19.29 -0.02 0.00	20.08 0.09 0.00	28.09 0.24 0.00	26.06 0.33 0.00	31.60 0.55 0.00	33.00 0.68 0.00	35.40 1.00 0.00	30.84 0.70 0.00	31.09 0.46 0.00	26.19 0.35 0.00	27.29 0.33 0.00
GREENLWN_69_KV_BK 3 55738	19.63 1.29 0.00	18.85 1.22 0.00	15.03 1.01 0.00	12.65 0.89 0.00	12.73 0.92 0.00	13.99 0.95 0.00	17.78 1.34 0.00	19.17 1.42 0.00	18.99 1.44 0.00	17.66 1.37 0.03	22.56 1.86 -1.28	31.66 1.96 -9.25	31.43 1.98 -9.25	43.72 1.93 -22.48	31.33 2.04 -9.30	65.18 2.83 -34.50	28.43 2.70 0.00	34.33 3.28 0.00	35.48 3.16 0.00	37.59 3.18 0.00	37.05 2.79 -4.13	90.37 2.84 -56.90	48.69 2.48 -20.37	30.41 2.31 -1.14
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00
GRISSOM___SOLAR 323813	19.85 1.51 0.00	19.07 1.44 0.00	15.17 1.16 0.00	12.73 0.97 0.00	12.82 1.00 0.00	14.21 1.16 0.00	17.84 1.40 0.00	18.78 1.03 0.00	17.50 -0.05 0.00	16.08 -0.24 0.00	18.97 -0.45 0.00	20.38 -0.07 0.00	19.78 -0.43 0.00	19.06 -0.25 0.00	19.87 -0.13 0.00	28.60 0.74 0.00	27.49 1.76 0.00	33.72 2.66 0.00	34.31 1.98 0.00	38.39 3.98 0.00	33.82 3.69 0.00	34.22 3.58 0.00	28.66 2.83 0.00	29.62 2.65 0.00
GROVEVILLE___HYD 323602	19.43 1.08 0.00	18.67 1.05 0.00	14.82 0.80 0.00	12.43 0.67 0.00	12.50 0.69 0.00	13.82 0.78 0.00	17.54 1.10 0.00	18.98 1.23 0.00	18.79 1.25 0.00	17.50 1.18 0.00	20.88 1.47 0.00	22.44 1.55 -0.44	21.85 1.58 -0.06	21.24 1.61 -0.33	22.25 1.69 -0.57	30.34 2.46 -0.02	28.17 2.45 0.00	34.09 3.03 0.00	35.36 3.04 0.00	37.43 3.03 0.00	32.73 2.60 0.00	33.06 2.43 0.00	27.81 1.98 0.00	28.75 1.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.36 0.02 0.00	17.64 0.01 0.00	13.96 -0.05 0.00	11.68 -0.07 0.00	11.77 -0.04 0.00	13.00 -0.05 0.00	16.37 -0.07 0.00	17.64 -0.11 0.00	17.43 -0.11 0.00	16.25 -0.07 0.00	19.35 -0.07 0.00	20.37 -0.08 0.00	20.12 -0.06 0.02	18.90 0.03 0.43	15.31 0.05 4.74	22.56 0.13 5.42	24.01 0.17 1.89	29.88 0.28 1.45	32.61 0.28 0.00	34.76 0.36 0.00	30.37 0.24 0.00	30.78 0.15 0.00	25.92 0.09 0.00	27.03 0.07 0.00

HAMLTNNY_34_KV_TB 80303	18.40 0.05 0.00	17.66 0.03 0.00	13.98 -0.04 0.00	11.69 -0.06 0.00	11.77 -0.04 0.00	13.01 -0.03 0.00	16.38 -0.06 0.00	17.66 -0.08 0.00	17.46 -0.09 0.00	16.27 -0.05 0.00	19.32 -0.10 0.00	20.36 -0.09 0.00	20.10 -0.08 0.02	18.94 0.02 0.38	15.82 0.05 4.22	23.26 0.24 4.83	24.33 0.28 1.68	30.19 0.43 1.29	32.75 0.42 0.00	34.93 0.53 0.00	30.50 0.36 0.00	30.90 0.27 0.00	26.00 0.17 0.00	27.12 0.16 0.00
HAMPSHIRE___PAPER_HYD 323593	18.12 -0.22 0.00	17.37 -0.25 0.00	13.84 -0.17 0.00	11.69 -0.06 0.00	11.62 -0.19 0.00	12.83 -0.22 0.00	16.17 -0.26 0.00	17.44 -0.31 0.00	17.35 -0.19 0.00	16.11 -0.21 0.00	19.07 -0.35 0.00	19.90 -0.55 0.00	19.01 -0.68 0.51	5.65 -0.88 12.77	-125.42 -0.76 144.64	-133.81 -0.92 160.74	-50.01 -1.03 74.70	-38.24 -1.30 67.99	13.37 -1.10 17.86	33.56 -0.85 0.00	20.16 -0.68 9.29	10.64 -0.68 19.30	4.05 -0.47 21.31	13.49 -0.53 12.94
HARDSCRABBLE_WT_PWR 323673	18.61 0.27 0.00	17.94 0.31 0.00	14.22 0.21 0.00	11.91 0.15 0.00	11.99 0.17 0.00	13.24 0.19 0.00	16.74 0.31 0.00	17.99 0.25 0.00	17.71 0.17 0.00	16.36 0.04 0.00	19.55 0.14 0.00	20.57 0.12 0.00	20.30 0.11 0.02	19.17 0.18 0.31	17.09 0.23 3.12	24.09 0.23 4.00	26.50 0.42 -0.35	33.03 0.73 -1.24	34.68 0.68 -1.67	35.17 0.76 0.00	31.75 0.75 -0.87	32.93 0.49 -1.81	28.17 0.30 -2.03	28.43 0.09 -1.38
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.26 0.91 0.00	18.52 0.89 0.00	14.70 0.68 0.00	12.33 0.57 0.00	12.41 0.60 0.00	13.72 0.67 0.00	17.38 0.94 0.00	18.80 1.06 0.00	18.65 1.11 0.00	17.37 1.05 0.00	20.74 1.32 0.00	18.55 1.41 3.31	21.19 1.46 0.47	18.27 1.47 2.51	17.23 1.55 4.31	29.91 2.24 0.18	27.95 2.22 0.00	33.82 2.77 0.00	35.01 2.69 0.00	37.04 2.63 0.00	32.36 2.24 0.00	32.70 2.08 0.00	27.53 1.70 0.00	28.49 1.53 0.00
HARSNRAD_115KV_TB1 81005	18.02 -0.33 0.00	17.14 -0.49 0.00	13.43 -0.58 0.00	11.19 -0.57 0.00	11.26 -0.55 0.00	12.53 -0.51 0.00	15.61 -0.83 0.00	16.91 -0.83 0.00	16.62 -0.92 0.00	15.58 -0.75 0.00	18.66 -0.76 0.00	19.66 -0.80 0.00	19.38 -0.82 0.00	18.77 -0.54 0.00	19.50 -0.49 0.00	27.33 -0.52 0.00	25.15 -0.58 0.00	30.26 -0.80 -0.01	31.72 -0.61 0.00	34.09 -0.31 0.00	29.60 -0.53 0.00	29.97 -0.66 0.00	25.63 -0.20 0.00	27.06 0.10 0.00
HARZA MOOSE___RIVER 24016	18.54 0.19 0.00	17.80 0.17 0.00	14.12 0.11 0.00	11.84 0.08 0.00	11.84 0.03 0.00	13.09 0.04 0.00	16.53 0.08 0.00	17.80 0.05 0.00	17.70 0.16 0.00	16.44 0.12 0.00	19.53 0.11 0.00	20.39 -0.06 0.00	19.88 -0.18 0.14	15.58 -0.22 3.51	-19.47 0.01 39.47	-16.13 0.17 44.16	6.48 0.03 19.28	14.15 0.12 17.03	28.78 0.18 3.72	34.86 0.46 0.00	28.59 0.39 1.94	26.85 0.24 4.02	21.54 0.12 4.41	24.38 -0.02 2.57
HDSNBRDG_115KV_BRDG_TB1 355580	18.27 -0.08 0.00	17.52 -0.10 0.00	13.88 -0.13 0.00	11.62 -0.13 0.00	11.69 -0.12 0.00	12.92 -0.12 0.00	16.26 -0.18 0.00	17.53 -0.22 0.00	17.32 -0.22 0.00	16.14 -0.18 0.00	19.23 -0.19 0.00	20.25 -0.20 0.00	20.00 -0.18 0.02	18.74 -0.09 0.47	14.69 -0.06 5.23	21.83 -0.04 5.98	23.62 -0.02 2.09	29.48 0.03 1.61	32.37 0.05 0.00	34.47 0.07 0.00	30.13 0.00 0.00	30.55 -0.08 0.00	25.75 -0.08 0.00	26.85 -0.11 0.00
HELLGATE_13_KV_LD 55870	19.43 1.09 0.00	18.70 1.07 0.00	14.84 0.83 0.00	12.46 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.87 1.33 0.00	17.62 1.30 -0.01	21.05 1.63 0.00	25.16 1.74 -2.98	22.41 1.79 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.53 2.52 -0.16	28.17 2.45 0.00	33.96 2.91 0.00	35.10 2.77 0.00	37.08 2.67 0.00	32.48 2.35 0.00	32.92 2.29 0.00	27.80 1.97 0.00	28.72 1.76 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.43 1.09 0.00	18.70 1.07 0.00	14.84 0.83 0.00	12.46 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.87 1.33 0.00	17.62 1.30 -0.01	21.05 1.63 0.00	25.16 1.74 -2.98	22.41 1.79 -0.42	23.32 1.76 -2.25	25.69 1.83 -3.87	30.53 2.52 -0.16	28.17 2.45 0.00	33.96 2.91 0.00	35.10 2.77 0.00	37.08 2.67 0.00	32.48 2.35 0.00	32.92 2.29 0.00	27.80 1.97 0.00	28.72 1.76 0.00
HEMPSTEAD____ 23647	19.55 1.21 0.00	18.78 1.15 0.00	14.95 0.93 0.00	12.57 0.81 0.00	12.65 0.84 0.00	13.92 0.88 0.00	17.67 1.23 0.00	19.10 1.36 0.00	18.92 1.38 0.00	17.63 1.32 0.02	22.47 1.77 -1.28	31.57 1.86 -9.25	31.34 1.89 -9.25	43.63 1.85 -22.48	31.21 1.91 -9.30	64.98 2.64 -34.50	28.30 2.57 0.00	34.16 3.11 0.00	35.32 2.99 0.00	37.38 2.98 0.00	36.87 2.61 -4.13	90.12 2.59 -56.90	48.42 2.22 -20.37	30.18 2.08 -1.14
HEWLETT_69_KV_BK3 55828	19.77 1.42 0.00	18.97 1.35 0.00	15.10 1.08 0.00	12.69 0.93 0.00	12.77 0.96 0.00	14.05 1.01 0.00	17.81 1.38 0.00	19.25 1.50 0.00	19.07 1.53 0.00	17.85 1.47 -0.06	22.69 1.99 -1.28	31.81 2.11 -9.25	31.57 2.12 -9.25	43.89 2.10 -22.48	31.47 2.17 -9.30	65.35 3.00 -34.50	28.69 2.96 0.00	34.51 3.46 0.00	35.66 3.34 0.00	37.75 3.34 0.00	37.30 3.03 -4.13	90.50 2.97 -56.90	48.76 2.55 -20.37	30.47 2.37 -1.14
HICKLING___1 23621	18.47 0.12 0.00	17.63 0.00 0.00	13.87 -0.15 0.00	11.54 -0.22 0.00	11.62 -0.19 0.00	12.86 -0.19 0.00	16.26 -0.18 0.00	17.59 -0.15 0.00	17.55 0.01 0.00	16.38 0.06 0.00	19.66 0.24 0.00	20.70 0.25 0.00	20.34 0.14 0.00	19.52 0.21 0.00	20.45 0.46 0.00	28.50 0.65 0.00	26.31 0.58 0.00	31.92 0.87 0.00	33.06 0.74 0.00	35.13 0.72 0.00	30.54 0.41 0.00	30.76 0.13 0.00	25.92 0.09 0.00	27.00 0.04 0.00
HICKLING___2 23622	18.47 0.12 0.00	17.63 0.00 0.00	13.87 -0.15 0.00	11.54 -0.22 0.00	11.62 -0.19 0.00	12.86 -0.19 0.00	16.26 -0.18 0.00	17.59 -0.15 0.00	17.55 0.01 0.00	16.38 0.06 0.00	19.66 0.24 0.00	20.70 0.25 0.00	20.34 0.14 0.00	19.52 0.21 0.00	20.45 0.46 0.00	28.50 0.65 0.00	26.31 0.58 0.00	31.92 0.87 0.00	33.06 0.74 0.00	35.13 0.72 0.00	30.54 0.41 0.00	30.76 0.13 0.00	25.92 0.09 0.00	27.00 0.04 0.00
HIGH FALLS___HY 23754	19.29 0.94 0.00	18.50 0.87 0.00	14.67 0.65 0.00	12.30 0.54 0.00	12.38 0.57 0.00	13.70 0.65 0.00	17.38 0.94 0.00	18.85 1.11 0.00	18.69 1.15 0.00	17.39 1.07 0.00	20.74 1.33 0.00	21.83 1.38 0.00	21.58 1.38 0.00	20.60 1.30 0.00	21.39 1.40 0.00	29.91 2.06 0.00	27.83 2.11 0.00	33.69 2.63 0.00	34.98 2.66 0.00	37.03 2.63 0.00	32.39 2.26 0.00	32.92 2.29 0.00	27.69 1.86 0.00	28.63 1.67 0.00
HIGH_RIVER___SOLAR 323847	19.02 0.68 0.00	18.28 0.65 0.00	14.52 0.50 0.00	12.18 0.42 0.00	12.24 0.43 0.00	13.54 0.49 0.00	17.10 0.66 0.00	18.40 0.66 0.00	18.10 0.56 0.00	16.80 0.48 0.00	19.98 0.56 0.00	21.50 0.63 -0.42	20.87 0.60 -0.06	20.26 0.64 -0.32	21.22 0.69 -0.54	28.91 1.04 -0.02	26.84 1.11 0.00	32.53 1.48 0.00	33.85 1.52 0.00	36.04 1.63 0.00	31.62 1.49 0.00	32.01 1.38 0.00	26.98 1.14 0.00	28.01 1.04 0.00

HILLBURN___GT 23639	19.24 0.89 0.00	18.50 0.87 0.00	14.69 0.67 0.00	12.32 0.56 0.00	12.40 0.59 0.00	13.71 0.66 0.00	17.37 0.93 0.00	18.80 1.05 0.00	18.65 1.10 0.00	17.38 1.06 0.00	20.75 1.34 0.00	18.01 1.43 3.87	21.12 1.47 0.54	17.84 1.46 2.93	16.49 1.53 5.03	29.82 2.17 0.21	27.89 2.17 0.00	33.73 2.68 0.00	34.87 2.54 0.00	36.86 2.46 0.00	32.23 2.10 0.00	32.58 1.95 0.00	27.44 1.60 0.00	28.40 1.44 0.00
HILLSIDE_115KV_TB1 80332	18.25 -0.10 0.00	17.47 -0.16 0.00	13.76 -0.25 0.00	11.48 -0.27 0.00	11.58 -0.23 0.00	12.80 -0.25 0.00	16.19 -0.25 0.00	17.50 -0.25 0.00	17.48 -0.06 0.00	16.29 -0.03 0.00	19.54 0.12 0.00	20.58 0.13 0.00	20.22 0.02 0.00	19.40 0.09 0.00	20.34 0.35 0.00	28.30 0.45 0.00	26.13 0.40 0.00	31.66 0.61 0.00	32.71 0.39 0.00	34.66 0.26 0.00	30.17 0.04 0.00	30.44 -0.18 0.00	25.68 -0.15 0.00	26.78 -0.18 0.00
HISHELDN_WT_PWR 323625	18.14 -0.21 0.00	17.22 -0.41 0.00	13.47 -0.54 0.00	11.16 -0.59 0.00	11.23 -0.59 0.00	12.46 -0.59 0.00	15.60 -0.84 0.00	16.95 -0.79 0.00	16.78 -0.76 0.00	15.73 -0.59 0.00	18.87 -0.54 0.00	19.89 -0.56 0.00	19.54 -0.67 0.00	18.82 -0.48 0.00	19.62 -0.37 0.00	27.44 -0.41 0.00	25.32 -0.41 0.00	30.50 -0.56 0.00	31.79 -0.54 0.00	34.10 -0.30 0.00	29.59 -0.54 0.00	29.81 -0.82 0.00	25.33 -0.51 0.00	26.61 -0.35 0.00
HOLTSVILLE_IC_1 23690	19.69 1.34 0.00	18.91 1.28 0.00	15.14 1.12 0.00	12.74 0.98 0.00	12.83 1.03 0.00	14.10 1.05 0.00	17.93 1.49 0.00	19.31 1.57 0.00	19.15 1.61 0.00	17.79 1.50 0.03	22.63 1.93 -1.28	31.73 2.02 -9.25	31.50 2.05 -9.25	43.77 1.98 -22.48	31.36 2.07 -9.30	65.26 2.91 -34.50	28.41 2.68 0.00	34.31 3.25 0.00	35.52 3.19 0.00	37.71 3.31 0.00	37.17 2.91 -4.13	90.42 2.89 -56.90	48.77 2.56 -20.37	30.55 2.45 -1.14
HOLTSVILLE_IC_10 23699	19.76 1.41 0.00	18.98 1.35 0.00	15.19 1.18 0.00	12.79 1.03 0.00	12.88 1.07 0.00	14.14 1.09 0.00	17.99 1.55 0.00	19.39 1.64 0.00	19.23 1.69 0.00	17.88 1.59 0.03	22.73 2.03 -1.28	31.85 2.14 -9.25	31.63 2.18 -9.25	43.90 2.11 -22.48	31.51 2.21 -9.30	65.48 3.13 -34.50	28.59 2.87 0.00	34.55 3.49 0.00	35.77 3.44 0.00	37.98 3.58 0.00	37.39 3.12 -4.13	90.62 3.10 -56.90	48.93 2.73 -20.37	30.70 2.60 -1.14
HOLTSVILLE_IC_2 23691	19.69 1.34 0.00	18.91 1.28 0.00	15.14 1.12 0.00	12.74 0.98 0.00	12.83 1.03 0.00	14.10 1.05 0.00	17.93 1.49 0.00	19.31 1.57 0.00	19.15 1.61 0.00	17.79 1.50 0.03	22.63 1.93 -1.28	31.73 2.02 -9.25	31.50 2.05 -9.25	43.77 1.98 -22.48	31.36 2.07 -9.30	65.26 2.91 -34.50	28.41 2.68 0.00	34.31 3.25 0.00	35.52 3.19 0.00	37.71 3.31 0.00	37.17 2.91 -4.13	90.42 2.89 -56.90	48.77 2.56 -20.37	30.55 2.45 -1.14
HOLTSVILLE_IC_3 23692	19.69 1.34 0.00	18.91 1.28 0.00	15.14 1.12 0.00	12.74 0.98 0.00	12.83 1.03 0.00	14.10 1.05 0.00	17.93 1.49 0.00	19.31 1.57 0.00	19.15 1.61 0.00	17.79 1.50 0.03	22.63 1.93 -1.28	31.73 2.02 -9.25	31.50 2.05 -9.25	43.77 1.98 -22.48	31.36 2.07 -9.30	65.26 2.91 -34.50	28.41 2.68 0.00	34.31 3.25 0.00	35.52 3.19 0.00	37.71 3.31 0.00	37.17 2.91 -4.13	90.42 2.89 -56.90	48.77 2.56 -20.37	30.55 2.45 -1.14
HOLTSVILLE_IC_4 23693	19.69 1.34 0.00	18.91 1.28 0.00	15.14 1.12 0.00	12.74 0.98 0.00	12.83 1.03 0.00	14.10 1.05 0.00	17.93 1.49 0.00	19.31 1.57 0.00	19.15 1.61 0.00	17.79 1.50 0.03	22.63 1.93 -1.28	31.73 2.02 -9.25	31.50 2.05 -9.25	43.77 1.98 -22.48	31.36 2.07 -9.30	65.26 2.91 -34.50	28.41 2.68 0.00	34.31 3.25 0.00	35.52 3.19 0.00	37.71 3.31 0.00	37.17 2.91 -4.13	90.42 2.89 -56.90	48.77 2.56 -20.37	30.55 2.45 -1.14
HOLTSVILLE_IC_5 23694	19.69 1.34 0.00	18.91 1.28 0.00	15.14 1.12 0.00	12.74 0.98 0.00	12.83 1.03 0.00	14.10 1.05 0.00	17.93 1.49 0.00	19.31 1.57 0.00	19.15 1.61 0.00	17.79 1.50 0.03	22.63 1.93 -1.28	31.73 2.02 -9.25	31.50 2.05 -9.25	43.77 1.98 -22.48	31.36 2.07 -9.30	65.26 2.91 -34.50	28.41 2.68 0.00	34.31 3.25 0.00	35.52 3.19 0.00	37.71 3.31 0.00	37.17 2.91 -4.13	90.42 2.89 -56.90	48.77 2.56 -20.37	30.55 2.45 -1.14
HOLTSVILLE_IC_6 23695	19.76 1.41 0.00	18.98 1.35 0.00	15.19 1.18 0.00	12.79 1.03 0.00	12.88 1.07 0.00	14.14 1.09 0.00	17.99 1.55 0.00	19.39 1.64 0.00	19.23 1.69 0.00	17.88 1.59 0.03	22.73 2.03 -1.28	31.85 2.14 -9.25	31.63 2.18 -9.25	43.90 2.11 -22.48	31.51 2.21 -9.30	65.48 3.13 -34.50	28.59 2.87 0.00	34.55 3.49 0.00	35.77 3.44 0.00	37.98 3.58 0.00	37.39 3.12 -4.13	90.62 3.10 -56.90	48.93 2.73 -20.37	30.70 2.60 -1.14
HOLTSVILLE_IC_7 23696	19.76 1.41 0.00	18.98 1.35 0.00	15.19 1.18 0.00	12.79 1.03 0.00	12.88 1.07 0.00	14.14 1.09 0.00	17.99 1.55 0.00	19.39 1.64 0.00	19.23 1.69 0.00	17.88 1.59 0.03	22.73 2.03 -1.28	31.85 2.14 -9.25	31.63 2.18 -9.25	43.90 2.11 -22.48	31.51 2.21 -9.30	65.48 3.13 -34.50	28.59 2.87 0.00	34.55 3.49 0.00	35.77 3.44 0.00	37.98 3.58 0.00	37.39 3.12 -4.13	90.62 3.10 -56.90	48.93 2.73 -20.37	30.70 2.60 -1.14
HOLTSVILLE_IC_8 23697	19.76 1.41 0.00	18.98 1.35 0.00	15.19 1.18 0.00	12.79 1.03 0.00	12.88 1.07 0.00	14.14 1.09 0.00	17.99 1.55 0.00	19.39 1.64 0.00	19.23 1.69 0.00	17.88 1.59 0.03	22.73 2.03 -1.28	31.85 2.14 -9.25	31.63 2.18 -9.25	43.90 2.11 -22.48	31.51 2.21 -9.30	65.48 3.13 -34.50	28.59 2.87 0.00	34.55 3.49 0.00	35.77 3.44 0.00	37.98 3.58 0.00	37.39 3.12 -4.13	90.62 3.10 -56.90	48.93 2.73 -20.37	30.70 2.60 -1.14
HOLTSVILLE_IC_9 23698	19.76 1.41 0.00	18.98 1.35 0.00	15.19 1.18 0.00	12.79 1.03 0.00	12.88 1.07 0.00	14.14 1.09 0.00	17.99 1.55 0.00	19.39 1.64 0.00	19.23 1.69 0.00	17.88 1.59 0.03	22.73 2.03 -1.28	31.85 2.14 -9.25	31.63 2.18 -9.25	43.90 2.11 -22.48	31.51 2.21 -9.30	65.48 3.13 -34.50	28.59 2.87 0.00	34.55 3.49 0.00	35.77 3.44 0.00	37.98 3.58 0.00	37.39 3.12 -4.13	90.62 3.10 -56.90	48.93 2.73 -20.37	30.70 2.60 -1.14
HOMER_HL_115KV_TB2 355744	18.48 0.14 0.00	17.72 0.09 0.00	13.93 -0.08 0.00	11.62 -0.14 0.00	11.73 -0.08 0.00	13.00 -0.05 0.00	16.34 -0.10 0.00	17.73 -0.01 0.00	17.64 0.10 0.00	16.48 0.15 0.00	19.69 0.27 0.00	20.78 0.32 0.00	20.33 0.12 0.00	19.50 0.20 0.00	20.38 0.39 0.00	28.47 0.62 0.00	26.21 0.48 0.00	31.66 0.60 0.00	32.83 0.50 0.00	34.99 0.59 0.00	30.35 0.22 0.00	30.65 0.02 0.00	26.10 0.27 0.00	27.34 0.38 0.00
HOWARD_WT_PWR 323690	18.46 0.11 0.00	17.37 -0.26 0.00	13.47 -0.55 0.00	11.06 -0.70 0.00	11.09 -0.72 0.00	12.33 -0.72 0.00	15.57 -0.87 0.00	17.05 -0.69 0.00	17.03 -0.51 0.00	15.92 -0.40 0.00	19.15 -0.27 0.00	20.25 -0.20 0.00	19.84 -0.36 0.00	19.01 -0.30 0.00	19.86 -0.13 0.00	27.67 -0.18 0.00	25.42 -0.30 0.00	30.84 -0.21 0.00	31.97 -0.36 0.00	34.29 -0.12 0.00	29.73 -0.40 0.00	29.71 -0.92 0.00	24.99 -0.85 0.00	25.95 -1.01 0.00

HQ_GEN_CEDARS 23644	17.86 -0.49 0.00	17.13 -0.50 0.00	13.71 -0.31 0.00	11.69 -0.07 0.00	11.57 -0.24 0.00	12.74 -0.31 0.00	16.03 -0.41 0.00	17.36 -0.39 0.00	17.17 -0.37 0.00	15.97 -0.35 0.00	18.96 -0.46 0.00	19.95 -0.50 0.00	18.63 -0.53 1.04	-7.38 -0.71 25.98	-274.00 -0.80 293.19	-300.22 -1.14 326.92	-122.77 -1.14 147.35	-102.70 -1.54 132.21	-0.98 -1.37 31.93	33.08 -1.32 0.00	12.46 -1.06 16.61	-4.75 -0.86 34.52	-13.36 -0.54 38.66	0.85 -0.50 25.61
HQ_GEN_CEDARS_PROXY 323590	8.98 -0.49 8.88	8.27 -0.50 8.85	6.30 -0.31 7.40	11.69 -0.07 0.00	11.57 -0.24 0.00	6.42 -0.31 6.33	7.99 -0.41 8.04	8.73 -0.39 8.62	8.52 -0.37 8.65	8.01 -0.35 7.96	9.62 -0.46 9.34	10.59 -0.50 9.36	8.60 -0.53 11.07	-15.64 -0.71 34.24	-274.00 -0.80 293.19	-300.22 -1.14 326.92	-122.78 -1.15 147.35	-102.70 -1.55 132.21	-0.98 -1.37 31.93	33.08 -1.32 0.00	12.46 -1.06 16.61	-4.75 -0.86 34.52	-13.36 -0.54 38.66	0.85 -0.50 25.61
HQ_GEN_IMPORT 323601	18.09 -0.25 0.00	17.37 -0.25 0.00	13.86 -0.15 0.00	11.65 -0.10 0.00	11.68 -0.13 0.00	12.90 -0.15 0.00	16.23 -0.21 0.00	17.55 -0.19 0.00	17.36 -0.17 0.00	16.16 -0.16 0.00	19.20 -0.21 0.00	20.24 -0.21 0.00	20.01 -0.23 -0.04	19.48 -0.33 -0.50	23.57 -0.38 -3.96	31.78 -0.55 -4.48	19.33 -0.59 5.81	21.32 -0.79 8.94	23.85 -0.76 7.71	33.63 -0.77 0.00	25.47 -0.65 4.01	21.80 -0.49 8.34	16.06 -0.39 9.38	20.32 -0.27 6.37
HQ_GEN_WHEEL 23651	18.09 -0.25 0.00	17.37 -0.25 0.00	13.86 -0.15 0.00	11.65 -0.10 0.00	11.68 -0.13 0.00	12.90 -0.15 0.00	16.23 -0.21 0.00	17.55 -0.19 0.00	17.36 -0.17 0.00	16.16 -0.16 0.00	19.20 -0.21 0.00	20.24 -0.21 0.00	20.01 -0.23 -0.04	19.48 -0.33 -0.50	23.57 -0.38 -3.96	31.78 -0.55 -4.48	19.33 -0.59 5.81	21.32 -0.79 8.94	23.85 -0.76 7.71	33.63 -0.77 0.00	25.47 -0.65 4.01	21.80 -0.49 8.34	16.06 -0.39 9.38	20.32 -0.27 6.37
HUDSON_AVE_GT_3 23810	19.49 1.15 0.00	18.75 1.12 0.00	14.87 0.86 0.00	12.48 0.72 0.00	12.56 0.75 0.00	13.87 0.83 0.00	17.60 1.16 0.00	19.05 1.30 0.00	18.92 1.38 0.00	17.67 1.34 -0.01	21.11 1.69 0.00	25.23 1.80 -2.98	22.47 1.85 -0.42	23.39 1.83 -2.25	25.77 1.91 -3.87	30.67 2.66 -0.16	28.33 2.60 0.00	34.17 3.12 0.00	35.30 2.98 0.00	37.29 2.89 0.00	32.63 2.50 0.00	33.04 2.41 0.00	27.88 2.05 0.00	28.82 1.86 0.00
HUDSON_AVE_GT_4 23540	19.49 1.15 0.00	18.75 1.12 0.00	14.87 0.86 0.00	12.48 0.72 0.00	12.56 0.75 0.00	13.87 0.83 0.00	17.60 1.16 0.00	19.05 1.30 0.00	18.92 1.38 0.00	17.67 1.34 -0.01	21.11 1.69 0.00	25.23 1.80 -2.98	22.47 1.85 -0.42	23.39 1.83 -2.25	25.77 1.91 -3.87	30.67 2.66 -0.16	28.33 2.60 0.00	34.17 3.12 0.00	35.30 2.98 0.00	37.29 2.89 0.00	32.63 2.50 0.00	33.04 2.41 0.00	27.88 2.05 0.00	28.82 1.86 0.00
HUDSON_AVE_GT_5 23657	19.49 1.15 0.00	18.75 1.12 0.00	14.87 0.86 0.00	12.48 0.72 0.00	12.56 0.75 0.00	13.87 0.83 0.00	17.60 1.16 0.00	19.05 1.30 0.00	18.92 1.38 0.00	17.67 1.34 -0.01	21.11 1.69 0.00	25.23 1.80 -2.98	22.47 1.85 -0.42	23.39 1.83 -2.25	25.77 1.91 -3.87	30.67 2.66 -0.16	28.33 2.60 0.00	34.17 3.12 0.00	35.30 2.98 0.00	37.29 2.89 0.00	32.63 2.50 0.00	33.04 2.41 0.00	27.88 2.05 0.00	28.82 1.86 0.00
HUDSON_AVE_10 24168	19.39 1.04 0.00	18.65 1.02 0.00	14.78 0.77 0.01	12.41 0.65 0.00	12.49 0.68 0.00	13.80 0.75 0.00	17.50 1.06 0.00	18.95 1.21 0.00	18.81 1.27 0.00	17.58 1.23 -0.02	20.99 1.58 0.00	25.10 1.67 -2.98	22.34 1.72 -0.42	23.26 1.70 -2.25	25.64 1.78 -3.87	30.48 2.47 -0.16	28.13 2.41 0.01	33.94 2.89 0.00	35.07 2.75 0.01	37.04 2.64 0.01	32.42 2.30 0.00	32.83 2.21 0.00	27.73 1.90 0.00	28.68 1.71 0.00
HUDSON___115KV_TB 4 355613	19.08 0.73 0.00	18.46 0.83 0.00	14.69 0.67 0.00	12.31 0.56 0.00	12.37 0.56 0.00	13.67 0.62 0.00	17.28 0.84 0.00	18.53 0.78 0.00	18.16 0.62 0.00	16.78 0.45 0.00	19.91 0.49 0.00	21.38 0.49 -0.44	20.79 0.53 -0.06	20.23 0.59 -0.33	21.21 0.65 -0.57	28.77 0.90 -0.02	26.70 0.97 0.00	32.48 1.43 0.00	33.96 1.63 0.00	36.34 1.93 0.00	31.91 1.78 0.00	32.21 1.58 0.00	27.07 1.23 0.00	28.01 1.05 0.00
HUNTER MOUNT___DRP 323613	19.14 0.80 0.00	18.52 0.90 0.00	14.74 0.72 0.00	12.36 0.60 0.00	12.41 0.60 0.00	13.72 0.67 0.00	17.34 0.90 0.00	18.57 0.83 0.00	18.16 0.63 0.00	16.75 0.42 0.00	19.86 0.44 0.00	20.89 0.43 0.00	20.68 0.48 0.00	19.86 0.55 0.00	20.60 0.61 0.00	28.73 0.87 0.00	26.70 0.98 0.00	32.54 1.49 0.00	34.07 1.75 0.00	36.51 2.11 0.00	32.08 1.95 0.00	32.36 1.73 0.00	27.17 1.34 0.00	28.11 1.15 0.00
HUNTINGTON_RES_REC 323705	19.67 1.33 0.00	18.89 1.26 0.00	15.08 1.07 0.00	12.70 0.94 0.00	12.79 0.98 0.00	14.05 1.00 0.00	17.86 1.42 0.00	19.24 1.50 0.00	19.06 1.52 0.00	17.73 1.43 0.03	22.63 1.93 -1.28	31.74 2.03 -9.25	31.52 2.07 -9.25	43.80 2.02 -22.48	31.43 2.13 -9.30	65.33 2.98 -34.50	28.48 2.76 0.00	34.41 3.36 0.00	35.61 3.29 0.00	37.79 3.39 0.00	37.22 2.95 -4.13	90.52 3.00 -56.90	48.85 2.64 -20.37	30.57 2.48 -1.14
HUNTLEY___63 23557	18.15 -0.20 0.00	17.25 -0.38 0.00	13.51 -0.50 0.00	11.26 -0.50 0.00	11.33 -0.49 0.00	12.61 -0.44 0.00	15.72 -0.72 0.00	17.05 -0.69 0.00	16.75 -0.79 0.00	15.69 -0.63 0.00	18.80 -0.61 0.00	19.82 -0.64 0.00	19.54 -0.66 0.00	18.92 -0.39 0.00	19.67 -0.32 0.00	27.56 -0.30 0.00	25.38 -0.35 -0.01	30.57 -0.51 -0.03	32.01 -0.32 0.00	34.36 -0.04 0.00	29.81 -0.32 0.00	30.16 -0.47 0.00	25.80 -0.04 0.00	27.25 0.29 0.00
HUNTLEY___64 23558	18.15 -0.20 0.00	17.25 -0.38 0.00	13.51 -0.50 0.00	11.26 -0.50 0.00	11.33 -0.49 0.00	12.61 -0.44 0.00	15.72 -0.72 0.00	17.05 -0.69 0.00	16.75 -0.79 0.00	15.69 -0.63 0.00	18.80 -0.61 0.00	19.82 -0.64 0.00	19.54 -0.66 0.00	18.92 -0.39 0.00	19.67 -0.32 0.00	27.56 -0.30 0.00	25.38 -0.35 -0.01	30.57 -0.51 -0.03	32.01 -0.32 0.00	34.36 -0.04 0.00	29.81 -0.32 0.00	30.16 -0.47 0.00	25.80 -0.04 0.00	27.25 0.29 0.00
HUNTLEY___65 23559	18.15 -0.20 0.00	17.25 -0.38 0.00	13.51 -0.50 0.00	11.26 -0.50 0.00	11.33 -0.49 0.00	12.61 -0.44 0.00	15.72 -0.72 0.00	17.05 -0.69 0.00	16.75 -0.79 0.00	15.69 -0.63 0.00	18.80 -0.61 0.00	19.82 -0.64 0.00	19.54 -0.66 0.00	18.92 -0.39 0.00	19.67 -0.32 0.00	27.56 -0.30 0.00	25.38 -0.35 -0.01	30.57 -0.51 -0.03	32.01 -0.32 0.00	34.36 -0.04 0.00	29.81 -0.32 0.00	30.16 -0.47 0.00	25.80 -0.04 0.00	27.25 0.29 0.00
HUNTLEY___66 23560	18.15 -0.20 0.00	17.25 -0.38 0.00	13.51 -0.50 0.00	11.26 -0.50 0.00	11.33 -0.49 0.00	12.61 -0.44 0.00	15.72 -0.72 0.00	17.05 -0.69 0.00	16.75 -0.79 0.00	15.69 -0.63 0.00	18.80 -0.61 0.00	19.82 -0.64 0.00	19.54 -0.66 0.00	18.92 -0.39 0.00	19.67 -0.32 0.00	27.56 -0.30 0.00	25.38 -0.35 -0.01	30.57 -0.51 -0.03	32.01 -0.32 0.00	34.36 -0.04 0.00	29.81 -0.32 0.00	30.16 -0.47 0.00	25.80 -0.04 0.00	27.25 0.29 0.00

