

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

09/08/2024

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	19.59	20.07	18.00	17.59	17.14	14.95	12.85	19.47	16.00	19.39	14.65	17.10	20.14	17.18	17.99	14.86	20.81	26.24	32.76	29.41	32.22	26.85	19.52	16.52
24138	0.81	0.80	0.72	0.71	0.67	0.58	0.51	0.75	0.67	0.85	0.77	0.89	1.06	0.95	1.06	0.91	1.29	1.53	1.84	1.61	1.73	1.48	1.04	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.67	20.16	18.08	17.67	17.23	15.02	12.89	19.54	16.06	19.47	14.69	17.15	20.20	17.23	18.04	14.89	20.85	26.32	32.85	29.51	32.31	26.93	19.58	16.56
24260	0.88	0.89	0.79	0.80	0.75	0.65	0.55	0.82	0.73	0.93	0.81	0.94	1.13	1.00	1.11	0.95	1.33	1.61	1.94	1.70	1.83	1.56	1.10	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.67	20.16	18.08	17.67	17.23	15.02	12.89	19.54	16.06	19.47	14.69	17.15	20.20	17.23	18.04	14.89	20.85	26.32	32.85	29.51	32.31	26.93	19.58	16.56
24261	0.88	0.89	0.79	0.80	0.75	0.65	0.55	0.82	0.73	0.93	0.81	0.94	1.13	1.00	1.11	0.95	1.33	1.61	1.94	1.70	1.83	1.56	1.10	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	20.15	20.59	18.48	18.04	17.60	15.32	13.19	20.03	16.37	19.71	14.67	17.15	20.10	17.10	17.60	14.73	20.79	26.40	33.15	29.74	32.83	27.19	19.77	16.74
24011	1.36	1.33	1.19	1.16	1.12	0.96	0.85	1.31	1.04	1.17	0.79	0.95	1.03	0.87	0.95	0.78	1.26	1.69	2.24	1.93	2.35	1.82	1.29	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	20.29	20.71	18.56	18.12	17.67	15.39	13.26	20.14	16.47	19.80	14.72	17.22	20.17	17.17	17.66	14.78	20.90	26.57	33.35	29.91	33.03	27.35	19.84	16.81
23798	1.51	1.45	1.28	1.25	1.20	1.02	0.92	1.42	1.14	1.25	0.84	1.01	1.10	0.94	1.02	0.83	1.37	1.86	2.44	2.10	2.54	1.97	1.36	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	20.15	20.59	18.48	18.04	17.60	15.32	13.19	20.03	16.37	19.71	14.67	17.15	20.10	17.10	17.60	14.73	20.79	26.40	33.15	29.74	32.83	27.19	19.77	16.74
24028	1.36	1.33	1.19	1.16	1.12	0.96	0.85	1.31	1.04	1.17	0.79	0.95	1.03	0.87	0.95	0.78	1.26	1.69	2.24	1.93	2.35	1.82	1.29	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	19.79	20.28	18.23	17.79	17.36	15.09	12.97	19.66	16.13	19.47	14.62	17.04	20.06	17.07	17.59	14.77	20.59	25.95	32.30	29.17	32.03	26.76	19.47	16.49
23527	1.00	1.01	0.94	0.92	0.88	0.72	0.63	0.94	0.80	0.93	0.73	0.83	0.99	0.84	0.94	0.82	1.06	1.24	1.39	1.36	1.55	1.39	0.99	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	18.98	19.56	17.69	17.28	16.86	14.67	12.60	19.10	15.65	18.85	14.09	16.43	19.35	16.47	16.95	14.23	19.91	25.08	31.31	28.20	30.90	25.78	18.81	15.97
24190	0.19	0.29	0.40	0.41	0.38	0.30	0.26	0.38	0.32	0.31	0.21	0.22	0.28	0.24	0.31	0.28	0.39	0.37	0.39	0.39	0.42	0.40	0.33	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	18.78	19.26	17.24	16.82	16.43	14.36	12.32	18.68	15.32	18.57	-3.50	-20.55	-12.25	-20.67	-20.59	-21.38	-19.51	14.32	31.05	27.91	30.57	25.43	18.50	15.66
355683	-0.01	0.00	-0.04	-0.05	-0.04	-0.01	-0.02	-0.04	-0.01	0.03	-0.03	-0.02	-0.02	-0.06	-0.07	-0.05	-0.07	0.00	0.13	0.10	0.09	0.06	0.02	0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.35	36.73	31.31	36.84	37.17	35.28	38.97	10.40	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	19.35	19.90	17.94	17.53	17.10	14.89	12.79	19.38	15.76	18.89	14.16	16.56	19.42	16.52	17.03	14.34	20.06	25.46	31.84	28.74	31.50	26.23	19.12	16.21
323833	0.57	0.63	0.65	0.65	0.63	0.52	0.45	0.65	0.43	0.35	0.28	0.35	0.35	0.29	0.38	0.40	0.53	0.75	0.93	0.93	1.02	0.86	0.64	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	19.35	19.89	17.93	17.53	17.09	14.89	12.79	19.37	15.76	18.88	14.16	16.56	19.42	16.52	17.03	14.34	20.06	25.46	31.84	28.73	31.50	26.22	19.11	16.20
323834	0.56	0.63	0.65	0.65	0.62	0.52	0.45	0.65	0.43	0.35	0.28	0.35	0.35	0.29	0.38	0.39	0.53	0.75	0.93	0.92	1.01	0.85	0.63	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	18.98	19.56	17.69	17.28	16.86	14.67	12.60	19.10	15.65	18.85	14.09	16.43	19.35	16.47	16.95	14.23	19.91	25.08	31.31	28.20	30.90	25.78	18.81	15.97
23571	0.19	0.29	0.40	0.41	0.38	0.30	0.26	0.38	0.32	0.31	0.21	0.22	0.28	0.24	0.31	0.28	0.39	0.37	0.39	0.39	0.42	0.40	0.33	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	18.98 0.19 0.00	19.56 0.29 0.00	17.69 0.40 0.00	17.28 0.41 0.00	16.86 0.38 0.00	14.67 0.30 0.00	12.60 0.26 0.00	19.10 0.38 0.00	15.65 0.32 0.00	18.85 0.31 0.00	14.09 0.21 0.00	16.43 0.22 0.00	19.35 0.28 0.00	16.47 0.24 0.00	16.95 0.31 0.00	14.23 0.28 0.00	19.91 0.39 0.00	25.08 0.37 0.00	31.31 0.39 0.00	28.20 0.39 0.00	30.90 0.42 0.00	25.78 0.40 0.00	18.81 0.33 0.00	15.97 0.32 0.00
ALBANY___3 23573	18.98 0.19 0.00	19.56 0.29 0.00	17.69 0.40 0.00	17.28 0.41 0.00	16.86 0.38 0.00	14.67 0.30 0.00	12.60 0.26 0.00	19.10 0.38 0.00	15.65 0.32 0.00	18.85 0.31 0.00	14.09 0.21 0.00	16.43 0.22 0.00	19.35 0.28 0.00	16.47 0.24 0.00	16.95 0.31 0.00	14.23 0.28 0.00	19.91 0.39 0.00	25.08 0.37 0.00	31.31 0.39 0.00	28.20 0.39 0.00	30.90 0.42 0.00	25.78 0.40 0.00	18.81 0.33 0.00	15.97 0.32 0.00
ALBANY___4 23574	18.98 0.19 0.00	19.56 0.29 0.00	17.69 0.40 0.00	17.28 0.41 0.00	16.86 0.38 0.00	14.67 0.30 0.00	12.60 0.26 0.00	19.10 0.38 0.00	15.65 0.32 0.00	18.85 0.31 0.00	14.09 0.21 0.00	16.43 0.22 0.00	19.35 0.28 0.00	16.47 0.24 0.00	16.95 0.31 0.00	14.23 0.28 0.00	19.91 0.39 0.00	25.08 0.37 0.00	31.31 0.39 0.00	28.20 0.39 0.00	30.90 0.42 0.00	25.78 0.40 0.00	18.81 0.33 0.00	15.97 0.32 0.00
ALBANY___LFGE 323615	19.17 0.38 0.00	19.73 0.46 0.00	17.82 0.53 0.00	17.41 0.53 0.00	16.98 0.50 0.00	14.78 0.41 0.00	12.69 0.35 0.00	19.25 0.52 0.00	15.77 0.44 0.00	18.99 0.45 0.00	14.21 0.33 0.00	16.59 0.38 0.00	19.53 0.45 0.00	16.62 0.38 0.00	17.11 0.46 0.00	14.36 0.41 0.00	20.12 0.59 0.00	25.35 0.64 0.00	31.64 0.73 0.00	28.50 0.69 0.00	31.23 0.75 0.00	26.04 0.67 0.00	18.99 0.51 0.00	16.10 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	18.80 0.01 0.00	19.28 0.02 0.00	17.26 -0.03 0.00	16.84 -0.04 0.00	16.44 -0.03 0.00	14.37 0.00 0.00	12.32 -0.02 0.00	18.70 -0.03 0.00	15.32 0.00 0.00	18.58 0.04 0.00	-3.02 -0.03 16.87	-19.52 -0.03 35.70	-11.38 -0.03 30.43	-19.65 -0.07 35.81	-19.55 -0.08 36.12	-20.39 -0.05 34.29	-18.41 -0.06 37.88	14.62 0.02 10.11	31.09 0.17 0.00	27.95 0.14 0.00	30.63 0.15 0.00	25.46 0.08 0.00	18.51 0.03 0.00	15.67 0.02 0.00
ALCOA_RYNLDS___DRP 24188	18.80 0.01 0.00	19.28 0.02 0.00	17.26 -0.03 0.00	16.84 -0.04 0.00	16.44 -0.03 0.00	14.37 0.00 0.00	12.32 -0.02 0.00	18.70 -0.03 0.00	15.32 0.00 0.00	18.58 0.04 0.00	-3.02 -0.03 16.87	-19.52 -0.03 35.70	-11.38 -0.03 30.43	-19.65 -0.07 35.81	-19.55 -0.08 36.12	-20.39 -0.05 34.29	-18.41 -0.06 37.88	14.62 0.02 10.11	31.09 0.17 0.00	27.95 0.14 0.00	30.63 0.15 0.00	25.46 0.08 0.00	18.51 0.03 0.00	15.67 0.02 0.00
ALCOA___DSASP 323711	18.80 0.01 0.00	19.28 0.02 0.00	17.26 -0.03 0.00	16.84 -0.04 0.00	16.44 -0.03 0.00	14.37 0.00 0.00	12.32 -0.02 0.00	18.70 -0.03 0.00	15.32 0.00 0.00	18.58 0.04 0.00	-3.02 -0.03 16.87	-19.53 -0.04 35.70	-11.38 -0.03 30.43	-19.65 -0.07 35.81	-19.55 -0.08 36.12	-20.38 -0.04 34.29	-18.42 -0.06 37.88	14.62 0.02 10.11	31.09 0.18 0.00	27.95 0.15 0.00	30.63 0.14 0.00	25.45 0.08 0.00	18.51 0.03 0.00	15.67 0.02 0.00
ALLEGHENY___COGEN 23514	16.80 -0.68 1.30	18.59 -0.67 0.00	15.32 -0.69 1.28	15.12 -0.62 1.14	15.94 -0.54 0.00	13.92 -0.45 0.00	11.97 -0.37 0.00	18.13 -0.59 0.00	14.61 -0.72 0.00	17.46 -1.09 0.00	13.04 -0.84 0.00	15.22 -0.99 0.00	17.16 -1.20 0.72	11.68 -1.00 3.55	12.05 -1.13 3.47	12.43 -0.91 0.61	17.39 -1.32 0.81	23.18 -1.54 0.00	29.15 -1.76 0.00	22.48 -0.90 4.43	29.62 -0.79 0.07	24.51 -0.86 0.00	16.72 -0.71 1.06	12.95 -0.75 1.95
ALTAMONT_115KV_TB 2 55880	19.18 0.40 0.00	19.70 0.44 0.00	17.74 0.45 0.00	17.32 0.45 0.00	16.90 0.42 0.00	14.72 0.35 0.00	12.64 0.30 0.00	19.17 0.45 0.00	15.69 0.37 0.00	18.93 0.39 0.00	14.18 0.30 0.00	16.55 0.34 0.00	19.48 0.41 0.00	16.60 0.36 0.00	17.07 0.42 0.00	14.32 0.37 0.00	20.05 0.52 0.00	25.34 0.63 0.00	31.65 0.74 0.00	28.50 0.69 0.00	31.24 0.76 0.00	26.03 0.66 0.00	18.96 0.48 0.00	16.07 0.42 0.00
ALTONA_WT_PWR 323606	18.39 -0.39 0.00	18.70 -0.57 0.00	16.61 -0.68 0.00	16.19 -0.68 0.00	-21.11 -0.75 36.84	10.70 -0.52 3.16	3.58 -0.41 8.35	-21.11 -0.81 39.03	6.69 -0.51 8.14	-1.62 -0.60 19.55	-9.54 -0.52 22.90	-20.80 -0.60 36.41	-12.09 -0.49 30.68	-20.51 -0.45 36.28	-20.89 -0.62 36.92	-21.11 -0.41 34.65	-20.75 -0.72 39.57	6.20 -0.82 17.69	30.46 -0.45 0.00	27.64 -0.17 0.00	5.76 -0.62 24.10	-21.07 -0.82 45.62	-11.82 -0.70 29.60	-14.65 -0.56 29.74
AMERICAN_REF_FUEL 24010	15.95 -1.98 0.86	17.22 -2.04 0.00	14.56 -1.88 0.84	14.25 -1.87 0.75	14.65 -1.83 0.00	12.78 -1.59 0.00	10.97 -1.37 0.00	16.67 -2.05 0.00	13.51 -1.82 0.00	16.54 -2.00 0.00	12.48 -1.40 0.00	14.55 -1.66 0.00	16.59 -2.01 0.47	12.31 -1.59 2.33	12.57 -1.80 2.28	12.08 -1.47 0.40	16.72 -2.27 0.54	21.85 -2.86 0.00	27.16 -3.76 0.00	21.52 -3.27 3.02	26.68 -3.76 0.05	22.07 -3.30 0.00	15.40 -2.36 0.72	12.21 -2.11 1.33
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.11 -1.60 1.07	17.77 -1.50 0.00	14.79 -1.45 1.05	14.49 -1.45 0.94	15.14 -1.34 0.00	13.15 -1.22 0.00	11.29 -1.05 0.00	17.10 -1.63 0.00	14.01 -1.32 0.00	16.98 -1.56 0.00	12.70 -1.18 0.00	14.83 -1.37 0.00	16.74 -1.75 0.59	11.82 -1.49 2.92	12.02 -1.78 2.85	12.03 -1.42 0.50	16.82 -2.03 0.67	22.46 -2.25 0.00	28.08 -2.83 0.00	21.58 -2.38 3.85	27.96 -2.46 0.06	23.00 -2.38 0.00	15.69 -1.86 0.93	12.24 -1.71 1.70
ARTHUR KILL_GT_1 23520	19.58 0.79 0.00	20.08 0.81 0.00	18.02 0.73 -0.01	17.60 0.73 0.00	17.16 0.69 0.00	14.96 0.59 0.00	12.85 0.50 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.38 0.84 0.00	14.60 0.72 0.00	17.03 0.82 0.00	20.07 0.99 0.00	17.14 0.91 0.00	17.92 0.99 -0.28	14.79 0.84 0.00	20.73 1.19 -0.01	37.54 1.36 -11.48	39.06 1.61 -6.54	38.28 1.41 -9.07	38.39 1.53 -6.38	39.58 1.32 -12.89	26.33 0.97 -6.88	16.47 0.82 -0.01
ARTHUR_KILL_2 23512	19.53 0.74 0.00	20.03 0.76 0.00	17.98 0.69 -0.01	17.56 0.68 0.00	17.12 0.64 0.00	14.92 0.55 0.00	12.82 0.47 0.00	19.42 0.69 0.00	15.97 0.63 -0.01	19.34 0.80 0.00	14.57 0.69 0.00	17.00 0.79 0.00	20.03 0.96 0.00	17.09 0.87 0.00	17.88 0.95 -0.28	14.76 0.81 0.00	20.68 1.15 -0.01	37.47 1.28 -11.48	38.98 1.52 -6.54	38.20 1.32 -9.07	38.30 1.44 -6.38	39.51 1.25 -12.89	26.28 0.92 -6.88	16.43 0.78 -0.01
ARTHUR_KILL_3 23513	19.48 0.69 0.00	19.95 0.69 0.00	17.90 0.61 0.00	17.49 0.62 0.00	17.05 0.57 0.00	14.87 0.49 0.00	12.77 0.42 0.00	19.35 0.63 0.00	15.89 0.56 0.00	19.25 0.71 0.00	14.52 0.64 0.00	16.95 0.74 0.00	19.98 0.90 0.00	17.03 0.80 0.00	17.83 0.90 -0.28	14.73 0.78 0.00	20.66 1.13 -0.01	37.28 1.37 -11.20	37.93 1.64 -5.38	35.59 1.41 -6.38	36.47 1.50 -4.49	35.76 1.33 -9.06	24.24 0.93 -4.83	16.42 0.77 0.00

ARTHUR_KILL_COGEN 323718	19.58 0.79 0.00	20.08 0.81 0.00	18.02 0.73 -0.01	17.60 0.73 0.00	17.16 0.69 0.00	14.96 0.59 0.00	12.85 0.50 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.38 0.84 0.00	14.60 0.72 0.00	17.03 0.82 0.00	20.07 0.99 0.00	17.14 0.91 0.00	17.92 0.99 -0.28	14.79 0.84 0.00	20.73 1.19 -0.01	37.54 1.36 -11.48	39.06 1.61 -6.54	38.28 1.41 -9.07	38.39 1.53 -6.38	39.58 1.32 -12.89	26.33 0.97 -6.88	16.47 0.82 -0.01
ASHOKAN____ 23654	19.53 0.74 0.00	20.04 0.77 0.00	18.04 0.75 0.00	17.60 0.73 0.00	17.16 0.69 0.00	14.95 0.58 0.00	12.85 0.51 0.00	19.52 0.79 0.00	15.95 0.62 0.00	19.17 0.63 0.00	14.33 0.44 0.00	16.72 0.51 0.00	19.68 0.61 0.00	16.72 0.49 0.00	17.24 0.59 0.00	14.50 0.56 0.00	20.39 0.87 0.00	25.92 1.21 0.00	32.49 1.57 0.00	29.32 1.51 0.00	32.13 1.65 0.00	26.71 1.34 0.00	19.38 0.90 0.00	16.38 0.73 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.58 0.78 0.00	20.07 0.80 0.00	18.03 0.73 -0.01	17.64 0.76 0.00	17.18 0.71 0.00	14.99 0.61 0.00	12.86 0.51 0.00	19.45 0.73 0.00	16.00 0.66 -0.01	19.41 0.86 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.04 0.00	17.16 0.93 0.00	17.98 1.04 -0.28	14.80 0.85 0.00	20.69 1.17 0.00	26.16 1.45 0.00	32.60 1.69 0.00	29.30 1.49 0.00	32.11 1.63 0.00	26.78 1.41 0.00	19.46 0.98 -0.01	16.48 0.83 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	19.58 0.78 0.00	20.07 0.80 0.00	18.03 0.73 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.94 0.00	17.98 1.05 -0.28	14.80 0.85 0.00	20.69 1.17 0.00	26.16 1.45 0.00	32.60 1.69 0.00	29.30 1.49 0.00	32.11 1.63 0.00	26.78 1.41 0.00	19.46 0.98 -0.01	16.48 0.83 -0.01
ASTORIA_GT2_1 24094	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA_GT2_2 24095	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA_GT2_3 24096	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA_GT2_4 24097	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA_GT3_1 24098	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA_GT3_2 24099	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA_GT3_3 24100	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA_GT3_4 24101	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA_GT4_1 24102	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA_GT4_2 24103	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA_GT4_3 24104	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01

ASTORIA_GT4_4 24105	19.58 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.93 0.00	17.98 1.05 -0.28	14.81 0.86 0.00	20.70 1.18 0.00	26.17 1.46 0.00	32.63 1.72 0.00	29.31 1.51 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA_GT_1 23523	19.61 0.82 0.00	20.10 0.83 0.00	18.06 0.76 -0.01	17.67 0.79 0.00	17.21 0.74 0.00	15.01 0.63 0.00	12.88 0.53 0.00	19.49 0.77 0.00	16.03 0.70 -0.01	19.44 0.90 0.00	14.65 0.77 0.00	17.11 0.90 0.00	20.16 1.08 0.00	17.19 0.96 0.00	18.01 1.08 -0.28	14.83 0.88 0.00	20.74 1.21 0.00	26.22 1.51 0.00	32.68 1.76 0.00	29.37 1.56 0.00	32.19 1.71 0.00	26.84 1.47 0.00	19.50 1.02 -0.01	16.52 0.86 -0.01
ASTORIA_GT_10 24110	19.60 0.81 0.00	20.09 0.82 0.00	18.03 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.85 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.85 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.12 1.04 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.83 0.88 0.00	20.75 1.23 0.00	26.18 1.47 0.00	32.66 1.75 0.00	29.33 1.52 0.00	32.13 1.65 0.00	26.80 1.42 0.00	19.51 1.02 -0.01	16.51 0.86 -0.01
ASTORIA_GT_11 24225	19.60 0.81 0.00	20.09 0.82 0.00	18.03 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.85 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.85 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.12 1.04 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.83 0.88 0.00	20.75 1.23 0.00	26.18 1.47 0.00	32.66 1.75 0.00	29.33 1.52 0.00	32.13 1.65 0.00	26.80 1.42 0.00	19.51 1.02 -0.01	16.51 0.86 -0.01
ASTORIA_GT_12 24226	19.60 0.81 0.00	20.09 0.82 0.00	18.03 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.85 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.85 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.12 1.04 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.83 0.88 0.00	20.75 1.23 0.00	26.18 1.47 0.00	32.66 1.75 0.00	29.33 1.52 0.00	32.13 1.65 0.00	26.80 1.42 0.00	19.51 1.02 -0.01	16.51 0.86 -0.01
ASTORIA_GT_13 24227	19.60 0.81 0.00	20.09 0.82 0.00	18.03 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.85 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.85 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.12 1.04 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.83 0.88 0.00	20.75 1.23 0.00	26.18 1.47 0.00	32.66 1.75 0.00	29.33 1.52 0.00	32.13 1.65 0.00	26.80 1.42 0.00	19.51 1.02 -0.01	16.51 0.86 -0.01
ASTORIA_GT_5 24106	19.61 0.82 0.00	20.10 0.83 0.00	18.06 0.77 -0.01	17.67 0.79 0.00	17.21 0.74 0.00	15.01 0.63 0.00	12.88 0.53 0.00	19.49 0.77 0.00	16.03 0.70 -0.01	19.44 0.90 0.00	14.65 0.77 0.00	17.10 0.90 0.00	20.15 1.08 0.00	17.19 0.96 0.00	18.01 1.08 -0.28	14.83 0.88 0.00	20.74 1.21 0.00	26.22 1.51 0.00	32.68 1.77 0.00	29.36 1.55 0.00	32.19 1.71 0.00	26.84 1.47 0.00	19.50 1.02 -0.01	16.52 0.87 -0.01
ASTORIA_GT_7 24107	19.61 0.82 0.00	20.10 0.83 0.00	18.06 0.77 -0.01	17.67 0.79 0.00	17.21 0.74 0.00	15.01 0.63 0.00	12.88 0.53 0.00	19.49 0.77 0.00	16.03 0.70 -0.01	19.44 0.90 0.00	14.65 0.77 0.00	17.10 0.90 0.00	20.15 1.08 0.00	17.19 0.96 0.00	18.01 1.08 -0.28	14.83 0.88 0.00	20.74 1.21 0.00	26.22 1.51 0.00	32.68 1.77 0.00	29.36 1.55 0.00	32.19 1.71 0.00	26.84 1.47 0.00	19.50 1.02 -0.01	16.52 0.87 -0.01
ASTORIA_GT_8 24108	19.61 0.82 0.00	20.10 0.83 0.00	18.06 0.77 -0.01	17.67 0.79 0.00	17.21 0.74 0.00	15.01 0.63 0.00	12.88 0.53 0.00	19.49 0.77 0.00	16.03 0.70 -0.01	19.44 0.90 0.00	14.65 0.77 0.00	17.10 0.90 0.00	20.15 1.08 0.00	17.19 0.96 0.00	18.01 1.08 -0.28	14.83 0.88 0.00	20.74 1.21 0.00	26.22 1.51 0.00	32.68 1.77 0.00	29.36 1.55 0.00	32.19 1.71 0.00	26.84 1.47 0.00	19.50 1.02 -0.01	16.52 0.87 -0.01
ASTORIA___2 24149	19.59 0.79 0.00	20.08 0.81 0.00	18.03 0.74 -0.01	17.64 0.77 0.00	17.19 0.71 0.00	14.99 0.62 0.00	12.86 0.52 0.00	19.46 0.74 0.00	16.01 0.67 -0.01	19.41 0.87 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.94 0.00	17.98 1.05 -0.28	14.80 0.86 0.00	20.71 1.18 0.00	26.17 1.46 0.00	32.63 1.71 0.00	29.31 1.50 0.00	32.13 1.65 0.00	26.80 1.43 0.00	19.47 0.98 -0.01	16.49 0.84 -0.01
ASTORIA___3 23516	19.60 0.81 0.00	20.09 0.81 0.00	18.03 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.85 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.85 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.12 1.04 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.83 0.88 0.00	20.76 1.23 0.00	26.18 1.47 0.00	32.67 1.75 0.00	29.33 1.52 0.00	32.13 1.65 0.00	26.79 1.42 0.00	19.51 1.02 -0.01	16.51 0.86 -0.01
ASTORIA___4 23517	19.60 0.81 0.00	20.09 0.82 0.00	18.03 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.85 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.85 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.12 1.04 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.83 0.88 0.00	20.75 1.23 0.00	26.18 1.47 0.00	32.66 1.75 0.00	29.33 1.52 0.00	32.13 1.65 0.00	26.80 1.42 0.00	19.51 1.02 -0.01	16.51 0.86 -0.01
ASTORIA___5 23518	19.60 0.81 0.00	20.09 0.81 0.00	18.03 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.85 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.85 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.12 1.04 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.83 0.88 0.00	20.76 1.23 0.00	26.18 1.47 0.00	32.67 1.75 0.00	29.33 1.52 0.00	32.13 1.65 0.00	26.79 1.42 0.00	19.51 1.02 -0.01	16.51 0.86 -0.01
AST_ENERGY_2_CC3 323677	19.51 0.73 0.00	20.00 0.73 0.00	17.94 0.65 0.00	17.55 0.68 0.00	17.11 0.64 0.00	14.92 0.55 0.00	12.80 0.45 0.00	19.39 0.67 0.00	15.94 0.60 0.00	19.31 0.77 0.00	14.58 0.70 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.97 -0.28	14.78 0.84 0.00	20.70 1.17 0.00	26.09 1.38 0.00	32.56 1.65 0.00	29.25 1.44 0.00	32.03 1.55 0.00	26.71 1.34 0.00	19.42 0.94 0.00	16.44 0.79 0.00
AST_ENERGY_2_CC4 323678	19.51 0.73 0.00	20.00 0.73 0.00	17.94 0.65 0.00	17.55 0.68 0.00	17.11 0.64 0.00	14.92 0.55 0.00	12.80 0.45 0.00	19.39 0.67 0.00	15.94 0.60 0.00	19.31 0.77 0.00	14.58 0.70 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.97 -0.28	14.78 0.84 0.00	20.70 1.17 0.00	26.09 1.38 0.00	32.56 1.65 0.00	29.25 1.44 0.00	32.03 1.55 0.00	26.71 1.34 0.00	19.42 0.94 0.00	16.44 0.79 0.00

ATHENS_STG_1 23668	19.23 0.44 0.00	19.72 0.46 0.00	17.74 0.45 0.00	17.33 0.45 0.00	16.90 0.43 0.00	14.73 0.36 0.00	12.65 0.31 0.00	19.18 0.46 0.00	15.71 0.39 0.00	18.99 0.45 0.00	14.27 0.38 0.00	16.65 0.44 0.00	19.61 0.53 0.00	16.70 0.47 0.00	17.18 0.53 0.00	14.40 0.46 0.00	20.18 0.65 0.00	25.50 0.79 0.00	31.84 0.92 0.00	28.63 0.82 0.00	31.38 0.90 0.00	26.16 0.79 0.00	19.04 0.56 0.00	16.12 0.48 0.00
ATHENS_STG_2 23670	19.23 0.44 0.00	19.72 0.46 0.00	17.74 0.45 0.00	17.33 0.45 0.00	16.90 0.43 0.00	14.73 0.36 0.00	12.65 0.31 0.00	19.18 0.46 0.00	15.71 0.39 0.00	18.99 0.45 0.00	14.27 0.38 0.00	16.65 0.44 0.00	19.61 0.53 0.00	16.70 0.47 0.00	17.18 0.53 0.00	14.40 0.46 0.00	20.18 0.65 0.00	25.50 0.79 0.00	31.84 0.92 0.00	28.63 0.82 0.00	31.38 0.90 0.00	26.16 0.79 0.00	19.04 0.56 0.00	16.12 0.48 0.00
ATHENS_STG_3 23677	19.23 0.44 0.00	19.72 0.46 0.00	17.74 0.45 0.00	17.33 0.45 0.00	16.90 0.43 0.00	14.73 0.36 0.00	12.65 0.31 0.00	19.18 0.46 0.00	15.71 0.39 0.00	18.99 0.45 0.00	14.27 0.38 0.00	16.65 0.44 0.00	19.61 0.53 0.00	16.70 0.47 0.00	17.18 0.53 0.00	14.40 0.46 0.00	20.18 0.65 0.00	25.50 0.79 0.00	31.84 0.92 0.00	28.63 0.82 0.00	31.38 0.90 0.00	26.16 0.79 0.00	19.04 0.56 0.00	16.12 0.48 0.00
AUBURN___LFGE 323710	18.34 -0.13 0.31	19.13 -0.14 0.00	16.82 -0.15 0.31	16.41 -0.19 0.27	16.37 -0.10 0.00	14.27 -0.10 0.00	12.27 -0.07 0.00	18.61 -0.11 0.00	15.12 -0.20 0.00	18.31 -0.23 0.00	13.73 -0.15 0.00	15.99 -0.22 0.00	18.66 -0.24 0.17	15.19 -0.19 0.85	15.51 -0.30 0.83	13.53 -0.27 0.15	18.95 -0.38 0.20	24.42 -0.30 0.00	30.51 -0.40 0.00	26.45 -0.27 1.09	30.12 -0.34 0.02	25.04 -0.33 0.00	18.06 -0.19 0.23	15.10 -0.13 0.42
BABYLON_RES_REC 323704	25.50 1.17 -5.55	20.40 1.14 0.00	18.28 0.99 0.00	17.79 0.91 0.00	17.33 0.86 0.00	15.13 0.76 0.00	13.00 0.65 0.00	19.72 1.00 0.00	16.18 0.85 0.00	19.49 0.95 0.00	14.71 0.83 0.00	17.17 0.96 0.00	20.18 1.10 0.00	17.17 0.94 0.00	18.08 1.15 -0.29	14.95 1.00 0.00	20.94 1.41 0.00	26.53 1.82 0.00	33.16 2.24 0.00	29.84 2.03 0.00	32.71 2.23 0.00	27.26 1.89 0.00	19.76 1.28 0.00	16.69 1.04 0.00
BABYLON__69_KV_BK2 356345	25.71 1.37 -5.55	20.60 1.33 0.00	18.45 1.16 0.00	17.95 1.07 0.00	17.49 1.01 0.00	15.27 0.90 0.00	13.11 0.77 0.00	19.90 1.17 0.00	16.33 1.00 0.00	19.67 1.13 0.00	14.86 0.97 0.00	17.33 1.12 0.00	20.36 1.28 0.00	17.33 1.11 0.00	18.26 1.33 -0.29	15.12 1.17 0.00	21.18 1.65 0.00	26.83 2.12 0.00	33.54 2.62 0.00	30.18 2.38 0.00	33.08 2.60 0.00	27.54 2.17 0.00	19.95 1.47 0.00	16.84 1.19 0.00
BALL_HILL_WT_PWR 323825	16.29 -1.51 0.99	17.80 -1.46 0.00	14.92 -1.39 0.98	14.65 -1.35 0.87	15.18 -1.29 0.00	13.23 -1.14 0.00	11.37 -0.97 0.00	17.23 -1.49 0.00	14.04 -1.29 0.00	17.10 -1.44 0.00	12.82 -1.06 0.00	14.97 -1.23 0.00	17.01 -1.51 0.55	12.25 -1.27 2.71	12.53 -1.47 2.65	12.30 -1.19 0.46	17.14 -1.76 0.62	22.68 -2.03 0.00	28.24 -2.67 0.00	21.98 -2.30 3.53	27.93 -2.49 0.06	23.10 -2.27 0.00	15.92 -1.71 0.86	12.54 -1.55 1.55
BARON_WINDS___WT_PWR 323822	15.67 -1.33 1.78	18.03 -1.24 0.00	14.29 -1.25 1.75	14.25 -1.07 1.56	15.56 -0.92 0.00	13.60 -0.77 0.00	11.69 -0.65 0.00	17.60 -1.12 0.00	14.32 -1.00 0.00	17.32 -1.23 0.00	12.86 -1.03 0.00	15.01 -1.19 0.00	16.65 -1.44 0.99	10.12 -1.25 4.86	10.55 -1.36 4.74	12.04 -1.09 0.82	16.89 -1.55 1.09	22.96 -1.75 0.00	28.64 -2.27 0.00	20.11 -1.89 5.81	28.41 -1.98 0.09	23.61 -1.77 0.00	15.76 -1.34 1.38	11.91 -1.19 2.55
BARRETT_IC_1 23704	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BARRETT_IC_10 23701	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BARRETT_IC_11 23702	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BARRETT_IC_12 23703	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BARRETT_IC_2 23705	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BARRETT_IC_3 23706	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BARRETT_IC_4 23707	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00

BARRETT_IC_5 23708	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BARRETT_IC_6 23709	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BARRETT_IC_7 23710	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.06 0.83 0.00	17.94 1.00 -0.29	14.78 0.83 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.54 0.00	19.60 1.11 0.00	16.56 0.91 0.00
BARRETT_IC_8 23711	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BARRETT_IC_9 23700	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BARRETT___1 23545	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BARRETT___2 23546	25.29 0.95 -5.55	20.20 0.93 0.00	18.11 0.82 0.00	17.65 0.77 0.00	17.20 0.73 0.00	15.01 0.64 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.63 0.75 0.00	17.08 0.87 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.93 1.00 -0.29	14.77 0.82 0.00	20.66 1.14 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.35 1.54 0.00	32.16 1.68 0.00	26.91 1.53 0.00	19.59 1.11 0.00	16.56 0.91 0.00
BATAVIA___115KV_TB1 55881	16.86 -1.17 0.75	18.04 -1.22 0.00	15.39 -1.15 0.74	15.06 -1.16 0.66	15.35 -1.13 0.00	13.39 -0.98 0.00	11.51 -0.83 0.00	17.49 -1.24 0.00	14.14 -1.19 0.00	17.17 -1.38 0.00	12.91 -0.97 0.00	15.09 -1.12 0.00	17.27 -1.39 0.42	13.06 -1.12 2.05	13.41 -1.23 2.00	12.61 -0.98 0.35	17.60 -1.46 0.47	22.93 -1.78 0.00	28.62 -2.30 0.00	23.32 -1.82 2.67	28.37 -2.06 0.04	23.44 -1.94 0.00	16.41 -1.44 0.64	13.10 -1.36 1.18
BAYONEEC___CTG1 323682	19.53 0.74 0.00	20.01 0.74 0.00	17.95 0.67 0.00	17.55 0.67 0.00	17.11 0.63 0.00	14.92 0.55 0.00	12.80 0.46 0.00	19.41 0.68 0.00	15.95 0.62 0.00	19.32 0.78 0.00	14.58 0.69 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.96 -0.28	14.78 0.83 0.00	20.71 1.18 0.00	26.13 1.42 0.00	32.61 1.70 0.00	29.29 1.48 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00
BAYONEEC___CTG10 323750	19.53 0.74 0.00	20.01 0.74 0.00	17.95 0.67 0.00	17.55 0.67 0.00	17.11 0.63 0.00	14.92 0.55 0.00	12.80 0.46 0.00	19.41 0.68 0.00	15.95 0.62 0.00	19.32 0.78 0.00	14.58 0.69 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.96 -0.28	14.78 0.83 0.00	20.71 1.18 0.00	26.13 1.42 0.00	32.61 1.70 0.00	29.29 1.48 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00
BAYONEEC___CTG2 323683	19.53 0.74 0.00	20.01 0.74 0.00	17.95 0.67 0.00	17.55 0.67 0.00	17.11 0.63 0.00	14.92 0.55 0.00	12.80 0.46 0.00	19.41 0.68 0.00	15.95 0.62 0.00	19.32 0.78 0.00	14.58 0.69 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.96 -0.28	14.78 0.83 0.00	20.71 1.18 0.00	26.13 1.42 0.00	32.61 1.70 0.00	29.29 1.48 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00
BAYONEEC___CTG3 323684	19.53 0.74 0.00	20.01 0.74 0.00	17.95 0.67 0.00	17.55 0.67 0.00	17.11 0.63 0.00	14.92 0.55 0.00	12.80 0.46 0.00	19.41 0.68 0.00	15.95 0.62 0.00	19.32 0.78 0.00	14.58 0.69 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.96 -0.28	14.78 0.83 0.00	20.71 1.18 0.00	26.13 1.42 0.00	32.61 1.70 0.00	29.29 1.48 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00
BAYONEEC___CTG4 323685	19.53 0.74 0.00	20.01 0.74 0.00	17.95 0.67 0.00	17.55 0.67 0.00	17.11 0.63 0.00	14.92 0.55 0.00	12.80 0.46 0.00	19.41 0.68 0.00	15.95 0.62 0.00	19.32 0.78 0.00	14.58 0.69 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.96 -0.28	14.78 0.83 0.00	20.71 1.18 0.00	26.13 1.42 0.00	32.61 1.70 0.00	29.29 1.48 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00
BAYONEEC___CTG5 323686	19.53 0.74 0.00	20.01 0.74 0.00	17.95 0.67 0.00	17.55 0.67 0.00	17.11 0.63 0.00	14.92 0.55 0.00	12.80 0.46 0.00	19.41 0.68 0.00	15.95 0.62 0.00	19.32 0.78 0.00	14.58 0.69 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.96 -0.28	14.78 0.83 0.00	20.71 1.18 0.00	26.13 1.42 0.00	32.61 1.70 0.00	29.29 1.48 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00
BAYONEEC___CTG6 323687	19.53 0.74 0.00	20.01 0.74 0.00	17.95 0.67 0.00	17.55 0.67 0.00	17.11 0.63 0.00	14.92 0.55 0.00	12.80 0.46 0.00	19.41 0.68 0.00	15.95 0.62 0.00	19.32 0.78 0.00	14.58 0.69 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.96 -0.28	14.78 0.83 0.00	20.71 1.18 0.00	26.13 1.42 0.00	32.61 1.70 0.00	29.29 1.48 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00

BAYONEEC___CTG7 323688	19.53 0.74 0.00	20.01 0.74 0.00	17.95 0.67 0.00	17.55 0.67 0.00	17.11 0.63 0.00	14.92 0.55 0.00	12.80 0.46 0.00	19.41 0.68 0.00	15.95 0.62 0.00	19.32 0.78 0.00	14.58 0.69 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.96 -0.28	14.78 0.83 0.00	20.71 1.18 0.00	26.13 1.42 0.00	32.61 1.70 0.00	29.29 1.48 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00
BAYONEEC___CTG8 323689	19.53 0.74 0.00	20.01 0.74 0.00	17.95 0.67 0.00	17.55 0.67 0.00	17.11 0.63 0.00	14.92 0.55 0.00	12.80 0.46 0.00	19.41 0.68 0.00	15.95 0.62 0.00	19.32 0.78 0.00	14.58 0.69 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.96 -0.28	14.78 0.83 0.00	20.71 1.18 0.00	26.13 1.42 0.00	32.61 1.70 0.00	29.29 1.48 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00
BAYONEEC___CTG9 323749	19.53 0.74 0.00	20.01 0.74 0.00	17.95 0.67 0.00	17.55 0.67 0.00	17.11 0.63 0.00	14.92 0.55 0.00	12.80 0.46 0.00	19.41 0.68 0.00	15.95 0.62 0.00	19.32 0.78 0.00	14.58 0.69 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.90 0.96 -0.28	14.78 0.83 0.00	20.71 1.18 0.00	26.13 1.42 0.00	32.61 1.70 0.00	29.29 1.48 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00
BEACON___LESR 323632	19.21 0.42 0.00	19.76 0.49 0.00	17.85 0.56 0.00	17.42 0.54 0.00	17.00 0.52 0.00	14.76 0.39 0.00	12.73 0.38 0.00	19.28 0.56 0.00	15.77 0.44 0.00	19.01 0.46 0.00	14.21 0.33 0.00	16.59 0.39 0.00	19.58 0.50 0.00	16.61 0.38 0.00	17.13 0.48 0.00	14.35 0.41 0.00	20.14 0.62 0.00	25.47 0.76 0.00	31.82 0.91 0.00	28.65 0.84 0.00	31.36 0.88 0.00	26.12 0.75 0.00	19.02 0.54 0.00	16.21 0.56 0.00
BEAVER RIVER___HYD 24048	18.61 -0.18 0.00	18.94 -0.32 0.00	16.76 -0.53 0.00	16.24 -0.64 0.00	18.67 -0.60 -2.80	14.02 -0.59 -0.24	12.41 -0.56 -0.63	21.23 -0.46 -2.97	15.68 -0.27 -0.62	19.66 -0.36 -1.49	9.17 -0.70 4.01	5.87 -0.94 9.40	9.95 -1.09 8.03	5.85 -0.85 9.44	6.29 -0.86 9.50	4.38 -0.52 9.05	9.07 -0.56 9.90	21.67 -0.94 2.10	29.97 -0.94 0.00	27.47 -0.34 0.00	32.42 0.11 -1.83	28.42 -0.42 -3.47	20.07 -0.67 -2.25	17.48 -0.43 -2.26
BEEBEE_GT_13 23619	17.18 -1.02 0.58	18.22 -1.05 0.00	15.73 -0.98 0.57	15.38 -0.99 0.51	15.52 -0.96 0.00	13.53 -0.84 0.00	11.63 -0.71 0.00	17.66 -1.06 0.00	14.35 -0.98 0.00	17.46 -1.09 0.00	13.14 -0.74 0.00	15.35 -0.86 0.00	17.71 -1.05 0.32	13.80 -0.85 1.58	14.13 -0.97 1.55	12.89 -0.78 0.27	17.98 -1.18 0.36	23.28 -1.44 0.00	29.09 -1.82 0.00	24.17 -1.57 2.07	28.69 -1.76 0.03	23.75 -1.62 0.00	16.80 -1.19 0.50	13.62 -1.11 0.92
BENSHRST_27_KV_BENSHRST_1 355998	19.77 0.98 0.00	20.25 0.98 0.00	18.17 0.87 -0.01	17.74 0.86 0.00	17.28 0.81 0.00	15.07 0.70 0.00	12.94 0.60 0.00	19.62 0.89 0.00	16.13 0.80 -0.01	19.56 1.01 0.00	14.75 0.87 0.00	17.21 1.00 0.00	20.28 1.21 0.00	17.32 1.09 0.00	18.11 1.18 -0.28	14.96 1.02 0.00	20.96 1.42 -0.01	40.52 1.70 -14.11	39.50 2.05 -6.54	38.67 1.79 -9.07	38.82 1.96 -6.38	39.93 1.67 -12.89	26.55 1.19 -6.88	16.64 0.99 -0.01
BETHLEHEM___GRP 23843	18.98 0.19 0.00	19.56 0.29 0.00	17.69 0.40 0.00	17.28 0.41 0.00	16.86 0.38 0.00	14.67 0.30 0.00	12.60 0.26 0.00	19.10 0.38 0.00	15.65 0.32 0.00	18.85 0.31 0.00	14.09 0.21 0.00	16.43 0.22 0.00	19.35 0.28 0.00	16.47 0.24 0.00	16.95 0.31 0.00	14.23 0.28 0.00	19.91 0.39 0.00	25.08 0.37 0.00	31.31 0.39 0.00	28.20 0.39 0.00	30.90 0.42 0.00	25.78 0.40 0.00	18.81 0.33 0.00	15.97 0.32 0.00
BETHLEHEM___GS1 323560	18.98 0.19 0.00	19.55 0.29 0.00	17.69 0.40 0.00	17.28 0.41 0.00	16.86 0.38 0.00	14.67 0.30 0.00	12.60 0.26 0.00	19.10 0.38 0.00	15.65 0.32 0.00	18.85 0.31 0.00	14.09 0.21 0.00	16.44 0.23 0.00	19.35 0.28 0.00	16.47 0.24 0.00	16.95 0.31 0.00	14.22 0.28 0.00	19.91 0.39 0.00	25.08 0.37 0.00	31.31 0.39 0.00	28.20 0.39 0.00	30.90 0.42 0.00	25.77 0.40 0.00	18.81 0.33 0.00	15.97 0.32 0.00
BETHLEHEM___GS2 323561	18.98 0.19 0.00	19.55 0.29 0.00	17.69 0.40 0.00	17.28 0.41 0.00	16.86 0.38 0.00	14.67 0.30 0.00	12.60 0.26 0.00	19.10 0.38 0.00	15.65 0.32 0.00	18.85 0.31 0.00	14.09 0.21 0.00	16.44 0.23 0.00	19.35 0.28 0.00	16.47 0.24 0.00	16.95 0.31 0.00	14.22 0.28 0.00	19.91 0.39 0.00	25.08 0.37 0.00	31.31 0.39 0.00	28.20 0.39 0.00	30.90 0.42 0.00	25.77 0.40 0.00	18.81 0.33 0.00	15.97 0.32 0.00
BETHLEHEM___GS3 323562	18.98 0.19 0.00	19.55 0.29 0.00	17.69 0.40 0.00	17.28 0.41 0.00	16.86 0.38 0.00	14.67 0.30 0.00	12.60 0.26 0.00	19.10 0.38 0.00	15.65 0.32 0.00	18.85 0.31 0.00	14.09 0.21 0.00	16.44 0.23 0.00	19.35 0.28 0.00	16.47 0.24 0.00	16.95 0.31 0.00	14.22 0.28 0.00	19.91 0.39 0.00	25.08 0.37 0.00	31.31 0.39 0.00	28.20 0.39 0.00	30.90 0.42 0.00	25.77 0.40 0.00	18.81 0.33 0.00	15.97 0.32 0.00
BETHLEHEM___STEEL 23779	16.38 -1.44 0.97	17.82 -1.45 0.00	14.98 -1.36 0.96	14.69 -1.33 0.85	15.19 -1.28 0.00	13.25 -1.12 0.00	11.38 -0.96 0.00	17.26 -1.46 0.00	14.02 -1.31 0.00	17.13 -1.42 0.00	12.87 -1.01 0.00	15.01 -1.19 0.00	17.09 -1.45 0.54	12.42 -1.17 2.64	12.73 -1.34 2.58	12.40 -1.09 0.45	17.24 -1.68 0.61	22.69 -2.03 0.00	28.25 -2.67 0.00	22.08 -2.29 3.44	27.88 -2.54 0.06	23.05 -2.32 0.00	15.94 -1.71 0.83	12.56 -1.57 1.52
BETHLHEM_115KV_TB1 79974	19.02 0.23 0.00	19.59 0.32 0.00	17.70 0.41 0.00	17.29 0.42 0.00	16.86 0.39 0.00	14.68 0.31 0.00	12.61 0.26 0.00	19.11 0.39 0.00	15.66 0.33 0.00	18.87 0.33 0.00	14.11 0.23 0.00	16.46 0.25 0.00	19.38 0.31 0.00	16.50 0.27 0.00	16.98 0.33 0.00	14.25 0.30 0.00	19.94 0.42 0.00	25.14 0.43 0.00	31.38 0.46 0.00	28.26 0.45 0.00	30.96 0.48 0.00	25.83 0.46 0.00	18.84 0.36 0.00	15.98 0.34 0.00
BETHPAGE_CC_5 323564	25.47 1.13 -5.55	20.38 1.11 0.00	18.25 0.96 0.00	17.78 0.90 0.00	17.32 0.85 0.00	15.12 0.75 0.00	12.99 0.64 0.00	19.70 0.98 0.00	16.18 0.85 0.00	19.50 0.96 0.00	14.73 0.86 0.00	17.19 0.99 0.00	20.21 1.13 0.00	17.21 0.98 0.00	18.10 1.17 -0.29	14.94 1.00 0.00	20.92 1.39 0.00	26.49 1.78 0.00	33.07 2.16 0.00	29.76 1.95 0.00	32.61 2.13 0.00	27.22 1.85 0.00	19.74 1.26 0.00	16.68 1.03 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.48 -1.32 0.99	17.93 -1.34 0.00	15.06 -1.26 0.97	14.77 -1.24 0.86	15.29 -1.18 0.00	13.34 -1.03 0.00	11.46 -0.88 0.00	17.39 -1.33 0.00	14.12 -1.21 0.00	17.25 -1.29 0.00	12.95 -0.93 0.00	15.11 -1.10 0.00	17.19 -1.34 0.55	12.46 -1.08 2.69	12.78 -1.24 2.63	12.47 -1.01 0.46	17.35 -1.56 0.62	22.83 -1.89 0.00	28.44 -2.47 0.00	22.18 -2.11 3.52	28.07 -2.35 0.06	23.21 -2.16 0.00	16.04 -1.59 0.85	12.62 -1.48 1.55

BINGHAMTON___COGEN 23790	18.58 -0.21 0.00	19.05 -0.21 0.00	17.06 -0.23 0.00	16.69 -0.18 0.00	16.30 -0.17 0.00	14.24 -0.14 0.00	12.25 -0.09 0.00	18.57 -0.15 0.00	15.17 -0.16 0.00	18.37 -0.18 0.00	13.74 -0.14 0.00	16.06 -0.15 0.00	18.88 -0.19 0.00	16.03 -0.20 0.00	16.41 -0.24 0.00	13.78 -0.16 0.00	19.25 -0.22 0.05	24.53 -0.19 0.00	30.61 -0.31 0.00	26.22 -0.25 1.33	30.23 -0.23 0.02	25.12 -0.25 0.00	17.94 -0.22 0.32	14.87 -0.20 0.58
BIXINCNT_115KV_LOAD 355685	16.41 -1.28 1.10	17.97 -1.30 0.00	15.08 -1.13 1.08	14.80 -1.12 0.96	15.54 -0.94 0.00	13.58 -0.79 0.00	11.64 -0.70 0.00	17.71 -1.01 0.00	14.37 -0.97 0.00	17.39 -1.15 0.00	12.76 -1.12 0.00	14.96 -1.25 0.00	16.94 -1.53 0.61	11.92 -1.33 2.99	12.36 -1.37 2.92	12.26 -1.18 0.51	17.16 -1.67 0.69	22.61 -2.10 0.00	28.37 -2.55 0.00	21.91 -1.91 3.98	28.23 -2.19 0.06	23.34 -2.03 0.00	16.05 -1.47 0.96	12.55 -1.34 1.75
BLACK RIVER___HYD 24047	18.77 -0.02 0.00	19.11 -0.15 0.00	16.86 -0.42 0.00	16.25 -0.63 0.00	17.83 -0.60 -1.95	13.96 -0.57 -0.17	12.28 -0.50 -0.44	20.52 -0.27 -2.07	15.59 -0.17 -0.43	19.23 -0.34 -1.04	10.40 -0.73 2.76	8.85 -0.88 6.48	12.48 -1.06 5.54	8.81 -0.91 6.51	9.28 -0.82 6.55	7.22 -0.49 6.24	12.22 -0.48 6.82	22.43 -0.84 1.44	30.04 -0.87 0.00	27.66 -0.15 0.00	32.10 0.34 -1.28	27.53 -0.26 -2.42	19.46 -0.59 -1.57	16.85 -0.37 -1.58
BLACKRVR_115KV_TB2 79977	18.77 -0.02 0.00	19.11 -0.15 0.00	16.86 -0.42 0.00	16.25 -0.63 0.00	17.83 -0.60 -1.95	13.96 -0.57 -0.17	12.28 -0.50 -0.44	20.52 -0.27 -2.07	15.59 -0.17 -0.43	19.23 -0.35 -1.04	10.40 -0.73 2.76	8.85 -0.88 6.48	12.48 -1.06 5.54	8.81 -0.91 6.51	9.28 -0.82 6.55	7.22 -0.49 6.24	12.22 -0.48 6.82	22.43 -0.84 1.44	30.04 -0.87 0.00	27.66 -0.15 0.00	32.10 0.34 -1.28	27.53 -0.26 -2.42	19.46 -0.59 -1.57	16.85 -0.37 -1.58
BLISS_WT_PWR 323608	16.31 -1.38 1.10	17.88 -1.39 0.00	15.02 -1.20 1.08	14.74 -1.17 0.96	15.50 -0.97 0.00	13.57 -0.80 0.00	11.61 -0.73 0.00	17.69 -1.03 0.00	14.33 -1.00 0.00	17.31 -1.24 0.00	12.62 -1.26 0.00	14.82 -1.39 0.00	16.78 -1.69 0.61	11.77 -1.47 2.99	12.22 -1.51 2.92	12.15 -1.29 0.51	17.02 -1.82 0.69	22.43 -2.28 0.00	28.17 -2.74 0.00	21.81 -2.02 3.98	28.11 -2.31 0.06	23.24 -2.13 0.00	15.97 -1.55 0.96	12.49 -1.41 1.75
BLUESTONE___WT_PWR 323821	19.92 0.27 -0.87	19.02 -0.25 0.00	18.21 0.06 -0.85	17.38 -0.25 -0.76	16.34 -0.14 0.00	14.49 0.12 0.00	12.31 -0.03 0.00	18.91 0.19 0.00	15.49 0.16 0.00	18.37 -0.17 0.00	13.65 -0.23 0.00	15.92 -0.29 0.00	19.22 -0.34 -0.49	18.20 -0.43 -2.40	18.57 -0.42 -2.34	14.17 -0.19 -0.42	19.73 -0.34 -0.54	24.31 -0.40 0.00	31.09 0.17 0.00	30.94 0.49 -2.64	31.00 0.48 -0.04	25.29 -0.08 0.00	18.65 -0.45 -0.62	16.84 0.05 -1.15
BLUE_CIRC_CHEM_DRP 24182	19.24 0.45 0.00	19.78 0.52 0.00	17.84 0.55 0.00	17.42 0.55 0.00	17.00 0.52 0.00	14.80 0.43 0.00	12.71 0.37 0.00	19.27 0.54 0.00	15.72 0.39 0.00	18.89 0.35 0.00	14.16 0.29 0.00	16.54 0.33 0.00	19.44 0.36 0.00	16.53 0.30 0.00	17.02 0.38 0.00	14.32 0.37 0.00	20.03 0.50 0.00	25.34 0.63 0.00	31.66 0.74 0.00	28.54 0.73 0.00	31.29 0.81 0.00	26.07 0.70 0.00	19.01 0.53 0.00	16.12 0.47 0.00
BOC_GAS_DRP 24189	19.11 0.32 0.00	19.63 0.36 0.00	17.69 0.40 0.00	17.27 0.40 0.00	16.85 0.37 0.00	14.67 0.31 0.00	12.61 0.26 0.00	19.11 0.39 0.00	15.65 0.32 0.00	18.89 0.35 0.00	14.16 0.28 0.00	16.52 0.31 0.00	19.45 0.38 0.00	16.56 0.33 0.00	17.03 0.39 0.00	14.29 0.34 0.00	20.00 0.47 0.00	25.25 0.54 0.00	31.52 0.61 0.00	28.38 0.57 0.00	31.11 0.63 0.00	25.93 0.56 0.00	18.90 0.42 0.00	16.01 0.36 0.00
BOONVILLE_115KV_TB1 79983	18.95 0.16 0.00	19.35 0.08 0.00	17.26 -0.03 0.00	16.80 -0.07 0.00	17.48 -0.06 -1.06	14.37 -0.09 -0.09	12.49 -0.10 -0.24	19.89 0.04 -1.12	15.65 0.09 -0.23	19.20 0.09 -0.56	12.82 -0.16 0.91	13.71 -0.23 2.27	16.86 -0.28 1.94	13.71 -0.24 2.28	14.19 -0.17 2.29	11.73 -0.03 2.19	17.18 0.04 2.38	24.26 -0.03 0.43	30.96 0.05 0.00	28.08 0.27 0.00	31.71 0.53 -0.69	26.86 0.17 -1.32	19.28 -0.05 -0.85	16.52 0.01 -0.86
BORALEX_4TH_BRANCH 23824	19.79 1.00 0.00	20.28 1.01 0.00	18.23 0.94 0.00	17.79 0.92 0.00	17.36 0.88 0.00	15.09 0.72 0.00	12.97 0.63 0.00	19.66 0.94 0.00	16.13 0.81 0.00	19.47 0.93 0.00	14.62 0.74 0.00	17.04 0.83 0.00	20.06 0.99 0.00	17.07 0.84 0.00	17.59 0.94 0.00	14.77 0.83 0.00	20.59 1.06 0.00	25.96 1.24 0.00	32.30 1.39 0.00	29.17 1.36 0.00	32.03 1.55 0.00	26.76 1.39 0.00	19.47 0.99 0.00	16.49 0.84 0.00
BOWLINE___1 23526	19.34 0.56 0.00	19.82 0.55 0.00	17.79 0.50 0.00	17.36 0.49 0.00	16.94 0.46 0.00	14.78 0.40 0.00	12.69 0.35 0.00	19.23 0.51 0.00	15.79 0.46 0.00	19.11 0.57 0.00	14.39 0.50 0.00	16.80 0.60 0.00	19.81 0.73 0.00	16.87 0.64 0.00	18.01 0.72 -0.64	14.56 0.62 0.00	20.45 0.93 0.00	25.89 1.18 0.00	32.32 1.41 0.00	29.01 1.20 0.00	31.77 1.29 0.00	26.49 1.12 0.00	19.24 0.76 0.00	16.28 0.63 0.00
BOWLINE___2 23595	19.34 0.56 0.00	19.82 0.55 0.00	17.79 0.50 0.00	17.36 0.49 0.00	16.94 0.46 0.00	14.78 0.40 0.00	12.69 0.35 0.00	19.23 0.51 0.00	15.79 0.46 0.00	19.11 0.57 0.00	14.39 0.50 0.00	16.81 0.60 0.00	19.81 0.73 0.00	16.87 0.64 0.00	18.01 0.72 -0.64	14.57 0.62 0.00	20.45 0.93 0.00	25.89 1.18 0.00	32.32 1.41 0.00	29.01 1.20 0.00	31.77 1.29 0.00	26.49 1.12 0.00	19.24 0.76 0.00	16.28 0.63 0.00
BRADY___115KV_TB2 356060	18.85 0.06 0.00	19.32 0.05 0.00	17.27 -0.02 0.00	16.83 -0.04 0.00	19.39 -0.04 -2.95	14.61 -0.01 -0.25	12.98 -0.03 -0.67	21.81 -0.04 -3.13	15.94 -0.04 -0.65	20.08 -0.02 -1.57	-1.31 -0.13 15.06	-16.75 -0.12 32.84	-9.07 -0.13 28.01	-16.90 -0.18 32.95	-16.77 -0.20 33.22	-17.72 -0.10 31.56	-15.32 -0.08 34.77	16.03 0.02 8.70	31.19 0.27 0.00	28.10 0.29 0.00	32.74 0.33 -1.93	29.21 0.18 -3.66	20.91 0.06 -2.37	18.07 0.03 -2.38
BRANSCOMB___SOLAR 323811	19.82 1.04 0.00	20.30 1.03 0.00	18.23 0.95 0.00	17.80 0.93 0.00	17.37 0.90 0.00	15.13 0.76 0.00	13.00 0.66 0.00	19.73 1.01 0.00	16.11 0.78 0.00	19.39 0.85 0.00	14.50 0.62 0.00	16.95 0.74 0.00	19.88 0.80 0.00	16.94 0.71 0.00	17.42 0.77 0.00	14.59 0.64 0.00	20.53 1.01 0.00	26.06 1.35 0.00	32.65 1.73 0.00	29.36 1.55 0.00	32.30 1.81 0.00	26.83 1.45 0.00	19.51 1.03 0.00	16.52 0.87 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	25.63 1.29 -5.55	20.52 1.26 0.00	18.38 1.09 0.00	17.89 1.01 0.00	17.43 0.95 0.00	15.21 0.84 0.00	13.07 0.72 0.00	19.82 1.10 0.00	16.28 0.95 0.00	19.59 1.05 0.00	14.80 0.92 0.00	17.27 1.06 0.00	20.28 1.20 0.00	17.25 1.02 0.00	18.19 1.25 -0.29	15.05 1.10 0.00	21.07 1.54 0.00	26.69 1.97 0.00	33.32 2.40 0.00	29.99 2.19 0.00	32.87 2.39 0.00	27.38 2.01 0.00	19.84 1.36 0.00	16.76 1.11 0.00