HUNTLEY___67 23561	18.02 -0.32 0.00	17.14 -0.48 0.00	13.43 -0.58 0.00	11.19 -0.57 0.00	11.26 -0.55 0.00	12.53 -0.52 0.00	15.62 -0.82 0.00	16.93 -0.81 0.00	16.67 -0.87 0.00	15.62 -0.70 0.00	18.73 -0.68 0.00	19.74 -0.71 0.00	19.45 -0.75 0.00	18.80 -0.51 0.00	19.54 -0.45 0.00	27.36 -0.49 0.00	25.20 -0.53 0.00	30.30 -0.75 0.00	31.73 -0.60 0.00	34.04 -0.36 0.00	29.54 -0.58 0.00	29.89 -0.74 0.00	25.52 -0.31 0.00	26.96 -0.01 0.00
HUNTLEY___68 23562	18.02 -0.32 0.00	17.14 -0.48 0.00	13.43 -0.58 0.00	11.19 -0.57 0.00	11.26 -0.55 0.00	12.53 -0.52 0.00	15.62 -0.82 0.00	16.93 -0.81 0.00	16.67 -0.87 0.00	15.62 -0.70 0.00	18.73 -0.68 0.00	19.74 -0.71 0.00	19.45 -0.75 0.00	18.80 -0.51 0.00	19.54 -0.45 0.00	27.36 -0.49 0.00	25.20 -0.53 0.00	30.30 -0.75 0.00	31.73 -0.60 0.00	34.04 -0.36 0.00	29.54 -0.58 0.00	29.89 -0.74 0.00	25.52 -0.31 0.00	26.96 -0.01 0.00
HYLAND___LFGE 323620	18.96 0.61 0.00	17.99 0.36 0.00	14.09 0.08 0.00	11.70 -0.06 0.00	11.77 -0.04 0.00	13.08 0.04 0.00	16.47 0.04 0.00	17.73 -0.02 0.00	17.24 -0.30 0.00	16.13 -0.19 0.00	19.32 -0.09 0.00	20.44 -0.01 0.00	20.11 -0.08 0.00	19.31 0.01 0.00	19.98 -0.01 0.00	27.51 -0.34 0.00	25.19 -0.54 0.00	30.51 -0.54 0.00	31.95 -0.37 0.00	34.65 0.24 0.00	30.70 0.57 0.00	31.09 0.46 0.00	26.81 0.98 0.00	28.13 1.17 0.00
INDECK___CORINTH 23802	19.05 0.70 0.00	18.33 0.70 0.00	14.54 0.53 0.00	12.19 0.43 0.00	12.28 0.46 0.00	13.58 0.54 0.00	17.23 0.79 0.00	18.55 0.80 0.00	18.25 0.70 0.00	16.90 0.58 0.00	20.08 0.66 0.00	21.65 0.73 -0.47	20.98 0.71 -0.06	20.43 0.77 -0.35	21.43 0.84 -0.61	29.20 1.33 -0.03	26.97 1.25 0.00	32.82 1.76 0.00	34.14 1.81 0.00	36.15 1.75 0.00	31.92 1.79 0.00	32.25 1.62 0.00	27.29 1.46 0.00	28.25 1.29 0.00
INDECK___ILION 23567	18.54 0.19 0.00	17.85 0.22 0.00	14.17 0.15 0.00	11.88 0.12 0.00	11.94 0.13 0.00	13.19 0.14 0.00	16.66 0.22 0.00	17.94 0.19 0.00	17.67 0.13 0.00	16.38 0.06 0.00	19.54 0.12 0.00	20.57 0.12 0.00	20.29 0.11 0.02	19.15 0.16 0.31	17.07 0.21 3.12	24.12 0.27 4.00	26.46 0.38 -0.35	32.87 0.58 -1.24	34.54 0.55 -1.67	35.01 0.60 0.00	31.59 0.59 -0.87	32.90 0.46 -1.81	28.20 0.33 -2.03	28.54 0.19 -1.38
INDECK___OLEAN 23982	18.48 0.14 0.00	17.72 0.09 0.00	13.93 -0.08 0.00	11.62 -0.14 0.00	11.73 -0.08 0.00	13.00 -0.05 0.00	16.34 -0.10 0.00	17.74 -0.01 0.00	17.64 0.10 0.00	16.48 0.16 0.00	19.69 0.28 0.00	20.78 0.33 0.00	20.33 0.13 0.00	19.51 0.20 0.00	20.38 0.39 0.00	28.47 0.61 0.00	26.23 0.50 0.00	31.67 0.61 0.00	32.83 0.50 0.00	34.99 0.59 0.00	30.35 0.22 0.00	30.64 0.01 0.00	26.10 0.26 0.00	27.35 0.38 0.00
INDECK___OSWEGO 23783	18.09 -0.25 0.00	17.37 -0.26 0.00	13.76 -0.25 0.00	11.53 -0.23 0.00	11.59 -0.22 0.00	12.80 -0.25 0.00	16.09 -0.35 0.00	17.32 -0.43 0.00	17.14 -0.40 0.00	15.95 -0.37 0.00	18.97 -0.45 0.00	19.92 -0.53 0.00	19.66 -0.51 0.03	18.05 -0.42 0.84	10.13 -0.41 9.45	16.64 -0.64 10.57	20.46 -0.64 4.63	26.39 -0.57 4.09	30.73 -0.69 0.91	33.65 -0.75 0.00	28.99 -0.67 0.47	28.88 -0.77 0.98	24.16 -0.57 1.10	25.72 -0.49 0.75
INDECK___YERKES 23781	18.17 -0.18 0.00	17.27 -0.36 0.00	13.53 -0.48 0.00	11.26 -0.49 0.00	11.34 -0.47 0.00	12.62 -0.42 0.00	15.74 -0.70 0.00	17.08 -0.67 0.00	16.77 -0.77 0.00	15.71 -0.61 0.00	18.83 -0.59 0.00	19.85 -0.60 0.00	19.57 -0.63 0.00	18.96 -0.35 0.00	19.71 -0.28 0.00	27.60 -0.25 0.00	25.44 -0.30 -0.01	30.64 -0.44 -0.03	32.05 -0.28 0.00	34.41 0.01 0.00	29.85 -0.28 0.00	30.20 -0.43 0.00	25.84 0.00 0.00	27.30 0.34 0.00
INDIAN POINT_GT_1 24139	19.27 0.92 0.00	18.54 0.91 0.00	14.72 0.70 0.00	12.34 0.59 0.00	12.43 0.61 0.00	13.73 0.68 0.00	17.41 0.97 0.00	18.83 1.08 0.00	18.67 1.13 0.00	17.40 1.07 0.00	20.78 1.36 0.00	25.40 1.44 -3.50	22.17 1.48 -0.49	23.43 1.47 -2.65	26.08 1.54 -4.55	30.21 2.17 -0.19	27.87 2.14 0.00	33.68 2.62 0.00	34.85 2.52 0.00	36.85 2.45 0.00	32.24 2.11 0.00	32.60 1.98 0.00	27.49 1.65 0.00	28.45 1.48 0.00
INDIAN POINT_GT_2 23659	19.27 0.92 0.00	18.54 0.91 0.00	14.72 0.70 0.00	12.34 0.59 0.00	12.43 0.61 0.00	13.73 0.68 0.00	17.41 0.97 0.00	18.83 1.08 0.00	18.67 1.13 0.00	17.40 1.07 0.00	20.78 1.36 0.00	25.40 1.44 -3.50	22.17 1.48 -0.49	23.43 1.47 -2.65	26.08 1.54 -4.55	30.21 2.17 -0.19	27.87 2.14 0.00	33.68 2.62 0.00	34.85 2.52 0.00	36.85 2.45 0.00	32.24 2.11 0.00	32.60 1.98 0.00	27.49 1.65 0.00	28.45 1.48 0.00
INDIAN POINT_GT_3 24019	19.27 0.92 0.00	18.54 0.91 0.00	14.72 0.70 0.00	12.34 0.59 0.00	12.43 0.61 0.00	13.73 0.68 0.00	17.41 0.97 0.00	18.83 1.08 0.00	18.67 1.13 0.00	17.40 1.07 0.00	20.78 1.36 0.00	25.40 1.44 -3.50	22.17 1.48 -0.49	23.43 1.47 -2.65	26.08 1.54 -4.55	30.21 2.17 -0.19	27.87 2.14 0.00	33.68 2.62 0.00	34.85 2.52 0.00	36.85 2.45 0.00	32.24 2.11 0.00	32.60 1.98 0.00	27.49 1.65 0.00	28.45 1.48 0.00
INDIAN POINT___2 23530	19.24 0.89 0.00	18.51 0.88 0.00	14.69 0.68 0.00	12.32 0.57 0.00	12.40 0.60 0.00	13.71 0.66 0.00	17.37 0.93 0.00	18.80 1.05 0.00	18.64 1.10 0.00	17.37 1.05 0.00	20.75 1.33 0.00	26.59 1.41 -4.73	22.31 1.44 -0.67	24.32 1.44 -3.57	27.63 1.50 -6.14	30.22 2.12 -0.25	27.83 2.10 0.00	33.63 2.57 0.00	34.78 2.45 0.00	36.78 2.38 0.00	32.18 2.05 0.00	32.55 1.92 0.00	27.43 1.60 0.00	28.40 1.43 0.00
INDIAN POINT___3 23531	19.25 0.91 0.00	18.52 0.89 0.00	14.70 0.68 0.00	12.33 0.57 0.00	12.41 0.60 0.00	13.71 0.67 0.00	17.38 0.94 0.00	18.80 1.06 0.00	18.64 1.10 0.00	17.37 1.05 0.00	20.74 1.32 0.00	25.45 1.41 -3.60	22.14 1.44 -0.51	23.45 1.43 -2.72	26.15 1.49 -4.67	30.14 2.10 -0.19	27.81 2.09 0.00	33.60 2.55 0.00	34.77 2.44 0.00	36.78 2.37 0.00	32.17 2.04 0.00	32.53 1.90 0.00	27.42 1.59 0.00	28.39 1.42 0.00
INGHAM_C_115KV_TB7 356103	18.60 0.25 0.00	17.95 0.32 0.00	14.22 0.21 0.00	11.91 0.16 0.00	12.00 0.18 0.00	13.25 0.20 0.00	16.77 0.33 0.00	17.99 0.25 0.00	17.67 0.13 0.00	16.30 -0.02 0.00	19.49 0.07 0.00	20.50 0.05 0.00	20.22 0.04 0.02	19.11 0.12 0.31	17.07 0.20 3.12	24.05 0.20 4.00	26.52 0.43 -0.35	33.08 0.78 -1.24	34.72 0.73 -1.67	35.25 0.85 0.00	31.91 0.91 -0.87	33.10 0.66 -1.81	28.31 0.45 -2.03	28.54 0.20 -1.38
IP CORINTH___1 23988	19.15 0.80 0.00	18.42 0.80 0.00	14.62 0.60 0.00	12.25 0.49 0.00	12.34 0.53 0.00	13.65 0.61 0.00	17.32 0.88 0.00	18.64 0.90 0.00	18.34 0.80 0.00	16.98 0.66 0.00	20.17 0.76 0.00	21.76 0.85 -0.47	21.10 0.83 -0.06	20.54 0.89 -0.35	21.55 0.96 -0.61	29.37 1.50 -0.03	27.12 1.40 0.00	33.01 1.95 0.00	34.33 2.01 0.00	36.36 1.95 0.00	32.10 1.97 0.00	32.42 1.79 0.00	27.44 1.61 0.00	28.40 1.44 0.00

IP___TICONDEROGA 23804	20.03 1.69 0.00	19.26 1.64 0.00	15.25 1.24 0.00	12.78 1.03 0.00	12.89 1.08 0.00	14.30 1.26 0.00	18.16 1.72 0.00	19.44 1.70 0.00	19.11 1.57 0.00	17.68 1.36 0.00	21.02 1.60 0.00	22.67 1.75 -0.47	21.98 1.71 -0.07	21.41 1.76 -0.36	22.44 1.84 -0.61	30.73 2.85 -0.03	28.46 2.73 0.00	34.86 3.81 0.00	36.28 3.96 0.00	38.55 4.15 0.00	34.01 3.88 0.00	34.40 3.77 0.00	28.98 3.15 0.00	29.93 2.97 0.00
ISLIP_RES_REC 323679	19.83 1.49 0.00	19.05 1.42 0.00	15.23 1.22 0.00	12.82 1.07 0.00	12.92 1.11 0.00	14.19 1.14 0.00	18.06 1.62 0.00	19.47 1.72 0.00	19.32 1.78 0.00	17.97 1.67 0.03	22.84 2.14 -1.28	31.97 2.26 -9.25	31.76 2.31 -9.25	44.03 2.25 -22.48	31.65 2.35 -9.30	65.69 3.34 -34.50	28.80 3.08 0.00	34.80 3.74 0.00	36.02 3.70 0.00	38.24 3.84 0.00	37.60 3.33 -4.13	90.82 3.30 -56.90	49.09 2.88 -20.37	30.84 2.74 -1.14
JAMAICA__27_KV_LOAD 355505	19.46 1.12 0.00	18.73 1.10 0.00	14.82 0.81 0.01	12.44 0.69 0.00	12.53 0.72 0.00	13.85 0.81 0.00	17.58 1.14 0.00	19.04 1.30 0.00	18.89 1.34 0.00	17.65 1.30 -0.03	21.11 1.69 0.00	25.22 1.79 -2.98	22.47 1.84 -0.42	23.36 1.81 -2.25	25.76 1.90 -3.87	30.63 2.62 -0.16	28.24 2.52 0.01	34.08 3.03 0.00	35.19 2.87 0.01	37.18 2.78 0.01	32.56 2.43 0.00	33.00 2.37 0.00	27.94 2.11 0.00	28.92 1.96 0.00
JANIS___SOLAR 323808	19.13 0.78 0.00	18.26 0.64 0.00	14.45 0.43 0.00	12.08 0.33 0.00	12.17 0.36 0.00	13.47 0.43 0.00	17.05 0.61 0.00	18.11 0.37 0.00	17.73 0.19 0.00	16.45 0.13 0.00	19.53 0.11 0.00	20.42 -0.03 0.00	20.14 -0.06 0.00	19.30 0.00 0.00	20.20 0.21 0.00	28.25 0.39 0.00	26.11 0.38 0.00	32.33 1.27 0.00	33.83 1.51 0.00	36.34 1.94 0.00	31.72 1.59 0.00	32.03 1.40 0.00	26.92 1.08 0.00	27.95 0.98 0.00
JARVIS____ 23743	18.46 0.11 0.00	17.75 0.12 0.00	14.10 0.08 0.00	11.82 0.06 0.00	11.88 0.07 0.00	13.13 0.08 0.00	16.56 0.12 0.00	17.85 0.11 0.00	17.64 0.10 0.00	16.40 0.08 0.00	19.52 0.11 0.00	20.55 0.10 0.00	20.29 0.10 0.02	19.13 0.14 0.31	17.02 0.16 3.12	24.07 0.22 4.00	26.32 0.23 -0.35	32.61 0.31 -1.24	34.29 0.29 -1.67	34.71 0.31 0.00	31.26 0.27 -0.87	32.64 0.21 -1.81	28.02 0.15 -2.03	28.45 0.11 -1.38
JENNISON___1 23625	19.15 0.80 0.00	18.25 0.62 0.00	14.46 0.44 0.00	12.12 0.37 0.00	12.19 0.38 0.00	13.47 0.43 0.00	17.07 0.63 0.00	18.72 0.97 0.00	18.36 0.82 0.00	17.08 0.76 0.00	20.45 1.04 0.00	21.49 1.04 0.00	21.13 0.93 0.00	20.22 0.92 0.00	21.03 1.03 0.00	29.21 1.36 0.00	26.98 1.26 0.00	32.62 1.57 0.00	34.02 1.70 0.00	36.27 1.86 0.00	31.35 1.23 0.00	31.64 1.01 0.00	26.61 0.77 0.00	27.59 0.62 0.00
JENNISON___2 23626	19.15 0.80 0.00	18.25 0.62 0.00	14.46 0.44 0.00	12.12 0.37 0.00	12.19 0.38 0.00	13.47 0.43 0.00	17.07 0.63 0.00	18.72 0.97 0.00	18.36 0.82 0.00	17.08 0.76 0.00	20.45 1.04 0.00	21.49 1.04 0.00	21.13 0.93 0.00	20.22 0.92 0.00	21.03 1.03 0.00	29.21 1.36 0.00	26.98 1.26 0.00	32.62 1.57 0.00	34.02 1.70 0.00	36.27 1.86 0.00	31.35 1.23 0.00	31.64 1.01 0.00	26.61 0.77 0.00	27.59 0.62 0.00
JERICHO_RISE_WT_PWR 323719	18.03 -0.31 0.00	17.20 -0.43 0.00	13.73 -0.29 0.00	11.59 -0.17 0.00	11.65 -0.16 0.00	12.85 -0.19 0.00	16.22 -0.22 0.00	17.54 -0.20 0.00	17.28 -0.26 0.00	16.05 -0.27 0.00	19.04 -0.38 0.00	19.94 -0.51 0.00	19.56 -0.53 0.11	14.23 -0.80 4.28	-34.95 -0.97 53.97	-26.84 -1.42 53.26	-28.32 -1.11 52.93	-29.83 -0.99 59.90	-1.09 -0.54 32.88	33.83 -0.57 0.00	12.41 -0.61 17.10	-6.14 -1.23 35.54	-20.06 -1.42 44.47	-21.69 -1.36 47.30
KATONAH___115KV_46KV_TB4 355592	19.38 1.03 0.00	18.63 1.00 0.00	14.78 0.77 0.00	12.40 0.65 0.00	12.48 0.67 0.00	13.80 0.75 0.00	17.50 1.07 0.00	18.94 1.20 0.00	18.78 1.23 0.00	17.50 1.18 0.00	20.91 1.49 0.00	23.89 1.59 -1.85	22.08 1.62 -0.26	22.33 1.63 -1.40	24.10 1.70 -2.41	30.38 2.43 -0.10	28.11 2.39 0.00	33.97 2.92 0.00	35.17 2.85 0.00	37.20 2.81 0.00	32.53 2.40 0.00	32.87 2.24 0.00	27.70 1.86 0.00	28.65 1.68 0.00
KCE_NY_1 323755	19.22 0.87 0.00	18.49 0.86 0.00	14.69 0.67 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.70 0.66 0.00	17.37 0.93 0.00	18.69 0.94 0.00	18.39 0.85 0.00	17.01 0.69 0.00	20.22 0.80 0.00	21.82 0.90 -0.47	21.17 0.90 -0.07	20.60 0.94 -0.36	21.61 1.01 -0.61	29.38 1.50 -0.03	27.22 1.50 0.00	33.07 2.01 0.00	34.42 2.10 0.00	36.60 2.19 0.00	32.13 2.00 0.00	32.44 1.81 0.00	27.35 1.51 0.00	28.33 1.36 0.00
KCE_NY_6_ESR 323823	18.25 -0.09 0.00	17.36 -0.27 0.00	13.59 -0.42 0.00	11.30 -0.46 0.00	11.38 -0.43 0.00	12.66 -0.39 0.00	15.81 -0.63 0.00	17.16 -0.59 0.00	16.94 -0.60 0.00	15.87 -0.45 0.00	19.05 -0.37 0.00	20.08 -0.38 0.00	19.78 -0.42 0.00	19.10 -0.20 0.00	19.89 -0.10 0.00	27.86 0.01 0.00	25.72 -0.01 0.00	30.95 -0.11 -0.01	32.29 -0.03 0.00	34.62 0.22 0.00	30.06 -0.07 0.00	30.36 -0.27 0.00	25.87 0.04 0.00	27.24 0.28 0.00
KEDC_PORT_JEFF_GT2 24210	19.72 1.37 0.00	18.93 1.31 0.00	15.16 1.15 0.00	12.76 1.00 0.00	12.85 1.04 0.00	14.11 1.06 0.00	17.95 1.51 0.00	19.34 1.59 0.00	19.18 1.64 0.00	17.82 1.53 0.03	22.69 1.99 -1.28	31.80 2.09 -9.25	31.58 2.13 -9.25	43.86 2.07 -22.48	31.47 2.17 -9.30	65.38 3.03 -34.50	28.34 2.62 0.00	34.21 3.16 0.00	35.46 3.14 0.00	37.80 3.40 0.00	37.22 2.96 -4.13	90.43 2.90 -56.90	48.80 2.60 -20.37	30.62 2.53 -1.14
KEDC_PORT_JEFF_GT3 24211	19.72 1.37 0.00	18.93 1.31 0.00	15.16 1.15 0.00	12.76 1.00 0.00	12.85 1.04 0.00	14.11 1.06 0.00	17.95 1.51 0.00	19.34 1.59 0.00	19.18 1.64 0.00	17.82 1.53 0.03	22.69 1.99 -1.28	31.80 2.09 -9.25	31.58 2.13 -9.25	43.86 2.07 -22.48	31.47 2.17 -9.30	65.38 3.03 -34.50	28.34 2.62 0.00	34.21 3.16 0.00	35.46 3.14 0.00	37.80 3.40 0.00	37.22 2.96 -4.13	90.43 2.90 -56.90	48.80 2.60 -20.37	30.62 2.53 -1.14
KEDC_GLWD_GT4 24219	19.57 1.22 0.00	18.79 1.17 0.00	14.94 0.93 0.00	12.55 0.80 0.00	12.64 0.83 0.00	13.93 0.88 0.00	17.67 1.24 0.00	19.11 1.37 0.00	18.95 1.41 0.00	17.67 1.36 0.01	22.50 1.80 -1.28	31.61 1.91 -9.25	31.39 1.94 -9.25	43.70 1.91 -22.48	31.28 1.98 -9.30	64.97 2.62 -34.50	28.29 2.56 0.00	34.15 3.10 0.00	35.31 2.98 0.00	37.34 2.93 0.00	36.81 2.54 -4.13	90.09 2.56 -56.90	48.37 2.16 -20.37	30.16 2.06 -1.14
KEDC_GLWD_GT5 24220	19.57 1.22 0.00	18.79 1.17 0.00	14.94 0.93 0.00	12.55 0.80 0.00	12.64 0.83 0.00	13.93 0.88 0.00	17.67 1.24 0.00	19.11 1.37 0.00	18.95 1.41 0.00	17.67 1.36 0.01	22.50 1.80 -1.28	31.61 1.91 -9.25	31.39 1.94 -9.25	43.70 1.91 -22.48	31.28 1.98 -9.30	64.97 2.62 -34.50	28.29 2.56 0.00	34.15 3.10 0.00	35.31 2.98 0.00	37.34 2.93 0.00	36.81 2.54 -4.13	90.09 2.56 -56.90	48.37 2.16 -20.37	30.16 2.06 -1.14

KENSICO____ 23655	19.33 0.99 0.00	18.59 0.97 0.00	14.76 0.74 0.00	12.38 0.63 0.00	12.46 0.65 0.00	13.77 0.73 0.00	17.46 1.02 0.00	18.89 1.15 0.00	18.73 1.19 0.00	17.46 1.14 0.00	20.85 1.44 0.00	25.17 1.53 -3.19	22.21 1.56 -0.45	23.27 1.55 -2.41	25.76 1.62 -4.14	30.30 2.28 -0.17	27.97 2.24 0.00	33.78 2.73 0.00	34.95 2.63 0.00	36.96 2.56 0.00	32.34 2.21 0.00	32.72 2.09 0.00	27.58 1.75 0.00	28.54 1.58 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.28 0.94 0.00	18.51 0.88 0.00	14.68 0.66 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.71 0.66 0.00	17.38 0.95 0.00	18.83 1.09 0.00	18.66 1.12 0.00	17.34 1.03 0.00	20.68 1.26 0.00	21.77 1.32 0.00	21.51 1.31 0.00	20.51 1.20 0.00	21.30 1.31 0.00	29.77 1.92 0.00	27.72 1.99 0.00	33.54 2.48 0.00	34.84 2.52 0.00	36.92 2.52 0.00	32.32 2.19 0.00	32.89 2.26 0.00	27.66 1.82 0.00	28.60 1.63 0.00
KIAC_JFK_GT1 23816	19.35 1.01 0.00	18.63 1.00 0.00	14.74 0.73 0.01	12.38 0.62 0.00	12.46 0.65 0.00	13.78 0.74 0.00	17.48 1.04 0.00	18.91 1.17 0.00	18.75 1.21 0.00	17.52 1.18 -0.03	20.94 1.53 0.00	25.05 1.61 -2.98	22.27 1.65 -0.42	23.12 1.57 -2.25	25.50 1.64 -3.87	30.26 2.25 -0.16	27.91 2.18 0.01	33.67 2.62 0.00	34.77 2.46 0.01	36.74 2.35 0.01	32.17 2.04 0.00	32.61 1.98 0.00	27.71 1.88 0.00	28.68 1.72 0.00
KIAC_JFK_GT2 23817	19.35 1.01 0.00	18.63 1.00 0.00	14.74 0.73 0.01	12.38 0.62 0.00	12.46 0.65 0.00	13.78 0.74 0.00	17.48 1.04 0.00	18.91 1.17 0.00	18.75 1.21 0.00	17.52 1.18 -0.03	20.94 1.53 0.00	25.05 1.61 -2.98	22.27 1.65 -0.42	23.12 1.57 -2.25	25.50 1.64 -3.87	30.26 2.25 -0.16	27.91 2.18 0.01	33.67 2.62 0.00	34.77 2.46 0.01	36.74 2.35 0.01	32.17 2.04 0.00	32.61 1.98 0.00	27.71 1.88 0.00	28.68 1.72 0.00
KIAC_JFK____ 323774	19.35 1.00 0.00	18.63 1.00 0.00	14.74 0.73 0.01	12.38 0.62 0.00	12.46 0.65 0.00	13.78 0.73 0.00	17.48 1.04 0.00	18.91 1.17 0.00	18.75 1.21 0.00	17.52 1.18 -0.03	20.94 1.53 0.00	25.04 1.61 -2.98	22.27 1.65 -0.42	23.12 1.57 -2.25	25.50 1.64 -3.87	30.26 2.25 -0.16	27.91 2.18 0.01	33.67 2.61 0.00	34.77 2.46 0.01	36.74 2.35 0.01	32.17 2.04 0.00	32.61 1.98 0.00	27.71 1.88 0.00	28.68 1.72 0.00
KINTIGH____ 23543	17.96 -0.39 0.00	17.13 -0.50 0.00	13.46 -0.56 0.00	11.23 -0.53 0.00	11.30 -0.51 0.00	12.55 -0.49 0.00	15.68 -0.76 0.00	16.97 -0.77 0.00	16.71 -0.83 0.00	15.64 -0.68 0.00	18.70 -0.71 0.00	19.72 -0.74 0.00	19.43 -0.77 0.00	18.76 -0.54 0.00	19.48 -0.51 0.00	27.26 -0.59 0.00	25.10 -0.62 0.00	30.23 -0.82 0.00	31.65 -0.67 0.00	33.94 -0.46 0.00	29.49 -0.64 0.00	29.86 -0.77 0.00	25.46 -0.37 0.00	26.85 -0.12 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.45 0.10 0.00	17.54 -0.08 0.00	13.96 -0.06 0.00	11.76 0.00 0.00	11.86 0.05 0.00	13.08 0.04 0.00	16.55 0.11 0.00	17.81 0.07 0.00	17.47 -0.07 0.00	16.20 -0.12 0.00	19.19 -0.22 0.00	20.04 -0.41 0.00	19.77 -0.36 0.07	15.39 -0.67 3.25	-23.57 -0.84 42.72	-13.81 -1.38 40.29	-23.96 -0.84 48.85	-26.27 -0.34 56.99	-0.59 0.38 33.30	34.88 0.48 0.00	13.06 0.25 17.32	-6.14 -0.78 36.00	-20.30 -1.35 44.79	-21.28 -1.46 46.78
LACHUTE__HYDRO 323717	20.03 1.69 0.00	19.26 1.64 0.00	15.25 1.23 0.00	12.78 1.03 0.00	12.89 1.08 0.00	14.30 1.26 0.00	18.16 1.72 0.00	19.44 1.70 0.00	19.12 1.58 0.00	17.68 1.36 0.00	21.02 1.60 0.00	22.67 1.75 -0.47	21.98 1.71 -0.07	21.41 1.75 -0.36	22.44 1.84 -0.61	30.72 2.85 -0.03	28.46 2.74 0.00	34.86 3.81 0.00	36.28 3.95 0.00	38.55 4.15 0.00	34.01 3.88 0.00	34.40 3.77 0.00	28.98 3.15 0.00	29.93 2.97 0.00
LAWRNCV_115KV_TB1 80681	17.87 -0.48 0.00	17.11 -0.52 0.00	13.70 -0.31 0.00	11.67 -0.09 0.00	11.56 -0.25 0.00	12.74 -0.31 0.00	16.03 -0.41 0.00	17.34 -0.40 0.00	17.16 -0.38 0.00	15.93 -0.39 0.00	18.89 -0.52 0.00	19.84 -0.61 0.00	18.72 -0.66 0.82	-2.20 -0.93 20.57	-213.79 -1.04 232.74	-232.40 -1.44 258.80	-95.32 -1.43 119.63	-79.44 -1.89 108.61	2.53 -1.67 28.13	32.81 -1.59 0.00	14.21 -1.28 14.64	-0.88 -1.10 30.41	-8.52 -0.65 33.71	5.37 -0.57 21.02
LEDERLE____ 23769	19.31 0.96 0.00	18.57 0.94 0.00	14.73 0.72 0.00	12.36 0.60 0.00	12.44 0.63 0.00	13.75 0.70 0.00	17.43 0.99 0.00	18.86 1.12 0.00	18.71 1.17 0.00	17.44 1.12 0.00	20.83 1.41 0.00	17.61 1.51 4.35	21.14 1.55 0.61	17.55 1.53 3.29	15.94 1.60 5.65	29.90 2.29 0.23	27.99 2.26 0.00	33.85 2.79 0.00	34.99 2.66 0.00	36.99 2.59 0.00	32.34 2.21 0.00	32.68 2.05 0.00	27.53 1.70 0.00	28.49 1.53 0.00
LIGHTRSE_115KV_TB6 355974	18.21 -0.13 0.00	17.47 -0.15 0.00	13.84 -0.17 0.00	11.59 -0.17 0.00	11.63 -0.18 0.00	12.85 -0.19 0.00	16.19 -0.25 0.00	17.41 -0.33 0.00	17.30 -0.24 0.00	16.08 -0.24 0.00	19.07 -0.35 0.00	19.95 -0.50 0.00	19.57 -0.55 0.08	16.78 -0.52 2.00	-3.00 -0.38 22.60	2.20 -0.45 25.20	13.87 -0.50 11.36	20.33 -0.53 10.20	29.36 -0.49 2.47	34.09 -0.32 0.00	28.58 -0.26 1.28	27.57 -0.40 2.67	22.54 -0.29 3.00	24.56 -0.37 2.04
LINDEN COGEN____ 23786	19.36 1.02 0.00	18.63 1.00 0.00	14.78 0.77 0.00	12.40 0.64 0.00	12.48 0.67 0.00	13.80 0.75 0.00	17.49 1.05 0.00	18.92 1.18 0.00	18.79 1.25 0.00	17.54 1.21 -0.01	20.95 1.54 0.00	25.06 1.63 -2.98	22.30 1.68 -0.42	23.22 1.66 -2.25	25.60 1.74 -3.87	30.43 2.42 -0.16	28.13 2.40 0.00	33.92 2.87 0.00	35.04 2.72 0.00	37.00 2.60 0.00	32.39 2.26 0.00	32.79 2.16 0.00	27.66 1.83 0.00	28.60 1.63 0.00
LINDHRST_69_KV_BK1 356055	19.86 1.52 0.00	19.05 1.43 0.00	15.19 1.18 0.00	12.78 1.02 0.00	12.86 1.05 0.00	14.14 1.10 0.00	17.98 1.54 0.00	19.40 1.66 0.00	19.23 1.69 0.00	17.87 1.58 0.03	22.77 2.08 -1.28	31.89 2.19 -9.25	31.66 2.21 -9.25	43.94 2.15 -22.48	31.53 2.23 -9.30	65.51 3.16 -34.50	28.76 3.04 0.00	34.74 3.69 0.00	35.93 3.60 0.00	38.07 3.67 0.00	37.48 3.22 -4.13	90.77 3.25 -56.90	49.01 2.80 -20.37	30.75 2.65 -1.14
LIPA_MISC_IPP 23656	19.65 1.30 0.00	18.87 1.25 0.00	15.16 1.15 0.00	12.76 1.01 0.00	12.87 1.06 0.00	14.11 1.06 0.00	17.96 1.52 0.00	19.33 1.58 0.00	19.20 1.66 0.00	17.85 1.56 0.03	22.63 1.94 -1.28	31.74 2.03 -9.25	31.52 2.07 -9.25	43.78 1.99 -22.48	31.36 2.06 -9.30	65.24 2.90 -34.50	28.41 2.69 0.00	34.35 3.29 0.00	35.58 3.26 0.00	37.77 3.37 0.00	37.23 2.97 -4.13	90.45 2.93 -56.90	48.78 2.57 -20.37	30.53 2.43 -1.14
LISF__SOLAR 323691	19.69 1.34 0.00	18.91 1.28 0.00	15.19 1.18 0.00	12.79 1.03 0.00	12.89 1.08 0.00	14.14 1.09 0.00	17.99 1.55 0.00	19.36 1.62 0.00	19.23 1.69 0.00	17.88 1.59 0.03	22.65 1.96 -1.28	31.76 2.05 -9.25	31.54 2.09 -9.25	43.80 2.01 -22.48	31.39 2.09 -9.30	65.29 2.94 -34.50	28.47 2.74 0.00	34.42 3.37 0.00	35.67 3.35 0.00	37.88 3.48 0.00	37.31 3.05 -4.13	90.55 3.02 -56.90	48.84 2.64 -20.37	30.60 2.50 -1.14

LITTLE FALLS___HYD 24013	18.60 0.25 0.00	17.95 0.32 0.00	14.22 0.21 0.00	11.91 0.16 0.00	12.00 0.18 0.00	13.25 0.20 0.00	16.77 0.33 0.00	17.99 0.25 0.00	17.67 0.13 0.00	16.30 -0.02 0.00	19.49 0.07 0.00	20.50 0.05 0.00	20.22 0.04 0.02	19.11 0.12 0.31	17.07 0.20 3.12	24.05 0.20 4.00	26.52 0.43 -0.35	33.08 0.78 -1.24	34.72 0.73 -1.67	35.25 0.85 0.00	31.91 0.91 -0.87	33.10 0.66 -1.81	28.31 0.45 -2.03	28.54 0.20 -1.38
LITTLRIV_115KV_TB1 356100	18.06 -0.29 0.00	17.29 -0.34 0.00	13.85 -0.16 0.00	11.79 0.03 0.00	11.68 -0.13 0.00	12.89 -0.16 0.00	16.22 -0.22 0.00	17.50 -0.25 0.00	17.29 -0.26 0.00	16.03 -0.29 0.00	19.01 -0.40 0.00	19.97 -0.48 0.00	18.89 -0.53 0.78	-1.17 -0.80 19.68	-203.74 -0.90 222.83	-221.01 -1.23 247.63	-90.57 -1.22 115.08	-75.27 -1.58 104.74	3.59 -1.23 27.51	33.31 -1.09 0.00	15.00 -0.82 14.31	0.30 -0.60 29.73	-7.32 -0.25 32.90	6.52 -0.17 20.27
LI_NEWBRDGE___DRP 323616	19.53 1.18 0.00	18.75 1.13 0.00	14.94 0.93 0.00	12.57 0.82 0.00	12.65 0.84 0.00	13.91 0.87 0.00	17.66 1.22 0.00	19.06 1.32 0.00	18.89 1.35 0.00	17.58 1.29 0.04	22.42 1.73 -1.28	31.51 1.81 -9.25	31.28 1.83 -9.25	43.57 1.78 -22.48	31.15 1.85 -9.30	64.92 2.58 -34.50	28.23 2.51 0.00	34.08 3.03 0.00	35.24 2.92 0.00	37.32 2.92 0.00	36.84 2.58 -4.13	90.08 2.55 -56.90	48.42 2.21 -20.37	30.15 2.05 -1.14
LOCKPORT_115KV_TB60_63_64 80432	18.03 -0.31 0.00	17.15 -0.48 0.00	13.45 -0.57 0.00	11.20 -0.55 0.00	11.27 -0.54 0.00	12.55 -0.50 0.00	15.63 -0.81 0.00	16.93 -0.81 0.00	16.64 -0.91 0.00	15.59 -0.73 0.00	18.66 -0.75 0.00	19.66 -0.79 0.00	19.39 -0.81 0.00	18.79 -0.51 0.00	19.53 -0.46 0.00	27.37 -0.48 0.00	25.19 -0.54 0.00	30.32 -0.75 -0.01	31.78 -0.54 0.00	34.17 -0.24 0.00	29.66 -0.47 0.00	30.04 -0.59 0.00	25.69 -0.14 0.00	27.12 0.16 0.00
LOCKPORT___CC1 323769	18.02 -0.33 0.00	17.14 -0.49 0.00	13.43 -0.58 0.00	11.19 -0.57 0.00	11.26 -0.55 0.00	12.53 -0.51 0.00	15.61 -0.83 0.00	16.92 -0.82 0.00	16.62 -0.91 0.00	15.58 -0.74 0.00	18.65 -0.76 0.00	19.67 -0.78 0.00	19.39 -0.81 0.00	18.78 -0.52 0.00	19.51 -0.48 0.00	27.33 -0.52 0.00	25.18 -0.55 0.00	30.30 -0.76 -0.01	31.72 -0.60 0.00	34.10 -0.31 0.00	29.60 -0.53 0.00	29.97 -0.66 0.00	25.63 -0.20 0.00	27.08 0.11 0.00
LOCKPORT___CC2 323770	18.02 -0.33 0.00	17.14 -0.49 0.00	13.43 -0.58 0.00	11.19 -0.57 0.00	11.26 -0.55 0.00	12.53 -0.51 0.00	15.61 -0.83 0.00	16.92 -0.82 0.00	16.62 -0.91 0.00	15.58 -0.74 0.00	18.65 -0.76 0.00	19.67 -0.78 0.00	19.39 -0.81 0.00	18.78 -0.52 0.00	19.51 -0.48 0.00	27.33 -0.52 0.00	25.18 -0.55 0.00	30.30 -0.76 -0.01	31.72 -0.60 0.00	34.10 -0.31 0.00	29.60 -0.53 0.00	29.97 -0.66 0.00	25.63 -0.20 0.00	27.08 0.11 0.00
LOCKPORT___CC3 323771	18.02 -0.33 0.00	17.14 -0.49 0.00	13.43 -0.58 0.00	11.19 -0.57 0.00	11.26 -0.55 0.00	12.53 -0.51 0.00	15.61 -0.83 0.00	16.92 -0.82 0.00	16.62 -0.91 0.00	15.58 -0.74 0.00	18.65 -0.76 0.00	19.67 -0.78 0.00	19.39 -0.81 0.00	18.78 -0.52 0.00	19.51 -0.48 0.00	27.33 -0.52 0.00	25.18 -0.55 0.00	30.30 -0.76 -0.01	31.72 -0.60 0.00	34.10 -0.31 0.00	29.60 -0.53 0.00	29.97 -0.66 0.00	25.63 -0.20 0.00	27.08 0.11 0.00
LONG_LAKE_PHOENIX 24014	18.16 -0.18 0.00	17.42 -0.20 0.00	13.81 -0.21 0.00	11.56 -0.20 0.00	11.63 -0.17 0.00	12.85 -0.20 0.00	16.16 -0.28 0.00	17.40 -0.34 0.00	17.20 -0.34 0.00	16.01 -0.31 0.00	19.06 -0.36 0.00	20.06 -0.39 0.00	19.78 -0.40 0.03	18.40 -0.31 0.60	13.08 -0.26 6.65	19.92 -0.33 7.60	22.77 -0.31 2.65	28.76 -0.25 2.04	32.06 -0.26 0.00	34.17 -0.23 0.00	29.88 -0.25 0.00	30.27 -0.36 0.00	25.53 -0.30 0.00	26.64 -0.32 0.00
LOVETT___3 23632	19.22 0.87 0.00	18.48 0.86 0.00	14.67 0.66 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.69 0.65 0.00	17.35 0.91 0.00	18.77 1.03 0.00	18.62 1.08 0.00	17.35 1.03 0.00	20.71 1.30 4.53	17.30 1.38 0.64	20.97 1.41 0.64	17.28 1.40 3.42	15.55 1.44 5.88	29.65 2.05 0.24	27.77 2.04 0.00	33.57 2.52 0.00	34.70 2.38 0.00	36.70 2.30 0.00	32.11 1.98 0.00	32.45 1.82 0.00	27.35 1.52 0.00	28.33 1.36 0.00
LOVETT___4 23642	19.22 0.87 0.00	18.48 0.86 0.00	14.67 0.66 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.69 0.65 0.00	17.35 0.91 0.00	18.77 1.03 0.00	18.62 1.08 0.00	17.35 1.03 0.00	20.71 1.30 4.53	17.30 1.38 0.64	20.97 1.41 0.64	17.28 1.40 3.42	15.55 1.44 5.88	29.65 2.05 0.24	27.77 2.04 0.00	33.57 2.52 0.00	34.70 2.38 0.00	36.70 2.30 0.00	32.11 1.98 0.00	32.45 1.82 0.00	27.35 1.52 0.00	28.33 1.36 0.00
LOVETT___5 23593	19.22 0.87 0.00	18.48 0.86 0.00	14.67 0.66 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.69 0.65 0.00	17.35 0.91 0.00	18.77 1.03 0.00	18.62 1.08 0.00	17.35 1.03 0.00	20.71 1.30 4.53	17.30 1.38 0.64	20.97 1.41 0.64	17.28 1.40 3.42	15.55 1.44 5.88	29.65 2.05 0.24	27.77 2.04 0.00	33.57 2.52 0.00	34.70 2.38 0.00	36.70 2.30 0.00	32.11 1.98 0.00	32.45 1.82 0.00	27.35 1.52 0.00	28.33 1.36 0.00
LOWER RAQUET___HYD 24057	17.87 -0.47 0.00	17.10 -0.52 0.00	13.70 -0.31 0.00	11.67 -0.09 0.00	11.56 -0.25 0.00	12.74 -0.31 0.00	16.03 -0.41 0.00	17.34 -0.41 0.00	17.16 -0.38 0.00	15.92 -0.40 0.00	18.88 -0.54 0.00	19.81 -0.64 0.00	18.74 -0.71 0.75	-0.54 -1.00 18.85	-194.64 -1.12 213.51	-210.82 -1.53 237.13	-86.61 -1.53 110.80	-72.06 -2.01 101.10	3.64 -1.76 26.92	32.73 -1.67 0.00	14.77 -1.36 14.00	0.35 -1.17 29.10	-6.99 -0.69 32.13	6.80 -0.59 19.57
LOWER___HUDSON 24059	19.05 0.70 0.00	18.37 0.74 0.00	14.60 0.58 0.00	12.24 0.48 0.00	12.31 0.50 0.00	13.60 0.55 0.00	17.21 0.77 0.00	18.53 0.78 0.00	18.23 0.69 0.00	16.89 0.57 0.00	20.06 0.64 -0.51	21.65 0.69 -0.07	20.98 0.71 -0.39	20.43 0.74 -0.67	21.43 0.78 -0.03	28.90 1.02 0.00	26.76 1.03 0.00	32.41 1.36 0.00	33.77 1.45 0.00	35.97 1.57 0.00	31.59 1.46 0.00	31.89 1.26 0.00	26.86 1.03 0.00	27.86 0.90 0.00
LOWVILLE_115KV_TB2 356335	18.40 0.05 0.00	17.67 0.04 0.00	14.01 0.00 0.00	11.75 -0.01 0.00	11.70 -0.10 0.00	12.93 -0.11 0.00	16.33 -0.11 0.00	17.58 -0.16 0.00	17.57 0.03 0.00	16.32 0.00 0.00	19.35 -0.07 0.00	20.08 -0.37 0.00	19.44 -0.55 0.21	13.30 -0.67 5.33	-40.54 -0.33 60.21	-39.49 -0.22 67.13	-5.07 -0.50 30.30	3.30 -0.55 27.21	25.26 -0.46 6.60	34.36 -0.04 0.00	26.65 -0.04 3.43	23.21 -0.28 7.14	17.66 -0.32 7.86	21.79 -0.49 4.69
LUTHERFT_115KV_GLOB_FND_222 355753	19.22 0.87 0.00	18.50 0.88 0.00	14.69 0.67 0.00	12.32 0.56 0.00	12.40 0.59 0.00	13.71 0.66 0.00	17.36 0.92 0.00	18.68 0.94 0.00	18.38 0.84 0.00	17.02 0.70 0.00	20.23 0.81 0.00	21.81 0.89 -0.47	21.16 0.89 -0.07	20.59 0.93 -0.36	21.60 0.99 -0.61	29.34 1.46 -0.03	27.18 1.46 0.00	33.00 1.95 0.00	34.38 2.05 0.00	36.55 2.15 0.00	32.11 1.98 0.00	32.43 1.80 0.00	27.34 1.51 0.00	28.33 1.37 0.00