BRISTLHL_115KV_TB1 79998	18.44 -0.35 0.00	18.90 -0.37 0.00	16.94 -0.34 0.00	16.54 -0.34 0.00	16.17 -0.30 0.00	14.10 -0.27 0.00	12.12 -0.22 0.00	18.40 -0.32 0.00	15.04 -0.30 0.00	18.17 -0.38 0.00	13.61 -0.28 0.00	15.90 -0.32 0.00	18.69 -0.39 0.00	15.93 -0.30 0.00	16.30 -0.35 0.00	13.63 -0.32 0.00	19.08 -0.44 0.00	24.14 -0.58 0.00	30.16 -0.76 0.00	27.15 -0.65 0.00	29.77 -0.71 0.00	24.75 -0.62 0.00	18.04 -0.44 0.00	15.27 -0.38 0.00
BROOKHAVEN___DRP 24191	25.56 1.23 -5.55	20.39 1.13 0.00	18.31 1.02 0.00	17.81 0.94 0.00	17.36 0.89 0.00	15.17 0.80 0.00	13.03 0.69 0.00	19.77 1.05 0.00	16.22 0.89 0.00	19.53 0.98 0.00	14.75 0.87 0.00	17.20 0.99 0.00	20.20 1.13 0.00	17.19 0.96 0.00	18.12 1.18 -0.29	15.01 1.06 0.00	21.03 1.50 0.00	26.58 1.87 0.00	33.22 2.31 0.00	29.91 2.10 0.00	32.79 2.31 0.00	27.30 1.93 0.00	19.78 1.30 0.00	16.70 1.05 0.00
BROOKLYN_NAVY_YARD 23515	19.53 0.74 0.00	20.01 0.75 0.00	17.96 0.68 0.00	17.57 0.69 0.00	17.11 0.64 0.00	14.92 0.55 0.00	12.81 0.47 0.00	19.41 0.69 0.00	15.95 0.62 0.00	19.32 0.78 0.00	14.58 0.70 0.00	17.01 0.80 0.00	20.05 0.97 0.00	17.11 0.88 0.00	17.92 0.98 -0.28	14.79 0.84 0.00	20.71 1.18 0.00	26.13 1.42 0.00	32.60 1.69 0.00	29.28 1.47 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00
BROOKLYN___ARMY_DRP 323595	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
BROOKVLE_69_KV_TB1 55790	25.46 1.12 -5.55	20.37 1.11 0.00	18.25 0.96 0.00	17.78 0.90 0.00	17.33 0.85 0.00	15.12 0.76 0.00	12.99 0.64 0.00	19.70 0.98 0.00	16.18 0.85 0.00	19.53 0.99 0.00	14.76 0.88 0.00	17.23 1.02 0.00	20.26 1.18 0.00	17.26 1.03 0.00	18.14 1.21 -0.29	14.99 1.05 0.00	20.98 1.46 0.00	26.55 1.84 0.00	33.16 2.25 0.00	29.81 2.00 0.00	32.66 2.18 0.00	27.24 1.87 0.00	19.76 1.28 0.00	16.70 1.05 0.00
BROOME_2_LFGE 323671	18.57 -0.21 0.00	19.05 -0.22 0.00	17.06 -0.23 0.00	16.69 -0.18 0.00	16.30 -0.17 0.00	14.24 -0.14 0.00	12.25 -0.09 0.00	18.57 -0.15 0.00	15.17 -0.15 0.00	18.37 -0.18 0.00	13.74 -0.14 0.00	16.06 -0.15 0.00	18.88 -0.21 0.00	16.03 -0.21 0.00	16.41 -0.24 0.00	13.78 -0.17 0.00	19.25 -0.23 0.05	24.53 -0.18 0.00	30.60 -0.31 0.00	26.22 -0.26 1.33	30.23 -0.23 0.02	25.12 -0.25 0.00	17.94 -0.22 0.32	14.87 -0.20 0.58
BROOME___LFGE 323600	18.57 -0.21 0.00	19.05 -0.22 0.00	17.06 -0.23 0.00	16.69 -0.18 0.00	16.30 -0.17 0.00	14.24 -0.14 0.00	12.25 -0.09 0.00	18.57 -0.15 0.00	15.17 -0.15 0.00	18.37 -0.18 0.00	13.74 -0.14 0.00	16.06 -0.15 0.00	18.88 -0.19 0.00	16.03 -0.21 0.00	16.41 -0.24 0.00	13.78 -0.17 0.00	19.25 -0.23 0.05	24.53 -0.18 0.00	30.60 -0.31 0.00	26.22 -0.26 1.33	30.23 -0.23 0.02	25.12 -0.25 0.00	17.94 -0.22 0.32	14.87 -0.20 0.58
BROWNFLS_115KV_TB_3_5 80003	18.44 -0.35 0.00	18.81 -0.46 0.00	16.69 -0.59 0.00	16.21 -0.66 0.00	20.87 -0.64 -5.03	14.20 -0.60 -0.43	12.91 -0.57 -1.14	23.44 -0.61 -5.33	16.02 -0.42 -1.11	20.68 -0.52 -2.67	5.47 -0.70 7.71	-2.64 -0.88 17.98	2.70 -1.01 15.37	-2.71 -0.88 18.06	-2.37 -0.84 18.18	-3.92 -0.56 17.31	-0.07 -0.66 18.95	19.67 -0.96 4.08	29.98 -0.93 0.00	27.32 -0.49 0.00	33.50 -0.28 -3.29	31.00 -0.60 -6.23	21.83 -0.69 -4.04	19.21 -0.50 -4.06
BROWNSV1_27_KV_LOAD 356125	19.70 0.92 0.00	20.19 0.92 0.00	18.11 0.82 0.00	17.69 0.81 0.00	17.24 0.76 0.00	15.03 0.66 0.00	12.90 0.56 0.00	19.56 0.84 0.00	16.08 0.75 0.00	19.49 0.95 0.00	14.70 0.83 0.00	17.16 0.95 0.00	20.22 1.15 0.00	17.26 1.03 0.00	18.05 1.12 -0.28	14.92 0.97 0.00	20.88 1.36 0.00	26.36 1.65 0.00	32.91 2.00 0.00	29.56 1.75 0.00	32.42 1.94 0.00	27.07 1.70 0.00	19.67 1.19 0.00	16.62 0.97 0.00
BURROWS___LYONSDAL 23803	18.86 0.08 0.00	19.25 -0.02 0.00	17.13 -0.16 0.00	16.65 -0.22 0.00	17.68 -0.19 -1.40	14.27 -0.22 -0.12	12.43 -0.23 -0.32	20.12 -0.08 -1.49	15.65 0.01 -0.31	19.28 0.00 -0.75	12.07 -0.30 1.52	12.10 -0.44 3.67	15.43 -0.51 3.14	12.10 -0.44 3.69	12.59 -0.35 3.71	10.25 -0.16 3.53	15.56 -0.11 3.86	23.67 -0.28 0.76	30.69 -0.22 0.00	27.92 0.11 0.00	31.85 0.45 -0.92	27.13 0.02 -1.74	19.39 -0.22 -1.13	16.68 -0.10 -1.14
CAITHNESS_CC_1 323624	25.53 1.20 -5.55	20.38 1.11 0.00	18.28 0.99 0.00	17.79 0.91 0.00	17.33 0.86 0.00	15.14 0.77 0.00	13.01 0.67 0.00	19.74 1.02 0.00	16.20 0.87 0.00	19.50 0.96 0.00	14.73 0.86 0.00	17.19 0.98 0.00	20.18 1.11 0.00	17.17 0.94 0.00	18.10 1.16 -0.29	14.98 1.04 0.00	21.00 1.47 0.00	26.53 1.82 0.00	33.15 2.23 0.00	29.84 2.03 0.00	32.71 2.23 0.00	27.25 1.88 0.00	19.75 1.27 0.00	16.68 1.03 0.00
CALPINE BETH_PAGE_GT4 24209	25.46 1.13 -5.55	20.37 1.11 0.00	18.25 0.96 0.00	17.78 0.90 0.00	17.32 0.85 0.00	15.12 0.75 0.00	12.98 0.64 0.00	19.70 0.98 0.00	16.17 0.84 0.00	19.51 0.96 0.00	14.74 0.85 0.00	17.19 0.98 0.00	20.20 1.13 0.00	17.21 0.98 0.00	18.10 1.16 -0.29	14.92 0.97 0.00	20.88 1.35 0.00	26.44 1.73 0.00	33.03 2.11 0.00	29.70 1.90 0.00	32.56 2.08 0.00	27.22 1.85 0.00	19.74 1.26 0.00	16.68 1.03 0.00
CALPINE_BETH_PAGE_GT_4 323586	25.47 1.13 -5.55	20.37 1.11 0.00	18.25 0.96 0.00	17.78 0.90 0.00	17.32 0.85 0.00	15.12 0.75 0.00	12.98 0.64 0.00	19.70 0.98 0.00	16.17 0.84 0.00	19.50 0.96 0.00	14.73 0.86 0.00	17.19 0.99 0.00	20.21 1.13 0.00	17.21 0.98 0.00	18.10 1.16 -0.29	14.92 0.97 0.00	20.88 1.36 0.00	26.44 1.73 0.00	33.03 2.11 0.00	29.71 1.90 0.00	32.56 2.08 0.00	27.22 1.85 0.00	19.74 1.26 0.00	16.68 1.03 0.00
CALPINE_BP_GT1 23823	25.47 1.13 -5.55	20.37 1.11 0.00	18.25 0.96 0.00	17.78 0.90 0.00	17.32 0.85 0.00	15.12 0.75 0.00	12.98 0.64 0.00	19.70 0.98 0.00	16.17 0.84 0.00	19.50 0.96 0.00	14.73 0.86 0.00	17.19 0.99 0.00	20.21 1.13 0.00	17.21 0.98 0.00	18.10 1.16 -0.29	14.92 0.97 0.00	20.88 1.36 0.00	26.44 1.73 0.00	33.03 2.11 0.00	29.71 1.90 0.00	32.56 2.08 0.00	27.22 1.85 0.00	19.74 1.26 0.00	16.68 1.03 0.00
CALSPAN___DRP 24200	16.38 -1.44 0.97	17.82 -1.45 0.00	14.98 -1.36 0.96	14.69 -1.33 0.85	15.19 -1.28 0.00	13.25 -1.12 0.00	11.38 -0.96 0.00	17.26 -1.46 0.00	14.02 -1.31 0.00	17.13 -1.42 0.00	12.87 -1.01 0.00	15.01 -1.19 0.00	17.09 -1.45 0.54	12.42 -1.17 2.64	12.73 -1.34 2.58	12.40 -1.09 0.45	17.24 -1.68 0.61	22.69 -2.03 0.00	28.25 -2.67 0.00	22.08 -2.29 3.44	27.88 -2.54 0.06	23.05 -2.32 0.00	15.94 -1.71 0.83	12.56 -1.57 1.52

CALVERTON___SOLAR 323806	25.61 1.27 -5.55	20.42 1.15 0.00	18.34 1.05 0.00	17.84 0.96 0.00	17.39 0.91 0.00	15.19 0.82 0.00	13.06 0.72 0.00	19.82 1.10 0.00	16.25 0.92 0.00	19.56 1.02 0.00	14.78 0.90 0.00	17.24 1.03 0.00	20.24 1.16 0.00	17.22 0.99 0.00	18.14 1.21 -0.29	15.03 1.08 0.00	21.07 1.55 0.00	26.63 1.92 0.00	33.30 2.39 0.00	29.98 2.17 0.00	32.88 2.40 0.00	27.36 1.98 0.00	19.82 1.34 0.00	16.73 1.08 0.00
CANDIGU_WT_PWR 323617	15.67 -1.33 1.78	18.03 -1.24 0.00	14.29 -1.25 1.75	14.25 -1.07 1.56	15.56 -0.92 0.00	13.60 -0.77 0.00	11.69 -0.65 0.00	17.60 -1.12 0.00	14.32 -1.00 0.00	17.32 -1.23 0.00	12.86 -1.03 0.00	15.01 -1.19 0.00	16.65 -1.44 0.99	10.12 -1.25 4.86	10.55 -1.36 4.74	12.04 -1.09 0.82	16.89 -1.55 1.09	22.96 -1.75 0.00	28.64 -2.27 0.00	20.11 -1.89 5.81	28.41 -1.98 0.09	23.61 -1.77 0.00	15.76 -1.34 1.38	11.91 -1.19 2.55
CARR STREET_E_SYR 24060	18.54 -0.25 0.00	19.00 -0.27 0.00	17.03 -0.25 0.00	16.63 -0.24 0.00	16.24 -0.23 0.00	14.17 -0.20 0.00	12.18 -0.16 0.00	18.47 -0.25 0.00	15.09 -0.24 0.00	18.25 -0.29 0.00	13.67 -0.21 0.00	15.98 -0.23 0.00	18.80 -0.28 0.00	16.00 -0.23 0.00	16.36 -0.29 0.00	13.70 -0.24 0.00	19.18 -0.35 0.00	24.27 -0.44 0.00	30.32 -0.60 0.00	27.32 -0.49 0.00	29.94 -0.54 0.00	24.88 -0.50 0.00	18.13 -0.35 0.00	15.34 -0.31 0.00
CARTHAGE___PAPER 23857	18.79 0.00 0.00	19.14 -0.13 0.00	16.91 -0.38 0.00	16.33 -0.54 0.00	18.25 -0.50 -2.28	14.07 -0.50 -0.20	12.39 -0.46 -0.52	20.88 -0.26 -2.42	15.70 -0.13 -0.50	19.50 -0.26 -1.21	10.00 -0.64 3.24	7.76 -0.84 7.61	11.59 -0.98 6.51	7.74 -0.85 7.64	8.19 -0.77 7.69	6.21 -0.42 7.32	11.12 -0.39 8.01	22.31 -0.71 1.70	30.24 -0.67 0.00	27.78 -0.03 0.00	32.41 0.44 -1.49	28.03 -0.16 -2.83	19.81 -0.50 -1.83	17.18 -0.31 -1.84
CASSADAGA_WT_PWR 323784	16.27 -1.43 1.09	17.91 -1.36 0.00	14.90 -1.32 1.07	14.60 -1.32 0.95	15.33 -1.15 0.00	13.32 -1.05 0.00	11.41 -0.94 0.00	17.29 -1.43 0.00	14.17 -1.16 0.00	17.18 -1.36 0.00	12.81 -1.07 0.00	14.96 -1.25 0.00	16.85 -1.63 0.60	11.87 -1.39 2.97	12.08 -1.67 2.90	12.10 -1.34 0.51	16.94 -1.90 0.69	22.66 -2.06 0.00	28.37 -2.55 0.00	21.77 -2.11 3.93	28.20 -2.22 0.06	23.17 -2.20 0.00	15.81 -1.72 0.95	12.34 -1.58 1.73
CE_DUNWOOD___DRP 24194	19.51 0.72 0.00	19.99 0.72 0.00	17.94 0.66 0.00	17.52 0.65 0.00	17.08 0.61 0.00	14.90 0.53 0.00	12.80 0.46 0.00	19.39 0.67 0.00	15.93 0.60 0.00	19.29 0.74 0.00	14.54 0.66 0.00	16.97 0.76 0.00	19.98 0.91 0.00	17.03 0.81 0.00	17.85 0.90 -0.30	14.73 0.78 0.00	20.63 1.10 0.00	26.07 1.36 0.00	32.54 1.63 0.00	29.24 1.43 0.00	32.02 1.55 0.00	26.70 1.33 0.00	19.40 0.92 0.00	16.42 0.77 0.00
CE_MILLWOOD___DRP 24193	19.44 0.66 0.00	19.92 0.66 0.00	17.88 0.59 0.00	17.46 0.59 0.00	17.03 0.55 0.00	14.85 0.48 0.00	12.76 0.41 0.00	19.33 0.61 0.00	15.87 0.55 0.00	19.22 0.67 0.00	14.48 0.60 0.00	16.90 0.69 0.00	19.91 0.83 0.00	16.97 0.74 0.00	17.62 0.83 -0.14	14.66 0.71 0.00	20.55 1.02 0.00	25.99 1.28 0.00	32.44 1.53 0.00	29.14 1.34 0.00	31.92 1.44 0.00	26.62 1.24 0.00	19.34 0.85 0.00	16.36 0.71 0.00
CE_NYC2_DRP 24202	19.61 0.82 0.00	20.09 0.82 0.00	18.04 0.74 -0.01	17.63 0.75 0.00	17.18 0.70 0.00	14.98 0.61 0.00	12.86 0.52 0.00	19.48 0.76 0.00	16.02 0.68 -0.01	19.40 0.86 0.00	14.64 0.76 0.00	17.09 0.88 0.00	20.12 1.05 0.00	17.18 0.95 0.00	17.98 1.05 -0.28	14.84 0.89 0.00	20.77 1.24 0.00	26.20 1.49 0.00	32.69 1.77 0.00	29.35 1.54 0.00	32.15 1.67 0.00	26.82 1.44 0.00	19.52 1.03 -0.01	16.52 0.87 -0.01
CE_NYC_DRP 24195	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.71 0.00	15.97 0.64 0.00	19.35 0.81 0.00	14.60 0.72 0.00	17.04 0.82 0.00	20.08 1.00 0.00	17.13 0.90 0.00	17.93 1.00 -0.28	14.81 0.86 0.00	20.74 1.21 0.00	26.16 1.45 0.00	32.65 1.74 0.00	29.33 1.52 0.00	32.11 1.63 0.00	26.78 1.41 0.00	19.47 0.99 0.00	16.47 0.82 0.00
CHAFFEE___LFGE 323603	16.42 -1.33 1.04	17.94 -1.32 0.00	15.03 -1.24 1.02	14.75 -1.22 0.91	15.30 -1.17 0.00	13.35 -1.03 0.00	11.47 -0.87 0.00	17.39 -1.34 0.00	14.12 -1.21 0.00	17.26 -1.28 0.00	12.97 -0.91 0.00	15.14 -1.07 0.00	17.19 -1.31 0.57	12.36 -1.05 2.82	12.67 -1.22 2.76	12.47 -0.99 0.48	17.34 -1.54 0.65	22.89 -1.82 0.00	28.52 -2.40 0.00	22.04 -2.05 3.72	28.14 -2.28 0.06	23.27 -2.10 0.00	16.03 -1.55 0.90	12.55 -1.46 1.64
CHATEAUG_35_KV_LOAD 355732	18.37 -0.41 0.00	18.72 -0.54 0.00	16.65 -0.64 0.00	16.26 -0.61 0.00	-23.74 -0.71 39.51	10.51 -0.48 3.38	2.97 -0.41 8.95	-23.88 -0.74 41.86	6.11 -0.49 8.73	-3.03 -0.60 20.97	-9.59 -0.53 22.94	-19.99 -0.57 35.63	-11.43 -0.52 29.99	-19.80 -0.55 35.49	-20.16 -0.67 36.14	-20.47 -0.54 33.88	-20.02 -0.74 38.80	5.89 -0.82 18.00	30.46 -0.45 0.00	27.62 -0.19 0.00	3.97 -0.66 25.85	-24.37 -0.81 48.93	-13.89 -0.62 31.75	-16.81 -0.55 31.91
CHATEAUG_WT_PWR 323614	18.34 -0.45 0.00	18.67 -0.60 0.00	16.60 -0.69 0.00	16.21 -0.66 0.00	-21.03 -0.76 36.74	10.71 -0.52 3.15	3.57 -0.45 8.33	-21.02 -0.81 38.93	6.67 -0.54 8.11	-1.63 -0.67 19.50	-9.57 -0.56 22.89	-20.88 -0.65 36.44	-12.16 -0.53 30.70	-20.62 -0.54 36.31	-20.99 -0.69 36.95	-21.21 -0.48 34.67	-20.86 -0.80 39.59	6.14 -0.90 17.68	30.36 -0.55 0.00	27.57 -0.24 0.00	5.66 -0.78 24.04	-21.11 -0.98 45.50	-11.74 -0.70 29.52	-14.63 -0.61 29.67
CHAT_HIGH_FALL_HYD 323578	18.37 -0.41 0.00	18.72 -0.54 0.00	16.65 -0.64 0.00	16.26 -0.61 0.00	-23.74 -0.71 39.51	10.51 -0.48 3.38	2.97 -0.41 8.95	-23.88 -0.74 41.86	6.11 -0.49 8.73	-3.03 -0.60 20.97	-9.59 -0.53 22.94	-19.99 -0.57 35.63	-11.43 -0.52 29.99	-19.80 -0.55 35.49	-20.16 -0.67 36.14	-20.47 -0.54 33.88	-20.02 -0.74 38.80	5.89 -0.82 18.00	30.46 -0.45 0.00	27.62 -0.19 0.00	3.97 -0.66 25.85	-24.37 -0.81 48.93	-13.89 -0.62 31.75	-16.81 -0.55 31.91
CHAUTAUQUA___LFGE 323629	16.27 -1.49 1.03	17.85 -1.42 0.00	14.91 -1.37 1.01	14.64 -1.34 0.90	15.22 -1.26 0.00	13.25 -1.12 0.00	11.39 -0.95 0.00	17.25 -1.47 0.00	14.10 -1.23 0.00	17.13 -1.41 0.00	12.82 -1.06 0.00	14.99 -1.22 0.00	16.98 -1.52 0.57	12.11 -1.31 2.81	12.35 -1.55 2.74	12.24 -1.23 0.48	17.10 -1.78 0.65	22.73 -1.98 0.00	28.33 -2.59 0.00	21.91 -2.21 3.68	28.12 -2.30 0.06	23.21 -2.16 0.00	15.91 -1.67 0.89	12.48 -1.54 1.62
CHERRYST_13_KV_LD 356241	19.60 0.81 0.00	20.09 0.82 0.00	18.02 0.73 0.00	17.61 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.85 0.51 0.00	19.48 0.75 0.00	16.00 0.67 0.00	19.40 0.86 0.00	14.64 0.76 0.00	17.08 0.87 0.00	20.13 1.05 0.00	17.17 0.94 0.00	17.98 1.05 -0.28	14.85 0.90 0.00	20.79 1.27 0.00	26.23 1.52 0.00	32.74 1.82 0.00	29.40 1.59 0.00	32.19 1.71 0.00	26.84 1.47 0.00	19.51 1.03 0.00	16.51 0.86 0.00

CHESTROR_138KV_BK263 355645	19.28 0.49 0.00	19.76 0.49 0.00	17.73 0.45 0.00	17.31 0.43 0.00	16.89 0.42 0.00	14.73 0.36 0.00	12.66 0.32 0.00	19.18 0.46 0.00	15.74 0.41 0.00	19.03 0.48 0.00	14.31 0.43 0.00	16.71 0.50 0.00	19.69 0.61 0.00	16.77 0.54 0.00	16.97 0.61 0.28	14.47 0.53 0.00	20.31 0.78 0.00	25.72 1.01 0.00	32.13 1.22 0.00	28.87 1.07 0.00	31.63 1.15 0.00	26.37 1.00 0.00	19.15 0.67 0.00	16.20 0.55 0.00
CH_MIDHUDSON___DRP 24192	19.50 0.72 0.00	19.98 0.72 0.00	17.94 0.66 0.00	17.52 0.65 0.00	17.08 0.61 0.00	14.90 0.53 0.00	12.80 0.46 0.00	19.40 0.67 0.00	15.93 0.60 0.00	19.27 0.73 0.00	14.50 0.62 0.00	16.92 0.71 0.00	19.93 0.86 0.00	16.99 0.76 0.00	17.49 0.84 0.00	14.67 0.72 0.00	20.58 1.05 0.00	26.03 1.32 0.00	32.50 1.58 0.00	29.22 1.41 0.00	32.00 1.52 0.00	26.67 1.30 0.00	19.38 0.89 0.00	16.40 0.75 0.00
CH_MISC_IPPS 23765	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.70 0.00	17.56 0.68 0.00	17.12 0.65 0.00	14.93 0.56 0.00	12.84 0.49 0.00	19.45 0.73 0.00	15.96 0.63 0.00	19.31 0.77 0.00	14.53 0.65 0.00	16.96 0.75 0.00	19.99 0.91 0.00	17.03 0.80 0.00	17.53 0.88 0.00	14.71 0.76 0.00	20.64 1.12 0.00	26.14 1.43 0.00	32.65 1.74 0.00	29.35 1.54 0.00	32.14 1.66 0.00	26.78 1.41 0.00	19.44 0.96 0.00	16.44 0.79 0.00
CH_RES_BVR_FALLS 23983	18.57 -0.22 0.00	19.04 -0.23 0.00	17.03 -0.25 0.00	16.67 -0.21 0.00	16.26 -0.21 0.00	14.17 -0.21 0.00	12.12 -0.23 0.00	18.49 -0.23 0.00	15.22 -0.11 0.00	18.42 -0.12 0.00	-12.22 -0.26 25.84	-38.81 -0.32 54.70	-27.90 -0.36 46.61	-38.88 -0.25 54.86	-38.90 -0.21 55.34	-38.80 -0.21 52.53	-38.83 -0.32 58.03	8.76 -0.47 15.48	30.50 -0.41 0.00	27.42 -0.39 0.00	30.12 -0.36 0.00	25.03 -0.34 0.00	18.25 -0.23 0.00	15.50 -0.15 0.00
CH_RES_NIAGARA 23895	15.87 -2.07 0.84	17.13 -2.14 0.00	14.50 -1.96 0.83	14.18 -1.95 0.74	14.56 -1.91 0.00	12.70 -1.67 0.00	10.91 -1.44 0.00	16.56 -2.16 0.00	13.43 -1.90 0.00	16.45 -2.09 0.00	12.42 -1.46 0.00	14.49 -1.72 0.00	16.53 -2.08 0.46	12.29 -1.65 2.29	12.56 -1.86 2.24	12.02 -1.53 0.39	16.66 -2.35 0.52	21.73 -2.98 0.00	27.03 -3.88 0.00	21.37 -3.46 2.98	26.63 -3.81 0.05	22.02 -3.36 0.00	15.29 -2.46 0.72	11.98 -2.35 1.32
CH_RES_SYRACUSE 23985	18.64 -0.15 0.00	19.11 -0.16 0.00	17.13 -0.16 0.00	16.73 -0.15 0.00	16.35 -0.13 0.00	14.26 -0.12 0.00	12.26 -0.08 0.00	18.59 -0.13 0.00	15.17 -0.16 0.00	18.36 -0.18 0.00	13.75 -0.13 0.00	16.07 -0.14 0.00	18.90 -0.18 0.00	16.09 -0.14 0.00	16.45 -0.20 0.00	13.77 -0.18 0.00	19.27 -0.25 0.00	24.43 -0.28 0.00	30.52 -0.39 0.00	27.51 -0.30 0.00	30.15 -0.33 0.00	25.05 -0.33 0.00	18.26 -0.22 0.00	15.45 -0.19 0.00
CLINTON_WT_PWR 323605	18.34 -0.45 0.00	18.67 -0.60 0.00	16.60 -0.69 0.00	16.21 -0.66 0.00	-21.03 -0.76 36.74	10.71 -0.52 3.15	3.57 -0.45 8.33	-21.02 -0.81 38.93	6.67 -0.54 8.11	-1.63 -0.67 19.50	-9.57 -0.56 22.89	-20.88 -0.65 36.44	-12.16 -0.53 30.70	-20.62 -0.54 36.31	-20.99 -0.69 36.95	-21.21 -0.48 34.67	-20.86 -0.80 39.59	6.14 -0.90 17.68	30.36 -0.55 0.00	27.57 -0.24 0.00	5.66 -0.78 24.04	-21.11 -0.98 45.50	-11.74 -0.70 29.52	-14.63 -0.61 29.67
CLINTON___LFGE 323618	18.47 -0.32 0.00	18.76 -0.50 0.00	16.69 -0.60 0.00	16.28 -0.59 0.00	-21.66 -0.68 37.46	10.71 -0.45 3.21	3.49 -0.36 8.49	-21.70 -0.73 39.69	6.63 -0.43 8.27	-1.83 -0.48 19.89	-9.46 -0.44 22.91	-20.51 -0.49 36.23	-11.81 -0.37 30.52	-20.21 -0.35 36.10	-20.62 -0.53 36.74	-20.83 -0.31 34.46	-20.42 -0.56 39.38	6.35 -0.60 17.76	30.72 -0.19 0.00	27.90 0.09 0.00	5.61 -0.35 24.52	-21.66 -0.64 46.40	-12.17 -0.54 30.11	-15.06 -0.45 30.25
COBBLENY_34_KV_TB1 80064	16.43 -1.32 1.04	17.95 -1.32 0.00	15.03 -1.24 1.02	14.74 -1.22 0.91	15.30 -1.17 0.00	13.35 -1.02 0.00	11.47 -0.87 0.00	17.39 -1.34 0.00	14.12 -1.21 0.00	17.26 -1.28 0.00	12.97 -0.91 0.00	15.14 -1.07 0.00	17.20 -1.31 0.57	12.36 -1.05 2.82	12.68 -1.22 2.76	12.47 -0.99 0.48	17.35 -1.52 0.65	22.89 -1.82 0.00	28.52 -2.40 0.00	22.05 -2.04 3.72	28.14 -2.28 0.06	23.26 -2.11 0.00	16.03 -1.55 0.90	12.55 -1.46 1.64
COFFEEN___115KV_TB3 355620	18.88 0.10 0.00	19.23 -0.04 0.00	16.98 -0.31 0.00	16.36 -0.51 0.00	17.89 -0.48 -1.90	14.06 -0.47 -0.16	12.36 -0.41 -0.43	20.59 -0.14 -2.01	15.65 -0.10 -0.42	19.27 -0.28 -1.01	10.56 -0.65 2.67	9.17 -0.76 6.28	12.77 -0.94 5.37	9.12 -0.80 6.31	9.60 -0.70 6.35	7.51 -0.40 6.04	12.59 -0.32 6.61	22.71 -0.61 1.40	30.33 -0.58 0.00	27.92 0.11 0.00	32.31 0.59 -1.24	27.66 -0.06 -2.35	19.57 -0.44 -1.53	16.91 -0.27 -1.54
COLDSPRG_115KV_BK1 355956	16.76 -0.84 1.19	18.46 -0.81 0.00	15.30 -0.82 1.17	15.05 -0.78 1.04	15.79 -0.68 0.00	13.74 -0.63 0.00	11.82 -0.52 0.00	17.95 -0.77 0.00	14.66 -0.67 0.00	17.84 -0.70 0.00	13.33 -0.55 0.00	15.56 -0.65 0.00	17.53 -0.89 0.65	12.24 -0.76 3.23	12.56 -0.93 3.15	12.62 -0.77 0.55	17.67 -1.11 0.75	23.54 -1.17 0.00	29.39 -1.52 0.00	22.27 -1.23 4.31	29.06 -1.35 0.07	23.98 -1.39 0.00	16.38 -1.07 1.04	12.76 -0.99 1.90
COLONIE_LFGE___ 323577	19.51 0.73 0.00	20.02 0.75 0.00	18.01 0.72 0.00	17.58 0.71 0.00	17.16 0.68 0.00	14.93 0.56 0.00	12.83 0.48 0.00	19.45 0.73 0.00	15.94 0.61 0.00	19.22 0.68 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.78 0.70 0.00	16.84 0.61 0.00	17.33 0.68 0.00	14.53 0.58 0.00	20.36 0.84 0.00	25.72 1.01 0.00	32.12 1.20 0.00	28.92 1.11 0.00	31.75 1.26 0.00	26.45 1.08 0.00	19.25 0.77 0.00	16.30 0.66 0.00
COOPERNY_115KV_TB1 80082	19.10 0.31 0.00	19.57 0.30 0.00	17.57 0.28 0.00	17.16 0.28 0.00	16.74 0.27 0.00	14.61 0.24 0.00	12.56 0.21 0.00	19.02 0.30 0.00	15.59 0.26 0.00	18.85 0.31 0.00	14.17 0.29 0.00	16.54 0.33 0.00	19.48 0.41 0.00	16.58 0.35 0.00	16.90 0.40 0.15	14.30 0.36 0.00	20.06 0.53 0.00	25.40 0.68 0.00	31.73 0.82 0.00	28.52 0.71 0.00	31.25 0.77 0.00	26.04 0.67 0.00	18.93 0.45 0.00	16.02 0.37 0.00
COPENHAGEN_WT_PWR 323753	18.70 -0.09 0.00	19.04 -0.23 0.00	16.76 -0.53 0.00	16.10 -0.77 0.00	17.52 -0.75 -1.80	13.81 -0.72 -0.15	12.13 -0.62 -0.41	20.25 -0.37 -1.90	15.50 -0.22 -0.40	19.07 -0.42 -0.95	10.52 -0.84 2.52	9.26 -1.03 5.92	12.78 -1.23 5.06	9.22 -1.06 5.95	9.68 -0.98 5.99	7.62 -0.62 5.70	12.63 -0.66 6.24	22.25 -1.14 1.32	29.67 -1.25 0.00	27.40 -0.41 0.00	31.78 0.13 -1.18	27.13 -0.47 -2.22	19.16 -0.77 -1.44	16.61 -0.49 -1.45
CORNELL_____ 23752	23.90 0.05 -5.06	19.27 0.01 0.00	22.24 -0.02 -4.98	21.31 0.00 -4.43	16.48 0.01 0.00	14.39 0.02 0.00	12.39 0.05 0.00	18.78 0.07 0.00	15.32 -0.02 0.00	18.42 -0.13 0.00	13.77 -0.11 0.00	16.07 -0.13 0.00	21.69 -0.19 -2.80	29.87 -0.18 -13.82	29.96 -0.21 -13.52	16.21 -0.15 -2.42	22.64 -0.15 -3.27	24.64 -0.07 0.00	31.00 0.09 0.00	47.25 0.20 -19.25	31.03 0.25 -0.30	25.48 0.11 0.00	23.05 0.02 -4.55	24.05 -0.01 -8.40

CORONA__69_KV_TB1 355595	25.39 1.06 -5.55	20.30 1.04 0.00	18.20 0.91 0.00	17.73 0.86 0.00	17.28 0.81 0.00	15.08 0.71 0.00	12.95 0.61 0.00	19.63 0.91 0.00	16.12 0.79 0.00	19.47 0.92 0.00	14.70 0.82 0.00	17.16 0.95 0.00	20.17 1.10 0.00	17.18 0.95 0.00	18.06 1.12 -0.29	14.91 0.96 0.00	20.86 1.33 0.00	26.41 1.70 0.00	32.97 2.06 0.00	29.65 1.84 0.00	32.48 2.00 0.00	27.12 1.74 0.00	19.71 1.23 0.00	16.65 1.00 0.00
CORTLAND__115KV_TB3 80093	20.17 -0.03 -1.41	19.22 -0.05 0.00	18.60 -0.07 -1.39	18.05 -0.05 -1.23	16.42 -0.05 0.00	14.34 -0.03 0.00	12.34 -0.01 0.00	18.71 -0.01 0.00	15.27 -0.06 0.00	18.43 -0.11 0.00	13.78 -0.10 0.00	16.09 -0.11 0.00	19.71 -0.14 -0.78	19.95 -0.14 -3.86	20.27 -0.16 -3.77	14.51 -0.11 -0.67	20.32 -0.12 -0.91	24.64 -0.07 0.00	30.85 -0.07 0.00	33.19 0.01 -5.37	30.61 0.05 -0.08	25.34 -0.04 0.00	19.70 -0.06 -1.27	17.93 -0.06 -2.35
COXSACKIE__GT 23611	19.91 1.12 0.00	20.46 1.19 0.00	18.47 1.18 0.00	18.04 1.16 0.00	17.59 1.11 0.00	15.31 0.94 0.00	13.17 0.82 0.00	19.98 1.26 0.00	16.27 0.94 0.00	19.35 0.81 0.00	14.36 0.48 0.00	16.83 0.62 0.00	19.84 0.77 0.00	16.77 0.54 0.00	17.28 0.63 0.00	14.64 0.69 0.00	20.53 1.01 0.00	26.16 1.44 0.00	32.97 2.06 0.00	29.85 2.04 0.00	32.64 2.16 0.00	27.12 1.75 0.00	19.70 1.22 0.00	16.66 1.01 0.00
CPV_VALLEY__CC1 323721	19.16 0.37 0.00	19.64 0.37 0.00	17.63 0.34 0.00	17.21 0.33 0.00	16.79 0.31 0.00	14.65 0.28 0.00	12.60 0.25 0.00	19.06 0.34 0.00	15.65 0.32 0.00	18.91 0.37 0.00	14.24 0.36 0.00	16.62 0.41 0.00	19.57 0.49 0.00	16.66 0.44 0.00	16.93 0.50 0.22	14.38 0.44 0.00	20.17 0.65 0.00	25.54 0.83 0.00	31.89 0.98 0.00	28.65 0.85 0.00	31.39 0.91 0.00	26.17 0.80 0.00	19.01 0.53 0.00	16.09 0.45 0.00
CPV_VALLEY__CC2 323722	19.16 0.37 0.00	19.64 0.37 0.00	17.63 0.34 0.00	17.21 0.33 0.00	16.79 0.31 0.00	14.65 0.28 0.00	12.60 0.25 0.00	19.06 0.34 0.00	15.65 0.32 0.00	18.91 0.37 0.00	14.24 0.36 0.00	16.62 0.41 0.00	19.57 0.49 0.00	16.66 0.44 0.00	16.93 0.50 0.22	14.38 0.44 0.00	20.17 0.65 0.00	25.54 0.83 0.00	31.89 0.98 0.00	28.65 0.85 0.00	31.39 0.91 0.00	26.17 0.80 0.00	19.01 0.53 0.00	16.09 0.45 0.00
CRESCENT__HYD 24018	19.51 0.73 0.00	20.02 0.75 0.00	18.01 0.72 0.00	17.58 0.71 0.00	17.16 0.68 0.00	14.93 0.56 0.00	12.83 0.48 0.00	19.45 0.73 0.00	15.94 0.61 0.00	19.22 0.68 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.78 0.70 0.00	16.84 0.61 0.00	17.33 0.68 0.00	14.53 0.58 0.00	20.36 0.84 0.00	25.72 1.01 0.00	32.12 1.20 0.00	28.92 1.11 0.00	31.75 1.26 0.00	26.45 1.08 0.00	19.25 0.77 0.00	16.30 0.66 0.00
CRICKET__VALLEY_CC1 323756	19.42 0.63 0.00	19.91 0.64 0.00	17.89 0.60 0.00	17.48 0.61 0.00	17.03 0.56 0.00	14.84 0.46 0.00	12.75 0.40 0.00	19.31 0.59 0.00	15.88 0.55 0.00	19.22 0.68 0.00	14.47 0.59 0.00	16.87 0.66 0.00	19.87 0.79 0.00	16.94 0.71 0.00	17.55 0.78 -0.12	14.61 0.67 0.00	20.48 0.96 0.00	25.86 1.15 0.00	32.24 1.33 0.00	29.02 1.21 0.00	31.80 1.32 0.00	26.52 1.15 0.00	19.28 0.80 0.00	16.35 0.70 0.00
CRICKET__VALLEY_CC2 323757	19.42 0.63 0.00	19.91 0.64 0.00	17.89 0.60 0.00	17.48 0.61 0.00	17.03 0.56 0.00	14.84 0.46 0.00	12.75 0.40 0.00	19.31 0.59 0.00	15.88 0.55 0.00	19.22 0.68 0.00	14.47 0.59 0.00	16.87 0.66 0.00	19.87 0.79 0.00	16.94 0.71 0.00	17.55 0.78 -0.12	14.61 0.67 0.00	20.48 0.96 0.00	25.86 1.15 0.00	32.24 1.33 0.00	29.02 1.21 0.00	31.80 1.32 0.00	26.52 1.15 0.00	19.28 0.80 0.00	16.35 0.70 0.00
CRICKET__VALLEY_CC3 323758	19.42 0.63 0.00	19.91 0.64 0.00	17.89 0.60 0.00	17.48 0.61 0.00	17.03 0.56 0.00	14.84 0.46 0.00	12.75 0.40 0.00	19.31 0.59 0.00	15.88 0.55 0.00	19.22 0.68 0.00	14.47 0.59 0.00	16.87 0.66 0.00	19.87 0.79 0.00	16.94 0.71 0.00	17.55 0.78 -0.12	14.61 0.67 0.00	20.48 0.96 0.00	25.86 1.15 0.00	32.24 1.33 0.00	29.02 1.21 0.00	31.80 1.32 0.00	26.52 1.15 0.00	19.28 0.80 0.00	16.35 0.70 0.00
CRUCIBLE__METL_DRP 24180	18.64 -0.15 0.00	19.11 -0.16 0.00	17.13 -0.15 0.00	16.73 -0.15 0.00	16.34 -0.13 0.00	14.26 -0.12 0.00	12.26 -0.08 0.00	18.59 -0.13 0.00	15.17 -0.16 0.00	18.36 -0.18 0.00	13.75 -0.13 0.00	16.07 -0.14 0.00	18.90 -0.18 0.00	16.09 -0.14 0.00	16.45 -0.20 0.00	13.77 -0.18 0.00	19.28 -0.25 0.00	24.43 -0.28 0.00	30.52 -0.39 0.00	27.51 -0.29 0.00	30.15 -0.33 0.00	25.05 -0.33 0.00	18.26 -0.22 0.00	15.45 -0.19 0.00
DAHOWA__HYDRO 323763	19.93 1.15 0.00	20.40 1.13 0.00	18.32 1.04 0.00	17.89 1.01 0.00	17.45 0.98 0.00	15.20 0.83 0.00	13.07 0.73 0.00	19.84 1.12 0.00	16.20 0.87 0.00	19.51 0.96 0.00	14.57 0.69 0.00	17.03 0.82 0.00	19.97 0.89 0.00	17.00 0.77 0.00	17.50 0.85 0.00	14.65 0.70 0.00	20.63 1.11 0.00	26.20 1.49 0.00	32.84 1.93 0.00	29.51 1.71 0.00	32.49 2.01 0.00	26.97 1.59 0.00	19.61 1.13 0.00	16.60 0.95 0.00
DANC__LFGE 323619	18.61 -0.18 0.00	18.99 -0.27 0.00	16.84 -0.45 0.00	16.29 -0.59 0.00	17.13 -0.57 -1.23	13.93 -0.55 -0.11	12.16 -0.46 -0.28	19.67 -0.36 -1.30	15.34 -0.26 -0.27	18.78 -0.41 -0.65	11.57 -0.62 1.69	11.50 -0.73 3.97	14.78 -0.90 3.40	11.46 -0.77 3.99	11.89 -0.74 4.02	9.62 -0.50 3.83	14.75 -0.59 4.19	22.88 -0.95 0.88	29.82 -1.09 0.00	27.28 -0.52 0.00	31.08 -0.21 -0.81	26.36 -0.54 -1.53	18.85 -0.62 -0.99	16.20 -0.44 -0.99
DANSKAMMER__1 23586	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.70 0.00	17.56 0.68 0.00	17.12 0.65 0.00	14.93 0.56 0.00	12.84 0.49 0.00	19.45 0.73 0.00	15.96 0.63 0.00	19.31 0.77 0.00	14.53 0.65 0.00	16.96 0.75 0.00	19.99 0.91 0.00	17.03 0.80 0.00	17.53 0.88 0.00	14.71 0.76 0.00	20.64 1.12 0.00	26.14 1.43 0.00	32.65 1.74 0.00	29.35 1.54 0.00	32.14 1.66 0.00	26.78 1.41 0.00	19.44 0.96 0.00	16.44 0.79 0.00
DANSKAMMER__2 23589	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.70 0.00	17.56 0.68 0.00	17.12 0.65 0.00	14.93 0.56 0.00	12.84 0.49 0.00	19.45 0.73 0.00	15.96 0.63 0.00	19.31 0.77 0.00	14.53 0.65 0.00	16.96 0.75 0.00	19.99 0.91 0.00	17.03 0.80 0.00	17.53 0.88 0.00	14.71 0.76 0.00	20.64 1.12 0.00	26.14 1.43 0.00	32.65 1.74 0.00	29.35 1.54 0.00	32.14 1.66 0.00	26.78 1.41 0.00	19.44 0.96 0.00	16.44 0.79 0.00
DANSKAMMER__3 23590	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.70 0.00	17.56 0.68 0.00	17.12 0.65 0.00	14.93 0.56 0.00	12.84 0.49 0.00	19.45 0.73 0.00	15.96 0.63 0.00	19.31 0.77 0.00	14.53 0.65 0.00	16.96 0.75 0.00	19.99 0.91 0.00	17.03 0.80 0.00	17.53 0.88 0.00	14.71 0.76 0.00	20.64 1.12 0.00	26.14 1.43 0.00	32.65 1.74 0.00	29.35 1.54 0.00	32.14 1.66 0.00	26.78 1.41 0.00	19.44 0.96 0.00	16.44 0.79 0.00

DANSKAMMER___4 23591	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.70 0.00	17.56 0.68 0.00	17.12 0.65 0.00	14.93 0.56 0.00	12.84 0.49 0.00	19.45 0.73 0.00	15.96 0.63 0.00	19.31 0.77 0.00	14.53 0.65 0.00	16.96 0.75 0.00	19.99 0.91 0.00	17.03 0.80 0.00	17.53 0.88 0.00	14.71 0.76 0.00	20.64 1.12 0.00	26.14 1.43 0.00	32.65 1.74 0.00	29.35 1.54 0.00	32.14 1.66 0.00	26.78 1.41 0.00	19.44 0.96 0.00	16.44 0.79 0.00
DANSKAMMER___DIESEL 23592	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.70 0.00	17.56 0.68 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.84 0.49 0.00	19.45 0.73 0.00	15.96 0.64 0.00	19.31 0.77 0.00	14.53 0.65 0.00	16.96 0.75 0.00	19.98 0.91 0.00	17.03 0.80 0.00	17.53 0.88 0.00	14.71 0.76 0.00	20.64 1.12 0.00	26.14 1.43 0.00	32.65 1.74 0.00	29.35 1.54 0.00	32.14 1.66 0.00	26.78 1.41 0.00	19.44 0.96 0.00	16.44 0.80 0.00
DARBY___SOLAR 323810	19.84 1.05 0.00	20.31 1.04 0.00	18.25 0.96 0.00	17.81 0.94 0.00	17.38 0.91 0.00	15.13 0.76 0.00	13.01 0.67 0.00	19.74 1.02 0.00	16.12 0.80 0.00	19.42 0.87 0.00	14.50 0.62 0.00	16.95 0.74 0.00	19.88 0.80 0.00	16.94 0.71 0.00	17.43 0.78 0.00	14.59 0.64 0.00	20.54 1.02 0.00	26.07 1.36 0.00	32.67 1.75 0.00	29.37 1.56 0.00	32.32 1.84 0.00	26.84 1.47 0.00	19.52 1.04 0.00	16.53 0.88 0.00
DASHVILLE___HYD 23610	19.35 0.56 0.00	19.81 0.54 0.00	17.77 0.48 0.00	17.34 0.47 0.00	16.91 0.43 0.00	14.75 0.38 0.00	12.67 0.33 0.00	19.21 0.49 0.00	15.78 0.45 0.00	19.12 0.58 0.00	14.41 0.53 0.00	16.80 0.59 0.00	19.81 0.73 0.00	16.89 0.66 0.00	17.37 0.73 0.00	14.57 0.62 0.00	20.45 0.92 0.00	25.87 1.16 0.00	32.31 1.39 0.00	29.02 1.22 0.00	31.80 1.32 0.00	26.50 1.13 0.00	19.23 0.75 0.00	16.27 0.62 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	25.80 1.47 -5.55	20.53 1.27 0.00	18.47 1.18 0.00	17.94 1.07 0.00	17.49 1.02 0.00	15.33 0.97 0.00	13.21 0.87 0.00	20.04 1.32 0.00	16.41 1.08 0.00	19.81 1.27 0.00	15.01 1.12 0.00	17.51 1.30 0.00	20.54 1.47 0.00	17.46 1.23 0.00	18.35 1.41 -0.29	15.20 1.25 0.00	21.27 1.75 0.00	26.83 2.12 0.00	33.52 2.61 0.00	30.19 2.38 0.00	33.21 2.73 0.00	27.51 2.14 0.00	19.94 1.46 0.00	16.84 1.19 0.00
DELAWARE___LFGE 323621	19.33 0.29 -0.25	19.54 0.27 0.00	17.81 0.27 -0.25	17.35 0.25 -0.22	16.73 0.25 0.00	14.61 0.24 0.00	12.55 0.20 0.00	19.04 0.32 0.00	15.58 0.25 0.00	18.83 0.28 0.00	14.12 0.24 0.00	16.49 0.28 0.00	19.55 0.33 -0.14	17.21 0.33 -0.71	17.64 0.30 -0.70	14.33 0.26 -0.12	20.05 0.40 -0.13	25.24 0.53 0.00	31.59 0.67 0.00	28.42 0.60 0.00	31.15 0.66 0.00	25.89 0.52 0.00	18.80 0.32 0.00	15.93 0.28 0.00
DERFIELD_115KV_TB7 355931	18.82 0.04 0.00	19.30 0.04 0.00	17.32 0.04 0.00	16.91 0.04 0.00	16.51 0.04 0.00	14.40 0.02 0.00	12.37 0.02 0.00	18.76 0.04 0.00	15.36 0.03 0.00	18.58 0.04 0.00	14.76 0.02 -0.86	18.04 0.01 -1.81	20.65 0.03 -1.54	18.08 0.03 -1.82	18.52 0.04 -1.83	15.72 0.03 -1.74	21.50 0.05 -1.92	25.28 0.05 -0.51	30.95 0.04 0.00	27.85 0.04 0.00	30.54 0.06 0.00	25.42 0.05 0.00	18.52 0.04 0.00	15.68 0.03 0.00
DOGLEVILLE___HYD 23807	18.93 0.15 0.00	19.39 0.13 0.00	17.53 0.24 0.00	17.16 0.29 0.00	16.72 0.25 0.00	14.56 0.19 0.00	12.56 0.22 0.00	18.92 0.20 0.00	15.33 0.00 0.00	18.35 -0.19 0.00	14.69 -0.05 -0.86	17.92 -0.10 -1.81	20.64 0.02 -1.54	17.90 -0.15 -1.82	18.39 -0.09 -1.83	15.65 -0.04 -1.74	21.78 0.33 -1.92	25.68 0.46 -0.51	31.49 0.57 0.00	28.44 0.63 0.00	31.22 0.74 0.00	26.02 0.65 0.00	18.88 0.40 0.00	15.97 0.32 0.00
DUNKIRK___115KV_TB_200 55889	16.28 -1.48 1.03	17.84 -1.43 0.00	14.90 -1.38 1.01	14.64 -1.34 0.90	15.21 -1.26 0.00	13.25 -1.12 0.00	11.40 -0.95 0.00	17.26 -1.46 0.00	14.09 -1.24 0.00	17.14 -1.40 0.00	12.84 -1.04 0.00	15.01 -1.20 0.00	17.01 -1.50 0.57	12.15 -1.29 2.79	12.40 -1.52 2.73	12.26 -1.21 0.48	17.14 -1.75 0.64	22.75 -1.96 0.00	28.33 -2.58 0.00	21.94 -2.21 3.66	28.10 -2.32 0.06	23.21 -2.16 0.00	15.93 -1.66 0.89	12.50 -1.53 1.61
DUNKIRK___1 23563	16.28 -1.48 1.03	17.84 -1.43 0.00	14.90 -1.38 1.01	14.64 -1.34 0.90	15.21 -1.26 0.00	13.25 -1.12 0.00	11.40 -0.95 0.00	17.26 -1.46 0.00	14.09 -1.24 0.00	17.14 -1.40 0.00	12.84 -1.04 0.00	15.01 -1.20 0.00	17.01 -1.50 0.57	12.15 -1.29 2.79	12.40 -1.52 2.73	12.26 -1.21 0.48	17.14 -1.75 0.64	22.75 -1.96 0.00	28.33 -2.58 0.00	21.94 -2.21 3.66	28.10 -2.32 0.06	23.21 -2.16 0.00	15.93 -1.66 0.89	12.50 -1.53 1.61
DUNKIRK___2 23564	16.28 -1.48 1.03	17.84 -1.43 0.00	14.90 -1.38 1.01	14.64 -1.34 0.90	15.21 -1.26 0.00	13.25 -1.12 0.00	11.40 -0.95 0.00	17.26 -1.46 0.00	14.09 -1.24 0.00	17.14 -1.40 0.00	12.84 -1.04 0.00	15.01 -1.20 0.00	17.01 -1.50 0.57	12.15 -1.29 2.79	12.40 -1.52 2.73	12.26 -1.21 0.48	17.14 -1.75 0.64	22.75 -1.96 0.00	28.33 -2.58 0.00	21.94 -2.21 3.66	28.10 -2.32 0.06	23.21 -2.16 0.00	15.93 -1.66 0.89	12.50 -1.53 1.61
DUNKIRK___3 23565	16.32 -1.46 1.00	17.85 -1.42 0.00	14.94 -1.36 0.99	14.68 -1.32 0.88	15.22 -1.25 0.00	13.27 -1.11 0.00	11.41 -0.93 0.00	17.29 -1.43 0.00	14.09 -1.24 0.00	17.16 -1.37 0.00	12.86 -1.02 0.00	15.03 -1.18 0.00	17.07 -1.45 0.55	12.27 -1.23 2.73	12.54 -1.43 2.67	12.33 -1.15 0.47	17.21 -1.69 0.63	22.78 -1.93 0.00	28.35 -2.56 0.00	22.03 -2.21 3.57	28.06 -2.37 0.06	23.19 -2.18 0.00	15.97 -1.65 0.87	12.56 -1.51 1.58
DUNKIRK___4 23566	16.32 -1.46 1.00	17.85 -1.42 0.00	14.94 -1.36 0.99	14.68 -1.32 0.88	15.22 -1.25 0.00	13.27 -1.11 0.00	11.41 -0.93 0.00	17.29 -1.43 0.00	14.09 -1.24 0.00	17.16 -1.37 0.00	12.86 -1.02 0.00	15.03 -1.18 0.00	17.07 -1.45 0.55	12.27 -1.23 2.73	12.54 -1.43 2.67	12.33 -1.15 0.47	17.21 -1.69 0.63	22.78 -1.93 0.00	28.35 -2.56 0.00	22.03 -2.21 3.57	28.06 -2.37 0.06	23.19 -2.18 0.00	15.97 -1.65 0.87	12.56 -1.51 1.58
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.54 0.75 0.00	20.03 0.76 0.00	17.97 0.68 0.00	17.55 0.68 0.00	17.11 0.64 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.70 0.00	15.96 0.63 0.00	19.32 0.78 0.00	14.57 0.69 0.00	17.00 0.79 0.00	20.03 0.95 0.00	17.07 0.84 0.00	17.88 0.94 -0.28	14.76 0.81 0.00	20.67 1.14 0.00	26.11 1.40 0.00	32.60 1.68 0.00	29.29 1.48 0.00	32.08 1.60 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.39 0.61 0.00	19.87 0.60 0.00	17.83 0.54 0.00	17.41 0.53 0.00	16.98 0.51 0.00	14.82 0.44 0.00	12.73 0.39 0.00	19.28 0.56 0.00	15.83 0.50 0.00	19.14 0.60 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.81 0.74 0.00	16.87 0.64 0.00	17.26 0.72 0.11	14.57 0.62 0.00	20.44 0.92 0.00	25.91 1.19 0.00	32.36 1.45 0.00	29.08 1.27 0.00	31.86 1.38 0.00	26.55 1.18 0.00	19.28 0.80 0.00	16.31 0.66 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.57 0.78 0.00	20.05 0.79 0.00	18.01 0.72 -0.01	17.60 0.73 0.00	17.15 0.67 0.00	14.94 0.57 0.00	12.83 0.49 0.00	19.43 0.70 0.00	15.98 0.64 -0.01	19.36 0.82 0.00	14.59 0.71 0.00	17.03 0.82 0.00	20.06 0.99 0.00	17.12 0.89 0.00	17.93 0.99 -0.28	14.78 0.83 0.00	20.69 1.17 0.00	26.16 1.45 0.00	32.62 1.70 0.00	29.29 1.48 0.00	32.09 1.61 0.00	26.77 1.39 0.00	19.45 0.97 -0.01	16.47 0.82 -0.01
E179THST_13_KV_LOAD 356214	19.65 0.86 0.00	20.13 0.86 0.00	18.08 0.78 -0.01	17.67 0.79 0.00	17.21 0.73 0.00	15.00 0.63 0.00	12.87 0.53 0.00	19.50 0.78 0.00	16.04 0.70 -0.01	19.44 0.89 0.00	14.65 0.77 0.00	17.10 0.89 0.00	20.14 1.07 0.00	17.19 0.96 0.00	17.99 1.06 -0.28	14.84 0.89 0.00	20.78 1.26 0.00	26.27 1.56 0.00	32.76 1.84 0.00	29.42 1.61 0.00	32.23 1.75 0.00	26.88 1.50 0.00	19.53 1.05 -0.01	16.53 0.88 -0.01
EAST HAMPTON___GT 23717	25.82 1.48 -5.55	20.49 1.22 0.00	18.45 1.16 0.00	17.89 1.02 0.00	17.46 0.98 0.00	15.36 0.99 0.00	13.27 0.92 0.00	20.10 1.38 0.00	16.41 1.08 0.00	19.86 1.32 0.00	15.09 1.21 0.00	17.61 1.40 0.00	20.63 1.56 0.00	17.52 1.29 0.00	18.36 1.42 -0.29	15.19 1.25 0.00	21.22 1.69 0.00	26.72 2.01 0.00	33.37 2.45 0.00	30.08 2.27 0.00	33.22 2.74 0.00	27.41 2.04 0.00	19.89 1.41 0.00	16.83 1.19 0.00
EAST RIVER___6 23660	19.58 0.79 0.00	20.07 0.80 0.00	18.00 0.71 0.00	17.59 0.72 0.00	17.15 0.67 0.00	14.95 0.58 0.00	12.83 0.49 0.00	19.46 0.74 0.00	15.99 0.66 0.00	19.38 0.84 0.00	14.62 0.74 0.00	17.07 0.86 0.00	20.11 1.04 0.00	17.16 0.93 0.00	17.96 1.03 -0.28	14.83 0.89 0.00	20.78 1.26 0.00	26.22 1.50 0.00	32.71 1.79 0.00	29.38 1.58 0.00	32.16 1.68 0.00	26.83 1.45 0.00	19.49 1.01 0.00	16.49 0.84 0.00
EAST RIVER___7 23524	19.58 0.79 0.00	20.07 0.80 0.00	18.00 0.71 0.00	17.59 0.72 0.00	17.15 0.67 0.00	14.95 0.58 0.00	12.83 0.49 0.00	19.46 0.74 0.00	15.99 0.66 0.00	19.38 0.84 0.00	14.62 0.74 0.00	17.07 0.86 0.00	20.11 1.04 0.00	17.16 0.93 0.00	17.96 1.03 -0.28	14.83 0.89 0.00	20.78 1.26 0.00	26.22 1.50 0.00	32.71 1.79 0.00	29.38 1.58 0.00	32.16 1.68 0.00	26.83 1.45 0.00	19.49 1.01 0.00	16.49 0.84 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.51 0.72 0.00	19.99 0.72 0.00	17.94 0.66 0.00	17.52 0.65 0.00	17.08 0.61 0.00	14.90 0.53 0.00	12.80 0.46 0.00	19.39 0.67 0.00	15.93 0.60 0.00	19.29 0.74 0.00	14.54 0.66 0.00	16.97 0.76 0.00	19.98 0.91 0.00	17.03 0.81 0.00	17.85 0.90 -0.30	14.73 0.78 0.00	20.63 1.10 0.00	26.07 1.36 0.00	32.54 1.63 0.00	29.24 1.43 0.00	32.02 1.55 0.00	26.70 1.33 0.00	19.40 0.92 0.00	16.42 0.77 0.00
EAST_HAMPTON___DIESEL 23722	25.80 1.46 -5.55	20.45 1.18 0.00	18.43 1.14 0.00	17.87 0.99 0.00	17.44 0.96 0.00	15.35 0.98 0.00	13.25 0.91 0.00	20.08 1.36 0.00	16.39 1.06 0.00	19.84 1.30 0.00	15.08 1.20 0.00	17.60 1.39 0.00	20.61 1.54 0.00	17.50 1.27 0.00	18.33 1.39 -0.29	15.17 1.23 0.00	21.18 1.66 0.00	26.67 1.96 0.00	33.29 2.38 0.00	30.02 2.21 0.00	33.19 2.70 0.00	27.36 1.99 0.00	19.86 1.38 0.00	16.81 1.17 0.00
EAST_POINT___SOLAR 323840	19.81 1.02 0.00	20.27 1.01 0.00	18.15 0.87 0.00	17.69 0.81 0.00	17.28 0.81 0.00	15.09 0.72 0.00	12.96 0.62 0.00	19.55 0.83 0.00	15.38 0.05 0.00	18.49 -0.05 0.00	14.07 0.19 0.00	16.47 0.26 0.00	19.45 0.37 0.00	16.51 0.28 0.00	17.10 0.45 0.00	14.28 0.34 0.00	20.36 0.84 0.00	26.02 1.31 0.00	32.84 1.93 0.00	29.63 1.82 0.00	32.46 1.98 0.00	26.90 1.53 0.00	19.49 1.01 0.00	16.44 0.79 0.00
EAST_PULASKI___ESR 323781	18.56 -0.23 0.00	18.99 -0.28 0.00	16.95 -0.34 0.00	16.49 -0.38 0.00	16.10 -0.37 0.00	14.02 -0.35 0.00	12.05 -0.29 0.00	18.41 -0.31 0.00	15.07 -0.26 0.00	18.18 -0.36 0.00	12.55 -0.37 0.96	13.76 -0.43 2.03	16.80 -0.54 1.73	13.74 -0.46 2.03	14.13 -0.47 2.05	11.64 -0.36 1.94	16.90 -0.48 2.15	23.43 -0.71 0.57	30.06 -0.86 0.00	27.24 -0.57 0.00	30.02 -0.46 0.00	24.81 -0.56 0.00	18.01 -0.47 0.00	15.27 -0.37 0.00
EAST_RIVER___1 323558	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.71 0.00	15.97 0.64 0.00	19.35 0.81 0.00	14.60 0.72 0.00	17.04 0.83 0.00	20.08 1.00 0.00	17.13 0.90 0.00	17.93 0.99 -0.28	14.80 0.86 0.00	20.74 1.21 0.00	26.16 1.45 0.00	32.65 1.74 0.00	29.32 1.52 0.00	32.11 1.63 0.00	26.78 1.41 0.00	19.47 0.99 0.00	16.47 0.82 0.00
EAST_RIVER___2 323559	19.58 0.79 0.00	20.07 0.80 0.00	18.00 0.71 0.00	17.59 0.72 0.00	17.15 0.67 0.00	14.95 0.58 0.00	12.83 0.49 0.00	19.46 0.74 0.00	15.99 0.66 0.00	19.38 0.84 0.00	14.62 0.74 0.00	17.07 0.86 0.00	20.11 1.04 0.00	17.16 0.93 0.00	17.96 1.03 -0.28	14.83 0.89 0.00	20.78 1.26 0.00	26.22 1.50 0.00	32.71 1.79 0.00	29.38 1.58 0.00	32.16 1.68 0.00	26.83 1.45 0.00	19.49 1.01 0.00	16.49 0.84 0.00
EAST___DELAWARE_HYD 23607	18.87 0.08 0.00	19.32 0.05 0.00	17.33 0.04 0.00	16.92 0.04 0.00	16.50 0.03 0.00	14.40 0.03 0.00	12.38 0.04 0.00	18.76 0.04 0.00	15.39 0.05 0.00	18.58 0.04 0.00	13.96 0.07 0.00	16.28 0.07 0.00	19.18 0.10 0.00	16.34 0.11 0.00	16.81 0.16 0.00	14.10 0.15 0.00	19.83 0.30 0.00	25.18 0.47 0.00	31.54 0.63 0.00	28.38 0.58 0.00	31.09 0.61 0.00	25.91 0.53 0.00	18.79 0.31 0.00	15.87 0.22 0.00
EIGHT_POINT___WT_PWR 323820	13.87 -1.93 2.99	17.21 -2.06 0.00	12.48 -1.87 2.94	13.00 -1.26 2.62	15.43 -1.04 0.00	13.19 -1.19 0.00	11.41 -0.93 0.00	16.98 -1.74 0.00	14.04 -1.29 0.00	16.68 -1.86 0.00	12.09 -1.79 0.00	14.17 -2.04 0.00	14.57 -2.85 1.65	5.65 -2.43 8.15	6.16 -2.51 7.97	10.40 -2.08 1.47	14.87 -2.70 1.95	21.52 -3.19 0.00	27.47 -3.44 0.00	14.20 -2.86 10.75	27.50 -2.81 0.17	22.53 -2.84 0.00	13.64 -2.29 2.55	8.94 -2.01 4.71
ELBRIDGE_115KV_TB2 80188	18.53 -0.25 0.00	19.00 -0.26 0.00	17.04 -0.25 0.00	16.62 -0.25 0.00	16.26 -0.22 0.00	14.18 -0.19 0.00	12.19 -0.15 0.00	18.49 -0.24 0.00	15.08 -0.25 0.00	18.24 -0.30 0.00	13.67 -0.21 0.00	15.95 -0.25 0.00	18.78 -0.30 0.00	15.99 -0.24 0.00	16.33 -0.32 0.00	13.67 -0.28 0.00	19.13 -0.40 0.00	24.26 -0.46 0.00	30.31 -0.61 0.00	27.32 -0.49 0.00	29.92 -0.55 0.00	24.87 -0.50 0.00	18.15 -0.33 0.00	15.37 -0.28 0.00
ELEC_TRO_TEK 24086	25.32 0.98 -5.55	20.23 0.97 0.00	18.13 0.84 0.00	17.68 0.80 0.00	17.23 0.76 0.00	15.03 0.66 0.00	12.91 0.57 0.00	19.57 0.85 0.00	16.08 0.75 0.00	19.41 0.87 0.00	14.66 0.78 0.00	17.11 0.90 0.00	20.12 1.04 0.00	17.13 0.90 0.00	18.01 1.08 -0.29	14.87 0.93 0.00	20.81 1.28 0.00	26.33 1.61 0.00	32.86 1.95 0.00	29.55 1.74 0.00	32.38 1.90 0.00	27.01 1.64 0.00	19.62 1.14 0.00	16.58 0.94 0.00

ELLENBURG_WT_PWR 323604	18.34 -0.45 0.00	18.67 -0.60 0.00	16.60 -0.69 0.00	16.21 -0.66 0.00	-21.03 -0.76 36.74	10.71 -0.52 3.15	3.57 -0.45 8.33	-21.02 -0.81 38.93	6.67 -0.54 8.11	-1.63 -0.67 19.50	-9.57 -0.56 22.89	-20.88 -0.65 36.44	-12.16 -0.53 30.70	-20.62 -0.54 36.31	-20.99 -0.69 36.95	-21.21 -0.48 34.67	-20.86 -0.80 39.59	6.14 -0.90 17.68	30.36 -0.55 0.00	27.57 -0.24 0.00	5.66 -0.78 24.04	-21.11 -0.98 45.50	-11.74 -0.70 29.52	-14.63 -0.61 29.67
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.28 -1.57 0.94	17.68 -1.59 0.00	14.88 -1.48 0.92	14.59 -1.46 0.82	15.07 -1.41 0.00	13.13 -1.24 0.00	11.28 -1.06 0.00	17.12 -1.60 0.00	13.90 -1.43 0.00	16.98 -1.56 0.00	12.78 -1.10 0.00	14.91 -1.30 0.00	16.98 -1.58 0.52	12.40 -1.27 2.56	12.70 -1.45 2.50	12.33 -1.19 0.44	17.12 -1.82 0.59	22.49 -2.22 0.00	28.01 -2.90 0.00	22.02 -2.51 3.28	27.62 -2.81 0.05	22.84 -2.54 0.00	15.82 -1.86 0.81	12.50 -1.70 1.45
EMPIRE_CC_1 323656	19.32 0.53 0.00	19.83 0.57 0.00	17.86 0.58 0.00	17.44 0.56 0.00	17.01 0.54 0.00	14.81 0.44 0.00	12.70 0.36 0.00	19.26 0.53 0.00	15.80 0.47 0.00	19.07 0.53 0.00	14.30 0.42 0.00	16.68 0.47 0.00	19.65 0.58 0.00	16.73 0.50 0.00	17.22 0.58 0.00	14.44 0.50 0.00	20.21 0.69 0.00	25.46 0.75 0.00	31.74 0.83 0.00	28.60 0.79 0.00	31.35 0.87 0.00	26.20 0.82 0.00	19.08 0.60 0.00	16.17 0.52 0.00
EMPIRE_CC_2 323658	19.32 0.53 0.00	19.83 0.57 0.00	17.86 0.58 0.00	17.44 0.56 0.00	17.01 0.54 0.00	14.81 0.44 0.00	12.70 0.36 0.00	19.26 0.53 0.00	15.80 0.47 0.00	19.07 0.53 0.00	14.30 0.42 0.00	16.68 0.47 0.00	19.65 0.58 0.00	16.73 0.50 0.00	17.22 0.58 0.00	14.44 0.50 0.00	20.21 0.69 0.00	25.46 0.75 0.00	31.74 0.83 0.00	28.60 0.79 0.00	31.35 0.87 0.00	26.20 0.82 0.00	19.08 0.60 0.00	16.17 0.52 0.00
ENORWICH_115KV_TB1 80156	21.37 0.67 -1.91	19.73 0.46 0.00	19.60 0.43 -1.88	18.84 0.30 -1.67	16.77 0.30 0.00	14.74 0.37 0.00	12.70 0.36 0.00	19.38 0.65 0.00	15.72 0.39 0.00	18.67 0.13 0.00	13.97 0.09 0.00	16.32 0.12 -1.06	20.11 -0.03 -5.24	21.33 -0.14 -5.13	21.73 -0.05 -0.91	14.93 0.07 -0.91	20.94 0.20 -1.22	25.20 0.49 0.00	32.13 1.21 0.00	35.90 1.28 -6.81	31.91 1.32 -0.11	26.22 0.85 0.00	20.52 0.43 -1.61	19.07 0.44 -2.97
ERIE_ST__34_KV_TB1-2 80199	16.80 -1.01 0.97	18.24 -1.03 0.00	15.34 -0.99 0.96	15.05 -0.97 0.85	15.54 -0.93 0.00	13.54 -0.82 0.00	11.66 -0.69 0.00	17.70 -1.03 0.00	14.38 -0.95 0.00	17.56 -0.98 0.00	13.18 -0.70 0.00	15.37 -0.84 0.54	17.53 -1.01 2.65	12.77 -0.81 2.59	13.11 -0.95 0.45	12.73 -0.77 0.45	17.69 -1.23 0.61	23.26 -1.46 0.00	28.96 -1.96 0.00	22.68 -1.65 3.48	28.57 -1.86 0.06	23.61 -1.76 0.00	16.36 -1.28 0.84	12.92 -1.20 1.54
ERIE_WT_PWR 323693	16.38 -1.44 0.97	17.82 -1.45 0.00	14.97 -1.36 0.96	14.69 -1.34 0.85	15.19 -1.29 0.00	13.26 -1.12 0.00	11.38 -0.96 0.00	17.26 -1.46 0.00	14.01 -1.32 0.00	17.11 -1.43 0.00	12.86 -1.02 0.00	15.00 -1.21 0.54	17.08 -1.47 2.64	12.41 -1.18 2.58	12.71 -1.36 0.45	12.40 -1.10 0.45	17.22 -1.70 0.61	22.68 -2.03 0.00	28.24 -2.68 0.00	22.05 -2.31 3.44	27.87 -2.56 0.06	23.04 -2.33 0.00	15.93 -1.71 0.83	12.55 -1.58 1.52
ESPRGFLD_115KV_TB1 80157	19.34 0.55 0.00	19.80 0.53 0.00	17.72 0.43 0.00	17.26 0.39 0.00	16.86 0.39 0.00	14.74 0.37 0.00	12.66 0.31 0.00	19.22 0.49 0.00	15.64 0.31 0.00	18.89 0.35 0.00	14.15 0.27 0.00	16.57 0.36 0.00	19.48 0.40 0.00	16.54 0.31 0.00	16.99 0.34 0.00	14.19 0.24 0.00	20.02 0.50 0.00	25.49 0.78 0.00	32.05 1.13 0.00	28.85 1.04 0.00	31.58 1.10 0.00	26.18 0.80 0.00	18.96 0.48 0.00	16.03 0.38 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.08 0.04 -4.25	19.27 0.00 0.00	21.44 -0.02 -4.18	20.59 -0.01 -3.72	16.47 0.00 0.00	14.38 0.01 0.00	12.38 0.04 0.00	18.78 0.06 0.00	15.30 -0.02 0.00	18.41 -0.13 0.00	13.77 -0.11 0.00	16.07 -0.13 0.00	21.24 -0.19 -2.36	27.66 -0.18 -11.61	27.79 -0.21 -11.36	15.82 -0.15 -2.03	22.11 -0.16 -2.74	24.63 -0.08 0.00	30.97 0.06 0.00	44.13 0.17 -16.15	30.95 0.22 -0.25	25.46 0.09 0.00	22.31 0.01 -3.81	22.69 -0.01 -7.05
ETNA____115KV_TB2 80207	23.08 0.04 -4.25	19.27 0.00 0.00	21.44 -0.02 -4.18	20.59 -0.01 -3.72	16.47 0.00 0.00	14.38 0.01 0.00	12.38 0.04 0.00	18.78 0.06 0.00	15.30 -0.02 0.00	18.41 -0.13 0.00	13.77 -0.11 0.00	16.07 -0.13 0.00	21.24 -0.19 -2.36	27.66 -0.18 -11.61	27.79 -0.21 -11.36	15.82 -0.15 -2.03	22.11 -0.16 -2.74	24.63 -0.08 0.00	30.97 0.06 0.00	44.13 0.17 -16.15	30.95 0.22 -0.25	25.46 0.09 0.00	22.31 0.01 -3.81	22.69 -0.01 -7.05
EUCLID____115KV_TB2 356179	18.48 -0.31 0.00	18.94 -0.33 0.00	16.98 -0.31 0.00	16.57 -0.30 0.00	16.18 -0.29 0.00	14.11 -0.26 0.00	12.13 -0.21 0.00	18.41 -0.31 0.00	15.04 -0.29 0.00	18.18 -0.36 0.00	13.62 -0.26 0.00	15.93 -0.28 0.00	18.73 -0.35 0.00	15.95 -0.28 0.00	16.31 -0.34 0.00	13.66 -0.29 0.00	19.10 -0.43 0.00	24.16 -0.56 0.00	30.19 -0.73 0.00	27.20 -0.61 0.00	29.81 -0.67 0.00	24.77 -0.60 0.00	18.06 -0.42 0.00	15.28 -0.37 0.00
E_CANADA_CAP_HY 24051	19.64 0.85 0.00	20.12 0.85 0.00	17.99 0.71 0.00	17.53 0.66 0.00	17.12 0.65 0.00	14.96 0.59 0.00	12.84 0.50 0.00	19.46 0.74 0.00	15.72 0.39 0.00	18.94 0.40 0.00	14.19 0.31 0.00	16.67 0.47 0.00	19.59 0.52 0.00	16.63 0.40 0.00	17.12 0.47 0.00	14.25 0.30 0.00	20.24 0.71 0.00	25.79 1.08 0.00	32.45 1.54 0.00	29.21 1.41 0.00	31.99 1.51 0.00	26.52 1.15 0.00	19.24 0.76 0.00	16.25 0.61 0.00
E_CANADA_MHWK_HY 24050	18.93 0.15 0.00	19.39 0.13 0.00	17.53 0.24 0.00	17.16 0.29 0.00	16.72 0.25 0.00	14.56 0.19 0.00	12.56 0.22 0.00	18.92 0.20 0.00	15.33 0.00 0.00	18.35 -0.19 0.00	14.69 -0.05 -0.86	17.92 -0.10 -1.81	20.64 0.02 -1.54	17.90 -0.15 -1.82	18.39 -0.09 -1.83	15.65 -0.04 -1.74	21.78 0.33 -1.92	25.68 0.46 -0.51	31.49 0.57 0.00	28.44 0.63 0.00	31.22 0.74 0.00	26.02 0.65 0.00	18.88 0.40 0.00	15.97 0.32 0.00
E_FISHKILL____LBMP 23776	19.42 0.63 0.00	19.90 0.64 0.00	17.87 0.59 0.00	17.46 0.58 0.00	17.03 0.55 0.00	14.84 0.47 0.00	12.75 0.41 0.00	19.32 0.60 0.00	15.87 0.54 0.00	19.19 0.65 0.00	14.45 0.57 0.00	16.87 0.66 0.00	19.87 0.79 0.00	16.93 0.70 0.00	17.53 0.79 -0.10	14.62 0.68 0.00	20.49 0.96 0.00	25.90 1.19 0.00	32.32 1.41 0.00	29.06 1.25 0.00	31.84 1.36 0.00	26.54 1.17 0.00	19.29 0.81 0.00	16.33 0.68 0.00
FALCON____SEABRD_CC1 323796	18.41 -0.38 0.00	18.71 -0.56 0.00	16.64 -0.65 0.00	16.24 -0.64 0.00	-21.32 -0.72 37.08	10.70 -0.50 3.18	3.54 -0.39 8.40	-21.37 -0.81 39.28	6.68 -0.46 8.19	-1.66 -0.52 19.68	-9.47 -0.45 22.90	-20.64 -0.50 36.34	-11.92 -0.38 30.62	-20.33 -0.35 36.21	-20.72 -0.52 36.85	-20.96 -0.33 34.57	-20.55 -0.58 39.49	6.35 -0.65 17.72	30.64 -0.27 0.00	27.83 0.02 0.00	5.79 -0.43 24.26	-21.23 -0.68 45.92	-11.89 -0.58 29.79	-14.76 -0.47 29.94

FALCON___SEABRD_CC2 323797	18.41 -0.38 0.00	18.71 -0.56 0.00	16.64 -0.65 0.00	16.24 -0.64 0.00	-21.32 -0.72 37.08	10.70 -0.50 3.18	3.54 -0.39 8.40	-21.37 -0.81 39.28	6.68 -0.46 8.19	-1.66 -0.52 19.68	-9.47 -0.45 22.90	-20.64 -0.50 36.34	-11.92 -0.38 30.62	-20.33 -0.35 36.21	-20.72 -0.52 36.85	-20.96 -0.33 34.57	-20.55 -0.58 39.49	6.35 -0.65 17.72	30.64 -0.27 0.00	27.83 0.02 0.00	5.79 -0.43 24.26	-21.23 -0.68 45.92	-11.89 -0.58 29.79	-14.76 -0.47 29.94
FAR ROCKAWAY___4 23548	25.51 1.18 -5.55	20.43 1.16 0.00	18.30 1.01 0.00	17.84 0.96 0.00	17.38 0.91 0.00	15.17 0.80 0.00	13.02 0.68 0.00	19.75 1.02 0.00	16.21 0.88 0.00	19.58 1.04 0.00	14.79 0.91 0.00	17.27 1.06 0.00	20.30 1.22 0.00	17.29 1.06 0.00	18.18 1.24 -0.29	15.01 1.07 0.00	21.01 1.48 0.00	26.61 1.90 0.00	33.22 2.31 0.00	29.87 2.06 0.00	32.72 2.24 0.00	27.30 1.93 0.00	19.83 1.35 0.00	16.75 1.11 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.56 0.77 0.00	20.04 0.78 0.00	17.98 0.70 0.00	17.58 0.70 0.00	17.14 0.66 0.00	14.93 0.57 0.00	12.83 0.49 0.00	19.44 0.72 0.00	15.97 0.64 0.00	19.35 0.81 0.00	14.60 0.72 0.00	17.04 0.83 0.00	20.08 1.00 0.00	17.13 0.90 0.00	17.91 0.98 -0.28	14.80 0.86 0.00	20.74 1.21 0.00	26.17 1.46 0.00	32.67 1.75 0.00	29.34 1.53 0.00	32.12 1.64 0.00	26.79 1.42 0.00	19.48 0.99 0.00	16.48 0.83 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.57 0.79 0.00	20.05 0.79 0.00	17.99 0.71 0.00	17.59 0.71 0.00	17.14 0.67 0.00	14.95 0.58 0.00	12.83 0.49 0.00	19.45 0.72 0.00	15.98 0.65 0.00	19.36 0.82 0.00	14.61 0.73 0.00	17.05 0.84 0.00	20.09 1.01 0.00	17.14 0.91 0.00	17.94 1.01 -0.28	14.81 0.87 0.00	20.75 1.22 0.00	26.18 1.47 0.00	32.68 1.77 0.00	29.35 1.54 0.00	32.15 1.67 0.00	26.82 1.45 0.00	19.49 1.01 0.00	16.49 0.84 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.71 0.00	15.97 0.64 0.00	19.35 0.81 0.00	14.60 0.72 0.00	17.03 0.82 0.00	20.07 1.00 0.00	17.12 0.89 0.00	17.93 0.99 -0.28	14.80 0.86 0.00	20.73 1.20 0.00	26.16 1.45 0.00	32.65 1.74 0.00	29.32 1.51 0.00	32.11 1.63 0.00	26.78 1.41 0.00	19.47 0.98 0.00	16.47 0.82 0.00
FARRAGUT___LBMP 323566	19.54 0.75 0.00	20.03 0.76 0.00	17.97 0.68 0.00	17.56 0.69 0.00	17.12 0.65 0.00	14.93 0.55 0.00	12.82 0.47 0.00	19.42 0.70 0.00	15.96 0.63 0.00	19.33 0.80 0.00	14.59 0.71 0.00	17.02 0.81 0.00	20.06 0.98 0.00	17.11 0.88 0.00	17.91 0.98 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.14 1.43 0.00	32.63 1.72 0.00	29.30 1.49 0.00	32.09 1.61 0.00	26.76 1.39 0.00	19.46 0.98 0.00	16.46 0.81 0.00
FENNER___WINDPWR 24204	19.68 0.11 -0.78	19.32 0.05 0.00	18.06 0.00 -0.77	17.56 0.00 -0.69	16.47 -0.01 0.00	14.36 -0.01 0.00	12.35 0.01 0.00	18.79 0.07 0.00	15.34 0.02 0.00	18.50 -0.04 0.00	13.79 -0.09 0.00	16.13 -0.08 0.00	19.40 -0.12 -0.43	18.29 -0.09 -2.15	18.69 -0.06 -2.10	14.33 0.00 -0.37	20.07 0.04 -0.51	24.85 0.13 0.00	31.09 0.18 0.00	30.98 0.18 -2.99	30.73 0.20 -0.05	25.44 0.07 0.00	19.22 0.03 -0.71	16.97 0.01 -1.31
FIBERTEK___ENERGY 23856	18.64 -0.15 0.00	19.11 -0.16 0.00	17.13 -0.15 0.00	16.73 -0.15 0.00	16.34 -0.13 0.00	14.26 -0.12 0.00	12.26 -0.08 0.00	18.59 -0.13 0.00	15.17 -0.16 0.00	18.36 -0.18 0.00	13.75 -0.13 0.00	16.07 -0.14 0.00	18.90 -0.18 0.00	16.09 -0.14 0.00	16.45 -0.20 0.00	13.77 -0.18 0.00	19.28 -0.25 0.00	24.43 -0.28 0.00	30.52 -0.39 0.00	27.51 -0.29 0.00	30.15 -0.33 0.00	25.05 -0.33 0.00	18.26 -0.22 0.00	15.45 -0.19 0.00
FITZPATRICK____ 23598	18.32 -0.47 0.00	18.78 -0.49 0.00	16.84 -0.45 0.00	16.44 -0.44 0.00	16.05 -0.42 0.00	14.00 -0.37 0.00	12.03 -0.31 0.00	18.25 -0.47 0.00	14.92 -0.41 0.00	18.05 -0.49 0.00	13.52 -0.36 0.00	15.79 -0.42 0.00	18.58 -0.50 0.00	15.82 -0.41 0.00	16.17 -0.47 0.00	13.52 -0.42 0.00	18.90 -0.62 0.00	23.88 -0.83 0.00	29.85 -1.07 0.00	26.89 -0.92 0.00	29.46 -1.02 0.00	24.50 -0.87 0.00	17.89 -0.59 0.00	15.15 -0.49 0.00
FLOWRFLD_69_KV_BK1 356044	25.62 1.28 -5.55	20.48 1.21 0.00	18.36 1.07 0.00	17.86 0.99 0.00	17.41 0.93 0.00	15.20 0.83 0.00	13.06 0.71 0.00	19.82 1.09 0.00	16.27 0.94 0.00	19.59 1.05 0.00	14.80 0.92 0.00	17.26 1.06 0.00	20.28 1.20 0.00	17.26 1.03 0.00	18.20 1.26 -0.29	15.07 1.13 0.00	21.12 1.59 0.00	26.73 2.02 0.00	33.39 2.48 0.00	30.05 2.24 0.00	32.93 2.45 0.00	27.41 2.04 0.00	19.85 1.37 0.00	16.75 1.10 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.60 0.81 0.00	20.08 0.81 0.00	18.02 0.73 0.00	17.59 0.72 0.00	17.16 0.68 0.00	14.96 0.59 0.00	12.86 0.51 0.00	19.49 0.76 0.00	16.00 0.67 0.00	19.35 0.81 0.00	14.56 0.68 0.00	16.99 0.78 0.00	20.03 0.95 0.00	17.06 0.83 0.00	17.56 0.92 0.00	14.74 0.79 0.00	20.69 1.16 0.00	26.21 1.49 0.00	32.73 1.81 0.00	29.41 1.61 0.00	32.22 1.73 0.00	26.83 1.46 0.00	19.48 1.00 0.00	16.47 0.83 0.00
FORT ORANGE____ 23900	19.17 0.38 0.00	19.73 0.47 0.00	17.82 0.54 0.00	17.41 0.54 0.00	16.98 0.51 0.00	14.78 0.41 0.00	12.70 0.35 0.00	19.25 0.53 0.00	15.76 0.43 0.00	18.96 0.41 0.00	14.17 0.29 0.00	16.55 0.34 0.00	19.48 0.40 0.00	16.56 0.33 0.00	17.05 0.40 0.00	14.31 0.37 0.00	20.05 0.52 0.00	25.31 0.60 0.00	31.63 0.71 0.00	28.52 0.71 0.00	31.24 0.76 0.00	26.05 0.68 0.00	18.99 0.51 0.00	16.10 0.45 0.00
FORT_DRUM_COGEN 23780	18.76 -0.03 0.00	19.10 -0.17 0.00	16.86 -0.43 0.00	16.25 -0.63 0.00	17.89 -0.60 -2.02	13.97 -0.58 -0.17	12.29 -0.51 -0.46	20.57 -0.29 -2.14	15.60 -0.18 -0.45	19.27 -0.34 -1.07	10.31 -0.72 2.85	8.64 -0.89 6.69	12.30 -1.06 5.72	8.60 -0.91 6.72	9.06 -0.83 6.76	7.01 -0.50 6.44	12.00 -0.49 7.04	22.37 -0.85 1.49	30.03 -0.88 0.00	27.65 -0.16 0.00	32.12 0.33 -1.32	27.60 -0.28 -2.50	19.51 -0.59 -1.62	16.90 -0.38 -1.63
FOX_HILLS___ESR 323835	19.62 0.83 0.00	20.11 0.83 0.00	18.05 0.75 -0.01	17.62 0.75 0.00	17.18 0.70 0.00	14.98 0.60 0.00	12.86 0.52 0.00	19.49 0.77 0.00	16.02 0.69 -0.01	19.41 0.87 0.00	14.64 0.75 0.00	17.07 0.87 0.00	20.12 1.04 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.84 0.89 0.00	20.79 1.25 -0.01	37.63 1.45 -11.48	39.17 1.72 -6.54	38.38 1.51 -9.07	38.50 1.64 -6.38	39.67 1.41 -12.89	26.38 1.03 -6.88	16.52 0.86 -0.01
FPL FAR_ROCK_GT1 24212	25.52 1.18 -5.55	20.43 1.16 0.00	18.30 1.01 0.00	17.84 0.96 0.00	17.38 0.91 0.00	15.17 0.80 0.00	13.02 0.68 0.00	19.75 1.02 0.00	16.21 0.88 0.00	19.58 1.03 0.00	14.79 0.91 0.00	17.28 1.07 0.00	20.30 1.23 0.00	17.29 1.06 0.00	18.18 1.24 -0.29	15.01 1.06 0.00	21.01 1.49 0.00	26.61 1.90 0.00	33.22 2.31 0.00	29.87 2.06 0.00	32.72 2.24 0.00	27.30 1.92 0.00	19.83 1.35 0.00	16.75 1.11 0.00



FPL FAR_ROCK_GT2 23815	25.52 1.18 -5.55	20.43 1.16 0.00	18.30 1.01 0.00	17.84 0.96 0.00	17.38 0.91 0.00	15.17 0.80 0.00	13.02 0.68 0.00	19.75 1.02 0.00	16.21 0.88 0.00	19.58 1.03 0.00	14.79 0.91 0.00	17.28 1.07 0.00	20.30 1.23 0.00	17.29 1.06 0.00	18.18 1.24 -0.29	15.01 1.06 0.00	21.01 1.49 0.00	26.61 1.90 0.00	33.22 2.31 0.00	29.87 2.06 0.00	32.72 2.24 0.00	27.30 1.92 0.00	19.83 1.35 0.00	16.75 1.11 0.00
FRANKLIN_FALL_HYD 24054	18.43 -0.35 0.00	18.79 -0.48 0.00	16.71 -0.58 0.00	16.30 -0.57 0.00	42.95 -0.63 -27.11	16.25 -0.44 -2.32	18.10 -0.39 -6.14	46.79 -0.65 -28.72	20.90 -0.41 -5.99	32.43 -0.50 -14.39	2.08 -0.46 11.34	-17.19 -0.52 32.87	-9.68 -0.48 28.27	-17.41 -0.50 33.14	-17.13 -0.58 33.20	-18.32 -0.46 31.81	-15.28 -0.61 34.19	20.17 -0.67 3.87	30.59 -0.33 0.00	27.73 -0.08 0.00	47.81 -0.42 -17.75	58.33 -0.64 -33.59	39.74 -0.54 -21.80	37.08 -0.47 -21.90
FREEPORT_EQUS_GT1 23764	25.45 1.11 -5.55	20.35 1.09 0.00	18.23 0.94 0.00	17.76 0.88 0.00	17.30 0.83 0.00	15.10 0.73 0.00	12.97 0.63 0.00	19.67 0.95 0.00	16.15 0.82 0.00	19.49 0.95 0.00	14.72 0.84 0.00	17.19 0.98 0.00	20.20 1.13 0.00	17.20 0.98 0.00	18.09 1.16 -0.29	14.94 1.00 0.00	20.93 1.40 0.00	26.49 1.78 0.00	33.09 2.18 0.00	29.76 1.96 0.00	32.62 2.14 0.00	27.21 1.84 0.00	19.75 1.27 0.00	16.68 1.03 0.00
FREEPORT___CT2 23818	25.45 1.11 -5.55	20.35 1.09 0.00	18.23 0.94 0.00	17.76 0.88 0.00	17.30 0.83 0.00	15.10 0.73 0.00	12.97 0.63 0.00	19.67 0.95 0.00	16.15 0.82 0.00	19.49 0.95 0.00	14.72 0.84 0.00	17.19 0.98 0.00	20.20 1.13 0.00	17.20 0.98 0.00	18.09 1.16 -0.29	14.94 1.00 0.00	20.93 1.40 0.00	26.49 1.78 0.00	33.09 2.18 0.00	29.76 1.96 0.00	32.62 2.14 0.00	27.21 1.84 0.00	19.75 1.27 0.00	16.68 1.03 0.00
FRESHKLS_33_KV_LOAD 356253	19.58 0.79 0.00	20.08 0.81 0.00	18.02 0.73 -0.01	17.60 0.73 0.00	17.16 0.69 0.00	14.96 0.59 0.00	12.85 0.50 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.38 0.84 0.00	14.60 0.72 0.00	17.03 0.82 0.00	20.07 0.99 0.00	17.14 0.91 0.00	17.92 0.99 -0.28	14.79 0.85 0.00	20.73 1.19 -0.01	37.54 1.35 -11.48	39.06 1.60 -6.54	38.27 1.40 -9.07	38.39 1.53 -6.38	39.59 1.32 -12.89	26.33 0.97 -6.88	16.47 0.82 -0.01
FULTON COGEN____ 23766	18.44 -0.35 0.00	18.90 -0.37 0.00	16.94 -0.34 0.00	16.54 -0.34 0.00	16.17 -0.30 0.00	14.10 -0.27 0.00	12.12 -0.22 0.00	18.40 -0.32 0.00	15.04 -0.30 0.00	18.17 -0.38 0.00	13.61 -0.28 0.00	15.90 -0.32 0.00	18.69 -0.39 0.00	15.93 -0.30 0.00	16.30 -0.35 0.00	13.63 -0.32 0.00	19.08 -0.44 0.00	24.14 -0.58 0.00	30.16 -0.76 0.00	27.15 -0.65 0.00	29.77 -0.71 0.00	24.75 -0.62 0.00	18.04 -0.44 0.00	15.27 -0.38 0.00
FULTON___LFGE 323630	19.72 0.94 0.00	20.20 0.93 0.00	18.10 0.81 0.00	17.65 0.77 0.00	17.23 0.76 0.00	15.04 0.66 0.00	12.92 0.57 0.00	19.53 0.81 0.00	15.75 0.42 0.00	18.85 0.31 0.00	14.13 0.25 0.00	16.63 0.42 0.00	19.56 0.49 0.00	16.52 0.29 0.00	16.98 0.34 0.00	14.17 0.23 0.00	20.33 0.81 0.00	25.97 1.25 0.00	32.66 1.75 0.00	29.44 1.63 0.00	32.25 1.77 0.00	26.76 1.39 0.00	19.41 0.94 0.00	16.40 0.75 0.00
G.F.CEMENT___DRP 24184	20.15 1.36 0.00	20.59 1.33 0.00	18.48 1.19 0.00	18.04 1.16 0.00	17.60 1.12 0.00	15.32 0.96 0.00	13.19 0.85 0.00	20.03 1.31 0.00	16.37 1.04 0.00	19.71 1.17 0.00	14.67 0.79 0.00	17.15 0.95 0.00	20.10 1.03 0.00	17.10 0.87 0.00	17.60 0.95 0.00	14.73 0.78 0.00	20.79 1.26 0.00	26.40 1.69 0.00	33.15 2.24 0.00	29.74 1.93 0.00	32.83 2.35 0.00	27.19 1.82 0.00	19.77 1.29 0.00	16.74 1.09 0.00
GARDENVILLE___LBMP 24039	16.32 -1.49 0.98	17.76 -1.51 0.00	14.92 -1.41 0.96	14.64 -1.38 0.85	15.15 -1.33 0.00	13.21 -1.16 0.00	11.34 -1.00 0.00	17.21 -1.52 0.00	13.98 -1.35 0.00	17.07 -1.48 0.00	12.82 -1.06 0.00	14.96 -1.24 0.00	17.02 -1.52 0.54	12.35 -1.23 2.66	12.65 -1.40 2.60	12.35 -1.14 0.45	17.18 -1.74 0.61	22.60 -2.11 0.00	28.15 -2.77 0.00	22.00 -2.38 3.43	27.78 -2.65 0.05	22.97 -2.40 0.00	15.88 -1.76 0.83	12.52 -1.62 1.51
GARDNVLA_35_KV_LD 355827	16.40 -1.42 0.97	17.84 -1.43 0.00	14.99 -1.34 0.95	14.70 -1.32 0.85	15.20 -1.27 0.00	13.26 -1.11 0.00	11.39 -0.95 0.00	17.27 -1.45 0.00	14.02 -1.31 0.00	17.13 -1.41 0.00	12.88 -1.00 0.00	15.03 -1.18 0.00	17.10 -1.44 0.54	12.43 -1.16 2.64	12.74 -1.32 2.58	12.42 -1.08 0.45	17.26 -1.66 0.61	22.71 -2.01 0.00	28.28 -2.64 0.00	22.09 -2.27 3.45	27.91 -2.52 0.06	23.08 -2.30 0.00	15.95 -1.69 0.83	12.56 -1.57 1.52
GELCKHM__115KV_LOAD 80723	18.54 -0.25 0.00	19.00 -0.26 0.00	17.04 -0.25 0.00	16.63 -0.24 0.00	16.25 -0.23 0.00	14.17 -0.20 0.00	12.18 -0.16 0.00	18.48 -0.25 0.00	15.09 -0.24 0.00	18.25 -0.28 0.00	13.67 -0.21 0.00	15.98 -0.23 0.00	18.80 -0.28 0.00	16.00 -0.23 0.00	16.36 -0.29 0.00	13.70 -0.25 0.00	19.16 -0.36 0.00	24.26 -0.45 0.00	30.31 -0.60 0.00	27.31 -0.49 0.00	29.93 -0.55 0.00	24.87 -0.50 0.00	18.14 -0.35 0.00	15.35 -0.30 0.00
GENERAL___MILLS 23808	16.38 -1.44 0.97	17.82 -1.45 0.00	14.98 -1.36 0.96	14.69 -1.33 0.85	15.19 -1.28 0.00	13.25 -1.12 0.00	11.38 -0.96 0.00	17.26 -1.46 0.00	14.02 -1.31 0.00	17.13 -1.42 0.00	12.87 -1.01 0.00	15.01 -1.19 0.00	17.09 -1.45 0.54	12.42 -1.17 2.64	12.73 -1.34 2.58	12.40 -1.09 0.45	17.24 -1.68 0.61	22.69 -2.03 0.00	28.25 -2.67 0.00	22.08 -2.29 3.44	27.88 -2.54 0.06	23.05 -2.32 0.00	15.94 -1.71 0.83	12.56 -1.57 1.52
GE_PLASTICS___DRP 24183	19.13 0.34 0.00	19.66 0.40 0.00	17.74 0.45 0.00	17.32 0.45 0.00	16.90 0.42 0.00	14.72 0.34 0.00	12.64 0.29 0.00	19.16 0.44 0.00	15.69 0.36 0.00	18.91 0.37 0.00	14.16 0.28 0.00	16.53 0.32 0.00	19.46 0.38 0.00	16.56 0.33 0.00	17.04 0.39 0.00	14.30 0.35 0.00	20.02 0.49 0.00	25.27 0.55 0.00	31.55 0.64 0.00	28.41 0.60 0.00	31.14 0.66 0.00	25.96 0.59 0.00	18.92 0.44 0.00	16.04 0.39 0.00
GILBOA___1 23756	19.12 0.34 0.00	19.62 0.36 0.00	17.68 0.40 0.00	17.27 0.39 0.00	16.85 0.37 0.00	14.69 0.32 0.00	12.62 0.28 0.00	19.13 0.41 0.00	15.64 0.31 0.00	18.88 0.34 0.00	14.16 0.29 0.00	16.54 0.33 0.00	19.47 0.40 0.00	16.57 0.34 0.00	17.04 0.39 0.00	14.28 0.34 0.00	20.01 0.49 0.00	25.30 0.59 0.00	31.59 0.68 0.00	28.39 0.58 0.00	31.17 0.68 0.00	25.97 0.60 0.00	18.90 0.42 0.00	16.00 0.35 0.00
GILBOA___2 23757	19.12 0.34 0.00	19.62 0.36 0.00	17.68 0.40 0.00	17.27 0.39 0.00	16.85 0.37 0.00	14.69 0.32 0.00	12.62 0.28 0.00	19.13 0.41 0.00	15.64 0.31 0.00	18.88 0.34 0.00	14.16 0.29 0.00	16.54 0.33 0.00	19.47 0.40 0.00	16.57 0.34 0.00	17.04 0.39 0.00	14.28 0.34 0.00	20.01 0.49 0.00	25.30 0.59 0.00	31.59 0.68 0.00	28.39 0.58 0.00	31.17 0.68 0.00	25.97 0.60 0.00	18.90 0.42 0.00	16.00 0.35 0.00

GILBOA___3 23758	19.12 0.34 0.00	19.62 0.36 0.00	17.68 0.40 0.00	17.27 0.39 0.00	16.85 0.37 0.00	14.69 0.32 0.00	12.62 0.28 0.00	19.13 0.41 0.00	15.64 0.31 0.00	18.88 0.34 0.00	14.16 0.29 0.00	16.54 0.33 0.00	19.47 0.40 0.00	16.57 0.34 0.00	17.04 0.39 0.00	14.28 0.34 0.00	20.01 0.49 0.00	25.30 0.59 0.00	31.59 0.68 0.00	28.39 0.58 0.00	31.17 0.68 0.00	25.97 0.60 0.00	18.90 0.42 0.00	16.00 0.35 0.00
GILBOA___4 23759	19.12 0.34 0.00	19.62 0.36 0.00	17.68 0.40 0.00	17.27 0.39 0.00	16.85 0.37 0.00	14.69 0.32 0.00	12.62 0.28 0.00	19.13 0.41 0.00	15.64 0.31 0.00	18.88 0.34 0.00	14.16 0.29 0.00	16.54 0.33 0.00	19.47 0.40 0.00	16.57 0.34 0.00	17.04 0.39 0.00	14.28 0.34 0.00	20.01 0.49 0.00	25.30 0.59 0.00	31.59 0.68 0.00	28.39 0.58 0.00	31.17 0.68 0.00	25.97 0.60 0.00	18.90 0.42 0.00	16.00 0.35 0.00
GILBOA___ 23599	19.12 0.34 0.00	19.62 0.36 0.00	17.68 0.40 0.00	17.27 0.39 0.00	16.85 0.37 0.00	14.69 0.32 0.00	12.62 0.27 0.00	19.13 0.41 0.00	15.64 0.31 0.00	18.88 0.34 0.00	14.17 0.29 0.00	16.54 0.33 0.00	19.47 0.39 0.00	16.57 0.34 0.00	17.04 0.39 0.00	14.29 0.34 0.00	20.01 0.49 0.00	25.30 0.59 0.00	31.59 0.68 0.00	28.40 0.58 0.00	31.17 0.68 0.00	25.97 0.60 0.00	18.90 0.42 0.00	16.00 0.35 0.00
GINNA___ 23603	16.58 -1.64 0.57	17.58 -1.68 0.00	15.19 -1.54 0.56	14.84 -1.54 0.50	14.98 -1.49 0.00	13.07 -1.30 0.00	11.24 -1.10 0.00	17.06 -1.66 0.00	13.87 -1.46 0.00	16.85 -1.69 0.00	12.69 -1.19 0.00	14.81 -1.40 0.00	17.09 -1.68 0.31	13.30 -1.39 1.54	13.63 -1.51 1.51	12.44 -1.24 0.27	17.37 -1.80 0.36	22.50 -2.21 0.00	28.16 -2.76 0.00	23.37 -2.42 2.02	27.74 -2.71 0.03	22.98 -2.39 0.00	16.22 -1.76 0.50	13.14 -1.58 0.92
GLEN PARK___ 23778	18.84 0.06 0.00	19.19 -0.08 0.00	16.94 -0.35 0.00	16.32 -0.55 0.00	17.86 -0.53 -1.91	14.03 -0.50 -0.16	12.34 -0.44 -0.43	20.57 -0.18 -2.03	15.62 -0.13 -0.42	19.25 -0.30 -1.02	10.51 -0.68 2.69	9.08 -0.80 6.33	12.68 -0.98 5.41	9.02 -0.84 6.36	9.51 -0.74 6.40	7.43 -0.43 6.09	12.48 -0.37 6.67	22.62 -0.68 1.41	30.24 -0.68 0.00	27.83 0.03 0.00	32.24 0.51 -1.25	27.61 -0.13 -2.37	19.53 -0.48 -1.54	16.89 -0.30 -1.54
GLENDALE_27_KV_LOAD 356172	19.69 0.90 0.00	20.16 0.89 0.00	18.10 0.80 -0.01	17.68 0.81 0.00	17.23 0.75 0.00	15.02 0.65 0.00	12.90 0.56 0.00	19.54 0.82 0.00	16.07 0.74 -0.01	19.48 0.93 0.00	14.70 0.81 0.00	17.15 0.94 0.00	20.20 1.12 0.00	17.24 1.01 0.00	18.05 1.11 -0.28	14.90 0.95 0.00	20.85 1.33 0.00	26.32 1.60 0.00	32.82 1.91 0.00	29.48 1.67 0.00	32.30 1.82 0.00	26.93 1.56 0.00	19.60 1.11 -0.01	16.58 0.93 -0.01
GLENWOOD_IC_1_G5 23712	25.40 1.06 -5.55	20.31 1.04 0.00	18.20 0.91 0.00	17.73 0.86 0.00	17.28 0.81 0.00	15.08 0.71 0.00	12.95 0.61 0.00	19.64 0.92 0.00	16.13 0.80 0.00	19.48 0.94 0.00	14.71 0.83 0.00	17.18 0.97 0.00	20.19 1.12 0.00	17.21 0.98 0.00	18.09 1.16 -0.29	14.94 1.00 0.00	20.91 1.39 0.00	26.46 1.75 0.00	33.04 2.13 0.00	29.71 1.90 0.00	32.55 2.06 0.00	27.15 1.78 0.00	19.71 1.23 0.00	16.65 1.00 0.00
GLENWOOD_IC_2_G1 23688	25.35 1.01 -5.55	20.26 1.00 0.00	18.16 0.87 0.00	17.70 0.82 0.00	17.25 0.78 0.00	15.06 0.69 0.00	12.93 0.58 0.00	19.60 0.88 0.00	16.10 0.77 0.00	19.44 0.90 0.00	14.68 0.80 0.00	17.14 0.93 0.00	20.15 1.08 0.00	17.17 0.94 0.00	18.05 1.11 -0.29	14.90 0.96 0.00	20.86 1.33 0.00	26.39 1.68 0.00	32.95 2.03 0.00	29.63 1.82 0.00	32.46 1.98 0.00	27.08 1.71 0.00	19.66 1.18 0.00	16.62 0.97 0.00
GLENWOOD_IC_3_G1 23689	25.35 1.01 -5.55	20.26 1.00 0.00	18.16 0.87 0.00	17.70 0.82 0.00	17.25 0.78 0.00	15.06 0.69 0.00	12.93 0.58 0.00	19.60 0.88 0.00	16.10 0.77 0.00	19.44 0.90 0.00	14.68 0.80 0.00	17.14 0.93 0.00	20.15 1.08 0.00	17.17 0.94 0.00	18.05 1.11 -0.29	14.90 0.96 0.00	20.86 1.33 0.00	26.39 1.68 0.00	32.95 2.03 0.00	29.63 1.82 0.00	32.46 1.98 0.00	27.08 1.71 0.00	19.66 1.18 0.00	16.62 0.97 0.00
GLENWOOD___4 23550	25.40 1.06 -5.55	20.31 1.04 0.00	18.20 0.91 0.00	17.73 0.86 0.00	17.28 0.81 0.00	15.08 0.71 0.00	12.95 0.61 0.00	19.64 0.92 0.00	16.13 0.80 0.00	19.48 0.94 0.00	14.71 0.83 0.00	17.18 0.97 0.00	20.20 1.12 0.00	17.21 0.98 0.00	18.09 1.16 -0.29	14.94 1.00 0.00	20.91 1.39 0.00	26.46 1.75 0.00	33.04 2.13 0.00	29.71 1.90 0.00	32.55 2.06 0.00	27.15 1.78 0.00	19.71 1.23 0.00	16.65 1.00 0.00
GLENWOOD___5 23614	25.40 1.06 -5.55	20.31 1.04 0.00	18.20 0.91 0.00	17.73 0.86 0.00	17.28 0.81 0.00	15.08 0.71 0.00	12.95 0.61 0.00	19.64 0.92 0.00	16.13 0.80 0.00	19.48 0.94 0.00	14.71 0.83 0.00	17.18 0.97 0.00	20.20 1.12 0.00	17.21 0.98 0.00	18.09 1.16 -0.29	14.94 1.00 0.00	20.91 1.39 0.00	26.46 1.75 0.00	33.04 2.13 0.00	29.71 1.90 0.00	32.55 2.06 0.00	27.15 1.78 0.00	19.71 1.23 0.00	16.65 1.00 0.00
GLOBAL GREEN_PORT_GT1 23814	25.88 1.54 -5.55	20.57 1.31 0.00	18.51 1.22 0.00	17.97 1.09 0.00	17.52 1.05 0.00	15.40 1.03 0.00	13.28 0.94 0.00	20.13 1.41 0.00	16.46 1.13 0.00	19.90 1.35 0.00	15.10 1.22 0.00	17.61 1.40 0.00	20.65 1.57 0.00	17.54 1.31 0.00	18.40 1.47 -0.29	15.24 1.30 0.00	21.32 1.80 0.00	26.88 2.17 0.00	33.58 2.67 0.00	30.26 2.45 0.00	33.35 2.87 0.00	27.56 2.18 0.00	19.98 1.50 0.00	16.89 1.24 0.00
GLOBE___DSASP 323697	15.84 -2.10 0.84	17.10 -2.17 0.00	14.47 -1.99 0.82	14.16 -1.99 0.73	14.53 -1.94 0.00	12.67 -1.70 0.00	10.89 -1.46 0.00	16.53 -2.19 0.00	13.40 -1.93 0.00	16.42 -2.12 0.00	12.41 -1.48 0.00	14.47 -1.74 0.00	16.51 -2.11 0.46	12.27 -1.68 2.28	12.53 -1.89 2.23	12.00 -1.55 0.39	16.63 -2.38 0.52	21.69 -3.02 0.00	26.98 -3.94 0.00	21.31 -3.52 2.98	26.58 -3.86 0.05	21.97 -3.40 0.00	15.26 -2.49 0.72	11.93 -2.40 1.32
GOETHSLN___LBMP 323567	19.47 0.68 0.00	19.95 0.68 0.00	17.90 0.61 0.00	17.49 0.61 0.00	17.05 0.57 0.00	14.87 0.49 0.00	12.76 0.42 0.00	19.34 0.62 0.00	15.89 0.56 0.00	19.25 0.70 0.00	14.51 0.63 0.00	16.94 0.73 0.00	19.97 0.89 0.00	17.03 0.80 0.00	17.83 0.89 -0.28	14.73 0.78 0.00	20.64 1.12 0.00	26.07 1.36 0.00	32.55 1.63 0.00	29.22 1.41 0.00	31.98 1.50 0.00	26.69 1.32 0.00	19.40 0.92 0.00	16.42 0.77 0.00
GOLAH___69_KV_TB 1_2 80279	17.19 -1.00 0.60	18.24 -1.03 0.00	15.72 -0.97 0.59	15.37 -0.98 0.52	15.52 -0.95 0.00	13.54 -0.83 0.00	11.64 -0.70 0.00	17.68 -1.04 0.00	14.34 -0.98 0.00	17.42 -1.12 0.00	13.10 -0.78 0.00	15.31 -0.90 0.00	17.64 -1.10 0.33	13.71 -0.89 1.63	14.05 -1.01 1.59	12.86 -0.81 0.28	17.94 -1.21 0.38	23.26 -1.45 0.00	29.07 -1.84 0.00	24.15 -1.53 2.13	28.74 -1.71 0.03	23.76 -1.61 0.00	16.79 -1.18 0.51	13.59 -1.11 0.95