LUTHERNY_35_KV_BK2 355980	19.22 0.87 0.00	18.49 0.86 0.00	14.69 0.67 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.70 0.66 0.00	17.37 0.93 0.00	18.69 0.94 0.00	18.39 0.85 0.00	17.01 0.69 0.00	20.22 0.80 0.00	21.82 0.89 -0.47	21.17 0.90 -0.07	20.60 0.94 -0.36	21.61 1.01 -0.61	29.38 1.50 -0.03	27.22 1.50 0.00	33.07 2.01 0.00	34.43 2.10 0.00	36.59 2.19 0.00	32.13 1.99 0.00	32.44 1.81 0.00	27.35 1.52 0.00	28.33 1.37 0.00
LWR___OSWEGATCHIE_HYD 23850	18.12 -0.22 0.00	17.37 -0.25 0.00	13.84 -0.17 0.00	11.69 -0.06 0.00	11.62 -0.19 0.00	12.83 -0.21 0.00	16.17 -0.26 0.00	17.44 -0.31 0.00	17.35 -0.19 0.00	16.11 -0.21 0.00	19.07 -0.35 0.00	19.90 -0.55 0.00	19.01 -0.68 0.51	5.65 -0.88 12.77	-125.42 -0.76 144.64	-133.81 -0.92 160.74	-50.00 -1.02 74.70	-38.24 -1.30 67.99	13.37 -1.10 17.86	33.56 -0.85 0.00	20.16 -0.68 9.29	10.64 -0.68 19.30	4.05 -0.47 21.31	13.50 -0.53 12.94
LYONS_FALL_HYD 23570	18.54 0.19 0.00	17.80 0.17 0.00	14.12 0.11 0.00	11.84 0.08 0.00	11.84 0.03 0.00	13.09 0.04 0.00	16.53 0.08 0.00	17.80 0.05 0.00	17.70 0.16 0.00	16.44 0.12 0.00	19.53 0.11 0.00	20.39 -0.06 0.00	19.88 -0.18 0.14	15.58 -0.22 3.51	-19.47 0.01 39.47	-16.13 0.18 44.16	6.47 0.02 19.28	14.14 0.11 17.03	28.78 0.18 3.72	34.87 0.46 0.00	28.59 0.40 1.94	26.85 0.24 4.02	21.54 0.12 4.41	24.38 -0.02 2.57
MADISON___COUNTY_LFGE 323628	18.81 0.47 0.00	18.05 0.42 0.00	14.31 0.29 0.00	11.98 0.22 0.00	12.04 0.23 0.00	13.32 0.28 0.00	16.83 0.39 0.00	18.12 0.37 0.00	17.90 0.35 0.00	16.63 0.30 0.00	19.80 0.38 0.00	20.85 0.40 0.00	20.50 0.34 0.04	18.71 0.41 1.01	9.34 0.52 11.16	15.90 0.81 12.76	22.14 0.86 4.45	28.85 1.23 3.43	33.51 1.19 0.00	35.73 1.32 0.00	31.31 1.18 0.00	31.77 1.14 0.00	26.69 0.86 0.00	27.72 0.76 0.00
MALONE___115KV_TB1 356076	18.14 -0.21 0.00	17.30 -0.32 0.00	13.83 -0.19 0.00	11.68 -0.07 0.00	11.72 -0.09 0.00	12.93 -0.12 0.00	16.32 -0.12 0.00	17.65 -0.09 0.00	17.41 -0.13 0.00	16.17 -0.15 0.00	19.16 -0.26 0.00	20.07 -0.38 0.00	19.53 -0.40 0.27	10.69 -0.68 7.94	-74.87 -0.82 94.04	-72.77 -1.19 99.44	-42.68 -0.94 67.47	-40.05 -0.86 70.24	0.49 -0.45 31.38	33.99 -0.41 0.00	13.38 -0.42 16.33	-4.17 -0.87 33.92	-10.64 -0.95 35.51	12.00 -0.90 14.07
MAPLEWOD_115KV_TB3 80458	18.96 0.61 0.00	18.31 0.69 0.00	14.57 0.55 0.00	12.22 0.46 0.00	12.27 0.46 0.00	13.56 0.51 0.00	17.14 0.70 0.00	18.45 0.70 0.00	18.17 0.63 0.00	16.84 0.52 0.00	20.04 0.62 0.00	21.61 0.65 -0.51	20.96 0.69 -0.07	20.41 0.73 -0.38	21.41 0.76 -0.66	28.89 1.01 -0.03	26.75 1.02 0.00	32.42 1.36 0.00	33.77 1.44 0.00	35.95 1.55 0.00	31.53 1.40 0.00	31.85 1.22 0.00	26.81 0.97 0.00	27.79 0.82 0.00
MAPLE_RIDGE_WT_1 323574	17.90 -0.44 0.00	17.20 -0.42 0.00	13.68 -0.33 0.00	11.48 -0.28 0.00	11.46 -0.35 0.00	12.61 -0.44 0.00	15.90 -0.54 0.00	17.20 -0.55 0.00	17.14 -0.40 0.00	15.93 -0.39 0.00	19.02 -0.40 0.00	19.90 -0.55 0.00	19.59 -0.65 -0.04	16.80 -0.82 1.69	-10.28 -0.78 29.50	6.58 -0.99 20.28	-36.93 -0.82 61.84	-47.79 -0.77 78.08	-21.36 -1.29 52.39	33.04 -1.36 0.00	1.62 -1.25 27.26	-27.19 -1.18 56.64	-39.00 -1.13 63.71	-17.53 -1.23 43.27
MAPLE_RIDGE_WT_2 323611	17.90 -0.44 0.00	17.20 -0.42 0.00	13.68 -0.33 0.00	11.48 -0.28 0.00	11.46 -0.35 0.00	12.61 -0.44 0.00	15.90 -0.54 0.00	17.20 -0.55 0.00	17.14 -0.40 0.00	15.93 -0.39 0.00	19.02 -0.40 0.00	19.90 -0.55 0.00	19.59 -0.65 -0.04	16.80 -0.82 1.69	-10.28 -0.78 29.50	6.58 -0.99 20.28	-36.93 -0.82 61.84	-47.79 -0.77 78.08	-21.36 -1.29 52.39	33.04 -1.36 0.00	1.62 -1.25 27.26	-27.19 -1.18 56.64	-39.00 -1.13 63.71	-17.53 -1.23 43.27
MARBLE_RIVER_WT_PWR 323696	18.15 -0.20 0.00	17.29 -0.34 0.00	13.78 -0.23 0.00	11.63 -0.12 0.00	11.71 -0.10 0.00	12.91 -0.13 0.00	16.31 -0.13 0.00	17.60 -0.14 0.00	17.31 -0.23 0.00	16.08 -0.24 0.00	19.08 -0.34 0.00	19.95 -0.50 0.00	19.65 -0.50 0.05	15.80 -0.79 2.72	-17.86 -0.96 36.89	-7.18 -1.47 33.57	-22.06 -1.05 46.73	-25.25 -0.82 55.48	-1.49 -0.30 33.52	34.11 -0.30 0.00	12.30 -0.39 17.44	-6.78 -1.18 36.23	-20.60 -1.49 44.95	-21.00 -1.45 46.52
MARSHVLE_115KV_TB1 80742	19.47 1.13 0.00	18.60 0.97 0.00	14.77 0.75 0.00	12.39 0.63 0.00	12.44 0.62 0.00	13.77 0.72 0.00	17.25 0.81 0.00	18.51 0.77 0.00	18.06 0.52 0.00	16.92 0.59 0.00	20.11 0.69 0.00	21.26 0.81 0.00	20.94 0.74 0.00	20.06 0.76 0.00	20.82 0.83 0.00	29.34 1.49 0.00	27.28 1.56 0.00	32.99 1.94 0.00	34.25 1.92 0.00	36.71 2.30 0.00	32.13 2.00 0.00	32.62 1.99 0.00	27.53 1.69 0.00	28.69 1.73 0.00
MARSH_HILL_WT_PWR 323713	18.44 0.09 0.00	17.34 -0.28 0.00	13.45 -0.57 0.00	11.04 -0.72 0.00	11.08 -0.73 0.00	12.31 -0.74 0.00	15.55 -0.88 0.00	17.03 -0.72 0.00	17.01 -0.53 0.00	15.90 -0.42 0.00	19.14 -0.28 0.00	20.23 -0.22 0.00	19.82 -0.39 0.00	18.99 -0.31 0.00	19.85 -0.15 0.00	27.65 -0.20 0.00	25.39 -0.34 0.00	30.82 -0.24 0.00	31.94 -0.39 0.00	34.24 -0.16 0.00	29.69 -0.44 0.00	29.68 -0.94 0.00	24.96 -0.87 0.00	25.93 -1.03 0.00
MCINTYRE_115KV_TB2 80467	18.15 -0.20 0.00	17.38 -0.25 0.00	13.93 -0.08 0.00	11.85 0.09 0.00	11.75 -0.06 0.00	12.96 -0.09 0.00	16.30 -0.13 0.00	17.56 -0.18 0.00	17.31 -0.23 0.00	16.06 -0.26 0.00	19.06 -0.36 0.00	20.04 -0.41 0.00	18.91 -0.45 0.84	-2.40 -0.69 21.02	-218.61 -0.79 237.81	-237.75 -1.09 264.51	-97.29 -1.07 121.95	-80.89 -1.35 110.59	2.93 -0.95 28.45	33.62 -0.78 0.00	14.81 -0.52 14.80	-0.39 -0.27 30.75	-8.33 -0.03 34.12	5.61 0.05 21.41
MECO_____69_KV_BK1 80468	19.85 1.51 0.00	19.07 1.44 0.00	15.17 1.16 0.00	12.73 0.97 0.00	12.82 1.00 0.00	14.21 1.16 0.00	17.84 1.40 0.00	18.78 1.03 0.00	17.50 -0.05 0.00	16.08 -0.25 0.00	18.97 -0.45 0.00	20.38 -0.07 0.00	19.78 -0.42 0.00	19.06 -0.25 0.00	19.87 -0.12 0.00	28.60 0.74 0.00	27.49 1.76 0.00	33.72 2.66 0.00	34.31 1.98 0.00	38.39 3.98 0.00	33.82 3.69 0.00	34.22 3.59 0.00	28.67 2.83 0.00	29.62 2.66 0.00
MENANDS___115KV_TB5 355628	18.86 0.51 0.00	18.24 0.62 0.00	14.52 0.50 0.00	12.17 0.42 0.00	12.23 0.42 0.00	13.51 0.46 0.00	17.07 0.63 0.00	18.35 0.60 0.00	18.08 0.54 0.00	16.77 0.45 0.00	19.95 0.53 0.00	21.52 0.56 -0.51	20.87 0.60 -0.07	20.33 0.64 -0.38	21.32 0.67 -0.66	28.73 0.85 -0.03	26.59 0.86 0.00	32.20 1.14 0.00	33.51 1.18 0.00	35.68 1.28 0.00	31.29 1.16 0.00	31.61 0.98 0.00	26.61 0.77 0.00	27.58 0.62 0.00
MG INDUSTRY___DRP 24185	18.87 0.52 0.00	18.23 0.60 0.00	14.51 0.49 0.00	12.17 0.41 0.00	12.23 0.42 0.00	13.50 0.46 0.00	17.04 0.60 0.00	18.28 0.54 0.00	17.97 0.43 0.00	16.64 0.32 0.00	19.77 0.35 0.00	21.25 0.34 -0.46	20.63 0.36 -0.06	20.06 0.41 -0.35	21.02 0.43 -0.59	28.45 0.57 -0.03	26.34 0.61 0.00	31.93 0.88 0.00	33.30 0.98 0.00	35.54 1.14 0.00	31.19 1.07 0.00	31.55 0.92 0.00	26.57 0.73 0.00	27.58 0.62 0.00

MID___OSWEGATCHIE_HYD 23849	18.12 -0.22 0.00	17.37 -0.25 0.00	13.84 -0.17 0.00	11.69 -0.06 0.00	11.62 -0.19 0.00	12.83 -0.21 0.00	16.17 -0.26 0.00	17.44 -0.31 0.00	17.35 -0.19 0.00	16.11 -0.21 0.00	19.07 -0.35 0.00	19.90 -0.55 0.00	19.01 -0.68 0.51	5.65 -0.88 12.77	-125.42 -0.76 144.64	-133.81 -0.92 160.74	-50.00 -1.02 74.70	-38.24 -1.30 67.99	13.37 -1.10 17.86	33.56 -0.85 0.00	20.16 -0.68 9.29	10.64 -0.68 19.30	4.05 -0.47 21.31	13.50 -0.53 12.94
MID___RAQUETTE_HYD 23851	17.87 -0.47 0.00	17.10 -0.52 0.00	13.70 -0.31 0.00	11.67 -0.09 0.00	11.56 -0.25 0.00	12.74 -0.31 0.00	16.03 -0.41 0.00	17.34 -0.41 0.00	17.16 -0.38 0.00	15.91 -0.40 0.00	18.88 -0.54 0.00	19.81 -0.64 0.00	18.74 -0.71 0.75	-0.54 -1.00 18.85	-194.64 -1.12 213.51	-210.82 -1.53 237.13	-86.60 -1.52 110.80	-72.04 -1.99 101.10	3.64 -1.76 26.92	32.73 -1.67 0.00	14.77 -1.36 14.00	0.35 -1.17 29.10	-6.99 -0.69 32.13	6.80 -0.59 19.57
MILLIKEN___1 23584	18.70 0.35 0.00	17.93 0.31 0.00	14.18 0.17 0.00	11.86 0.10 0.00	11.95 0.13 0.00	13.21 0.16 0.00	16.68 0.24 0.00	17.95 0.21 0.00	17.72 0.18 0.00	16.50 0.18 0.00	19.63 0.21 0.00	20.66 0.21 0.00	20.37 0.19 0.01	19.25 0.25 0.31	16.92 0.34 3.41	24.52 0.58 3.90	24.96 0.58 1.35	31.00 0.96 1.01	33.30 0.98 0.00	35.58 1.18 0.00	31.10 0.97 0.00	31.48 0.85 0.00	26.47 0.64 0.00	27.56 0.59 0.00
MILLIKEN___2 23585	18.70 0.35 0.00	17.93 0.31 0.00	14.18 0.17 0.00	11.86 0.10 0.00	11.95 0.13 0.00	13.21 0.16 0.00	16.68 0.24 0.00	17.95 0.21 0.00	17.72 0.18 0.00	16.50 0.18 0.00	19.63 0.21 0.00	20.66 0.21 0.00	20.37 0.19 0.01	19.25 0.25 0.31	16.92 0.34 3.41	24.52 0.58 3.90	24.96 0.58 1.35	31.00 0.96 1.01	33.30 0.98 0.00	35.58 1.18 0.00	31.10 0.97 0.00	31.48 0.85 0.00	26.47 0.64 0.00	27.56 0.59 0.00
MILLIKEN___DIESEL 23629	18.70 0.35 0.00	17.93 0.31 0.00	14.18 0.17 0.00	11.86 0.10 0.00	11.95 0.13 0.00	13.21 0.16 0.00	16.68 0.24 0.00	17.95 0.21 0.00	17.72 0.18 0.00	16.50 0.18 0.00	19.63 0.21 0.00	20.66 0.21 0.00	20.37 0.19 0.01	19.25 0.25 0.31	16.92 0.34 3.41	24.52 0.58 3.90	24.96 0.58 1.35	31.00 0.96 1.01	33.30 0.98 0.00	35.58 1.18 0.00	31.10 0.97 0.00	31.48 0.85 0.00	26.47 0.64 0.00	27.56 0.59 0.00
MILLSEAT___LFGE 323607	18.33 -0.02 0.00	17.44 -0.19 0.00	13.68 -0.34 0.00	11.40 -0.36 0.00	11.48 -0.33 0.00	12.78 -0.27 0.00	15.96 -0.48 0.00	17.29 -0.46 0.00	17.00 -0.54 0.00	15.90 -0.42 0.00	18.99 -0.43 0.00	20.03 -0.42 0.00	19.76 -0.44 0.00	19.19 -0.12 0.00	19.94 -0.05 0.00	27.98 0.13 0.00	25.78 0.05 0.00	31.08 0.02 -0.01	32.62 0.30 0.00	35.12 0.72 0.00	30.53 0.40 0.00	30.89 0.26 0.00	26.34 0.50 0.00	27.72 0.76 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.29 0.95 0.00	18.55 0.93 0.00	14.73 0.71 0.00	12.36 0.60 0.00	12.44 0.63 0.00	13.74 0.70 0.00	17.42 0.98 0.00	18.84 1.10 0.00	18.69 1.15 0.00	17.41 1.09 0.00	20.80 1.38 0.00	25.25 1.46 -3.33	22.17 1.49 -0.47	23.31 1.49 -2.52	25.88 1.56 -4.33	30.21 2.18 -0.18	27.89 2.16 0.00	33.69 2.64 0.00	34.87 2.54 0.00	36.88 2.48 0.00	32.26 2.13 0.00	32.63 2.00 0.00	27.51 1.68 0.00	28.47 1.51 0.00
MILLWOOD_13_KV_LOAD 356217	19.34 1.00 0.00	18.59 0.97 0.00	14.76 0.75 0.00	12.38 0.63 0.00	12.46 0.65 0.00	13.77 0.73 0.00	17.46 1.02 0.00	18.89 1.15 0.00	18.74 1.20 0.00	17.46 1.14 0.00	20.86 1.44 0.00	25.32 1.53 -3.33	22.24 1.57 -0.47	23.38 1.56 -2.52	25.95 1.63 -4.33	30.34 2.31 -0.18	28.01 2.28 0.00	33.84 2.78 0.00	35.00 2.68 0.00	37.02 2.62 0.00	32.39 2.26 0.00	32.76 2.13 0.00	27.61 1.77 0.00	28.56 1.59 0.00
MODEL_CITY_ENERGY 24167	17.86 -0.49 0.00	16.99 -0.64 0.00	13.32 -0.69 0.00	11.10 -0.66 0.00	11.17 -0.64 0.00	12.43 -0.61 0.00	15.47 -0.97 0.00	16.76 -0.98 0.00	16.45 -1.09 0.00	15.42 -0.90 0.00	18.46 -0.96 0.00	19.45 -1.00 0.00	19.19 -1.01 0.00	18.58 -0.72 0.00	19.29 -0.70 0.00	27.02 -0.83 0.00	24.89 -0.84 0.00	29.95 -1.11 0.00	31.37 -0.96 0.00	33.71 -0.69 0.00	29.26 -0.87 0.00	29.64 -0.99 0.00	25.39 -0.44 0.00	26.85 -0.12 0.00
MODERN_LFGE___ 323580	17.86 -0.49 0.00	16.99 -0.64 0.00	13.32 -0.69 0.00	11.10 -0.66 0.00	11.17 -0.64 0.00	12.43 -0.61 0.00	15.47 -0.97 0.00	16.76 -0.98 0.00	16.45 -1.09 0.00	15.42 -0.90 0.00	18.46 -0.96 0.00	19.45 -1.00 0.00	19.19 -1.01 0.00	18.58 -0.72 0.00	19.29 -0.70 0.00	27.02 -0.83 0.00	24.89 -0.84 0.00	29.95 -1.11 0.00	31.37 -0.96 0.00	33.71 -0.69 0.00	29.26 -0.87 0.00	29.64 -0.99 0.00	25.39 -0.44 0.00	26.85 -0.12 0.00
MOHAWK_PAPER___DRP 24187	18.96 0.61 0.00	18.31 0.69 0.00	14.57 0.55 0.00	12.22 0.46 0.00	12.27 0.46 0.00	13.56 0.51 0.00	17.14 0.70 0.00	18.45 0.70 0.00	18.17 0.63 0.00	16.84 0.52 0.00	20.04 0.62 0.00	21.61 0.65 -0.51	20.96 0.69 -0.07	20.41 0.73 -0.38	21.41 0.76 -0.66	28.89 1.01 -0.03	26.75 1.02 0.00	32.42 1.36 0.00	33.77 1.44 0.00	35.95 1.55 0.00	31.53 1.40 0.00	31.85 1.22 0.00	26.81 0.97 0.00	27.79 0.82 0.00
MOHICAN___35_KV_115KV_LD 80490	19.31 0.97 0.00	18.59 0.96 0.00	14.75 0.73 0.00	12.36 0.60 0.00	12.45 0.64 0.00	13.78 0.73 0.00	17.47 1.04 0.00	18.80 1.05 0.00	18.48 0.93 0.00	17.10 0.78 0.00	20.31 0.89 0.00	21.91 0.99 -0.47	21.24 0.98 -0.07	20.69 1.03 -0.36	21.71 1.11 -0.61	29.57 1.69 -0.03	27.38 1.65 0.00	33.30 2.24 0.00	34.66 2.33 0.00	36.77 2.37 0.00	32.43 2.30 0.00	32.75 2.12 0.00	27.67 1.84 0.00	28.63 1.66 0.00
MONGAUP___HYD 23641	19.31 0.97 0.00	18.55 0.92 0.00	14.72 0.70 0.00	12.34 0.58 0.00	12.41 0.60 0.00	13.73 0.68 0.00	17.39 0.95 0.00	18.78 1.04 0.00	18.52 0.98 0.00	17.13 0.81 0.00	20.34 0.92 0.00	18.77 0.96 2.64	20.81 0.98 0.37	18.31 1.00 2.00	17.69 1.13 3.43	29.45 1.74 0.14	27.43 1.70 0.00	33.32 2.26 0.00	34.73 2.40 0.00	36.97 2.57 0.00	32.38 2.25 0.00	32.80 2.17 0.00	27.64 1.80 0.00	28.63 1.67 0.00
MONTAUK___DIESEL 23721	19.42 1.07 0.00	18.87 1.24 0.00	15.30 1.29 0.00	12.89 1.13 0.00	13.19 1.38 0.00	14.52 1.47 0.00	18.56 2.12 0.00	19.99 2.24 0.00	19.97 2.43 0.00	18.55 2.26 0.03	23.38 2.69 -1.28	32.43 2.72 -9.25	32.22 2.77 -9.25	44.23 2.44 -22.48	31.53 2.23 -9.30	65.07 2.72 -34.50	28.54 2.82 0.00	34.64 3.58 0.00	35.85 3.53 0.00	37.97 3.57 0.00	37.26 3.00 -4.13	90.34 2.82 -56.90	48.62 2.42 -20.37	30.24 2.15 -1.14
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.26 -0.09 0.00	17.12 -0.51 0.00	13.32 -0.69 0.00	11.07 -0.69 0.00	11.18 -0.63 0.00	12.41 -0.64 0.00	15.61 -0.83 0.00	17.09 -0.66 0.00	17.09 -0.45 0.00	16.14 -0.18 0.00	19.45 0.03 0.00	20.61 0.16 0.00	20.25 0.05 0.00	19.25 -0.06 0.00	20.12 0.13 0.00	28.30 0.45 0.00	26.27 0.54 0.00	31.35 0.29 0.00	32.50 0.17 0.00	34.84 0.44 0.00	30.10 -0.03 0.00	30.09 -0.54 0.00	25.40 -0.43 0.00	26.72 -0.25 0.00

MORTIMER_115KV_TB3 55949	18.24 -0.10 0.00	17.42 -0.21 0.00	13.72 -0.30 0.00	11.46 -0.29 0.00	11.53 -0.28 0.00	12.80 -0.25 0.00	16.04 -0.40 0.00	17.34 -0.40 0.00	17.10 -0.44 0.00	15.98 -0.34 0.00	19.09 -0.33 0.00	20.15 -0.30 0.00	19.91 -0.29 0.00	19.20 -0.10 0.00	19.92 -0.07 0.00	27.93 0.07 0.00	25.76 0.03 0.00	31.10 0.05 0.00	32.57 0.25 0.00	34.89 0.49 0.00	30.37 0.24 0.00	30.73 0.10 0.00	26.05 0.22 0.00	27.32 0.35 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.42 1.08 0.00	18.68 1.05 0.00	14.82 0.81 0.00	12.44 0.68 0.00	12.51 0.71 0.00	13.83 0.78 0.00	17.53 1.10 0.00	18.98 1.24 0.00	18.84 1.30 0.00	17.58 1.25 -0.01	21.01 1.59 0.00	25.13 1.70 -2.98	22.35 1.73 -0.42	23.27 1.72 -2.25	25.65 1.79 -3.87	30.50 2.49 -0.16	28.17 2.44 0.00	33.99 2.94 0.00	35.14 2.81 0.00	37.13 2.72 0.00	32.50 2.37 0.00	32.90 2.27 0.00	27.75 1.92 0.00	28.70 1.73 0.00
MUNSVILLE_WIND_PWR 323609	19.56 1.22 0.00	18.62 1.00 0.00	14.75 0.73 0.00	12.33 0.58 0.00	12.41 0.60 0.00	13.76 0.71 0.00	17.53 1.09 0.00	19.56 1.82 0.00	19.03 1.49 0.00	17.68 1.36 0.00	21.27 1.85 0.00	22.33 1.88 0.00	21.87 1.67 0.00	20.92 1.61 0.00	21.77 1.78 0.00	30.26 2.41 0.00	27.92 2.19 0.00	33.36 2.31 0.00	34.82 2.50 0.00	37.36 2.95 0.00	32.41 2.27 0.00	32.57 1.94 0.00	27.35 1.51 0.00	28.34 1.38 0.00
N SALMON___HYD 24042	18.14 -0.21 0.00	17.30 -0.32 0.00	13.83 -0.19 0.00	11.68 -0.07 0.00	11.72 -0.09 0.00	12.93 -0.12 0.00	16.32 -0.12 0.00	17.65 -0.09 0.00	17.41 -0.13 0.00	16.17 -0.15 0.00	19.16 -0.26 0.00	20.07 -0.38 0.00	19.53 -0.40 0.27	10.69 -0.68 7.94	-74.87 -72.77 94.04	-42.71 -40.09 99.44	-40.09 -0.49 67.47	0.49 -0.89 70.24	33.99 -0.45 31.38	13.38 -0.41 0.00	-4.16 -0.42 16.33	-10.64 -0.87 33.92	11.99 -0.96 35.51	-0.91 -0.91 14.07
N.AKRON__115KV_KNAPP 355671	18.28 -0.07 0.00	17.39 -0.24 0.00	13.63 -0.38 0.00	11.36 -0.40 0.00	11.44 -0.37 0.00	12.73 -0.31 0.00	15.90 -0.54 0.00	17.22 -0.52 0.00	16.94 -0.61 0.00	15.85 -0.47 0.00	18.97 -0.45 0.00	19.99 -0.46 0.00	19.72 -0.49 0.00	19.21 -0.10 0.00	19.99 0.00 0.00	28.00 0.15 0.00	25.69 -0.04 0.00	30.93 -0.13 0.00	32.46 0.13 0.00	34.93 0.53 0.00	30.34 0.21 0.00	30.72 0.08 0.00	26.21 0.38 0.00	27.61 0.65 0.00
N.BELMOR_69_KV_BK1 55787	19.68 1.33 0.00	18.89 1.26 0.00	15.04 1.02 0.00	12.65 0.89 0.00	12.73 0.92 0.00	14.00 0.96 0.00	17.77 1.33 0.00	19.20 1.46 0.00	19.02 1.48 0.00	17.70 1.41 0.03	22.58 1.88 -1.28	31.69 1.99 -9.25	31.46 2.01 -9.25	43.73 1.94 -22.48	31.32 2.02 -9.30	65.13 2.79 -34.50	28.46 2.74 0.00	34.37 3.32 0.00	35.50 3.18 0.00	37.58 3.18 0.00	37.11 2.84 -4.13	90.33 2.80 -56.90	48.63 2.43 -20.37	30.38 2.28 -1.14
N.E_GEN_SANDY PD 24062	19.10 0.76 0.00	18.83 0.79 -0.42	17.54 0.62 -2.91	16.10 0.52 -3.82	16.39 0.53 -4.04	18.09 0.59 -4.45	18.05 0.85 -0.76	18.81 0.90 -0.16	18.42 0.85 -0.03	16.97 0.73 0.09	20.27 0.85 0.00	22.25 0.88 -0.92	21.24 0.91 -0.13	20.94 0.94 -0.70	22.16 0.97 -1.20	27.02 1.28 2.12	26.57 1.27 0.43	32.65 1.59 0.00	33.97 1.65 0.00	36.13 1.72 0.00	31.73 1.58 -0.03	31.98 1.35 0.00	27.21 1.10 -0.27	27.60 0.94 0.30
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.25 0.90 0.00	18.52 0.89 0.00	14.70 0.68 0.00	12.33 0.57 0.00	12.41 0.60 0.00	13.71 0.67 0.00	17.38 0.94 0.00	18.80 1.06 0.00	18.65 1.11 0.00	17.38 1.06 0.00	20.76 1.34 0.00	17.45 1.43 4.44	21.05 1.47 0.63	17.41 1.46 3.35	15.74 1.52 5.77	29.78 2.16 0.24	27.88 2.16 0.00	33.70 2.65 0.00	34.84 2.51 0.00	36.84 2.44 0.00	32.21 2.07 0.00	32.56 1.93 0.00	27.43 1.60 0.00	28.40 1.44 0.00
N.QUEENS_27_KV_LOAD 356247	19.49 1.14 0.00	18.74 1.11 0.00	14.84 0.82 0.00	12.47 0.71 0.00	12.54 0.72 0.00	13.86 0.82 0.00	17.58 1.14 0.00	19.01 1.27 0.00	18.88 1.34 0.00	17.65 1.31 -0.02	21.13 1.71 0.00	25.24 1.81 -2.98	22.49 1.87 -0.42	23.37 1.81 -2.25	25.75 1.89 -3.87	30.53 2.52 -0.16	28.16 2.43 0.00	33.92 2.86 0.00	35.01 2.68 0.00	36.98 2.58 0.00	32.46 2.33 0.00	32.94 2.31 0.00	27.87 2.04 0.00	28.75 1.78 0.00
N.TROY___115KV_TB1 355778	19.05 0.70 0.00	18.37 0.74 0.00	14.60 0.59 0.00	12.24 0.48 0.00	12.31 0.50 0.00	13.60 0.55 0.00	17.21 0.77 0.00	18.53 0.78 0.00	18.23 0.69 0.00	16.89 0.57 0.00	20.06 0.64 0.00	21.65 0.69 -0.51	20.98 0.71 -0.07	20.44 0.74 -0.39	21.44 0.78 -0.67	28.90 1.02 -0.03	26.76 1.03 0.00	32.41 1.36 0.00	33.77 1.45 0.00	35.97 1.57 0.00	31.59 1.46 0.00	31.89 1.26 0.00	26.86 1.03 0.00	27.86 0.89 0.00
NARROWS_GT1_1 24228	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT1_2 24229	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT1_3 24230	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT1_4 24231	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT1_5 24232	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00

NARROWS_GT1_6 24233	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT1_7 24234	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT1_8 24235	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT2_1 24236	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT2_2 24237	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT2_3 24238	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT2_4 24239	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT2_5 24240	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT2_6 24241	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT2_7 24242	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NARROWS_GT2_8 24243	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.14 0.80 0.00	18.52 0.90 0.00	14.74 0.72 0.00	12.36 0.60 0.00	12.41 0.60 0.00	13.72 0.67 0.00	17.34 0.90 0.00	18.57 0.83 0.00	18.16 0.63 0.00	16.75 0.42 0.00	19.86 0.44 0.00	20.89 0.43 0.00	20.68 0.48 0.00	19.86 0.55 0.00	20.60 0.61 0.00	28.73 0.87 0.00	26.70 0.98 0.00	32.54 1.49 0.00	34.07 1.75 0.00	36.51 2.11 0.00	32.08 1.95 0.00	32.36 1.73 0.00	27.17 1.34 0.00	28.11 1.15 0.00
NCHELSEA_115KV_TR2 355582	19.40 1.06 0.00	18.65 1.02 0.00	14.80 0.78 0.00	12.41 0.65 0.00	12.49 0.68 0.00	13.81 0.76 0.00	17.52 1.08 0.00	18.95 1.21 0.00	18.77 1.23 0.00	17.47 1.15 0.00	20.85 1.44 0.00	21.97 1.52 0.00	21.76 1.55 0.00	20.87 1.57 0.00	21.65 1.65 0.00	30.26 2.41 0.00	28.12 2.39 0.00	34.02 2.97 0.00	35.30 2.97 0.00	37.36 2.96 0.00	32.67 2.54 0.00	33.00 2.37 0.00	27.77 1.94 0.00	28.71 1.75 0.00
NEG CAPITAL____MECHNVIL 23645	19.26 0.92 0.00	18.54 0.91 0.00	14.72 0.71 0.00	12.34 0.59 0.00	12.42 0.61 0.00	13.73 0.68 0.00	17.40 0.96 0.00	18.73 0.98 0.00	18.42 0.88 0.00	17.06 0.74 0.00	20.28 0.87 0.00	21.88 0.94 -0.49	21.22 0.95 -0.07	20.67 1.00 -0.37	21.68 1.06 -0.63	29.43 1.55 -0.03	27.28 1.56 0.00	33.11 2.06 0.00	34.51 2.19 0.00	36.70 2.30 0.00	32.22 2.09 0.00	32.54 1.91 0.00	27.40 1.57 0.00	28.39 1.42 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.97 -0.38 0.00	17.17 -0.46 0.00	13.54 -0.48 0.00	11.31 -0.45 0.00	11.38 -0.43 0.00	12.62 -0.42 0.00	15.85 -0.59 0.00	17.15 -0.60 0.00	16.91 -0.63 0.00	15.78 -0.54 0.00	18.85 -0.57 0.00	19.90 -0.55 0.00	19.66 -0.55 0.00	18.94 -0.36 0.00	19.65 -0.34 0.00	27.54 -0.31 0.00	25.47 -0.25 0.00	30.79 -0.27 0.00	32.22 -0.11 0.00	34.47 0.07 0.00	30.00 -0.13 0.00	30.34 -0.29 0.00	25.66 -0.17 0.00	26.87 -0.10 0.00