GOODYEAR_LAKE_HYD 323669	19.38 0.39 -0.20	19.63 0.36 0.00	17.81 0.32 -0.20	17.35 0.30 -0.18	16.77 0.30 0.00	14.66 0.28 0.00	12.59 0.24 0.00	19.11 0.39 0.00	15.62 0.29 0.00	18.88 0.34 0.00	14.15 0.27 0.00	16.54 0.34 0.00	19.58 0.39 -0.12	17.11 0.30 -0.58	17.54 0.33 -0.57	14.32 0.27 -0.10	20.08 0.45 -0.10	25.35 0.64 0.00	31.80 0.88 0.00	28.63 0.82 0.00	31.36 0.87 0.00	26.03 0.66 0.00	18.87 0.39 0.00	15.97 0.32 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.57 -0.21 0.00	19.05 -0.21 0.00	17.06 -0.23 0.00	16.69 -0.18 0.00	16.30 -0.17 0.00	14.24 -0.14 0.00	12.26 -0.08 0.00	18.57 -0.15 0.00	15.18 -0.15 0.00	18.37 -0.18 0.00	13.74 -0.14 0.00	16.06 -0.15 0.00	18.89 -0.19 0.00	16.03 -0.20 0.00	16.41 -0.24 0.00	13.78 -0.16 0.00	19.25 -0.22 0.06	24.53 -0.18 0.00	30.60 -0.31 0.00	26.04 -0.27 1.51	30.23 -0.23 0.02	25.12 -0.25 0.00	17.90 -0.22 0.36	14.79 -0.20 0.66
GOUDEY___7 23579	18.57 -0.21 0.00	19.05 -0.21 0.00	17.06 -0.23 0.00	16.69 -0.18 0.00	16.30 -0.17 0.00	14.24 -0.14 0.00	12.26 -0.08 0.00	18.57 -0.15 0.00	15.18 -0.15 0.00	18.37 -0.18 0.00	13.74 -0.14 0.00	16.06 -0.15 0.00	18.89 -0.19 0.00	16.03 -0.20 0.00	16.41 -0.24 0.00	13.78 -0.16 0.00	19.25 -0.22 0.06	24.53 -0.18 0.00	30.60 -0.31 0.00	26.04 -0.27 1.51	30.23 -0.23 0.02	25.12 -0.25 0.00	17.90 -0.22 0.36	14.79 -0.20 0.66
GOUDEY___8 23580	18.57 -0.21 0.00	19.05 -0.21 0.00	17.06 -0.23 0.00	16.69 -0.18 0.00	16.30 -0.17 0.00	14.24 -0.14 0.00	12.26 -0.08 0.00	18.57 -0.15 0.00	15.18 -0.15 0.00	18.37 -0.18 0.00	13.74 -0.14 0.00	16.06 -0.15 0.00	18.89 -0.19 0.00	16.03 -0.20 0.00	16.41 -0.24 0.00	13.78 -0.16 0.00	19.25 -0.22 0.06	24.53 -0.18 0.00	30.60 -0.31 0.00	26.04 -0.27 1.51	30.23 -0.23 0.02	25.12 -0.25 0.00	17.90 -0.22 0.36	14.79 -0.20 0.66
GOWANUS_GT1_1 24077	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT1_2 24078	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT1_3 24079	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT1_4 24080	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT1_5 24084	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT1_6 24111	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT1_7 24112	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT1_8 24113	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT2_1 24114	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT2_2 24115	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT2_3 24116	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01

GOWANUS_GT2_4 24117	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT2_5 24118	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT2_6 24119	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT2_7 24120	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT2_8 24121	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT3_1 24122	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT3_2 24123	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT3_3 24124	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT3_4 24125	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT3_5 24126	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT3_6 24127	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT3_7 24128	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT3_8 24129	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT4_1 24130	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT4_2 24131	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01

GOWANUS_GT4_3 24132	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT4_4 24133	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT4_5 24134	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT4_6 24135	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT4_7 24136	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GOWANUS_GT4_8 24137	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GREENBSH_115KV_TB3 55895	19.07 0.28 0.00	19.64 0.37 0.00	17.75 0.46 0.00	17.34 0.46 0.00	16.91 0.43 0.00	14.72 0.35 0.00	12.64 0.30 0.00	19.16 0.44 0.00	15.70 0.37 0.00	18.92 0.37 0.00	14.15 0.27 0.00	16.50 0.29 0.00	19.43 0.36 0.00	16.54 0.31 0.00	17.03 0.38 0.00	14.28 0.34 0.00	20.00 0.47 0.00	25.20 0.49 0.00	31.46 0.55 0.00	28.34 0.53 0.00	31.05 0.57 0.00	25.91 0.53 0.00	18.90 0.42 0.00	16.03 0.38 0.00
GREENIDGE_115KV_TB5 80291	15.33 -0.67 2.79	18.60 -0.67 0.00	13.88 -0.67 2.74	13.87 -0.57 2.44	15.96 -0.52 0.00	13.92 -0.45 0.00	11.99 -0.35 0.00	18.14 -0.58 0.00	14.77 -0.56 0.00	17.81 -0.74 0.00	13.27 -0.61 0.00	15.51 -0.70 0.00	16.66 -0.87 1.54	7.88 -0.75 7.60	8.37 -0.85 7.43	11.90 -0.67 1.37	16.77 -0.94 1.81	23.72 -0.99 0.00	29.76 -1.15 0.00	17.01 -0.88 9.91	29.37 -0.95 0.15	24.48 -0.89 0.00	15.42 -0.71 2.35	10.66 -0.65 4.33
GREENIDGE___3 23582	15.33 -0.67 2.79	18.60 -0.67 0.00	13.88 -0.67 2.74	13.87 -0.57 2.44	15.96 -0.52 0.00	13.92 -0.45 0.00	11.99 -0.35 0.00	18.14 -0.58 0.00	14.77 -0.56 0.00	17.81 -0.74 0.00	13.27 -0.61 0.00	15.51 -0.70 0.00	16.66 -0.87 1.54	7.88 -0.75 7.60	8.37 -0.85 7.43	11.90 -0.67 1.37	16.77 -0.94 1.81	23.72 -0.99 0.00	29.76 -1.15 0.00	17.01 -0.88 9.91	29.37 -0.95 0.15	24.48 -0.89 0.00	15.42 -0.71 2.35	10.66 -0.65 4.33
GREENIDGE___4 23583	15.33 -0.67 2.79	18.60 -0.67 0.00	13.88 -0.67 2.74	13.86 -0.57 2.44	15.96 -0.52 0.00	13.92 -0.45 0.00	11.99 -0.35 0.00	18.14 -0.58 0.00	14.77 -0.56 0.00	17.80 -0.74 0.00	13.27 -0.61 0.00	15.51 -0.70 0.00	16.66 -0.87 1.54	7.88 -0.76 7.60	8.36 -0.86 7.43	11.90 -0.68 1.37	16.77 -0.94 1.81	23.72 -0.99 0.00	29.76 -1.15 0.00	17.00 -0.89 9.91	29.37 -0.95 0.15	24.48 -0.89 0.00	15.42 -0.71 2.35	10.66 -0.65 4.33
GREENLWN_69_KV_BK 3 55738	25.44 1.10 -5.55	20.36 1.09 0.00	18.24 0.95 0.00	17.75 0.88 0.00	17.30 0.83 0.00	15.10 0.73 0.00	12.97 0.62 0.00	19.67 0.95 0.00	16.16 0.83 0.00	19.48 0.94 0.00	14.71 0.83 0.00	17.17 0.96 0.00	20.18 1.11 0.00	17.17 0.94 0.00	18.08 1.15 -0.29	14.95 1.00 0.00	20.91 1.38 0.00	26.47 1.76 0.00	33.04 2.13 0.00	29.70 1.90 0.00	32.55 2.07 0.00	27.12 1.75 0.00	19.68 1.20 0.00	16.63 0.99 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
GRISSOM___SOLAR 323813	19.71 0.92 0.00	20.19 0.92 0.00	18.10 0.82 0.00	17.65 0.78 0.00	17.23 0.76 0.00	15.04 0.66 0.00	12.92 0.57 0.00	19.52 0.80 0.00	15.75 0.42 0.00	18.80 0.25 0.00	14.10 0.22 0.00	16.59 0.38 0.00	19.51 0.44 0.00	16.45 0.22 0.00	16.91 0.26 0.00	14.12 0.18 0.00	20.31 0.78 0.00	25.94 1.23 0.00	32.63 1.71 0.00	29.41 1.60 0.00	32.23 1.75 0.00	26.75 1.38 0.00	19.42 0.94 0.00	16.41 0.76 0.00
GROVEVILLE___HYD 323602	19.60 0.81 0.00	20.08 0.81 0.00	18.02 0.73 0.00	17.59 0.72 0.00	17.16 0.68 0.00	14.96 0.59 0.00	12.86 0.51 0.00	19.49 0.76 0.00	16.00 0.67 0.00	19.35 0.81 0.00	14.56 0.68 0.00	16.99 0.78 0.00	20.03 0.95 0.00	17.06 0.83 0.00	17.56 0.92 0.00	14.74 0.79 0.00	20.69 1.16 0.00	26.21 1.49 0.00	32.73 1.81 0.00	29.41 1.61 0.00	32.22 1.73 0.00	26.83 1.46 0.00	19.48 1.00 0.00	16.47 0.83 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.64 -0.15 0.00	19.11 -0.16 0.00	17.13 -0.15 0.00	16.73 -0.15 0.00	16.34 -0.13 0.00	14.26 -0.12 0.00	12.26 -0.08 0.00	18.59 -0.13 0.00	15.17 -0.16 0.00	18.36 -0.18 0.00	13.75 -0.13 0.00	16.07 -0.14 0.00	18.90 -0.18 0.00	16.09 -0.14 0.00	16.45 -0.20 0.00	13.77 -0.18 0.00	19.28 -0.25 0.00	24.43 -0.28 0.00	30.52 -0.39 0.00	27.51 -0.29 0.00	30.15 -0.33 0.00	25.05 -0.33 0.00	18.26 -0.22 0.00	15.45 -0.19 0.00

HAMLTNNY_34_KV_TB 80303	18.60 -0.18 0.00	19.07 -0.20 0.00	17.09 -0.20 0.00	16.68 -0.19 0.00	16.31 -0.16 0.00	14.23 -0.15 0.00	12.23 -0.11 0.00	18.55 -0.17 0.00	15.14 -0.19 0.00	18.31 -0.23 0.00	13.72 -0.16 0.00	16.01 -0.20 0.00	18.85 -0.23 0.00	16.05 -0.19 0.00	16.39 -0.26 0.00	13.73 -0.22 0.00	19.21 -0.32 0.00	24.39 -0.33 0.00	30.46 -0.45 0.00	27.46 -0.35 0.00	30.10 -0.38 0.00	24.99 -0.38 0.00	18.23 -0.25 0.00	15.43 -0.22 0.00
HAMPSHIRE___PAPER_HYD 323593	18.44 -0.35 0.00	18.81 -0.46 0.00	16.70 -0.59 0.00	16.21 -0.66 0.00	20.87 -0.64 -5.03	14.20 -0.60 -0.43	12.91 -0.57 -1.14	23.44 -0.61 -5.33	16.02 -0.41 -1.11	20.68 -0.52 -2.67	5.47 -0.70 7.71	-2.65 -0.88 17.98	2.70 -1.01 15.37	-2.70 -0.87 18.06	-2.36 -0.84 18.18	-3.91 -0.54 17.31	-0.07 -0.66 18.95	19.67 -0.96 4.08	29.98 -0.93 0.00	27.32 -0.49 0.00	33.50 -0.28 -3.29	31.00 -0.60 -6.23	21.83 -0.69 -4.04	19.21 -0.51 -4.06
HARDSCRABBLE_WT_PWR 323673	18.30 -0.49 0.00	18.79 -0.47 0.00	16.84 -0.45 0.00	16.52 -0.35 0.00	16.11 -0.37 0.00	13.98 -0.39 0.00	12.06 -0.28 0.00	18.42 -0.30 0.00	15.22 -0.12 0.00	18.51 -0.03 0.00	14.71 -0.03 -0.86	17.70 -0.32 -1.81	20.26 -0.36 -1.54	17.74 -0.31 -1.82	18.17 -0.32 -1.83	15.44 -0.24 -1.74	21.19 -0.25 -1.92	25.24 0.02 -0.51	30.56 -0.35 0.00	27.42 -0.38 0.00	30.04 -0.45 0.00	24.93 -0.44 0.00	18.15 -0.33 0.00	15.36 -0.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.41 0.62 0.00	19.88 0.62 0.00	17.84 0.55 0.00	17.41 0.54 0.00	16.99 0.51 0.00	14.82 0.45 0.00	12.73 0.39 0.00	19.29 0.57 0.00	15.84 0.51 0.00	19.15 0.61 0.00	14.42 0.54 0.00	16.83 0.63 0.00	19.86 0.78 0.00	16.91 0.68 0.00	17.12 0.76 0.29	14.60 0.66 0.00	20.52 0.99 0.00	26.00 1.29 0.00	32.47 1.56 0.00	29.15 1.34 0.00	31.92 1.44 0.00	26.60 1.23 0.00	19.31 0.82 0.00	16.32 0.67 0.00
HARSNRAD_115KV_TB1 81005	16.18 -1.77 0.83	17.45 -1.82 0.00	14.79 -1.68 0.81	14.48 -1.67 0.72	14.84 -1.63 0.00	12.95 -1.42 0.00	11.12 -1.22 0.00	16.89 -1.83 0.00	13.69 -1.64 0.00	16.73 -1.81 0.00	12.62 -1.27 0.00	14.72 -1.49 0.00	16.80 -1.82 0.46	12.53 -1.44 2.25	12.82 -1.63 2.20	12.23 -1.33 0.38	16.97 -2.04 0.52	22.16 -2.56 0.00	27.58 -3.34 0.00	21.99 -2.88 2.93	27.18 -3.25 0.05	22.46 -2.92 0.00	15.67 -2.11 0.70	12.43 -1.92 1.30
HARZA MOOSE___RIVER 24016	18.86 0.08 0.00	19.25 -0.02 0.00	17.13 -0.16 0.00	16.65 -0.22 0.00	17.68 -0.19 -1.40	14.27 -0.22 -0.12	12.43 -0.23 -0.32	20.12 -0.08 -1.49	15.65 0.01 -0.31	19.28 0.00 -0.75	12.07 -0.30 1.52	12.10 -0.44 3.67	15.43 -0.51 3.14	12.10 -0.44 3.69	12.59 -0.35 3.71	10.25 -0.16 3.53	15.56 -0.11 3.86	23.67 -0.28 0.76	30.69 -0.22 0.00	27.92 0.11 0.00	31.85 0.45 -0.92	27.13 0.02 -1.74	19.39 -0.22 -1.13	16.68 -0.10 -1.14
HDSNBRDG_115KV_BRDG_TB1 355580	18.54 -0.25 0.00	19.00 -0.27 0.00	17.03 -0.26 0.00	16.63 -0.24 0.00	16.23 -0.24 0.00	14.17 -0.21 0.00	12.18 -0.17 0.00	18.47 -0.26 0.00	15.09 -0.24 0.00	18.24 -0.30 0.00	13.67 -0.21 0.00	15.97 -0.24 0.00	18.79 -0.29 0.00	16.00 -0.23 0.00	16.36 -0.29 0.00	13.70 -0.24 0.00	19.17 -0.36 0.00	24.26 -0.46 0.00	30.31 -0.60 0.00	27.31 -0.50 0.00	29.93 -0.55 0.00	24.87 -0.50 0.00	18.13 -0.35 0.00	15.34 -0.31 0.00
HELLGATE_13_KV_LD 55870	19.61 0.82 0.00	20.09 0.82 0.00	18.04 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.86 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.86 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.94 0.00	17.98 1.05 -0.28	14.83 0.89 0.00	20.76 1.23 0.00	26.20 1.48 0.00	32.67 1.76 0.00	29.34 1.53 0.00	32.14 1.66 0.00	26.80 1.43 0.00	19.51 1.03 -0.01	16.52 0.86 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.61 0.82 0.00	20.09 0.82 0.00	18.04 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.86 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.86 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.12 1.05 0.00	17.17 0.94 0.00	17.98 1.05 -0.28	14.83 0.89 0.00	20.76 1.23 0.00	26.20 1.48 0.00	32.67 1.76 0.00	29.34 1.53 0.00	32.14 1.66 0.00	26.80 1.43 0.00	19.51 1.03 -0.01	16.52 0.86 -0.01
HEMPSTEAD____ 23647	25.33 0.99 -5.55	20.24 0.97 0.00	18.13 0.84 0.00	17.67 0.79 0.00	17.22 0.75 0.00	15.03 0.66 0.00	12.91 0.56 0.00	19.57 0.85 0.00	16.07 0.74 0.00	19.40 0.86 0.00	14.65 0.77 0.00	17.11 0.90 0.00	20.11 1.03 0.00	17.13 0.89 0.00	18.02 1.08 -0.29	14.87 0.93 0.00	20.82 1.29 0.00	26.34 1.63 0.00	32.91 2.00 0.00	29.59 1.78 0.00	32.42 1.94 0.00	27.05 1.67 0.00	19.63 1.15 0.00	16.58 0.94 0.00
HEWLETT_69_KV_BK3 55828	25.44 1.10 -5.55	20.35 1.09 0.00	18.24 0.95 0.00	17.78 0.90 0.00	17.32 0.85 0.00	15.11 0.74 0.00	12.98 0.64 0.00	19.68 0.96 0.00	16.16 0.83 0.00	19.50 0.96 0.00	14.74 0.86 0.00	17.21 1.00 0.00	20.23 1.15 0.00	17.23 1.00 0.00	18.11 1.17 -0.29	14.94 1.00 0.00	20.92 1.40 0.00	26.49 1.78 0.00	33.07 2.15 0.00	29.74 1.93 0.00	32.57 2.09 0.00	27.19 1.81 0.00	19.75 1.27 0.00	16.69 1.04 0.00
HICKLING___1 23621	15.33 -0.75 2.71	18.57 -0.70 0.00	13.89 -0.73 2.67	13.91 -0.59 2.37	15.95 -0.53 0.00	13.93 -0.44 0.00	12.01 -0.33 0.00	18.13 -0.60 0.00	14.79 -0.54 0.00	17.90 -0.64 0.00	13.33 -0.55 0.00	15.60 -0.61 0.00	16.81 -0.76 1.50	8.12 -0.72 7.39	8.63 -0.80 7.22	11.98 -0.61 1.35	16.91 -0.85 1.77	23.89 -0.83 0.00	29.74 -1.17 0.00	17.68 -0.97 9.15	29.38 -0.96 0.14	24.47 -0.90 0.00	15.59 -0.72 2.17	10.98 -0.66 4.00
HICKLING___2 23622	15.33 -0.75 2.71	18.57 -0.70 0.00	13.89 -0.73 2.67	13.91 -0.59 2.37	15.95 -0.53 0.00	13.93 -0.44 0.00	12.01 -0.33 0.00	18.13 -0.60 0.00	14.79 -0.54 0.00	17.90 -0.64 0.00	13.33 -0.55 0.00	15.60 -0.61 0.00	16.81 -0.76 1.50	8.12 -0.72 7.39	8.63 -0.80 7.22	11.98 -0.61 1.35	16.91 -0.85 1.77	23.89 -0.83 0.00	29.74 -1.17 0.00	17.68 -0.97 9.15	29.38 -0.96 0.14	24.47 -0.90 0.00	15.59 -0.72 2.17	10.98 -0.66 4.00
HIGH FALLS___HY 23754	19.41 0.62 0.00	19.86 0.59 0.00	17.79 0.51 0.00	17.37 0.50 0.00	16.94 0.47 0.00	14.79 0.42 0.00	12.72 0.37 0.00	19.27 0.54 0.00	15.82 0.49 0.00	19.13 0.59 0.00	14.39 0.51 0.00	16.76 0.55 0.00	19.75 0.68 0.00	16.84 0.61 0.00	17.32 0.67 0.00	14.52 0.58 0.00	20.42 0.89 0.00	25.95 1.24 0.00	32.52 1.61 0.00	29.24 1.43 0.00	32.03 1.55 0.00	26.67 1.30 0.00	19.34 0.86 0.00	16.33 0.69 0.00
HIGH_RIVER___SOLAR 323847	19.49 0.70 0.00	19.97 0.70 0.00	17.93 0.64 0.00	17.49 0.62 0.00	17.07 0.60 0.00	14.89 0.52 0.00	12.79 0.45 0.00	19.36 0.64 0.00	15.72 0.39 0.00	18.82 0.28 0.00	14.05 0.17 0.00	16.55 0.34 0.00	19.40 0.33 0.00	16.50 0.28 0.00	17.01 0.36 0.00	14.18 0.23 0.00	20.15 0.62 0.00	25.64 0.93 0.00	32.18 1.26 0.00	28.98 1.17 0.00	31.78 1.30 0.00	26.42 1.05 0.00	19.20 0.72 0.00	16.24 0.60 0.00

HILLBURN___GT 23639	19.36 0.58 0.00	19.84 0.57 0.00	17.80 0.51 0.00	17.37 0.50 0.00	16.95 0.47 0.00	14.79 0.42 0.00	12.70 0.36 0.00	19.25 0.53 0.00	15.81 0.47 0.00	19.13 0.59 0.00	14.40 0.52 0.00	16.83 0.62 0.00	19.85 0.77 0.00	16.89 0.66 0.00	17.10 0.75 0.30	14.58 0.64 0.00	20.49 0.97 0.00	25.96 1.25 0.00	32.40 1.49 0.00	29.08 1.27 0.00	31.83 1.35 0.00	26.55 1.17 0.00	19.27 0.79 0.00	16.30 0.65 0.00
HILLSIDE_115KV_TB1 80332	15.46 -0.75 2.58	18.56 -0.71 0.00	14.00 -0.75 2.54	14.00 -0.61 2.26	15.89 -0.58 0.00	13.89 -0.48 0.00	11.99 -0.35 0.00	18.12 -0.61 0.00	14.79 -0.53 0.00	17.94 -0.60 0.00	13.37 -0.51 0.00	15.65 -0.55 0.00	16.97 -0.68 1.43	8.53 -0.67 7.03	9.02 -0.75 6.88	12.05 -0.56 1.34	17.02 -0.78 1.73	23.96 -0.75 0.00	29.76 -1.16 0.00	18.14 -1.03 8.64	29.35 -1.00 0.13	24.47 -0.91 0.00	15.72 -0.71 2.05	11.23 -0.64 3.78
HISHELDN_WT_PWR 323625	15.91 -1.68 1.19	17.61 -1.65 0.00	14.58 -1.53 1.17	14.43 -1.40 1.04	15.17 -1.31 0.00	13.23 -1.14 0.00	11.32 -1.02 0.00	17.10 -1.62 0.00	13.90 -1.43 0.00	16.88 -1.66 0.00	12.62 -1.26 0.00	14.73 -1.48 0.00	16.63 -1.78 0.66	11.51 -1.47 3.25	11.85 -1.62 3.17	12.07 -1.32 0.55	16.81 -1.98 0.74	22.34 -2.37 0.00	27.85 -3.06 0.00	21.18 -2.55 4.08	27.65 -2.77 0.06	22.91 -2.47 0.00	15.68 -1.82 0.98	12.20 -1.65 1.80
HOLTSVILLE_IC_1 23690	25.54 1.20 -5.55	20.40 1.14 0.00	18.30 1.01 0.00	17.80 0.93 0.00	17.35 0.88 0.00	15.15 0.78 0.00	13.02 0.67 0.00	19.75 1.03 0.00	16.21 0.88 0.00	19.51 0.97 0.00	14.74 0.86 0.00	17.20 0.99 0.00	20.20 1.13 0.00	17.19 0.96 0.00	18.11 1.18 -0.29	14.99 1.04 0.00	21.00 1.47 0.00	26.55 1.84 0.00	33.16 2.25 0.00	29.85 2.04 0.00	32.72 2.24 0.00	27.25 1.88 0.00	19.76 1.28 0.00	16.69 1.04 0.00
HOLTSVILLE_IC_10 23699	25.62 1.28 -5.55	20.48 1.21 0.00	18.36 1.07 0.00	17.87 0.99 0.00	17.41 0.93 0.00	15.20 0.83 0.00	13.06 0.71 0.00	19.82 1.09 0.00	16.27 0.94 0.00	19.58 1.04 0.00	14.79 0.91 0.00	17.26 1.05 0.00	20.27 1.19 0.00	17.25 1.02 0.00	18.18 1.25 -0.29	15.06 1.11 0.00	21.10 1.58 0.00	26.70 1.99 0.00	33.36 2.45 0.00	30.03 2.22 0.00	32.91 2.43 0.00	27.39 2.02 0.00	19.84 1.36 0.00	16.75 1.10 0.00
HOLTSVILLE_IC_2 23691	25.54 1.20 -5.55	20.40 1.14 0.00	18.30 1.01 0.00	17.80 0.93 0.00	17.35 0.88 0.00	15.15 0.78 0.00	13.02 0.67 0.00	19.75 1.03 0.00	16.21 0.88 0.00	19.51 0.97 0.00	14.74 0.86 0.00	17.20 0.99 0.00	20.20 1.13 0.00	17.19 0.96 0.00	18.11 1.18 -0.29	14.99 1.04 0.00	21.00 1.47 0.00	26.55 1.84 0.00	33.16 2.25 0.00	29.85 2.04 0.00	32.72 2.24 0.00	27.25 1.88 0.00	19.76 1.28 0.00	16.69 1.04 0.00
HOLTSVILLE_IC_3 23692	25.54 1.20 -5.55	20.40 1.14 0.00	18.30 1.01 0.00	17.80 0.93 0.00	17.35 0.88 0.00	15.15 0.78 0.00	13.02 0.67 0.00	19.75 1.03 0.00	16.21 0.88 0.00	19.51 0.97 0.00	14.74 0.86 0.00	17.20 0.99 0.00	20.20 1.13 0.00	17.19 0.96 0.00	18.11 1.18 -0.29	14.99 1.04 0.00	21.00 1.47 0.00	26.55 1.84 0.00	33.16 2.25 0.00	29.85 2.04 0.00	32.72 2.24 0.00	27.25 1.88 0.00	19.76 1.28 0.00	16.69 1.04 0.00
HOLTSVILLE_IC_4 23693	25.54 1.20 -5.55	20.40 1.14 0.00	18.30 1.01 0.00	17.80 0.93 0.00	17.35 0.88 0.00	15.15 0.78 0.00	13.02 0.67 0.00	19.75 1.03 0.00	16.21 0.88 0.00	19.51 0.97 0.00	14.74 0.86 0.00	17.20 0.99 0.00	20.20 1.13 0.00	17.19 0.96 0.00	18.11 1.18 -0.29	14.99 1.04 0.00	21.00 1.47 0.00	26.55 1.84 0.00	33.16 2.25 0.00	29.85 2.04 0.00	32.72 2.24 0.00	27.25 1.88 0.00	19.76 1.28 0.00	16.69 1.04 0.00
HOLTSVILLE_IC_5 23694	25.54 1.20 -5.55	20.40 1.14 0.00	18.30 1.01 0.00	17.80 0.93 0.00	17.35 0.88 0.00	15.15 0.78 0.00	13.02 0.67 0.00	19.75 1.03 0.00	16.21 0.88 0.00	19.51 0.97 0.00	14.74 0.86 0.00	17.20 0.99 0.00	20.20 1.13 0.00	17.19 0.96 0.00	18.11 1.18 -0.29	14.99 1.04 0.00	21.00 1.47 0.00	26.55 1.84 0.00	33.16 2.25 0.00	29.85 2.04 0.00	32.72 2.24 0.00	27.25 1.88 0.00	19.76 1.28 0.00	16.69 1.04 0.00
HOLTSVILLE_IC_6 23695	25.62 1.28 -5.55	20.48 1.21 0.00	18.36 1.07 0.00	17.87 0.99 0.00	17.41 0.93 0.00	15.20 0.83 0.00	13.06 0.71 0.00	19.82 1.09 0.00	16.27 0.94 0.00	19.58 1.04 0.00	14.79 0.91 0.00	17.26 1.05 0.00	20.27 1.19 0.00	17.25 1.02 0.00	18.18 1.25 -0.29	15.06 1.11 0.00	21.10 1.58 0.00	26.70 1.99 0.00	33.36 2.45 0.00	30.03 2.22 0.00	32.91 2.43 0.00	27.39 2.02 0.00	19.84 1.36 0.00	16.75 1.10 0.00
HOLTSVILLE_IC_7 23696	25.62 1.28 -5.55	20.48 1.21 0.00	18.36 1.07 0.00	17.87 0.99 0.00	17.41 0.93 0.00	15.20 0.83 0.00	13.06 0.71 0.00	19.82 1.09 0.00	16.27 0.94 0.00	19.58 1.04 0.00	14.79 0.91 0.00	17.26 1.05 0.00	20.27 1.19 0.00	17.25 1.02 0.00	18.18 1.25 -0.29	15.06 1.11 0.00	21.10 1.58 0.00	26.70 1.99 0.00	33.36 2.45 0.00	30.03 2.22 0.00	32.91 2.43 0.00	27.39 2.02 0.00	19.84 1.36 0.00	16.75 1.10 0.00
HOLTSVILLE_IC_8 23697	25.62 1.28 -5.55	20.48 1.21 0.00	18.36 1.07 0.00	17.87 0.99 0.00	17.41 0.93 0.00	15.20 0.83 0.00	13.06 0.71 0.00	19.82 1.09 0.00	16.27 0.94 0.00	19.58 1.04 0.00	14.79 0.91 0.00	17.26 1.05 0.00	20.27 1.19 0.00	17.25 1.02 0.00	18.18 1.25 -0.29	15.06 1.11 0.00	21.10 1.58 0.00	26.70 1.99 0.00	33.36 2.45 0.00	30.03 2.22 0.00	32.91 2.43 0.00	27.39 2.02 0.00	19.84 1.36 0.00	16.75 1.10 0.00
HOLTSVILLE_IC_9 23698	25.62 1.28 -5.55	20.48 1.21 0.00	18.36 1.07 0.00	17.87 0.99 0.00	17.41 0.93 0.00	15.20 0.83 0.00	13.06 0.71 0.00	19.82 1.09 0.00	16.27 0.94 0.00	19.58 1.04 0.00	14.79 0.91 0.00	17.26 1.05 0.00	20.27 1.19 0.00	17.25 1.02 0.00	18.18 1.25 -0.29	15.06 1.11 0.00	21.10 1.58 0.00	26.70 1.99 0.00	33.36 2.45 0.00	30.03 2.22 0.00	32.91 2.43 0.00	27.39 2.02 0.00	19.84 1.36 0.00	16.75 1.10 0.00
HOMER_HL_115KV_TB2 355744	16.82 -0.70 1.27	18.59 -0.68 0.00	15.36 -0.68 1.25	15.16 -0.60 1.11	15.95 -0.52 0.00	13.88 -0.49 0.00	11.97 -0.38 0.00	18.17 -0.55 0.00	14.80 -0.53 0.00	18.05 -0.49 0.00	13.46 -0.42 0.00	15.70 -0.51 0.00	17.67 -0.71 0.70	12.18 -0.60 3.45	12.59 -0.69 3.37	12.74 -0.61 0.60	17.84 -0.88 0.80	23.70 -1.01 0.00	29.54 -1.37 0.00	22.02 -1.15 4.65	29.06 -1.35 0.07	24.07 -1.30 0.00	16.45 -0.92 1.12	12.81 -0.79 2.04
HOWARD_WT_PWR 323690	13.75 -1.91 3.13	17.26 -2.01 0.00	12.38 -1.83 3.08	12.91 -1.23 2.74	15.45 -1.02 0.00	13.21 -1.16 0.00	11.43 -0.91 0.00	17.02 -1.71 0.00	14.05 -1.28 0.00	16.70 -1.84 0.00	12.12 -1.76 0.00	14.20 -2.01 0.00	14.54 -2.80 1.73	5.33 -2.38 8.52	5.85 -2.46 8.34	10.36 -2.05 1.54	14.82 -2.66 2.04	21.57 -3.15 0.00	27.54 -3.37 0.00	13.77 -2.80 11.23	27.54 -2.77 0.17	22.57 -2.80 0.00	13.56 -2.25 2.66	8.77 -1.97 4.92

HQ_GEN_CEDARS 23644	18.77 -0.02 0.00	19.25 -0.01 0.00	17.22 -0.06 0.00	16.80 -0.07 0.00	17.63 -0.07 -1.23	14.44 -0.04 -0.10	12.57 -0.05 -0.28	19.95 -0.08 -1.30	15.56 -0.04 -0.27	19.19 0.00 -0.65	-2.55 -0.07 16.36	-18.90 -0.07 35.04	-10.88 -0.08 29.87	-19.04 -0.11 35.15	-18.92 -0.12 35.45	-19.80 -0.09 33.66	-17.72 -0.10 37.15	15.00 -0.04 9.67	31.03 0.12 0.00	27.90 0.09 0.00	31.38 0.10 -0.80	26.93 0.03 -1.52	19.46 -0.01 -0.99	16.63 0.00 -0.99
HQ_GEN_CEDARS_PROXY 323590	18.77 -0.01 0.00	19.25 -0.01 0.00	17.22 -0.06 0.00	16.80 -0.07 0.00	17.63 -0.07 -1.23	14.44 -0.04 -0.10	12.57 -0.05 -0.28	19.95 -0.08 -1.30	15.56 -0.04 -0.27	19.19 0.00 -0.65	-2.55 -0.07 16.36	-18.91 -0.07 35.04	-10.88 -0.08 29.87	-19.03 -0.11 35.15	-18.92 -0.12 35.45	-19.79 -0.07 33.66	-17.72 -0.10 37.15	15.00 -0.04 9.67	31.03 0.12 0.00	27.91 0.10 0.00	31.38 0.10 -0.80	26.93 0.03 -1.52	19.46 -0.01 -0.99	16.63 -0.01 -0.99
HQ_GEN_IMPORT 323601	18.77 -0.02 0.00	19.25 -0.01 0.00	17.25 -0.03 0.00	16.83 -0.04 0.00	16.44 -0.03 0.00	14.36 -0.01 0.00	12.32 -0.02 0.00	18.69 -0.03 0.00	15.32 -0.01 0.00	18.55 0.01 0.00	11.96 -0.02 1.90	12.17 -0.01 4.03	15.62 -0.02 3.43	12.15 -0.04 4.04	12.53 -0.05 4.07	10.05 -0.03 3.87	15.21 -0.04 4.27	23.56 -0.01 1.14	30.97 0.06 0.00	24.93 0.03 2.91	27.42 0.01 3.08	25.38 0.01 0.00	18.48 0.00 0.00	15.65 0.00 0.00
HQ_GEN_WHEEL 23651	18.77 -0.02 0.00	19.25 -0.01 0.00	17.25 -0.03 0.00	16.83 -0.04 0.00	16.44 -0.03 0.00	14.36 -0.01 0.00	12.32 -0.02 0.00	18.69 -0.03 0.00	15.32 -0.01 0.00	18.55 0.01 0.00	11.96 -0.02 1.90	12.17 -0.01 4.03	15.62 -0.02 3.43	12.15 -0.04 4.04	12.53 -0.05 4.07	10.05 -0.03 3.87	15.21 -0.04 4.27	23.56 -0.01 1.14	30.97 0.06 0.00	24.93 0.03 2.91	27.42 0.01 3.08	25.38 0.01 0.00	18.48 0.00 0.00	15.65 0.00 0.00
HUDSON AVE_GT_3 23810	19.59 0.80 0.00	20.07 0.80 0.00	18.00 0.72 0.00	17.60 0.73 0.00	17.16 0.68 0.00	14.96 0.58 0.00	12.84 0.50 0.00	19.46 0.74 0.00	15.99 0.66 0.00	19.37 0.84 0.00	14.62 0.74 0.00	17.06 0.85 0.00	20.10 1.03 0.00	17.15 0.92 0.00	17.96 1.03 -0.28	14.83 0.88 0.00	20.76 1.24 0.00	26.21 1.49 0.00	32.71 1.80 0.00	29.37 1.56 0.00	32.17 1.69 0.00	26.83 1.45 0.00	19.50 1.02 0.00	16.50 0.85 0.00
HUDSON AVE_GT_4 23540	19.59 0.80 0.00	20.07 0.80 0.00	18.00 0.72 0.00	17.60 0.73 0.00	17.16 0.68 0.00	14.96 0.58 0.00	12.84 0.50 0.00	19.46 0.74 0.00	15.99 0.66 0.00	19.37 0.84 0.00	14.62 0.74 0.00	17.06 0.85 0.00	20.10 1.03 0.00	17.15 0.92 0.00	17.96 1.03 -0.28	14.83 0.88 0.00	20.76 1.24 0.00	26.21 1.49 0.00	32.71 1.80 0.00	29.37 1.56 0.00	32.17 1.69 0.00	26.83 1.45 0.00	19.50 1.02 0.00	16.50 0.85 0.00
HUDSON AVE_GT_5 23657	19.59 0.80 0.00	20.07 0.80 0.00	18.00 0.72 0.00	17.60 0.73 0.00	17.16 0.68 0.00	14.96 0.58 0.00	12.84 0.50 0.00	19.46 0.74 0.00	15.99 0.66 0.00	19.37 0.84 0.00	14.62 0.74 0.00	17.06 0.85 0.00	20.10 1.03 0.00	17.15 0.92 0.00	17.96 1.03 -0.28	14.83 0.88 0.00	20.76 1.24 0.00	26.21 1.49 0.00	32.71 1.80 0.00	29.37 1.56 0.00	32.17 1.69 0.00	26.83 1.45 0.00	19.50 1.02 0.00	16.50 0.85 0.00
HUDSON_AVE_10 24168	19.53 0.74 0.00	20.01 0.75 0.00	17.96 0.67 0.00	17.57 0.69 0.00	17.11 0.64 0.00	14.92 0.55 0.00	12.81 0.47 0.00	19.41 0.69 0.00	15.95 0.62 0.00	19.33 0.78 0.00	14.58 0.70 0.00	17.01 0.80 0.00	20.05 0.97 0.00	17.11 0.88 0.00	17.92 0.98 -0.28	14.79 0.85 0.00	20.70 1.18 0.00	26.13 1.42 0.00	32.61 1.69 0.00	29.28 1.47 0.00	32.07 1.59 0.00	26.75 1.38 0.00	19.44 0.96 0.00	16.45 0.81 0.00
HUDSON___115KV_TB 4 355613	19.43 0.64 0.00	19.98 0.71 0.00	18.03 0.74 0.00	17.62 0.75 0.00	17.18 0.71 0.00	14.96 0.59 0.00	12.86 0.51 0.00	19.49 0.77 0.00	15.91 0.59 0.00	19.08 0.54 0.00	14.25 0.36 0.00	16.66 0.45 0.00	19.57 0.50 0.00	16.63 0.40 0.00	17.12 0.47 0.00	14.41 0.46 0.00	20.18 0.66 0.00	25.60 0.88 0.00	32.05 1.14 0.00	28.97 1.16 0.00	31.75 1.26 0.00	26.43 1.05 0.00	19.23 0.75 0.00	16.29 0.64 0.00
HUNTER MOUNT___DRP 323613	19.56 0.77 0.00	20.11 0.84 0.00	18.16 0.87 0.00	17.74 0.86 0.00	17.30 0.82 0.00	15.06 0.69 0.00	12.94 0.59 0.00	19.64 0.91 0.00	16.01 0.68 0.00	19.15 0.61 0.00	14.27 0.39 0.00	16.70 0.49 0.00	19.63 0.55 0.00	16.66 0.42 0.00	17.16 0.51 0.00	14.46 0.52 0.00	20.27 0.74 0.00	25.72 1.01 0.00	32.25 1.34 0.00	29.16 1.35 0.00	31.95 1.47 0.00	26.57 1.20 0.00	19.34 0.86 0.00	16.37 0.72 0.00
HUNTINGTON_RES_REC 323705	25.51 1.18 -5.55	20.41 1.14 0.00	18.28 0.99 0.00	17.79 0.92 0.00	17.34 0.87 0.00	15.14 0.77 0.00	13.00 0.66 0.00	19.73 1.01 0.00	16.20 0.88 0.00	19.51 0.97 0.00	14.74 0.86 0.00	17.20 0.99 0.00	20.21 1.13 0.00	17.19 0.96 0.00	18.12 1.19 -0.29	14.99 1.05 0.00	21.00 1.47 0.00	26.59 1.87 0.00	33.21 2.30 0.00	29.88 2.07 0.00	32.73 2.25 0.00	27.25 1.88 0.00	19.75 1.27 0.00	16.68 1.03 0.00
HUNTLEY___63 23557	16.27 -1.65 0.87	17.58 -1.69 0.00	14.86 -1.57 0.86	14.55 -1.56 0.76	14.96 -1.52 0.00	13.05 -1.32 0.00	11.20 -1.14 0.00	17.01 -1.72 0.00	13.79 -1.54 0.00	16.88 -1.67 0.00	12.72 -1.16 0.00	14.84 -1.37 0.00	16.93 -1.66 0.48	12.54 -1.32 2.38	12.82 -1.50 2.32	12.32 -1.22 0.41	17.09 -1.89 0.55	22.36 -2.36 0.00	27.83 -3.09 0.00	22.01 -2.70 3.10	27.42 -3.01 0.05	22.66 -2.71 0.00	15.75 -1.98 0.75	12.41 -1.87 1.37
HUNTLEY___64 23558	16.27 -1.65 0.87	17.58 -1.69 0.00	14.86 -1.57 0.86	14.55 -1.56 0.76	14.96 -1.52 0.00	13.05 -1.32 0.00	11.20 -1.14 0.00	17.01 -1.72 0.00	13.79 -1.54 0.00	16.88 -1.67 0.00	12.72 -1.16 0.00	14.84 -1.37 0.00	16.93 -1.66 0.48	12.54 -1.32 2.38	12.82 -1.50 2.32	12.32 -1.22 0.41	17.09 -1.89 0.55	22.36 -2.36 0.00	27.83 -3.09 0.00	22.01 -2.70 3.10	27.42 -3.01 0.05	22.66 -2.71 0.00	15.75 -1.98 0.75	12.41 -1.87 1.37
HUNTLEY___65 23559	16.27 -1.65 0.87	17.58 -1.69 0.00	14.86 -1.57 0.86	14.55 -1.56 0.76	14.96 -1.52 0.00	13.05 -1.32 0.00	11.20 -1.14 0.00	17.01 -1.72 0.00	13.79 -1.54 0.00	16.88 -1.67 0.00	12.72 -1.16 0.00	14.84 -1.37 0.00	16.93 -1.66 0.48	12.54 -1.32 2.38	12.82 -1.50 2.32	12.32 -1.22 0.41	17.09 -1.89 0.55	22.36 -2.36 0.00	27.83 -3.09 0.00	22.01 -2.70 3.10	27.42 -3.01 0.05	22.66 -2.71 0.00	15.75 -1.98 0.75	12.41 -1.87 1.37
HUNTLEY___66 23560	16.27 -1.65 0.87	17.58 -1.69 0.00	14.86 -1.57 0.86	14.55 -1.56 0.76	14.96 -1.52 0.00	13.05 -1.32 0.00	11.20 -1.14 0.00	17.01 -1.72 0.00	13.79 -1.54 0.00	16.88 -1.67 0.00	12.72 -1.16 0.00	14.84 -1.37 0.00	16.93 -1.66 0.48	12.54 -1.32 2.38	12.82 -1.50 2.32	12.32 -1.22 0.41	17.09 -1.89 0.55	22.36 -2.36 0.00	27.83 -3.09 0.00	22.01 -2.70 3.10	27.42 -3.01 0.05	22.66 -2.71 0.00	15.75 -1.98 0.75	12.41 -1.87 1.37



HUNTLEY___67 23561	16.17 -1.71 0.91	17.53 -1.73 0.00	14.78 -1.61 0.89	14.49 -1.60 0.79	14.92 -1.55 0.00	13.02 -1.36 0.00	11.18 -1.16 0.00	16.97 -1.76 0.00	13.77 -1.56 0.00	16.84 -1.70 0.00	12.68 -1.19 0.00	14.80 -1.41 0.00	16.86 -1.71 0.50	12.39 -1.38 2.46	12.67 -1.57 2.41	12.25 -1.28 0.42	17.00 -1.96 0.56	22.29 -2.43 0.00	27.76 -3.16 0.00	21.91 -2.75 3.14	27.35 -3.08 0.05	22.61 -2.76 0.00	15.69 -2.01 0.78	12.43 -1.83 1.39
HUNTLEY___68 23562	16.17 -1.71 0.91	17.53 -1.73 0.00	14.78 -1.61 0.89	14.49 -1.60 0.79	14.92 -1.55 0.00	13.02 -1.36 0.00	11.18 -1.16 0.00	16.97 -1.76 0.00	13.77 -1.56 0.00	16.84 -1.70 0.00	12.68 -1.19 0.00	14.80 -1.41 0.00	16.86 -1.71 0.50	12.39 -1.38 2.46	12.67 -1.57 2.41	12.25 -1.28 0.42	17.00 -1.96 0.56	22.29 -2.43 0.00	27.76 -3.16 0.00	21.91 -2.75 3.14	27.35 -3.08 0.05	22.61 -2.76 0.00	15.69 -2.01 0.78	12.43 -1.83 1.39
HYLAND___LFGE 323620	16.86 -0.62 1.30	18.65 -0.61 0.00	15.37 -0.63 1.28	15.16 -0.57 1.14	15.99 -0.49 0.00	13.96 -0.42 0.00	12.01 -0.33 0.00	18.19 -0.53 0.00	14.65 -0.68 0.00	17.45 -1.09 0.00	13.02 -0.86 0.00	15.20 -1.01 0.00	17.13 -1.22 0.72	11.66 -1.02 3.55	12.03 -1.15 3.47	12.41 -0.93 0.61	17.37 -1.35 0.81	23.15 -1.56 0.00	29.14 -1.78 0.00	22.57 -0.81 4.43	29.75 -0.67 0.07	24.61 -0.76 0.00	16.78 -0.64 1.06	13.01 -0.69 1.95
INDECK___CORINTH 23802	20.07 1.29 0.00	20.52 1.25 0.00	18.41 1.13 0.00	17.97 1.10 0.00	17.53 1.06 0.00	15.27 0.90 0.00	13.14 0.80 0.00	19.96 1.24 0.00	16.32 0.99 0.00	19.65 1.11 0.00	14.60 0.72 0.00	17.08 0.87 0.00	20.02 0.94 0.00	17.02 0.79 0.00	17.51 0.86 0.00	14.65 0.70 0.00	20.67 1.14 0.00	26.24 1.52 0.00	33.02 2.10 0.00	29.57 1.76 0.00	32.73 2.24 0.00	27.08 1.71 0.00	19.71 1.23 0.00	16.69 1.04 0.00
INDECK___ILION 23567	18.89 0.10 0.00	19.36 0.09 0.00	17.42 0.14 0.00	17.03 0.16 0.00	16.61 0.14 0.00	14.48 0.11 0.00	12.46 0.11 0.00	18.85 0.12 0.00	15.37 0.04 0.00	18.52 -0.02 0.00	14.76 0.02 -0.86	18.02 0.00 -1.81	20.68 0.06 -1.54	18.03 -0.01 -1.82	18.50 0.02 -1.83	15.72 0.03 -1.74	21.64 0.20 -1.92	25.48 0.26 -0.51	31.23 0.31 0.00	28.14 0.33 0.00	30.87 0.38 0.00	25.70 0.32 0.00	18.68 0.21 0.00	15.81 0.16 0.00
INDECK___OLEAN 23982	16.81 -0.71 1.27	18.58 -0.68 0.00	15.36 -0.69 1.25	15.16 -0.60 1.11	15.95 -0.52 0.00	13.88 -0.49 0.00	11.97 -0.38 0.00	18.17 -0.55 0.00	14.80 -0.53 0.00	18.05 -0.49 0.00	13.45 -0.43 0.00	15.69 -0.52 0.00	17.66 -0.72 0.70	12.18 -0.60 3.45	12.58 -0.70 3.37	12.74 -0.61 0.60	17.82 -0.90 0.80	23.70 -1.01 0.00	29.54 -1.37 0.00	22.01 -1.16 4.65	29.05 -1.35 0.07	24.08 -1.29 0.00	16.44 -0.92 1.12	12.82 -0.79 2.04
INDECK___OSWEGO 23783	18.43 -0.36 0.00	18.89 -0.38 0.00	16.92 -0.37 0.00	16.50 -0.37 0.00	16.12 -0.36 0.00	14.05 -0.32 0.00	12.08 -0.26 0.00	18.36 -0.36 0.00	15.00 -0.33 0.00	18.14 -0.40 0.00	13.15 -0.31 0.42	14.96 -0.36 0.88	17.88 -0.44 0.75	14.98 -0.37 0.88	15.35 -0.41 0.89	12.74 -0.37 0.84	18.07 -0.52 0.93	23.75 -0.71 0.25	30.00 -0.91 0.00	27.06 -0.74 0.00	29.69 -0.79 0.00	24.66 -0.71 0.00	17.98 -0.50 0.00	15.23 -0.42 0.00
INDECK___YERKES 23781	16.27 -1.64 0.87	17.59 -1.68 0.00	14.87 -1.56 0.86	14.56 -1.55 0.76	14.97 -1.51 0.00	13.06 -1.31 0.00	11.21 -1.13 0.00	17.02 -1.70 0.00	13.81 -1.52 0.00	16.89 -1.65 0.00	12.73 -1.15 0.00	14.85 -1.36 0.00	16.94 -1.65 0.48	12.55 -1.31 2.38	12.83 -1.49 2.32	12.33 -1.21 0.41	17.09 -1.89 0.55	22.38 -2.33 0.00	27.86 -3.06 0.00	22.04 -2.67 3.10	27.44 -2.99 0.05	22.69 -2.68 0.00	15.76 -1.97 0.75	12.43 -1.85 1.37
INDIAN POINT_GT_1 24139	19.39 0.60 0.00	19.86 0.60 0.00	17.82 0.54 0.00	17.41 0.53 0.00	16.98 0.50 0.00	14.81 0.44 0.00	12.72 0.38 0.00	19.27 0.55 0.00	15.83 0.50 0.00	19.15 0.61 0.00	14.43 0.55 0.00	16.84 0.63 0.00	19.85 0.77 0.00	16.91 0.68 0.00	17.41 0.77 0.00	14.61 0.66 0.00	20.49 0.96 0.00	25.93 1.22 0.00	32.37 1.45 0.00	29.07 1.26 0.00	31.84 1.36 0.00	26.54 1.17 0.00	19.28 0.80 0.00	16.32 0.67 0.00
INDIAN POINT_GT_2 23659	19.39 0.60 0.00	19.86 0.60 0.00	17.82 0.54 0.00	17.41 0.53 0.00	16.98 0.50 0.00	14.81 0.44 0.00	12.72 0.38 0.00	19.27 0.55 0.00	15.83 0.50 0.00	19.15 0.61 0.00	14.43 0.55 0.00	16.84 0.63 0.00	19.85 0.77 0.00	16.91 0.68 0.00	17.41 0.77 0.00	14.61 0.66 0.00	20.49 0.96 0.00	25.93 1.22 0.00	32.37 1.45 0.00	29.07 1.26 0.00	31.84 1.36 0.00	26.54 1.17 0.00	19.28 0.80 0.00	16.32 0.67 0.00
INDIAN POINT_GT_3 24019	19.39 0.60 0.00	19.86 0.60 0.00	17.82 0.54 0.00	17.41 0.53 0.00	16.98 0.50 0.00	14.81 0.44 0.00	12.72 0.38 0.00	19.27 0.55 0.00	15.83 0.50 0.00	19.15 0.61 0.00	14.43 0.55 0.00	16.84 0.63 0.00	19.85 0.77 0.00	16.91 0.68 0.00	17.41 0.77 0.00	14.61 0.66 0.00	20.49 0.96 0.00	25.93 1.22 0.00	32.37 1.45 0.00	29.07 1.26 0.00	31.84 1.36 0.00	26.54 1.17 0.00	19.28 0.80 0.00	16.32 0.67 0.00
INDIAN POINT___2 23530	19.32 0.53 0.00	19.79 0.52 0.00	17.76 0.47 0.00	17.34 0.47 0.00	16.92 0.44 0.00	14.76 0.39 0.00	12.68 0.33 0.00	19.21 0.49 0.00	15.77 0.44 0.00	19.08 0.54 0.00	14.37 0.49 0.00	16.78 0.57 0.00	19.78 0.71 0.00	16.84 0.61 0.00	16.91 0.70 0.44	14.54 0.59 0.00	20.42 0.89 0.00	25.86 1.15 0.00	32.28 1.36 0.00	28.97 1.16 0.00	31.73 1.25 0.00	26.46 1.09 0.00	19.22 0.74 0.00	16.26 0.61 0.00
INDIAN POINT___3 23531	19.41 0.62 0.00	19.89 0.62 0.00	17.85 0.57 0.00	17.43 0.56 0.00	17.00 0.53 0.00	14.83 0.46 0.00	12.74 0.39 0.00	19.30 0.58 0.00	15.85 0.52 0.00	19.18 0.64 0.00	14.45 0.57 0.00	16.87 0.66 0.00	19.88 0.80 0.00	16.94 0.71 0.00	17.88 0.79 -0.44	14.63 0.68 0.00	20.52 0.99 0.00	25.95 1.24 0.00	32.39 1.48 0.00	29.09 1.28 0.00	31.87 1.39 0.00	26.57 1.20 0.00	19.30 0.82 0.00	16.34 0.69 0.00
INGHAM_C_115KV_TB7 356103	18.93 0.15 0.00	19.40 0.13 0.00	17.53 0.24 0.00	17.16 0.29 0.00	16.72 0.25 0.00	14.56 0.19 0.00	12.56 0.22 0.00	18.92 0.20 0.00	15.33 0.00 0.00	18.35 -0.19 0.00	14.69 -0.05 -0.86	17.92 -0.10 -1.81	20.64 0.02 -1.54	17.90 -0.15 -1.82	18.39 -0.09 -1.83	15.66 -0.03 -1.74	21.78 0.33 -1.92	25.68 0.46 -0.51	31.49 0.58 0.00	28.44 0.63 0.00	31.22 0.74 0.00	26.02 0.65 0.00	18.88 0.40 0.00	15.97 0.32 0.00
IP CORINTH___1 23988	20.07 1.29 0.00	20.52 1.25 0.00	18.41 1.13 0.00	17.97 1.10 0.00	17.53 1.06 0.00	15.27 0.90 0.00	13.14 0.80 0.00	19.96 1.24 0.00	16.32 0.99 0.00	19.65 1.11 0.00	14.60 0.72 0.00	17.08 0.88 0.00	20.02 0.94 0.00	17.02 0.79 0.00	17.51 0.86 0.00	14.65 0.71 0.00	20.67 1.14 0.00	26.24 1.52 0.00	33.02 2.10 0.00	29.57 1.76 0.00	32.73 2.24 0.00	27.09 1.71 0.00	19.71 1.23 0.00	16.69 1.04 0.00