NEG CENTRAL___DRP 24199	18.43 0.08 0.00	17.63 0.01 0.00	13.91 -0.10 0.00	11.62 -0.14 0.00	11.69 -0.12 0.00	12.95 -0.10 0.00	16.32 -0.12 0.00	17.63 -0.12 0.00	17.42 -0.13 0.00	16.22 -0.10 0.00	19.32 -0.10 0.00	20.37 -0.08 0.00	20.09 -0.10 0.01	19.00 0.02 0.33	16.45 0.10 3.64	23.92 0.23 4.16	24.61 0.33 1.45	30.48 0.54 1.11	32.91 0.59 0.00	35.22 0.81 0.00	30.72 0.59 0.00	31.04 0.41 0.00	26.13 0.29 0.00	27.24 0.27 0.00
NEG CENTRAL___INDECK 23768	18.78 0.44 0.00	17.83 0.20 0.00	13.98 -0.04 0.00	11.60 -0.15 0.00	11.67 -0.15 0.00	12.96 -0.08 0.00	16.31 -0.12 0.00	17.62 -0.12 0.00	17.30 -0.25 0.00	16.19 -0.13 0.00	19.40 -0.02 0.00	20.52 0.07 0.00	20.19 -0.01 0.00	19.39 0.08 0.00	20.06 0.07 0.00	27.62 -0.23 0.00	25.29 -0.44 0.00	30.64 -0.41 0.00	32.08 -0.24 0.00	34.57 0.17 0.00	30.34 0.21 0.00	30.62 -0.01 0.00	26.42 0.58 0.00	27.80 0.83 0.00
NEG CENTRAL___SENECA 23627	18.48 0.13 0.00	17.64 0.01 0.00	13.90 -0.11 0.00	11.60 -0.16 0.00	11.67 -0.14 0.00	12.93 -0.11 0.00	16.31 -0.13 0.00	17.64 -0.10 0.00	17.42 -0.12 0.00	16.23 -0.09 0.00	19.37 -0.05 0.00	20.41 -0.04 0.00	20.12 -0.08 0.00	19.35 0.05 0.00	20.15 0.16 0.00	28.18 0.33 0.00	26.15 0.42 0.00	31.72 0.66 0.00	33.10 0.77 0.00	35.44 1.04 0.00	30.89 0.76 0.00	31.16 0.53 0.00	26.25 0.41 0.00	27.36 0.39 0.00
NEG CENTRAL___STATE_STREET 24147	18.49 0.14 0.00	17.78 0.15 0.00	14.03 0.02 0.00	11.73 -0.03 0.00	11.81 0.00 0.00	13.06 0.01 0.00	16.49 0.05 0.00	17.74 0.00 0.00	17.55 0.01 0.00	16.36 0.04 0.00	19.42 0.00 0.00	20.51 0.05 0.00	20.23 0.05 0.02	19.11 0.16 0.36	16.28 0.21 3.92	23.74 0.37 4.48	24.60 0.43 1.56	30.58 0.72 1.20	32.92 0.59 0.00	35.24 0.83 0.00	30.78 0.65 0.00	31.21 0.57 0.00	26.19 0.36 0.00	27.34 0.38 0.00
NEG MILLWOOD___DRP 24198	19.44 1.09 0.00	18.68 1.05 0.00	14.82 0.81 0.00	12.43 0.68 0.00	12.51 0.70 0.00	13.84 0.79 0.00	17.57 1.13 0.00	19.01 1.26 0.00	18.83 1.29 0.00	17.54 1.22 0.00	20.95 1.54 0.00	23.17 1.64 -1.08	22.03 1.67 -0.15	21.81 1.69 -0.81	23.16 1.77 -1.40	30.47 2.56 -0.06	28.25 2.53 0.00	34.16 3.11 0.00	35.42 3.10 0.00	37.46 3.06 0.00	32.75 2.62 0.00	33.08 2.45 0.00	27.84 2.01 0.00	28.77 1.81 0.00
NEG NORTH_FLCN_SEA 23793	18.50 0.15 0.00	17.58 -0.05 0.00	13.98 -0.04 0.00	11.78 0.02 0.00	11.88 0.07 0.00	13.10 0.05 0.00	16.57 0.13 0.00	17.78 0.04 0.00	17.42 -0.12 0.00	16.16 -0.16 0.00	19.16 -0.25 0.00	20.00 -0.45 0.00	19.72 -0.42 0.06	15.51 -0.74 3.06	-21.58 -0.93 40.65	-11.59 -1.54 37.90	-23.31 -0.94 48.10	-25.85 -0.45 56.45	-0.67 0.38 33.37	34.87 0.47 0.00	13.02 0.25 17.36	-6.33 -0.88 36.08	-20.50 -1.49 44.84	-21.36 -1.63 46.69
NEG NORTH_KES_CHATEGAY 23792	18.08 -0.27 0.00	17.24 -0.39 0.00	13.76 -0.26 0.00	11.61 -0.15 0.00	11.68 -0.13 0.00	12.88 -0.17 0.00	16.26 -0.18 0.00	17.57 -0.17 0.00	17.30 -0.24 0.00	16.07 -0.25 0.00	19.04 -0.38 0.00	19.95 -0.51 0.00	19.57 -0.51 0.11	14.25 -0.80 4.25	-34.65 -0.96 53.68	-26.46 -1.39 52.92	-28.15 -1.06 52.83	-29.65 -0.88 59.82	-1.01 -0.44 32.89	33.95 -0.45 0.00	12.52 -0.50 17.11	-6.06 -1.14 35.55	-19.97 -1.33 44.48	-21.60 -1.27 47.29
NEG NORTH___ALICE_FALLS 23915	18.45 0.10 0.00	17.54 -0.08 0.00	13.96 -0.06 0.00	11.76 0.00 0.00	11.86 0.05 0.00	13.08 0.04 0.00	16.55 0.11 0.00	17.81 0.07 0.00	17.47 -0.07 0.00	16.20 -0.12 0.00	19.19 -0.22 0.00	20.04 -0.41 0.00	19.77 -0.36 0.07	15.39 -0.67 3.25	-23.57 -0.84 42.72	-13.81 -1.38 40.29	-23.96 -0.84 48.85	-26.27 -0.34 56.99	-0.59 0.38 33.30	34.88 0.48 0.00	13.06 0.25 17.32	-6.14 -0.78 36.00	-20.30 -1.35 44.79	-21.28 -1.46 46.78
NEG NORTH___LWR_SARANAC 23913	18.45 0.10 0.00	17.54 -0.08 0.00	13.96 -0.06 0.00	11.76 0.00 0.00	11.86 0.05 0.00	13.08 0.04 0.00	16.55 0.11 0.00	17.81 0.07 0.00	17.47 -0.07 0.00	16.20 -0.12 0.00	19.19 -0.22 0.00	20.04 -0.41 0.00	19.77 -0.36 0.07	15.39 -0.67 3.25	-23.57 -0.84 42.72	-13.81 -1.38 40.29	-23.96 -0.84 48.85	-26.27 -0.34 56.99	-0.59 0.38 33.30	34.88 0.48 0.00	13.06 0.25 17.32	-6.14 -0.78 36.00	-20.30 -1.35 44.79	-21.28 -1.46 46.78
NEG NORTH___PLATTSBURG 23628	18.45 0.10 0.00	17.54 -0.08 0.00	13.96 -0.06 0.00	11.76 0.00 0.00	11.86 0.05 0.00	13.08 0.04 0.00	16.55 0.11 0.00	17.81 0.07 0.00	17.47 -0.07 0.00	16.20 -0.12 0.00	19.19 -0.23 0.00	20.04 -0.41 0.00	19.77 -0.36 0.07	15.39 -0.67 3.25	-23.57 -0.85 42.72	-13.81 -1.38 40.29	-24.00 -0.88 48.85	-26.34 -0.41 56.99	-0.59 0.38 33.30	34.88 0.48 0.00	13.06 0.25 17.32	-6.14 -0.78 36.00	-20.30 -1.35 44.79	-21.29 -1.47 46.78
NEG WEST_LEA_LOCKPORT 23791	18.02 -0.33 0.00	17.14 -0.49 0.00	13.43 -0.58 0.00	11.19 -0.57 0.00	11.26 -0.55 0.00	12.53 -0.51 0.00	15.61 -0.83 0.00	16.91 -0.83 0.00	16.62 -0.92 0.00	15.58 -0.75 0.00	18.66 -0.76 0.00	19.66 -0.80 0.00	19.38 -0.82 0.00	18.77 -0.54 0.00	19.50 -0.49 0.00	27.33 -0.52 0.00	25.15 -0.58 0.00	30.26 -0.80 -0.01	31.72 -0.61 0.00	34.09 -0.31 0.00	29.60 -0.53 0.00	29.97 -0.66 0.00	25.63 -0.20 0.00	27.06 0.10 0.00
NEG WEST___LANCASTR 23811	18.39 0.05 0.00	17.54 -0.09 0.00	13.75 -0.26 0.00	11.46 -0.30 0.00	11.55 -0.26 0.00	12.82 -0.23 0.00	16.05 -0.39 0.00	17.40 -0.34 0.00	17.21 -0.33 0.00	16.10 -0.22 0.00	19.30 -0.11 0.00	20.35 -0.11 0.00	20.03 -0.18 0.00	19.31 0.00 0.00	20.13 0.14 0.00	28.17 0.32 0.00	25.94 0.21 0.00	31.29 0.23 0.00	32.64 0.32 0.00	34.91 0.51 0.00	30.31 0.18 0.00	30.64 0.01 0.00	26.09 0.26 0.00	27.44 0.47 0.00
NEG_PENN_ALLEGHNY 23528	18.59 0.24 0.00	17.83 0.20 0.00	14.11 0.09 0.00	11.81 0.05 0.00	11.89 0.08 0.00	13.14 0.10 0.00	16.60 0.16 0.00	17.91 0.16 0.00	17.65 0.11 0.00	16.44 0.12 0.00	19.64 0.23 0.00	20.69 0.24 0.00	20.39 0.19 0.00	19.56 0.25 0.00	20.38 0.39 0.00	28.42 0.57 0.00	26.28 0.55 0.00	31.95 0.90 0.00	33.21 0.89 0.00	35.30 0.90 0.00	30.81 0.68 0.00	31.15 0.53 0.00	26.27 0.44 0.00	27.35 0.38 0.00
NEG___GEN_MONROE 24207	18.41 0.06 0.00	17.54 -0.09 0.00	13.80 -0.22 0.00	11.52 -0.24 0.00	11.59 -0.22 0.00	12.88 -0.17 0.00	16.14 -0.30 0.00	17.44 -0.30 0.00	17.19 -0.35 0.00	16.06 -0.26 0.00	19.18 -0.24 0.00	20.24 -0.21 0.00	19.99 -0.21 0.00	19.30 0.00 0.00	20.03 0.04 0.00	28.10 0.25 0.00	25.93 0.20 0.00	31.29 0.24 0.00	32.82 0.50 0.00	35.22 0.82 0.00	30.71 0.58 0.00	31.08 0.45 0.00	26.38 0.55 0.00	27.67 0.71 0.00
NEPA___ENERGY 23901	18.26 -0.08 0.00	17.40 -0.23 0.00	13.64 -0.38 0.00	11.37 -0.39 0.00	11.48 -0.33 0.00	12.73 -0.32 0.00	15.99 -0.45 0.00	17.32 -0.42 0.00	17.23 -0.31 0.00	16.13 -0.19 0.00	19.40 -0.01 0.00	20.47 0.02 0.00	20.10 -0.10 0.00	19.29 -0.01 0.00	20.24 0.25 0.00	28.28 0.43 0.00	26.12 0.39 0.00	31.57 0.51 0.00	32.68 0.35 0.00	34.79 0.39 0.00	30.19 0.05 0.00	30.43 -0.20 0.00	25.79 -0.04 0.00	27.09 0.12 0.00

NEVERSINK___HYD 23608	18.96 0.62 0.00	18.21 0.58 0.00	14.45 0.43 0.00	12.12 0.36 0.00	12.19 0.38 0.00	13.49 0.44 0.00	17.10 0.66 0.00	18.50 0.76 0.00	18.33 0.79 0.00	17.04 0.72 0.00	20.31 0.89 0.00	20.92 0.93 0.46	21.00 0.87 0.06	19.36 0.40 0.35	19.87 0.48 0.60	28.56 0.73 0.03	26.59 0.87 0.00	32.15 1.10 0.00	33.40 1.08 0.00	35.42 1.02 0.00	31.11 0.97 0.00	32.27 1.64 0.00	27.15 1.31 0.00	28.09 1.13 0.00
NEWKRMKL_115KV_TB1 55635	18.77 0.43 0.00	18.19 0.56 0.00	14.48 0.46 0.00	12.14 0.38 0.00	12.19 0.38 0.00	13.46 0.42 0.00	17.01 0.57 0.00	18.26 0.51 0.00	18.00 0.46 0.00	16.69 0.37 0.00	19.87 0.45 0.00	21.43 0.48 -0.50	20.79 0.52 -0.07	20.25 0.56 -0.38	21.23 0.59 -0.65	28.64 0.76 -0.03	26.49 0.77 0.00	32.09 1.04 0.00	33.38 1.06 0.00	35.54 1.14 0.00	31.16 1.03 0.00	31.48 0.85 0.00	26.50 0.66 0.00	27.46 0.50 0.00
NEWTON___FALLS_HYD 23847	18.12 -0.22 0.00	17.37 -0.25 0.00	13.84 -0.17 0.00	11.69 -0.06 0.00	11.62 -0.19 0.00	12.83 -0.21 0.00	16.17 -0.26 0.00	17.44 -0.31 0.00	17.35 -0.19 0.00	16.11 -0.21 0.00	19.07 -0.35 0.00	19.90 -0.55 0.00	19.01 -0.68 0.51	5.65 -0.88 12.77	-125.42 -0.76 144.64	-133.81 -0.92 160.74	-50.00 -1.02 74.70	-38.24 -1.30 67.99	13.37 -1.10 17.86	33.56 -0.85 0.00	20.16 -0.68 9.29	10.64 -0.68 19.30	4.05 -0.47 21.31	13.50 -0.53 12.94
NGRID_A1_DSASP 323792	17.71 -0.63 0.00	16.86 -0.77 0.00	13.22 -0.80 0.00	11.02 -0.74 0.00	11.09 -0.72 0.00	12.34 -0.71 0.00	15.34 -1.10 0.00	16.62 -1.12 0.00	16.23 -1.31 0.00	15.19 -1.13 0.00	18.18 -1.24 0.00	19.16 -1.29 0.00	18.91 -1.30 0.00	18.30 -1.01 0.00	18.97 -1.02 0.00	26.52 -1.33 0.00	24.42 -1.30 0.01	29.37 -1.66 0.03	30.79 -1.53 0.00	33.08 -1.32 0.00	28.72 -1.41 0.00	29.10 -1.53 0.00	25.00 -0.84 0.00	26.59 -0.38 0.00
NGRID_A2_DSASP 323793	17.71 -0.63 0.00	16.86 -0.77 0.00	13.22 -0.80 0.00	11.02 -0.74 0.00	11.09 -0.72 0.00	12.34 -0.71 0.00	15.34 -1.10 0.00	16.62 -1.12 0.00	16.23 -1.31 0.00	15.19 -1.13 0.00	18.18 -1.24 0.00	19.16 -1.29 0.00	18.91 -1.30 0.00	18.30 -1.01 0.00	18.97 -1.02 0.00	26.52 -1.33 0.00	24.42 -1.30 0.01	29.37 -1.66 0.03	30.79 -1.53 0.00	33.08 -1.32 0.00	28.72 -1.41 0.00	29.10 -1.53 0.00	25.00 -0.84 0.00	26.59 -0.38 0.00
NGRID_A4_DSASP 323807	17.71 -0.63 0.00	16.86 -0.77 0.00	13.22 -0.80 0.00	11.02 -0.74 0.00	11.09 -0.72 0.00	12.34 -0.71 0.00	15.34 -1.10 0.00	16.62 -1.12 0.00	16.23 -1.31 0.00	15.19 -1.13 0.00	18.18 -1.24 0.00	19.16 -1.29 0.00	18.91 -1.30 0.00	18.30 -1.01 0.00	18.97 -1.02 0.00	26.52 -1.33 0.00	24.42 -1.30 0.01	29.37 -1.66 0.03	30.79 -1.53 0.00	33.08 -1.32 0.00	28.72 -1.41 0.00	29.10 -1.53 0.00	25.00 -0.84 0.00	26.59 -0.38 0.00
NIAGARA_115E_LBMP 323715	17.76 -0.58 0.00	16.90 -0.73 0.00	13.25 -0.76 0.00	11.05 -0.71 0.00	11.12 -0.70 0.00	12.37 -0.68 0.00	15.38 -1.06 0.00	16.66 -1.08 0.00	16.35 -1.19 0.00	15.32 -1.00 0.00	18.35 -1.07 0.00	19.34 -1.12 0.00	19.07 -1.13 0.00	18.46 -0.84 0.00	19.16 -0.83 0.00	26.82 -1.03 0.00	24.72 -1.01 0.00	29.73 -1.33 0.00	31.14 -1.18 0.00	33.46 -0.94 0.00	29.05 -1.08 0.00	29.43 -1.20 0.00	25.23 -0.60 0.00	26.69 -0.27 0.00
NIAGARA_115W_LBMP 323714	17.68 -0.67 0.00	16.82 -0.81 0.00	13.19 -0.82 0.00	11.00 -0.76 0.00	11.06 -0.75 0.00	12.32 -0.73 0.00	15.31 -1.13 0.00	16.59 -1.16 0.00	16.19 -1.35 0.00	15.15 -1.17 0.00	18.13 -1.29 0.00	19.11 -1.34 0.00	18.85 -1.36 0.00	18.25 -1.06 0.00	18.92 -1.08 0.00	26.44 -1.41 0.00	24.35 -1.37 0.01	29.29 -1.74 0.02	30.69 -1.63 0.00	32.98 -1.43 0.00	28.63 -1.50 0.00	29.01 -1.62 0.00	24.93 -0.90 0.00	26.53 -0.43 0.00
NIAGARA_230_LBMP 323716	17.82 -0.53 0.00	16.96 -0.67 0.00	13.30 -0.71 0.00	11.09 -0.67 0.00	11.16 -0.65 0.00	12.41 -0.63 0.00	15.46 -0.98 0.00	16.74 -1.00 0.00	16.44 -1.10 0.00	15.40 -0.92 0.00	18.44 -0.98 0.00	19.44 -1.02 0.00	19.16 -1.04 0.00	18.53 -0.77 0.00	19.23 -0.76 0.00	26.89 -0.96 0.00	24.77 -0.96 0.00	29.79 -1.26 0.00	31.20 -1.12 0.00	33.51 -0.89 0.00	29.09 -1.04 0.00	29.46 -1.17 0.00	25.23 -0.60 0.00	26.70 -0.26 0.00
NIAGARA___115KV_198_GIBSON 55903	17.68 -0.67 0.00	16.82 -0.81 0.00	13.19 -0.82 0.00	11.00 -0.76 0.00	11.06 -0.75 0.00	12.32 -0.73 0.00	15.31 -1.13 0.00	16.58 -1.17 0.00	16.19 -1.35 0.00	15.15 -1.17 0.00	18.13 -1.29 0.00	19.10 -1.36 0.00	18.83 -1.37 0.00	18.23 -1.08 0.00	18.90 -1.09 0.00	26.44 -1.41 0.00	24.33 -1.39 0.01	29.25 -1.78 0.02	30.70 -1.63 0.00	32.98 -1.42 0.00	28.63 -1.50 0.00	29.02 -1.61 0.00	24.92 -0.91 0.00	26.52 -0.45 0.00
NIAGARA____ 23760	17.82 -0.53 0.00	16.96 -0.67 0.00	13.30 -0.71 0.00	11.09 -0.67 0.00	11.16 -0.65 0.00	12.41 -0.63 0.00	15.46 -0.98 0.00	16.74 -1.00 0.00	16.44 -1.10 0.00	15.40 -0.92 0.00	18.44 -0.98 0.00	19.44 -1.02 0.00	19.16 -1.04 0.00	18.53 -0.77 0.00	19.23 -0.76 0.00	26.89 -0.96 0.00	24.77 -0.96 0.00	29.79 -1.26 0.01	31.20 -1.12 0.00	33.51 -0.89 0.00	29.09 -1.04 0.00	29.46 -1.17 0.00	25.23 -0.60 0.00	26.70 -0.26 0.00
NINE_MILE_1 23575	17.94 -0.40 0.00	17.22 -0.40 0.00	13.66 -0.36 0.00	11.44 -0.32 0.00	11.51 -0.31 0.00	12.70 -0.35 0.00	15.95 -0.48 0.00	17.18 -0.56 0.00	16.98 -0.56 0.00	15.82 -0.50 0.00	18.82 -0.60 0.00	19.80 -0.66 0.00	19.57 -0.63 0.00	18.77 -0.54 0.00	19.43 -0.56 0.00	27.09 -0.76 0.00	25.05 -0.68 0.00	30.28 -0.77 0.00	31.52 -0.80 0.00	33.59 -0.81 0.00	29.38 -0.75 0.00	29.80 -0.83 0.00	25.14 -0.70 0.00	26.25 -0.71 0.00
NINE_MILE_2 23744	17.95 -0.40 0.00	17.22 -0.40 0.00	13.66 -0.36 0.00	11.45 -0.31 0.00	11.51 -0.31 0.00	12.70 -0.35 0.00	15.96 -0.48 0.00	17.18 -0.56 0.00	16.98 -0.56 0.00	15.82 -0.50 0.00	18.82 -0.60 0.00	19.80 -0.66 0.00	19.57 -0.63 0.00	18.77 -0.54 0.00	19.43 -0.56 0.00	27.09 -0.76 0.00	25.05 -0.68 0.00	30.28 -0.77 0.00	31.52 -0.80 0.00	33.59 -0.81 0.00	29.38 -0.75 0.00	29.80 -0.83 0.00	25.14 -0.70 0.00	26.25 -0.71 0.00
NM_CAPITAL___DRP 24208	18.80 0.46 0.00	18.20 0.58 0.00	14.49 0.48 0.00	12.15 0.39 0.00	12.21 0.39 0.00	13.48 0.43 0.00	17.03 0.59 0.00	18.29 0.55 0.00	18.03 0.49 0.00	16.72 0.40 0.00	19.90 0.48 0.00	21.46 0.51 -0.51	20.82 0.54 -0.07	20.27 0.58 -0.38	21.26 0.61 -0.66	28.65 0.77 -0.03	26.50 0.78 0.00	32.10 1.05 0.00	33.40 1.08 0.00	35.58 1.18 0.00	31.21 1.08 0.00	31.52 0.89 0.00	26.54 0.71 0.00	27.52 0.55 0.00
NM_CENTRAL___DRP 24181	18.29 -0.05 0.00	17.55 -0.08 0.00	13.90 -0.11 0.00	11.64 -0.12 0.00	11.70 -0.10 0.00	12.94 -0.11 0.00	16.28 -0.16 0.00	17.55 -0.20 0.00	17.35 -0.19 0.00	16.17 -0.15 0.00	19.26 -0.16 0.00	20.28 -0.17 0.00	20.03 -0.15 0.02	18.73 -0.07 0.51	14.35 -0.03 5.61	21.44 0.00 6.42	23.52 0.03 2.24	29.42 0.08 1.72	32.42 0.09 0.00	34.53 0.13 0.00	30.19 0.06 0.00	30.61 -0.02 0.00	25.80 -0.04 0.00	26.90 -0.07 0.00

NM_FRONTIER___DRP 24179	17.68 -0.67 0.00	16.82 -0.81 0.00	13.19 -0.82 0.00	11.00 -0.76 0.00	11.06 -0.75 0.00	12.32 -0.73 0.00	15.31 -1.13 0.00	16.58 -1.17 0.00	16.19 -1.35 0.00	15.15 -1.17 0.00	18.13 -1.29 0.00	19.10 -1.36 0.00	18.83 -1.37 0.00	18.23 -1.08 0.00	18.90 -1.09 0.00	26.44 -1.41 0.00	24.33 -1.39 0.01	29.25 -1.78 0.02	30.70 -1.63 0.00	32.98 -1.42 0.00	28.63 -1.50 0.00	29.02 -1.61 0.00	24.92 -0.91 0.00	26.52 -0.45 0.00
NM_ST_REGIS___HYD 24053	17.95 -0.40 0.00	17.16 -0.46 0.00	13.74 -0.28 0.00	11.67 -0.09 0.00	11.61 -0.21 0.00	12.79 -0.25 0.00	16.11 -0.33 0.00	17.43 -0.31 0.00	17.23 -0.30 0.00	15.99 -0.33 0.00	18.95 -0.46 0.00	19.89 -0.56 0.00	18.93 -0.62 0.65	1.79 -0.92 16.60	-169.96 -1.04 188.92	-182.38 -1.45 208.79	-77.52 -1.37 101.89	-65.39 -1.70 94.75	3.08 -1.41 27.84	33.07 -1.33 0.00	14.54 -1.11 14.48	-0.55 -1.09 30.09	-7.75 -0.75 32.83	7.86 -0.67 18.43
NORTHPORT___1 23551	19.66 1.31 0.00	18.88 1.25 0.00	15.08 1.06 0.00	12.70 0.94 0.00	12.78 0.97 0.00	14.04 1.00 0.00	17.84 1.40 0.00	19.22 1.48 0.00	19.01 1.47 0.00	17.67 1.38 0.03	22.55 1.85 -1.28	31.65 1.95 -9.25	31.40 1.95 -9.25	43.66 1.87 -22.48	31.25 1.95 -9.30	65.08 2.73 -34.50	28.28 2.55 0.00	34.14 3.08 0.00	35.31 2.98 0.00	37.47 3.07 0.00	36.97 2.71 -4.13	90.27 2.75 -56.90	48.70 2.49 -20.37	30.41 2.31 -1.14
NORTHPORT___2 23552	19.66 1.31 0.00	18.88 1.25 0.00	15.08 1.06 0.00	12.70 0.94 0.00	12.78 0.97 0.00	14.04 1.00 0.00	17.84 1.40 0.00	19.22 1.48 0.00	19.01 1.47 0.00	17.67 1.38 0.03	22.55 1.85 -1.28	31.65 1.95 -9.25	31.40 1.95 -9.25	43.66 1.87 -22.48	31.25 1.95 -9.30	65.08 2.73 -34.50	28.28 2.55 0.00	34.14 3.08 0.00	35.31 2.98 0.00	37.47 3.07 0.00	36.97 2.71 -4.13	90.27 2.75 -56.90	48.70 2.49 -20.37	30.41 2.31 -1.14
NORTHPORT___3 23553	19.56 1.22 0.00	18.79 1.16 0.00	14.99 0.98 0.00	12.63 0.87 0.00	12.71 0.90 0.00	13.97 0.93 0.00	17.74 1.30 0.00	19.10 1.35 0.00	18.87 1.33 0.00	17.54 1.25 0.03	22.47 1.77 -1.28	31.53 1.83 -9.25	31.27 1.82 -9.25	43.55 1.77 -22.48	31.18 1.88 -9.30	64.88 2.53 -34.50	28.09 2.36 0.00	33.94 2.88 0.00	35.09 2.77 0.00	37.04 2.82 0.18	36.78 2.51 -4.13	90.23 2.71 -56.90	48.64 2.44 -20.37	30.37 2.27 -1.14
NORTHPORT___4 23650	19.56 1.22 0.00	18.79 1.16 0.00	14.99 0.98 0.00	12.63 0.87 0.00	12.71 0.90 0.00	13.97 0.93 0.00	17.74 1.30 0.00	19.10 1.35 0.00	18.87 1.33 0.00	17.54 1.25 0.03	22.47 1.77 -1.28	31.53 1.83 -9.25	31.27 1.82 -9.25	43.55 1.77 -22.48	31.18 1.88 -9.30	64.88 2.53 -34.50	28.09 2.36 0.00	33.94 2.88 0.00	35.09 2.77 0.00	37.04 2.82 0.18	36.78 2.51 -4.13	90.23 2.71 -56.90	48.64 2.44 -20.37	30.37 2.27 -1.14
NORTHPORT___IC 23718	19.66 1.31 0.00	18.88 1.25 0.00	15.08 1.06 0.00	12.70 0.94 0.00	12.78 0.97 0.00	14.04 0.99 0.00	17.84 1.40 0.00	19.22 1.48 0.00	19.02 1.48 0.00	17.67 1.38 0.03	22.54 1.85 -1.28	31.65 1.95 -9.25	31.40 1.95 -9.25	43.66 1.87 -22.48	31.25 1.95 -9.30	65.08 2.73 -34.50	28.27 2.55 0.00	34.13 3.08 0.00	35.31 2.99 0.00	37.47 3.06 0.00	36.97 2.71 -4.13	90.27 2.75 -56.90	48.70 2.50 -20.37	30.41 2.31 -1.14
NORTH___COUNTRY_ESR 323785	18.03 -0.31 0.00	17.20 -0.43 0.00	13.73 -0.29 0.00	11.59 -0.17 0.00	11.65 -0.16 0.00	12.85 -0.19 0.00	16.22 -0.22 0.00	17.54 -0.20 0.00	17.28 -0.26 0.00	16.05 -0.27 0.00	19.04 -0.38 0.00	19.94 -0.51 0.00	19.56 -0.53 0.11	14.23 -0.80 4.28	-34.95 -0.97 53.97	-26.84 -1.42 53.26	-28.32 -1.11 52.93	-29.83 -0.99 59.90	-1.09 -0.54 32.88	33.83 -0.57 0.00	12.41 -0.61 17.10	-6.14 -1.23 35.54	-20.06 -1.42 44.47	-21.69 -1.36 47.30
NPX_GEN_1385_PROXY 323591	19.73 1.38 0.00	18.94 1.32 0.00	15.15 1.13 0.00	12.83 1.07 0.00	12.91 1.10 0.00	14.15 1.10 0.00	17.94 1.50 0.00	19.28 1.54 0.00	18.88 1.34 0.00	17.53 1.24 0.03	22.26 1.56 -1.28	31.41 1.70 -9.25	31.07 1.62 -9.25	43.22 1.44 -22.48	30.71 1.41 -9.30	64.61 2.26 -34.50	27.62 1.89 0.00	33.34 2.29 0.00	34.49 2.16 0.00	36.93 2.53 0.00	36.51 2.24 -4.13	89.83 2.31 -56.90	48.52 2.32 -20.37	29.91 1.81 -1.14
NPX_GEN_CSC 323557	19.52 1.18 0.00	18.76 1.14 0.00	15.12 1.11 0.00	12.73 0.97 0.00	12.84 1.03 0.00	14.06 1.02 0.00	17.90 1.46 0.00	19.24 1.50 0.00	19.14 1.60 0.00	17.84 1.54 0.03	22.54 1.84 -1.28	31.64 1.93 -9.25	31.43 1.98 -9.25	43.69 1.90 -22.48	31.26 1.96 -9.30	65.10 2.75 -34.50	28.27 2.55 0.00	34.18 3.13 0.00	35.42 3.09 0.00	37.62 3.22 0.00	37.10 2.84 -4.13	90.31 2.78 -56.90	48.64 2.43 -20.37	30.37 2.27 -1.14
NSINS_S_GLNS_FALLS 23858	19.29 0.94 0.00	18.56 0.93 0.00	14.72 0.71 0.00	12.34 0.58 0.00	12.43 0.62 0.00	13.76 0.71 0.00	17.44 1.01 0.00	18.77 1.02 0.00	18.46 0.92 0.00	17.09 0.77 0.00	20.30 0.89 0.00	21.90 0.98 -0.47	21.23 0.96 -0.07	20.68 1.02 -0.36	21.71 1.11 -0.61	29.59 1.71 -0.03	27.38 1.66 0.00	33.31 2.26 0.00	34.65 2.33 0.00	36.74 2.33 0.00	32.40 2.28 0.00	32.73 2.10 0.00	27.66 1.83 0.00	28.62 1.66 0.00
NUCOR_STEEL___DRP 24197	18.47 0.13 0.00	17.77 0.15 0.00	14.02 0.01 0.00	11.73 -0.03 0.00	11.80 0.00 0.00	13.05 0.01 0.00	16.49 0.05 0.00	17.73 -0.01 0.00	17.54 0.00 0.00	16.36 0.04 0.00	19.40 -0.02 0.00	20.48 0.03 0.00	20.23 0.04 0.02	19.08 0.14 0.36	16.14 0.17 4.01	23.59 0.33 4.59	24.50 0.37 1.60	30.45 0.62 1.23	32.83 0.51 0.00	35.14 0.74 0.00	30.70 0.57 0.00	31.13 0.50 0.00	26.13 0.30 0.00	27.31 0.35 0.00
NUMBER_THREE_WT_PWR 323818	18.37 0.02 0.00	17.64 0.01 0.00	13.99 -0.03 0.00	11.73 -0.03 0.00	11.68 -0.13 0.00	12.91 -0.14 0.00	16.30 -0.14 0.00	17.54 -0.20 0.00	17.54 0.00 0.00	16.29 -0.03 0.00	19.33 -0.09 0.00	20.05 -0.40 0.00	19.39 -0.59 0.22	13.06 -0.72 5.52	-42.74 -0.37 62.36	-41.92 -0.26 69.51	-6.29 -0.57 31.44	2.15 -0.65 28.26	24.88 -0.55 6.90	34.27 -0.13 0.00	26.41 -0.13 3.59	22.80 -0.37 7.46	17.22 -0.40 8.21	21.48 -0.57 4.91
NYISO_LBMP_REFERENCE 24008	18.34 0.00 0.00	17.63 0.00 0.00	14.01 0.00 0.00	11.76 0.00 0.00	11.81 0.00 0.00	13.05 0.00 0.00	16.44 0.00 0.00	17.74 0.00 0.00	17.54 0.00 0.00	16.32 0.00 0.00	19.42 0.00 0.00	20.45 0.00 0.00	20.20 0.00 0.00	19.30 0.00 0.00	19.99 0.00 0.00	27.85 0.00 0.00	25.73 0.00 0.00	31.05 0.00 0.00	32.33 0.00 0.00	34.40 0.00 0.00	30.13 0.00 0.00	30.63 0.00 0.00	25.83 0.00 0.00	26.96 0.00 0.00
NYPA_BRENTWD____GT 24164	19.84 1.50 0.00	19.04 1.42 0.00	15.20 1.19 0.00	12.80 1.04 0.00	12.89 1.08 0.00	14.16 1.12 0.00	18.01 1.57 0.00	19.42 1.68 0.00	19.23 1.69 0.00	17.89 1.59 0.03	22.79 2.09 -1.28	31.90 2.19 -9.25	31.67 2.22 -9.25	43.92 2.14 -22.48	31.47 2.17 -9.30	65.43 3.09 -34.50	28.63 2.90 0.00	34.58 3.53 0.00	35.81 3.48 0.00	37.98 3.58 0.00	37.50 3.23 -4.13	90.77 3.24 -56.90	49.05 2.85 -20.37	30.78 2.68 -1.14

NYPA_GOWANUS____GT5 24156	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NYPA_GOWANUS____GT6 24157	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.74 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.03 0.00	35.22 2.89 0.00	37.20 2.80 0.00	32.64 2.51 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.80 1.84 0.00
NYPA_HARLEM__RVR__GT1 24160	19.44 1.09 0.00	18.69 1.06 0.00	14.80 0.79 0.00	12.44 0.68 0.00	12.51 0.70 0.00	13.83 0.79 0.00	17.53 1.09 0.00	18.96 1.22 0.00	18.83 1.29 0.00	17.59 1.26 0.00	21.06 1.64 -0.01	25.16 1.73 -2.98	22.42 1.79 -0.42	23.30 1.74 -2.25	25.67 1.81 -3.87	30.45 2.45 -0.15	28.07 2.35 0.00	33.82 2.77 0.00	34.94 2.62 0.00	36.92 2.52 0.00	32.40 2.27 0.00	32.88 2.25 0.00	27.80 1.97 0.00	28.68 1.72 0.00
NYPA_HARLEM__RVR__GT2 24161	19.44 1.09 0.00	18.69 1.06 0.00	14.80 0.79 0.00	12.44 0.68 0.00	12.51 0.70 0.00	13.83 0.79 0.00	17.53 1.09 0.00	18.96 1.22 0.00	18.83 1.29 0.00	17.59 1.26 0.00	21.06 1.64 -0.01	25.16 1.73 -2.98	22.42 1.79 -0.42	23.30 1.74 -2.25	25.67 1.81 -3.87	30.45 2.45 -0.15	28.07 2.35 0.00	33.82 2.77 0.00	34.94 2.62 0.00	36.92 2.52 0.00	32.40 2.27 0.00	32.88 2.25 0.00	27.80 1.97 0.00	28.68 1.72 0.00
NYPA_KENT____GT 24152	19.49 1.14 0.00	18.74 1.12 0.00	14.87 0.86 0.00	12.48 0.72 0.00	12.55 0.74 0.00	13.87 0.83 0.00	17.59 1.15 0.00	19.03 1.29 0.00	18.91 1.37 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.19 1.76 -2.98	22.44 1.81 -0.42	23.35 1.79 -2.25	25.74 1.87 -3.87	30.61 2.60 -0.16	28.26 2.54 0.00	34.05 3.00 0.00	35.18 2.86 0.00	37.17 2.77 0.00	32.58 2.45 0.00	33.03 2.40 0.00	27.87 2.03 0.00	28.78 1.82 0.00
NYPA_POUCH1____GT 24155	19.48 1.14 0.00	18.73 1.11 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.54 0.73 0.00	13.87 0.82 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.87 1.33 0.00	17.58 1.25 -0.01	20.98 1.56 0.00	25.08 1.65 -2.98	22.33 1.71 -0.42	23.25 1.69 -2.25	25.66 1.80 -3.87	30.52 2.51 -0.16	28.21 2.48 0.00	33.96 2.90 0.00	35.07 2.75 0.00	37.04 2.63 0.00	32.55 2.42 0.00	33.02 2.39 0.00	27.84 2.00 0.00	28.73 1.77 0.00
NYPA_VERNON____GT2 24162	19.46 1.12 0.00	18.72 1.10 0.00	14.86 0.85 0.00	12.47 0.71 0.00	12.55 0.74 0.00	13.87 0.82 0.00	17.58 1.14 0.00	19.03 1.28 0.00	18.90 1.36 0.00	17.65 1.32 -0.01	21.08 1.66 0.00	25.20 1.77 -2.98	22.45 1.82 -0.42	23.35 1.79 -2.25	25.72 1.86 -3.87	30.59 2.58 -0.16	28.23 2.50 0.00	34.04 2.99 0.00	35.16 2.84 0.00	37.15 2.74 0.00	32.53 2.40 0.00	32.97 2.34 0.00	27.83 2.00 0.00	28.75 1.79 0.00
NYPA_VERNON____GT3 24163	19.46 1.12 0.00	18.72 1.10 0.00	14.86 0.85 0.00	12.47 0.71 0.00	12.55 0.74 0.00	13.87 0.82 0.00	17.58 1.14 0.00	19.03 1.28 0.00	18.90 1.36 0.00	17.65 1.32 -0.01	21.08 1.66 0.00	25.20 1.77 -2.98	22.45 1.82 -0.42	23.35 1.79 -2.25	25.72 1.86 -3.87	30.59 2.58 -0.16	28.23 2.50 0.00	34.04 2.99 0.00	35.16 2.84 0.00	37.15 2.74 0.00	32.53 2.40 0.00	32.97 2.34 0.00	27.83 2.00 0.00	28.75 1.79 0.00
NYPA__ASTORIA_CC1 323568	19.43 1.08 0.00	18.69 1.06 0.00	14.84 0.83 0.00	12.45 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.86 1.32 0.00	17.62 1.29 -0.01	21.04 1.62 0.00	25.15 1.73 -2.98	22.40 1.78 -0.42	23.31 1.75 -2.25	25.68 1.81 -3.87	30.53 2.51 -0.16	28.17 2.44 0.00	33.95 2.90 0.00	35.08 2.75 0.00	37.05 2.64 0.00	32.46 2.33 0.00	32.91 2.28 0.00	27.79 1.95 0.00	28.70 1.74 0.00
NYPA__ASTORIA_CC2 323569	19.43 1.08 0.00	18.69 1.06 0.00	14.84 0.83 0.00	12.45 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.24 0.00	18.86 1.32 0.00	17.62 1.29 -0.01	21.04 1.62 0.00	25.15 1.73 -2.98	22.40 1.78 -0.42	23.31 1.75 -2.25	25.68 1.81 -3.87	30.53 2.51 -0.16	28.17 2.44 0.00	33.95 2.90 0.00	35.08 2.75 0.00	37.05 2.64 0.00	32.46 2.33 0.00	32.91 2.28 0.00	27.79 1.95 0.00	28.70 1.74 0.00
NYPA__HOLTSVILL 23794	19.69 1.34 0.00	18.91 1.28 0.00	15.14 1.12 0.00	12.74 0.98 0.00	12.83 1.03 0.00	14.10 1.05 0.00	17.93 1.49 0.00	19.31 1.57 0.00	19.15 1.61 0.00	17.79 1.50 0.03	22.63 1.93 -1.28	31.73 2.02 -9.25	31.50 2.05 -9.25	43.76 1.98 -22.48	31.36 2.06 -9.30	65.25 2.90 -34.50	28.40 2.67 0.00	34.30 3.25 0.00	35.50 3.18 0.00	37.70 3.29 0.00	37.16 2.90 -4.13	90.41 2.88 -56.90	48.76 2.55 -20.37	30.54 2.44 -1.14
NYPA____HELLGATE_GT1 24158	19.44 1.09 0.00	18.69 1.06 0.00	14.80 0.79 0.00	12.44 0.68 0.00	12.51 0.70 0.00	13.83 0.79 0.00	17.53 1.09 0.00	18.96 1.22 0.00	18.83 1.29 0.00	17.59 1.26 0.00	21.06 1.64 0.00	25.16 1.73 -2.98	22.41 1.79 -0.42	23.30 1.74 -2.25	25.67 1.81 -3.87	30.45 2.45 -0.15	28.07 2.35 0.00	33.82 2.77 0.00	34.94 2.62 0.00	36.92 2.52 0.00	32.40 2.27 0.00	32.88 2.25 0.00	27.80 1.97 0.00	28.68 1.72 0.00
NYPA____HELLGATE_GT2 24159	19.44 1.09 0.00	18.69 1.06 0.00	14.80 0.79 0.00	12.44 0.68 0.00	12.51 0.70 0.00	13.83 0.79 0.00	17.53 1.09 0.00	18.96 1.22 0.00	18.83 1.29 0.00	17.59 1.26 0.00	21.06 1.64 0.00	25.16 1.73 -2.98	22.41 1.79 -0.42	23.30 1.74 -2.25	25.67 1.81 -3.87	30.45 2.45 -0.15	28.07 2.35 0.00	33.82 2.77 0.00	34.94 2.62 0.00	36.92 2.52 0.00	32.40 2.27 0.00	32.88 2.25 0.00	27.80 1.97 0.00	28.68 1.72 0.00
NYS_BARGE__HYD 23848	18.03 -0.31 0.00	17.15 -0.48 0.00	13.45 -0.57 0.00	11.20 -0.55 0.00	11.27 -0.54 0.00	12.55 -0.50 0.00	15.63 -0.81 0.00	16.94 -0.80 0.00	16.64 -0.91 0.00	15.59 -0.73 0.00	18.66 -0.75 0.00	19.67 -0.78 0.00	19.40 -0.80 0.00	18.81 -0.50 0.00	19.53 -0.46 0.00	27.37 -0.48 0.00	25.22 -0.51 0.00	30.35 -0.71 -0.01	31.78 -0.54 0.00	34.17 -0.24 0.00	29.66 -0.47 0.00	30.03 -0.60 0.00	25.69 -0.14 0.00	27.14 0.17 0.00
OAK ORCHARD__HYD 24046	18.24 -0.10 0.00	17.42 -0.21 0.00	13.72 -0.30 0.00	11.46 -0.29 0.00	11.53 -0.28 0.00	12.80 -0.25 0.00	16.04 -0.40 0.00	17.34 -0.40 0.00	17.11 -0.44 0.00	15.98 -0.34 0.00	19.09 -0.32 0.00	20.16 -0.30 0.00	19.92 -0.28 0.00	19.21 -0.10 0.00	19.93 -0.06 0.00	27.92 0.07 0.00	25.77 0.04 0.00	31.12 0.07 0.00	32.58 0.25 0.00	34.89 0.49 0.00	30.36 0.24 0.00	30.72 0.09 0.00	26.06 0.22 0.00	27.33 0.36 0.00

OAKDALE___35_KV_LOAD 356122	18.54 0.20 0.00	17.78 0.15 0.00	14.08 0.06 0.00	11.79 0.03 0.00	11.87 0.06 0.00	13.12 0.07 0.00	16.55 0.11 0.00	17.85 0.10 0.00	17.58 0.04 0.00	16.38 0.05 0.00	19.56 0.15 0.00	20.60 0.15 0.00	20.30 0.10 0.00	19.47 0.16 0.00	20.29 0.30 0.00	28.29 0.44 0.00	26.15 0.42 0.00	31.81 0.76 0.00	33.06 0.73 0.00	35.14 0.74 0.00	30.67 0.54 0.00	31.04 0.41 0.00	26.18 0.35 0.00	27.26 0.30 0.00
OCC_CHEM___DRP 24175	17.71 -0.63 0.00	16.86 -0.77 0.00	13.22 -0.80 0.00	11.02 -0.74 0.00	11.09 -0.72 0.00	12.34 -0.71 0.00	15.34 -1.10 0.00	16.61 -1.13 0.00	16.23 -1.31 0.00	15.19 -1.13 0.00	18.18 -1.24 0.00	19.15 -1.30 0.00	18.89 -1.31 0.00	18.29 -1.02 0.00	18.97 -1.03 0.00	26.52 -1.33 0.00	24.40 -1.32 0.01	29.33 -1.70 0.03	30.79 -1.53 0.00	33.08 -1.32 0.00	28.72 -1.41 0.00	29.11 -1.52 0.00	24.99 -0.84 0.00	26.58 -0.39 0.00
OH_GEN_PROXY 24063	17.84 -0.50 0.00	16.99 -0.64 0.00	13.32 -0.69 0.00	11.11 -0.65 0.00	11.18 -0.63 0.00	12.43 -0.61 0.00	15.50 -0.94 0.00	16.79 -0.96 0.00	16.51 -1.04 0.00	15.45 -0.87 0.00	18.50 -0.92 0.00	19.50 -0.95 0.00	19.22 -0.98 0.00	18.59 -0.72 0.00	19.29 -0.70 0.00	26.97 -0.88 0.00	24.85 -0.88 0.00	29.89 -1.16 0.00	31.30 -1.03 0.00	33.59 -0.81 0.00	29.17 -0.96 0.00	29.54 -1.09 0.00	25.27 -0.57 0.00	26.72 -0.24 0.00
OLIN_CORP_DRP 24177	17.79 -0.55 0.00	16.93 -0.70 0.00	13.27 -0.74 0.00	11.06 -0.70 0.00	11.13 -0.68 0.00	12.39 -0.65 0.00	15.43 -1.01 0.00	16.70 -1.04 0.00	16.40 -1.14 0.00	15.37 -0.95 0.00	18.41 -1.01 0.00	19.38 -1.07 0.00	19.12 -1.08 0.00	18.50 -0.80 0.00	19.21 -0.78 0.00	26.88 -0.97 0.00	24.72 -1.00 0.00	29.72 -1.33 0.00	31.19 -1.14 0.00	33.52 -0.88 0.00	29.09 -1.04 0.00	29.47 -1.15 0.00	25.26 -0.58 0.00	26.70 -0.26 0.00
OLIN_CORP_DSASP 323712	17.71 -0.63 0.00	16.86 -0.77 0.00	13.22 -0.80 0.00	11.02 -0.74 0.00	11.09 -0.72 0.00	12.34 -0.71 0.00	15.34 -1.10 0.00	16.62 -1.12 0.00	16.23 -1.31 0.00	15.19 -1.13 0.00	18.18 -1.24 0.00	19.16 -1.29 0.00	18.91 -1.30 0.00	18.30 -1.01 0.00	18.97 -1.02 0.00	26.52 -1.33 0.00	24.42 -1.30 0.01	29.37 -1.66 0.03	30.79 -1.53 0.00	33.08 -1.32 0.00	28.72 -1.41 0.00	29.10 -1.53 0.00	25.00 -0.84 0.00	26.59 -0.38 0.00
ONEIDA_HERK_LFGE 323681	18.62 0.27 0.00	17.87 0.25 0.00	14.19 0.17 0.00	11.89 0.13 0.00	11.91 0.10 0.00	13.17 0.12 0.00	16.63 0.19 0.00	17.92 0.17 0.00	17.78 0.24 0.00	16.52 0.20 0.00	19.63 0.21 0.00	20.56 0.11 0.00	20.12 0.02 0.10	16.83 0.02 2.49	-7.71 0.18 27.89	-3.10 0.38 31.34	12.92 0.30 13.10	20.20 0.46 11.32	30.74 0.50 2.09	35.12 0.72 0.00	29.67 0.63 1.09	28.88 0.51 2.26	23.73 0.35 2.46	25.83 0.23 1.36
ONEIDA___115KV_TB4 55905	18.81 0.47 0.00	18.05 0.42 0.00	14.31 0.29 0.00	11.98 0.22 0.00	12.04 0.23 0.00	13.32 0.28 0.00	16.83 0.39 0.00	18.12 0.37 0.00	17.90 0.35 0.00	16.63 0.30 0.00	19.80 0.38 0.00	20.85 0.40 0.00	20.50 0.34 0.04	18.71 0.41 1.01	9.34 0.52 11.16	15.90 0.81 12.76	22.14 0.86 4.45	28.85 1.23 3.43	33.51 1.19 0.00	35.73 1.32 0.00	31.31 1.18 0.00	31.77 1.14 0.00	26.69 0.86 0.00	27.72 0.76 0.00
ONONDAGA_REF_OCCRA 23987	18.36 0.01 0.00	17.61 -0.02 0.00	13.95 -0.07 0.00	11.67 -0.08 0.00	11.75 -0.06 0.00	12.98 -0.06 0.00	16.34 -0.10 0.00	17.62 -0.12 0.00	17.42 -0.12 0.00	16.24 -0.08 0.00	19.34 -0.08 0.00	20.37 -0.08 0.00	20.12 -0.06 0.02	18.88 0.03 0.45	15.04 0.06 5.01	22.26 0.14 5.72	23.90 0.17 2.00	29.77 0.25 1.54	32.60 0.28 0.00	34.72 0.32 0.00	30.34 0.21 0.00	30.76 0.13 0.00	25.92 0.08 0.00	27.01 0.05 0.00
ONONDAGA___COGEN 23986	18.36 0.02 0.00	17.64 0.01 0.00	13.96 -0.05 0.00	11.68 -0.07 0.00	11.77 -0.04 0.00	13.00 -0.05 0.00	16.37 -0.07 0.00	17.64 -0.11 0.00	17.43 -0.11 0.00	16.25 -0.07 0.00	19.35 -0.07 0.00	20.37 -0.08 0.00	20.12 -0.06 0.02	18.90 0.03 0.43	15.31 0.05 4.74	22.56 0.13 5.42	24.01 0.17 1.89	29.88 0.28 1.45	32.61 0.28 0.00	34.76 0.36 0.00	30.37 0.24 0.00	30.78 0.15 0.00	25.92 0.09 0.00	27.03 0.07 0.00
ONTARIO___LFGE 23819	18.48 0.13 0.00	17.64 0.01 0.00	13.90 -0.11 0.00	11.60 -0.16 0.00	11.67 -0.14 0.00	12.94 -0.11 0.00	16.31 -0.13 0.00	17.64 -0.10 0.00	17.42 -0.12 0.00	16.23 -0.09 0.00	19.37 -0.05 0.00	20.41 -0.04 0.00	20.12 -0.08 0.00	19.36 0.05 0.00	20.15 0.16 0.00	28.18 0.33 0.00	26.15 0.42 0.00	31.72 0.66 0.00	33.10 0.78 0.00	35.44 1.04 0.00	30.89 0.76 0.00	31.16 0.53 0.00	26.25 0.41 0.00	27.36 0.40 0.00
ORANGEVILLE_WT_PWR 323706	18.15 -0.19 0.00	17.23 -0.40 0.00	13.47 -0.54 0.00	11.15 -0.61 0.00	11.21 -0.60 0.00	12.43 -0.61 0.00	15.58 -0.86 0.00	16.94 -0.81 0.00	16.79 -0.75 0.00	15.74 -0.58 0.00	18.89 -0.53 0.00	19.91 -0.55 0.00	19.54 -0.66 0.00	18.80 -0.50 0.00	19.63 -0.36 0.00	27.42 -0.43 0.00	25.30 -0.43 0.00	30.51 -0.55 0.00	31.76 -0.56 0.00	34.06 -0.34 0.00	29.57 -0.56 0.00	29.75 -0.88 0.00	25.23 -0.60 0.00	26.48 -0.49 0.00
ORANGEVILLE___ESR 323794	18.15 -0.19 0.00	17.23 -0.40 0.00	13.47 -0.54 0.00	11.15 -0.61 0.00	11.21 -0.60 0.00	12.43 -0.61 0.00	15.58 -0.86 0.00	16.94 -0.81 0.00	16.79 -0.75 0.00	15.74 -0.58 0.00	18.89 -0.53 0.00	19.91 -0.55 0.00	19.54 -0.66 0.00	18.80 -0.50 0.00	19.63 -0.36 0.00	27.42 -0.43 0.00	25.30 -0.43 0.00	30.51 -0.55 0.00	31.76 -0.56 0.00	34.06 -0.34 0.00	29.57 -0.56 0.00	29.75 -0.88 0.00	25.23 -0.60 0.00	26.48 -0.49 0.00
OSWEGATCHIE___HYD 24044	18.12 -0.22 0.00	17.37 -0.25 0.00	13.84 -0.17 0.00	11.69 -0.06 0.00	11.62 -0.19 0.00	12.83 -0.22 0.00	16.17 -0.26 0.00	17.44 -0.31 0.00	17.35 -0.19 0.00	16.11 -0.21 0.00	19.07 -0.35 0.00	19.90 -0.55 0.00	19.01 -0.68 0.51	5.65 -0.88 12.77	-125.42 -0.76 144.64	-133.81 -0.92 160.74	-50.01 -1.03 74.70	-38.24 -1.30 67.99	13.37 -1.10 17.86	33.56 -0.85 0.00	20.16 -0.68 9.29	10.64 -0.68 19.30	4.05 -0.47 21.31	13.49 -0.53 12.94
OSWEGO___5 23606	18.09 -0.25 0.00	17.36 -0.26 0.00	13.76 -0.25 0.00	11.53 -0.23 0.00	11.59 -0.22 0.00	12.80 -0.24 0.00	16.10 -0.34 0.00	17.34 -0.40 0.00	17.15 -0.40 0.00	15.97 -0.36 0.00	19.00 -0.41 0.00	20.00 -0.46 0.00	19.76 -0.44 0.00	18.95 -0.36 0.00	19.64 -0.35 0.00	27.38 -0.47 0.00	25.32 -0.41 0.00	30.62 -0.43 0.00	31.87 -0.45 0.00	33.96 -0.44 0.00	29.70 -0.43 0.00	30.11 -0.52 0.00	25.40 -0.43 0.00	26.52 -0.45 0.00
OSWEGO___6 23613	18.09 -0.25 0.00	17.36 -0.26 0.00	13.76 -0.25 0.00	11.53 -0.23 0.00	11.59 -0.22 0.00	12.80 -0.24 0.00	16.10 -0.34 0.00	17.34 -0.40 0.00	17.15 -0.40 0.00	15.97 -0.36 0.00	19.00 -0.41 0.00	20.00 -0.46 0.00	19.76 -0.44 0.00	18.95 -0.36 0.00	19.64 -0.35 0.00	27.38 -0.47 0.00	25.32 -0.41 0.00	30.62 -0.43 0.00	31.87 -0.45 0.00	33.96 -0.44 0.00	29.70 -0.43 0.00	30.11 -0.52 0.00	25.40 -0.43 0.00	26.52 -0.45 0.00

OUTOKUMPU-AB___DRP 24206	18.15 -0.20 0.00	17.25 -0.38 0.00	13.51 -0.50 0.00	11.26 -0.50 0.00	11.33 -0.49 0.00	12.61 -0.44 0.00	15.72 -0.72 0.00	17.05 -0.69 0.00	16.75 -0.79 0.00	15.69 -0.63 0.00	18.80 -0.61 0.00	19.82 -0.64 0.00	19.54 -0.66 0.00	18.92 -0.39 0.00	19.67 -0.32 0.00	27.56 -0.30 0.00	25.38 -0.35 -0.01	30.57 -0.51 -0.03	32.01 -0.32 0.00	34.36 -0.04 0.00	29.81 -0.32 0.00	30.16 -0.47 0.00	25.80 -0.04 0.00	27.25 0.29 0.00
OXBOW___BTM 323836	17.94 -0.41 0.00	17.06 -0.56 0.00	13.38 -0.64 0.00	11.14 -0.61 0.00	11.21 -0.60 0.00	12.48 -0.56 0.00	15.54 -0.90 0.00	16.85 -0.89 0.00	16.51 -1.03 0.00	15.46 -0.86 0.00	18.52 -0.90 0.00	19.52 -0.93 0.00	19.25 -0.95 0.00	18.65 -0.66 0.00	19.36 -0.63 0.00	27.09 -0.77 0.00	24.97 -0.77 -0.01	30.08 -1.01 -0.03	31.47 -0.86 0.00	33.79 -0.61 0.00	29.32 -0.81 0.00	29.69 -0.94 0.00	25.45 -0.39 0.00	26.97 0.01 0.00
OXBOW___ 24026	17.94 -0.40 0.00	17.06 -0.56 0.00	13.38 -0.64 0.00	11.14 -0.61 0.00	11.21 -0.60 0.00	12.48 -0.56 0.00	15.54 -0.90 0.00	16.85 -0.90 0.00	16.51 -1.03 0.00	15.46 -0.86 0.00	18.52 -0.90 0.00	19.52 -0.94 0.00	19.24 -0.96 0.00	18.63 -0.67 0.00	19.35 -0.64 0.00	27.09 -0.76 0.00	24.95 -0.79 -0.01	30.04 -1.04 -0.03	31.47 -0.86 0.00	33.80 -0.60 0.00	29.33 -0.80 0.00	29.69 -0.94 0.00	25.44 -0.39 0.00	26.96 -0.01 0.00
OXY_CHEM_DSASP 323612	17.71 -0.63 0.00	16.86 -0.77 0.00	13.22 -0.80 0.00	11.02 -0.74 0.00	11.09 -0.72 0.00	12.34 -0.71 0.00	15.34 -1.10 0.00	16.61 -1.13 0.00	16.23 -1.31 0.00	15.19 -1.13 0.00	18.18 -1.24 0.00	19.15 -1.30 0.00	18.89 -1.31 0.00	18.29 -1.02 0.00	18.97 -1.03 0.00	26.52 -1.33 0.00	24.40 -1.32 0.01	29.33 -1.70 0.03	30.79 -1.53 0.00	33.08 -1.32 0.00	28.72 -1.41 0.00	29.11 -1.52 0.00	24.99 -0.84 0.00	26.58 -0.39 0.00
OZONE_PARK_ESR 323760	19.62 1.28 0.00	18.87 1.25 0.00	14.96 0.95 0.00	12.55 0.79 0.00	12.63 0.82 0.00	13.96 0.91 0.00	17.71 1.27 0.00	19.19 1.44 0.00	19.05 1.52 0.00	17.80 1.47 -0.01	21.26 1.84 0.00	25.39 1.96 -2.98	22.62 2.00 -0.42	23.54 1.98 -2.25	25.94 2.07 -3.87	30.90 2.89 -0.16	28.56 2.83 0.00	34.45 3.39 0.00	35.60 3.27 0.00	37.61 3.21 0.00	32.90 2.77 0.00	33.32 2.69 0.00	28.11 2.28 0.00	29.05 2.08 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.71 -0.63 0.00	16.86 -0.77 0.00	13.22 -0.80 0.00	11.02 -0.74 0.00	11.09 -0.72 0.00	12.34 -0.71 0.00	15.34 -1.10 0.00	16.61 -1.13 0.00	16.23 -1.31 0.00	15.19 -1.13 0.00	18.18 -1.24 0.00	19.15 -1.30 0.00	18.89 -1.31 0.00	18.29 -1.02 0.00	18.97 -1.03 0.00	26.52 -1.33 0.00	24.40 -1.32 0.01	29.33 -1.70 0.03	30.79 -1.53 0.00	33.08 -1.32 0.00	28.72 -1.41 0.00	29.11 -1.52 0.00	24.99 -0.84 0.00	26.58 -0.39 0.00
PACKARD___115KV_DUPONT_184 80571	17.71 -0.63 0.00	16.86 -0.77 0.00	13.22 -0.80 0.00	11.02 -0.74 0.00	11.09 -0.72 0.00	12.34 -0.71 0.00	15.34 -1.10 0.00	16.61 -1.13 0.00	16.23 -1.31 0.00	15.19 -1.13 0.00	18.18 -1.24 0.00	19.15 -1.30 0.00	18.89 -1.31 0.00	18.29 -1.02 0.00	18.97 -1.03 0.00	26.52 -1.33 0.00	24.40 -1.32 0.01	29.33 -1.70 0.03	30.79 -1.53 0.00	33.08 -1.32 0.00	28.72 -1.41 0.00	29.11 -1.52 0.00	24.99 -0.84 0.00	26.58 -0.39 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.39 1.04 0.00	18.64 1.01 0.00	14.79 0.77 0.00	12.42 0.66 0.00	12.49 0.67 0.00	13.81 0.76 0.00	17.50 1.06 0.00	18.93 1.18 0.00	18.79 1.25 0.00	17.53 1.21 0.00	20.98 1.56 0.00	25.08 1.65 -2.98	22.34 1.72 -0.42	23.25 1.69 -2.25	25.63 1.76 -3.87	30.41 2.40 -0.16	28.06 2.34 0.00	33.83 2.77 0.00	34.98 2.66 0.00	37.00 2.59 0.00	32.44 2.31 0.00	32.88 2.25 0.00	27.77 1.93 0.00	28.65 1.69 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.39 1.04 0.00	18.66 1.03 0.00	14.79 0.78 0.00	12.42 0.66 0.00	12.49 0.68 0.00	13.82 0.77 0.00	17.52 1.08 0.00	18.96 1.22 0.00	18.82 1.27 0.00	17.57 1.25 0.00	21.02 1.60 0.00	25.10 1.67 -2.98	22.38 1.76 -0.42	23.31 1.75 -2.25	25.67 1.81 -3.87	30.51 2.50 -0.16	28.15 2.43 0.00	33.94 2.89 0.00	35.12 2.79 0.00	37.14 2.74 0.00	32.58 2.45 0.00	33.01 2.38 0.00	27.88 2.05 0.00	28.77 1.81 0.00
PATROON___115KV_TB1 80586	18.82 0.48 0.00	18.23 0.60 0.00	14.51 0.49 0.00	12.16 0.41 0.00	12.22 0.41 0.00	13.49 0.44 0.00	17.05 0.61 0.00	18.31 0.57 0.00	18.05 0.51 0.00	16.74 0.42 0.00	19.93 0.52 0.00	21.50 0.55 -0.50	20.86 0.59 -0.07	20.31 0.63 -0.37	21.29 0.66 -0.64	28.74 0.87 -0.03	26.60 0.87 0.00	32.23 1.17 0.00	33.52 1.19 0.00	35.68 1.28 0.00	31.27 1.14 0.00	31.60 0.97 0.00	26.59 0.75 0.00	27.56 0.60 0.00
PATTRSNVILLE___SOLAR 323815	18.99 0.64 0.00	18.25 0.63 0.00	14.50 0.49 0.00	12.16 0.40 0.00	12.23 0.42 0.00	13.52 0.47 0.00	17.06 0.63 0.00	18.36 0.61 0.00	18.06 0.52 0.00	16.76 0.44 0.00	19.93 0.51 0.00	21.46 0.58 -0.43	20.82 0.56 -0.06	20.22 0.59 -0.32	21.19 0.64 -0.55	28.84 0.97 -0.02	26.77 1.04 0.00	32.45 1.39 0.00	33.78 1.45 0.00	35.96 1.56 0.00	31.56 1.43 0.00	31.95 1.32 0.00	26.92 1.09 0.00	27.96 0.99 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.39 0.04 0.00	17.52 -0.11 0.00	13.73 -0.29 0.00	11.43 -0.33 0.00	11.52 -0.29 0.00	12.80 -0.25 0.00	16.01 -0.43 0.00	17.37 -0.37 0.00	17.17 -0.37 0.00	16.07 -0.25 0.00	19.29 -0.13 0.00	20.32 -0.13 0.00	20.02 -0.18 0.00	19.32 0.02 0.00	20.14 0.15 0.00	28.21 0.36 0.00	25.99 0.26 0.00	31.34 0.28 0.00	32.73 0.40 0.00	35.03 0.63 0.00	30.39 0.26 0.00	30.72 0.09 0.00	26.15 0.32 0.00	27.51 0.55 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.44 1.09 0.00	18.68 1.05 0.00	14.82 0.81 0.00	12.43 0.68 0.00	12.51 0.70 0.00	13.84 0.79 0.00	17.57 1.13 0.00	19.01 1.26 0.00	18.83 1.29 0.00	17.54 1.22 0.00	20.95 1.54 0.00	23.17 1.64 -1.08	22.03 1.67 -0.15	21.81 1.69 -0.81	23.16 1.77 -1.40	30.47 2.56 -0.06	28.25 2.53 0.00	34.16 3.11 0.00	35.42 3.10 0.00	37.46 3.06 0.00	32.75 2.62 0.00	33.08 2.45 0.00	27.84 2.01 0.00	28.77 1.81 0.00
PEEKSKILL___ 23653	19.27 0.92 0.00	18.53 0.91 0.00	14.72 0.70 0.00	12.34 0.59 0.00	12.42 0.61 0.00	13.73 0.68 0.00	17.41 0.97 0.00	18.83 1.08 0.00	18.67 1.13 0.00	17.40 1.08 0.00	20.78 1.36 0.00	25.40 1.44 -3.50	22.17 1.47 -0.49	23.43 1.47 -2.65	26.08 1.54 -4.55	30.21 2.17 -0.19	27.87 2.14 0.00	33.68 2.62 0.00	34.84 2.52 0.00	36.85 2.45 0.00	32.24 2.11 0.00	32.61 1.98 0.00	27.49 1.65 0.00	28.45 1.48 0.00
PGE MADISON___WINDPWR 24146	19.56 1.22 0.00	18.62 1.00 0.00	14.75 0.73 0.00	12.33 0.58 0.00	12.41 0.60 0.00	13.76 0.71 0.00	17.53 1.09 0.00	19.56 1.82 0.00	19.03 1.49 0.00	17.68 1.36 0.00	21.27 1.85 0.00	22.33 1.88 0.00	21.87 1.67 0.00	20.92 1.61 0.00	21.77 1.78 0.00	30.26 2.41 0.00	27.92 2.19 0.00	33.36 2.31 0.00	34.82 2.50 0.00	37.36 2.95 0.00	32.41 2.27 0.00	32.57 1.94 0.00	27.35 1.51 0.00	28.34 1.38 0.00

PIERCEFIELD___HYD 23852	17.87 -0.47 0.00	17.10 -0.52 0.00	13.70 -0.31 0.00	11.67 -0.09 0.00	11.56 -0.25 0.00	12.74 -0.31 0.00	16.03 -0.41 0.00	17.34 -0.41 0.00	17.16 -0.38 0.00	15.91 -0.40 0.00	18.88 -0.54 0.00	19.81 -0.64 0.00	18.74 -0.71 0.75	-0.54 -1.00 18.85	-194.64 -1.12 213.51	-210.82 -1.53 237.13	-86.60 -1.52 110.80	-72.04 -1.99 101.10	3.64 -1.76 26.92	32.73 -1.67 0.00	14.77 -1.36 14.00	0.35 -1.17 29.10	-6.99 -0.69 32.13	6.80 -0.59 19.57
PINELAWN_CC_1 323563	19.75 1.41 0.00	18.95 1.32 0.00	15.11 1.10 0.00	12.72 0.96 0.00	12.80 0.99 0.00	14.07 1.02 0.00	17.89 1.45 0.00	19.31 1.57 0.00	19.11 1.57 0.00	17.77 1.48 0.03	22.65 1.96 -1.28	31.75 2.05 -9.25	31.51 2.06 -9.25	43.80 2.01 -22.48	31.39 2.09 -9.30	65.30 2.96 -34.50	28.56 2.83 0.00	34.50 3.44 0.00	35.70 3.37 0.00	37.84 3.43 0.00	37.28 3.02 -4.13	90.55 3.03 -56.90	48.85 2.64 -20.37	30.57 2.47 -1.14
PJM_GEN_HTTP_PROXY 323702	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.45 0.69 0.00	12.53 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	19.00 1.26 0.00	18.87 1.33 0.00	17.62 1.29 -0.01	21.05 1.63 0.00	25.17 1.74 -2.98	22.39 1.77 -0.42	23.31 1.76 -2.25	25.69 1.83 -3.87	28.53 2.55 1.88	28.24 2.51 0.00	34.06 3.01 0.00	35.20 2.88 0.00	37.18 2.78 0.00	32.54 2.41 0.00	32.94 2.31 0.00	27.79 1.95 0.00	28.74 1.78 0.00
PJM_GEN_KEystone 24065	18.63 0.28 0.00	17.89 0.26 0.00	14.14 0.13 0.00	11.84 0.08 0.00	11.93 0.12 0.00	13.20 0.16 0.00	16.66 0.22 0.00	18.03 0.28 0.00	17.89 0.35 0.00	16.69 0.36 0.00	19.95 0.54 0.00	16.26 0.58 4.78	20.07 0.54 0.67	16.29 0.60 3.61	14.50 0.72 6.20	26.59 1.03 2.29	26.74 1.02 0.00	32.33 1.27 0.00	33.46 1.14 0.00	35.48 1.08 0.00	30.93 0.80 0.00	31.27 0.64 0.00	26.46 0.63 0.00	28.72 0.59 -1.17
PJM_GEN_NEPTUNE_PROXY 323594	19.51 1.17 0.00	18.74 1.11 0.00	14.93 0.91 0.00	12.57 0.81 0.00	12.65 0.84 0.00	13.90 0.86 0.00	17.65 1.21 0.00	19.05 1.31 0.00	18.87 1.33 0.00	17.56 1.27 0.03	22.41 1.71 -1.28	31.50 1.79 -9.25	31.26 1.81 -9.25	43.55 1.77 -22.48	31.13 1.83 -9.30	62.87 2.55 -32.46	28.22 2.49 0.00	34.06 3.01 0.00	35.22 2.90 0.00	37.31 2.90 0.00	36.81 2.55 -4.13	90.07 2.54 -56.90	48.40 2.20 -20.37	30.13 2.03 -1.14
PJM_GEN_VFT_PROXY 323633	19.36 1.02 0.00	18.63 1.00 0.00	14.78 0.77 0.00	12.40 0.64 0.00	12.48 0.67 0.00	13.80 0.75 0.00	17.49 1.05 0.00	18.92 1.18 0.00	18.79 1.25 0.00	17.54 1.21 -0.01	20.95 1.54 0.00	25.06 1.63 -2.98	22.30 1.68 -0.42	23.22 1.66 -2.25	25.60 1.74 -3.87	28.39 2.42 1.88	28.13 2.40 0.00	33.92 2.87 0.00	35.04 2.72 0.00	37.00 2.60 0.00	32.39 2.26 0.00	32.79 2.16 0.00	27.66 1.83 0.00	28.60 1.63 0.00
PLATSBURG_115KV_PMLD1 355749	18.48 0.14 0.00	17.57 -0.06 0.00	13.97 -0.05 0.00	11.77 0.01 0.00	11.87 0.06 0.00	13.09 0.05 0.00	16.56 0.12 0.00	17.80 0.06 0.00	17.45 -0.10 0.00	16.18 -0.14 0.00	19.19 -0.23 0.00	20.02 -0.43 0.00	19.75 -0.39 0.06	15.53 -0.72 3.06	-21.51 -0.90 40.61	-11.51 -1.50 37.86	-23.26 -0.91 48.09	-25.80 -0.42 56.44	-0.69 0.36 33.38	34.84 0.44 0.00	12.99 0.22 17.36	-6.36 -0.92 36.08	-20.53 -1.52 44.84	-21.38 -1.66 46.69
PLEASANTVLY___LBMP 24000	19.18 0.83 0.00	18.45 0.82 0.00	14.65 0.63 0.00	12.29 0.53 0.00	12.36 0.55 0.00	13.66 0.62 0.00	17.33 0.89 0.00	18.73 0.98 0.00	18.54 1.00 0.00	17.25 0.93 0.00	20.59 1.17 0.00	22.96 1.22 -1.28	21.63 1.25 -0.18	21.53 1.26 -0.97	22.97 1.32 -1.67	29.76 1.84 -0.07	27.56 1.83 0.00	33.30 2.25 0.00	34.53 2.21 0.00	36.57 2.16 0.00	32.02 1.89 0.00	32.37 1.73 0.00	27.28 1.44 0.00	28.23 1.27 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.33 0.99 0.00	18.59 0.97 0.00	14.76 0.74 0.00	12.38 0.62 0.00	12.46 0.65 0.00	13.77 0.72 0.00	17.45 1.02 0.00	18.89 1.15 0.00	18.72 1.18 0.00	17.45 1.13 0.00	20.84 1.42 0.00	24.27 1.52 -2.30	22.07 1.54 -0.32	22.59 1.54 -1.74	24.60 1.61 -2.99	30.24 2.27 -0.12	27.96 2.23 0.00	33.78 2.73 0.00	34.96 2.64 0.00	36.98 2.58 0.00	32.36 2.23 0.00	32.73 2.10 0.00	27.59 1.76 0.00	28.54 1.57 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.33 0.99 0.00	18.59 0.97 0.00	14.76 0.74 0.00	12.38 0.62 0.00	12.46 0.65 0.00	13.77 0.72 0.00	17.45 1.02 0.00	18.89 1.15 0.00	18.72 1.18 0.00	17.45 1.13 0.00	20.84 1.42 0.00	24.27 1.52 -2.30	22.07 1.54 -0.32	22.59 1.54 -1.74	24.60 1.61 -2.99	30.24 2.27 -0.12	27.96 2.23 0.00	33.78 2.73 0.00	34.96 2.64 0.00	36.98 2.58 0.00	32.36 2.23 0.00	32.73 2.10 0.00	27.59 1.76 0.00	28.54 1.57 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.31 0.96 0.00	18.56 0.93 0.00	14.73 0.71 0.00	12.36 0.60 0.00	12.43 0.62 0.00	13.74 0.70 0.00	17.44 1.01 0.00	18.86 1.12 0.00	18.67 1.13 0.00	17.38 1.05 0.00	20.74 1.33 0.00	22.52 1.38 -0.69	21.71 1.41 -0.10	21.26 1.44 -0.52	22.40 1.52 -0.89	30.09 2.20 -0.04	27.92 2.19 0.00	33.79 2.74 0.00	35.09 2.77 0.00	37.14 2.74 0.00	32.50 2.37 0.00	32.83 2.19 0.00	27.62 1.79 0.00	28.56 1.59 0.00
POLETTI____ 23519	19.42 1.08 0.00	18.68 1.06 0.00	14.83 0.81 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.83 0.78 0.00	17.53 1.09 0.00	18.97 1.23 0.00	18.84 1.30 0.00	17.59 1.26 -0.01	21.03 1.61 0.00	25.14 1.71 -2.98	22.38 1.76 -0.42	23.29 1.74 -2.25	25.68 1.81 -3.87	30.52 2.51 -0.16	28.20 2.47 0.00	34.01 2.96 0.00	35.14 2.82 0.00	37.12 2.72 0.00	32.48 2.35 0.00	32.89 2.26 0.00	27.75 1.92 0.00	28.69 1.73 0.00
POMONA___ESR 323819	19.25 0.90 0.00	18.51 0.89 0.00	14.70 0.68 0.00	12.33 0.57 0.00	12.41 0.60 0.00	13.71 0.66 0.00	17.38 0.94 0.00	18.80 1.06 0.00	18.66 1.11 0.00	17.38 1.06 0.00	20.76 1.34 0.00	17.45 1.43 4.44	21.04 1.47 0.63	17.41 1.46 3.35	15.74 1.52 5.77	29.78 2.17 0.24	27.88 2.16 0.00	33.70 2.65 0.00	34.84 2.51 0.00	36.84 2.44 0.00	32.21 2.08 0.00	32.57 1.94 0.00	27.43 1.60 0.00	28.40 1.44 0.00
PORT_JEFF_3 23555	19.70 1.36 0.00	18.92 1.30 0.00	15.15 1.13 0.00	12.75 0.99 0.00	12.84 1.03 0.00	14.10 1.05 0.00	17.94 1.50 0.00	19.33 1.58 0.00	19.16 1.62 0.00	17.80 1.51 0.03	22.66 1.96 -1.28	31.77 2.06 -9.25	31.55 2.09 -9.25	43.81 2.03 -22.48	31.41 2.11 -9.30	65.30 2.95 -34.50	28.33 2.61 0.00	34.19 3.14 0.00	35.41 3.08 0.00	37.64 3.24 0.00	37.11 2.84 -4.13	90.36 2.83 -56.90	48.75 2.55 -20.37	30.58 2.48 -1.14
PORT_JEFF_4 23616	19.70 1.36 0.00	18.92 1.30 0.00	15.15 1.13 0.00	12.75 0.99 0.00	12.84 1.03 0.00	14.10 1.05 0.00	17.94 1.50 0.00	19.33 1.58 0.00	19.16 1.62 0.00	17.80 1.51 0.03	22.66 1.96 -1.28	31.77 2.06 -9.25	31.55 2.09 -9.25	43.81 2.03 -22.48	31.41 2.11 -9.30	65.30 2.95 -34.50	28.33 2.61 0.00	34.19 3.14 0.00	35.41 3.08 0.00	37.64 3.24 0.00	37.11 2.84 -4.13	90.36 2.83 -56.90	48.75 2.55 -20.37	30.58 2.48 -1.14