IP___TICONDEROGA 23804	20.99 2.20 0.00	21.34 2.07 0.00	19.06 1.78 0.00	18.62 1.74 0.00	18.14 1.67 0.00	15.79 1.42 0.00	13.64 1.30 0.00	20.75 2.03 0.00	16.93 1.61 0.00	20.33 1.79 0.00	15.09 1.21 0.00	17.66 1.45 0.00	20.72 1.65 0.00	17.61 1.38 0.00	18.14 1.49 0.00	15.21 1.26 0.00	21.60 2.07 0.00	27.54 2.83 0.00	34.45 3.53 0.00	30.96 3.15 0.00	34.08 3.60 0.00	28.18 2.81 0.00	20.34 1.85 0.00	17.23 1.58 0.00
ISLIP_RES_REC 323679	25.68 1.34 -5.55	20.53 1.27 0.00	18.41 1.12 0.00	17.90 1.03 0.00	17.45 0.97 0.00	15.24 0.87 0.00	13.09 0.75 0.00	19.87 1.15 0.00	16.31 0.98 0.00	19.63 1.09 0.00	14.83 0.95 0.00	17.30 1.09 0.00	20.32 1.24 0.00	17.30 1.07 0.00	18.24 1.30 -0.29	15.11 1.16 0.00	21.19 1.66 0.00	26.81 2.10 0.00	33.51 2.59 0.00	30.16 2.35 0.00	33.04 2.56 0.00	27.49 2.12 0.00	19.91 1.43 0.00	16.80 1.15 0.00
JAMAICA__27_KV_LOAD 355505	19.68 0.89 0.00	20.18 0.92 0.00	18.12 0.83 0.00	17.75 0.87 0.00	17.26 0.79 0.00	15.04 0.67 0.00	12.93 0.58 0.00	19.58 0.86 0.00	16.08 0.75 0.00	19.47 0.93 0.00	14.70 0.81 0.00	17.12 0.91 0.00	20.19 1.12 0.00	17.24 1.01 0.00	18.06 1.12 -0.28	14.92 0.98 0.00	20.85 1.33 0.00	26.33 1.62 0.00	32.84 1.93 0.00	29.47 1.67 0.00	32.30 1.82 0.00	26.95 1.58 0.00	19.58 1.10 0.00	16.60 0.95 0.00
JANIS___SOLAR 323808	22.09 0.33 -2.97	19.49 0.22 0.00	20.39 0.18 -2.92	19.60 0.14 -2.59	16.62 0.14 0.00	14.55 0.18 0.00	12.53 0.19 0.00	19.04 0.32 0.00	15.43 0.10 0.00	18.40 -0.14 0.00	13.76 -0.12 0.00	16.05 -0.16 0.00	20.45 -0.27 -1.65	24.03 -0.31 -8.11	24.32 -0.26 -7.93	15.19 -0.17 -1.42	21.31 -0.12 -1.91	24.76 0.04 0.00	31.44 0.53 0.00	39.52 0.69 -11.01	31.42 0.77 -0.17	25.83 0.46 0.00	21.30 0.22 -2.60	20.65 0.19 -4.81
JARVIS____ 23743	18.82 0.04 0.00	19.30 0.04 0.00	17.32 0.04 0.00	16.91 0.04 0.00	16.51 0.04 0.00	14.40 0.02 0.00	12.37 0.02 0.00	18.76 0.04 0.00	15.36 0.03 0.00	18.58 0.04 0.00	14.76 0.02 -0.86	18.04 0.01 -1.81	20.65 0.03 -1.54	18.07 0.02 -1.82	18.52 0.04 -1.83	15.72 0.03 -1.74	21.51 0.05 -1.92	25.28 0.05 -0.51	30.95 0.04 0.00	27.85 0.04 0.00	30.54 0.06 0.00	25.42 0.05 0.00	18.52 0.04 0.00	15.68 0.03 0.00
JENNISON___1 23625	19.98 0.32 -0.87	19.30 0.03 0.00	18.32 0.17 -0.85	17.61 -0.02 -0.76	16.52 0.05 0.00	14.55 0.18 0.00	12.45 0.11 0.00	19.02 0.30 0.00	15.54 0.21 0.00	18.54 0.00 0.00	13.83 -0.05 0.00	16.15 -0.06 0.00	19.45 -0.11 -0.49	18.43 -0.19 -2.40	18.82 -0.17 -2.34	14.33 -0.03 -0.42	20.01 -0.05 -0.54	24.74 0.03 0.00	31.40 0.48 0.00	31.10 0.65 -2.64	31.19 0.67 -0.04	25.63 0.25 0.00	19.04 -0.06 -0.62	16.97 0.17 -1.15
JENNISON___2 23626	19.98 0.32 -0.87	19.30 0.03 0.00	18.32 0.17 -0.85	17.61 -0.02 -0.76	16.52 0.05 0.00	14.55 0.18 0.00	12.45 0.11 0.00	19.02 0.30 0.00	15.54 0.21 0.00	18.54 0.00 0.00	13.83 -0.05 0.00	16.15 -0.06 0.00	19.45 -0.11 -0.49	18.43 -0.19 -2.40	18.82 -0.17 -2.34	14.33 -0.03 -0.42	20.01 -0.05 -0.54	24.74 0.03 0.00	31.40 0.48 0.00	31.10 0.65 -2.64	31.19 0.67 -0.04	25.63 0.25 0.00	19.04 -0.06 -0.62	16.97 0.17 -1.15
JERICHO_RISE_WT_PWR 323719	18.34 -0.45 0.00	18.67 -0.59 0.00	16.61 -0.68 0.00	16.22 -0.66 0.00	-23.83 -0.74 39.56	10.47 -0.51 3.39	2.93 -0.44 8.96	-23.97 -0.78 41.91	6.06 -0.53 8.74	-3.11 -0.65 21.00	-9.61 -0.54 22.94	-20.05 -0.64 35.62	-11.45 -0.54 29.98	-19.79 -0.55 35.47	-20.16 -0.68 36.13	-20.39 -0.48 33.86	-20.06 -0.79 38.79	5.81 -0.89 18.01	30.35 -0.56 0.00	27.52 -0.29 0.00	3.82 -0.77 25.89	-24.54 -0.91 49.00	-13.99 -0.68 31.79	-16.90 -0.60 31.95
KATONAH___115KV_46KV_TB4 355592	19.55 0.77 0.00	20.04 0.77 0.00	17.98 0.69 0.00	17.56 0.68 0.00	17.12 0.65 0.00	14.93 0.56 0.00	12.83 0.48 0.00	19.45 0.72 0.00	15.98 0.65 0.00	19.34 0.81 0.00	14.57 0.70 0.00	17.01 0.80 0.00	20.04 0.96 0.00	17.08 0.85 0.00	17.78 0.94 -0.18	14.75 0.81 0.00	20.68 1.15 0.00	26.14 1.43 0.00	32.64 1.73 0.00	29.34 1.53 0.00	32.13 1.65 0.00	26.77 1.40 0.00	19.44 0.96 0.00	16.45 0.80 0.00
KCE_NY_1 323755	19.81 1.02 0.00	20.26 0.99 0.00	18.20 0.91 0.00	17.77 0.89 0.00	17.35 0.88 0.00	15.11 0.74 0.00	12.99 0.65 0.00	19.71 0.99 0.00	16.09 0.76 0.00	19.39 0.85 0.00	14.51 0.63 0.00	16.95 0.75 0.00	19.91 0.83 0.00	16.95 0.72 0.00	17.45 0.80 0.00	14.61 0.66 0.00	20.56 1.03 0.00	26.08 1.36 0.00	32.65 1.73 0.00	29.36 1.56 0.00	32.31 1.83 0.00	26.79 1.41 0.00	19.49 1.01 0.00	16.49 0.84 0.00
KCE_NY_6_ESR 323823	16.38 -1.44 0.97	17.82 -1.45 0.00	14.97 -1.36 0.96	14.69 -1.34 0.85	15.19 -1.29 0.00	13.26 -1.12 0.00	11.38 -0.96 0.00	17.26 -1.46 0.00	14.01 -1.32 0.00	17.11 -1.43 0.00	12.86 -1.02 0.00	15.00 -1.21 0.00	17.08 -1.47 0.54	12.41 -1.18 2.64	12.71 -1.36 2.58	12.40 -1.10 0.45	17.22 -1.70 0.61	22.68 -2.03 0.00	28.24 -2.68 0.00	22.05 -2.31 3.44	27.87 -2.56 0.06	23.04 -2.33 0.00	15.93 -1.71 0.83	12.55 -1.58 1.52
KEDC_PORT_JEFF_GT2 24210	25.59 1.26 -5.55	20.46 1.19 0.00	18.34 1.05 0.00	17.85 0.97 0.00	17.39 0.91 0.00	15.18 0.81 0.00	13.04 0.70 0.00	19.79 1.07 0.00	16.25 0.92 0.00	19.56 1.03 0.00	14.78 0.90 0.00	17.25 1.04 0.00	20.26 1.18 0.00	17.24 1.01 0.00	18.17 1.24 -0.29	15.04 1.10 0.00	21.08 1.55 0.00	26.67 1.95 0.00	33.32 2.41 0.00	29.99 2.18 0.00	32.86 2.38 0.00	27.36 1.98 0.00	19.82 1.34 0.00	16.73 1.09 0.00
KEDC_PORT_JEFF_GT3 24211	25.59 1.26 -5.55	20.46 1.19 0.00	18.34 1.05 0.00	17.85 0.97 0.00	17.39 0.91 0.00	15.18 0.81 0.00	13.04 0.70 0.00	19.79 1.07 0.00	16.25 0.92 0.00	19.56 1.03 0.00	14.78 0.90 0.00	17.25 1.04 0.00	20.26 1.18 0.00	17.24 1.01 0.00	18.17 1.24 -0.29	15.04 1.10 0.00	21.08 1.55 0.00	26.67 1.95 0.00	33.32 2.41 0.00	29.99 2.18 0.00	32.86 2.38 0.00	27.36 1.98 0.00	19.82 1.34 0.00	16.73 1.09 0.00
KEDC_GLWD_GT4 24219	25.40 1.06 -5.55	20.31 1.04 0.00	18.20 0.91 0.00	17.73 0.86 0.00	17.28 0.81 0.00	15.08 0.71 0.00	12.95 0.61 0.00	19.64 0.92 0.00	16.13 0.80 0.00	19.48 0.94 0.00	14.72 0.84 0.00	17.18 0.97 0.00	20.19 1.12 0.00	17.21 0.98 0.00	18.09 1.16 -0.29	14.94 1.00 0.00	20.92 1.39 0.00	26.46 1.75 0.00	33.04 2.13 0.00	29.71 1.90 0.00	32.55 2.06 0.00	27.16 1.78 0.00	19.70 1.23 0.00	16.65 1.00 0.00
KEDC_GLWD_GT5 24220	25.40 1.06 -5.55	20.31 1.04 0.00	18.20 0.91 0.00	17.73 0.86 0.00	17.28 0.81 0.00	15.08 0.71 0.00	12.95 0.61 0.00	19.64 0.92 0.00	16.13 0.80 0.00	19.48 0.94 0.00	14.72 0.84 0.00	17.18 0.97 0.00	20.19 1.12 0.00	17.21 0.98 0.00	18.09 1.16 -0.29	14.94 1.00 0.00	20.92 1.39 0.00	26.46 1.75 0.00	33.04 2.13 0.00	29.71 1.90 0.00	32.55 2.06 0.00	27.16 1.78 0.00	19.70 1.23 0.00	16.65 1.00 0.00

KENSICO____ 23655	19.51 0.72 0.00	19.99 0.72 0.00	17.94 0.66 0.00	17.52 0.65 0.00	17.08 0.61 0.00	14.90 0.53 0.00	12.80 0.46 0.00	19.39 0.67 0.00	15.93 0.60 0.00	19.29 0.74 0.00	14.54 0.66 0.00	16.97 0.76 0.00	19.98 0.91 0.00	17.03 0.81 0.00	17.85 0.90 -0.30	14.73 0.78 0.00	20.63 1.10 0.00	26.07 1.36 0.00	32.54 1.63 0.00	29.24 1.43 0.00	32.02 1.55 0.00	26.70 1.33 0.00	19.40 0.92 0.00	16.42 0.77 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.41 0.62 0.00	19.87 0.60 0.00	17.81 0.52 0.00	17.39 0.51 0.00	16.96 0.48 0.00	14.80 0.43 0.00	12.72 0.38 0.00	19.28 0.56 0.00	15.81 0.49 0.00	19.11 0.57 0.00	14.36 0.48 0.00	16.73 0.52 0.00	19.71 0.64 0.00	16.79 0.56 0.00	17.28 0.63 0.00	14.50 0.55 0.00	20.38 0.85 0.00	25.89 1.18 0.00	32.44 1.53 0.00	29.21 1.40 0.00	31.99 1.51 0.00	26.64 1.27 0.00	19.32 0.84 0.00	16.32 0.67 0.00
KIAC_JFK_GT1 23816	19.58 0.79 0.00	20.08 0.82 0.00	18.03 0.74 0.00	17.66 0.78 0.00	17.18 0.70 0.00	14.96 0.59 0.00	12.86 0.52 0.00	19.48 0.75 0.00	16.00 0.67 0.00	19.38 0.84 0.00	14.62 0.74 0.00	17.04 0.84 0.00	20.10 1.02 0.00	17.16 0.93 0.00	17.97 1.04 -0.28	14.85 0.90 0.00	20.75 1.22 0.00	26.19 1.47 0.00	32.67 1.76 0.00	29.30 1.50 0.00	32.12 1.64 0.00	26.80 1.43 0.00	19.48 1.00 0.00	16.51 0.86 0.00
KIAC_JFK_GT2 23817	19.58 0.79 0.00	20.08 0.82 0.00	18.03 0.74 0.00	17.66 0.78 0.00	17.18 0.70 0.00	14.96 0.59 0.00	12.86 0.52 0.00	19.48 0.75 0.00	16.00 0.67 0.00	19.38 0.84 0.00	14.62 0.74 0.00	17.04 0.84 0.00	20.10 1.02 0.00	17.16 0.93 0.00	17.97 1.04 -0.28	14.85 0.90 0.00	20.75 1.22 0.00	26.19 1.47 0.00	32.67 1.76 0.00	29.30 1.50 0.00	32.12 1.64 0.00	26.80 1.43 0.00	19.48 1.00 0.00	16.51 0.86 0.00
KIAC_JFK____ 323774	19.57 0.79 0.00	20.08 0.82 0.00	18.03 0.74 0.00	17.66 0.79 0.00	17.18 0.70 0.00	14.96 0.59 0.00	12.86 0.52 0.00	19.48 0.76 0.00	16.00 0.67 0.00	19.38 0.84 0.00	14.62 0.74 0.00	17.05 0.84 0.00	20.10 1.02 0.00	17.16 0.93 0.00	17.97 1.04 -0.28	14.84 0.90 0.00	20.75 1.22 0.00	26.19 1.48 0.00	32.67 1.76 0.00	29.30 1.50 0.00	32.12 1.64 0.00	26.80 1.43 0.00	19.48 1.00 0.00	16.51 0.86 0.00
KINTIGH____ 23543	16.43 -1.66 0.70	17.58 -1.69 0.00	15.04 -1.56 0.68	14.71 -1.55 0.61	14.97 -1.51 0.00	13.05 -1.32 0.00	11.21 -1.13 0.00	17.03 -1.69 0.00	13.83 -1.50 0.00	16.89 -1.65 0.00	12.72 -1.16 0.00	14.85 -1.36 0.00	17.04 -1.65 0.38	13.00 -1.34 1.89	13.30 -1.51 1.85	12.39 -1.23 0.32	17.22 -1.88 0.43	22.38 -2.34 0.00	27.91 -3.00 0.00	22.64 -2.64 2.52	27.45 -2.99 0.04	22.72 -2.65 0.00	15.96 -1.93 0.60	12.80 -1.73 1.12
KNTFSRNC_46_KV_46KV_LOAD 80397	18.47 -0.32 0.00	18.76 -0.50 0.00	16.69 -0.60 0.00	16.28 -0.59 0.00	-21.66 -0.68 37.46	10.71 -0.45 3.21	3.49 -0.36 8.49	-21.70 -0.73 39.69	6.63 -0.43 8.27	-1.83 -0.48 19.89	-9.47 -0.45 22.91	-20.47 -0.44 36.23	-11.81 -0.37 30.52	-20.24 -0.37 36.10	-20.63 -0.55 36.74	-20.93 -0.41 34.46	-20.42 -0.56 39.38	6.35 -0.61 17.76	30.72 -0.19 0.00	27.90 0.09 0.00	5.62 -0.35 24.52	-21.65 -0.63 46.40	-12.17 -0.54 30.11	-15.06 -0.45 30.25
LACHUTE__HYDRO 323717	20.99 2.20 0.00	21.34 2.07 0.00	19.07 1.78 0.00	18.62 1.74 0.00	18.14 1.67 0.00	15.79 1.42 0.00	13.64 1.30 0.00	20.75 2.03 0.00	16.93 1.61 0.00	20.33 1.79 0.00	15.09 1.21 0.00	17.66 1.45 0.00	20.72 1.65 0.00	17.61 1.38 0.00	18.14 1.49 0.00	15.20 1.26 0.00	21.60 2.08 0.00	27.54 2.83 0.00	34.45 3.53 0.00	30.96 3.15 0.00	34.08 3.60 0.00	28.19 2.81 0.00	20.34 1.86 0.00	17.23 1.58 0.00
LAWRNCV_115KV_TB1 80681	18.39 -0.40 0.00	18.82 -0.45 0.00	16.78 -0.51 0.00	16.35 -0.53 0.00	21.87 -0.52 -5.92	14.41 -0.46 -0.51	13.25 -0.44 -1.34	24.39 -0.60 -6.27	16.19 -0.45 -1.31	21.16 -0.52 -3.14	0.54 -0.53 12.80	-13.45 -0.62 29.04	-6.43 -0.70 24.81	-13.56 -0.63 29.17	-13.36 -0.64 29.37	-14.47 -0.48 27.94	-11.74 -0.61 30.67	16.93 -0.74 7.03	30.26 -0.66 0.00	27.33 -0.48 0.00	33.85 -0.51 -3.87	32.13 -0.58 -7.34	22.71 -0.54 -4.76	20.00 -0.43 -4.78
LEDERLE____ 23769	19.43 0.64 0.00	19.90 0.64 0.00	17.86 0.57 0.00	17.43 0.55 0.00	17.01 0.53 0.00	14.84 0.46 0.00	12.74 0.40 0.00	19.31 0.59 0.00	15.86 0.53 0.00	19.19 0.65 0.00	14.46 0.57 0.00	16.88 0.67 0.00	19.90 0.83 0.00	16.95 0.72 0.00	17.59 0.80 -0.13	14.64 0.69 0.00	20.56 1.04 0.00	26.05 1.34 0.00	32.51 1.59 0.00	29.18 1.37 0.00	31.95 1.47 0.00	26.64 1.26 0.00	19.33 0.85 0.00	16.35 0.70 0.00
LIGHTRSE_115KV_TB6 355974	18.57 -0.22 0.00	18.99 -0.28 0.00	16.94 -0.35 0.00	16.45 -0.42 0.00	16.86 -0.41 -0.79	14.05 -0.39 -0.07	12.19 -0.33 -0.18	19.24 -0.32 -0.84	15.24 -0.27 -0.17	18.59 -0.38 -0.42	12.41 -0.43 1.04	13.28 -0.48 2.45	16.37 -0.61 2.10	13.25 -0.52 2.46	13.65 -0.52 2.48	11.20 -0.39 2.36	16.44 -0.51 2.58	23.41 -0.77 0.54	30.00 -0.92 0.00	27.23 -0.57 0.00	30.58 -0.42 -0.52	25.79 -0.56 -0.98	18.63 -0.49 -0.64	15.91 -0.38 -0.64
LINDEN COGEN____ 23786	19.46 0.67 0.00	19.94 0.67 0.00	17.89 0.60 0.00	17.48 0.60 0.00	17.04 0.57 0.00	14.86 0.49 0.00	12.76 0.41 0.00	19.33 0.61 0.00	15.88 0.55 0.00	19.24 0.70 0.00	14.51 0.63 0.00	16.94 0.73 0.00	19.96 0.89 0.00	17.02 0.79 0.00	17.82 0.89 -0.28	14.71 0.77 0.00	20.64 1.11 0.00	26.06 1.35 0.00	32.52 1.61 0.00	29.20 1.39 0.00	31.96 1.48 0.00	26.68 1.30 0.00	19.40 0.92 0.00	16.41 0.76 0.00
LINDHRST_69_KV_BK1 356055	25.61 1.28 -5.55	20.51 1.25 0.00	18.37 1.08 0.00	17.87 1.00 0.00	17.42 0.95 0.00	15.20 0.83 0.00	13.06 0.71 0.00	19.81 1.09 0.00	16.26 0.93 0.00	19.60 1.06 0.00	14.81 0.93 0.00	17.28 1.07 0.00	20.30 1.22 0.00	17.29 1.06 0.00	18.20 1.26 -0.29	15.05 1.11 0.00	21.08 1.55 0.00	26.70 1.99 0.00	33.37 2.45 0.00	30.02 2.22 0.00	32.90 2.42 0.00	27.42 2.05 0.00	19.87 1.39 0.00	16.78 1.13 0.00
LIPA_MISC_IPP 23656	25.56 1.23 -5.55	20.39 1.13 0.00	18.31 1.02 0.00	17.81 0.94 0.00	17.36 0.89 0.00	15.17 0.80 0.00	13.03 0.69 0.00	19.77 1.05 0.00	16.22 0.89 0.00	19.53 0.98 0.00	14.75 0.87 0.00	17.20 0.99 0.00	20.20 1.13 0.00	17.19 0.96 0.00	18.12 1.18 -0.29	15.01 1.06 0.00	21.03 1.50 0.00	26.58 1.87 0.00	33.22 2.31 0.00	29.91 2.10 0.00	32.79 2.31 0.00	27.30 1.93 0.00	19.78 1.30 0.00	16.70 1.05 0.00
LISF__SOLAR 323691	25.60 1.26 -5.55	20.44 1.17 0.00	18.34 1.05 0.00	17.84 0.97 0.00	17.39 0.91 0.00	15.19 0.82 0.00	13.06 0.71 0.00	19.81 1.09 0.00	16.25 0.92 0.00	19.54 1.00 0.00	14.76 0.88 0.00	17.21 1.01 0.00	20.21 1.14 0.00	17.20 0.97 0.00	18.13 1.19 -0.29	15.02 1.07 0.00	21.06 1.53 0.00	26.62 1.91 0.00	33.29 2.38 0.00	29.96 2.15 0.00	32.86 2.38 0.00	27.35 1.98 0.00	19.82 1.34 0.00	16.73 1.08 0.00

LITTLE FALLS___HYD 24013	18.93 0.15 0.00	19.40 0.13 0.00	17.53 0.24 0.00	17.16 0.29 0.00	16.72 0.25 0.00	14.56 0.19 0.00	12.56 0.22 0.00	18.92 0.20 0.00	15.33 0.00 0.00	18.35 -0.19 0.00	14.69 -0.05 -0.86	17.92 -0.10 -1.81	20.64 0.02 -1.54	17.90 -0.15 -1.82	18.39 -0.09 -1.83	15.66 -0.03 -1.74	21.78 0.33 -1.92	25.68 0.46 -0.51	31.49 0.58 0.00	28.44 0.63 0.00	31.22 0.74 0.00	26.02 0.65 0.00	18.88 0.40 0.00	15.97 0.32 0.00
LITTLRIV_115KV_TB1 356100	18.60 -0.19 0.00	19.04 -0.23 0.00	16.97 -0.32 0.00	16.53 -0.34 0.00	22.86 -0.35 -6.73	14.65 -0.30 -0.58	13.58 -0.29 -1.52	25.47 -0.38 -7.13	16.50 -0.32 -1.49	21.76 -0.36 -3.57	1.25 -0.44 12.19	-12.27 -0.47 28.00	-5.38 -0.53 23.93	-12.41 -0.51 28.13	-12.21 -0.54 28.32	-13.35 -0.35 26.95	-10.40 -0.39 29.54	17.71 -0.42 6.58	30.71 -0.21 0.00	27.75 -0.06 0.00	34.85 -0.04 -4.41	33.50 -0.21 -8.34	23.60 -0.29 -5.41	20.85 -0.24 -5.44
LI_NEWBRDGE___DRP 323616	25.28 0.94 -5.55	20.19 0.92 0.00	18.09 0.80 0.00	17.63 0.76 0.00	17.19 0.71 0.00	15.00 0.63 0.00	12.88 0.54 0.00	19.53 0.81 0.00	16.04 0.71 0.00	19.35 0.81 0.00	14.62 0.74 0.00	17.06 0.85 0.00	20.05 0.98 0.00	17.08 0.85 0.00	17.96 1.03 -0.29	14.84 0.89 0.00	20.75 1.22 0.00	26.25 1.54 0.00	32.78 1.87 0.00	29.48 1.67 0.00	32.30 1.82 0.00	26.94 1.57 0.00	19.56 1.08 0.00	16.54 0.89 0.00
LOCKPORT_115KV_TB60_63_64 80432	16.22 -1.75 0.82	17.46 -1.81 0.00	14.81 -1.67 0.80	14.50 -1.66 0.71	14.85 -1.62 0.00	12.96 -1.41 0.00	11.13 -1.21 0.00	16.91 -1.81 0.00	13.70 -1.63 0.00	16.74 -1.80 0.00	12.62 -1.26 0.00	14.73 -1.48 0.00	16.82 -1.80 0.45	12.58 -1.43 2.22	12.87 -1.61 2.17	12.25 -1.31 0.38	16.99 -2.02 0.51	22.18 -2.53 0.00	27.60 -3.32 0.00	22.07 -2.85 2.89	27.21 -3.23 0.05	22.47 -2.90 0.00	15.69 -2.10 0.69	12.46 -1.91 1.28
LOCKPORT___CC1 323769	16.18 -1.77 0.83	17.44 -1.82 0.00	14.79 -1.68 0.81	14.48 -1.67 0.72	14.85 -1.63 0.00	12.95 -1.42 0.00	11.12 -1.22 0.00	16.89 -1.83 0.00	13.69 -1.64 0.00	16.73 -1.81 0.00	12.62 -1.27 0.00	14.72 -1.49 0.00	16.80 -1.82 0.46	12.54 -1.44 2.25	12.81 -1.63 2.20	12.24 -1.32 0.38	16.95 -2.06 0.52	22.16 -2.55 0.00	27.57 -3.34 0.00	21.99 -2.88 2.93	27.17 -3.27 0.05	22.46 -2.91 0.00	15.67 -2.11 0.70	12.44 -1.91 1.30
LOCKPORT___CC2 323770	16.18 -1.77 0.83	17.44 -1.82 0.00	14.79 -1.68 0.81	14.48 -1.67 0.72	14.85 -1.63 0.00	12.95 -1.42 0.00	11.12 -1.22 0.00	16.89 -1.83 0.00	13.69 -1.64 0.00	16.73 -1.81 0.00	12.62 -1.27 0.00	14.72 -1.49 0.00	16.80 -1.82 0.46	12.54 -1.44 2.25	12.81 -1.63 2.20	12.24 -1.32 0.38	16.95 -2.06 0.52	22.16 -2.55 0.00	27.57 -3.34 0.00	21.99 -2.88 2.93	27.17 -3.27 0.05	22.46 -2.91 0.00	15.67 -2.11 0.70	12.44 -1.91 1.30
LOCKPORT___CC3 323771	16.18 -1.77 0.83	17.44 -1.82 0.00	14.79 -1.68 0.81	14.48 -1.67 0.72	14.85 -1.63 0.00	12.95 -1.42 0.00	11.12 -1.22 0.00	16.89 -1.83 0.00	13.69 -1.64 0.00	16.73 -1.81 0.00	12.62 -1.27 0.00	14.72 -1.49 0.00	16.80 -1.82 0.46	12.54 -1.44 2.25	12.81 -1.63 2.20	12.24 -1.32 0.38	16.95 -2.06 0.52	22.16 -2.55 0.00	27.57 -3.34 0.00	21.99 -2.88 2.93	27.17 -3.27 0.05	22.46 -2.91 0.00	15.67 -2.11 0.70	12.44 -1.91 1.30
LONG_LAKE_PHOENIX 24014	18.44 -0.35 0.00	18.90 -0.37 0.00	16.94 -0.34 0.00	16.54 -0.34 0.00	16.17 -0.30 0.00	14.10 -0.27 0.00	12.12 -0.22 0.00	18.40 -0.32 0.00	15.04 -0.30 0.00	18.17 -0.38 0.00	13.61 -0.28 0.00	15.90 -0.32 0.00	18.69 -0.39 0.00	15.93 -0.30 0.00	16.30 -0.35 0.00	13.63 -0.32 0.00	19.08 -0.44 0.00	24.14 -0.58 0.00	30.16 -0.76 0.00	27.15 -0.65 0.00	29.77 -0.71 0.00	24.75 -0.62 0.00	18.04 -0.44 0.00	15.27 -0.38 0.00
LOVETT___3 23632	19.35 0.57 0.00	19.83 0.56 0.00	17.80 0.51 0.00	17.37 0.49 0.00	16.95 0.47 0.00	14.78 0.41 0.00	12.70 0.35 0.00	19.24 0.52 0.00	15.80 0.47 0.00	19.12 0.58 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.82 0.75 0.00	16.88 0.65 0.00	17.77 0.74 -0.39	14.58 0.63 0.00	20.46 0.93 0.00	25.91 1.20 0.00	32.34 1.43 0.00	29.03 1.22 0.00	31.78 1.30 0.00	26.51 1.14 0.00	19.25 0.77 0.00	16.29 0.64 0.00
LOVETT___4 23642	19.35 0.57 0.00	19.83 0.56 0.00	17.80 0.51 0.00	17.37 0.49 0.00	16.95 0.47 0.00	14.78 0.41 0.00	12.70 0.35 0.00	19.24 0.52 0.00	15.80 0.47 0.00	19.12 0.58 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.82 0.75 0.00	16.88 0.65 0.00	17.77 0.74 -0.39	14.58 0.63 0.00	20.46 0.93 0.00	25.91 1.20 0.00	32.34 1.43 0.00	29.03 1.22 0.00	31.78 1.30 0.00	26.51 1.14 0.00	19.25 0.77 0.00	16.29 0.64 0.00
LOVETT___5 23593	19.35 0.57 0.00	19.83 0.56 0.00	17.80 0.51 0.00	17.37 0.49 0.00	16.95 0.47 0.00	14.78 0.41 0.00	12.70 0.35 0.00	19.24 0.52 0.00	15.80 0.47 0.00	19.12 0.58 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.82 0.75 0.00	16.88 0.65 0.00	17.77 0.74 -0.39	14.58 0.63 0.00	20.46 0.93 0.00	25.91 1.20 0.00	32.34 1.43 0.00	29.03 1.22 0.00	31.78 1.30 0.00	26.51 1.14 0.00	19.25 0.77 0.00	16.29 0.64 0.00
LOWER RAQUET___HYD 24057	18.26 -0.52 0.00	18.68 -0.59 0.00	16.64 -0.64 0.00	16.20 -0.67 0.00	23.22 -0.67 -7.41	14.40 -0.60 -0.63	13.46 -0.56 -1.68	25.80 -0.77 -7.85	16.38 -0.58 -1.64	21.79 -0.69 -3.93	1.53 -0.68 11.67	-11.73 -0.80 27.14	-5.02 -0.90 23.20	-11.82 -0.79 27.26	-11.60 -0.81 27.44	-12.75 -0.58 26.12	-9.84 -0.77 28.60	17.55 -0.97 6.20	30.00 -0.91 0.00	27.14 -0.67 0.00	34.63 -0.70 -4.85	33.77 -0.79 -9.18	23.73 -0.71 -5.96	21.07 -0.57 -5.99
LOWER___HUDSON 24059	19.51 0.73 0.00	20.02 0.75 0.00	18.01 0.72 0.00	17.58 0.71 0.00	17.16 0.68 0.00	14.93 0.56 0.00	12.83 0.48 0.00	19.45 0.73 0.00	15.94 0.61 0.00	19.22 0.68 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.78 0.70 0.00	16.84 0.61 0.00	17.33 0.68 0.00	14.53 0.58 0.00	20.36 0.84 0.00	25.72 1.01 0.00	32.12 1.20 0.00	28.92 1.11 0.00	31.75 1.26 0.00	26.45 1.08 0.00	19.25 0.77 0.00	16.30 0.66 0.00
LOWVILLE_115KV_TB2 356335	18.73 -0.06 0.00	19.06 -0.21 0.00	16.87 -0.42 0.00	16.37 -0.51 0.00	18.13 -0.46 -2.12	14.07 -0.48 -0.18	12.33 -0.49 -0.48	20.63 -0.33 -2.24	15.67 -0.13 -0.47	19.50 -0.17 -1.12	10.51 -0.58 2.79	8.76 -0.85 6.59	12.46 -0.98 5.64	8.77 -0.84 6.62	9.24 -0.74 6.66	7.18 -0.42 6.35	12.17 -0.42 6.94	22.48 -0.79 1.44	30.15 -0.77 0.00	27.63 -0.18 0.00	32.20 0.34 -1.39	27.76 -0.24 -2.62	19.63 -0.55 -1.70	17.04 -0.31 -1.71
LUTHERFT_115KV_GLOB_FND_222 355753	19.79 1.00 0.00	20.27 1.00 0.00	18.21 0.92 0.00	17.77 0.90 0.00	17.35 0.88 0.00	15.11 0.74 0.00	12.99 0.65 0.00	19.70 0.98 0.00	16.10 0.77 0.00	19.40 0.86 0.00	14.51 0.63 0.00	16.96 0.75 0.00	19.91 0.84 0.00	16.95 0.72 0.00	17.45 0.80 0.00	14.61 0.67 0.00	20.55 1.03 0.00	26.06 1.35 0.00	32.63 1.72 0.00	29.34 1.54 0.00	32.27 1.79 0.00	26.80 1.43 0.00	19.49 1.01 0.00	16.50 0.85 0.00

LUTHERNY_35_KV_BK2 355980	19.81 1.02 0.00	20.26 0.99 0.00	18.20 0.91 0.00	17.77 0.89 0.00	17.35 0.88 0.00	15.11 0.74 0.00	12.99 0.65 0.00	19.71 0.99 0.00	16.09 0.76 0.00	19.39 0.85 0.00	14.51 0.63 0.00	16.95 0.74 0.00	19.91 0.83 0.00	16.96 0.72 0.00	17.45 0.80 0.00	14.61 0.66 0.00	20.55 1.03 0.00	26.08 1.37 0.00	32.65 1.73 0.00	29.37 1.56 0.00	32.31 1.83 0.00	26.79 1.41 0.00	19.49 1.01 0.00	16.49 0.84 0.00
LWR___OSWEGATCHIE_HYD 23850	18.44 -0.35 0.00	18.81 -0.46 0.00	16.69 -0.59 0.00	16.21 -0.66 0.00	20.87 -0.64 -5.03	14.20 -0.60 -0.43	12.91 -0.57 -1.14	23.44 -0.61 -5.33	16.02 -0.42 -1.11	20.68 -0.52 -2.67	5.47 -0.70 7.71	-2.64 -0.88 17.98	2.70 -1.01 15.37	-2.71 -0.88 18.06	-2.37 -0.84 18.18	-3.92 -0.56 17.31	-0.07 -0.66 18.95	19.67 -0.96 4.08	29.98 -0.93 0.00	27.32 -0.49 0.00	33.50 -0.28 -3.29	31.00 -0.60 -6.23	21.83 -0.69 -4.04	19.21 -0.50 -4.06
LYONS_FALL_HYD 23570	18.86 0.08 0.00	19.25 -0.02 0.00	17.12 -0.16 0.00	16.65 -0.22 0.00	17.68 -0.19 -1.40	14.27 -0.22 -0.12	12.43 -0.23 -0.32	20.12 -0.08 -1.49	15.65 0.01 -0.31	19.28 0.00 -0.75	12.07 -0.30 1.52	12.10 -0.44 3.67	15.43 -0.51 3.14	12.10 -0.44 3.69	12.59 -0.36 3.71	10.25 -0.16 3.53	15.56 -0.11 3.86	23.68 -0.28 0.76	30.69 -0.22 0.00	27.92 0.11 0.00	31.85 0.45 -0.92	27.13 0.02 -1.74	19.39 -0.22 -1.13	16.68 -0.10 -1.14
MADISON___COUNTY_LFGE 323628	19.04 0.25 0.00	19.48 0.21 0.00	17.43 0.15 0.00	17.01 0.14 0.00	16.61 0.14 0.00	14.49 0.12 0.00	12.45 0.11 0.00	18.95 0.22 0.00	15.47 0.14 0.00	18.66 0.12 0.00	13.90 0.02 0.00	16.26 0.05 0.00	19.11 0.03 0.00	16.28 0.05 0.00	16.74 0.09 0.00	14.09 0.14 0.00	19.75 0.23 0.00	25.08 0.37 0.00	31.37 0.46 0.00	28.27 0.46 0.00	31.02 0.54 0.00	25.71 0.34 0.00	18.68 0.20 0.00	15.80 0.15 0.00
MALONE___115KV_TB1 356076	18.43 -0.35 0.00	18.79 -0.48 0.00	16.71 -0.58 0.00	16.30 -0.57 0.00	42.95 -0.63 -27.11	16.25 -0.44 -2.32	18.10 -0.39 -6.14	46.79 -0.65 -28.72	20.90 -0.41 -5.99	32.43 -0.50 -14.39	2.08 -0.46 11.34	-17.19 -0.52 32.87	-9.68 -0.48 28.27	-17.41 -0.50 33.14	-17.13 -0.58 33.20	-18.32 -0.46 31.81	-15.28 -0.61 34.19	20.17 -0.67 3.87	30.59 -0.33 0.00	27.73 -0.08 0.00	47.81 -0.42 -17.75	58.33 -0.64 -33.59	39.74 -0.54 -21.80	37.08 -0.47 -21.90
MAPLEWOD_115KV_TB3 80458	19.33 0.54 0.00	19.86 0.60 0.00	17.91 0.62 0.00	17.49 0.61 0.00	17.05 0.58 0.00	14.85 0.47 0.00	12.75 0.41 0.00	19.34 0.62 0.00	15.84 0.51 0.00	19.09 0.55 0.00	14.30 0.42 0.00	16.68 0.47 0.00	19.65 0.57 0.00	16.73 0.50 0.00	17.21 0.56 0.00	14.45 0.50 0.00	20.23 0.70 0.00	25.54 0.83 0.00	31.88 0.97 0.00	28.72 0.91 0.00	31.48 1.00 0.00	26.25 0.87 0.00	19.12 0.64 0.00	16.20 0.55 0.00
MAPLE_RIDGE_WT_1 323574	18.46 -0.33 0.00	18.91 -0.36 0.00	16.90 -0.39 0.00	16.57 -0.30 0.00	16.16 -0.31 0.00	14.05 -0.33 0.00	11.99 -0.35 0.00	18.37 -0.35 0.00	15.18 -0.15 0.00	18.37 -0.17 0.00	-12.37 -0.41 25.84	-39.00 -0.51 54.70	-28.12 -0.58 46.61	-39.00 -0.37 54.86	-39.00 -0.31 55.34	-38.91 -0.32 52.53	-39.00 -0.49 58.03	8.46 -0.77 15.48	30.21 -0.70 0.00	27.15 -0.66 0.00	29.89 -0.59 0.00	24.82 -0.55 0.00	18.11 -0.37 0.00	15.42 -0.23 0.00
MAPLE_RIDGE_WT_2 323611	18.46 -0.33 0.00	18.91 -0.36 0.00	16.90 -0.39 0.00	16.57 -0.30 0.00	16.16 -0.31 0.00	14.05 -0.33 0.00	11.99 -0.35 0.00	18.37 -0.35 0.00	15.18 -0.15 0.00	18.37 -0.17 0.00	-12.37 -0.41 25.84	-39.00 -0.51 54.70	-28.12 -0.58 46.61	-39.00 -0.37 54.86	-39.00 -0.31 55.34	-38.91 -0.32 52.53	-39.00 -0.49 58.03	8.46 -0.77 15.48	30.21 -0.70 0.00	27.15 -0.66 0.00	29.89 -0.59 0.00	24.82 -0.55 0.00	18.11 -0.37 0.00	15.42 -0.23 0.00
MARBLE_RIVER_WT_PWR 323696	18.36 -0.43 0.00	18.67 -0.60 0.00	16.60 -0.69 0.00	16.20 -0.68 0.00	-21.00 -0.74 36.73	10.70 -0.52 3.15	3.59 -0.43 8.32	-21.00 -0.80 38.92	6.69 -0.53 8.11	-1.61 -0.65 19.50	-9.56 -0.55 22.90	-20.87 -0.63 36.44	-12.17 -0.54 30.71	-20.60 -0.52 36.31	-20.97 -0.67 36.95	-21.18 -0.46 34.67	-20.84 -0.78 39.59	6.14 -0.90 17.67	30.35 -0.56 0.00	27.53 -0.27 0.00	5.71 -0.73 24.04	-21.00 -0.88 45.50	-11.75 -0.72 29.52	-14.60 -0.59 29.66
MARSHVLE_115KV_TB1 80742	19.67 0.88 0.00	20.15 0.88 0.00	18.03 0.74 0.00	17.57 0.69 0.00	17.16 0.68 0.00	14.98 0.61 0.00	12.86 0.52 0.00	19.49 0.77 0.00	15.70 0.38 0.00	18.89 0.35 0.00	14.18 0.30 0.00	16.66 0.45 0.00	19.58 0.51 0.00	16.62 0.39 0.00	17.12 0.47 0.00	14.26 0.31 0.00	20.27 0.75 0.00	25.85 1.14 0.00	32.53 1.62 0.00	29.30 1.49 0.00	32.09 1.61 0.00	26.60 1.23 0.00	19.30 0.82 0.00	16.30 0.65 0.00
MARSH_HILL_WT_PWR 323713	13.86 -1.93 2.99	17.21 -2.06 0.00	12.48 -1.87 2.94	13.00 -1.26 2.62	15.43 -1.04 0.00	13.19 -1.19 0.00	11.41 -0.93 0.00	16.98 -1.74 0.00	14.04 -1.29 0.00	16.68 -1.86 0.00	12.09 -1.79 0.00	14.17 -2.04 0.00	14.57 -2.85 1.65	5.65 -2.43 8.15	6.16 -2.51 7.98	10.40 -2.08 1.47	14.87 -2.70 1.95	21.52 -3.19 0.00	27.47 -3.44 0.00	14.19 -2.86 10.76	27.50 -2.81 0.17	22.53 -2.84 0.00	13.64 -2.29 2.55	8.94 -2.01 4.71
MCINTYRE_115KV_TB2 80467	18.87 0.08 0.00	19.33 0.07 0.00	17.26 -0.03 0.00	16.81 -0.06 0.00	22.06 -0.06 -5.64	14.83 -0.02 -0.48	13.57 -0.05 -1.28	24.65 -0.05 -5.98	16.48 -0.09 -1.25	21.46 -0.07 -3.00	0.65 -0.21 13.01	-13.38 -0.20 29.40	-6.24 -0.21 25.11	-13.55 -0.27 29.52	-13.37 -0.29 29.73	-14.48 -0.14 28.28	-11.62 -0.10 31.05	17.53 0.01 7.19	31.26 0.35 0.00	28.21 0.40 0.00	34.64 0.46 -3.69	32.61 0.25 -6.99	23.08 0.06 -4.54	20.25 0.04 -4.56
MECO_____69_KV_BK1 80468	19.86 1.07 0.00	20.34 1.07 0.00	18.23 0.94 0.00	17.77 0.89 0.00	17.35 0.87 0.00	15.14 0.77 0.00	13.01 0.66 0.00	19.69 0.96 0.00	15.88 0.55 0.00	18.96 0.42 0.00	14.17 0.29 0.00	16.75 0.54 0.00	19.68 0.60 0.00	16.61 0.38 0.00	17.09 0.44 0.00	14.20 0.25 0.00	20.52 0.99 0.00	26.21 1.49 0.00	32.97 2.05 0.00	29.70 1.90 0.00	32.55 2.07 0.00	26.99 1.62 0.00	19.57 1.09 0.00	16.52 0.87 0.00
MENANDS___115KV_TB5 355628	19.22 0.43 0.00	19.77 0.50 0.00	17.84 0.55 0.00	17.42 0.55 0.00	17.00 0.52 0.00	14.79 0.42 0.00	12.71 0.36 0.00	19.26 0.54 0.00	15.79 0.46 0.00	19.03 0.49 0.00	14.25 0.37 0.00	16.62 0.41 0.00	19.58 0.50 0.00	16.66 0.43 0.00	17.15 0.50 0.00	14.39 0.44 0.00	20.15 0.62 0.00	25.40 0.69 0.00	31.69 0.78 0.00	28.55 0.74 0.00	31.29 0.80 0.00	26.10 0.73 0.00	19.02 0.54 0.00	16.13 0.48 0.00
MG INDUSTRY___DRP 24185	19.24 0.45 0.00	19.78 0.52 0.00	17.84 0.55 0.00	17.42 0.55 0.00	17.00 0.52 0.00	14.80 0.43 0.00	12.71 0.37 0.00	19.27 0.54 0.00	15.72 0.39 0.00	18.89 0.35 0.00	14.16 0.29 0.00	16.54 0.33 0.00	19.44 0.36 0.00	16.53 0.30 0.00	17.02 0.38 0.00	14.32 0.37 0.00	20.03 0.50 0.00	25.34 0.63 0.00	31.66 0.74 0.00	28.54 0.73 0.00	31.29 0.81 0.00	26.07 0.70 0.00	19.01 0.53 0.00	16.12 0.47 0.00

MID___OSWEGATCHIE_HYD 23849	18.44 -0.35 0.00	18.81 -0.46 0.00	16.69 -0.59 0.00	16.21 -0.66 0.00	20.87 -0.64 -5.03	14.20 -0.60 -0.43	12.91 -0.57 -1.14	23.44 -0.61 -5.33	16.02 -0.42 -1.11	20.68 -0.52 -2.67	5.47 -0.70 7.71	-2.64 -0.88 17.98	2.70 -1.01 15.37	-2.71 -0.88 18.06	-2.37 -0.84 18.18	-3.92 -0.56 17.31	-0.07 -0.66 18.95	19.67 -0.96 4.08	29.98 -0.93 0.00	27.32 -0.49 0.00	33.50 -0.28 -3.29	31.00 -0.60 -6.23	21.83 -0.69 -4.04	19.21 -0.50 -4.06
MID___RAQUETTE_HYD 23851	18.26 -0.52 0.00	18.68 -0.59 0.00	16.64 -0.65 0.00	16.20 -0.67 0.00	23.22 -0.67 -7.41	14.40 -0.60 -0.63	13.46 -0.56 -1.68	25.80 -0.77 -7.85	16.38 -0.58 -1.64	21.79 -0.69 -3.93	1.52 -0.69 11.67	-11.72 -0.79 27.14	-5.02 -0.90 23.20	-11.82 -0.79 27.26	-11.60 -0.81 27.44	-12.78 -0.60 26.12	-9.84 -0.77 28.60	17.55 -0.97 6.20	30.00 -0.91 0.00	27.14 -0.67 0.00	34.63 -0.70 -4.85	33.77 -0.79 -9.18	23.73 -0.71 -5.96	21.07 -0.57 -5.99
MILLIKEN___1 23584	23.11 0.07 -4.25	19.31 0.04 0.00	21.47 0.00 -4.18	20.61 0.02 -3.72	16.50 0.02 0.00	14.41 0.04 0.00	12.41 0.06 0.00	18.81 0.09 0.00	15.33 0.00 0.00	18.43 -0.11 0.00	13.78 -0.10 0.00	16.09 -0.11 0.00	21.27 -0.16 -2.36	27.67 -0.17 -11.61	27.81 -0.19 -11.36	15.84 -0.14 -2.03	22.13 -0.14 -2.74	24.67 -0.05 0.00	31.03 0.12 0.00	44.19 0.23 -16.15	31.03 0.30 -0.25	25.51 0.14 0.00	22.34 0.05 -3.81	22.71 0.02 -7.05
MILLIKEN___2 23585	23.11 0.07 -4.25	19.31 0.04 0.00	21.47 0.00 -4.18	20.61 0.02 -3.72	16.50 0.02 0.00	14.41 0.04 0.00	12.41 0.06 0.00	18.81 0.09 0.00	15.33 0.00 0.00	18.43 -0.11 0.00	13.78 -0.10 0.00	16.09 -0.11 0.00	21.27 -0.16 -2.36	27.67 -0.17 -11.61	27.81 -0.19 -11.36	15.84 -0.14 -2.03	22.13 -0.14 -2.74	24.67 -0.05 0.00	31.03 0.12 0.00	44.19 0.23 -16.15	31.03 0.30 -0.25	25.51 0.14 0.00	22.34 0.05 -3.81	22.71 0.02 -7.05
MILLIKEN___DIESEL 23629	23.11 0.07 -4.25	19.31 0.04 0.00	21.47 0.00 -4.18	20.61 0.02 -3.72	16.50 0.02 0.00	14.41 0.04 0.00	12.41 0.06 0.00	18.81 0.09 0.00	15.33 0.00 0.00	18.43 -0.11 0.00	13.78 -0.10 0.00	16.09 -0.11 0.00	21.27 -0.16 -2.36	27.67 -0.17 -11.61	27.81 -0.19 -11.36	15.84 -0.14 -2.03	22.13 -0.14 -2.74	24.67 -0.05 0.00	31.03 0.12 0.00	44.19 0.23 -16.15	31.03 0.30 -0.25	25.51 0.14 0.00	22.34 0.05 -3.81	22.71 0.02 -7.05
MILLSEAT___LFGE 323607	16.65 -1.37 0.77	17.85 -1.42 0.00	15.20 -1.33 0.76	14.88 -1.32 0.67	15.18 -1.29 0.00	13.25 -1.12 0.00	11.38 -0.96 0.00	17.29 -1.43 0.00	13.99 -1.33 0.00	17.02 -1.52 0.00	12.81 -1.07 0.00	14.96 -1.24 0.00	17.12 -1.53 0.43	12.91 -1.23 2.10	13.23 -1.37 2.05	12.49 -1.09 0.36	17.39 -1.65 0.48	22.69 -2.03 0.00	28.29 -2.63 0.00	22.92 -2.16 2.73	27.98 -2.46 0.04	23.12 -2.25 0.00	16.17 -1.66 0.65	12.90 -1.54 1.21
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.44 0.66 0.00	19.92 0.66 0.00	17.88 0.59 0.00	17.46 0.59 0.00	17.03 0.55 0.00	14.85 0.48 0.00	12.76 0.41 0.00	19.33 0.61 0.00	15.87 0.55 0.00	19.22 0.67 0.00	14.48 0.60 0.00	16.90 0.69 0.00	19.91 0.83 0.00	16.97 0.74 0.00	17.62 0.83 -0.14	14.66 0.71 0.00	20.55 1.02 0.00	25.99 1.28 0.00	32.44 1.53 0.00	29.14 1.34 0.00	31.92 1.44 0.00	26.62 1.24 0.00	19.34 0.85 0.00	16.36 0.71 0.00
MILLWOOD_13_KV_LOAD 356217	19.48 0.69 0.00	19.96 0.70 0.00	17.91 0.63 0.00	17.50 0.62 0.00	17.06 0.58 0.00	14.88 0.50 0.00	12.78 0.44 0.00	19.37 0.65 0.00	15.91 0.57 0.00	19.25 0.71 0.00	14.51 0.62 0.00	16.93 0.72 0.00	19.94 0.87 0.00	17.00 0.77 0.00	17.65 0.86 -0.14	14.68 0.74 0.00	20.59 1.07 0.00	26.04 1.33 0.00	32.52 1.60 0.00	29.21 1.40 0.00	32.00 1.52 0.00	26.67 1.30 0.00	19.38 0.90 0.00	16.40 0.75 0.00
MODEL_CITY_ENERGY 24167	16.03 -1.92 0.84	17.29 -1.98 0.00	14.64 -1.82 0.82	14.33 -1.81 0.73	14.71 -1.77 0.00	12.83 -1.54 0.00	11.02 -1.32 0.00	16.74 -1.98 0.00	13.57 -1.76 0.00	16.59 -1.95 0.00	12.52 -1.37 0.00	14.59 -1.61 0.00	16.66 -1.95 0.46	12.41 -1.54 2.28	12.67 -1.75 2.23	12.13 -1.43 0.39	16.80 -2.21 0.52	21.95 -2.77 0.00	27.28 -3.63 0.00	21.70 -3.15 2.95	26.82 -3.61 0.05	22.18 -3.19 0.00	15.49 -2.29 0.70	12.30 -2.05 1.31
MODERN_LFGE___ 323580	16.03 -1.92 0.84	17.29 -1.98 0.00	14.64 -1.82 0.82	14.33 -1.81 0.73	14.71 -1.77 0.00	12.83 -1.54 0.00	11.02 -1.32 0.00	16.74 -1.98 0.00	13.57 -1.76 0.00	16.59 -1.95 0.00	12.52 -1.37 0.00	14.59 -1.61 0.00	16.66 -1.95 0.46	12.41 -1.54 2.28	12.67 -1.75 2.23	12.13 -1.43 0.39	16.80 -2.21 0.52	21.95 -2.77 0.00	27.28 -3.63 0.00	21.70 -3.15 2.95	26.82 -3.61 0.05	22.18 -3.19 0.00	15.49 -2.29 0.70	12.30 -2.05 1.31
MOHAWK_PAPER___DRP 24187	19.33 0.54 0.00	19.86 0.60 0.00	17.91 0.62 0.00	17.49 0.61 0.00	17.05 0.58 0.00	14.85 0.47 0.00	12.75 0.41 0.00	19.34 0.62 0.00	15.84 0.51 0.00	19.09 0.55 0.00	14.30 0.42 0.00	16.68 0.47 0.00	19.65 0.57 0.00	16.73 0.50 0.00	17.21 0.56 0.00	14.45 0.50 0.00	20.23 0.70 0.00	25.54 0.83 0.00	31.88 0.97 0.00	28.72 0.91 0.00	31.48 1.00 0.00	26.25 0.87 0.00	19.12 0.64 0.00	16.20 0.55 0.00
MOHICAN___35_KV_115KV_LD 80490	20.15 1.36 0.00	20.59 1.33 0.00	18.48 1.19 0.00	18.04 1.16 0.00	17.60 1.12 0.00	15.32 0.96 0.00	13.19 0.85 0.00	20.03 1.31 0.00	16.37 1.04 0.00	19.71 1.17 0.00	14.67 0.79 0.00	17.15 0.95 0.00	20.10 1.03 0.00	17.10 0.87 0.00	17.60 0.95 0.00	14.73 0.78 0.00	20.79 1.26 0.00	26.40 1.69 0.00	33.15 2.24 0.00	29.74 1.93 0.00	32.83 2.35 0.00	27.19 1.82 0.00	19.77 1.29 0.00	16.74 1.09 0.00
MONGAUP___HYD 23641	19.46 0.67 0.00	19.93 0.66 0.00	17.89 0.60 0.00	17.45 0.58 0.00	17.03 0.56 0.00	14.86 0.49 0.00	12.79 0.45 0.00	19.34 0.62 0.00	15.81 0.48 0.00	18.99 0.45 0.00	14.24 0.36 0.00	16.63 0.42 0.00	19.58 0.50 0.00	16.67 0.44 0.00	16.89 0.50 0.27	14.39 0.44 0.00	20.20 0.68 0.00	25.69 0.98 0.00	32.34 1.43 0.00	29.21 1.40 0.00	32.02 1.54 0.00	26.66 1.29 0.00	19.34 0.86 0.00	16.34 0.69 0.00
MONTAUK___DIESEL 23721	25.82 1.48 -5.55	20.49 1.22 0.00	18.45 1.16 0.00	17.89 1.02 0.00	17.46 0.98 0.00	15.36 0.99 0.00	13.27 0.92 0.00	20.10 1.38 0.00	16.41 1.08 0.00	19.86 1.32 0.00	15.09 1.21 0.00	17.61 1.40 0.00	20.63 1.55 0.00	17.52 1.29 0.00	18.35 1.42 -0.29	15.20 1.25 0.00	21.22 1.69 0.00	26.72 2.01 0.00	33.37 2.45 0.00	30.08 2.27 0.00	33.22 2.74 0.00	27.41 2.04 0.00	19.89 1.41 0.00	16.83 1.19 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.28 -1.42 1.09	17.91 -1.36 0.00	14.90 -1.32 1.07	14.60 -1.32 0.95	15.32 -1.15 0.00	13.32 -1.06 0.00	11.41 -0.94 0.00	17.29 -1.43 0.00	14.17 -1.16 0.00	17.18 -1.36 0.00	12.81 -1.07 0.00	14.96 -1.25 0.00	16.85 -1.62 0.60	11.88 -1.38 2.97	12.08 -1.66 2.90	12.11 -1.33 0.51	16.95 -1.89 0.69	22.65 -2.06 0.00	28.37 -2.55 0.00	21.79 -2.10 3.93	28.20 -2.22 0.06	23.17 -2.20 0.00	15.81 -1.72 0.95	12.34 -1.58 1.73