PORT_JEFF_IC 23713	19.72 1.38 0.00	18.93 1.31 0.00	15.16 1.15 0.00	12.76 1.00 0.00	12.85 1.04 0.00	14.11 1.06 0.00	17.95 1.51 0.00	19.34 1.59 0.00	19.19 1.65 0.00	17.82 1.53 0.03	22.69 1.99 -1.28	31.80 2.09 -9.25	31.58 2.14 -9.25	43.86 2.07 -22.48	31.47 2.17 -9.30	65.38 3.04 -34.50	28.34 2.61 0.00	34.22 3.17 0.00	35.47 3.14 0.00	37.79 3.39 0.00	37.22 2.96 -4.13	90.42 2.90 -56.90	48.80 2.60 -20.37	30.62 2.53 -1.14
PPL PILGRIM_ST_GT1 24216	19.84 1.50 0.00	19.04 1.42 0.00	15.20 1.19 0.00	12.80 1.04 0.00	12.89 1.08 0.00	14.16 1.12 0.00	18.01 1.57 0.00	19.42 1.68 0.00	19.23 1.69 0.00	17.89 1.59 0.03	22.79 2.09 -1.28	31.90 2.19 -9.25	31.67 2.22 -9.25	43.92 2.14 -22.48	31.47 2.17 -9.30	65.43 3.09 -34.50	28.63 2.90 0.00	34.58 3.53 0.00	35.81 3.48 0.00	37.98 3.58 0.00	37.50 3.23 -4.13	90.77 3.24 -56.90	49.05 2.85 -20.37	30.78 2.68 -1.14
PPL PILGRIM_ST_GT2 24217	19.84 1.50 0.00	19.04 1.42 0.00	15.20 1.19 0.00	12.80 1.04 0.00	12.89 1.08 0.00	14.16 1.12 0.00	18.01 1.57 0.00	19.42 1.68 0.00	19.23 1.69 0.00	17.89 1.59 0.03	22.79 2.09 -1.28	31.90 2.19 -9.25	31.67 2.22 -9.25	43.92 2.14 -22.48	31.47 2.17 -9.30	65.43 3.09 -34.50	28.63 2.90 0.00	34.58 3.53 0.00	35.81 3.48 0.00	37.98 3.58 0.00	37.50 3.23 -4.13	90.77 3.24 -56.90	49.05 2.85 -20.37	30.78 2.68 -1.14
PPL_SHRM_GT3 24213	19.55 1.20 0.00	18.79 1.16 0.00	15.14 1.12 0.00	12.74 0.98 0.00	12.85 1.04 0.00	14.08 1.03 0.00	17.92 1.48 0.00	19.26 1.52 0.00	19.16 1.62 0.00	17.84 1.54 0.03	22.54 1.85 -1.28	31.64 1.94 -9.25	31.45 2.00 -9.25	43.70 1.91 -22.48	31.27 1.98 -9.30	65.10 2.75 -34.50	28.13 2.40 0.00	33.97 2.91 0.00	35.20 2.87 0.00	37.50 3.09 0.00	37.13 2.87 -4.13	90.35 2.82 -56.90	48.68 2.47 -20.37	30.41 2.31 -1.14
PPL_SHRM_GT4 24214	19.55 1.20 0.00	18.79 1.16 0.00	15.14 1.12 0.00	12.74 0.98 0.00	12.85 1.04 0.00	14.08 1.03 0.00	17.92 1.48 0.00	19.26 1.52 0.00	19.16 1.62 0.00	17.84 1.54 0.03	22.54 1.85 -1.28	31.64 1.94 -9.25	31.45 2.00 -9.25	43.70 1.91 -22.48	31.27 1.98 -9.30	65.10 2.75 -34.50	28.13 2.40 0.00	33.97 2.91 0.00	35.20 2.87 0.00	37.50 3.09 0.00	37.13 2.87 -4.13	90.35 2.82 -56.90	48.68 2.47 -20.37	30.41 2.31 -1.14
PROJECT___ORANGE 1 24174	18.30 -0.05 0.00	17.56 -0.07 0.00	13.90 -0.11 0.00	11.64 -0.12 0.00	11.71 -0.10 0.00	12.94 -0.11 0.00	16.29 -0.16 0.00	17.56 -0.19 0.00	17.36 -0.18 0.00	16.18 -0.14 0.00	19.27 -0.14 0.00	20.30 -0.16 0.00	20.04 -0.14 0.02	18.76 -0.05 0.50	14.49 -0.02 5.48	21.62 0.03 6.26	23.60 0.05 2.18	29.49 0.11 1.68	32.45 0.12 0.00	34.56 0.16 0.00	30.21 0.08 0.00	30.62 -0.01 0.00	25.81 -0.02 0.00	26.91 -0.06 0.00
PROJECT___ORANGE 2 24166	18.30 -0.05 0.00	17.56 -0.07 0.00	13.90 -0.11 0.00	11.64 -0.12 0.00	11.71 -0.10 0.00	12.94 -0.11 0.00	16.29 -0.16 0.00	17.56 -0.19 0.00	17.36 -0.18 0.00	16.18 -0.14 0.00	19.27 -0.14 0.00	20.30 -0.16 0.00	20.04 -0.14 0.02	18.76 -0.05 0.50	14.49 -0.02 5.48	21.62 0.03 6.26	23.60 0.05 2.18	29.49 0.11 1.68	32.45 0.12 0.00	34.56 0.16 0.00	30.21 0.08 0.00	30.62 -0.01 0.00	25.81 -0.02 0.00	26.91 -0.06 0.00
PUCKETT___SOLAR 323809	18.75 0.41 0.00	17.95 0.32 0.00	14.21 0.20 0.00	11.90 0.14 0.00	11.98 0.17 0.00	13.24 0.19 0.00	16.73 0.29 0.00	18.12 0.37 0.00	17.79 0.25 0.00	16.54 0.22 0.00	19.73 0.31 0.00	20.74 0.29 0.00	20.42 0.22 0.00	19.57 0.26 0.00	20.42 0.43 0.00	28.45 0.60 0.00	26.33 0.60 0.00	32.04 0.98 0.00	33.42 1.10 0.00	35.64 1.24 0.00	31.03 0.90 0.00	31.36 0.73 0.00	26.42 0.59 0.00	27.46 0.49 0.00
PYRITES___HYD 24023	18.14 -0.20 0.00	17.36 -0.26 0.00	13.92 -0.10 0.00	11.84 0.08 0.00	11.74 -0.07 0.00	12.95 -0.09 0.00	16.29 -0.14 0.00	17.57 -0.18 0.00	17.34 -0.20 0.00	16.07 -0.25 0.00	19.06 -0.36 0.00	20.02 -0.43 0.00	18.94 -0.47 0.79	-1.34 -0.72 19.93	-206.40 -0.82 225.57	-223.99 -1.11 250.72	-91.74 -1.13 116.34	-76.20 -1.44 105.81	3.61 -1.03 27.68	33.53 -0.87 0.00	15.12 -0.61 14.40	0.34 -0.37 29.92	-7.38 -0.08 33.12	6.48 -0.01 20.48
QUAKERRD_115KV_BK1 80622	17.90 -0.45 0.00	17.10 -0.53 0.00	13.49 -0.53 0.00	11.27 -0.49 0.00	11.34 -0.47 0.00	12.58 -0.47 0.00	15.78 -0.66 0.00	17.05 -0.69 0.00	16.83 -0.71 0.00	15.71 -0.61 0.00	18.75 -0.66 0.00	19.78 -0.67 0.00	19.55 -0.65 0.00	18.83 -0.47 0.00	19.53 -0.46 0.00	27.37 -0.48 0.00	25.29 -0.44 0.00	30.54 -0.51 0.00	31.96 -0.36 0.00	34.21 -0.19 0.00	29.79 -0.34 0.00	30.13 -0.50 0.00	25.51 -0.32 0.00	26.71 -0.25 0.00
QUENSBRY_115KV_TB8 356137	19.28 0.93 0.00	18.55 0.92 0.00	14.71 0.70 0.00	12.33 0.57 0.00	12.42 0.61 0.00	13.75 0.71 0.00	17.44 1.01 0.00	18.77 1.02 0.00	18.47 0.92 0.00	17.10 0.77 0.00	20.31 0.89 0.00	21.91 1.00 -0.47	21.24 0.98 -0.07	20.69 1.03 -0.35	21.71 1.12 -0.61	29.61 1.74 -0.03	27.36 1.64 0.00	33.32 2.27 0.00	34.66 2.34 0.00	36.73 2.33 0.00	32.41 2.28 0.00	32.74 2.11 0.00	27.68 1.84 0.00	28.62 1.66 0.00
RAMAPO___LBMP 323565	19.17 0.82 0.00	18.44 0.81 0.00	14.64 0.62 0.00	12.28 0.52 0.00	12.36 0.55 0.00	13.66 0.61 0.00	17.31 0.87 0.00	18.72 0.98 0.00	18.57 1.03 0.00	17.30 0.98 0.00	20.65 1.24 0.00	17.50 1.32 4.27	20.95 1.35 0.60	17.42 1.34 3.22	15.85 1.40 5.54	29.61 1.99 0.23	27.72 1.99 0.00	33.51 2.46 0.00	34.64 2.32 0.00	36.65 2.25 0.00	32.05 1.92 0.00	32.41 1.78 0.00	27.31 1.48 0.00	28.28 1.32 0.00
RANKINE___ 23646	18.25 -0.10 0.00	17.35 -0.27 0.00	13.59 -0.42 0.00	11.30 -0.45 0.00	11.38 -0.43 0.00	12.66 -0.39 0.00	15.81 -0.63 0.00	17.16 -0.59 0.00	16.94 -0.60 0.00	15.87 -0.45 0.00	19.06 -0.36 0.00	20.08 -0.37 0.00	19.78 -0.42 0.00	19.10 -0.20 0.00	19.89 -0.10 0.00	27.86 0.01 0.00	25.68 -0.04 0.00	30.92 -0.14 -0.01	32.31 -0.01 0.00	34.63 0.23 0.00	30.05 -0.08 0.00	30.36 -0.27 0.00	25.87 0.04 0.00	27.24 0.28 0.00
RAVENSWOOD_GT2_1 24244	19.43 1.09 0.00	18.68 1.06 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.54 1.10 0.00	18.99 1.24 0.00	18.85 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.71 -2.98	22.37 1.75 -0.42	23.29 1.73 -2.25	25.67 1.81 -3.87	30.53 2.52 -0.16	28.19 2.47 0.00	34.01 2.96 0.00	35.15 2.82 0.00	37.13 2.73 0.00	32.51 2.37 0.00	32.91 2.28 0.00	27.77 1.93 0.00	28.72 1.75 0.00
RAVENSWOOD_GT2_2 24245	19.43 1.09 0.00	18.68 1.06 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.54 1.10 0.00	18.99 1.24 0.00	18.85 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.71 -2.98	22.37 1.75 -0.42	23.29 1.73 -2.25	25.67 1.81 -3.87	30.53 2.52 -0.16	28.19 2.47 0.00	34.01 2.96 0.00	35.15 2.82 0.00	37.13 2.73 0.00	32.51 2.37 0.00	32.91 2.28 0.00	27.77 1.93 0.00	28.72 1.75 0.00

RAVENSWOOD_GT2_3 24246	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.03 1.62 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.30 1.75 -2.25	25.68 1.82 -3.87	30.54 2.53 -0.16	28.21 2.48 0.00	34.03 2.98 0.00	35.17 2.85 0.00	37.16 2.76 0.00	32.52 2.39 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00
RAVENSWOOD_GT2_4 24247	19.44 1.10 0.00	18.70 1.07 0.00	14.83 0.82 0.00	12.45 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.32 0.00	17.61 1.28 -0.01	21.03 1.62 0.00	25.15 1.72 -2.98	22.39 1.77 -0.42	23.30 1.75 -2.25	25.68 1.82 -3.87	30.54 2.53 -0.16	28.21 2.48 0.00	34.03 2.98 0.00	35.17 2.85 0.00	37.16 2.76 0.00	32.52 2.39 0.00	32.93 2.30 0.00	27.78 1.95 0.00	28.72 1.76 0.00
RAVENSWOOD_GT3_1 24248	19.43 1.09 0.00	18.69 1.06 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.54 1.11 0.00	18.99 1.25 0.00	18.86 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.72 -2.98	22.37 1.75 -0.42	23.29 1.74 -2.25	25.67 1.81 -3.87	30.53 2.52 -0.16	28.19 2.47 0.00	34.01 2.96 0.00	35.15 2.82 0.00	37.14 2.74 0.00	32.51 2.38 0.00	32.92 2.28 0.00	27.77 1.94 0.00	28.72 1.75 0.00
RAVENSWOOD_GT3_2 24249	19.43 1.09 0.00	18.69 1.06 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.54 1.11 0.00	18.99 1.25 0.00	18.86 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.72 -2.98	22.37 1.75 -0.42	23.29 1.74 -2.25	25.67 1.81 -3.87	30.53 2.52 -0.16	28.19 2.47 0.00	34.01 2.96 0.00	35.15 2.82 0.00	37.14 2.74 0.00	32.51 2.38 0.00	32.92 2.28 0.00	27.77 1.94 0.00	28.72 1.75 0.00
RAVENSWOOD_GT3_3 24250	19.46 1.12 0.00	18.71 1.09 0.00	14.84 0.83 0.00	12.46 0.70 0.00	12.54 0.72 0.00	13.85 0.81 0.00	17.57 1.13 0.00	19.02 1.27 0.00	18.88 1.34 0.00	17.63 1.30 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.79 -0.42	23.33 1.78 -2.25	25.71 1.85 -3.87	30.58 2.57 -0.16	28.25 2.52 0.00	34.07 3.02 0.00	35.21 2.89 0.00	37.21 2.81 0.00	32.57 2.44 0.00	32.97 2.34 0.00	27.82 1.98 0.00	28.76 1.80 0.00
RAVENSWOOD_GT3_4 24251	19.46 1.12 0.00	18.71 1.09 0.00	14.84 0.83 0.00	12.46 0.70 0.00	12.54 0.72 0.00	13.85 0.81 0.00	17.57 1.13 0.00	19.02 1.27 0.00	18.88 1.34 0.00	17.63 1.30 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.42 1.79 -0.42	23.33 1.78 -2.25	25.71 1.85 -3.87	30.58 2.57 -0.16	28.25 2.52 0.00	34.07 3.02 0.00	35.21 2.89 0.00	37.21 2.81 0.00	32.57 2.44 0.00	32.97 2.34 0.00	27.82 1.98 0.00	28.76 1.80 0.00
RAVENSWOOD_GT_1 23729	19.46 1.12 0.00	18.72 1.10 0.00	14.86 0.85 0.00	12.47 0.71 0.00	12.55 0.74 0.00	13.87 0.82 0.00	17.58 1.14 0.00	19.02 1.28 0.00	18.90 1.36 0.00	17.65 1.32 -0.01	21.08 1.67 0.00	25.20 1.77 -2.98	22.45 1.83 -0.42	23.35 1.79 -2.25	25.73 1.86 -3.87	30.59 2.58 -0.16	28.23 2.50 0.00	34.04 2.98 0.00	35.16 2.84 0.00	37.15 2.74 0.00	32.53 2.40 0.00	32.96 2.33 0.00	27.83 2.00 0.00	28.75 1.79 0.00
RAVENSWOOD_GT_10 24258	19.43 1.09 0.00	18.69 1.06 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.54 1.11 0.00	18.99 1.25 0.00	18.86 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.72 -2.98	22.37 1.75 -0.42	23.29 1.74 -2.25	25.67 1.81 -3.87	30.53 2.52 -0.16	28.19 2.47 0.00	34.02 2.96 0.00	35.16 2.84 0.00	37.15 2.75 0.00	32.51 2.38 0.00	32.92 2.29 0.00	27.77 1.94 0.00	28.72 1.75 0.00
RAVENSWOOD_GT_11 24259	19.43 1.09 0.00	18.69 1.06 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.54 1.11 0.00	18.99 1.25 0.00	18.86 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.72 -2.98	22.37 1.75 -0.42	23.29 1.74 -2.25	25.67 1.81 -3.87	30.53 2.52 -0.16	28.19 2.47 0.00	34.02 2.96 0.00	35.16 2.84 0.00	37.15 2.75 0.00	32.51 2.38 0.00	32.92 2.29 0.00	27.77 1.94 0.00	28.72 1.75 0.00
RAVENSWOOD_GT_4 24252	19.43 1.09 0.00	18.69 1.06 0.00	14.83 0.81 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.71 -2.98	22.37 1.75 -0.42	23.30 1.74 -2.25	25.68 1.82 -3.87	30.54 2.53 -0.16	28.21 2.48 0.00	34.04 2.98 0.00	35.17 2.85 0.00	37.17 2.77 0.00	32.53 2.40 0.00	32.93 2.30 0.00	27.78 1.94 0.00	28.72 1.76 0.00
RAVENSWOOD_GT_5 24254	19.43 1.09 0.00	18.69 1.06 0.00	14.83 0.81 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.71 -2.98	22.37 1.75 -0.42	23.30 1.74 -2.25	25.68 1.82 -3.87	30.54 2.53 -0.16	28.21 2.48 0.00	34.04 2.98 0.00	35.17 2.85 0.00	37.17 2.77 0.00	32.53 2.40 0.00	32.93 2.30 0.00	27.78 1.94 0.00	28.72 1.76 0.00
RAVENSWOOD_GT_6 24253	19.43 1.09 0.00	18.69 1.06 0.00	14.83 0.81 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.71 -2.98	22.37 1.75 -0.42	23.30 1.74 -2.25	25.68 1.82 -3.87	30.54 2.53 -0.16	28.21 2.48 0.00	34.04 2.98 0.00	35.17 2.85 0.00	37.17 2.77 0.00	32.53 2.40 0.00	32.93 2.30 0.00	27.78 1.94 0.00	28.72 1.76 0.00
RAVENSWOOD_GT_7 24255	19.43 1.09 0.00	18.69 1.06 0.00	14.83 0.81 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.86 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.71 -2.98	22.37 1.75 -0.42	23.30 1.74 -2.25	25.68 1.82 -3.87	30.54 2.53 -0.16	28.21 2.48 0.00	34.04 2.98 0.00	35.17 2.85 0.00	37.17 2.77 0.00	32.53 2.40 0.00	32.93 2.30 0.00	27.78 1.94 0.00	28.72 1.76 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.43 1.09 0.00	18.69 1.06 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.54 1.11 0.00	18.99 1.25 0.00	18.86 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.72 -2.98	22.37 1.75 -0.42	23.29 1.74 -2.25	25.67 1.81 -3.87	30.53 2.52 -0.16	28.19 2.47 0.00	34.02 2.96 0.00	35.16 2.84 0.00	37.15 2.75 0.00	32.51 2.38 0.00	32.92 2.29 0.00	27.77 1.94 0.00	28.72 1.75 0.00
RAVENSWOOD_GT_9 24257	19.43 1.09 0.00	18.69 1.06 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.54 1.11 0.00	18.99 1.25 0.00	18.86 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.72 -2.98	22.37 1.75 -0.42	23.29 1.74 -2.25	25.67 1.81 -3.87	30.53 2.52 -0.16	28.19 2.47 0.00	34.02 2.96 0.00	35.16 2.84 0.00	37.15 2.75 0.00	32.51 2.38 0.00	32.92 2.29 0.00	27.77 1.94 0.00	28.72 1.75 0.00

RAVENSWOOD___1 23533	19.44 1.09 0.00	18.70 1.07 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.25 0.00	18.87 1.32 0.00	17.62 1.29 -0.01	21.05 1.63 0.00	25.16 1.73 -2.98	22.41 1.78 -0.42	23.31 1.75 -2.25	25.67 1.81 -3.87	30.52 2.51 -0.16	28.17 2.45 0.00	33.96 2.91 0.00	35.10 2.77 0.00	37.07 2.67 0.00	32.46 2.33 0.00	32.90 2.27 0.00	27.78 1.95 0.00	28.71 1.75 0.00
RAVENSWOOD___2 23534	19.44 1.09 0.00	18.70 1.07 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.52 0.71 0.00	13.83 0.78 0.00	17.53 1.09 0.00	18.97 1.22 0.00	18.84 1.30 0.00	17.60 1.27 -0.01	21.02 1.60 0.00	25.13 1.70 -2.98	22.38 1.76 -0.42	23.22 1.66 -2.25	25.51 1.65 -3.87	30.27 2.26 -0.16	27.94 2.21 0.00	33.69 2.64 0.00	34.81 2.48 0.00	36.76 2.36 0.00	32.20 2.06 0.00	32.69 2.06 0.00	27.69 1.86 0.00	28.68 1.72 0.00
RAVENSWOOD___3 23535	19.43 1.09 0.00	18.69 1.06 0.00	14.83 0.82 0.00	12.44 0.69 0.00	12.52 0.71 0.00	13.84 0.79 0.00	17.55 1.11 0.00	18.99 1.25 0.00	18.85 1.31 0.00	17.60 1.27 -0.01	21.03 1.61 0.00	25.14 1.71 -2.98	22.37 1.75 -0.42	23.29 1.74 -2.25	25.67 1.81 -3.87	30.53 2.52 -0.16	28.19 2.47 0.00	34.01 2.96 0.00	35.15 2.82 0.00	37.14 2.74 0.00	32.51 2.38 0.00	32.92 2.29 0.00	27.78 1.94 0.00	28.72 1.75 0.00
RAVENSWOOD___4 23820	19.44 1.09 0.00	18.70 1.07 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.25 0.00	18.87 1.32 0.00	17.62 1.29 -0.01	21.05 1.63 0.00	25.16 1.73 -2.98	22.41 1.78 -0.42	23.31 1.75 -2.25	25.67 1.81 -3.87	30.52 2.51 -0.16	28.17 2.45 0.00	33.96 2.91 0.00	35.10 2.77 0.00	37.07 2.67 0.00	32.46 2.33 0.00	32.90 2.27 0.00	27.78 1.95 0.00	28.71 1.75 0.00
RCPL_TRUST___DRP 24196	19.46 1.12 0.00	18.71 1.09 0.00	14.84 0.83 0.00	12.46 0.70 0.00	12.54 0.72 0.00	13.85 0.80 0.00	17.57 1.13 0.00	19.03 1.28 0.00	18.89 1.35 0.00	17.64 1.32 -0.01	21.08 1.66 0.00	25.20 1.77 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.73 1.86 -3.87	30.61 2.60 -0.16	28.27 2.55 0.00	34.11 3.06 0.00	35.24 2.91 0.00	37.23 2.82 0.00	32.57 2.44 0.00	32.97 2.35 0.00	27.82 1.99 0.00	28.77 1.80 0.00
RED___ROCHESTER 323720	18.34 0.00 0.00	17.51 -0.12 0.00	13.79 -0.22 0.00	11.52 -0.24 0.00	11.59 -0.22 0.00	12.87 -0.18 0.00	16.13 -0.31 0.00	17.44 -0.31 0.00	17.20 -0.34 0.00	16.08 -0.24 0.00	19.22 -0.19 0.00	20.31 -0.14 0.00	20.07 -0.13 0.00	19.37 0.06 0.00	20.10 0.11 0.00	28.19 0.34 0.00	26.02 0.29 0.00	31.45 0.40 0.00	32.93 0.60 0.00	35.27 0.87 0.00	30.68 0.55 0.00	31.03 0.40 0.00	26.30 0.46 0.00	27.56 0.60 0.00
REGAN___SOLAR 323812	19.85 1.51 0.00	19.07 1.44 0.00	15.17 1.16 0.00	12.73 0.97 0.00	12.82 1.00 0.00	14.21 1.16 0.00	17.84 1.40 0.00	18.78 1.03 0.00	17.50 -0.05 0.00	16.08 -0.24 0.00	18.97 -0.45 0.00	20.38 -0.07 0.00	19.78 -0.43 0.00	19.06 -0.25 0.00	19.87 -0.13 0.00	28.60 0.74 0.00	27.49 1.76 0.00	33.72 2.66 0.00	34.31 1.98 0.00	38.39 3.98 0.00	33.82 3.69 0.00	34.22 3.58 0.00	28.66 2.83 0.00	29.62 2.65 0.00
RENSSELAER___COGEN 23796	18.74 0.39 0.00	18.15 0.52 0.00	14.45 0.43 0.00	12.12 0.36 0.00	12.17 0.36 0.00	13.44 0.39 0.00	16.98 0.54 0.00	18.23 0.48 0.00	17.96 0.42 0.00	16.65 0.33 0.00	19.81 0.39 0.00	21.37 0.41 -0.51	20.73 0.46 -0.07	20.18 0.50 -0.38	21.17 0.52 -0.66	28.51 0.63 -0.03	26.38 0.65 0.00	31.94 0.88 0.00	33.24 0.91 0.00	35.39 0.99 0.00	31.04 0.91 0.00	31.36 0.73 0.00	26.40 0.57 0.00	27.39 0.42 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.18 1.84 0.00	19.40 1.78 0.00	15.35 1.33 0.00	12.87 1.11 0.00	12.98 1.17 0.00	14.41 1.36 0.00	18.30 1.86 0.00	19.59 1.85 0.00	19.28 1.73 0.00	17.82 1.50 0.00	21.19 1.78 0.00	22.86 1.94 -0.47	22.17 1.90 -0.07	21.60 1.94 -0.36	22.64 2.04 -0.61	31.02 3.15 -0.03	28.74 3.01 0.00	35.21 4.16 0.00	36.64 4.32 0.00	38.95 4.54 0.00	34.33 4.20 0.00	34.75 4.12 0.00	29.25 3.42 0.00	30.19 3.23 0.00
REVERE_CPPR_DRP 24186	18.91 0.57 0.00	18.14 0.51 0.00	14.39 0.37 0.00	12.05 0.29 0.00	12.11 0.29 0.00	13.39 0.35 0.00	16.93 0.48 0.00	18.21 0.47 0.00	18.02 0.47 0.00	16.72 0.40 0.00	19.88 0.46 0.00	20.91 0.46 0.00	20.52 0.39 0.06	18.21 0.46 1.56	3.17 0.58 17.40	9.14 0.92 19.64	18.85 0.98 7.86	25.82 1.38 6.62	32.74 1.39 0.97	36.01 1.61 0.00	31.05 1.43 0.50	30.95 1.37 1.05	25.69 1.03 1.18	27.07 0.91 0.80
REYNOLDS_115KV_TB3 80639	18.89 0.55 0.00	18.26 0.63 0.00	14.53 0.51 0.00	12.18 0.43 0.00	12.24 0.43 0.00	13.53 0.48 0.00	17.10 0.66 0.00	18.39 0.65 0.00	18.12 0.58 0.00	16.80 0.47 0.00	19.97 0.56 0.00	21.55 0.58 -0.52	20.90 0.62 -0.07	20.36 0.66 -0.40	21.35 0.68 -0.68	28.72 0.84 -0.03	26.57 0.85 0.00	32.16 1.11 0.00	33.48 1.15 0.00	35.64 1.24 0.00	31.27 1.14 0.00	31.58 0.95 0.00	26.60 0.76 0.00	27.58 0.62 0.00
RIVERBAY____ 323610	19.39 1.04 0.00	18.66 1.03 0.00	14.79 0.78 0.00	12.42 0.66 0.00	12.49 0.68 0.00	13.82 0.77 0.00	17.52 1.08 0.00	18.96 1.22 0.00	18.82 1.27 0.00	17.57 1.25 0.00	21.02 1.60 0.00	25.10 1.67 -2.98	22.38 1.76 -0.42	23.31 1.75 -2.25	25.67 1.81 -3.87	30.51 2.50 -0.16	28.15 2.43 0.00	33.94 2.89 0.00	35.12 2.79 0.00	37.14 2.74 0.00	32.58 2.45 0.00	33.01 2.38 0.00	27.88 2.05 0.00	28.77 1.81 0.00
RIVERSDE_115KV_TB3 55908	18.80 0.46 0.00	18.20 0.58 0.00	14.49 0.48 0.00	12.15 0.39 0.00	12.21 0.39 0.00	13.48 0.43 0.00	17.03 0.59 0.00	18.29 0.55 0.00	18.03 0.49 0.00	16.72 0.40 0.00	19.90 0.48 0.00	21.46 0.51 -0.51	20.82 0.54 -0.07	20.27 0.58 -0.38	21.26 0.61 -0.66	28.65 0.77 -0.03	26.50 0.78 0.00	32.10 1.05 0.00	33.40 1.08 0.00	35.58 1.18 0.00	31.21 1.08 0.00	31.52 0.89 0.00	26.54 0.71 0.00	27.52 0.55 0.00
ROARING___BROOK_WT_PWR 323790	17.90 -0.44 0.00	17.20 -0.42 0.00	13.68 -0.33 0.00	11.48 -0.28 0.00	11.46 -0.35 0.00	12.61 -0.44 0.00	15.90 -0.54 0.00	17.20 -0.55 0.00	17.14 -0.40 0.00	15.93 -0.39 0.00	19.02 -0.40 0.00	19.90 -0.55 0.00	19.59 -0.65 -0.04	16.80 -0.82 1.69	-10.28 -0.78 29.50	6.58 -0.99 20.28	-36.93 -0.82 61.84	-47.79 -0.77 78.08	-21.36 -1.29 52.39	33.04 -1.36 0.00	1.62 -1.25 27.26	-27.19 -1.18 56.64	-39.00 -1.13 63.71	-17.53 -1.23 43.27
ROCHESRG_115KV_T4 355643	18.17 -0.17 0.00	17.35 -0.27 0.00	13.67 -0.34 0.00	11.42 -0.34 0.00	11.49 -0.32 0.00	12.75 -0.30 0.00	15.98 -0.46 0.00	17.27 -0.48 0.00	17.03 -0.51 0.00	15.91 -0.41 0.00	19.01 -0.41 0.00	20.06 -0.39 0.00	19.81 -0.39 0.00	19.10 -0.21 0.00	19.82 -0.17 0.00	27.76 -0.09 0.00	25.61 -0.12 0.00	30.91 -0.15 0.00	32.36 0.04 0.00	34.66 0.25 0.00	30.16 0.03 0.00	30.53 -0.10 0.00	25.90 0.07 0.00	27.16 0.20 0.00

ROCHESTER_9_IC 23652	18.26 -0.08 0.00	17.44 -0.19 0.00	13.74 -0.27 0.00	11.47 -0.28 0.00	11.55 -0.27 0.00	12.82 -0.23 0.00	16.06 -0.38 0.00	17.37 -0.38 0.00	17.12 -0.42 0.00	16.00 -0.32 0.00	19.13 -0.29 0.00	20.19 -0.26 0.00	19.95 -0.25 0.00	19.24 -0.06 0.00	19.97 -0.02 0.00	27.99 0.14 0.00	25.83 0.10 0.00	31.18 0.12 0.00	32.66 0.34 0.00	34.98 0.58 0.00	30.43 0.30 0.00	30.80 0.17 0.00	26.11 0.28 0.00	27.37 0.41 0.00
ROCKVIEW_13_KV_LD 356306	19.43 1.08 0.00	18.68 1.05 0.00	14.82 0.81 0.00	12.44 0.68 0.00	12.51 0.70 0.00	13.83 0.78 0.00	17.54 1.10 0.00	18.98 1.24 0.00	18.83 1.29 0.00	17.56 1.24 0.00	20.98 1.57 0.00	25.10 1.66 -2.99	22.32 1.70 -0.42	23.25 1.69 -2.26	25.64 1.77 -3.88	30.48 2.47 -0.16	28.15 2.42 0.00	34.00 2.94 0.00	35.17 2.84 0.00	37.17 2.77 0.00	32.52 2.39 0.00	32.91 2.28 0.00	27.75 1.92 0.00	28.70 1.74 0.00
ROME____115KV_TB2 80656	18.91 0.57 0.00	18.14 0.51 0.00	14.39 0.37 0.00	12.05 0.29 0.00	12.11 0.29 0.00	13.39 0.35 0.00	16.93 0.48 0.00	18.21 0.47 0.00	18.02 0.47 0.00	16.72 0.40 0.00	19.88 0.46 0.00	20.91 0.46 0.00	20.52 0.39 0.06	18.21 0.46 1.56	3.17 0.58 17.40	9.14 0.92 19.64	18.85 0.98 7.86	25.82 1.38 6.62	32.74 1.39 0.97	36.01 1.61 0.00	31.05 1.43 0.50	30.95 1.37 1.05	25.69 1.03 1.18	27.07 0.91 0.80
ROSETON____1 23587	19.14 0.80 0.00	18.41 0.79 0.00	14.62 0.61 0.00	12.27 0.51 0.00	12.34 0.53 0.00	13.64 0.59 0.00	17.29 0.85 0.00	18.69 0.95 0.00	18.51 0.97 0.00	17.23 0.91 0.00	20.56 1.14 0.00	21.65 1.20 0.00	21.42 1.22 0.00	20.54 1.24 0.00	21.28 1.29 0.00	29.67 1.82 0.00	27.53 1.80 0.00	33.27 2.22 0.00	34.48 2.16 0.00	36.52 2.11 0.00	31.96 1.83 0.00	32.32 1.69 0.00	27.24 1.40 0.00	28.20 1.24 0.00
ROSETON____2 23588	19.14 0.80 0.00	18.41 0.79 0.00	14.62 0.61 0.00	12.27 0.51 0.00	12.34 0.53 0.00	13.64 0.59 0.00	17.29 0.85 0.00	18.69 0.95 0.00	18.51 0.97 0.00	17.23 0.91 0.00	20.56 1.14 0.00	21.65 1.20 0.00	21.42 1.22 0.00	20.54 1.24 0.00	21.28 1.29 0.00	29.67 1.82 0.00	27.53 1.80 0.00	33.27 2.22 0.00	34.48 2.16 0.00	36.52 2.11 0.00	31.96 1.83 0.00	32.32 1.69 0.00	27.24 1.40 0.00	28.20 1.24 0.00
ROTTDRAM_115KV_TB3 80664	18.90 0.56 0.00	18.18 0.56 0.00	14.45 0.43 0.00	12.11 0.35 0.00	12.18 0.37 0.00	13.46 0.42 0.00	17.02 0.58 0.00	18.34 0.59 0.00	18.09 0.55 0.00	16.78 0.46 0.00	19.96 0.55 0.00	21.48 0.59 -0.44	20.85 0.58 -0.06	20.26 0.62 -0.33	21.22 0.66 -0.57	28.83 0.95 -0.02	26.70 0.98 0.00	32.34 1.28 0.00	33.66 1.34 0.00	35.79 1.38 0.00	31.41 1.28 0.00	31.78 1.15 0.00	26.79 0.95 0.00	27.80 0.84 0.00
RUSSELL____1 23602	18.34 0.00 0.00	17.51 -0.12 0.00	13.79 -0.22 0.00	11.52 -0.24 0.00	11.59 -0.22 0.00	12.87 -0.18 0.00	16.13 -0.31 0.00	17.43 -0.31 0.00	17.20 -0.34 0.00	16.08 -0.24 0.00	19.22 -0.19 0.00	20.30 -0.15 0.00	20.07 -0.14 0.00	19.36 0.06 0.00	20.09 0.10 0.00	28.20 0.34 0.00	26.01 0.28 0.00	31.42 0.37 0.00	32.93 0.60 0.00	35.28 0.88 0.00	30.68 0.55 0.00	31.03 0.40 0.00	26.30 0.46 0.00	27.55 0.58 0.00
RUSSELL____2 23532	18.34 0.00 0.00	17.51 -0.12 0.00	13.79 -0.22 0.00	11.52 -0.24 0.00	11.59 -0.22 0.00	12.87 -0.18 0.00	16.13 -0.31 0.00	17.43 -0.31 0.00	17.20 -0.34 0.00	16.08 -0.24 0.00	19.22 -0.19 0.00	20.30 -0.15 0.00	20.07 -0.14 0.00	19.36 0.06 0.00	20.09 0.10 0.00	28.20 0.34 0.00	26.01 0.28 0.00	31.42 0.37 0.00	32.93 0.60 0.00	35.28 0.88 0.00	30.68 0.55 0.00	31.03 0.40 0.00	26.30 0.46 0.00	27.55 0.58 0.00
RUSSELL____3 23549	18.34 0.00 0.00	17.51 -0.12 0.00	13.79 -0.22 0.00	11.52 -0.24 0.00	11.59 -0.22 0.00	12.87 -0.18 0.00	16.13 -0.31 0.00	17.43 -0.31 0.00	17.20 -0.34 0.00	16.08 -0.24 0.00	19.22 -0.19 0.00	20.30 -0.15 0.00	20.07 -0.14 0.00	19.36 0.06 0.00	20.09 0.10 0.00	28.20 0.34 0.00	26.01 0.28 0.00	31.42 0.37 0.00	32.93 0.60 0.00	35.28 0.88 0.00	30.68 0.55 0.00	31.03 0.40 0.00	26.30 0.46 0.00	27.55 0.58 0.00
RUSSELL____4 23556	18.34 0.00 0.00	17.51 -0.12 0.00	13.79 -0.22 0.00	11.52 -0.24 0.00	11.59 -0.22 0.00	12.87 -0.18 0.00	16.13 -0.31 0.00	17.43 -0.31 0.00	17.20 -0.34 0.00	16.08 -0.24 0.00	19.22 -0.19 0.00	20.30 -0.15 0.00	20.07 -0.14 0.00	19.36 0.06 0.00	20.09 0.10 0.00	28.20 0.34 0.00	26.01 0.28 0.00	31.42 0.37 0.00	32.93 0.60 0.00	35.28 0.88 0.00	30.68 0.55 0.00	31.03 0.40 0.00	26.30 0.46 0.00	27.55 0.58 0.00
RUSSELL____STATION 23914	18.34 0.00 0.00	17.51 -0.12 0.00	13.79 -0.22 0.00	11.52 -0.24 0.00	11.59 -0.22 0.00	12.87 -0.18 0.00	16.13 -0.31 0.00	17.43 -0.31 0.00	17.20 -0.34 0.00	16.08 -0.24 0.00	19.22 -0.19 0.00	20.30 -0.15 0.00	20.07 -0.14 0.00	19.36 0.06 0.00	20.09 0.10 0.00	28.20 0.34 0.00	26.01 0.28 0.00	31.42 0.37 0.00	32.93 0.60 0.00	35.28 0.88 0.00	30.68 0.55 0.00	31.03 0.40 0.00	26.30 0.46 0.00	27.55 0.58 0.00
S SALMON____HYD 24043	18.21 -0.13 0.00	17.47 -0.15 0.00	13.84 -0.17 0.00	11.59 -0.16 0.00	11.63 -0.18 0.00	12.85 -0.19 0.00	16.19 -0.25 0.00	17.41 -0.33 0.00	17.31 -0.24 0.00	16.08 -0.24 0.00	19.07 -0.35 0.00	19.95 -0.50 0.00	19.57 -0.55 0.08	16.78 -0.52 2.00	-3.00 -0.38 22.60	2.20 -0.45 25.20	13.87 -0.49 11.36	20.33 -0.53 10.20	29.36 -0.49 2.47	34.09 -0.32 0.00	28.59 -0.26 1.28	27.57 -0.39 2.67	22.54 -0.29 3.00	24.56 -0.37 2.04
S.PERRY__115KV_TB1 80734	18.78 0.44 0.00	17.83 0.20 0.00	13.98 -0.04 0.00	11.60 -0.15 0.00	11.67 -0.14 0.00	12.96 -0.08 0.00	16.31 -0.12 0.00	17.62 -0.12 0.00	17.30 -0.25 0.00	16.19 -0.13 0.00	19.40 -0.02 0.00	20.51 0.06 0.00	20.19 -0.01 0.00	19.38 0.08 0.00	20.06 0.07 0.00	27.62 -0.23 0.00	25.28 -0.45 0.00	30.62 -0.43 0.00	32.08 -0.24 0.00	34.58 0.17 0.00	30.34 0.21 0.00	30.62 -0.01 0.00	26.41 0.58 0.00	27.79 0.83 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.07 -0.27 0.00	17.19 -0.43 0.00	13.47 -0.54 0.00	11.22 -0.54 0.00	11.29 -0.52 0.00	12.56 -0.49 0.00	15.66 -0.78 0.00	16.98 -0.76 0.00	16.73 -0.81 0.00	15.67 -0.65 0.00	18.80 -0.62 0.00	19.81 -0.64 0.00	19.52 -0.68 0.00	18.87 -0.44 0.00	19.61 -0.38 0.00	27.46 -0.39 0.00	25.30 -0.43 0.00	30.43 -0.63 0.00	31.85 -0.47 0.00	34.18 -0.22 0.00	29.66 -0.47 0.00	30.00 -0.63 0.00	25.63 -0.20 0.00	27.05 0.09 0.00
SAWYER____23_KV_LOAD 55526	18.07 -0.27 0.00	17.19 -0.43 0.00	13.47 -0.54 0.00	11.22 -0.54 0.00	11.29 -0.52 0.00	12.56 -0.49 0.00	15.66 -0.78 0.00	16.98 -0.76 0.00	16.73 -0.81 0.00	15.67 -0.65 0.00	18.80 -0.62 0.00	19.81 -0.64 0.00	19.52 -0.68 0.00	18.87 -0.44 0.00	19.61 -0.38 0.00	27.46 -0.39 0.00	25.30 -0.43 0.00	30.43 -0.63 0.00	31.85 -0.47 0.00	34.18 -0.22 0.00	29.66 -0.47 0.00	30.00 -0.63 0.00	25.63 -0.20 0.00	27.05 0.09 0.00

SELKIRK___I 23801	18.87 0.52 0.00	18.23 0.60 0.00	14.51 0.49 0.00	12.17 0.41 0.00	12.23 0.42 0.00	13.50 0.46 0.00	17.04 0.60 0.00	18.29 0.54 0.00	17.97 0.43 0.00	16.64 0.32 0.00	19.77 0.35 0.00	21.25 0.34 -0.46	20.62 0.36 -0.06	20.06 0.41 -0.35	21.02 0.43 -0.59	28.44 0.56 -0.03	26.34 0.61 0.00	31.93 0.88 0.00	33.31 0.98 0.00	35.54 1.13 0.00	31.19 1.07 0.00	31.55 0.91 0.00	26.57 0.73 0.00	27.58 0.62 0.00
SELKIRK___II 23799	18.77 0.42 0.00	18.13 0.51 0.00	14.43 0.41 0.00	12.10 0.34 0.00	12.16 0.34 0.00	13.43 0.38 0.00	16.96 0.53 0.00	18.24 0.50 0.00	17.99 0.44 0.00	16.69 0.36 0.00	19.85 0.44 0.00	21.39 0.45 -0.49	20.75 0.48 -0.07	20.19 0.51 -0.37	21.16 0.54 -0.63	28.57 0.69 -0.03	26.44 0.72 0.00	31.99 0.94 0.00	33.30 0.98 0.00	35.44 1.04 0.00	31.08 0.95 0.00	31.43 0.80 0.00	26.47 0.64 0.00	27.47 0.50 0.00
SENECA OSWGO___HYD 24041	18.16 -0.18 0.00	17.42 -0.20 0.00	13.81 -0.21 0.00	11.56 -0.20 0.00	11.63 -0.17 0.00	12.85 -0.20 0.00	16.16 -0.28 0.00	17.40 -0.34 0.00	17.20 -0.34 0.00	16.01 -0.31 0.00	19.06 -0.36 0.00	20.06 -0.39 0.00	19.78 -0.40 0.03	18.40 -0.31 0.60	13.08 -0.26 6.65	19.92 -0.33 7.60	22.78 -0.30 2.65	28.77 -0.24 2.04	32.06 -0.26 0.00	34.17 -0.23 0.00	29.88 -0.25 0.00	30.27 -0.37 0.00	25.54 -0.30 0.00	26.64 -0.32 0.00
SENECA___115KV_TB3 355854	18.27 -0.07 0.00	17.38 -0.25 0.00	13.61 -0.41 0.00	11.32 -0.44 0.00	11.40 -0.41 0.00	12.67 -0.37 0.00	15.83 -0.61 0.00	17.18 -0.56 0.00	16.97 -0.57 0.00	15.90 -0.42 0.00	19.09 -0.32 0.00	20.12 -0.33 0.00	19.82 -0.39 0.00	19.14 -0.16 0.00	19.93 -0.06 0.00	27.92 0.07 0.00	25.74 0.01 0.00	30.98 -0.08 -0.01	32.38 0.06 0.00	34.70 0.30 0.00	30.11 -0.02 0.00	30.42 -0.21 0.00	25.92 0.09 0.00	27.29 0.33 0.00
SENECA___ENERGY 23797	18.31 -0.03 0.00	17.53 -0.10 0.00	13.82 -0.19 0.00	11.55 -0.21 0.00	11.62 -0.20 0.00	12.86 -0.18 0.00	16.22 -0.22 0.00	17.52 -0.22 0.00	17.32 -0.22 0.00	16.14 -0.18 0.00	19.21 -0.21 0.00	20.26 -0.19 0.00	20.00 -0.19 0.01	18.89 -0.07 0.34	16.22 0.00 3.76	23.64 0.09 4.30	24.45 0.22 1.50	30.26 0.35 1.15	32.73 0.41 0.00	35.02 0.62 0.00	30.54 0.41 0.00	30.85 0.22 0.00	25.96 0.13 0.00	27.08 0.12 0.00
SHOEMAKER___GT 23640	19.04 0.70 0.00	18.31 0.68 0.00	14.53 0.52 0.00	12.20 0.44 0.00	12.27 0.46 0.00	13.56 0.52 0.00	17.17 0.73 0.00	18.55 0.81 0.00	18.36 0.82 0.00	17.08 0.76 0.00	20.36 0.95 0.00	18.81 1.00 2.64	20.84 1.01 0.37	18.34 1.03 2.00	17.65 1.09 3.43	29.28 1.57 0.14	27.31 1.58 0.00	33.03 1.98 0.00	34.28 1.95 0.00	36.35 1.95 0.00	31.81 1.68 0.00	32.18 1.55 0.00	27.11 1.28 0.00	28.10 1.13 0.00
SHOEMAKR_138KV_BK 111 55601	19.04 0.69 0.00	18.30 0.68 0.00	14.53 0.52 0.00	12.20 0.44 0.00	12.27 0.46 0.00	13.56 0.52 0.00	17.17 0.73 0.00	18.55 0.81 0.00	18.37 0.83 0.00	17.09 0.76 0.00	20.38 0.96 0.00	18.96 1.02 2.51	20.89 1.04 0.35	18.46 1.06 1.90	17.84 1.12 3.26	29.31 1.60 0.13	27.33 1.60 0.00	33.06 2.00 0.00	34.28 1.95 0.00	36.34 1.94 0.00	31.80 1.67 0.00	32.17 1.54 0.00	27.10 1.27 0.00	28.09 1.13 0.00
SHOREHAM_IC_1 23715	19.55 1.20 0.00	18.79 1.16 0.00	15.14 1.12 0.00	12.74 0.98 0.00	12.85 1.04 0.00	14.08 1.03 0.00	17.92 1.48 0.00	19.26 1.52 0.00	19.16 1.62 0.00	17.84 1.54 0.03	22.54 1.85 -1.28	31.64 1.94 -9.25	31.45 2.00 -9.25	43.70 1.91 -22.48	31.27 1.98 -9.30	65.10 2.75 -34.50	28.13 2.40 0.00	33.97 2.91 0.00	35.20 2.87 0.00	37.50 3.09 0.00	37.13 2.87 -4.13	90.35 2.82 -56.90	48.68 2.47 -20.37	30.41 2.31 -1.14
SHOREHAM_IC_2 23716	19.55 1.20 0.00	18.79 1.16 0.00	15.14 1.12 0.00	12.74 0.98 0.00	12.85 1.04 0.00	14.08 1.03 0.00	17.92 1.48 0.00	19.26 1.52 0.00	19.16 1.62 0.00	17.84 1.54 0.03	22.54 1.85 -1.28	31.64 1.94 -9.25	31.45 2.00 -9.25	43.70 1.91 -22.48	31.27 1.98 -9.30	65.10 2.75 -34.50	28.13 2.40 0.00	33.97 2.91 0.00	35.20 2.87 0.00	37.50 3.09 0.00	37.13 2.87 -4.13	90.35 2.82 -56.90	48.68 2.47 -20.37	30.41 2.31 -1.14
SISSONVILLE____ 23735	17.87 -0.47 0.00	17.10 -0.52 0.00	13.70 -0.31 0.00	11.67 -0.09 0.00	11.56 -0.25 0.00	12.74 -0.31 0.00	16.03 -0.41 0.00	17.34 -0.41 0.00	17.16 -0.38 0.00	15.91 -0.40 0.00	18.88 -0.54 0.00	19.81 -0.64 0.00	18.74 -0.71 0.75	-0.54 -1.00 18.85	-194.64 -1.12 213.51	-210.82 -1.53 237.13	-86.60 -1.52 110.80	-72.04 -1.99 101.10	3.64 -1.76 26.92	32.73 -1.67 0.00	14.77 -1.36 14.00	0.35 -1.17 29.10	-6.99 -0.69 32.13	6.80 -0.59 19.57
SITHE_IND_GS1 24169	17.96 -0.39 0.00	17.24 -0.39 0.00	13.67 -0.35 0.00	11.45 -0.31 0.00	11.52 -0.29 0.00	12.71 -0.34 0.00	15.96 -0.48 0.00	17.18 -0.57 0.00	16.98 -0.56 0.00	15.82 -0.50 0.00	18.81 -0.61 0.00	19.78 -0.67 0.00	19.56 -0.64 0.00	18.76 -0.55 0.00	19.43 -0.57 0.00	27.08 -0.77 0.00	25.04 -0.69 0.00	30.26 -0.79 0.00	31.51 -0.81 0.00	33.57 -0.83 0.00	29.37 -0.76 0.00	29.78 -0.85 0.00	25.12 -0.71 0.00	26.24 -0.72 0.00
SITHE_IND_GS2 24170	17.96 -0.39 0.00	17.24 -0.39 0.00	13.67 -0.35 0.00	11.45 -0.31 0.00	11.52 -0.29 0.00	12.71 -0.34 0.00	15.96 -0.48 0.00	17.18 -0.57 0.00	16.98 -0.56 0.00	15.82 -0.50 0.00	18.81 -0.61 0.00	19.78 -0.67 0.00	19.56 -0.64 0.00	18.76 -0.55 0.00	19.43 -0.57 0.00	27.08 -0.77 0.00	25.04 -0.69 0.00	30.26 -0.79 0.00	31.51 -0.81 0.00	33.57 -0.83 0.00	29.37 -0.76 0.00	29.78 -0.85 0.00	25.12 -0.71 0.00	26.24 -0.72 0.00
SITHE_IND_GS3 24171	17.96 -0.39 0.00	17.24 -0.39 0.00	13.67 -0.35 0.00	11.45 -0.31 0.00	11.52 -0.29 0.00	12.71 -0.34 0.00	15.96 -0.48 0.00	17.18 -0.57 0.00	16.98 -0.56 0.00	15.82 -0.50 0.00	18.81 -0.61 0.00	19.78 -0.67 0.00	19.56 -0.64 0.00	18.76 -0.55 0.00	19.43 -0.57 0.00	27.08 -0.77 0.00	25.04 -0.69 0.00	30.26 -0.79 0.00	31.51 -0.81 0.00	33.57 -0.83 0.00	29.37 -0.76 0.00	29.78 -0.85 0.00	25.12 -0.71 0.00	26.24 -0.72 0.00
SITHE_IND_GS4 24172	17.96 -0.39 0.00	17.24 -0.39 0.00	13.67 -0.35 0.00	11.45 -0.31 0.00	11.52 -0.29 0.00	12.71 -0.34 0.00	15.96 -0.48 0.00	17.18 -0.57 0.00	16.98 -0.56 0.00	15.82 -0.50 0.00	18.81 -0.61 0.00	19.78 -0.67 0.00	19.56 -0.64 0.00	18.76 -0.55 0.00	19.43 -0.57 0.00	27.08 -0.77 0.00	25.04 -0.69 0.00	30.26 -0.79 0.00	31.51 -0.81 0.00	33.57 -0.83 0.00	29.37 -0.76 0.00	29.78 -0.85 0.00	25.12 -0.71 0.00	26.24 -0.72 0.00
SITHE___BATAVIA 24024	18.50 0.15 0.00	17.60 -0.03 0.00	13.81 -0.20 0.00	11.52 -0.24 0.00	11.60 -0.21 0.00	12.91 -0.14 0.00	16.15 -0.29 0.00	17.49 -0.25 0.00	17.21 -0.33 0.00	16.08 -0.24 0.00	19.18 -0.24 0.00	20.24 -0.22 0.00	19.97 -0.23 0.00	19.40 0.09 0.00	20.16 0.17 0.00	28.30 0.45 0.00	26.08 0.36 0.00	31.47 0.41 -0.01	33.07 0.74 0.00	35.62 1.22 0.00	30.99 0.86 0.00	31.35 0.72 0.00	26.68 0.85 0.00	28.04 1.08 0.00

SITHE___INDEPEND 23800	17.96 -0.39 0.00	17.24 -0.39 0.00	13.67 -0.35 0.00	11.45 -0.31 0.00	11.52 -0.29 0.00	12.71 -0.34 0.00	15.96 -0.48 0.00	17.18 -0.56 0.00	16.98 -0.56 0.00	15.82 -0.50 0.00	18.81 -0.61 0.00	19.78 -0.67 0.00	19.56 -0.64 0.00	18.76 -0.55 0.00	19.43 -0.57 0.00	27.08 -0.77 0.00	25.03 -0.70 0.00	30.25 -0.80 0.00	31.51 -0.81 0.00	33.57 -0.83 0.00	29.37 -0.76 0.00	29.78 -0.85 0.00	25.12 -0.71 0.00	26.24 -0.73 0.00
SITHE___MASSENA 23902	17.96 -0.39 0.00	17.22 -0.40 0.00	13.78 -0.24 0.00	11.70 -0.06 0.00	11.62 -0.19 0.00	12.81 -0.24 0.00	16.12 -0.32 0.00	17.45 -0.29 0.00	17.27 -0.27 0.00	16.06 -0.26 0.00	19.07 -0.34 0.00	20.07 -0.38 0.00	18.71 -0.40 1.08	-8.27 -0.58 27.00	-285.31 -0.66 304.65	-312.92 -0.94 339.82	-127.83 -0.96 152.60	-106.92 -1.29 136.68	-1.47 -1.14 32.65	33.31 -1.09 0.00	12.26 -0.88 16.99	-5.38 -0.71 35.30	-14.22 -0.46 39.59	0.10 -0.39 26.47
SITHE___OGDNSBRG 24021	18.13 -0.22 0.00	17.36 -0.27 0.00	13.91 -0.10 0.00	11.83 0.07 0.00	11.73 -0.08 0.00	12.95 -0.10 0.00	16.28 -0.16 0.00	17.54 -0.20 0.00	17.31 -0.23 0.00	16.06 -0.26 0.00	19.06 -0.36 0.00	20.04 -0.41 0.00	18.88 -0.44 0.88	-3.38 -0.67 22.01	-229.68 -0.77 248.91	-250.22 -1.06 277.02	-102.35 -1.04 127.04	-85.19 -1.33 114.92	2.23 -0.95 29.15	33.60 -0.80 0.00	14.41 -0.55 15.16	-1.20 -0.32 31.51	-9.28 -0.08 35.03	4.71 -0.01 22.25
SITHE___STERLING 23777	18.81 0.47 0.00	18.05 0.42 0.00	14.31 0.29 0.00	11.98 0.22 0.00	12.04 0.23 0.00	13.32 0.28 0.00	16.83 0.39 0.00	18.12 0.37 0.00	17.90 0.35 0.00	16.63 0.30 0.00	19.80 0.38 0.00	20.85 0.40 0.00	20.50 0.34 0.04	18.71 0.41 1.01	9.34 0.52 11.16	15.90 0.81 12.76	22.14 0.86 4.45	28.84 1.22 3.43	33.52 1.19 0.00	35.73 1.32 0.00	31.31 1.18 0.00	31.77 1.14 0.00	26.69 0.86 0.00	27.72 0.76 0.00
SLEIGHT___34_KV_TB1 80719	18.21 -0.13 0.00	17.42 -0.21 0.00	13.74 -0.27 0.00	11.48 -0.28 0.00	11.55 -0.26 0.00	12.81 -0.23 0.00	16.12 -0.32 0.00	17.41 -0.33 0.00	17.20 -0.34 0.00	16.05 -0.27 0.00	19.14 -0.28 0.00	20.21 -0.24 0.00	19.98 -0.22 0.00	19.24 -0.06 0.00	19.96 -0.03 0.00	27.98 0.13 0.00	25.88 0.16 0.00	31.27 0.22 0.00	32.70 0.37 0.00	34.99 0.59 0.00	30.44 0.31 0.00	30.76 0.13 0.00	26.00 0.17 0.00	27.17 0.21 0.00
SOUTH CAIRO___GT 23612	19.32 0.98 0.00	18.69 1.06 0.00	14.87 0.86 0.00	12.46 0.70 0.00	12.52 0.71 0.00	13.85 0.80 0.00	17.51 1.07 0.00	18.75 1.01 0.00	18.29 0.75 0.00	16.82 0.50 0.00	19.94 0.53 0.00	20.96 0.51 0.00	20.76 0.55 0.00	19.94 0.63 0.00	20.71 0.72 0.00	28.91 1.06 0.00	26.94 1.21 0.00	32.88 1.83 0.00	34.49 2.16 0.00	37.03 2.62 0.00	32.55 2.42 0.00	32.82 2.19 0.00	27.53 1.69 0.00	28.45 1.49 0.00
SOUTH HAMPTN___IC 23720	19.68 1.33 0.00	18.97 1.34 0.00	15.30 1.28 0.00	12.88 1.12 0.00	13.05 1.24 0.00	14.33 1.28 0.00	18.27 1.83 0.00	19.67 1.93 0.00	19.59 2.05 0.00	18.24 1.95 0.03	23.05 2.35 -1.28	32.16 2.45 -9.25	31.95 2.50 -9.25	44.13 2.34 -22.48	31.62 2.33 -9.30	65.52 3.17 -34.50	28.77 3.05 0.00	34.83 3.78 0.00	36.05 3.73 0.00	38.24 3.84 0.00	37.56 3.29 -4.13	90.71 3.18 -56.90	48.94 2.74 -20.37	30.64 2.54 -1.14
SOUTHDOW___115KV_TB1 355954	18.62 0.27 0.00	17.58 -0.05 0.00	13.72 -0.29 0.00	11.42 -0.34 0.00	11.53 -0.28 0.00	12.81 -0.24 0.00	16.13 -0.31 0.00	17.62 -0.12 0.00	17.59 0.05 0.00	16.55 0.23 0.00	19.93 0.51 0.00	21.08 0.63 0.00	20.70 0.50 0.00	19.77 0.47 0.00	20.69 0.70 0.00	29.04 1.19 0.00	26.89 1.16 0.00	32.18 1.13 0.00	33.44 1.12 0.00	35.77 1.37 0.00	30.93 0.80 0.00	31.03 0.40 0.00	26.24 0.41 0.00	27.55 0.58 0.00
SOUTHOLD_69_KV_BK 2 55809	19.59 1.25 0.00	18.97 1.34 0.00	15.34 1.33 0.00	12.92 1.17 0.00	13.17 1.36 0.00	14.49 1.44 0.00	18.50 2.06 0.00	19.93 2.18 0.00	19.89 2.35 0.00	18.49 2.19 0.03	23.33 2.63 -1.28	32.41 2.70 -9.25	32.21 2.76 -9.25	44.28 2.49 -22.48	31.67 2.37 -9.30	65.06 2.71 -34.50	28.73 3.01 0.00	34.91 3.85 0.00	36.14 3.82 0.00	38.29 3.88 0.00	37.55 3.29 -4.13	90.66 3.13 -56.90	48.89 2.68 -20.37	30.53 2.43 -1.14
SOUTHOLD___IC 23719	19.59 1.25 0.00	18.97 1.34 0.00	15.34 1.33 0.00	12.92 1.17 0.00	13.17 1.36 0.00	14.49 1.44 0.00	18.50 2.06 0.00	19.93 2.18 0.00	19.88 2.34 0.00	18.49 2.19 0.03	23.33 2.63 -1.28	32.41 2.70 -9.25	32.20 2.76 -9.25	44.28 2.49 -22.48	31.67 2.37 -9.30	65.06 2.71 -34.50	28.73 3.01 0.00	34.90 3.85 0.00	36.14 3.81 0.00	38.29 3.89 0.00	37.55 3.29 -4.13	90.66 3.14 -56.90	48.89 2.68 -20.37	30.53 2.43 -1.14
SOUTH_FORK_WT_PWR 323839	19.37 1.02 0.00	18.83 1.20 0.00	15.28 1.26 0.00	12.87 1.12 0.00	13.18 1.37 0.00	14.52 1.47 0.00	18.56 2.13 0.00	19.99 2.24 0.00	19.96 2.42 0.00	18.55 2.26 0.03	23.38 2.69 -1.28	32.42 2.71 -9.25	32.21 2.76 -9.25	44.20 2.41 -22.48	31.48 2.18 -9.30	65.01 2.66 -34.50	28.47 2.74 0.00	34.54 3.48 0.00	35.76 3.43 0.00	37.87 3.47 0.00	37.18 2.91 -4.13	90.25 2.73 -56.90	48.54 2.34 -20.37	30.16 2.06 -1.14
SPIERFLS_115KV_TB 1 80737	19.15 0.80 0.00	18.42 0.80 0.00	14.62 0.60 0.00	12.25 0.49 0.00	12.34 0.53 0.00	13.65 0.61 0.00	17.32 0.88 0.00	18.64 0.90 0.00	18.34 0.80 0.00	16.98 0.66 0.00	20.17 0.76 0.00	21.76 0.85 -0.47	21.10 0.83 -0.06	20.54 0.89 -0.35	21.55 0.96 -0.61	29.37 1.50 -0.03	27.12 1.40 0.00	33.01 1.95 0.00	34.33 2.01 0.00	36.36 1.95 0.00	32.10 1.97 0.00	32.42 1.79 0.00	27.44 1.61 0.00	28.40 1.44 0.00
ST LAWRENCE____ 23600	17.94 -0.41 0.00	17.21 -0.42 0.00	13.75 -0.26 0.00	11.58 -0.18 0.00	11.58 -0.22 0.00	12.79 -0.25 0.00	16.10 -0.34 0.00	17.44 -0.31 0.00	17.25 -0.30 0.00	16.05 -0.27 0.00	19.06 -0.35 0.00	20.08 -0.37 0.00	19.90 -0.39 -0.09	19.18 -0.53 -0.40	16.80 -0.59 2.60	32.77 -0.86 -5.78	-8.81 -0.86 33.67	-15.84 -1.13 45.76	-2.88 -1.06 34.14	33.33 -1.07 0.00	11.46 -0.91 17.76	-7.05 -0.77 36.91	-16.30 -0.62 41.51	-1.75 -0.52 28.20
STATE_CA_115KV_115_LB 55624	18.82 0.48 0.00	18.23 0.60 0.00	14.51 0.49 0.00	12.16 0.41 0.00	12.22 0.41 0.00	13.49 0.44 0.00	17.05 0.61 0.00	18.31 0.57 0.00	18.05 0.51 0.00	16.74 0.42 0.00	19.94 0.52 0.00	21.50 0.55 -0.49	20.86 0.59 -0.07	20.31 0.63 -0.37	21.29 0.66 -0.64	28.75 0.87 -0.03	26.60 0.87 0.00	32.23 1.17 0.00	33.53 1.20 0.00	35.68 1.28 0.00	31.28 1.15 0.00	31.60 0.97 0.00	26.59 0.75 0.00	27.57 0.60 0.00
STATE_ST_34_KV_LOAD 55959	18.49 0.14 0.00	17.78 0.15 0.00	14.03 0.02 0.00	11.73 -0.03 0.00	11.81 0.00 0.00	13.06 0.01 0.00	16.49 0.05 0.00	17.74 0.00 0.00	17.55 0.01 0.00	16.36 0.04 0.00	19.42 0.00 0.00	20.51 0.05 0.00	20.23 0.05 0.02	19.11 0.16 0.36	16.28 0.21 3.92	23.74 0.37 4.48	24.60 0.43 1.56	30.58 0.72 1.20	32.92 0.59 0.00	35.24 0.83 0.00	30.78 0.65 0.00	31.21 0.57 0.00	26.19 0.36 0.00	27.34 0.38 0.00

STATION 5_MISC_HYD 23604	18.26 -0.08 0.00	17.44 -0.19 0.00	13.74 -0.27 0.00	11.47 -0.28 0.00	11.55 -0.27 0.00	12.82 -0.23 0.00	16.06 -0.38 0.00	17.37 -0.38 0.00	17.12 -0.41 0.00	16.00 -0.32 0.00	19.13 -0.29 0.00	20.20 -0.25 0.00	19.96 -0.24 0.00	19.25 -0.05 0.00	19.97 -0.02 0.00	28.00 0.15 0.00	25.84 0.11 0.00	31.20 0.15 0.00	32.66 0.34 0.00	34.98 0.58 0.00	30.44 0.31 0.00	30.80 0.17 0.00	26.11 0.28 0.00	27.38 0.42 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.42 0.08 0.00	17.60 -0.03 0.00	13.88 -0.14 0.00	11.59 -0.17 0.00	11.66 -0.15 0.00	12.94 -0.11 0.00	16.27 -0.17 0.00	17.60 -0.15 0.00	17.38 -0.16 0.00	16.22 -0.10 0.00	19.35 -0.07 0.00	20.42 -0.03 0.00	20.16 -0.04 0.00	19.42 0.11 0.00	20.16 0.17 0.00	28.27 0.42 0.00	26.18 0.45 0.00	31.65 0.60 0.00	33.10 0.77 0.00	35.43 1.02 0.00	30.84 0.71 0.00	31.16 0.53 0.00	26.32 0.48 0.00	27.50 0.53 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.17 -0.17 0.00	17.35 -0.27 0.00	13.67 -0.34 0.00	11.42 -0.34 0.00	11.49 -0.32 0.00	12.75 -0.29 0.00	15.99 -0.45 0.00	17.29 -0.45 0.00	17.06 -0.48 0.00	15.94 -0.38 0.00	19.05 -0.37 0.00	20.11 -0.35 0.00	19.87 -0.33 0.00	19.16 -0.14 0.00	19.88 -0.11 0.00	27.88 0.03 0.00	25.73 0.00 0.00	31.07 0.02 0.00	32.54 0.21 0.00	34.84 0.43 0.00	30.31 0.18 0.00	30.66 0.03 0.00	25.97 0.14 0.00	27.21 0.24 0.00
STA_56___34_KV_BUS2 355983	18.17 -0.17 0.00	17.35 -0.27 0.00	13.67 -0.34 0.00	11.42 -0.34 0.00	11.49 -0.32 0.00	12.75 -0.29 0.00	15.99 -0.45 0.00	17.29 -0.45 0.00	17.06 -0.48 0.00	15.94 -0.38 0.00	19.05 -0.37 0.00	20.11 -0.35 0.00	19.87 -0.33 0.00	19.16 -0.14 0.00	19.88 -0.11 0.00	27.88 0.03 0.00	25.73 0.00 0.00	31.07 0.02 0.00	32.54 0.21 0.00	34.84 0.43 0.00	30.31 0.18 0.00	30.66 0.03 0.00	25.97 0.14 0.00	27.21 0.24 0.00
STA_67___115KV_BK2 355882	18.23 -0.11 0.00	17.41 -0.22 0.00	13.71 -0.30 0.00	11.45 -0.31 0.00	11.53 -0.28 0.00	12.79 -0.25 0.00	16.03 -0.41 0.00	17.33 -0.41 0.00	17.09 -0.45 0.00	15.97 -0.35 0.00	19.09 -0.33 0.00	20.15 -0.31 0.00	19.90 -0.30 0.00	19.19 -0.12 0.00	19.91 -0.08 0.00	27.91 0.05 0.00	25.74 0.01 0.00	31.07 0.02 0.00	32.54 0.22 0.00	34.86 0.46 0.00	30.34 0.21 0.00	30.69 0.06 0.00	26.03 0.20 0.00	27.29 0.33 0.00
STA_7___115KV_9TRANS 80674	18.34 0.00 0.00	17.51 -0.12 0.00	13.79 -0.22 0.00	11.52 -0.24 0.00	11.59 -0.22 0.00	12.87 -0.18 0.00	16.13 -0.31 0.00	17.43 -0.31 0.00	17.20 -0.34 0.00	16.08 -0.24 0.00	19.22 -0.19 0.00	20.30 -0.15 0.00	20.07 -0.14 0.00	19.36 0.06 0.00	20.09 0.10 0.00	28.20 0.34 0.00	26.01 0.28 0.00	31.42 0.37 0.00	32.93 0.60 0.00	35.28 0.88 0.00	30.68 0.55 0.00	31.03 0.40 0.00	26.30 0.46 0.00	27.55 0.58 0.00
STA_82___115KV_TB1 80780	18.24 -0.11 0.00	17.42 -0.21 0.00	13.71 -0.30 0.00	11.46 -0.30 0.00	11.53 -0.28 0.00	12.80 -0.25 0.00	16.03 -0.40 0.00	17.34 -0.41 0.00	17.10 -0.44 0.00	15.98 -0.34 0.00	19.09 -0.33 0.00	20.15 -0.30 0.00	19.90 -0.30 0.00	19.20 -0.11 0.00	19.92 -0.07 0.00	27.92 0.07 0.00	25.76 0.03 0.00	31.08 0.03 0.00	32.56 0.23 0.00	34.88 0.48 0.00	30.35 0.22 0.00	30.71 0.08 0.00	26.04 0.21 0.00	27.31 0.35 0.00
STEEL___WIND 323596	18.25 -0.09 0.00	17.36 -0.27 0.00	13.59 -0.42 0.00	11.30 -0.46 0.00	11.38 -0.43 0.00	12.66 -0.39 0.00	15.81 -0.63 0.00	17.16 -0.59 0.00	16.94 -0.60 0.00	15.87 -0.45 0.00	19.05 -0.37 0.00	20.08 -0.38 0.00	19.78 -0.42 0.00	19.10 -0.20 0.00	19.89 -0.10 0.00	27.86 0.01 0.00	25.72 -0.01 0.00	30.95 -0.11 0.00	32.29 -0.03 0.00	34.62 0.22 0.00	30.06 -0.07 0.00	30.36 -0.27 0.00	25.87 0.04 0.00	27.24 0.28 0.00
STEPHTWN_115KV_BK_2 55603	18.89 0.55 0.00	18.26 0.63 0.00	14.53 0.52 0.00	12.17 0.42 0.00	12.24 0.43 0.00	13.52 0.48 0.00	17.16 0.72 0.00	18.43 0.68 0.00	18.14 0.60 0.00	16.78 0.45 0.00	19.95 0.54 0.00	21.53 0.57 -0.51	20.93 0.65 -0.07	20.36 0.68 -0.38	21.41 0.76 -0.66	28.86 0.99 -0.03	26.71 0.98 0.00	32.46 1.40 0.00	33.77 1.44 0.00	35.92 1.52 0.00	31.45 1.32 0.00	31.77 1.14 0.00	26.72 0.89 0.00	27.73 0.76 0.00
STEUBEN_REC_LFGE 323667	18.53 0.18 0.00	17.47 -0.16 0.00	13.57 -0.44 0.00	11.16 -0.60 0.00	11.21 -0.60 0.00	12.47 -0.58 0.00	15.74 -0.70 0.00	17.22 -0.53 0.00	17.17 -0.37 0.00	16.05 -0.27 0.00	19.28 -0.13 0.00	20.38 -0.07 0.00	19.98 -0.22 0.00	19.16 -0.15 0.00	20.00 0.01 0.00	27.90 0.05 0.00	25.66 -0.07 0.00	31.09 0.04 0.00	32.28 -0.05 0.00	34.63 0.22 0.00	30.02 -0.11 0.00	30.04 -0.59 0.00	25.29 -0.55 0.00	26.29 -0.68 0.00
STILLWATER___SOLAR 323814	19.20 0.86 0.00	18.49 0.86 0.00	14.69 0.67 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.70 0.65 0.00	17.35 0.91 0.00	18.66 0.92 0.00	18.35 0.81 0.00	16.98 0.66 0.00	20.18 0.76 0.00	21.76 0.83 -0.48	21.11 0.84 -0.07	20.54 0.88 -0.36	21.54 0.93 -0.62	29.25 1.38 -0.03	27.10 1.38 0.00	32.91 1.86 0.00	34.30 1.97 0.00	36.49 2.09 0.00	32.07 1.94 0.00	32.39 1.76 0.00	27.30 1.47 0.00	28.29 1.33 0.00
STONY___BROOK 24151	19.74 1.40 0.00	18.96 1.33 0.00	15.17 1.15 0.00	12.76 1.01 0.00	12.86 1.05 0.00	14.13 1.08 0.00	17.97 1.52 0.00	19.36 1.61 0.00	19.20 1.66 0.00	17.85 1.56 0.03	22.73 2.03 -1.28	31.85 2.14 -9.25	31.63 2.18 -9.25	43.91 2.13 -22.48	31.53 2.23 -9.30	65.48 3.13 -34.50	28.50 2.77 0.00	34.42 3.37 0.00	35.65 3.33 0.00	37.94 3.54 0.00	37.34 3.07 -4.13	90.55 3.02 -56.90	48.89 2.69 -20.37	30.68 2.58 -1.14
STURGEON_POOL_HYD 23609	19.20 0.86 0.00	18.43 0.81 0.00	14.62 0.61 0.00	12.27 0.51 0.00	12.35 0.54 0.00	13.65 0.60 0.00	17.32 0.88 0.00	18.77 1.03 0.00	18.63 1.08 0.00	17.35 1.03 0.00	20.70 1.28 0.00	21.79 1.35 0.00	21.57 1.37 0.00	20.67 1.37 0.00	21.42 1.43 0.00	29.93 2.08 0.00	27.81 2.09 0.00	33.59 2.54 0.00	34.83 2.50 0.00	36.81 2.41 0.00	32.19 2.06 0.00	32.58 1.95 0.00	27.43 1.60 0.00	28.37 1.41 0.00
ST_LAW_115_BK7_LBMP 345037	17.90 -0.45 0.00	17.18 -0.45 0.00	13.73 -0.28 0.00	11.57 -0.19 0.00	11.57 -0.25 0.00	12.77 -0.27 0.00	16.07 -0.37 0.00	17.41 -0.34 0.00	17.22 -0.33 0.00	16.03 -0.29 0.00	19.03 -0.39 0.00	20.04 -0.41 0.00	19.88 -0.43 -0.11	19.56 -0.57 -0.83	21.52 -0.65 -2.19	38.08 -0.95 -11.17	-6.70 -0.95 31.48	-14.09 -1.25 43.89	-2.68 -1.17 33.84	33.23 -1.17 0.00	11.53 -0.99 17.61	-6.79 -0.84 36.58	-15.97 -0.66 41.14	-1.54 -0.55 27.95
ST_LAW_115_BK8_LBMP 345038	17.90 -0.45 0.00	17.18 -0.45 0.00	13.73 -0.28 0.00	11.57 -0.19 0.00	11.57 -0.25 0.00	12.77 -0.27 0.00	16.07 -0.37 0.00	17.41 -0.34 0.00	17.22 -0.33 0.00	16.03 -0.29 0.00	19.03 -0.39 0.00	20.04 -0.41 0.00	19.88 -0.43 -0.11	19.56 -0.57 -0.83	21.52 -0.65 -2.19	38.08 -0.95 -11.17	-6.70 -0.95 31.48	-14.09 -1.25 43.89	-2.68 -1.17 33.84	33.23 -1.17 0.00	11.53 -0.99 17.61	-6.79 -0.84 36.58	-15.97 -0.66 41.14	-1.54 -0.55 27.95