MORRIS RIDGE___SOLAR 323848	15.77 -1.50 1.52	17.83 -1.43 0.00	14.41 -1.38 1.49	14.33 -1.21 1.33	15.40 -1.08 0.00	13.45 -0.92 0.00	11.53 -0.81 0.00	17.38 -1.35 0.00	14.13 -1.20 0.00	17.10 -1.44 0.00	12.73 -1.15 0.00	14.86 -1.35 0.00	16.61 -1.62 0.84	10.71 -1.38 4.14	11.11 -1.50 4.04	12.03 -1.21 0.70	16.83 -1.76 0.93	22.66 -2.05 0.00	28.26 -2.65 0.00	20.56 -2.18 5.07	28.07 -2.33 0.08	23.29 -2.08 0.00	15.72 -1.55 1.21	12.02 -1.40 2.23
MORTIMER_115KV_TB3 55949	17.15 -1.05 0.59	18.20 -1.07 0.00	15.70 -1.00 0.58	15.35 -1.01 0.52	15.50 -0.98 0.00	13.51 -0.86 0.00	11.62 -0.72 0.00	17.64 -1.08 0.00	14.34 -0.99 0.00	17.43 -1.11 0.00	13.12 -0.76 0.00	15.32 -0.89 0.00	17.67 -1.08 0.33	13.76 -0.87 1.60	14.09 -0.99 1.57	12.87 -0.80 0.28	17.94 -1.21 0.37	23.24 -1.48 0.00	29.04 -1.87 0.00	24.11 -1.61 2.09	28.64 -1.81 0.03	23.71 -1.66 0.00	16.76 -1.21 0.50	13.59 -1.13 0.93
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.56 0.77 0.00	20.05 0.78 0.00	17.98 0.70 0.00	17.57 0.70 0.00	17.14 0.66 0.00	14.94 0.57 0.00	12.83 0.49 0.00	19.44 0.72 0.00	15.97 0.64 0.00	19.35 0.81 0.00	14.59 0.71 0.00	17.03 0.82 0.00	20.06 0.99 0.00	17.11 0.88 0.00	17.91 0.98 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.15 1.44 0.00	32.64 1.73 0.00	29.31 1.51 0.00	32.11 1.63 0.00	26.78 1.41 0.00	19.47 0.98 0.00	16.47 0.82 0.00
MUNSVILLE_WIND_PWR 323609	21.45 0.75 -1.91	19.80 0.54 0.00	19.64 0.47 -1.88	18.89 0.34 -1.67	16.81 0.33 0.00	14.77 0.40 0.00	12.75 0.40 0.00	19.45 0.73 0.00	15.79 0.46 0.00	18.73 0.19 0.00	14.00 0.12 0.00	16.37 0.17 0.00	20.16 0.02 -1.06	21.36 -0.11 -5.24	21.79 0.01 -5.13	15.00 0.14 -0.91	21.05 0.31 -1.22	25.35 0.64 0.00	32.33 1.41 0.00	36.01 1.39 -6.81	32.01 1.43 -0.11	26.32 0.95 0.00	20.60 0.52 -1.61	19.12 0.50 -2.97
N SALMON___HYD 24042	18.43 -0.35 0.00	18.79 -0.48 0.00	16.71 -0.58 0.00	16.30 -0.57 0.00	42.94 -0.63 -27.11	16.25 -0.44 -2.32	18.09 -0.39 -6.14	46.79 -0.65 -28.72	20.90 -0.41 -5.99	32.43 -0.50 -14.39	2.09 -0.45 11.34	-17.22 -0.56 32.87	-9.68 -0.48 28.27	-17.40 -0.49 33.14	-17.11 -0.56 33.20	-18.25 -0.39 31.81	-15.28 -0.61 34.19	20.17 -0.67 3.87	30.59 -0.33 0.00	27.73 -0.08 0.00	47.81 -0.42 -17.75	58.32 -0.64 -33.59	39.74 -0.54 -21.80	37.08 -0.47 -21.90
N.AKRON__115KV_KNAPP 355671	16.54 -1.46 0.79	17.75 -1.51 0.00	15.10 -1.41 0.78	14.78 -1.41 0.69	15.10 -1.38 0.00	13.18 -1.20 0.00	11.32 -1.02 0.00	17.20 -1.52 0.00	13.92 -1.41 0.00	16.97 -1.58 0.00	12.79 -1.09 0.00	14.93 -1.28 0.00	17.09 -1.55 0.43	12.82 -1.26 2.15	13.14 -1.41 2.10	12.44 -1.14 0.37	17.30 -1.74 0.49	22.58 -2.14 0.00	28.12 -2.79 0.00	22.68 -2.34 2.79	27.79 -2.65 0.04	22.95 -2.42 0.00	16.04 -1.77 0.67	12.77 -1.64 1.24
N.BELMOR_69_KV_BK1 55787	25.42 1.09 -5.55	20.33 1.06 0.00	18.21 0.92 0.00	17.74 0.87 0.00	17.29 0.81 0.00	15.09 0.72 0.00	12.96 0.62 0.00	19.65 0.93 0.00	16.14 0.81 0.00	19.47 0.93 0.00	14.71 0.83 0.00	17.17 0.96 0.00	20.18 1.10 0.00	17.19 0.96 0.00	18.07 1.14 -0.29	14.93 0.98 0.00	20.90 1.38 0.00	26.46 1.75 0.00	33.05 2.14 0.00	29.73 1.92 0.00	32.58 2.10 0.00	27.18 1.81 0.00	19.72 1.24 0.00	16.66 1.01 0.00
N.E_GEN_SANDY PD 24062	20.80 0.68 -1.33	20.70 0.71 -0.72	19.21 0.68 -1.24	20.04 0.66 -2.50	19.92 0.63 -2.81	20.26 0.52 -5.37	19.03 0.44 -6.24	27.41 0.66 -8.03	18.45 0.59 -2.53	20.37 0.70 -1.13	14.46 0.57 -0.01	16.86 0.65 0.00	20.03 0.78 -0.18	17.04 0.68 -0.13	18.07 0.77 -0.65	14.78 0.66 -0.18	20.46 0.92 -0.02	25.77 1.06 0.00	32.15 1.23 0.00	26.71 1.15 2.25	28.67 1.26 3.08	26.55 1.11 -0.07	19.26 0.78 0.00	16.33 0.68 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.38 0.59 0.00	19.85 0.59 0.00	17.81 0.53 0.00	17.39 0.52 0.00	16.96 0.49 0.00	14.80 0.43 0.00	12.71 0.37 0.00	19.26 0.54 0.00	15.81 0.49 0.00	19.14 0.60 0.00	14.42 0.53 0.00	16.83 0.62 0.00	19.85 0.77 0.00	16.91 0.68 0.00	17.67 0.76 -0.26	14.60 0.65 0.00	20.50 0.97 0.00	25.96 1.25 0.00	32.40 1.49 0.00	29.08 1.27 0.00	31.84 1.36 0.00	26.55 1.18 0.00	19.28 0.80 0.00	16.31 0.66 0.00
N.QUEENS_27_KV_LOAD 356247	19.61 0.82 0.00	20.10 0.83 0.00	18.06 0.77 -0.01	17.67 0.79 0.00	17.21 0.74 0.00	15.01 0.63 0.00	12.88 0.53 0.00	19.49 0.77 0.00	16.03 0.70 -0.01	19.44 0.90 0.00	14.65 0.77 0.00	17.10 0.90 0.00	20.15 1.08 0.00	17.19 0.96 0.00	18.01 1.08 -0.28	14.83 0.88 0.00	20.74 1.21 0.00	26.22 1.51 0.00	32.68 1.77 0.00	29.36 1.55 0.00	32.19 1.71 0.00	26.84 1.47 0.00	19.50 1.02 -0.01	16.52 0.87 -0.01
N.TROY___115KV_TB1 355778	19.51 0.73 0.00	20.02 0.75 0.00	18.01 0.72 0.00	17.58 0.71 0.00	17.16 0.68 0.00	14.93 0.56 0.00	12.83 0.48 0.00	19.45 0.73 0.00	15.94 0.61 0.00	19.22 0.68 0.00	14.40 0.52 0.00	16.80 0.60 0.00	19.78 0.70 0.00	16.84 0.61 0.00	17.33 0.68 0.00	14.53 0.59 0.00	20.36 0.83 0.00	25.72 1.01 0.00	32.12 1.20 0.00	28.92 1.11 0.00	31.74 1.26 0.00	26.45 1.08 0.00	19.25 0.77 0.00	16.31 0.66 0.00
NARROWS_GT1_1 24228	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT1_2 24229	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT1_3 24230	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT1_4 24231	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01

NARROWS_GT1_5 24232	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT1_6 24233	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT1_7 24234	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT1_8 24235	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT2_1 24236	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT2_2 24237	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT2_3 24238	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT2_4 24239	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT2_5 24240	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT2_6 24241	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT2_7 24242	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NARROWS_GT2_8 24243	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.80 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.14 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.89 0.94 0.00	20.86 1.33 -0.01	40.39 1.57 -14.11	39.33 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.78 1.52 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.56 0.77 0.00	20.11 0.84 0.00	18.16 0.87 0.00	17.74 0.86 0.00	17.30 0.82 0.00	15.06 0.69 0.00	12.94 0.59 0.00	19.64 0.91 0.00	16.01 0.68 0.00	19.15 0.61 0.00	14.27 0.39 0.00	16.70 0.49 0.00	19.63 0.55 0.00	16.66 0.42 0.00	17.16 0.51 0.00	14.46 0.52 0.00	20.27 0.74 0.00	25.72 1.01 0.00	32.25 1.34 0.00	29.16 1.35 0.00	31.95 1.47 0.00	26.57 1.20 0.00	19.34 0.86 0.00	16.37 0.72 0.00
NCHELSEA_115KV_TR2 355582	19.57 0.78 0.00	20.05 0.78 0.00	18.00 0.71 0.00	17.57 0.69 0.00	17.13 0.66 0.00	14.94 0.57 0.00	12.84 0.50 0.00	19.46 0.74 0.00	15.97 0.64 0.00	19.32 0.78 0.00	14.54 0.66 0.00	16.97 0.76 0.00	20.00 0.92 0.00	17.04 0.81 0.00	17.54 0.89 0.00	14.72 0.77 0.00	20.66 1.13 0.00	26.16 1.45 0.00	32.68 1.76 0.00	29.37 1.56 0.00	32.16 1.68 0.00	26.79 1.42 0.00	19.45 0.97 0.00	16.45 0.80 0.00
NEG CAPITAL___MECHNVIL 23645	19.78 1.00 0.00	20.26 0.99 0.00	18.20 0.92 0.00	17.77 0.90 0.00	17.34 0.87 0.00	15.10 0.73 0.00	12.98 0.63 0.00	19.69 0.96 0.00	16.10 0.77 0.00	19.40 0.86 0.00	14.52 0.63 0.00	16.98 0.77 0.00	19.94 0.86 0.00	16.98 0.75 0.00	17.47 0.82 0.00	14.63 0.69 0.00	20.58 1.06 0.00	26.08 1.37 0.00	32.64 1.73 0.00	29.37 1.56 0.00	32.28 1.79 0.00	26.81 1.43 0.00	19.49 1.01 0.00	16.50 0.85 0.00



NEG CENTRAL_HIGH_ACRES 23767	17.09 -1.17 0.53	18.06 -1.20 0.00	15.66 -1.11 0.52	15.31 -1.11 0.46	15.40 -1.07 0.00	13.44 -0.93 0.00	11.55 -0.79 0.00	17.56 -1.17 0.00	14.28 -1.05 0.00	17.34 -1.20 0.00	13.03 -0.85 0.00	15.22 -0.99 0.00	17.58 -1.20 0.29	13.80 -0.99 1.44	14.14 -1.11 1.40	12.79 -0.91 0.25	17.86 -1.33 0.33	23.11 -1.60 0.00	28.91 -2.01 0.00	24.19 -1.74 1.88	28.50 -1.95 0.03	23.62 -1.75 0.00	16.81 -1.28 0.39	13.80 -1.13 0.72
NEG CENTRAL___DRP 24199	17.53 -0.45 0.81	18.81 -0.45 0.00	16.05 -0.44 0.80	15.76 -0.41 0.71	16.11 -0.37 0.00	14.06 -0.32 0.00	12.09 -0.25 0.00	18.33 -0.40 0.00	14.93 -0.40 0.00	18.03 -0.51 0.00	13.49 -0.39 0.00	15.75 -0.46 0.00	18.07 -0.56 0.45	13.55 -0.47 2.21	13.92 -0.57 2.16	13.09 -0.46 0.39	18.36 -0.64 0.52	24.04 -0.68 0.00	30.08 -0.83 0.00	24.31 -0.63 2.87	29.75 -0.69 0.04	24.72 -0.66 0.00	17.31 -0.50 0.67	13.97 -0.43 1.25
NEG CENTRAL___INDECK 23768	16.69 -0.79 1.31	18.48 -0.78 0.00	15.22 -0.78 1.29	15.02 -0.71 1.14	15.84 -0.63 0.00	13.84 -0.53 0.00	11.90 -0.45 0.00	18.00 -0.71 0.00	14.53 -0.80 0.00	17.48 -1.06 0.00	13.07 -0.81 0.00	15.25 -0.95 0.00	17.20 -1.15 0.72	11.71 -0.96 3.56	12.09 -1.09 3.48	12.46 -0.88 0.61	17.44 -1.27 0.81	23.23 -1.48 0.00	29.18 -1.73 0.00	22.29 -1.08 4.44	29.36 -1.05 0.07	24.30 -1.07 0.00	16.58 -0.84 1.06	12.85 -0.85 1.95
NEG CENTRAL___SENECA 23627	16.92 -0.59 1.29	18.67 -0.60 0.00	15.43 -0.59 1.26	15.23 -0.52 1.12	15.99 -0.48 0.00	13.96 -0.41 0.00	12.02 -0.32 0.00	18.20 -0.52 0.00	14.82 -0.51 0.00	17.88 -0.66 0.00	13.37 -0.51 0.00	15.62 -0.59 0.00	17.63 -0.74 0.71	12.09 -0.64 3.50	12.50 -0.73 3.42	12.74 -0.58 0.63	17.89 -0.81 0.83	23.87 -0.85 0.00	29.90 -1.01 0.00	22.46 -0.78 4.56	29.57 -0.84 0.07	24.57 -0.80 0.00	16.76 -0.63 1.08	13.08 -0.57 2.00
NEG CENTRAL___STATE_STREET 24147	18.34 -0.13 0.31	19.13 -0.14 0.00	16.82 -0.15 0.31	16.41 -0.19 0.27	16.37 -0.10 0.00	14.27 -0.10 0.00	12.27 -0.07 0.00	18.61 -0.11 0.00	15.12 -0.20 0.00	18.31 -0.23 0.00	13.73 -0.15 0.00	15.99 -0.22 0.00	18.66 -0.24 0.17	15.19 -0.19 0.85	15.51 -0.30 0.83	13.53 -0.27 0.15	18.95 -0.38 0.20	24.42 -0.30 0.00	30.51 -0.40 0.00	26.45 -0.27 1.09	30.12 -0.34 0.02	25.04 -0.33 0.00	18.06 -0.19 0.23	15.10 -0.13 0.42
NEG MILLWOOD___DRP 24198	19.61 0.83 0.00	20.09 0.83 0.00	18.03 0.74 0.00	17.61 0.73 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.86 0.52 0.00	19.50 0.78 0.00	16.02 0.69 0.00	19.40 0.86 0.00	14.60 0.72 0.00	17.04 0.83 0.00	20.08 1.00 0.00	17.11 0.88 0.00	17.71 0.97 -0.09	14.78 0.84 0.00	20.74 1.21 0.00	26.24 1.53 0.00	32.77 1.85 0.00	29.46 1.65 0.00	32.25 1.77 0.00	26.87 1.50 0.00	19.50 1.02 0.00	16.49 0.85 0.00
NEG NORTH_FLCN_SEA 23793	18.41 -0.38 0.00	18.71 -0.56 0.00	16.64 -0.65 0.00	16.24 -0.64 0.00	-21.32 -0.72 37.08	10.70 -0.50 3.18	3.54 -0.40 8.40	-21.37 -0.80 39.28	6.68 -0.46 8.19	-1.66 -0.52 19.68	-9.48 -0.46 22.90	-20.59 -0.46 36.34	-11.92 -0.38 30.62	-20.35 -0.37 36.21	-20.75 -0.54 36.85	-21.05 -0.43 34.57	-20.55 -0.58 39.49	6.35 -0.65 17.72	30.64 -0.27 0.00	27.82 0.02 0.00	5.79 -0.42 24.26	-21.22 -0.67 45.92	-11.89 -0.58 29.79	-14.76 -0.46 29.94
NEG NORTH_KES_CHATEGAY 23792	18.37 -0.41 0.00	18.72 -0.54 0.00	16.65 -0.64 0.00	16.26 -0.61 0.00	-23.74 -0.71 39.51	10.51 -0.48 3.38	2.97 -0.41 8.95	-23.88 -0.74 41.86	6.11 -0.60 8.73	-3.03 -0.53 20.97	-9.59 -0.57 22.94	-19.99 -0.57 35.63	-11.43 -0.52 29.99	-19.80 -0.55 35.49	-20.16 -0.67 36.14	-20.47 -0.54 33.88	-20.02 -0.74 38.80	5.89 -0.82 18.00	30.46 -0.45 0.00	27.62 -0.19 0.00	3.97 -0.66 25.85	-24.37 -0.81 48.93	-13.89 -0.62 31.75	-16.81 -0.55 31.91
NEG NORTH___ALICE_FALLS 23915	18.47 -0.32 0.00	18.76 -0.50 0.00	16.69 -0.60 0.00	16.28 -0.59 0.00	-21.66 -0.68 37.46	10.71 -0.45 3.21	3.49 -0.36 8.49	-21.70 -0.73 39.69	6.63 -0.43 8.27	-1.83 -0.48 19.89	-9.47 -0.45 22.91	-20.47 -0.44 36.23	-11.81 -0.37 30.52	-20.24 -0.37 36.10	-20.63 -0.55 36.74	-20.93 -0.41 34.46	-20.42 -0.56 39.38	6.35 -0.61 17.76	30.72 -0.19 0.00	27.90 0.09 0.00	5.62 -0.35 24.52	-21.65 -0.63 46.40	-12.17 -0.54 30.11	-15.06 -0.45 30.25
NEG NORTH___LWR_SARANAC 23913	18.47 -0.32 0.00	18.76 -0.50 0.00	16.69 -0.60 0.00	16.28 -0.59 0.00	-21.66 -0.68 37.46	10.71 -0.45 3.21	3.49 -0.36 8.49	-21.70 -0.73 39.69	6.63 -0.43 8.27	-1.83 -0.48 19.89	-9.47 -0.45 22.91	-20.47 -0.44 36.23	-11.81 -0.37 30.52	-20.24 -0.37 36.10	-20.63 -0.55 36.74	-20.93 -0.41 34.46	-20.42 -0.56 39.38	6.35 -0.61 17.76	30.72 -0.19 0.00	27.90 0.09 0.00	5.62 -0.35 24.52	-21.65 -0.63 46.40	-12.17 -0.54 30.11	-15.06 -0.45 30.25
NEG NORTH___PLATTSBURG 23628	18.47 -0.32 0.00	18.76 -0.50 0.00	16.69 -0.60 0.00	16.28 -0.59 0.00	-21.66 -0.68 37.46	10.71 -0.45 3.21	3.49 -0.36 8.49	-21.70 -0.73 39.69	6.63 -0.43 8.27	-1.83 -0.48 19.89	-9.46 -0.44 22.91	-20.51 -0.49 36.23	-11.81 -0.37 30.52	-20.21 -0.35 36.10	-20.62 -0.53 36.74	-20.83 -0.31 34.46	-20.42 -0.56 39.38	6.35 -0.60 17.76	30.72 -0.19 0.00	27.90 0.09 0.00	5.61 -0.35 24.52	-21.66 -0.64 46.40	-12.17 -0.54 30.11	-15.06 -0.45 30.25
NEG WEST_LEA_LOCKPORT 23791	16.18 -1.77 0.83	17.45 -1.82 0.00	14.79 -1.68 0.81	14.48 -1.67 0.72	14.84 -1.63 0.00	12.95 -1.42 0.00	11.12 -1.22 0.00	16.89 -1.83 0.00	13.69 -1.64 0.00	16.73 -1.81 0.00	12.62 -1.27 0.00	14.72 -1.49 0.00	16.80 -1.82 0.46	12.53 -1.44 2.25	12.82 -1.63 2.20	12.23 -1.33 0.38	16.97 -2.04 0.52	22.16 -2.56 0.00	27.58 -3.34 0.00	21.99 -2.88 2.93	27.18 -3.25 0.05	22.46 -2.92 0.00	15.67 -2.11 0.70	12.43 -1.92 1.30
NEG WEST___LANCASTR 23811	16.98 -0.79 1.02	18.46 -0.81 0.00	15.50 -0.78 1.00	15.22 -0.76 0.89	15.75 -0.73 0.00	13.71 -0.65 0.00	11.81 -0.53 0.00	17.94 -0.78 0.00	14.58 -0.75 0.00	17.81 -0.73 0.00	13.36 -0.52 0.00	15.57 -0.64 0.00	17.72 -0.80 0.56	12.82 -0.64 2.77	13.19 -0.75 2.71	12.85 -0.63 0.47	17.89 -1.00 0.64	23.53 -1.19 0.00	29.28 -1.63 0.00	22.75 -1.36 3.69	28.86 -1.56 0.06	23.88 -1.49 0.00	16.52 -1.07 0.89	13.03 -0.99 1.63
NEG_PENN_ALLEGHNY 23528	18.60 -0.18 0.00	19.09 -0.18 0.00	17.09 -0.20 0.00	16.72 -0.15 0.00	16.33 -0.14 0.00	14.27 -0.11 0.00	12.27 -0.07 0.00	18.60 -0.12 0.00	15.20 -0.13 0.00	18.40 -0.14 0.00	13.76 -0.12 0.00	16.09 -0.12 0.00	18.92 -0.16 0.00	16.06 -0.17 0.00	16.44 -0.21 0.00	13.81 -0.14 0.00	19.29 -0.18 0.05	24.58 -0.13 0.00	30.67 -0.24 0.00	26.25 -0.20 1.36	30.30 -0.16 0.02	25.17 -0.20 0.00	17.97 -0.19 0.32	14.89 -0.17 0.60
NEG___GEN_MONROE 24207	17.19 -1.00 0.60	18.24 -1.03 0.00	15.72 -0.97 0.59	15.37 -0.98 0.52	15.52 -0.95 0.00	13.54 -0.83 0.00	11.64 -0.70 0.00	17.68 -1.04 0.00	14.34 -0.98 0.00	17.42 -1.12 0.00	13.10 -0.78 0.00	15.31 -0.90 0.00	17.64 -1.10 0.33	13.71 -0.89 1.63	14.05 -1.01 1.59	12.86 -0.81 0.28	17.94 -1.21 0.38	23.26 -1.45 0.00	29.07 -1.84 0.00	24.15 -1.53 2.13	28.74 -1.71 0.03	23.76 -1.61 0.00	16.79 -1.18 0.51	13.59 -1.11 0.95

NEPA__ENERGY 23901	16.37 -1.40 1.02	17.91 -1.35 0.00	14.95 -1.34 1.00	14.73 -1.25 0.89	15.27 -1.20 0.00	13.33 -1.04 0.00	11.50 -0.84 0.00	17.42 -1.31 0.00	14.20 -1.12 0.00	17.34 -1.20 0.00	12.96 -0.92 0.00	15.18 -1.03 0.00	17.25 -1.26 0.56	12.31 -1.15 2.77	12.61 -1.33 2.71	12.43 -1.04 0.47	17.40 -1.49 0.64	23.10 -1.61 0.00	28.61 -2.30 0.00	22.06 -2.08 3.67	28.25 -2.17 0.06	23.41 -1.97 0.00	16.09 -1.50 0.89	12.67 -1.36 1.62
NEVERSink__HYD 23608	19.05 0.26 0.00	19.51 0.24 0.00	17.50 0.21 0.00	17.08 0.20 0.00	16.66 0.18 0.00	14.54 0.17 0.00	12.50 0.16 0.00	18.95 0.22 0.00	15.53 0.20 0.00	18.76 0.22 0.00	14.09 0.21 0.00	16.44 0.23 0.00	19.37 0.29 0.00	16.49 0.26 0.00	16.97 0.32 0.00	14.23 0.29 0.00	20.02 0.49 0.00	25.42 0.71 0.00	31.84 0.93 0.00	28.65 0.84 0.00	31.39 0.91 0.00	26.14 0.77 0.00	18.96 0.48 0.00	16.02 0.37 0.00
NEWKRMKL_115KV_TB1 55635	19.11 0.32 0.00	19.68 0.42 0.00	17.79 0.50 0.00	17.37 0.50 0.00	16.94 0.47 0.00	14.75 0.37 0.00	12.67 0.32 0.00	19.20 0.48 0.00	15.73 0.40 0.00	18.95 0.41 0.00	14.17 0.30 0.00	16.53 0.33 0.00	19.47 0.40 0.00	16.57 0.34 0.00	17.06 0.42 0.00	14.32 0.37 0.00	20.05 0.53 0.00	25.27 0.56 0.00	31.54 0.63 0.00	28.41 0.60 0.00	31.13 0.65 0.00	25.96 0.59 0.00	18.94 0.45 0.00	16.06 0.41 0.00
NEWTON__FALLS_HYD 23847	18.44 -0.35 0.00	18.81 -0.46 0.00	16.69 -0.59 0.00	16.21 -0.66 0.00	20.87 -0.64 -5.03	14.20 -0.60 -0.43	12.91 -0.57 -1.14	23.44 -0.61 -5.33	16.02 -0.42 -1.11	20.68 -0.52 -2.67	5.47 -0.70 7.71	-2.64 -0.88 17.98	2.70 -1.01 15.37	-2.71 -0.88 18.06	-2.37 -0.84 18.18	-3.92 -0.56 17.31	-0.07 -0.66 18.95	19.67 -0.96 4.08	29.98 -0.93 0.00	27.32 -0.49 0.00	33.50 -0.28 -3.29	31.00 -0.60 -6.23	21.83 -0.69 -4.04	19.21 -0.50 -4.06
NGRID_A1_DSASP 323792	15.87 -2.07 0.84	17.13 -2.14 0.00	14.50 -1.96 0.83	14.18 -1.95 0.74	14.56 -1.91 0.00	12.70 -1.67 0.00	10.90 -1.44 0.00	16.57 -2.16 0.00	13.43 -1.90 0.00	16.45 -2.09 0.00	12.42 -1.46 0.00	14.49 -1.72 0.00	16.53 -2.08 0.46	12.29 -1.65 2.29	12.55 -1.86 2.24	12.03 -1.53 0.39	16.64 -2.36 0.52	21.73 -2.98 0.00	27.03 -3.88 0.00	21.38 -3.45 2.98	26.63 -3.81 0.05	22.03 -3.35 0.00	15.30 -2.46 0.72	11.98 -2.35 1.32
NGRID_A2_DSASP 323793	15.87 -2.07 0.84	17.13 -2.14 0.00	14.50 -1.96 0.83	14.18 -1.95 0.74	14.56 -1.91 0.00	12.70 -1.67 0.00	10.90 -1.44 0.00	16.57 -2.16 0.00	13.43 -1.90 0.00	16.45 -2.09 0.00	12.42 -1.46 0.00	14.49 -1.72 0.00	16.53 -2.08 0.46	12.29 -1.65 2.29	12.55 -1.86 2.24	12.03 -1.53 0.39	16.64 -2.36 0.52	21.73 -2.98 0.00	27.03 -3.88 0.00	21.38 -3.45 2.98	26.63 -3.81 0.05	22.03 -3.35 0.00	15.30 -2.46 0.72	11.98 -2.35 1.32
NGRID_A4_DSASP 323807	15.87 -2.07 0.84	17.13 -2.14 0.00	14.50 -1.96 0.83	14.18 -1.95 0.74	14.56 -1.91 0.00	12.70 -1.67 0.00	10.90 -1.44 0.00	16.57 -2.16 0.00	13.43 -1.90 0.00	16.45 -2.09 0.00	12.42 -1.46 0.00	14.49 -1.72 0.00	16.53 -2.08 0.46	12.29 -1.65 2.29	12.55 -1.86 2.24	12.03 -1.53 0.39	16.64 -2.36 0.52	21.73 -2.98 0.00	27.03 -3.88 0.00	21.38 -3.45 2.98	26.63 -3.81 0.05	22.03 -3.35 0.00	15.30 -2.46 0.72	11.98 -2.35 1.32
NIAGARA_115E_LBMP 323715	15.93 -2.01 0.85	17.20 -2.07 0.00	14.55 -1.90 0.84	14.24 -1.89 0.74	14.62 -1.85 0.00	12.76 -1.62 0.00	10.96 -1.39 0.00	16.64 -2.08 0.00	13.50 -1.83 0.00	16.51 -2.03 0.00	12.46 -1.42 0.00	14.53 -1.68 0.00	16.57 -2.04 0.47	12.31 -1.61 2.31	12.57 -1.82 2.26	12.06 -1.49 0.39	16.70 -2.30 0.53	21.82 -2.90 0.00	27.10 -3.82 0.00	21.50 -3.32 2.99	26.61 -3.82 0.05	22.02 -3.36 0.00	15.37 -2.40 0.71	12.20 -2.13 1.32
NIAGARA_115W_LBMP 323714	15.84 -2.11 0.84	17.10 -2.17 0.00	14.47 -1.99 0.82	14.16 -1.98 0.73	14.53 -1.94 0.00	12.67 -1.70 0.00	10.89 -1.46 0.00	16.53 -2.19 0.00	13.40 -1.93 0.00	16.42 -2.12 0.00	12.40 -1.48 0.00	14.47 -1.74 0.00	16.50 -2.11 0.46	12.27 -1.68 2.28	12.53 -1.89 2.23	12.00 -1.55 0.39	16.61 -2.39 0.52	21.69 -3.02 0.00	26.97 -3.94 0.00	21.31 -3.51 2.98	26.57 -3.86 0.05	21.98 -3.39 0.00	15.27 -2.49 0.72	11.93 -2.40 1.32
NIAGARA_230_LBMP 323716	16.03 -1.93 0.82	17.30 -1.97 0.00	14.67 -1.82 0.80	14.35 -1.81 0.71	14.71 -1.76 0.00	12.82 -1.55 0.00	11.02 -1.32 0.00	16.74 -1.99 0.00	13.57 -1.76 0.00	16.62 -1.93 0.00	12.54 -1.34 0.00	14.62 -1.58 0.00	16.70 -1.92 0.45	12.47 -1.54 2.22	12.74 -1.74 2.17	12.15 -1.43 0.38	16.82 -2.20 0.51	21.97 -2.74 0.00	27.36 -3.55 0.00	21.71 -3.12 2.98	26.91 -3.53 0.05	22.26 -3.11 0.00	15.51 -2.26 0.71	12.30 -2.03 1.32
NIAGARA__115KV_198_GIBSON 55903	15.84 -2.10 0.84	17.10 -2.17 0.00	14.47 -1.99 0.82	14.16 -1.99 0.73	14.53 -1.94 0.00	12.67 -1.70 0.00	10.89 -1.46 0.00	16.53 -2.19 0.00	13.40 -1.93 0.00	16.42 -2.12 0.00	12.41 -1.48 0.00	14.47 -1.74 0.00	16.51 -2.11 0.46	12.27 -1.68 2.28	12.53 -1.89 2.23	12.00 -1.55 0.39	16.63 -2.38 0.52	21.69 -3.02 0.00	26.98 -3.94 0.00	21.31 -3.52 2.98	26.58 -3.86 0.05	21.97 -3.40 0.00	15.26 -2.49 0.72	11.93 -2.40 1.32
NIAGARA____ 23760	16.03 -1.93 0.82	17.30 -1.97 0.00	14.66 -1.82 0.81	14.34 -1.81 0.72	14.71 -1.76 0.00	12.82 -1.55 0.00	11.02 -1.32 0.00	16.74 -1.99 0.00	13.57 -1.76 0.00	16.62 -1.93 0.00	12.54 -1.34 0.00	14.62 -1.58 0.00	16.70 -1.92 0.45	12.44 -1.54 2.24	12.71 -1.74 2.19	12.14 -1.43 0.38	16.81 -2.20 0.51	21.97 -2.74 0.00	27.36 -3.55 0.00	21.71 -3.12 2.98	26.91 -3.53 0.05	22.26 -3.11 0.00	15.51 -2.26 0.71	12.30 -2.03 1.32
NINE_MILE_1 23575	18.32 -0.47 0.00	18.77 -0.49 0.00	16.84 -0.45 0.00	16.43 -0.44 0.00	16.05 -0.43 0.00	14.00 -0.37 0.00	12.03 -0.31 0.00	18.25 -0.47 0.00	14.92 -0.41 0.00	18.05 -0.49 0.00	13.52 -0.36 0.00	15.79 -0.42 0.00	18.57 -0.50 0.00	15.81 -0.42 0.00	16.17 -0.48 0.00	13.52 -0.43 0.00	18.90 -0.62 0.00	23.88 -0.84 0.00	29.84 -1.08 0.00	26.88 -0.94 0.00	29.46 -1.02 0.00	24.49 -0.88 0.00	17.88 -0.60 0.00	15.14 -0.50 0.00
NINE_MILE_2 23744	18.32 -0.47 0.00	18.78 -0.49 0.00	16.84 -0.45 0.00	16.44 -0.44 0.00	16.05 -0.42 0.00	14.00 -0.37 0.00	12.03 -0.31 0.00	18.25 -0.47 0.00	14.92 -0.41 0.00	18.05 -0.49 0.00	13.52 -0.36 0.00	15.79 -0.42 0.00	18.58 -0.50 0.00	15.81 -0.42 0.00	16.17 -0.48 0.00	13.52 -0.43 0.00	18.90 -0.62 0.00	23.88 -0.84 0.00	29.85 -1.07 0.00	26.88 -0.93 0.00	29.46 -1.02 0.00	24.50 -0.88 0.00	17.88 -0.60 0.00	15.15 -0.50 0.00
NM_CAPITAL__DRP 24208	19.17 0.38 0.00	19.73 0.46 0.00	17.81 0.52 0.00	17.40 0.53 0.00	16.97 0.49 0.00	14.77 0.40 0.00	12.68 0.34 0.00	19.23 0.50 0.00	15.76 0.43 0.00	19.00 0.45 0.00	14.22 0.33 0.00	16.59 0.37 0.00	19.53 0.45 0.00	16.62 0.39 0.00	17.12 0.47 0.00	14.36 0.41 0.00	20.11 0.58 0.00	25.33 0.62 0.00	31.62 0.70 0.00	28.48 0.67 0.00	31.21 0.72 0.00	26.03 0.66 0.00	18.98 0.50 0.00	16.10 0.45 0.00

NM_CENTRAL___DRP 24181	18.55 -0.23 0.00	19.02 -0.25 0.00	17.04 -0.24 0.00	16.64 -0.24 0.00	16.25 -0.23 0.00	14.17 -0.20 0.00	12.19 -0.16 0.00	18.49 -0.24 0.00	15.10 -0.23 0.00	18.26 -0.28 0.00	13.68 -0.21 0.00	15.98 -0.22 0.00	18.80 -0.28 0.00	16.01 -0.22 0.00	16.38 -0.27 0.00	13.71 -0.24 0.00	19.19 -0.34 0.00	24.28 -0.43 0.00	30.34 -0.57 0.00	27.34 -0.47 0.00	29.96 -0.52 0.00	24.89 -0.48 0.00	18.15 -0.33 0.00	15.35 -0.30 0.00
NM_FRONTIER___DRP 24179	15.84 -2.10 0.84	17.10 -2.17 0.00	14.47 -1.99 0.82	14.16 -1.99 0.73	14.53 -1.94 0.00	12.67 -1.70 0.00	10.89 -1.46 0.00	16.53 -2.19 0.00	13.40 -1.93 0.00	16.42 -2.12 0.00	12.41 -1.48 0.00	14.47 -1.74 0.00	16.51 -2.11 0.46	12.27 -1.68 2.28	12.53 -1.89 2.23	12.00 -1.55 0.39	16.63 -2.38 0.52	21.69 -3.02 0.00	26.98 -3.94 0.00	21.31 -3.52 2.98	26.58 -3.86 0.05	21.97 -3.40 0.00	15.26 -2.49 0.72	11.93 -2.40 1.32
NM_ST_REGIS___HYD 24053	18.31 -0.48 0.00	18.70 -0.56 0.00	16.66 -0.63 0.00	16.22 -0.65 0.00	27.28 -0.66 -11.46	14.79 -0.56 -0.98	14.42 -0.52 -2.60	30.13 -0.74 -12.15	17.32 -0.54 -2.53	23.99 -0.63 -6.09	1.65 -0.62 11.60	-12.83 -0.72 28.32	-5.95 -0.79 24.24	-12.96 -0.72 28.48	-12.73 -0.75 28.62	-13.91 -0.56 27.30	-10.95 -0.72 29.75	18.11 -0.89 5.72	30.17 -0.74 0.00	27.30 -0.51 0.00	37.36 -0.63 -7.51	38.84 -0.74 -14.21	27.04 -0.66 -9.22	24.37 -0.54 -9.27
NORTHPORT___1 23551	25.44 1.10 -5.55	20.35 1.09 0.00	18.22 0.94 0.00	17.73 0.86 0.00	17.28 0.81 0.00	15.08 0.71 0.00	12.95 0.61 0.00	19.65 0.93 0.00	16.15 0.82 0.00	19.42 0.88 0.00	14.69 0.81 0.00	17.14 0.93 0.00	20.11 1.04 0.00	17.10 0.87 0.00	18.03 1.10 -0.29	14.90 0.95 0.00	20.81 1.28 0.00	26.35 1.64 0.00	32.86 1.95 0.00	29.59 1.78 0.00	32.43 1.95 0.00	27.02 1.65 0.00	19.60 1.12 0.00	16.58 0.93 0.00
NORTHPORT___2 23552	25.44 1.10 -5.55	20.35 1.09 0.00	18.22 0.94 0.00	17.73 0.86 0.00	17.28 0.81 0.00	15.08 0.71 0.00	12.95 0.61 0.00	19.65 0.93 0.00	16.15 0.82 0.00	19.42 0.88 0.00	14.69 0.81 0.00	17.14 0.93 0.00	20.11 1.04 0.00	17.10 0.87 0.00	18.03 1.10 -0.29	14.90 0.95 0.00	20.81 1.28 0.00	26.35 1.64 0.00	32.86 1.95 0.00	29.59 1.78 0.00	32.43 1.95 0.00	27.02 1.65 0.00	19.60 1.12 0.00	16.58 0.93 0.00
NORTHPORT___3 23553	25.43 1.09 -5.55	20.36 1.09 0.00	18.24 0.95 0.00	17.75 0.87 0.00	17.30 0.83 0.00	15.10 0.73 0.00	12.97 0.62 0.00	19.67 0.95 0.00	16.16 0.83 0.00	19.46 0.92 0.00	14.70 0.82 0.00	17.17 0.96 0.00	20.17 1.09 0.00	17.15 0.92 0.00	18.06 1.13 -0.29	14.93 0.98 0.00	20.88 1.35 0.00	26.42 1.71 0.00	32.99 2.08 0.00	29.67 1.86 0.00	32.52 2.03 0.00	27.09 1.72 0.00	19.66 1.18 0.00	16.62 0.97 0.00
NORTHPORT___4 23650	25.43 1.09 -5.55	20.36 1.09 0.00	18.24 0.95 0.00	17.75 0.87 0.00	17.30 0.83 0.00	15.10 0.73 0.00	12.97 0.62 0.00	19.67 0.95 0.00	16.16 0.83 0.00	19.46 0.92 0.00	14.70 0.82 0.00	17.17 0.96 0.00	20.17 1.09 0.00	17.15 0.92 0.00	18.06 1.13 -0.29	14.93 0.98 0.00	20.88 1.35 0.00	26.42 1.71 0.00	32.99 2.08 0.00	29.67 1.86 0.00	32.52 2.03 0.00	27.09 1.72 0.00	19.66 1.18 0.00	16.62 0.97 0.00
NORTHPORT___IC 23718	25.44 1.10 -5.55	20.35 1.09 0.00	18.23 0.94 0.00	17.73 0.86 0.00	17.28 0.81 0.00	15.08 0.71 0.00	12.95 0.61 0.00	19.65 0.93 0.00	16.15 0.82 0.00	19.42 0.88 0.00	14.69 0.81 0.00	17.14 0.93 0.00	20.11 1.04 0.00	17.10 0.87 0.00	18.03 1.10 -0.29	14.90 0.96 0.00	20.81 1.28 0.00	26.36 1.64 0.00	32.86 1.95 0.00	29.58 1.77 0.00	32.42 1.94 0.00	27.02 1.65 0.00	19.60 1.12 0.00	16.58 0.93 0.00
NORTH___COUNTRY_ESR 323785	18.34 -0.45 0.00	18.67 -0.59 0.00	16.61 -0.68 0.00	16.22 -0.66 0.00	-23.83 -0.74 39.56	10.47 -0.51 3.39	2.93 -0.44 8.96	-23.97 -0.78 41.91	6.06 -0.53 8.74	-3.11 -0.65 21.00	-9.61 -0.54 22.94	-20.05 -0.64 35.62	-11.45 -0.54 29.98	-19.79 -0.55 35.47	-20.16 -0.68 36.13	-20.39 -0.48 33.86	-20.06 -0.79 38.79	5.81 -0.89 18.01	30.35 -0.56 0.00	27.52 -0.29 0.00	3.82 -0.77 25.89	-24.54 -0.91 49.00	-13.99 -0.68 31.79	-16.90 -0.60 31.95
NPX_GEN_1385_PROXY 323591	25.67 1.33 -5.55	20.73 1.46 0.00	18.42 1.14 0.00	17.83 0.95 0.00	17.37 0.90 0.00	15.17 0.79 0.00	13.03 0.69 0.00	19.84 1.12 0.00	16.44 1.11 0.00	19.59 1.04 0.00	14.71 0.83 0.00	17.15 0.95 0.00	20.07 0.99 0.00	16.98 0.74 0.00	18.16 1.22 -0.29	15.00 1.06 0.00	20.76 1.24 0.00	26.57 1.86 0.00	32.82 1.91 0.00	29.63 1.83 0.00	32.55 2.07 0.00	27.03 1.66 0.00	19.54 1.06 0.00	16.55 0.90 0.00
NPX_GEN_CSC 323557	25.58 1.24 -5.55	20.38 1.11 0.00	18.32 1.03 0.00	17.82 0.94 0.00	17.37 0.89 0.00	15.18 0.81 0.00	13.05 0.70 0.00	19.79 1.07 0.00	16.24 0.91 0.00	19.54 1.00 0.00	14.77 0.89 0.00	17.22 1.02 0.00	20.22 1.15 0.00	17.21 0.98 0.00	18.13 1.20 -0.29	15.02 1.08 0.00	21.06 1.54 0.00	26.61 1.90 0.00	33.28 2.36 0.00	29.96 2.15 0.00	32.86 2.37 0.00	27.33 1.96 0.00	19.80 1.32 0.00	16.71 1.06 0.00
NSINS_S___GLNS_FALLS 23858	20.14 1.35 0.00	20.59 1.32 0.00	18.47 1.18 0.00	18.03 1.16 0.00	17.59 1.12 0.00	15.32 0.95 0.00	13.19 0.84 0.00	20.03 1.31 0.00	16.37 1.04 0.00	19.71 1.17 0.00	14.66 0.78 0.00	17.15 0.94 0.00	20.09 1.02 0.00	17.09 0.86 0.00	17.59 0.94 0.00	14.72 0.77 0.00	20.77 1.24 0.00	26.37 1.66 0.00	33.15 2.23 0.00	29.71 1.91 0.00	32.83 2.35 0.00	27.19 1.81 0.00	19.77 1.29 0.00	16.74 1.09 0.00
NUCOR_STEEL___DRP 24197	18.46 -0.11 0.21	19.14 -0.13 0.00	16.94 -0.14 0.21	16.50 -0.19 0.19	16.38 -0.09 0.00	14.29 -0.08 0.00	12.28 -0.06 0.00	18.62 -0.09 0.00	15.13 -0.19 0.00	18.33 -0.21 0.00	13.74 -0.14 0.00	16.00 -0.21 0.00	18.74 -0.22 0.12	15.49 -0.16 0.57	15.81 -0.28 0.56	13.59 -0.25 0.10	19.03 -0.37 0.13	24.44 -0.27 0.00	30.53 -0.38 0.00	26.83 -0.26 0.72	30.11 -0.36 0.01	25.06 -0.31 0.00	18.31 -0.17 0.00	15.53 -0.12 0.00
NUMBER_THREE_WT_PWR 323818	18.70 -0.09 0.00	19.02 -0.24 0.00	16.83 -0.46 0.00	16.33 -0.55 0.00	18.17 -0.50 -2.19	14.03 -0.52 -0.19	12.31 -0.53 -0.50	20.66 -0.38 -2.32	15.65 -0.16 -0.48	19.50 -0.21 -1.16	10.34 -0.62 2.92	8.41 -0.91 6.89	12.14 -1.04 5.90	8.41 -0.89 6.93	8.89 -0.79 6.97	6.86 -0.45 6.64	11.79 -0.47 7.26	22.32 -0.88 1.51	30.06 -0.85 0.00	27.57 -0.24 0.00	32.20 0.29 -1.43	27.80 -0.29 -2.71	19.64 -0.60 -1.76	17.07 -0.35 -1.77
NYISO_LBMP_REFERENCE 24008	18.79 0.00 0.00	19.27 0.00 0.00	17.29 0.00 0.00	16.87 0.00 0.00	16.48 0.00 0.00	14.37 0.00 0.00	12.34 0.00 0.00	18.72 0.00 0.00	15.33 0.00 0.00	18.54 0.00 0.00	13.88 0.00 0.00	16.21 0.00 0.00	19.07 0.00 0.00	16.23 0.00 0.00	16.65 0.00 0.00	13.95 0.00 0.00	19.53 0.00 0.00	24.71 0.00 0.00	30.91 0.00 0.00	27.81 0.00 0.00	30.48 0.00 0.00	25.37 0.00 0.00	18.48 0.00 0.00	15.65 0.00 0.00

NYPA_BRENTWD____GT 24164	25.63	20.52	18.38	17.89	17.43	15.21	13.06	19.82	16.28	19.59	14.80	17.27	20.28	17.26	18.19	15.05	21.07	26.69	33.32	30.00	32.87	27.38	19.84	16.76
	1.29	1.26	1.09	1.01	0.96	0.84	0.72	1.10	0.95	1.05	0.92	1.06	1.20	1.03	1.26	1.10	1.54	1.97	2.41	2.19	2.39	2.01	1.36	1.11
	-5.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT5 24156	19.67	20.16	18.09	17.67	17.22	15.01	12.89	19.53	16.07	19.47	14.68	17.14	20.19	17.23	18.03	14.89	20.86	40.39	39.33	38.51	38.65	39.78	26.45	16.57
	0.88	0.89	0.80	0.79	0.74	0.63	0.55	0.81	0.73	0.92	0.80	0.92	1.11	1.00	1.10	0.94	1.33	1.57	1.87	1.64	1.78	1.52	1.10	0.92
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	-0.01	-14.11	-6.54	-9.07	-6.38	-12.89	-6.88	-0.01
NYPA_GOWANUS____GT6 24157	19.67	20.16	18.09	17.67	17.22	15.01	12.89	19.53	16.07	19.47	14.68	17.14	20.19	17.23	18.03	14.89	20.86	40.39	39.33	38.51	38.65	39.78	26.45	16.57
	0.88	0.89	0.80	0.79	0.74	0.63	0.55	0.81	0.73	0.92	0.80	0.92	1.11	1.00	1.10	0.94	1.33	1.57	1.87	1.64	1.78	1.52	1.10	0.92
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	-0.01	-14.11	-6.54	-9.07	-6.38	-12.89	-6.88	-0.01
NYPA_HARLEM__RVR__GT1 24160	19.58	20.07	18.03	17.63	17.18	14.97	12.85	19.46	16.00	19.40	14.62	17.07	20.10	17.15	17.96	14.79	20.70	26.17	32.63	29.31	32.12	26.79	19.47	16.48
	0.79	0.80	0.73	0.75	0.70	0.60	0.51	0.74	0.66	0.86	0.74	0.86	1.03	0.92	1.03	0.85	1.17	1.46	1.71	1.51	1.64	1.42	0.98	0.83
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	19.58	20.07	18.03	17.63	17.18	14.97	12.85	19.46	16.00	19.40	14.62	17.07	20.10	17.15	17.96	14.79	20.70	26.17	32.63	29.31	32.12	26.79	19.47	16.48
	0.79	0.80	0.73	0.75	0.70	0.60	0.51	0.74	0.66	0.86	0.74	0.86	1.03	0.92	1.03	0.85	1.17	1.46	1.71	1.51	1.64	1.42	0.98	0.83
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA_KENT____GT 24152	19.65	20.13	18.07	17.65	17.20	14.99	12.88	19.51	16.04	19.44	14.66	17.12	20.16	17.21	18.01	14.87	20.82	34.76	36.69	34.88	36.07	34.64	23.70	16.55
	0.86	0.86	0.77	0.78	0.72	0.62	0.53	0.79	0.71	0.90	0.78	0.91	1.09	0.98	1.08	0.92	1.29	1.54	1.83	1.60	1.74	1.49	1.07	0.89
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	-8.51	-3.95	-5.47	-3.85	-7.78	-4.15	-0.01
NYPA_POUCH1____GT 24155	19.62	20.11	18.05	17.62	17.18	14.98	12.86	19.49	16.02	19.41	14.64	17.08	20.12	17.18	17.97	14.83	20.79	37.63	39.17	38.38	38.50	39.67	26.38	16.51
	0.83	0.83	0.75	0.75	0.70	0.60	0.52	0.77	0.69	0.87	0.75	0.87	1.04	0.94	1.04	0.89	1.25	1.45	1.72	1.50	1.64	1.41	1.02	0.86
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	-0.01	-11.48	-6.54	-9.07	-6.38	-12.89	-6.88	-0.01
NYPA_VERNON____GT2 24162	19.63	20.11	18.05	17.63	17.18	14.98	12.87	19.49	16.03	19.42	14.65	17.10	20.14	17.19	17.99	14.85	20.79	29.14	34.06	31.25	33.50	29.50	20.95	16.53
	0.83	0.84	0.75	0.76	0.70	0.61	0.52	0.77	0.69	0.88	0.77	0.89	1.06	0.96	1.06	0.90	1.26	1.51	1.79	1.56	1.70	1.46	1.04	0.88
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	-2.92	-1.35	-1.88	-1.32	-2.67	-1.43	-0.01
NYPA_VERNON____GT3 24163	19.63	20.11	18.05	17.63	17.18	14.98	12.87	19.49	16.03	19.42	14.65	17.10	20.14	17.19	17.99	14.85	20.79	29.14	34.06	31.25	33.50	29.50	20.95	16.53
	0.83	0.84	0.75	0.76	0.70	0.61	0.52	0.77	0.69	0.88	0.77	0.89	1.06	0.96	1.06	0.90	1.26	1.51	1.79	1.56	1.70	1.46	1.04	0.88
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	-2.92	-1.35	-1.88	-1.32	-2.67	-1.43	-0.01
NYPA__ASTORIA_CC1 323568	19.60	20.09	18.03	17.62	17.17	14.97	12.85	19.47	16.01	19.40	14.64	17.08	20.12	17.17	17.97	14.83	20.76	26.18	32.67	29.33	32.13	26.79	19.51	16.51
	0.81	0.81	0.74	0.74	0.69	0.60	0.51	0.75	0.67	0.85	0.75	0.87	1.04	0.94	1.04	0.88	1.23	1.47	1.75	1.52	1.65	1.42	1.02	0.86
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA__ASTORIA_CC2 323569	19.60	20.09	18.03	17.62	17.17	14.97	12.85	19.47	16.01	19.40	14.64	17.08	20.12	17.17	17.97	14.83	20.76	26.18	32.67	29.33	32.13	26.79	19.51	16.51
	0.81	0.81	0.74	0.74	0.69	0.60	0.51	0.75	0.67	0.85	0.75	0.87	1.04	0.94	1.04	0.88	1.23	1.47	1.75	1.52	1.65	1.42	1.02	0.86
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA__HOLTSVILL 23794	25.54	20.40	18.30	17.80	17.35	15.15	13.02	19.75	16.21	19.51	14.74	17.20	20.20	17.19	18.11	14.99	21.00	26.55	33.16	29.85	32.72	27.25	19.76	16.69
	1.20	1.14	1.01	0.93	0.88	0.78	0.67	1.03	0.88	0.97	0.86	0.99	1.13	0.96	1.18	1.04	1.47	1.84	2.25	2.04	2.24	1.88	1.28	1.04
	-5.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HELLGATE_GT1 24158	19.58	20.07	18.03	17.63	17.18	14.97	12.85	19.46	16.00	19.40	14.62	17.07	20.10	17.15	17.96	14.79	20.70	26.17	32.62	29.30	32.12	26.79	19.47	16.48
	0.79	0.80	0.73	0.75	0.70	0.60	0.51	0.74	0.66	0.86	0.74	0.86	1.03	0.92	1.03	0.85	1.17	1.46	1.70	1.49	1.64	1.42	0.98	0.83
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA__HELLGATE_GT2 24159	19.58	20.07	18.03	17.63	17.18	14.97	12.85	19.46	16.00	19.40	14.62	17.07	20.10	17.15	17.96	14.79	20.70	26.17	32.62	29.30	32.12	26.79	19.47	16.48
	0.79	0.80	0.73	0.75	0.70	0.60	0.51	0.74	0.66	0.86	0.74	0.86	1.03	0.92	1.03	0.85	1.17	1.46	1.70	1.49	1.64	1.42	0.98	0.83
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYS_BARGE__HYD 23848	16.22	17.46	14.81	14.50	14.86	12.96	11.13	16.91	13.70	16.74	12.62	14.72	16.82	12.58	12.86	12.25	16.98	22.18	27.60	22.07	27.19	22.48	15.69	12.47
	-1.75	-1.81	-1.67	-1.66	-1.62	-1.41	-1.21	-1.81	-1.63	-1.80	-1.26	-1.48	-1.80	-1.43	-1.62	-1.31	-2.03	-2.53	-3.31	-2.85	-3.25	-2.89	-2.10	-1.90
	0.82	0.00	0.80	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	2.22	2.17	0.38	0.51	0.00	0.00	2.89	0.05	0.00	0.69	1.28

OAK ORCHARD___HYD 24046	17.15 -1.05 0.59	18.20 -1.07 0.00	15.70 -1.00 0.58	15.35 -1.01 0.52	15.50 -0.98 0.00	13.51 -0.86 0.00	11.62 -0.72 0.00	17.64 -1.08 0.00	14.34 -0.99 0.00	17.43 -1.11 0.00	13.12 -0.76 0.00	15.32 -0.88 0.00	17.67 -1.08 0.33	13.76 -0.87 1.60	14.09 -0.99 1.57	12.87 -0.81 0.28	17.94 -1.22 0.37	23.24 -1.47 0.00	29.04 -1.88 0.00	24.11 -1.61 2.09	28.65 -1.81 0.03	23.72 -1.65 0.00	16.76 -1.21 0.50	13.59 -1.12 0.93
OAKDALE___35_KV_LOAD 356122	18.57 -0.22 0.00	19.04 -0.22 0.00	17.05 -0.24 0.00	16.67 -0.20 0.00	16.29 -0.19 0.00	14.23 -0.15 0.00	12.25 -0.10 0.00	18.56 -0.17 0.00	15.16 -0.17 0.00	18.35 -0.19 0.00	13.73 -0.15 0.00	16.05 -0.16 0.00	18.88 -0.20 0.00	16.03 -0.20 0.00	16.41 -0.24 0.00	13.78 -0.17 0.00	19.22 -0.24 0.07	24.51 -0.20 0.00	30.58 -0.33 0.00	25.68 -0.28 1.84	30.19 -0.27 0.03	25.10 -0.28 0.00	17.80 -0.23 0.44	14.63 -0.20 0.81
OCC_CHEM___DRP 24175	15.87 -2.07 0.84	17.13 -2.14 0.00	14.50 -1.96 0.83	14.18 -1.95 0.74	14.56 -1.91 0.00	12.70 -1.67 0.00	10.91 -1.44 0.00	16.56 -2.16 0.00	13.43 -1.90 0.00	16.45 -2.09 0.00	12.42 -1.46 0.00	14.49 -1.72 0.00	16.53 -2.08 0.46	12.29 -1.65 2.29	12.56 -1.86 2.24	12.02 -1.53 0.39	16.66 -2.35 0.52	21.73 -2.98 0.00	27.03 -3.88 0.00	21.37 -3.46 2.98	26.63 -3.81 0.05	22.02 -3.36 0.00	15.29 -2.46 0.72	11.98 -2.35 1.32
OH_GEN_PROXY 24063	16.09 -1.89 0.81	17.35 -1.92 0.00	14.72 -1.77 0.79	14.40 -1.76 0.71	14.76 -1.72 0.00	12.86 -1.51 0.00	11.05 -1.29 0.00	16.79 -1.93 0.00	13.62 -1.71 0.00	16.67 -1.87 0.00	12.57 -1.31 0.00	14.66 -1.55 0.00	16.76 -1.87 0.45	12.52 -1.51 2.20	12.80 -1.70 2.15	12.18 -1.39 0.37	16.88 -2.14 0.50	22.04 -2.67 0.00	27.46 -3.46 0.00	21.81 -3.05 2.95	27.01 -3.43 0.05	22.34 -3.03 0.00	15.58 -2.20 0.70	12.37 -1.97 1.30
OLIN_CORP_DRP 24177	15.95 -1.98 0.86	17.23 -2.04 0.00	14.57 -1.88 0.84	14.25 -1.87 0.75	14.65 -1.83 0.00	12.78 -1.59 0.00	10.97 -1.37 0.00	16.67 -2.05 0.00	13.51 -1.82 0.00	16.54 -2.00 0.00	12.48 -1.40 0.00	14.55 -1.66 0.00	16.59 -2.01 0.47	12.31 -1.59 2.33	12.58 -1.79 2.28	12.08 -1.47 0.40	16.73 -2.26 0.54	21.85 -2.86 0.00	27.16 -3.75 0.00	21.52 -3.27 3.02	26.70 -3.73 0.05	22.06 -3.31 0.00	15.39 -2.37 0.72	12.20 -2.12 1.33
OLIN_CORP_DSASP 323712	15.87 -2.07 0.84	17.13 -2.14 0.00	14.50 -1.96 0.83	14.18 -1.95 0.74	14.56 -1.91 0.00	12.70 -1.67 0.00	10.90 -1.44 0.00	16.57 -2.16 0.00	13.43 -1.90 0.00	16.45 -2.09 0.00	12.42 -1.46 0.00	14.49 -1.72 0.00	16.53 -2.08 0.46	12.29 -1.65 2.29	12.55 -1.86 2.24	12.03 -1.53 0.39	16.64 -2.36 0.52	21.73 -2.98 0.00	27.03 -3.88 0.00	21.38 -3.45 2.98	26.63 -3.81 0.05	22.03 -3.35 0.00	15.30 -2.46 0.72	11.98 -2.35 1.32
ONEIDA_HERK_LFGE 323681	18.94 0.15 0.00	19.35 0.08 0.00	17.26 -0.02 0.00	16.81 -0.06 0.00	17.43 -0.04 -1.01	14.38 -0.08 -0.09	12.48 -0.09 -0.23	19.84 0.05 -1.06	15.64 0.09 -0.22	19.17 0.10 -0.53	12.95 -0.14 0.80	13.98 -0.21 2.02	17.10 -0.25 1.73	13.99 -0.22 2.03	14.47 -0.14 2.04	11.99 -0.02 1.94	17.47 0.05 2.11	24.34 0.00 0.37	30.97 0.06 0.00	28.09 0.28 0.00	31.66 0.52 -0.66	26.80 0.18 -1.25	19.25 -0.04 -0.81	16.48 0.01 -0.81
ONEIDA___115KV_TB4 55905	19.04 0.25 0.00	19.48 0.21 0.00	17.43 0.15 0.00	17.01 0.14 0.00	16.61 0.14 0.00	14.49 0.12 0.00	12.45 0.11 0.00	18.95 0.22 0.00	15.47 0.14 0.00	18.66 0.12 0.00	13.90 0.02 0.00	16.26 0.05 0.00	19.11 0.03 0.00	16.28 0.05 0.00	16.74 0.09 0.00	14.09 0.14 0.00	19.75 0.23 0.00	25.08 0.37 0.00	31.37 0.46 0.00	28.27 0.46 0.00	31.02 0.54 0.00	25.71 0.34 0.00	18.68 0.20 0.00	15.80 0.15 0.00
ONONDAGA_REF_OCCRA 23987	18.88 -0.14 -0.23	19.11 -0.16 0.00	17.36 -0.16 -0.23	16.94 -0.15 -0.20	16.33 -0.15 0.00	14.25 -0.12 0.00	12.25 -0.09 0.00	18.58 -0.14 0.00	15.18 -0.15 0.00	18.35 -0.19 0.00	13.74 -0.14 0.00	16.06 -0.15 0.00	19.02 -0.19 -0.13	16.73 -0.15 -0.65	17.08 -0.20 -0.63	13.89 -0.17 -0.11	19.45 -0.23 -0.15	24.44 -0.27 0.00	30.54 -0.37 0.00	28.46 -0.28 -0.93	30.19 -0.30 -0.01	25.07 -0.30 0.00	18.49 -0.22 -0.22	15.86 -0.20 -0.42
ONONDAGA___COGEN 23986	18.64 -0.15 0.00	19.11 -0.16 0.00	17.13 -0.15 0.00	16.73 -0.15 0.00	16.34 -0.13 0.00	14.26 -0.12 0.00	12.26 -0.08 0.00	18.59 -0.13 0.00	15.17 -0.16 0.00	18.36 -0.18 0.00	13.75 -0.13 0.00	16.07 -0.14 0.00	18.90 -0.18 0.00	16.09 -0.14 0.00	16.45 -0.20 0.00	13.77 -0.18 0.00	19.28 -0.25 0.00	24.43 -0.28 0.00	30.52 -0.39 0.00	27.51 -0.29 0.00	30.15 -0.33 0.00	25.05 -0.33 0.00	18.26 -0.22 0.00	15.45 -0.19 0.00
ONTARIO___LFGE 23819	16.91 -0.59 1.29	18.67 -0.60 0.00	15.43 -0.59 1.26	15.23 -0.52 1.12	15.99 -0.48 0.00	13.96 -0.42 0.00	12.02 -0.32 0.00	18.20 -0.52 0.00	14.82 -0.51 0.00	17.88 -0.66 0.00	13.36 -0.51 0.00	15.62 -0.59 0.00	17.63 -0.74 0.71	12.10 -0.64 3.50	12.49 -0.73 3.42	12.74 -0.58 0.63	17.88 -0.81 0.83	23.87 -0.85 0.00	29.90 -1.01 0.00	22.46 -0.78 4.56	29.57 -0.84 0.07	24.57 -0.80 0.00	16.76 -0.63 1.08	13.08 -0.57 2.00
ORANGEVILLE_WT_PWR 323706	15.81 -1.69 1.29	17.62 -1.64 0.00	14.49 -1.53 1.27	14.38 -1.37 1.13	15.22 -1.26 0.00	13.28 -1.09 0.00	11.36 -0.98 0.00	17.14 -1.58 0.00	13.93 -1.40 0.00	16.88 -1.66 0.00	12.59 -1.29 0.00	14.70 -1.51 0.00	16.56 -1.81 0.71	11.23 -1.50 3.50	11.58 -1.65 3.42	12.01 -1.33 0.60	16.75 -1.98 0.79	22.35 -2.37 0.00	27.87 -3.04 0.00	20.93 -2.51 4.37	27.69 -2.72 0.07	22.96 -2.41 0.00	15.64 -1.79 1.05	12.11 -1.61 1.92
ORANGEVILLE___ESR 323794	15.81 -1.69 1.29	17.62 -1.64 0.00	14.49 -1.53 1.27	14.38 -1.37 1.13	15.22 -1.26 0.00	13.28 -1.09 0.00	11.36 -0.98 0.00	17.14 -1.58 0.00	13.93 -1.40 0.00	16.88 -1.66 0.00	12.59 -1.29 0.00	14.70 -1.51 0.00	16.56 -1.81 0.71	11.23 -1.50 3.50	11.58 -1.65 3.42	12.01 -1.33 0.60	16.75 -1.98 0.79	22.35 -2.37 0.00	27.87 -3.04 0.00	20.93 -2.51 4.37	27.69 -2.72 0.07	22.96 -2.41 0.00	15.64 -1.79 1.05	12.11 -1.61 1.92
OSWEGATCHIE___HYD 24044	18.44 -0.35 0.00	18.81 -0.46 0.00	16.70 -0.59 0.00	16.21 -0.66 0.00	20.87 -0.64 -5.03	14.20 -0.60 -0.43	12.91 -0.57 -1.14	23.44 -0.61 -5.33	16.02 -0.41 -1.11	20.68 -0.52 -2.67	5.47 -0.70 7.71	-2.65 -0.88 17.98	2.70 -1.01 15.37	-2.70 -0.87 18.06	-2.36 -0.84 18.18	-3.91 -0.54 17.31	-0.07 -0.66 18.95	19.67 -0.96 4.08	29.98 -0.93 0.00	27.32 -0.49 0.00	33.50 -0.28 -3.29	31.00 -0.60 -6.23	21.83 -0.69 -4.04	19.21 -0.51 -4.06
OSWEGO___5 23606	18.39 -0.40 0.00	18.86 -0.41 0.00	16.91 -0.38 0.00	16.50 -0.37 0.00	16.12 -0.36 0.00	14.06 -0.31 0.00	12.08 -0.26 0.00	18.33 -0.39 0.00	14.98 -0.35 0.00	18.12 -0.42 0.00	13.57 -0.31 0.00	15.85 -0.36 0.00	18.65 -0.43 0.00	15.87 -0.36 0.00	16.24 -0.41 0.00	13.58 -0.36 0.00	19.00 -0.53 0.00	24.02 -0.69 0.00	30.03 -0.89 0.00	27.04 -0.76 0.00	29.64 -0.84 0.00	24.64 -0.73 0.00	17.98 -0.50 0.00	15.22 -0.42 0.00

OSWEGO___6 23613	18.39 -0.40 0.00	18.86 -0.41 0.00	16.91 -0.38 0.00	16.50 -0.37 0.00	16.12 -0.36 0.00	14.06 -0.31 0.00	12.08 -0.26 0.00	18.33 -0.39 0.00	14.98 -0.35 0.00	18.12 -0.42 0.00	13.57 -0.31 0.00	15.85 -0.36 0.00	18.65 -0.43 0.00	15.87 -0.36 0.00	16.24 -0.41 0.00	13.58 -0.36 0.00	19.00 -0.53 0.00	24.02 -0.69 0.00	30.03 -0.89 0.00	27.04 -0.76 0.00	29.64 -0.84 0.00	24.64 -0.73 0.00	17.98 -0.50 0.00	15.22 -0.42 0.00
OUTOKUMPU-AB___DRP 24206	16.27 -1.65 0.87	17.58 -1.69 0.00	14.86 -1.57 0.86	14.55 -1.56 0.76	14.96 -1.52 0.00	13.05 -1.32 0.00	11.20 -1.14 0.00	17.01 -1.72 0.00	13.79 -1.54 0.00	16.88 -1.67 0.00	12.72 -1.16 0.00	14.84 -1.37 0.00	16.93 -1.66 0.48	12.54 -1.32 2.38	12.82 -1.50 2.32	12.32 -1.22 0.41	17.09 -1.89 0.55	22.36 -2.36 0.00	27.83 -3.09 0.00	22.01 -2.70 3.10	27.42 -3.01 0.05	22.66 -2.71 0.00	15.75 -1.98 0.75	12.41 -1.87 1.37
OXBOW___BTM 323836	16.06 -1.87 0.86	17.35 -1.92 0.00	14.67 -1.77 0.84	14.36 -1.77 0.75	14.75 -1.73 0.00	12.86 -1.51 0.00	11.05 -1.29 0.00	16.78 -1.94 0.00	13.61 -1.72 0.00	16.66 -1.88 0.00	12.57 -1.31 0.00	14.67 -1.55 0.00	16.73 -1.87 0.47	12.42 -1.48 2.33	12.69 -1.68 2.28	12.17 -1.38 0.40	16.86 -2.13 0.54	22.05 -2.66 0.00	27.44 -3.47 0.00	21.70 -3.07 3.04	27.03 -3.40 0.05	22.35 -3.02 0.00	15.52 -2.22 0.74	12.20 -2.11 1.34
OXBOW____ 24026	16.06 -1.87 0.86	17.35 -1.92 0.00	14.67 -1.77 0.84	14.36 -1.77 0.75	14.75 -1.73 0.00	12.86 -1.51 0.00	11.05 -1.29 0.00	16.78 -1.94 0.00	13.61 -1.72 0.00	16.66 -1.88 0.00	12.57 -1.31 0.00	14.67 -1.54 0.00	16.73 -1.87 0.47	12.41 -1.48 2.33	12.69 -1.68 2.28	12.17 -1.38 0.40	16.87 -2.12 0.54	22.04 -2.67 0.00	27.44 -3.48 0.00	21.70 -3.07 3.04	27.03 -3.40 0.05	22.34 -3.03 0.00	15.52 -2.22 0.74	12.19 -2.11 1.34
OXY_CHEM_DSASP 323612	15.87 -2.07 0.84	17.13 -2.14 0.00	14.50 -1.96 0.83	14.18 -1.95 0.74	14.56 -1.91 0.00	12.70 -1.67 0.00	10.91 -1.44 0.00	16.56 -2.16 0.00	13.43 -1.90 0.00	16.45 -2.09 0.00	12.42 -1.46 0.00	14.49 -1.72 0.00	16.53 -2.08 0.46	12.29 -1.65 2.29	12.56 -1.86 2.24	12.02 -1.53 0.39	16.66 -2.35 0.52	21.73 -2.98 0.00	27.03 -3.88 0.00	21.37 -3.46 2.98	26.63 -3.81 0.05	22.02 -3.36 0.00	15.29 -2.46 0.72	11.98 -2.35 1.32
OZONE_PARK_ESR 323760	19.71 0.92 0.00	20.19 0.92 0.00	18.11 0.82 0.00	17.69 0.82 0.00	17.24 0.76 0.00	15.03 0.66 0.00	12.91 0.56 0.00	19.56 0.84 0.00	16.08 0.75 0.00	19.49 0.95 0.00	14.70 0.83 0.00	17.15 0.94 0.00	20.21 1.14 0.00	17.25 1.02 0.00	18.06 1.13 -0.28	14.92 0.97 0.00	20.89 1.37 0.00	26.37 1.66 0.00	32.93 2.01 0.00	29.58 1.77 0.00	32.44 1.96 0.00	27.08 1.71 0.00	19.68 1.20 0.00	16.63 0.98 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.87 -2.07 0.84	17.13 -2.14 0.00	14.50 -1.96 0.83	14.18 -1.95 0.74	14.56 -1.91 0.00	12.70 -1.67 0.00	10.91 -1.44 0.00	16.56 -2.16 0.00	13.43 -1.90 0.00	16.45 -2.09 0.00	12.42 -1.46 0.00	14.49 -1.72 0.00	16.53 -2.08 0.46	12.29 -1.65 2.29	12.56 -1.86 2.24	12.02 -1.53 0.39	16.66 -2.35 0.52	21.73 -2.98 0.00	27.03 -3.88 0.00	21.37 -3.46 2.98	26.63 -3.81 0.05	22.02 -3.36 0.00	15.29 -2.46 0.72	11.98 -2.35 1.32
PACKARD__115KV_DUPONT_184 80571	15.87 -2.07 0.84	17.13 -2.14 0.00	14.50 -1.96 0.83	14.18 -1.95 0.74	14.56 -1.91 0.00	12.70 -1.67 0.00	10.91 -1.44 0.00	16.56 -2.16 0.00	13.43 -1.90 0.00	16.45 -2.09 0.00	12.42 -1.46 0.00	14.49 -1.72 0.00	16.53 -2.08 0.46	12.29 -1.65 2.29	12.56 -1.86 2.24	12.02 -1.53 0.39	16.66 -2.35 0.52	21.73 -2.98 0.00	27.03 -3.88 0.00	21.37 -3.46 2.98	26.63 -3.81 0.05	22.02 -3.36 0.00	15.29 -2.46 0.72	11.98 -2.35 1.32
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.57 0.78 0.00	20.05 0.78 0.00	18.01 0.72 -0.01	17.60 0.73 0.00	17.14 0.67 0.00	14.94 0.57 0.00	12.83 0.48 0.00	19.42 0.70 0.00	15.97 0.64 -0.01	19.35 0.81 0.00	14.58 0.70 0.00	17.02 0.81 0.00	20.05 0.98 0.00	17.11 0.88 0.00	17.91 0.98 -0.28	14.77 0.82 0.00	20.69 1.16 0.00	26.16 1.44 0.00	32.60 1.69 0.00	29.29 1.48 0.00	32.09 1.61 0.00	26.76 1.39 0.00	19.45 0.96 -0.01	16.46 0.81 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.65 0.86 0.00	20.14 0.87 0.00	18.09 0.79 -0.01	17.69 0.81 0.00	17.22 0.74 0.00	15.02 0.64 0.00	12.87 0.53 0.00	19.48 0.76 0.00	16.00 0.67 -0.01	19.36 0.82 0.00	14.60 0.72 0.00	17.03 0.82 0.00	20.05 0.98 0.00	17.11 0.88 -0.28	17.91 0.98 0.00	14.77 0.82 0.00	20.69 1.16 0.00	26.16 1.45 0.00	32.63 1.72 0.00	29.32 1.51 0.00	32.18 1.70 0.00	26.82 1.44 0.00	19.49 1.01 -0.01	16.50 0.85 -0.01
PATROON__115KV_TB1 80586	19.17 0.38 0.00	19.73 0.46 0.00	17.82 0.53 0.00	17.41 0.53 0.00	16.98 0.50 0.00	14.78 0.41 0.00	12.69 0.35 0.00	19.25 0.52 0.00	15.77 0.44 0.00	18.99 0.45 0.00	14.21 0.33 0.00	16.58 0.37 0.00	19.53 0.45 0.00	16.62 0.39 0.00	17.11 0.46 0.00	14.36 0.41 0.00	20.11 0.59 0.00	25.35 0.64 0.00	31.64 0.73 0.00	28.50 0.69 0.00	31.23 0.75 0.00	26.04 0.67 0.00	18.99 0.51 0.00	16.10 0.45 0.00
PATTRSNVILLE___SOLAR 323815	19.45 0.66 0.00	19.93 0.67 0.00	17.90 0.61 0.00	17.47 0.59 0.00	17.05 0.57 0.00	14.86 0.49 0.00	12.77 0.42 0.00	19.34 0.62 0.00	15.74 0.41 0.00	18.91 0.37 0.00	14.13 0.25 0.00	16.61 0.41 0.00	19.49 0.42 0.00	16.59 0.36 0.00	17.08 0.43 0.00	14.26 0.32 0.00	20.18 0.65 0.00	25.62 0.91 0.00	32.11 1.20 0.00	28.91 1.10 0.00	31.71 1.23 0.00	26.37 1.00 0.00	19.18 0.70 0.00	16.22 0.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.81 -0.99 0.98	18.26 -1.00 0.00	15.35 -0.97 0.97	15.06 -0.95 0.86	15.57 -0.90 0.00	13.57 -0.81 0.00	11.67 -0.67 0.00	17.73 -1.00 0.00	14.40 -0.93 0.00	17.60 -0.94 0.00	13.21 -0.67 0.00	15.40 -0.81 0.00	17.54 -0.99 0.54	12.76 -0.79 2.68	13.10 -0.93 2.62	12.73 -0.76 0.46	17.71 -1.20 0.62	23.27 -1.44 0.00	28.98 -1.93 0.00	22.64 -1.64 3.53	28.57 -1.85 0.06	23.63 -1.74 0.00	16.36 -1.26 0.85	12.92 -1.17 1.56
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.61 0.83 0.00	20.09 0.83 0.00	18.03 0.74 0.00	17.61 0.73 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.86 0.52 0.00	19.50 0.78 0.00	16.02 0.69 0.00	19.40 0.86 0.00	14.60 0.72 0.00	17.04 0.83 0.00	20.08 1.00 0.00	17.11 0.88 0.00	17.71 0.97 -0.09	14.78 0.84 0.00	20.74 1.21 0.00	26.24 1.53 0.00	32.77 1.85 0.00	29.46 1.65 0.00	32.25 1.77 0.00	26.87 1.50 0.00	19.50 1.02 0.00	16.49 0.85 0.00
PEEKSKILL____ 23653	19.39 0.60 0.00	19.86 0.60 0.00	17.82 0.53 0.00	17.40 0.53 0.00	16.98 0.50 0.00	14.80 0.44 0.00	12.72 0.38 0.00	19.28 0.55 0.00	15.83 0.50 0.00	19.15 0.61 0.00	14.43 0.55 0.00	16.84 0.63 0.00	19.85 0.77 0.00	16.91 0.68 0.00	17.41 0.77 0.00	14.60 0.65 0.00	20.49 0.97 0.00	25.93 1.21 0.00	32.37 1.46 0.00	29.07 1.26 0.00	31.84 1.36 0.00	26.54 1.17 0.00	19.28 0.80 0.00	16.31 0.67 0.00

PGE MADISON___WINDPWR 24146	21.45 0.75 -1.91	19.80 0.54 0.00	19.64 0.47 -1.88	18.89 0.34 -1.67	16.81 0.33 0.00	14.77 0.40 0.00	12.75 0.40 0.00	19.45 0.73 0.00	15.79 0.46 0.00	18.73 0.19 0.00	14.00 0.12 0.00	16.37 0.17 0.00	20.16 0.02 -1.06	21.36 -0.11 -5.24	21.79 0.01 -5.13	15.00 0.14 -0.91	21.05 0.31 -1.22	25.35 0.64 0.00	32.33 1.41 0.00	36.01 1.39 -6.81	32.01 1.43 -0.11	26.32 0.95 0.00	20.60 0.52 -1.61	19.12 0.50 -2.97
PIERCEFIELD___HYD 23852	18.26 -0.52 0.00	18.68 -0.59 0.00	16.64 -0.65 0.00	16.20 -0.67 0.00	23.22 -0.67 -7.41	14.40 -0.60 -0.63	13.46 -0.56 -1.68	25.80 -0.77 -7.85	16.38 -0.58 -1.64	21.79 -0.69 -3.93	1.52 -0.69 11.67	-11.72 -0.79 27.14	-5.02 -0.90 23.20	-11.82 -0.79 27.26	-11.60 -0.81 27.44	-12.78 -0.60 26.12	-9.84 -0.77 28.60	17.55 -0.97 6.20	30.00 -0.91 0.00	27.14 -0.67 0.00	34.63 -0.70 -4.85	33.77 -0.79 -9.18	23.73 -0.71 -5.96	21.07 -0.57 -5.99
PINELAWN_CC_1 323563	25.50 1.17 -5.55	20.40 1.14 0.00	18.28 0.99 0.00	17.79 0.91 0.00	17.33 0.86 0.00	15.13 0.76 0.00	13.00 0.65 0.00	19.72 1.00 0.00	16.18 0.85 0.00	19.49 0.95 0.00	14.71 0.83 0.00	17.17 0.96 0.00	20.18 1.10 0.00	17.17 0.94 0.00	18.08 1.15 -0.29	14.95 1.00 0.00	20.94 1.41 0.00	26.53 1.82 0.00	33.16 2.24 0.00	29.84 2.03 0.00	32.71 2.23 0.00	27.26 1.89 0.00	19.76 1.28 0.00	16.69 1.04 0.00
PJM_GEN_HTP_PROXY 323702	19.52 0.73 0.00	20.00 0.74 0.00	17.94 0.66 0.00	17.53 0.66 0.00	17.08 0.61 0.00	14.90 0.53 0.00	12.80 0.46 0.00	19.41 0.68 0.00	15.94 0.61 0.00	19.31 0.78 0.00	14.57 0.69 0.00	17.00 0.79 0.00	20.03 0.96 0.00	17.09 0.86 0.00	17.89 0.96 -0.28	14.77 0.82 0.00	20.70 1.17 0.00	26.11 1.40 0.00	32.59 1.68 0.00	26.37 1.47 2.91	28.99 1.58 3.08	26.73 1.36 0.00	19.43 0.95 0.00	16.44 0.79 0.00
PJM_GEN_KEystone 24065	17.98 -0.35 0.46	18.92 -0.34 0.00	16.49 -0.34 0.45	16.16 -0.32 0.40	16.17 -0.30 0.00	14.11 -0.26 0.00	12.13 -0.21 0.00	18.40 -0.32 0.00	15.05 -0.28 0.00	18.28 -0.26 0.00	13.73 -0.15 0.00	16.04 -0.16 0.00	18.62 -0.20 0.25	14.82 -0.16 1.24	14.57 -0.18 1.90	13.60 -0.14 0.21	19.05 -0.19 0.28	24.54 -0.17 0.00	32.50 -0.35 -1.94	22.81 -0.35 4.64	27.28 -0.42 2.78	26.49 -0.37 -1.49	17.77 -0.30 0.41	14.60 -0.28 0.76
PJM_GEN_NEPTUNE_PROXY 323594	23.88 0.93 -4.17	20.18 0.91 0.00	18.08 0.79 0.00	17.62 0.75 0.00	17.17 0.70 0.00	14.99 0.62 0.00	12.87 0.53 0.00	19.52 0.79 0.00	16.03 0.70 0.00	19.34 0.80 0.00	14.61 0.73 0.00	17.05 0.84 0.00	20.05 0.97 0.00	17.07 0.84 0.00	17.95 1.02 -0.29	14.82 0.88 0.00	20.74 1.22 0.00	26.24 1.53 0.00	32.76 1.84 0.00	26.55 1.65 2.91	29.20 1.80 3.08	26.92 1.55 0.00	19.55 1.07 0.00	16.53 0.88 0.00
PJM_GEN_VFT_PROXY 323633	19.46 0.67 0.00	19.94 0.67 0.00	17.89 0.60 0.00	17.48 0.60 0.00	17.04 0.57 0.00	14.86 0.49 0.00	12.76 0.41 0.00	19.33 0.61 0.00	15.88 0.55 0.00	19.24 0.70 0.00	14.51 0.63 0.00	16.94 0.73 0.00	19.96 0.89 0.00	17.02 0.79 0.00	17.82 0.89 -0.28	14.71 0.77 0.00	20.64 1.11 0.00	26.06 1.35 0.00	32.52 1.61 0.00	26.29 1.39 2.91	28.88 1.48 3.08	26.68 1.30 0.00	19.40 0.92 0.00	16.41 0.76 0.00
PLATSBURG_115KV_PMLD1 355749	18.44 -0.35 0.00	18.74 -0.53 0.00	16.66 -0.63 0.00	16.26 -0.61 0.00	-21.29 -0.69 37.07	10.72 -0.48 3.18	3.57 -0.38 8.40	-21.33 -0.78 39.28	6.68 -0.46 8.19	-1.67 -0.53 19.68	-9.49 -0.47 22.90	-20.60 -0.47 36.34	-11.93 -0.39 30.62	-20.37 -0.38 36.21	-20.76 -0.55 36.85	-21.06 -0.43 34.58	-20.56 -0.59 39.50	6.33 -0.67 17.71	30.62 -0.29 0.00	27.81 0.00 0.00	5.78 -0.44 24.26	-21.23 -0.69 45.91	-11.90 -0.59 29.79	-14.76 -0.47 29.94
PLEASANTVLY___LBMP 24000	19.42 0.63 0.00	19.90 0.64 0.00	17.88 0.59 0.00	17.46 0.59 0.00	17.03 0.55 0.00	14.84 0.47 0.00	12.75 0.41 0.00	19.32 0.60 0.00	15.87 0.54 0.00	19.19 0.65 0.00	14.45 0.57 0.00	16.86 0.65 0.00	19.86 0.78 0.00	16.93 0.70 0.00	17.55 0.78 -0.13	14.62 0.67 0.00	20.49 0.96 0.00	25.89 1.17 0.00	32.31 1.39 0.00	29.04 1.23 0.00	31.82 1.34 0.00	26.53 1.16 0.00	19.28 0.80 0.00	16.33 0.68 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.52 0.73 0.00	20.00 0.73 0.00	17.96 0.67 0.00	17.53 0.66 0.00	17.09 0.62 0.00	14.90 0.53 0.00	12.80 0.46 0.00	19.39 0.67 0.00	15.94 0.61 0.00	19.29 0.75 0.00	14.53 0.65 0.00	16.96 0.75 0.00	19.97 0.90 0.00	17.03 0.80 0.00	17.76 0.89 -0.22	14.71 0.76 0.00	20.62 1.10 0.00	26.07 1.36 0.00	32.54 1.62 0.00	29.23 1.42 0.00	32.02 1.54 0.00	26.70 1.33 0.00	19.40 0.92 0.00	16.42 0.77 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.52 0.73 0.00	20.00 0.73 0.00	17.96 0.67 0.00	17.53 0.66 0.00	17.09 0.62 0.00	14.90 0.53 0.00	12.80 0.46 0.00	19.39 0.67 0.00	15.94 0.61 0.00	19.29 0.75 0.00	14.53 0.65 0.00	16.96 0.75 0.00	19.97 0.90 0.00	17.03 0.80 0.00	17.76 0.89 -0.22	14.71 0.76 0.00	20.62 1.10 0.00	26.07 1.36 0.00	32.54 1.62 0.00	29.23 1.42 0.00	32.02 1.54 0.00	26.70 1.33 0.00	19.40 0.92 0.00	16.42 0.77 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.55 0.76 0.00	20.03 0.76 0.00	17.98 0.70 0.00	17.56 0.68 0.00	17.12 0.64 0.00	14.93 0.56 0.00	12.83 0.48 0.00	19.44 0.72 0.00	15.96 0.63 0.00	19.31 0.77 0.00	14.53 0.65 0.00	16.94 0.73 0.00	19.97 0.89 0.00	17.02 0.78 0.00	17.51 0.86 0.00	14.69 0.75 0.00	20.62 1.09 0.00	26.11 1.40 0.00	32.59 1.68 0.00	29.31 1.51 0.00	32.11 1.63 0.00	26.75 1.38 0.00	19.43 0.94 0.00	16.44 0.79 0.00
POLETTI___ 23519	19.52 0.73 0.00	20.00 0.74 0.00	17.94 0.66 0.00	17.56 0.68 0.00	17.11 0.64 0.00	14.92 0.55 0.00	12.80 0.45 0.00	19.39 0.67 0.00	15.94 0.61 0.00	19.31 0.77 0.00	14.58 0.70 0.00	17.01 0.80 0.00	20.04 0.97 0.00	17.10 0.87 0.00	17.91 0.97 -0.28	14.78 0.84 0.00	20.69 1.17 0.00	26.09 1.38 0.00	32.57 1.66 0.00	29.25 1.44 0.00	32.03 1.55 0.00	26.72 1.34 0.00	19.42 0.94 0.00	16.44 0.79 0.00
POMONA___ESR 323819	19.38 0.59 0.00	19.86 0.59 0.00	17.81 0.53 0.00	17.39 0.52 0.00	16.96 0.49 0.00	14.80 0.43 0.00	12.71 0.37 0.00	19.27 0.54 0.00	15.81 0.49 0.00	19.14 0.60 0.00	14.41 0.53 0.00	16.84 0.63 0.00	19.85 0.77 0.00	16.91 0.68 0.00	17.67 0.76 -0.26	14.60 0.65 0.00	20.50 0.97 0.00	25.96 1.25 0.00	32.40 1.49 0.00	29.08 1.27 0.00	31.84 1.36 0.00	26.55 1.18 0.00	19.28 0.80 0.00	16.31 0.66 0.00
PORT_JEFF_3 23555	25.57 1.24 -5.55	20.44 1.17 0.00	18.33 1.04 0.00	17.83 0.96 0.00	17.38 0.90 0.00	15.17 0.80 0.00	13.04 0.70 0.00	19.78 1.06 0.00	16.24 0.91 0.00	19.55 1.01 0.00	14.77 0.89 0.00	17.23 1.03 0.00	20.24 1.16 0.00	17.22 1.00 0.00	18.15 1.22 -0.29	15.03 1.08 0.00	21.05 1.52 0.00	26.63 1.91 0.00	33.26 2.35 0.00	29.94 2.13 0.00	32.82 2.33 0.00	27.33 1.95 0.00	19.80 1.32 0.00	16.72 1.07 0.00

PORT_JEFF_4 23616	25.57 1.24 -5.55	20.44 1.17 0.00	18.33 1.04 0.00	17.83 0.96 0.00	17.38 0.90 0.00	15.17 0.80 0.00	13.04 0.70 0.00	19.78 1.06 0.00	16.24 0.91 0.00	19.55 1.01 0.00	14.77 0.89 0.00	17.23 1.03 0.00	20.24 1.16 0.00	17.22 1.00 0.00	18.15 1.22 -0.29	15.03 1.08 0.00	21.05 1.52 0.00	26.63 1.91 0.00	33.26 2.35 0.00	29.94 2.13 0.00	32.82 2.33 0.00	27.33 1.95 0.00	19.80 1.32 0.00	16.72 1.07 0.00
PORT_JEFF_IC 23713	25.59 1.26 -5.55	20.45 1.19 0.00	18.34 1.05 0.00	17.85 0.97 0.00	17.39 0.91 0.00	15.18 0.81 0.00	13.04 0.70 0.00	19.79 1.07 0.00	16.25 0.92 0.00	19.56 1.02 0.00	14.78 0.91 0.00	17.24 1.03 0.00	20.25 1.18 0.00	17.24 1.01 0.00	18.17 1.23 -0.29	15.05 1.10 0.00	21.08 1.55 0.00	26.66 1.95 0.00	33.32 2.40 0.00	29.99 2.18 0.00	32.86 2.38 0.00	27.36 1.98 0.00	19.82 1.34 0.00	16.73 1.09 0.00
PPL_PILGRIM_ST_GT1 24216	25.63 1.29 -5.55	20.52 1.26 0.00	18.38 1.09 0.00	17.89 1.01 0.00	17.43 0.96 0.00	15.21 0.84 0.00	13.06 0.72 0.00	19.82 1.10 0.00	16.28 0.95 0.00	19.59 1.05 0.00	14.80 0.92 0.00	17.27 1.06 0.00	20.28 1.20 0.00	17.26 1.03 0.00	18.19 1.26 -0.29	15.05 1.10 0.00	21.07 1.54 0.00	26.69 1.97 0.00	33.32 2.41 0.00	30.00 2.19 0.00	32.87 2.39 0.00	27.38 2.01 0.00	19.84 1.36 0.00	16.76 1.11 0.00
PPL_PILGRIM_ST_GT2 24217	25.63 1.29 -5.55	20.52 1.26 0.00	18.38 1.09 0.00	17.89 1.01 0.00	17.43 0.96 0.00	15.21 0.84 0.00	13.06 0.72 0.00	19.82 1.10 0.00	16.28 0.95 0.00	19.59 1.05 0.00	14.80 0.92 0.00	17.27 1.06 0.00	20.28 1.20 0.00	17.26 1.03 0.00	18.19 1.26 -0.29	15.05 1.10 0.00	21.07 1.54 0.00	26.69 1.97 0.00	33.32 2.41 0.00	30.00 2.19 0.00	32.87 2.39 0.00	27.38 2.01 0.00	19.84 1.36 0.00	16.76 1.11 0.00
PPL_SHRM_GT3 24213	25.59 1.25 -5.55	20.39 1.12 0.00	18.33 1.04 0.00	17.83 0.96 0.00	17.38 0.90 0.00	15.18 0.81 0.00	13.06 0.71 0.00	19.81 1.09 0.00	16.24 0.91 0.00	19.55 1.01 0.00	14.77 0.89 0.00	17.22 1.02 0.00	20.22 1.15 0.00	17.21 0.98 0.00	18.13 1.20 -0.29	15.03 1.08 0.00	21.07 1.55 0.00	26.63 1.92 0.00	33.29 2.38 0.00	29.98 2.17 0.00	32.87 2.39 0.00	27.35 1.98 0.00	19.81 1.33 0.00	16.72 1.07 0.00
PPL_SHRM_GT4 24214	25.59 1.25 -5.55	20.39 1.12 0.00	18.33 1.04 0.00	17.83 0.96 0.00	17.38 0.90 0.00	15.18 0.81 0.00	13.06 0.71 0.00	19.81 1.09 0.00	16.24 0.91 0.00	19.55 1.01 0.00	14.77 0.89 0.00	17.22 1.02 0.00	20.22 1.15 0.00	17.21 0.98 0.00	18.13 1.20 -0.29	15.03 1.08 0.00	21.07 1.55 0.00	26.63 1.92 0.00	33.29 2.38 0.00	29.98 2.17 0.00	32.87 2.39 0.00	27.35 1.98 0.00	19.81 1.33 0.00	16.72 1.07 0.00
PROJECT___ORANGE 1 24174	18.56 -0.23 0.00	19.02 -0.25 0.00	17.05 -0.24 0.00	16.65 -0.23 0.00	16.26 -0.22 0.00	14.18 -0.19 0.00	12.19 -0.15 0.00	18.49 -0.23 0.00	15.10 -0.22 0.00	18.27 -0.27 0.00	13.69 -0.19 0.00	15.99 -0.21 0.00	18.82 -0.26 0.00	16.02 -0.21 0.00	16.38 -0.27 0.00	13.72 -0.23 0.00	19.20 -0.33 0.00	24.30 -0.42 0.00	30.36 -0.56 0.00	27.35 -0.46 0.00	29.98 -0.50 0.00	24.90 -0.47 0.00	18.15 -0.33 0.00	15.36 -0.29 0.00
PROJECT___ORANGE 2 24166	18.56 -0.23 0.00	19.02 -0.25 0.00	17.05 -0.24 0.00	16.65 -0.23 0.00	16.26 -0.22 0.00	14.18 -0.19 0.00	12.19 -0.15 0.00	18.49 -0.23 0.00	15.10 -0.22 0.00	18.27 -0.27 0.00	13.69 -0.19 0.00	15.99 -0.21 0.00	18.82 -0.26 0.00	16.02 -0.21 0.00	16.38 -0.27 0.00	13.72 -0.23 0.00	19.20 -0.33 0.00	24.30 -0.42 0.00	30.36 -0.56 0.00	27.35 -0.46 0.00	29.98 -0.50 0.00	24.90 -0.47 0.00	18.15 -0.33 0.00	15.36 -0.29 0.00
PUCKETT___SOLAR 323809	19.04 -0.01 -0.26	19.16 -0.11 0.00	17.47 -0.08 -0.26	17.00 -0.10 -0.23	16.40 -0.07 0.00	14.36 -0.01 0.00	12.34 -0.01 0.00	18.74 0.02 0.00	15.27 -0.06 0.00	18.35 -0.19 0.00	13.72 -0.17 0.00	15.99 -0.22 0.00	18.95 -0.27 -0.15	16.68 -0.29 -0.74	17.06 -0.31 -0.72	13.88 -0.19 -0.12	19.40 -0.26 -0.13	24.56 -0.15 0.00	30.89 -0.03 0.00	27.91 0.10 -0.01	30.62 0.14 0.00	25.34 -0.03 0.00	18.36 -0.13 0.00	15.60 -0.05 0.00
PYRITES___HYD 24023	18.72 -0.06 0.00	19.17 -0.10 0.00	17.10 -0.19 0.00	16.65 -0.22 0.00	22.78 -0.23 -6.53	14.75 -0.18 -0.56	13.63 -0.19 -1.48	25.40 -0.24 -6.92	16.55 -0.22 -1.44	21.76 -0.24 -3.47	1.18 -0.36 12.34	-12.42 -0.37 28.26	-5.48 -0.41 24.14	-12.58 -0.42 28.38	-12.38 -0.45 28.57	-13.51 -0.26 27.20	-10.56 -0.27 29.82	17.79 -0.23 6.69	30.96 0.05 0.00	27.97 0.16 0.00	34.96 0.20 -4.28	33.46 -0.01 -8.10	23.59 -0.14 -5.25	20.80 -0.12 -5.28
QUAKERRD_115KV_BK1 80622	16.99 -1.23 0.56	18.00 -1.26 0.00	15.57 -1.17 0.56	15.21 -1.16 0.49	15.34 -1.13 0.00	13.38 -0.99 0.00	11.51 -0.83 0.00	17.48 -1.25 0.00	14.21 -1.12 0.00	17.27 -1.27 0.00	12.99 -0.89 0.00	15.17 -1.04 0.00	17.50 -1.26 0.31	13.66 -1.04 1.53	14.00 -1.15 1.50	12.74 -0.94 0.27	17.78 -1.39 0.36	23.01 -1.71 0.00	28.77 -2.14 0.00	23.93 -1.88 2.01	28.35 -2.10 0.03	23.50 -1.88 0.00	16.60 -1.38 0.50	13.46 -1.27 0.92
QUENSBRY_115KV_TB8 356137	20.19 1.40 0.00	20.62 1.35 0.00	18.50 1.21 0.00	18.06 1.18 0.00	17.61 1.14 0.00	15.34 0.97 0.00	13.21 0.86 0.00	20.06 1.34 0.00	16.41 1.08 0.00	19.74 1.20 0.00	14.67 0.79 0.00	17.17 0.96 0.00	20.11 1.04 0.00	17.11 0.87 0.00	17.60 0.95 0.00	14.73 0.78 0.00	20.80 1.27 0.00	26.42 1.71 0.00	33.21 2.29 0.00	29.76 1.95 0.00	32.90 2.42 0.00	27.23 1.85 0.00	19.79 1.32 0.00	16.76 1.11 0.00
RAMAPO___LBMP 323565	19.30 0.52 0.00	19.78 0.51 0.00	17.75 0.46 0.00	17.33 0.45 0.00	16.90 0.43 0.00	14.75 0.38 0.00	12.67 0.32 0.00	19.19 0.47 0.00	15.76 0.43 0.00	19.07 0.52 0.00	14.36 0.48 0.00	16.76 0.56 0.00	19.77 0.69 0.00	16.83 0.60 0.00	16.84 0.68 0.49	14.53 0.59 0.00	20.40 0.87 0.00	25.84 1.13 0.00	32.26 1.35 0.00	28.95 1.14 0.00	31.71 1.23 0.00	26.45 1.07 0.00	19.21 0.72 0.00	16.25 0.60 0.00
RANKINE____ 23646	16.38 -1.44 0.97	17.82 -1.45 0.00	14.98 -1.36 0.96	14.69 -1.33 0.85	15.19 -1.28 0.00	13.25 -1.12 0.00	11.38 -0.96 0.00	17.26 -1.46 0.00	14.02 -1.31 0.00	17.13 -1.42 0.00	12.87 -1.01 0.00	15.01 -1.19 0.00	17.09 -1.45 0.54	12.42 -1.17 2.64	12.73 -1.34 2.58	12.40 -1.09 0.45	17.24 -1.68 0.61	22.69 -2.03 0.00	28.25 -2.67 0.00	22.08 -2.29 3.44	27.88 -2.54 0.06	23.05 -2.32 0.00	15.94 -1.71 0.83	12.56 -1.57 1.52
RAVENSWOOD_GT2_1 24244	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.71 0.00	15.97 0.64 0.00	19.35 0.81 0.00	14.59 0.71 0.00	17.03 0.82 0.00	20.06 0.99 0.00	17.12 0.89 0.00	17.92 0.99 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.15 1.44 0.00	32.64 1.73 0.00	29.31 1.50 0.00	32.10 1.62 0.00	26.77 1.40 0.00	19.46 0.98 0.00	16.47 0.82 0.00



RAVENSWOOD_GT2_2 24245	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.71 0.00	15.97 0.64 0.00	19.35 0.81 0.00	14.59 0.71 0.00	17.03 0.82 0.00	20.06 0.99 0.00	17.12 0.89 0.00	17.92 0.99 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.15 1.44 0.00	32.64 1.73 0.00	29.31 1.50 0.00	32.10 1.62 0.00	26.77 1.40 0.00	19.46 0.98 0.00	16.47 0.82 0.00
RAVENSWOOD_GT2_3 24246	19.56 0.77 0.00	20.05 0.78 0.00	17.98 0.70 0.00	17.58 0.70 0.00	17.14 0.66 0.00	14.94 0.57 0.00	12.83 0.49 0.00	19.44 0.72 0.00	15.97 0.64 0.00	19.35 0.82 0.00	14.60 0.72 0.00	17.04 0.83 0.00	20.08 1.00 0.00	17.13 0.90 0.00	17.93 1.00 -0.28	14.80 0.86 0.00	20.73 1.20 0.00	26.16 1.45 0.00	32.65 1.74 0.00	29.32 1.51 0.00	32.12 1.64 0.00	26.78 1.41 0.00	19.47 0.99 0.00	16.47 0.83 0.00
RAVENSWOOD_GT2_4 24247	19.56 0.77 0.00	20.05 0.78 0.00	17.98 0.70 0.00	17.58 0.70 0.00	17.14 0.66 0.00	14.94 0.57 0.00	12.83 0.49 0.00	19.44 0.72 0.00	15.97 0.64 0.00	19.35 0.82 0.00	14.60 0.72 0.00	17.04 0.83 0.00	20.08 1.00 0.00	17.13 0.90 0.00	17.93 1.00 -0.28	14.80 0.86 0.00	20.73 1.20 0.00	26.16 1.45 0.00	32.65 1.74 0.00	29.32 1.51 0.00	32.12 1.64 0.00	26.78 1.41 0.00	19.47 0.99 0.00	16.47 0.83 0.00
RAVENSWOOD_GT3_1 24248	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.71 0.00	15.97 0.64 0.00	19.35 0.81 0.00	14.59 0.71 0.00	17.03 0.82 0.00	20.06 0.99 0.00	17.12 0.89 0.00	17.92 0.99 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.15 1.44 0.00	32.64 1.73 0.00	29.31 1.50 0.00	32.11 1.63 0.00	26.77 1.40 0.00	19.46 0.98 0.00	16.47 0.82 0.00
RAVENSWOOD_GT3_2 24249	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.71 0.00	15.97 0.64 0.00	19.35 0.81 0.00	14.59 0.71 0.00	17.03 0.82 0.00	20.06 0.99 0.00	17.12 0.89 0.00	17.92 0.99 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.15 1.44 0.00	32.64 1.73 0.00	29.31 1.50 0.00	32.11 1.63 0.00	26.77 1.40 0.00	19.46 0.98 0.00	16.47 0.82 0.00
RAVENSWOOD_GT3_3 24250	19.58 0.79 0.00	20.07 0.80 0.00	18.00 0.72 0.00	17.59 0.72 0.00	17.15 0.68 0.00	14.95 0.58 0.00	12.84 0.50 0.00	19.46 0.74 0.00	15.99 0.66 0.00	19.37 0.83 0.00	14.62 0.74 0.00	17.05 0.85 0.00	20.09 1.02 0.00	17.15 0.92 0.00	17.95 1.01 -0.28	14.82 0.87 0.00	20.75 1.22 0.00	26.19 1.48 0.00	32.68 1.77 0.00	29.35 1.55 0.00	32.15 1.67 0.00	26.80 1.43 0.00	19.49 1.01 0.00	16.49 0.84 0.00
RAVENSWOOD_GT3_4 24251	19.58 0.79 0.00	20.07 0.80 0.00	18.00 0.72 0.00	17.59 0.72 0.00	17.15 0.68 0.00	14.95 0.58 0.00	12.84 0.50 0.00	19.46 0.74 0.00	15.99 0.66 0.00	19.37 0.83 0.00	14.62 0.74 0.00	17.05 0.85 0.00	20.09 1.02 0.00	17.15 0.92 0.00	17.95 1.01 -0.28	14.82 0.87 0.00	20.75 1.22 0.00	26.19 1.48 0.00	32.68 1.77 0.00	29.35 1.55 0.00	32.15 1.67 0.00	26.80 1.43 0.00	19.49 1.01 0.00	16.49 0.84 0.00
RAVENSWOOD_GT_1 23729	19.62 0.83 0.00	20.11 0.84 0.00	18.05 0.76 -0.01	17.63 0.76 0.00	17.18 0.70 0.00	14.98 0.61 0.00	12.87 0.52 0.00	19.49 0.77 0.00	16.03 0.69 -0.01	19.42 0.88 0.00	14.65 0.77 0.00	17.10 0.88 0.00	20.14 1.06 0.00	17.19 0.96 0.00	17.99 1.06 -0.28	14.85 0.91 0.00	20.79 1.26 0.00	29.14 1.51 -2.92	34.06 1.79 -1.35	31.25 1.56 -1.88	33.50 1.70 -1.32	29.50 1.46 -2.67	20.95 1.05 -1.43	16.53 0.88 -0.01
RAVENSWOOD_GT_10 24258	19.55 0.77 0.00	20.03 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.70 0.00	15.97 0.64 0.00	19.34 0.81 0.00	14.59 0.71 0.00	17.03 0.82 0.00	20.06 0.99 0.00	17.11 0.88 0.00	17.92 0.98 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.48 1.44 -0.34	32.79 1.73 -0.15	29.53 1.50 -0.22	32.25 1.62 -0.15	27.08 1.40 -0.31	19.62 0.98 -0.16	16.47 0.82 0.00
RAVENSWOOD_GT_11 24259	19.55 0.77 0.00	20.03 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.70 0.00	15.97 0.64 0.00	19.34 0.81 0.00	14.59 0.71 0.00	17.03 0.82 0.00	20.06 0.99 0.00	17.11 0.88 0.00	17.92 0.98 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.48 1.44 -0.34	32.79 1.73 -0.15	29.53 1.50 -0.22	32.25 1.62 -0.15	27.08 1.40 -0.31	19.62 0.98 -0.16	16.47 0.82 0.00
RAVENSWOOD_GT_4 24252	19.54 0.76 0.00	20.03 0.76 0.00	17.97 0.68 0.00	17.56 0.69 0.00	17.12 0.65 0.00	14.93 0.56 0.00	12.82 0.47 0.00	19.42 0.70 0.00	15.96 0.63 0.00	19.33 0.80 0.00	14.58 0.71 0.00	17.02 0.81 0.00	20.06 0.98 0.00	17.11 0.88 0.00	17.91 0.98 -0.28	14.79 0.84 0.00	20.71 1.18 0.00	28.36 1.43 -2.22	33.66 1.72 -1.03	30.74 1.50 -1.43	33.10 1.62 -1.01	28.79 1.39 -2.03	20.53 0.97 -1.08	16.46 0.81 0.00
RAVENSWOOD_GT_5 24254	19.54 0.76 0.00	20.03 0.76 0.00	17.97 0.68 0.00	17.56 0.69 0.00	17.12 0.65 0.00	14.93 0.56 0.00	12.82 0.47 0.00	19.42 0.70 0.00	15.96 0.63 0.00	19.33 0.80 0.00	14.58 0.71 0.00	17.02 0.81 0.00	20.06 0.98 0.00	17.11 0.88 0.00	17.91 0.98 -0.28	14.79 0.84 0.00	20.71 1.18 0.00	28.36 1.43 -2.22	33.66 1.72 -1.03	30.74 1.50 -1.43	33.10 1.62 -1.01	28.79 1.39 -2.03	20.53 0.97 -1.08	16.46 0.81 0.00
RAVENSWOOD_GT_6 24253	19.54 0.76 0.00	20.03 0.76 0.00	17.97 0.68 0.00	17.56 0.69 0.00	17.12 0.65 0.00	14.93 0.56 0.00	12.82 0.47 0.00	19.42 0.70 0.00	15.96 0.63 0.00	19.33 0.80 0.00	14.58 0.71 0.00	17.02 0.81 0.00	20.06 0.98 0.00	17.11 0.88 0.00	17.91 0.98 -0.28	14.79 0.84 0.00	20.71 1.18 0.00	28.36 1.43 -2.22	33.66 1.72 -1.03	30.74 1.50 -1.43	33.10 1.62 -1.01	28.79 1.39 -2.03	20.53 0.97 -1.08	16.46 0.81 0.00
RAVENSWOOD_GT_7 24255	19.54 0.76 0.00	20.03 0.76 0.00	17.97 0.68 0.00	17.56 0.69 0.00	17.12 0.65 0.00	14.93 0.56 0.00	12.82 0.47 0.00	19.42 0.70 0.00	15.96 0.63 0.00	19.33 0.80 0.00	14.58 0.71 0.00	17.02 0.81 0.00	20.06 0.98 0.00	17.11 0.88 0.00	17.91 0.98 -0.28	14.79 0.84 0.00	20.71 1.18 0.00	28.36 1.43 -2.22	33.66 1.72 -1.03	30.74 1.50 -1.43	33.10 1.62 -1.01	28.79 1.39 -2.03	20.53 0.97 -1.08	16.46 0.81 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.55 0.77 0.00	20.03 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.70 0.00	15.97 0.64 0.00	19.34 0.81 0.00	14.59 0.71 0.00	17.03 0.82 0.00	20.06 0.99 0.00	17.11 0.88 0.00	17.92 0.98 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.48 1.44 -0.34	32.79 1.73 -0.15	29.53 1.50 -0.22	32.25 1.62 -0.15	27.08 1.40 -0.31	19.62 0.98 -0.16	16.47 0.82 0.00