ST_LAW_230_BK5_LBMP 345035	17.94 -0.41 0.00	17.21 -0.42 0.00	13.75 -0.26 0.00	11.58 -0.18 0.00	11.58 -0.22 0.00	12.79 -0.25 0.00	16.10 -0.34 0.00	17.44 -0.31 0.00	17.25 -0.30 0.00	16.05 -0.27 0.00	19.06 -0.35 0.00	20.08 -0.37 0.00	19.87 -0.39 -0.06	18.60 -0.53 0.18	10.28 -0.59 9.12	25.42 -0.86 1.57	-11.80 -0.86 36.66	-18.38 -1.13 48.31	-3.29 -1.06 34.55	33.33 -1.07 0.00	11.24 -0.91 17.98	-7.49 -0.77 37.35	-16.80 -0.62 42.01	-2.09 -0.52 28.53
ST_LAW_230_BK6_LBMP 345036	17.94 -0.41 0.00	17.21 -0.42 0.00	13.75 -0.26 0.00	11.58 -0.18 0.00	11.58 -0.22 0.00	12.79 -0.25 0.00	16.10 -0.34 0.00	17.44 -0.31 0.00	17.25 -0.30 0.00	16.05 -0.27 0.00	19.06 -0.35 0.00	20.08 -0.37 0.00	19.87 -0.39 -0.06	18.60 -0.53 0.18	10.28 -0.59 9.12	25.42 -0.86 1.57	-11.80 -0.86 36.66	-18.38 -1.13 48.31	-3.29 -1.06 34.55	33.33 -1.07 0.00	11.24 -0.91 17.98	-7.49 -0.77 37.35	-16.80 -0.62 42.01	-2.09 -0.52 28.53
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.13 0.78 0.00	18.40 0.77 0.00	14.60 0.59 0.00	12.25 0.49 0.00	12.33 0.52 0.00	13.63 0.58 0.00	17.26 0.82 0.00	18.67 0.92 0.00	18.50 0.96 0.00	17.23 0.90 0.00	20.56 1.14 0.00	18.60 1.22 3.07	21.01 1.24 0.43	18.24 1.25 2.32	17.32 1.32 3.99	29.57 1.89 0.16	27.61 1.88 0.00	33.40 2.34 0.00	34.57 2.25 0.00	36.60 2.20 0.00	32.01 1.88 0.00	32.37 1.74 0.00	27.26 1.43 0.00	28.24 1.28 0.00
SWANROAD_115KV_TB1 355699	17.79 -0.55 0.00	16.93 -0.69 0.00	13.28 -0.73 0.00	11.07 -0.69 0.00	11.13 -0.68 0.00	12.39 -0.66 0.00	15.41 -1.03 0.00	16.69 -1.05 0.00	16.38 -1.16 0.00	15.36 -0.96 0.00	18.39 -1.03 0.00	19.35 -1.10 0.00	19.09 -1.11 0.00	18.49 -0.82 0.00	19.19 -0.80 0.00	26.90 -0.95 0.00	24.76 -0.97 0.00	29.77 -1.29 0.00	31.22 -1.10 0.00	33.56 -0.85 0.00	29.13 -1.00 0.00	29.52 -1.12 0.00	25.29 -0.55 0.00	26.74 -0.22 0.00
SYNERGY___BIOGAS 323694	18.50 0.15 0.00	17.60 -0.03 0.00	13.81 -0.20 0.00	11.52 -0.24 0.00	11.60 -0.21 0.00	12.91 -0.14 0.00	16.15 -0.29 0.00	17.49 -0.25 0.00	17.21 -0.33 0.00	16.08 -0.24 0.00	19.18 -0.24 0.00	20.24 -0.22 0.00	19.97 -0.23 0.00	19.40 0.09 0.00	20.16 0.17 0.00	28.30 0.45 0.00	26.08 0.36 0.00	31.47 0.41 -0.01	33.07 0.74 0.00	35.62 1.22 0.00	30.99 0.86 0.00	31.35 0.72 0.00	26.68 0.85 0.00	28.04 1.08 0.00
SYRACUSE___ENERGY_ST1 323597	18.36 0.02 0.00	17.64 0.01 0.00	13.96 -0.05 0.00	11.68 -0.07 0.00	11.77 -0.04 0.00	13.00 -0.05 0.00	16.37 -0.07 0.00	17.64 -0.11 0.00	17.43 -0.11 0.00	16.25 -0.07 0.00	19.35 -0.07 0.00	20.37 -0.08 0.00	20.12 -0.06 0.02	18.90 0.03 0.43	15.31 0.05 4.74	22.56 0.13 5.42	24.01 0.17 1.89	29.88 0.28 1.45	32.61 0.28 0.00	34.76 0.36 0.00	30.37 0.24 0.00	30.78 0.15 0.00	25.92 0.09 0.00	27.03 0.07 0.00
SYRACUSE___ENERGY_ST2 323598	18.36 0.02 0.00	17.64 0.01 0.00	13.96 -0.05 0.00	11.68 -0.07 0.00	11.77 -0.04 0.00	13.00 -0.05 0.00	16.37 -0.07 0.00	17.64 -0.11 0.00	17.43 -0.11 0.00	16.25 -0.07 0.00	19.35 -0.07 0.00	20.37 -0.08 0.00	20.12 -0.06 0.02	18.90 0.03 0.43	15.31 0.05 4.74	22.56 0.13 5.42	24.01 0.17 1.89	29.88 0.28 1.45	32.61 0.28 0.00	34.76 0.36 0.00	30.37 0.24 0.00	30.78 0.15 0.00	25.92 0.09 0.00	27.03 0.07 0.00
SYRACUSE___POWER 24017	18.34 -0.01 0.00	17.59 -0.03 0.00	13.93 -0.08 0.00	11.67 -0.09 0.00	11.74 -0.07 0.00	12.97 -0.08 0.00	16.32 -0.11 0.00	17.60 -0.14 0.00	17.40 -0.14 0.00	16.22 -0.10 0.00	19.31 -0.11 0.00	20.34 -0.11 0.00	20.08 -0.10 0.02	18.84 -0.01 0.45	15.01 0.03 5.01	22.22 0.09 5.72	23.85 0.12 2.00	29.73 0.21 1.54	32.54 0.22 0.00	34.66 0.26 0.00	30.30 0.17 0.00	30.71 0.08 0.00	25.87 0.04 0.00	26.97 0.01 0.00
TALLMAN___138KV_BK151 55660	19.22 0.88 0.00	18.49 0.86 0.00	14.68 0.66 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.69 0.65 0.00	17.36 0.92 0.00	18.78 1.04 0.00	18.63 1.09 0.00	17.37 1.04 0.00	20.74 1.32 4.17	17.69 1.41 0.59	21.06 1.45 3.15	17.59 1.44 5.42	16.07 1.50 2.22	29.76 2.14 0.22	27.86 2.13 0.00	33.68 2.63 0.00	34.80 2.48 0.00	36.79 2.39 0.00	32.17 2.04 0.00	32.52 1.89 0.00	27.40 1.57 0.00	28.37 1.41 0.00
TEALLAVE_115KV_TB7 355573	18.29 -0.05 0.00	17.55 -0.08 0.00	13.90 -0.11 0.00	11.64 -0.12 0.00	11.70 -0.10 0.00	12.94 -0.11 0.00	16.28 -0.16 0.00	17.55 -0.20 0.00	17.35 -0.19 0.00	16.17 -0.15 0.00	19.26 -0.16 0.00	20.28 -0.17 0.00	20.03 -0.15 0.02	18.73 -0.07 0.51	14.35 -0.03 5.61	21.44 0.00 6.42	23.52 0.03 2.24	29.42 0.08 1.72	32.42 0.09 0.00	34.53 0.13 0.00	30.19 0.06 0.00	30.61 -0.02 0.00	25.80 -0.04 0.00	26.90 -0.07 0.00
TELGRAPH_34_KV_EAST 80808	18.19 -0.15 0.00	17.30 -0.32 0.00	13.58 -0.44 0.00	11.31 -0.44 0.00	11.39 -0.42 0.00	12.67 -0.37 0.00	15.81 -0.63 0.00	17.13 -0.61 0.00	16.84 -0.70 0.00	15.77 -0.55 0.00	18.87 -0.55 0.00	19.89 -0.56 0.00	19.62 -0.59 0.00	19.04 -0.27 0.00	19.79 -0.20 0.00	27.76 -0.09 0.00	25.53 -0.20 0.00	30.73 -0.33 -0.01	32.24 -0.09 0.00	34.67 0.27 0.00	30.11 -0.02 0.00	30.49 -0.14 0.00	26.02 0.19 0.00	27.42 0.46 0.00
TEMPLE___115KV_TB 2 55572	18.30 -0.05 0.00	17.56 -0.07 0.00	13.90 -0.11 0.00	11.64 -0.12 0.00	11.71 -0.10 0.00	12.94 -0.11 0.00	16.29 -0.16 0.00	17.56 -0.19 0.00	17.36 -0.18 0.00	16.18 -0.14 0.00	19.27 -0.14 0.00	20.30 -0.16 0.00	20.04 -0.14 0.02	18.76 -0.05 0.50	14.49 -0.02 5.48	21.62 0.03 6.26	23.60 0.05 2.18	29.49 0.11 1.68	32.45 0.12 0.00	34.56 0.16 0.00	30.21 0.08 0.00	30.62 -0.01 0.00	25.81 -0.02 0.00	26.91 -0.06 0.00
TIANA___69_KV_BK 1 55817	19.69 1.35 0.00	18.96 1.33 0.00	15.28 1.26 0.00	12.86 1.10 0.00	13.01 1.20 0.00	14.28 1.23 0.00	18.20 1.76 0.00	19.58 1.84 0.00	19.51 1.97 0.00	18.15 1.86 0.03	22.95 2.25 -1.28	32.06 2.35 -9.25	31.86 2.40 -9.25	44.06 2.28 -22.48	31.59 2.29 -9.30	65.50 3.16 -34.50	28.74 3.01 0.00	34.78 3.72 0.00	36.01 3.68 0.00	38.20 3.80 0.00	37.54 3.28 -4.13	90.72 3.19 -56.90	48.96 2.75 -20.37	30.66 2.56 -1.14
TILDEN___115KV_TB1 80814	18.34 -0.01 0.00	17.59 -0.03 0.00	13.93 -0.08 0.00	11.67 -0.09 0.00	11.74 -0.07 0.00	12.97 -0.08 0.00	16.32 -0.11 0.00	17.60 -0.14 0.00	17.40 -0.14 0.00	16.22 -0.10 0.00	19.31 -0.11 0.00	20.34 -0.11 0.00	20.08 -0.10 0.02	18.84 -0.01 0.45	15.01 0.03 5.01	22.22 0.09 5.72	23.85 0.12 2.00	29.73 0.21 1.54	32.54 0.22 0.00	34.66 0.26 0.00	30.30 0.17 0.00	30.71 0.08 0.00	25.87 0.04 0.00	26.97 0.01 0.00
TRIGEN___CC 323695	19.55 1.21 0.00	18.78 1.15 0.00	14.95 0.93 0.00	12.57 0.82 0.00	12.66 0.85 0.00	13.92 0.88 0.00	17.67 1.23 0.00	19.09 1.35 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	22.46 1.77 -1.28	31.56 1.85 -9.25	31.32 1.87 -9.25	43.61 1.83 -22.48	31.20 1.90 -9.30	64.99 2.64 -34.50	28.31 2.59 0.00	34.19 3.14 0.00	35.35 3.03 0.00	37.42 3.02 0.00	36.91 2.65 -4.13	90.13 2.61 -56.90	48.44 2.24 -20.37	30.17 2.08 -1.14

TRINITY__115KV__4 BK 55933	18.75 0.41 0.00	18.17 0.54 0.00	14.46 0.45 0.00	12.13 0.37 0.00	12.18 0.37 0.00	13.45 0.41 0.00	16.99 0.55 0.00	18.24 0.50 0.00	17.98 0.44 0.00	16.67 0.35 0.00	19.84 0.42 0.00	21.40 0.45 -0.50	20.76 0.49 -0.07	20.22 0.53 -0.38	21.20 0.55 -0.65	28.57 0.69 -0.03	26.43 0.70 0.00	32.01 0.96 0.00	33.30 0.98 0.00	35.46 1.06 0.00	31.11 0.98 0.00	31.42 0.79 0.00	26.45 0.62 0.00	27.43 0.46 0.00
UNION__PROCESSING_DRP 323587	18.24 -0.10 0.00	17.42 -0.21 0.00	13.72 -0.30 0.00	11.46 -0.29 0.00	11.53 -0.28 0.00	12.80 -0.25 0.00	16.04 -0.40 0.00	17.34 -0.40 0.00	17.10 -0.44 0.00	15.98 -0.34 0.00	19.09 -0.33 0.00	20.15 -0.30 0.00	19.91 -0.29 0.00	19.20 -0.10 0.00	19.92 -0.07 0.00	27.93 0.07 0.00	25.76 0.03 0.00	31.10 0.05 0.00	32.57 0.25 0.00	34.89 0.49 0.00	30.37 0.24 0.00	30.73 0.10 0.00	26.05 0.22 0.00	27.32 0.35 0.00
UPPER HUDSON__HYD 24058	19.15 0.80 0.00	18.43 0.80 0.00	14.62 0.60 0.00	12.25 0.49 0.00	12.34 0.53 0.00	13.65 0.61 0.00	17.32 0.88 0.00	18.64 0.90 0.00	18.34 0.80 0.00	16.98 0.66 0.00	20.17 0.76 0.00	21.76 0.85 -0.47	21.10 0.83 -0.06	20.54 0.89 -0.35	21.55 0.96 -0.61	29.37 1.49 -0.03	27.12 1.40 0.00	33.00 1.95 0.00	34.34 2.01 0.00	36.35 1.95 0.00	32.10 1.97 0.00	32.42 1.79 0.00	27.44 1.61 0.00	28.40 1.44 0.00
UPPER RAQUET__HYD 24056	17.87 -0.47 0.00	17.10 -0.52 0.00	13.70 -0.31 0.00	11.67 -0.09 0.00	11.56 -0.25 0.00	12.74 -0.31 0.00	16.03 -0.41 0.00	17.34 -0.41 0.00	17.16 -0.38 0.00	15.92 -0.40 0.00	18.88 -0.54 0.00	19.81 -0.64 0.00	18.74 -0.71 0.75	-0.54 -1.00 18.85	-194.64 -1.12 213.51	-210.82 -1.53 237.13	-86.61 -1.53 110.80	-72.06 -2.01 101.10	3.64 -1.76 26.92	32.73 -1.67 0.00	14.77 -1.36 14.00	0.35 -1.17 29.10	-6.99 -0.69 32.13	6.80 -0.59 19.57
VALLEY44_115KV_TB2 355964	18.46 0.11 0.00	17.69 0.07 0.00	13.92 -0.10 0.00	11.60 -0.16 0.00	11.71 -0.10 0.00	12.99 -0.06 0.00	16.31 -0.13 0.00	17.70 -0.05 0.00	17.58 0.04 0.00	16.42 0.10 0.00	19.63 0.22 0.00	20.72 0.26 0.00	20.29 0.08 0.00	19.47 0.17 0.00	20.34 0.35 0.00	28.43 0.58 0.00	26.17 0.44 0.00	31.60 0.54 0.00	32.80 0.47 0.00	34.97 0.57 0.00	30.35 0.22 0.00	30.65 0.02 0.00	26.12 0.28 0.00	27.38 0.42 0.00
VALLEY__115KV_TB 1-4 80826	18.62 0.28 0.00	17.94 0.31 0.00	14.23 0.21 0.00	11.92 0.16 0.00	11.99 0.17 0.00	13.24 0.20 0.00	16.74 0.30 0.00	18.01 0.26 0.00	17.74 0.20 0.00	16.42 0.10 0.00	19.61 0.19 0.00	20.63 0.19 0.00	20.36 0.18 0.02	19.23 0.23 0.31	17.15 0.28 3.12	24.19 0.33 4.00	26.56 0.48 -0.35	33.04 0.75 -1.24	34.70 0.71 -1.67	35.17 0.77 0.00	31.74 0.74 -0.87	32.96 0.53 -1.81	28.21 0.35 -2.03	28.53 0.19 -1.38
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.06 0.72 0.00	18.29 0.67 0.00	14.52 0.50 0.00	12.18 0.42 0.00	12.25 0.44 0.00	13.55 0.50 0.00	17.12 0.68 0.00	18.49 0.75 0.00	18.24 0.69 0.00	16.98 0.66 0.00	20.25 0.83 0.00	21.32 0.87 0.00	21.06 0.86 0.00	20.17 0.86 0.00	20.92 0.94 0.00	29.21 1.36 0.00	27.05 1.33 0.00	32.80 1.75 0.00	34.11 1.79 0.00	36.23 1.83 0.00	31.64 1.51 0.00	32.05 1.42 0.00	26.99 1.16 0.00	28.04 1.07 0.00
VISCHER__FERRY HYD 24020	19.05 0.70 0.00	18.37 0.74 0.00	14.60 0.58 0.00	12.24 0.48 0.00	12.31 0.50 0.00	13.60 0.55 0.00	17.21 0.77 0.00	18.53 0.78 0.00	18.23 0.69 0.00	16.89 0.57 0.00	20.06 0.64 0.00	21.65 0.69 -0.51	20.98 0.71 -0.07	20.43 0.74 -0.39	21.43 0.78 -0.67	28.90 1.02 -0.03	26.76 1.03 0.00	32.41 1.36 0.00	33.77 1.45 0.00	35.97 1.57 0.00	31.59 1.46 0.00	31.89 1.26 0.00	26.86 1.03 0.00	27.86 0.90 0.00
V_A_10_SYNC_DSASP 323832	17.96 -0.39 0.00	17.13 -0.50 0.00	13.46 -0.56 0.00	11.23 -0.53 0.00	11.30 -0.51 0.00	12.55 -0.49 0.00	15.68 -0.76 0.00	16.98 -0.76 0.00	16.71 -0.83 0.00	15.64 -0.68 0.00	18.70 -0.71 0.00	19.72 -0.73 0.00	19.45 -0.75 0.00	18.78 -0.53 0.00	19.48 -0.51 0.00	27.25 -0.60 0.00	25.13 -0.60 0.00	30.27 -0.79 0.00	31.66 -0.67 0.00	33.94 -0.46 0.00	29.49 -0.64 0.00	29.86 -0.77 0.00	25.47 -0.36 0.00	26.85 -0.11 0.00
V_CMM_10_SYNC_DSASP 323787	17.98 -0.37 0.00	17.25 -0.38 0.00	13.79 -0.22 0.00	11.62 -0.14 0.00	11.62 -0.20 0.00	12.83 -0.22 0.00	16.14 -0.30 0.00	17.49 -0.26 0.00	17.30 -0.24 0.00	16.10 -0.22 0.00	19.12 -0.30 0.00	20.14 -0.31 0.00	19.98 -0.33 -0.11	19.66 -0.48 -0.83	21.62 -0.55 -2.19	38.22 -0.81 -11.17	-6.58 -0.82 31.48	-13.94 -1.10 43.89	-2.53 -1.01 33.84	33.40 -1.00 0.00	11.68 -0.84 17.61	-6.65 -0.70 36.58	-15.85 -0.54 41.14	-1.40 -0.42 27.95
V_CMP_10_SYNC_DSASP 323788	18.48 0.14 0.00	17.57 -0.06 0.00	13.97 -0.05 0.00	11.77 0.01 0.00	11.87 0.06 0.00	13.09 0.05 0.00	16.56 0.12 0.00	17.80 0.06 0.00	17.45 -0.10 0.00	16.18 -0.14 0.00	19.19 -0.23 0.00	20.02 -0.43 0.00	19.75 -0.39 0.06	15.53 -0.72 3.06	-21.52 -0.90 40.61	-11.51 -1.50 37.86	-23.31 -0.95 48.09	-25.89 -0.50 56.44	-0.69 0.36 33.38	34.84 0.44 0.00	12.99 0.22 17.36	-6.37 -0.92 36.08	-20.53 -1.52 44.84	-21.39 -1.66 46.69
V_D_10_SYNC_DSASP 323841	17.96 -0.38 0.00	17.23 -0.40 0.00	13.78 -0.23 0.00	11.70 -0.06 0.00	11.62 -0.19 0.00	12.82 -0.23 0.00	16.13 -0.31 0.00	17.46 -0.28 0.00	17.27 -0.27 0.00	16.07 -0.25 0.00	19.08 -0.34 0.00	20.08 -0.37 0.00	19.98 -0.39 -0.17	21.14 -0.56 -2.40	39.06 -0.64 -19.71	57.84 -0.92 -30.92	1.35 -0.94 23.44	-7.28 -1.27 37.05	-1.54 -1.13 32.74	33.32 -1.08 0.00	12.23 -0.87 17.03	-5.46 -0.70 35.39	-14.32 -0.45 39.70	0.01 -0.38 26.58
V_E_10_SYNC_DSASP 323830	19.56 1.22 0.00	18.62 1.00 0.00	14.75 0.73 0.00	12.33 0.58 0.00	12.41 0.60 0.00	13.76 0.71 0.00	17.53 1.09 0.00	19.56 1.82 0.00	19.03 1.49 0.00	17.68 1.36 0.00	21.27 1.85 0.00	22.33 1.88 0.00	21.87 1.67 0.00	20.92 1.61 0.00	21.77 1.78 0.00	30.26 2.41 0.00	27.92 2.19 0.00	33.36 2.31 0.00	34.82 2.50 0.00	37.36 2.95 0.00	32.41 2.27 0.00	32.57 1.94 0.00	27.35 1.51 0.00	28.34 1.38 0.00
V_F_30_NSYNC__DSASP 323816	19.22 0.87 0.00	18.50 0.88 0.00	14.69 0.67 0.00	12.32 0.56 0.00	12.40 0.59 0.00	13.71 0.66 0.00	17.36 0.92 0.00	18.68 0.94 0.00	18.38 0.84 0.00	17.02 0.69 0.00	20.23 0.81 0.00	21.81 0.89 -0.47	21.16 0.89 -0.07	20.59 0.93 -0.36	21.60 0.99 -0.61	29.34 1.46 -0.03	27.18 1.45 0.00	32.99 1.94 0.00	34.38 2.06 0.00	36.55 2.15 0.00	32.11 1.98 0.00	32.43 1.80 0.00	27.34 1.51 0.00	28.33 1.36 0.00
V_F_30_SYNC_DSASP 323786	18.82 0.48 0.00	18.23 0.60 0.00	14.51 0.49 0.00	12.16 0.41 0.00	12.22 0.41 0.00	13.49 0.44 0.00	17.05 0.61 0.00	18.31 0.57 0.00	18.05 0.51 0.00	16.74 0.42 0.00	19.93 0.52 0.00	21.50 0.55 -0.50	20.86 0.59 -0.07	20.31 0.63 -0.37	21.29 0.66 -0.64	28.74 0.87 -0.03	26.60 0.87 0.00	32.23 1.17 0.00	33.52 1.19 0.00	35.68 1.28 0.00	31.27 1.14 0.00	31.60 0.97 0.00	26.59 0.75 0.00	27.56 0.60 0.00

V_XM10_SYNC_DSASP 323789	18.48 0.14 0.00	17.57 -0.06 0.00	13.97 -0.05 0.00	11.77 0.01 0.00	11.87 0.06 0.00	13.09 0.05 0.00	16.56 0.12 0.00	17.80 0.06 0.00	17.45 -0.10 0.00	16.18 -0.14 0.00	19.19 -0.23 0.00	20.02 -0.43 0.00	19.75 -0.39 0.06	15.53 -0.72 3.06	-21.52 -0.90 40.61	-11.51 -1.50 37.86	-23.31 -0.95 48.09	-25.89 -0.50 56.44	-0.69 0.36 33.38	34.84 0.44 0.00	12.99 0.22 17.36	-6.37 -0.92 36.08	-20.53 -1.52 44.84	-21.39 -1.66 46.69
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.29 0.94 0.00	18.55 0.92 0.00	14.72 0.71 0.00	12.35 0.59 0.00	12.43 0.62 0.00	13.74 0.70 0.00	17.41 0.97 0.00	18.85 1.10 0.00	18.70 1.15 0.00	17.42 1.10 0.00	20.80 1.39 0.00	17.48 1.48 4.45	21.09 1.51 0.63	17.44 1.50 3.37	15.77 1.56 5.78	29.84 2.23 0.24	27.94 2.22 0.00	33.78 2.72 0.00	34.92 2.60 0.00	36.92 2.52 0.00	32.28 2.15 0.00	32.63 2.00 0.00	27.48 1.65 0.00	28.45 1.49 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.46 1.12 0.00	18.71 1.09 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.54 0.73 0.00	13.85 0.81 0.00	17.58 1.14 0.00	19.03 1.28 0.00	18.89 1.35 0.00	17.65 1.32 -0.01	21.09 1.67 0.00	25.21 1.78 -2.98	22.44 1.82 -0.42	23.36 1.80 -2.25	25.73 1.87 -3.87	30.61 2.61 -0.16	28.28 2.56 0.00	34.12 3.06 0.00	35.25 2.92 0.00	37.23 2.83 0.00	32.58 2.45 0.00	32.99 2.36 0.00	27.82 1.99 0.00	28.77 1.81 0.00
W50THST__13_KV_LOAD 356117	19.55 1.20 0.00	18.79 1.16 0.00	14.92 0.90 0.00	12.51 0.76 0.00	12.60 0.78 0.00	13.92 0.87 0.00	17.67 1.23 0.00	19.14 1.40 0.00	19.02 1.48 0.00	17.77 1.44 -0.01	21.23 1.82 0.00	25.37 1.94 -2.98	22.60 1.98 -0.42	23.51 1.95 -2.25	25.89 2.03 -3.87	30.84 2.83 -0.16	28.48 2.75 0.00	34.35 3.30 0.00	35.46 3.14 0.00	37.43 3.03 0.00	32.76 2.62 0.00	33.16 2.53 0.00	27.98 2.14 0.00	28.93 1.97 0.00
WADING RIVER_IC_1 23522	19.52 1.17 0.00	18.76 1.13 0.00	15.12 1.11 0.00	12.73 0.97 0.00	12.84 1.03 0.00	14.06 1.01 0.00	17.90 1.46 0.00	19.24 1.49 0.00	19.15 1.61 0.00	17.84 1.54 0.03	22.54 1.84 -1.28	31.63 1.93 -9.25	31.43 1.98 -9.25	43.69 1.90 -22.48	31.25 1.96 -9.30	65.09 2.75 -34.50	28.27 2.54 0.00	34.18 3.13 0.00	35.42 3.09 0.00	37.62 3.22 0.00	37.10 2.84 -4.13	90.30 2.77 -56.90	48.64 2.43 -20.37	30.36 2.27 -1.14
WADING RIVER_IC_2 23547	19.52 1.17 0.00	18.76 1.13 0.00	15.12 1.11 0.00	12.73 0.97 0.00	12.84 1.03 0.00	14.06 1.01 0.00	17.90 1.46 0.00	19.24 1.49 0.00	19.15 1.61 0.00	17.84 1.54 0.03	22.54 1.84 -1.28	31.63 1.93 -9.25	31.43 1.98 -9.25	43.69 1.90 -22.48	31.25 1.96 -9.30	65.09 2.75 -34.50	28.27 2.54 0.00	34.18 3.13 0.00	35.42 3.09 0.00	37.62 3.22 0.00	37.10 2.84 -4.13	90.30 2.77 -56.90	48.64 2.43 -20.37	30.36 2.27 -1.14
WADING RIVER_IC_3 23601	19.52 1.17 0.00	18.76 1.13 0.00	15.12 1.11 0.00	12.73 0.97 0.00	12.84 1.03 0.00	14.06 1.01 0.00	17.90 1.46 0.00	19.24 1.49 0.00	19.15 1.61 0.00	17.84 1.54 0.03	22.54 1.84 -1.28	31.63 1.93 -9.25	31.43 1.98 -9.25	43.69 1.90 -22.48	31.25 1.96 -9.30	65.09 2.75 -34.50	28.27 2.54 0.00	34.18 3.13 0.00	35.42 3.09 0.00	37.62 3.22 0.00	37.10 2.84 -4.13	90.30 2.77 -56.90	48.64 2.43 -20.37	30.36 2.27 -1.14
WALDENNY_12_KV_BK2 80841	18.27 -0.08 0.00	17.38 -0.25 0.00	13.61 -0.41 0.00	11.32 -0.44 0.00	11.40 -0.41 0.00	12.68 -0.36 0.00	15.84 -0.60 0.00	17.19 -0.55 0.00	16.96 -0.58 0.00	15.90 -0.42 0.00	19.10 -0.32 0.00	20.13 -0.33 0.00	19.84 -0.36 0.00	19.16 -0.14 0.00	19.96 -0.03 0.00	27.96 0.11 0.00	25.76 0.03 0.00	31.01 -0.05 -0.01	32.41 0.09 0.00	34.75 0.35 0.00	30.14 0.01 0.00	30.46 -0.17 0.00	25.96 0.12 0.00	27.34 0.37 0.00
WALDEN__HYDRO 24148	19.32 0.98 0.00	18.57 0.94 0.00	14.73 0.72 0.00	12.36 0.60 0.00	12.44 0.63 0.00	13.75 0.71 0.00	17.44 1.00 0.00	18.86 1.12 0.00	18.67 1.13 0.00	17.38 1.06 0.00	20.72 1.30 0.00	21.30 1.38 0.53	21.53 1.41 0.07	20.32 1.42 0.40	20.80 1.50 0.69	30.01 2.18 0.03	27.94 2.22 0.00	33.81 2.75 0.00	35.10 2.77 0.00	37.17 2.77 0.00	32.51 2.38 0.00	32.86 2.23 0.00	27.65 1.82 0.00	28.60 1.64 0.00
WARRENSBURG____ 23737	19.15 0.80 0.00	18.43 0.80 0.00	14.62 0.60 0.00	12.25 0.49 0.00	12.34 0.53 0.00	13.65 0.61 0.00	17.32 0.88 0.00	18.64 0.90 0.00	18.34 0.80 0.00	16.98 0.66 0.00	20.17 0.76 0.00	21.76 0.85 -0.47	21.10 0.83 -0.06	20.54 0.89 -0.35	21.55 0.96 -0.61	29.37 1.49 -0.03	27.12 1.40 0.00	33.00 1.95 0.00	34.34 2.01 0.00	36.35 1.95 0.00	32.10 1.97 0.00	32.42 1.79 0.00	27.44 1.61 0.00	28.40 1.44 0.00
WATERSIDE____6 8 9 23538	19.44 1.09 0.00	18.70 1.07 0.00	14.85 0.84 0.00	12.46 0.70 0.00	12.53 0.72 0.00	13.85 0.80 0.00	17.56 1.12 0.00	18.99 1.25 0.00	18.87 1.33 0.00	17.62 1.29 -0.01	21.05 1.63 0.00	25.16 1.74 -2.98	22.41 1.79 -0.42	23.31 1.75 -2.25	25.67 1.81 -3.87	30.51 2.50 -0.16	28.17 2.45 0.00	33.96 2.90 0.00	35.09 2.77 0.00	37.07 2.67 0.00	32.46 2.33 0.00	32.90 2.27 0.00	27.78 1.95 0.00	28.71 1.74 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.54 0.19 0.00	17.85 0.22 0.00	14.17 0.15 0.00	11.88 0.12 0.00	11.94 0.13 0.00	13.19 0.14 0.00	16.66 0.22 0.00	17.94 0.19 0.00	17.67 0.13 0.00	16.38 0.06 0.00	19.54 0.12 0.00	20.57 0.12 0.00	20.29 0.11 0.02	19.15 0.16 0.31	17.07 0.21 3.12	24.12 0.27 4.00	26.46 0.38 -0.35	32.87 0.58 -1.24	34.54 0.55 -1.67	35.01 0.60 0.00	31.59 0.59 -0.87	32.90 0.46 -1.81	28.20 0.33 -2.03	28.54 0.19 -1.38
WATSON__69_KV_BK 1 55734	19.94 1.60 0.00	19.13 1.50 0.00	15.27 1.26 0.00	12.86 1.10 0.00	12.94 1.13 0.00	14.22 1.18 0.00	18.09 1.66 0.00	19.52 1.78 0.00	19.36 1.82 0.00	17.99 1.70 0.03	22.90 2.21 -1.28	32.04 2.34 -9.25	31.82 2.37 -9.25	44.09 2.30 -22.48	31.67 2.38 -9.30	65.74 3.39 -34.50	28.92 3.19 0.00	34.96 3.91 0.00	36.19 3.86 0.00	38.36 3.96 0.00	37.77 3.51 -4.13	91.01 3.49 -56.90	49.24 3.04 -20.37	30.97 2.87 -1.14
WDELAWARE__HYD 323627	18.85 0.50 0.00	18.10 0.48 0.00	14.36 0.35 0.00	12.05 0.30 0.00	12.13 0.32 0.00	13.41 0.36 0.00	17.00 0.56 0.00	18.40 0.66 0.00	18.23 0.69 0.00	16.94 0.62 0.00	20.19 0.78 0.00	20.81 0.81 0.45	20.90 0.76 0.06	19.31 0.34 0.34	19.82 0.41 0.58	28.47 0.64 0.02	26.52 0.79 0.00	32.07 1.01 0.00	33.31 0.99 0.00	35.32 0.92 0.00	31.01 0.88 0.00	32.10 1.47 0.00	27.00 1.16 0.00	27.93 0.96 0.00
WEST BABYLON__IC 23714	19.91 1.56 0.00	19.10 1.47 0.00	15.23 1.22 0.00	12.82 1.06 0.00	12.91 1.09 0.00	14.19 1.14 0.00	18.04 1.60 0.00	19.47 1.72 0.00	19.29 1.75 0.00	17.93 1.64 0.03	22.84 2.14 -1.28	31.96 2.26 -9.25	31.73 2.28 -9.25	44.01 2.22 -22.48	31.59 2.30 -9.30	65.61 3.27 -34.50	28.85 3.12 0.00	34.86 3.81 0.00	36.07 3.74 0.00	38.22 3.82 0.00	37.62 3.36 -4.13	90.90 3.37 -56.90	49.13 2.93 -20.37	30.86 2.76 -1.14

WEST CANADA___HYD 24049	18.46 0.11 0.00	17.75 0.12 0.00	14.10 0.08 0.00	11.82 0.06 0.00	11.88 0.07 0.00	13.13 0.08 0.00	16.56 0.12 0.00	17.85 0.11 0.00	17.64 0.10 0.00	16.40 0.08 0.00	19.52 0.11 0.00	20.55 0.10 0.00	20.29 0.10 0.02	19.13 0.14 0.31	17.02 0.16 3.12	24.07 0.22 4.00	26.32 0.23 -0.35	32.61 0.31 -1.24	34.29 0.29 -1.67	34.71 0.31 0.00	31.26 0.27 -0.87	32.64 0.21 -1.81	28.02 0.15 -2.03	28.45 0.11 -1.38
WESTERN_NY_WIND 24143	18.47 0.13 0.00	17.58 -0.04 0.00	13.80 -0.22 0.00	11.50 -0.26 0.00	11.58 -0.23 0.00	12.89 -0.15 0.00	16.13 -0.31 0.00	17.46 -0.28 0.00	17.18 -0.36 0.00	16.06 -0.27 0.00	19.15 -0.27 0.00	20.20 -0.25 0.00	19.93 -0.27 0.00	19.36 0.05 0.00	20.13 0.14 0.00	28.27 0.42 0.00	26.03 0.30 0.00	31.38 0.32 -0.01	33.01 0.69 0.00	35.57 1.16 0.00	30.94 0.81 0.00	31.30 0.67 0.00	26.64 0.80 0.00	27.99 1.03 0.00
WESTOVER___LESR 323668	18.59 0.24 0.00	17.82 0.20 0.00	14.10 0.09 0.00	11.81 0.05 0.00	11.90 0.08 0.00	13.15 0.10 0.00	16.60 0.16 0.00	17.90 0.15 0.00	17.65 0.11 0.00	16.44 0.12 0.00	19.64 0.23 0.00	20.69 0.23 0.00	20.38 0.18 0.00	19.55 0.24 0.00	20.38 0.39 0.00	28.41 0.56 0.00	26.26 0.53 0.00	31.94 0.89 0.00	33.18 0.85 0.00	35.27 0.86 0.00	30.78 0.65 0.00	31.14 0.51 0.00	26.26 0.43 0.00	27.34 0.38 0.00
WETHRSFD_WT_PWR 323626	18.16 -0.18 0.00	17.23 -0.39 0.00	13.47 -0.54 0.00	11.15 -0.61 0.00	11.21 -0.60 0.00	12.43 -0.62 0.00	15.58 -0.86 0.00	16.95 -0.80 0.00	16.80 -0.74 0.00	15.75 -0.57 0.00	18.90 -0.51 0.00	19.92 -0.53 0.00	19.55 -0.66 0.00	18.81 -0.50 0.00	19.64 -0.35 0.00	27.43 -0.42 0.00	25.31 -0.42 0.00	30.52 -0.54 0.00	31.77 -0.56 0.00	34.06 -0.34 0.00	29.57 -0.56 0.00	29.74 -0.89 0.00	25.21 -0.62 0.00	26.45 -0.51 0.00
WHAVSTOR_138KV_BK127 55557	19.21 0.87 0.00	18.48 0.86 0.00	14.67 0.66 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.69 0.65 0.00	17.35 0.91 0.00	18.77 1.03 0.00	18.62 1.08 0.00	17.35 1.03 0.00	20.71 1.30 0.00	17.32 1.38 4.51	20.98 1.41 0.64	17.30 1.40 3.41	15.58 1.45 5.86	29.67 2.06 0.24	27.78 2.05 0.00	33.58 2.53 0.00	34.72 2.39 0.00	36.71 2.31 0.00	32.11 1.98 0.00	32.47 1.84 0.00	27.36 1.52 0.00	28.33 1.36 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.21 0.87 0.00	18.48 0.86 0.00	14.67 0.66 0.00	12.31 0.55 0.00	12.39 0.58 0.00	13.69 0.65 0.00	17.35 0.91 0.00	18.77 1.03 0.00	18.62 1.08 0.00	17.35 1.03 0.00	20.71 1.30 4.51	17.32 1.38 4.51	20.98 1.41 0.64	17.30 1.40 3.41	15.58 1.45 5.86	29.67 2.06 0.24	27.78 2.05 0.00	33.58 2.53 0.00	34.72 2.39 0.00	36.71 2.31 0.00	32.11 1.98 0.00	32.47 1.84 0.00	27.36 1.52 0.00	28.33 1.36 0.00
WHITEHAL_115KV_TB1 80871	19.63 1.29 0.00	18.88 1.26 0.00	14.97 0.95 0.00	12.54 0.79 0.00	12.64 0.83 0.00	14.01 0.96 0.00	17.78 1.34 0.00	19.09 1.35 0.00	18.76 1.22 0.00	17.36 1.04 0.00	20.62 1.21 0.00	22.25 1.33 -0.47	21.57 1.30 -0.07	21.01 1.35 -0.36	22.04 1.44 -0.61	30.09 2.22 -0.03	27.86 2.13 0.00	34.00 2.95 0.00	35.39 3.07 0.00	37.60 3.20 0.00	33.16 3.03 0.00	33.52 2.89 0.00	28.28 2.45 0.00	29.23 2.26 0.00
WHITEPLN_13_KV_LOAD 356215	19.51 1.17 0.00	18.76 1.13 0.00	14.89 0.87 0.00	12.49 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.62 1.18 0.00	19.09 1.34 0.00	18.95 1.41 0.00	17.66 1.34 0.00	21.11 1.69 0.00	25.45 1.81 -3.19	22.51 1.85 -0.45	23.56 1.84 -2.41	26.07 1.94 -4.14	30.76 2.73 -0.17	28.41 2.68 0.00	34.31 3.26 0.00	35.48 3.16 0.00	37.49 3.09 0.00	32.78 2.65 0.00	33.14 2.51 0.00	27.92 2.09 0.00	28.87 1.90 0.00
WM_FLOYD_69_KV_BK2 356380	19.72 1.38 0.00	18.94 1.32 0.00	15.21 1.20 0.00	12.81 1.05 0.00	12.91 1.10 0.00	14.16 1.12 0.00	18.03 1.59 0.00	19.40 1.66 0.00	19.29 1.75 0.00	17.91 1.62 0.03	22.70 2.01 -1.28	31.81 2.11 -9.25	31.59 2.14 -9.25	43.85 2.07 -22.48	31.45 2.15 -9.30	65.38 3.03 -34.50	28.55 2.82 0.00	34.53 3.48 0.00	35.78 3.46 0.00	37.99 3.58 0.00	37.41 3.15 -4.13	90.63 3.11 -56.90	48.92 2.72 -20.37	30.67 2.58 -1.14
WOODARD__115KV_TB2 355635	18.26 -0.08 0.00	17.52 -0.10 0.00	13.88 -0.13 0.00	11.63 -0.13 0.00	11.69 -0.12 0.00	12.92 -0.12 0.00	16.26 -0.18 0.00	17.52 -0.22 0.00	17.32 -0.22 0.00	16.14 -0.18 0.00	19.22 -0.19 0.00	20.24 -0.21 0.00	19.99 -0.20 0.02	18.71 -0.11 0.48	14.55 -0.08 5.36	21.66 -0.06 6.12	23.56 -0.03 2.13	29.42 0.01 1.64	32.35 0.02 0.00	34.45 0.05 0.00	30.12 -0.01 0.00	30.53 -0.10 0.00	25.74 -0.10 0.00	26.83 -0.13 0.00
YORK___WARBASSE 23770	19.51 1.16 0.00	18.76 1.14 0.00	14.88 0.87 0.00	12.48 0.73 0.00	12.56 0.75 0.00	13.89 0.84 0.00	17.60 1.16 0.00	19.04 1.30 0.00	18.92 1.38 0.00	17.65 1.32 -0.01	21.07 1.65 0.00	25.18 1.75 -2.98	22.43 1.81 -0.42	23.35 1.79 -2.25	25.75 1.88 -3.87	30.64 2.63 -0.16	28.30 2.58 0.00	34.09 3.04 0.00	35.22 2.89 0.00	37.20 2.79 0.00	32.63 2.50 0.00	33.08 2.45 0.00	27.90 2.07 0.00	28.81 1.84 0.00