RAVENSWOOD_GT_9 24257	19.55 0.77 0.00	20.03 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.70 0.00	15.97 0.64 0.00	19.34 0.81 0.00	14.59 0.71 0.00	17.03 0.82 0.00	20.06 0.99 0.00	17.11 0.88 0.00	17.92 0.98 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.48 1.44 -0.34	32.79 1.73 -0.15	29.53 1.50 -0.22	32.25 1.62 -0.15	27.08 1.40 -0.31	19.62 0.98 -0.16	16.47 0.82 0.00
RAVENSWOOD___1 23533	19.60 0.81 0.00	20.09 0.82 0.00	18.03 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.86 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.85 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.11 1.04 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.83 0.89 0.00	20.76 1.24 0.00	23.32 1.48 2.87	31.34 1.76 1.33	27.50 1.54 1.85	30.84 1.66 1.30	24.18 1.43 2.62	18.11 1.02 1.39	16.51 0.86 -0.01
RAVENSWOOD___2 23534	19.60 0.81 0.00	20.09 0.82 0.00	18.03 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.86 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.85 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.11 1.04 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.83 0.89 0.00	20.76 1.24 0.00	23.32 1.48 2.87	31.34 1.76 1.33	27.50 1.54 1.85	30.84 1.66 1.30	24.18 1.43 2.62	18.11 1.02 1.39	16.51 0.86 -0.01
RAVENSWOOD___3 23535	19.56 0.77 0.00	20.04 0.77 0.00	17.98 0.69 0.00	17.57 0.70 0.00	17.13 0.65 0.00	14.93 0.56 0.00	12.82 0.48 0.00	19.43 0.71 0.00	15.97 0.64 0.00	19.35 0.81 0.00	14.59 0.71 0.00	17.04 0.83 0.00	20.07 0.99 0.00	17.12 0.89 0.00	17.92 0.99 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.15 1.44 0.00	32.64 1.73 0.00	29.31 1.50 0.00	32.10 1.62 0.00	26.78 1.40 0.00	19.46 0.98 0.00	16.47 0.82 0.00
RAVENSWOOD___4 23820	19.60 0.81 0.00	20.09 0.82 0.00	18.03 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.86 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.85 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.11 1.04 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.83 0.89 0.00	20.76 1.24 0.00	23.32 1.48 2.87	31.34 1.76 1.33	27.50 1.54 1.85	30.84 1.66 1.30	24.18 1.43 2.62	18.11 1.02 1.39	16.51 0.86 -0.01
RCPL_TRUST___DRP 24196	19.53 0.75 0.00	20.01 0.75 0.00	17.95 0.67 0.00	17.54 0.66 0.00	17.09 0.62 0.00	14.91 0.54 0.00	12.81 0.47 0.00	19.42 0.70 0.00	15.95 0.63 0.00	19.33 0.79 0.00	14.58 0.70 0.00	17.02 0.81 0.00	20.05 0.97 0.00	17.10 0.87 0.00	17.91 0.98 -0.28	14.79 0.84 0.00	20.71 1.19 0.00	26.13 1.42 0.00	32.62 1.71 0.00	29.30 1.50 0.00	32.09 1.61 0.00	26.76 1.38 0.00	19.45 0.97 0.00	16.46 0.81 0.00
RED___ROCHESTER 323720	17.26 -0.95 0.58	18.29 -0.98 0.00	15.79 -0.93 0.57	15.44 -0.93 0.51	15.57 -0.91 0.00	13.57 -0.80 0.00	11.67 -0.67 0.00	17.73 -0.99 0.00	14.40 -0.93 0.00	17.52 -1.02 0.00	13.19 -0.69 0.00	15.41 -0.80 0.00	17.78 -0.98 0.32	13.87 -0.78 1.58	14.20 -0.90 1.55	12.95 -0.72 0.27	18.06 -1.10 0.36	23.40 -1.31 0.00	29.25 -1.67 0.00	24.32 -1.42 2.07	28.85 -1.60 0.03	23.88 -1.49 0.00	16.88 -1.10 0.50	13.68 -1.04 0.92
REGAN___SOLAR 323812	19.80 1.01 0.00	20.28 1.01 0.00	18.18 0.89 0.00	17.72 0.85 0.00	17.30 0.83 0.00	15.10 0.73 0.00	12.97 0.63 0.00	19.60 0.88 0.00	15.79 0.46 0.00	18.79 0.25 0.00	14.06 0.18 0.00	16.61 0.40 0.00	19.55 0.48 0.00	16.44 0.21 0.00	16.92 0.28 0.00	14.06 0.11 0.00	20.43 0.90 0.00	26.09 1.37 0.00	32.83 1.92 0.00	29.59 1.79 0.00	32.44 1.96 0.00	26.91 1.54 0.00	19.51 1.03 0.00	16.47 0.83 0.00
RENSSELAER___COGEN 23796	19.07 0.28 0.00	19.64 0.37 0.00	17.75 0.46 0.00	17.34 0.46 0.00	16.91 0.43 0.00	14.72 0.35 0.00	12.64 0.30 0.00	19.16 0.44 0.00	15.70 0.37 0.00	18.92 0.37 0.00	14.15 0.27 0.00	16.50 0.29 0.00	19.43 0.36 0.00	16.53 0.31 0.00	17.03 0.38 0.00	14.28 0.34 0.00	20.00 0.47 0.00	25.20 0.49 0.00	31.46 0.55 0.00	28.34 0.53 0.00	31.05 0.57 0.00	25.91 0.54 0.00	18.90 0.42 0.00	16.03 0.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.14 2.35 0.00	21.50 2.23 0.00	19.20 1.91 0.00	18.76 1.88 0.00	18.29 1.81 0.00	15.91 1.54 0.00	13.75 1.40 0.00	20.93 2.21 0.00	17.08 1.76 0.00	20.52 1.98 0.00	15.22 1.34 0.00	17.83 1.62 0.00	20.91 1.83 0.00	17.76 1.53 0.00	18.30 1.65 0.00	15.34 1.39 0.00	21.81 2.28 0.00	27.81 3.10 0.00	34.78 3.87 0.00	31.26 3.45 0.00	34.40 3.92 0.00	28.44 3.06 0.00	20.51 2.03 0.00	17.36 1.71 0.00
REVERE_CPFR_DRP 24186	19.14 0.36 0.00	19.57 0.31 0.00	17.50 0.21 0.00	17.06 0.19 0.00	16.66 0.19 0.00	14.52 0.15 0.00	12.47 0.13 0.00	19.03 0.30 0.00	15.56 0.23 0.00	18.78 0.24 0.00	13.48 0.03 0.43	15.36 0.06 0.91	18.34 0.03 0.77	15.35 0.03 0.91	15.86 0.12 0.91	13.27 0.20 0.87	18.89 0.33 0.96	24.92 0.46 0.26	31.52 0.61 0.00	28.46 0.65 0.00	31.29 0.81 0.00	25.87 0.50 0.00	18.75 0.27 0.00	15.87 0.22 0.00
REYNOLDS_115KV_TB3 80639	19.25 0.46 0.00	19.79 0.53 0.00	17.85 0.56 0.00	17.43 0.56 0.00	17.01 0.53 0.00	14.80 0.43 0.00	12.71 0.36 0.00	19.26 0.54 0.00	15.80 0.47 0.00	19.05 0.50 0.00	14.27 0.38 0.00	16.65 0.43 0.00	19.60 0.53 0.00	16.68 0.45 0.00	17.17 0.53 0.00	14.41 0.46 0.00	20.17 0.64 0.00	25.42 0.71 0.00	31.71 0.80 0.00	28.57 0.76 0.00	31.31 0.83 0.00	26.13 0.75 0.00	19.04 0.56 0.00	16.14 0.49 0.00
RIVERBAY____ 323610	19.65 0.86 0.00	20.14 0.87 0.00	18.09 0.79 -0.01	17.69 0.81 0.00	17.22 0.74 0.00	15.02 0.64 0.00	12.87 0.53 0.00	19.48 0.76 0.00	16.00 0.67 -0.01	19.36 0.82 0.00	14.60 0.72 0.00	17.03 0.82 0.00	20.05 0.98 0.00	17.11 0.88 0.00	17.91 0.98 -0.28	14.77 0.82 0.00	20.69 1.16 0.00	26.16 1.45 0.00	32.63 1.72 0.00	29.32 1.51 0.00	32.18 1.70 0.00	26.82 1.44 0.00	19.49 1.01 -0.01	16.50 0.85 -0.01
RIVERSDE_115KV_TB3 55908	19.17 0.38 0.00	19.73 0.46 0.00	17.81 0.52 0.00	17.40 0.53 0.00	16.97 0.49 0.00	14.77 0.40 0.00	12.68 0.34 0.00	19.23 0.50 0.00	15.76 0.43 0.00	19.00 0.45 0.00	14.22 0.33 0.00	16.59 0.37 0.00	19.53 0.45 0.00	16.62 0.39 0.00	17.12 0.47 0.00	14.36 0.41 0.00	20.11 0.58 0.00	25.33 0.62 0.00	31.62 0.70 0.00	28.48 0.67 0.00	31.21 0.72 0.00	26.03 0.66 0.00	18.98 0.50 0.00	16.10 0.45 0.00
ROARING___BROOK_WT_PWR 323790	18.46 -0.33 0.00	18.91 -0.36 0.00	16.90 -0.39 0.00	16.57 -0.30 0.00	16.16 -0.31 0.00	14.05 -0.33 0.00	11.99 -0.35 0.00	18.37 -0.35 0.00	15.18 -0.15 0.00	18.37 -0.17 0.00	-12.37 -0.41 25.84	-39.00 -0.51 54.70	-28.12 -0.58 46.61	-39.00 -0.37 54.86	-39.00 -0.31 55.34	-38.91 -0.32 52.53	-39.00 -0.49 58.03	8.46 -0.77 15.48	30.21 -0.70 0.00	27.15 -0.66 0.00	29.89 -0.59 0.00	24.82 -0.55 0.00	18.11 -0.37 0.00	15.42 -0.23 0.00

ROCHESRG_115KV_T4 355643	17.11 -1.10 0.57	18.14 -1.13 0.00	15.67 -1.06 0.56	15.32 -1.06 0.50	15.45 -1.03 0.00	13.47 -0.90 0.00	11.58 -0.76 0.00	17.59 -1.13 0.00	14.29 -1.04 0.00	17.39 -1.15 0.00	13.08 -0.80 0.00	15.28 -0.93 0.00	17.63 -1.13 0.31	13.76 -0.92 1.56	14.09 -1.04 1.52	12.83 -0.85 0.27	17.89 -1.28 0.36	23.15 -1.57 0.00	28.93 -1.99 0.00	24.05 -1.72 2.04	28.52 -1.93 0.03	23.62 -1.75 0.00	16.71 -1.28 0.49	13.55 -1.18 0.91
ROCHESTER_9_IC 23652	17.18 -1.02 0.58	18.22 -1.05 0.00	15.73 -0.98 0.57	15.38 -0.99 0.51	15.52 -0.96 0.00	13.53 -0.84 0.00	11.63 -0.71 0.00	17.66 -1.06 0.00	14.35 -0.98 0.00	17.46 -1.09 0.00	13.14 -0.74 0.00	15.35 -0.86 0.00	17.71 -1.05 0.32	13.80 -0.85 1.58	14.13 -0.97 1.55	12.89 -0.78 0.27	17.98 -1.18 0.36	23.28 -1.44 0.00	29.09 -1.82 0.00	24.17 -1.57 2.07	28.69 -1.76 0.03	23.75 -1.62 0.00	16.80 -1.19 0.50	13.62 -1.11 0.92
ROCKVIEW_13_KV_LD 356306	19.60 0.81 0.00	20.08 0.81 0.00	18.02 0.73 0.00	17.60 0.72 0.00	17.16 0.68 0.00	14.96 0.59 0.00	12.85 0.51 0.00	19.47 0.75 0.00	16.00 0.67 0.00	19.37 0.83 0.00	14.61 0.73 0.00	17.05 0.84 0.00	20.08 1.01 0.00	17.12 0.89 0.00	17.93 0.99 -0.28	14.80 0.86 0.00	20.74 1.21 0.00	26.23 1.51 0.00	32.70 1.79 0.00	29.38 1.57 0.00	32.22 1.73 0.00	26.85 1.47 0.00	19.49 1.01 0.00	16.50 0.85 0.00
ROME____115KV_TB2 80656	19.14 0.36 0.00	19.57 0.31 0.00	17.50 0.21 0.00	17.06 0.19 0.00	16.66 0.19 0.00	14.52 0.15 0.00	12.47 0.13 0.00	19.03 0.30 0.00	15.56 0.23 0.00	18.78 0.24 0.00	13.48 0.03 0.43	15.36 0.06 0.91	18.34 0.03 0.77	15.35 0.03 0.91	15.86 0.12 0.91	13.27 0.20 0.87	18.89 0.33 0.96	24.92 0.46 0.26	31.52 0.61 0.00	28.46 0.65 0.00	31.29 0.81 0.00	25.87 0.50 0.00	18.75 0.27 0.00	15.87 0.22 0.00
ROSETON___1 23587	19.37 0.58 0.00	19.85 0.58 0.00	17.83 0.54 0.00	17.41 0.54 0.00	16.98 0.50 0.00	14.80 0.43 0.00	12.72 0.38 0.00	19.27 0.55 0.00	15.82 0.49 0.00	19.14 0.60 0.00	14.41 0.53 0.00	16.81 0.61 0.00	19.81 0.73 0.00	16.88 0.65 0.00	17.38 0.73 0.00	14.57 0.62 0.00	20.43 0.90 0.00	25.83 1.11 0.00	32.24 1.32 0.00	28.98 1.17 0.00	31.75 1.27 0.00	26.47 1.09 0.00	19.23 0.76 0.00	16.29 0.64 0.00
ROSETON___2 23588	19.37 0.58 0.00	19.85 0.58 0.00	17.83 0.54 0.00	17.41 0.54 0.00	16.98 0.50 0.00	14.80 0.43 0.00	12.72 0.38 0.00	19.27 0.55 0.00	15.82 0.49 0.00	19.14 0.60 0.00	14.41 0.53 0.00	16.81 0.61 0.00	19.81 0.73 0.00	16.88 0.65 0.00	17.38 0.73 0.00	14.57 0.62 0.00	20.43 0.90 0.00	25.83 1.11 0.00	32.24 1.32 0.00	28.98 1.17 0.00	31.75 1.27 0.00	26.47 1.09 0.00	19.23 0.76 0.00	16.29 0.64 0.00
ROTRDAM_115KV_TB3 80664	19.35 0.57 0.00	19.83 0.57 0.00	17.82 0.54 0.00	17.40 0.53 0.00	16.98 0.50 0.00	14.80 0.43 0.00	12.71 0.37 0.00	19.27 0.55 0.00	15.76 0.43 0.00	19.00 0.46 0.00	14.24 0.36 0.00	16.64 0.43 0.00	19.57 0.49 0.00	16.66 0.43 0.00	17.13 0.49 0.00	14.36 0.41 0.00	20.16 0.63 0.00	25.52 0.81 0.00	31.92 1.01 0.00	28.72 0.91 0.00	31.52 1.03 0.00	26.23 0.86 0.00	19.09 0.61 0.00	16.16 0.51 0.00
RUSSELL___1 23602	17.26 -0.95 0.58	18.29 -0.97 0.00	15.79 -0.92 0.57	15.43 -0.93 0.51	15.57 -0.91 0.00	13.57 -0.80 0.00	11.67 -0.67 0.00	17.73 -0.99 0.00	14.40 -0.93 0.00	17.52 -1.02 0.00	13.19 -0.69 0.00	15.41 -0.79 0.00	17.78 -0.98 0.32	13.86 -0.78 1.58	14.20 -0.90 1.55	12.95 -0.72 0.27	18.06 -1.10 0.36	23.40 -1.32 0.00	29.25 -1.67 0.00	24.32 -1.42 2.07	28.84 -1.61 0.03	23.88 -1.50 0.00	16.88 -1.10 0.50	13.68 -1.05 0.92
RUSSELL___2 23532	17.26 -0.95 0.58	18.29 -0.97 0.00	15.79 -0.92 0.57	15.43 -0.93 0.51	15.57 -0.91 0.00	13.57 -0.80 0.00	11.67 -0.67 0.00	17.73 -0.99 0.00	14.40 -0.93 0.00	17.52 -1.02 0.00	13.19 -0.69 0.00	15.41 -0.79 0.00	17.78 -0.98 0.32	13.86 -0.78 1.58	14.20 -0.90 1.55	12.95 -0.72 0.27	18.06 -1.10 0.36	23.40 -1.32 0.00	29.25 -1.67 0.00	24.32 -1.42 2.07	28.84 -1.61 0.03	23.88 -1.50 0.00	16.88 -1.10 0.50	13.68 -1.05 0.92
RUSSELL___3 23549	17.26 -0.95 0.58	18.29 -0.97 0.00	15.79 -0.92 0.57	15.43 -0.93 0.51	15.57 -0.91 0.00	13.57 -0.80 0.00	11.67 -0.67 0.00	17.73 -0.99 0.00	14.40 -0.93 0.00	17.52 -1.02 0.00	13.19 -0.69 0.00	15.41 -0.79 0.00	17.78 -0.98 0.32	13.86 -0.78 1.58	14.20 -0.90 1.55	12.95 -0.72 0.27	18.06 -1.10 0.36	23.40 -1.32 0.00	29.25 -1.67 0.00	24.32 -1.42 2.07	28.84 -1.61 0.03	23.88 -1.50 0.00	16.88 -1.10 0.50	13.68 -1.05 0.92
RUSSELL___4 23556	17.26 -0.95 0.58	18.29 -0.97 0.00	15.79 -0.92 0.57	15.43 -0.93 0.51	15.57 -0.91 0.00	13.57 -0.80 0.00	11.67 -0.67 0.00	17.73 -0.99 0.00	14.40 -0.93 0.00	17.52 -1.02 0.00	13.19 -0.69 0.00	15.41 -0.79 0.00	17.78 -0.98 0.32	13.86 -0.78 1.58	14.20 -0.90 1.55	12.95 -0.72 0.27	18.06 -1.10 0.36	23.40 -1.32 0.00	29.25 -1.67 0.00	24.32 -1.42 2.07	28.84 -1.61 0.03	23.88 -1.50 0.00	16.88 -1.10 0.50	13.68 -1.05 0.92
RUSSELL___STATION 23914	17.26 -0.95 0.58	18.29 -0.97 0.00	15.79 -0.92 0.57	15.43 -0.93 0.51	15.57 -0.91 0.00	13.57 -0.80 0.00	11.67 -0.67 0.00	17.73 -0.99 0.00	14.40 -0.93 0.00	17.52 -1.02 0.00	13.19 -0.69 0.00	15.41 -0.79 0.00	17.78 -0.98 0.32	13.86 -0.78 1.58	14.20 -0.90 1.55	12.95 -0.72 0.27	18.06 -1.10 0.36	23.40 -1.32 0.00	29.25 -1.67 0.00	24.32 -1.42 2.07	28.84 -1.61 0.03	23.88 -1.50 0.00	16.88 -1.10 0.50	13.68 -1.05 0.92
S SALMON___HYD 24043	18.57 -0.22 0.00	18.99 -0.28 0.00	16.94 -0.35 0.00	16.45 -0.42 0.00	16.86 -0.40 -0.79	14.05 -0.39 -0.07	12.19 -0.33 -0.18	19.24 -0.32 -0.84	15.24 -0.27 -0.17	18.58 -0.38 -0.42	12.41 -0.43 1.04	13.28 -0.48 2.45	16.37 -0.61 2.10	13.25 -0.52 2.46	13.65 -0.52 2.48	11.20 -0.39 2.36	16.44 -0.51 2.58	23.41 -0.77 0.54	30.00 -0.92 0.00	27.23 -0.57 0.00	30.58 -0.42 -0.52	25.79 -0.56 -0.98	18.63 -0.49 -0.64	15.90 -0.38 -0.64
S.PERRY__115KV_TB1 80734	16.69 -0.79 1.31	18.48 -0.79 0.00	15.22 -0.77 1.29	15.02 -0.71 1.14	15.84 -0.63 0.00	13.84 -0.54 0.00	11.90 -0.45 0.00	18.01 -0.72 0.00	14.53 -0.80 0.00	17.48 -1.06 0.00	13.07 -0.81 0.00	15.25 -0.95 0.00	17.21 -1.15 0.72	11.71 -0.96 3.56	12.09 -1.09 3.48	12.46 -0.88 0.61	17.44 -1.27 0.81	23.23 -1.48 0.00	29.18 -1.73 0.00	22.29 -1.07 4.44	29.36 -1.05 0.07	24.29 -1.08 0.00	16.58 -0.84 1.06	12.84 -0.85 1.95
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.21 -1.67 0.91	17.57 -1.70 0.00	14.82 -1.58 0.89	14.52 -1.57 0.79	14.95 -1.52 0.00	13.04 -1.33 0.00	11.20 -1.14 0.00	17.01 -1.72 0.00	13.80 -1.53 0.00	16.88 -1.66 0.00	12.71 -1.17 0.00	14.83 -1.38 0.00	16.91 -1.67 0.50	12.43 -1.34 2.46	12.72 -1.53 2.41	12.28 -1.25 0.42	17.05 -1.92 0.56	22.34 -2.37 0.00	27.83 -3.08 0.00	22.00 -2.67 3.14	27.43 -3.00 0.05	22.67 -2.70 0.00	15.74 -1.97 0.78	12.46 -1.80 1.39

SAWYER___23_KV_LOAD 55526	16.21 -1.67 0.91	17.57 -1.70 0.00	14.82 -1.58 0.89	14.52 -1.57 0.79	14.95 -1.52 0.00	13.04 -1.33 0.00	11.20 -1.14 0.00	17.01 -1.72 0.00	13.80 -1.53 0.00	16.88 -1.66 0.00	12.71 -1.17 0.00	14.83 -1.38 0.00	16.91 -1.67 0.50	12.43 -1.34 2.46	12.72 -1.53 2.41	12.28 -1.25 0.42	17.05 -1.92 0.56	22.34 -2.37 0.00	27.83 -3.08 0.00	22.00 -2.67 3.14	27.43 -3.00 0.05	22.67 -2.70 0.00	15.74 -1.97 0.78	12.46 -1.80 1.39
SELKIRK___I 23801	19.24 0.45 0.00	19.78 0.52 0.00	17.84 0.55 0.00	17.42 0.55 0.00	17.00 0.52 0.00	14.80 0.43 0.00	12.71 0.37 0.00	19.27 0.54 0.00	15.72 0.39 0.00	18.89 0.35 0.00	14.16 0.29 0.00	16.54 0.33 0.00	19.44 0.36 0.00	16.54 0.31 0.00	17.03 0.38 0.00	14.31 0.37 0.00	20.03 0.50 0.00	25.34 0.63 0.00	31.66 0.75 0.00	28.54 0.73 0.00	31.29 0.81 0.00	26.07 0.70 0.00	19.01 0.53 0.00	16.12 0.47 0.00
SELKIRK___II 23799	19.13 0.34 0.00	19.66 0.40 0.00	17.74 0.45 0.00	17.32 0.45 0.00	16.90 0.42 0.00	14.72 0.34 0.00	12.64 0.29 0.00	19.16 0.44 0.00	15.69 0.36 0.00	18.91 0.37 0.00	14.16 0.28 0.00	16.53 0.32 0.00	19.46 0.38 0.00	16.56 0.33 0.00	17.04 0.39 0.00	14.30 0.35 0.00	20.02 0.49 0.00	25.27 0.56 0.00	31.55 0.64 0.00	28.41 0.60 0.00	31.14 0.66 0.00	25.96 0.59 0.00	18.92 0.44 0.00	16.04 0.39 0.00
SENECA OSWGO___HYD 24041	18.44 -0.35 0.00	18.90 -0.37 0.00	16.94 -0.34 0.00	16.54 -0.34 0.00	16.17 -0.30 0.00	14.10 -0.27 0.00	12.12 -0.22 0.00	18.40 -0.32 0.00	15.04 -0.30 0.00	18.17 -0.38 0.00	13.61 -0.28 0.00	15.89 -0.32 0.00	18.69 -0.39 0.00	15.93 -0.30 0.00	16.30 -0.35 0.00	13.63 -0.32 0.00	19.08 -0.44 0.00	24.14 -0.58 0.00	30.16 -0.76 0.00	27.15 -0.66 0.00	29.77 -0.71 0.00	24.75 -0.62 0.00	18.04 -0.44 0.00	15.27 -0.38 0.00
SENECA___115KV_TB3 355854	16.41 -1.41 0.97	17.85 -1.42 0.00	15.00 -1.33 0.96	14.71 -1.31 0.85	15.22 -1.26 0.00	13.27 -1.10 0.00	11.40 -0.94 0.00	17.29 -1.44 0.00	14.04 -1.29 0.00	17.15 -1.39 0.00	12.88 -0.99 0.00	15.04 -1.17 0.00	17.11 -1.43 0.54	12.44 -1.15 2.64	12.75 -1.32 2.58	12.42 -1.07 0.45	17.27 -1.65 0.61	22.71 -2.00 0.00	28.29 -2.62 0.00	22.11 -2.26 3.44	27.92 -2.50 0.06	23.08 -2.29 0.00	15.97 -1.68 0.83	12.57 -1.55 1.52
SENECA___ENERGY 23797	17.66 -0.54 0.59	18.71 -0.56 0.00	16.17 -0.53 0.58	15.84 -0.52 0.52	16.01 -0.46 0.00	13.97 -0.40 0.00	12.02 -0.32 0.00	18.22 -0.50 0.00	14.84 -0.49 0.00	17.96 -0.58 0.00	13.45 -0.44 0.00	15.68 -0.53 0.00	18.13 -0.62 0.33	14.10 -0.53 1.60	14.46 -0.63 1.57	13.15 -0.51 0.29	18.42 -0.73 0.38	23.90 -0.81 0.00	29.93 -0.98 0.00	24.94 -0.79 2.07	29.57 -0.87 0.03	24.57 -0.80 0.00	17.40 -0.60 0.47	14.24 -0.53 0.88
SHOEMAKER___GT 23640	19.25 0.46 0.00	19.73 0.46 0.00	17.71 0.43 0.00	17.29 0.42 0.00	16.87 0.40 0.00	14.72 0.35 0.00	12.65 0.31 0.00	19.16 0.44 0.00	15.71 0.38 0.00	18.97 0.43 0.00	14.26 0.38 0.00	16.65 0.44 0.00	19.61 0.53 0.00	16.69 0.47 0.00	16.91 0.53 0.27	14.41 0.46 0.00	20.21 0.69 0.00	25.61 0.90 0.00	32.03 1.12 0.00	28.80 1.00 0.00	31.56 1.08 0.00	26.30 0.93 0.00	19.11 0.63 0.00	16.17 0.52 0.00
SHOEMAKR_138KV_BK 111 55601	19.24 0.46 0.00	19.72 0.45 0.00	17.71 0.42 0.00	17.28 0.41 0.00	16.87 0.39 0.00	14.71 0.34 0.00	12.65 0.30 0.00	19.15 0.43 0.00	15.70 0.37 0.00	18.97 0.43 0.00	14.27 0.39 0.00	16.66 0.45 0.00	19.62 0.55 0.00	16.71 0.48 0.00	16.93 0.54 0.26	14.42 0.47 0.00	20.23 0.70 0.00	25.62 0.91 0.00	32.03 1.11 0.00	28.80 0.99 0.00	31.55 1.07 0.00	26.30 0.92 0.00	19.10 0.62 0.00	16.17 0.52 0.00
SHOREHAM_IC_1 23715	25.59 1.25 -5.55	20.39 1.12 0.00	18.33 1.04 0.00	17.83 0.96 0.00	17.38 0.90 0.00	15.18 0.81 0.00	13.06 0.71 0.00	19.81 1.09 0.00	16.24 0.91 0.00	19.55 1.01 0.00	14.77 0.89 0.00	17.22 1.02 0.00	20.22 1.15 0.00	17.21 0.98 0.00	18.13 1.20 -0.29	15.03 1.08 0.00	21.07 1.55 0.00	26.63 1.92 0.00	33.29 2.38 0.00	29.98 2.17 0.00	32.87 2.39 0.00	27.35 1.98 0.00	19.81 1.33 0.00	16.72 1.07 0.00
SHOREHAM_IC_2 23716	25.59 1.25 -5.55	20.39 1.12 0.00	18.33 1.04 0.00	17.83 0.96 0.00	17.38 0.90 0.00	15.18 0.81 0.00	13.06 0.71 0.00	19.81 1.09 0.00	16.24 0.91 0.00	19.55 1.01 0.00	14.77 0.89 0.00	17.22 1.02 0.00	20.22 1.15 0.00	17.21 0.98 0.00	18.13 1.20 -0.29	15.03 1.08 0.00	21.07 1.55 0.00	26.63 1.92 0.00	33.29 2.38 0.00	29.98 2.17 0.00	32.87 2.39 0.00	27.35 1.98 0.00	19.81 1.33 0.00	16.72 1.07 0.00
SISSONVILLE____ 23735	18.26 -0.52 0.00	18.68 -0.59 0.00	16.64 -0.65 0.00	16.20 -0.67 0.00	23.22 -0.67 -7.41	14.40 -0.60 -0.63	13.46 -0.56 -1.68	25.80 -0.77 -7.85	16.38 -0.58 -1.64	21.79 -0.69 -3.93	1.52 -0.69 11.67	-11.72 -0.79 27.14	-5.02 -0.90 23.20	-11.82 -0.79 27.26	-11.60 -0.81 27.44	-12.78 -0.60 26.12	-9.84 -0.77 28.60	17.55 -0.97 6.20	30.00 -0.91 0.00	27.14 -0.67 0.00	34.63 -0.70 -4.85	33.77 -0.79 -9.18	23.73 -0.71 -5.96	21.07 -0.57 -5.99
SITHE_IND_GS1 24169	18.32 -0.47 0.00	18.79 -0.48 0.00	16.84 -0.45 0.00	16.44 -0.44 0.00	16.06 -0.42 0.00	14.00 -0.37 0.00	12.03 -0.31 0.00	18.26 -0.46 0.00	14.92 -0.40 0.00	18.06 -0.48 0.00	13.52 -0.36 0.00	15.79 -0.42 0.00	18.58 -0.49 0.00	15.82 -0.41 0.00	16.17 -0.48 0.00	13.51 -0.43 0.00	18.89 -0.63 0.00	23.85 -0.86 0.00	29.81 -1.10 0.00	26.85 -0.96 0.00	29.43 -1.05 0.00	24.47 -0.90 0.00	17.87 -0.61 0.00	15.14 -0.50 0.00
SITHE_IND_GS2 24170	18.32 -0.47 0.00	18.79 -0.48 0.00	16.84 -0.45 0.00	16.44 -0.44 0.00	16.06 -0.42 0.00	14.00 -0.37 0.00	12.03 -0.31 0.00	18.26 -0.46 0.00	14.92 -0.40 0.00	18.06 -0.48 0.00	13.52 -0.36 0.00	15.79 -0.42 0.00	18.58 -0.49 0.00	15.82 -0.41 0.00	16.17 -0.48 0.00	13.51 -0.43 0.00	18.89 -0.63 0.00	23.85 -0.86 0.00	29.81 -1.10 0.00	26.85 -0.96 0.00	29.43 -1.05 0.00	24.47 -0.90 0.00	17.87 -0.61 0.00	15.14 -0.50 0.00
SITHE_IND_GS3 24171	18.32 -0.47 0.00	18.79 -0.48 0.00	16.84 -0.45 0.00	16.44 -0.44 0.00	16.06 -0.42 0.00	14.00 -0.37 0.00	12.03 -0.31 0.00	18.26 -0.46 0.00	14.92 -0.40 0.00	18.06 -0.48 0.00	13.52 -0.36 0.00	15.79 -0.42 0.00	18.58 -0.49 0.00	15.82 -0.41 0.00	16.17 -0.48 0.00	13.51 -0.43 0.00	18.89 -0.63 0.00	23.85 -0.86 0.00	29.81 -1.10 0.00	26.85 -0.96 0.00	29.43 -1.05 0.00	24.47 -0.90 0.00	17.87 -0.61 0.00	15.14 -0.50 0.00
SITHE_IND_GS4 24172	18.32 -0.47 0.00	18.79 -0.48 0.00	16.84 -0.45 0.00	16.44 -0.44 0.00	16.06 -0.42 0.00	14.00 -0.37 0.00	12.03 -0.31 0.00	18.26 -0.46 0.00	14.92 -0.40 0.00	18.06 -0.48 0.00	13.52 -0.36 0.00	15.79 -0.42 0.00	18.58 -0.49 0.00	15.82 -0.41 0.00	16.17 -0.48 0.00	13.51 -0.43 0.00	18.89 -0.63 0.00	23.85 -0.86 0.00	29.81 -1.10 0.00	26.85 -0.96 0.00	29.43 -1.05 0.00	24.47 -0.90 0.00	17.87 -0.61 0.00	15.14 -0.50 0.00

SITHE___BATAVIA 24024	16.90 -1.14 0.74	18.07 -1.19 0.00	15.43 -1.13 0.73	15.10 -1.13 0.65	15.37 -1.11 0.00	13.41 -0.96 0.00	11.53 -0.81 0.00	17.52 -1.20 0.00	14.17 -1.16 0.00	17.20 -1.34 0.00	12.93 -0.95 0.00	15.11 -1.10 0.00	17.31 -1.36 0.41	13.12 -1.10 2.01	13.47 -1.21 1.97	12.64 -0.96 0.34	17.63 -1.43 0.46	22.98 -1.73 0.00	28.69 -2.22 0.00	23.43 -1.76 2.62	28.43 -2.01 0.04	23.49 -1.88 0.00	16.46 -1.40 0.63	13.16 -1.33 1.16
SITHE___INDEPEND 23800	18.32 -0.47 0.00	18.79 -0.48 0.00	16.84 -0.45 0.00	16.44 -0.44 0.00	16.06 -0.42 0.00	14.00 -0.37 0.00	12.03 -0.31 0.00	18.26 -0.47 0.00	14.92 -0.40 0.00	18.06 -0.48 0.00	13.52 -0.36 0.00	15.79 -0.42 0.00	18.58 -0.50 0.00	15.82 -0.41 0.00	16.17 -0.47 0.00	13.52 -0.43 0.00	18.89 -0.63 0.00	23.85 -0.86 0.00	29.81 -1.10 0.00	26.85 -0.95 0.00	29.43 -1.05 0.00	24.47 -0.90 0.00	17.87 -0.61 0.00	15.14 -0.50 0.00
SITHE___MASSENA 23902	18.80 0.01 0.00	19.28 0.02 0.00	17.26 -0.03 0.00	16.83 -0.04 0.00	17.22 -0.03 -0.78	14.44 0.00 -0.07	12.50 -0.02 -0.18	19.51 -0.04 -0.82	15.49 -0.01 -0.17	18.99 0.04 -0.41	-2.86 -0.03 16.70	-19.44 -0.04 35.62	-11.32 -0.03 30.36	-19.57 -0.07 35.73	-19.47 -0.08 36.03	-20.31 -0.04 34.21	-18.30 -0.06 37.77	14.80 0.02 9.92	31.09 0.17 0.00	27.95 0.15 0.00	31.14 0.14 -0.51	26.42 0.08 -0.96	19.14 0.03 -0.63	16.30 0.02 -0.63
SITHE___OGDNSBRG 24021	18.86 0.08 0.00	19.33 0.06 0.00	17.26 -0.03 0.00	16.82 -0.06 0.00	21.26 -0.05 -4.83	14.76 -0.02 -0.41	13.39 -0.05 -1.09	23.80 -0.04 -5.12	16.32 -0.08 -1.07	21.05 -0.06 -2.57	0.06 -0.19 13.63	-14.39 -0.17 30.43	-7.09 -0.19 25.98	-14.56 -0.24 30.55	-14.39 -0.26 30.78	-15.45 -0.13 29.26	-12.73 -0.09 32.16	17.08 0.01 7.64	31.24 0.32 0.00	28.18 0.37 0.00	34.07 0.42 -3.17	31.59 0.23 -5.99	22.43 0.06 -3.89	19.59 0.04 -3.90
SITHE___STERLING 23777	19.04 0.25 0.00	19.48 0.21 0.00	17.43 0.15 0.00	17.01 0.14 0.00	16.61 0.14 0.00	14.49 0.12 0.00	12.45 0.11 0.00	18.95 0.22 0.00	15.47 0.14 0.00	18.66 0.12 0.00	13.90 0.02 0.00	16.26 0.05 0.00	19.10 0.03 0.00	16.28 0.05 0.00	16.74 0.09 0.00	14.09 0.14 0.00	19.75 0.23 0.00	25.08 0.37 0.00	31.37 0.45 0.00	28.27 0.46 0.00	31.03 0.55 0.00	25.71 0.34 0.00	18.68 0.20 0.00	15.80 0.15 0.00
SLEIGHT__34_KV_TB1 80719	17.50 -0.80 0.49	18.44 -0.83 0.00	16.03 -0.78 0.48	15.67 -0.78 0.42	15.74 -0.74 0.00	13.73 -0.64 0.00	11.81 -0.53 0.00	17.92 -0.81 0.00	14.57 -0.76 0.00	17.68 -0.86 0.00	13.29 -0.59 0.00	15.51 -0.70 0.00	17.97 -0.84 0.27	14.22 -0.69 1.32	14.56 -0.80 1.29	13.06 -0.66 0.23	18.26 -0.96 0.31	23.62 -1.09 0.00	29.54 -1.38 0.00	24.93 -1.16 1.72	29.14 -1.32 0.03	24.15 -1.23 0.00	17.56 -0.66 0.26	14.94 -0.22 0.48
SOUTH CAIRO___GT 23612	19.75 0.96 0.00	20.29 1.03 0.00	18.32 1.03 0.00	17.89 1.02 0.00	17.45 0.97 0.00	15.19 0.82 0.00	13.06 0.71 0.00	19.82 1.09 0.00	16.15 0.82 0.00	19.27 0.73 0.00	14.33 0.45 0.00	16.80 0.59 0.00	19.74 0.66 0.00	16.73 0.50 0.00	17.23 0.58 0.00	14.57 0.62 0.00	20.40 0.87 0.00	25.95 1.24 0.00	32.62 1.71 0.00	29.53 1.73 0.00	32.34 1.86 0.00	26.87 1.50 0.00	19.53 1.05 0.00	16.53 0.88 0.00
SOUTH HAMPTN___IC 23720	25.75 1.41 -5.55	20.51 1.25 0.00	18.44 1.15 0.00	17.92 1.05 0.00	17.47 1.00 0.00	15.30 0.93 0.00	13.17 0.82 0.00	19.97 1.25 0.00	16.37 1.04 0.00	19.74 1.20 0.00	14.94 1.06 0.00	17.43 1.22 0.00	20.45 1.38 0.00	17.40 1.17 0.00	18.30 1.36 -0.29	15.16 1.22 0.00	21.24 1.71 0.00	26.81 2.10 0.00	33.49 2.58 0.00	30.16 2.35 0.00	33.13 2.65 0.00	27.49 2.12 0.00	19.91 1.43 0.00	16.82 1.17 0.00
SOUTHDOW_115KV_TB1 355954	16.65 -0.99 1.15	18.32 -0.95 0.00	15.21 -0.95 1.13	14.94 -0.93 1.01	15.66 -0.81 0.00	13.63 -0.74 0.00	11.71 -0.63 0.00	17.77 -0.96 0.00	14.53 -0.80 0.00	17.67 -0.87 0.00	13.21 -0.67 0.00	15.43 -0.78 0.00	17.39 -1.05 0.63	12.20 -0.90 3.13	12.47 -1.11 3.06	12.51 -0.90 0.54	17.51 -1.29 0.73	23.36 -1.36 0.00	29.18 -1.74 0.00	22.22 -1.42 4.17	28.90 -1.51 0.07	23.81 -1.56 0.00	16.26 -1.22 1.01	12.66 -1.15 1.84
SOUTHOLD_69_KV_BK 2 55809	25.87 1.54 -5.55	20.57 1.31 0.00	18.51 1.22 0.00	17.97 1.09 0.00	17.52 1.05 0.00	15.40 1.03 0.00	13.28 0.94 0.00	20.13 1.41 0.00	16.46 1.13 0.00	19.90 1.36 0.00	15.10 1.22 0.00	17.61 1.40 0.00	20.65 1.57 0.00	17.54 1.31 0.00	18.40 1.47 -0.29	15.25 1.30 0.00	21.32 1.80 0.00	26.88 2.17 0.00	33.58 2.67 0.00	30.26 2.45 0.00	33.35 2.87 0.00	27.56 2.19 0.00	19.98 1.50 0.00	16.89 1.24 0.00
SOUTHOLD___IC 23719	25.88 1.54 -5.55	20.57 1.31 0.00	18.51 1.22 0.00	17.97 1.09 0.00	17.52 1.05 0.00	15.40 1.03 0.00	13.28 0.94 0.00	20.13 1.41 0.00	16.46 1.13 0.00	19.90 1.35 0.00	15.10 1.22 0.00	17.61 1.40 0.00	20.65 1.57 0.00	17.54 1.31 0.00	18.40 1.47 -0.29	15.24 1.30 0.00	21.32 1.80 0.00	26.88 2.17 0.00	33.58 2.67 0.00	30.26 2.45 0.00	33.35 2.87 0.00	27.56 2.18 0.00	19.98 1.50 0.00	16.89 1.24 0.00
SOUTH_FORK_WT_PWR 323839	25.80 1.46 -5.55	20.45 1.18 0.00	18.43 1.14 0.00	17.87 0.99 0.00	17.44 0.96 0.00	15.35 0.98 0.00	13.25 0.91 0.00	20.08 1.36 0.00	16.39 1.06 0.00	19.84 1.30 0.00	15.08 1.20 0.00	17.60 1.39 0.00	20.61 1.54 0.00	17.50 1.27 0.00	18.33 1.39 -0.29	15.17 1.23 0.00	21.18 1.66 0.00	26.67 1.96 0.00	33.29 2.38 0.00	30.02 2.21 0.00	33.19 2.70 0.00	27.36 1.99 0.00	19.86 1.38 0.00	16.81 1.17 0.00
SPIERFLS_115KV_TB 1 80737	20.07 1.29 0.00	20.52 1.25 0.00	18.41 1.13 0.00	17.97 1.10 0.00	17.53 1.06 0.00	15.27 0.90 0.00	13.14 0.80 0.00	19.96 1.24 0.00	16.32 0.99 0.00	19.65 1.11 0.00	14.60 0.72 0.00	17.08 0.88 0.00	20.02 0.94 0.00	17.02 0.79 0.00	17.51 0.86 0.00	14.65 0.71 0.00	20.67 1.14 0.00	26.24 1.52 0.00	33.02 2.10 0.00	29.57 1.76 0.00	32.73 2.24 0.00	27.09 1.71 0.00	19.71 1.23 0.00	16.69 1.04 0.00
ST LAWRENCE____ 23600	18.67 -0.11 0.00	19.15 -0.12 0.00	17.15 -0.14 0.00	16.73 -0.15 0.00	16.34 -0.13 0.00	14.28 -0.09 0.00	12.24 -0.10 0.00	18.57 -0.15 0.00	15.23 -0.10 0.00	18.45 -0.08 0.00	-3.70 -0.10 17.48	-20.91 -0.12 37.00	-12.59 -0.13 31.53	-21.02 -0.14 37.11	-20.95 -0.16 37.44	-21.71 -0.12 35.53	-19.91 -0.18 39.26	14.09 -0.15 10.47	30.86 -0.06 0.00	27.72 -0.08 0.00	30.38 -0.10 0.00	25.26 -0.11 0.00	18.39 -0.09 0.00	15.57 -0.08 0.00
STATE_CA_115KV_115_LB 55624	19.17 0.38 0.00	19.73 0.46 0.00	17.82 0.54 0.00	17.41 0.54 0.00	16.98 0.50 0.00	14.78 0.41 0.00	12.69 0.35 0.00	19.25 0.52 0.00	15.77 0.44 0.00	19.00 0.45 0.00	14.21 0.33 0.00	16.58 0.37 0.00	19.53 0.45 0.00	16.62 0.39 0.00	17.11 0.46 0.00	14.36 0.41 0.00	20.11 0.59 0.00	25.35 0.64 0.00	31.64 0.73 0.00	28.51 0.70 0.00	31.23 0.75 0.00	26.04 0.67 0.00	18.99 0.51 0.00	16.10 0.45 0.00

STATE_ST_34_KV_LOAD 55959	18.34 -0.13 0.31	19.13 -0.14 0.00	16.82 -0.15 0.31	16.41 -0.19 0.27	16.37 -0.10 0.00	14.27 -0.10 0.00	12.27 -0.07 0.00	18.61 -0.11 0.00	15.12 -0.20 0.00	18.31 -0.23 0.00	13.73 -0.15 0.00	15.99 -0.22 0.00	18.66 -0.24 0.17	15.19 -0.19 0.85	15.51 -0.30 0.83	13.53 -0.27 0.15	18.95 -0.38 0.20	24.42 -0.30 0.00	30.51 -0.40 0.00	26.45 -0.27 1.09	30.12 -0.34 0.02	25.04 -0.33 0.00	18.06 -0.19 0.23	15.10 -0.13 0.42
STATION 5_MISC_HYD 23604	17.19 -1.02 0.58	18.22 -1.05 0.00	15.73 -0.98 0.57	15.37 -0.99 0.51	15.52 -0.96 0.00	13.53 -0.84 0.00	11.63 -0.71 0.00	17.67 -1.05 0.00	14.35 -0.98 0.00	17.46 -1.08 0.00	13.14 -0.74 0.00	15.35 -0.86 0.00	17.70 -1.05 0.32	13.80 -0.85 1.58	14.13 -0.97 1.55	12.89 -0.78 0.27	17.97 -1.19 0.36	23.28 -1.43 0.00	29.09 -1.82 0.00	24.18 -1.56 2.07	28.69 -1.75 0.03	23.76 -1.61 0.00	16.80 -1.19 0.50	13.62 -1.10 0.92
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.47 -0.68 0.63	18.56 -0.71 0.00	15.99 -0.67 0.62	15.66 -0.66 0.55	15.84 -0.64 0.00	13.82 -0.55 0.00	11.89 -0.45 0.00	18.05 -0.67 0.00	14.69 -0.64 0.00	17.81 -0.74 0.00	13.37 -0.51 0.00	15.62 -0.59 0.00	17.99 -0.74 0.35	13.91 -0.61 1.72	14.26 -0.71 1.68	13.08 -0.56 0.30	18.30 -0.82 0.40	23.76 -0.95 0.00	29.75 -1.16 0.00	24.61 -0.97 2.23	29.36 -1.09 0.04	24.33 -1.04 0.00	17.16 -0.79 0.54	13.91 -0.75 0.99
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.15 -1.05 0.58	18.18 -1.09 0.00	15.70 -1.01 0.57	15.35 -1.02 0.51	15.48 -0.99 0.00	13.50 -0.87 0.00	11.61 -0.73 0.00	17.63 -1.09 0.00	14.34 -0.99 0.00	17.43 -1.11 0.00	13.12 -0.76 0.00	15.32 -0.89 0.00	17.68 -1.08 0.32	13.77 -0.87 1.58	14.11 -0.99 1.55	12.87 -0.81 0.27	17.95 -1.21 0.37	23.24 -1.47 0.00	29.05 -1.86 0.00	24.13 -1.61 2.07	28.64 -1.81 0.03	23.72 -1.65 0.00	16.77 -1.21 0.50	13.59 -1.13 0.93
STA_56___34_KV_BUS2 355983	17.15 -1.05 0.58	18.18 -1.09 0.00	15.70 -1.01 0.57	15.35 -1.02 0.51	15.48 -0.99 0.00	13.50 -0.87 0.00	11.61 -0.73 0.00	17.63 -1.09 0.00	14.34 -0.99 0.00	17.43 -1.11 0.00	13.12 -0.76 0.00	15.32 -0.89 0.00	17.68 -1.08 0.32	13.77 -0.87 1.58	14.11 -0.99 1.55	12.87 -0.81 0.27	17.95 -1.21 0.37	23.24 -1.47 0.00	29.05 -1.86 0.00	24.13 -1.61 2.07	28.64 -1.81 0.03	23.72 -1.65 0.00	16.77 -1.21 0.50	13.59 -1.13 0.93
STA_67___115KV_BK2 355882	17.15 -1.05 0.58	18.19 -1.08 0.00	15.71 -1.01 0.57	15.35 -1.01 0.51	15.49 -0.99 0.00	13.51 -0.86 0.00	11.61 -0.73 0.00	17.63 -1.09 0.00	14.33 -1.00 0.00	17.43 -1.11 0.00	13.12 -0.76 0.00	15.32 -0.89 0.00	17.68 -1.08 0.32	13.78 -0.87 1.58	14.11 -1.00 1.54	12.87 -0.81 0.27	17.94 -1.22 0.36	23.22 -1.49 0.00	29.02 -1.89 0.00	24.11 -1.63 2.07	28.63 -1.82 0.03	23.70 -1.67 0.00	16.76 -1.22 0.50	13.59 -1.14 0.92
STA_7___115KV_9TRANS 80674	17.26 -0.95 0.58	18.29 -0.97 0.00	15.79 -0.92 0.57	15.43 -0.93 0.51	15.57 -0.91 0.00	13.57 -0.80 0.00	11.67 -0.67 0.00	17.73 -0.99 0.00	14.40 -0.93 0.00	17.52 -1.02 0.00	13.19 -0.69 0.00	15.41 -0.79 0.00	17.78 -0.98 0.32	13.86 -0.78 1.58	14.20 -0.90 1.55	12.95 -0.72 0.27	18.06 -1.10 0.36	23.40 -1.32 0.00	29.25 -1.67 0.00	24.32 -1.42 2.07	28.84 -1.61 0.03	23.88 -1.50 0.00	16.88 -1.10 0.50	13.68 -1.05 0.92
STA_82___115KV_TB1 80780	17.15 -1.05 0.59	18.20 -1.07 0.00	15.70 -1.01 0.58	15.35 -1.01 0.51	15.49 -0.98 0.00	13.51 -0.86 0.00	11.62 -0.72 0.00	17.64 -1.08 0.00	14.34 -0.99 0.00	17.43 -1.11 0.00	13.12 -0.76 0.00	15.32 -0.89 0.00	17.67 -1.08 0.32	13.76 -0.87 1.60	14.09 -0.99 1.56	12.86 -0.81 0.28	17.94 -1.22 0.37	23.23 -1.48 0.00	29.03 -1.88 0.00	24.10 -1.61 2.09	28.64 -1.81 0.03	23.71 -1.66 0.00	16.76 -1.22 0.50	13.58 -1.13 0.93
STEEL___WIND 323596	16.38 -1.44 0.97	17.82 -1.45 0.00	14.97 -1.36 0.96	14.69 -1.34 0.85	15.19 -1.29 0.00	13.26 -1.12 0.00	11.38 -0.96 0.00	17.26 -1.46 0.00	14.01 -1.32 0.00	17.11 -1.43 0.00	12.86 -1.02 0.00	15.00 -1.21 0.00	17.08 -1.47 0.54	12.41 -1.18 2.64	12.71 -1.36 2.58	12.40 -1.10 0.45	17.22 -1.70 0.61	22.68 -2.03 0.00	28.24 -2.68 0.00	22.05 -2.31 3.44	27.87 -2.56 0.06	23.04 -2.33 0.00	15.93 -1.71 0.83	12.55 -1.58 1.52
STEPHTWN_115KV_BK_2 55603	19.21 0.42 0.00	19.76 0.49 0.00	17.85 0.56 0.00	17.42 0.54 0.00	17.00 0.52 0.00	14.76 0.39 0.00	12.73 0.38 0.00	19.28 0.56 0.00	15.77 0.44 0.00	19.01 0.46 0.00	14.21 0.33 0.00	16.59 0.38 0.00	19.58 0.50 0.00	16.61 0.38 0.00	17.13 0.48 0.00	14.36 0.41 0.00	20.14 0.61 0.00	25.47 0.76 0.00	31.82 0.91 0.00	28.66 0.85 0.00	31.36 0.88 0.00	26.13 0.75 0.00	19.02 0.54 0.00	16.21 0.56 0.00
STEUBEN_REC_LFGE 323667	13.60 -1.66 3.53	17.52 -1.74 0.00	12.21 -1.60 3.47	12.68 -1.10 3.09	15.55 -0.92 0.00	13.35 -1.02 0.00	11.54 -0.80 0.00	17.25 -1.48 0.00	14.19 -1.13 0.00	16.92 -1.62 0.00	12.35 -1.53 0.00	14.46 -1.75 0.00	14.69 -2.43 1.95	4.54 -2.05 9.63	5.10 -2.13 9.42	10.42 -1.79 1.74	14.88 -2.34 2.31	21.98 -2.73 0.00	27.96 -2.96 0.00	12.73 -2.40 12.67	27.85 -2.43 0.20	22.91 -2.46 0.00	13.52 -1.96 3.00	8.39 -1.72 5.54
STILLWATER___SOLAR 323814	19.78 0.99 0.00	20.26 0.99 0.00	18.20 0.91 0.00	17.77 0.89 0.00	17.34 0.87 0.00	15.10 0.73 0.00	12.98 0.64 0.00	19.69 0.97 0.00	16.09 0.76 0.00	19.38 0.84 0.00	14.49 0.61 0.00	16.94 0.73 0.00	19.88 0.81 0.00	16.94 0.71 0.00	17.43 0.78 0.00	14.59 0.65 0.00	20.53 1.01 0.00	26.04 1.33 0.00	32.60 1.69 0.00	29.32 1.51 0.00	32.25 1.76 0.00	26.78 1.41 0.00	19.48 1.00 0.00	16.49 0.84 0.00
STONY___BROOK 24151	25.60 1.27 -5.55	20.46 1.20 0.00	18.34 1.06 0.00	17.85 0.97 0.00	17.39 0.91 0.00	15.19 0.81 0.00	13.05 0.70 0.00	19.80 1.08 0.00	16.26 0.93 0.00	19.57 1.03 0.00	14.79 0.91 0.00	17.25 1.05 0.00	20.27 1.19 0.00	17.25 1.02 0.00	18.18 1.25 -0.29	15.06 1.11 0.00	21.10 1.58 0.00	26.70 1.99 0.00	33.36 2.45 0.00	30.03 2.22 0.00	32.90 2.42 0.00	27.38 2.01 0.00	19.83 1.35 0.00	16.74 1.09 0.00
STURGEON_POOL_HYD 23609	19.37 0.59 0.00	19.83 0.57 0.00	17.79 0.50 0.00	17.36 0.49 0.00	16.93 0.45 0.00	14.77 0.40 0.00	12.69 0.35 0.00	19.23 0.50 0.00	15.80 0.47 0.00	19.15 0.61 0.00	14.43 0.55 0.00	16.83 0.62 0.00	19.85 0.77 0.00	16.92 0.69 0.00	17.41 0.76 0.00	14.59 0.65 0.00	20.48 0.96 0.00	25.92 1.21 0.00	32.36 1.45 0.00	29.07 1.26 0.00	31.85 1.37 0.00	26.55 1.17 0.00	19.27 0.79 0.00	16.29 0.64 0.00
ST_LAW_115_BK7_LBMP 345037	18.67 -0.12 0.00	19.15 -0.12 0.00	17.14 -0.15 0.00	16.72 -0.16 0.00	16.33 -0.14 0.00	14.28 -0.09 0.00	12.24 -0.10 0.00	18.57 -0.15 0.00	15.23 -0.10 0.00	18.45 -0.09 0.00	-3.58 -0.11 17.35	-20.65 -0.13 36.73	-12.38 -0.14 31.31	-20.77 -0.16 36.84	-20.69 -0.18 37.17	-21.46 -0.13 35.28	-19.64 -0.20 38.97	14.16 -0.16 10.40	30.86 -0.06 0.00	27.73 -0.08 0.00	30.38 -0.10 0.00	25.26 -0.11 0.00	18.39 -0.09 0.00	15.57 -0.08 0.00

ST_LAW_115_BK8_LBMP 345038	18.67 -0.12 0.00	19.15 -0.12 0.00	17.14 -0.15 0.00	16.72 -0.16 0.00	16.33 -0.14 0.00	14.28 -0.09 0.00	12.24 -0.10 0.00	18.57 -0.15 0.00	15.23 -0.10 0.00	18.45 -0.09 0.00	-3.58 -0.11 17.35	-20.65 -0.13 36.73	-12.38 -0.14 31.31	-20.77 -0.16 36.84	-20.69 -0.18 37.17	-21.46 -0.13 35.28	-19.64 -0.20 38.97	14.16 -0.16 10.40	30.86 -0.06 0.00	27.73 -0.08 0.00	30.38 -0.10 0.00	25.26 -0.11 0.00	18.39 -0.09 0.00	15.57 -0.08 0.00
ST_LAW_230_BK5_LBMP 345035	18.67 -0.11 0.00	19.15 -0.12 0.00	17.15 -0.14 0.00	16.73 -0.15 0.00	16.34 -0.13 0.00	14.28 -0.09 0.00	12.24 -0.10 0.00	18.57 -0.15 0.00	15.23 -0.10 0.00	18.45 -0.08 0.00	-3.89 -0.10 17.67	-21.31 -0.12 37.40	-12.93 -0.13 31.87	-21.42 -0.14 37.51	-21.35 -0.16 37.84	-22.09 -0.12 35.92	-20.34 -0.18 39.68	13.98 -0.15 10.59	30.86 -0.06 0.00	27.72 -0.08 0.00	30.38 -0.10 0.00	25.26 -0.11 0.00	18.39 -0.09 0.00	15.57 -0.08 0.00
ST_LAW_230_BK6_LBMP 345036	18.67 -0.11 0.00	19.15 -0.12 0.00	17.15 -0.14 0.00	16.73 -0.15 0.00	16.34 -0.13 0.00	14.28 -0.09 0.00	12.24 -0.10 0.00	18.57 -0.15 0.00	15.23 -0.10 0.00	18.45 -0.08 0.00	-3.89 -0.10 17.67	-21.31 -0.12 37.40	-12.93 -0.13 31.87	-21.42 -0.14 37.51	-21.35 -0.16 37.84	-22.09 -0.12 35.92	-20.34 -0.18 39.68	13.98 -0.15 10.59	30.86 -0.06 0.00	27.72 -0.08 0.00	30.38 -0.10 0.00	25.26 -0.11 0.00	18.39 -0.09 0.00	15.57 -0.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.30 0.51 0.00	19.77 0.51 0.00	17.75 0.46 0.00	17.32 0.45 0.00	16.90 0.43 0.00	14.74 0.37 0.00	12.67 0.33 0.00	19.19 0.47 0.00	15.75 0.42 0.00	19.06 0.51 0.00	14.34 0.46 0.00	16.74 0.53 0.00	19.73 0.65 0.00	16.80 0.57 0.00	17.01 0.65 0.29	14.51 0.56 0.00	20.36 0.84 0.00	25.79 1.08 0.00	32.20 1.29 0.00	28.92 1.11 0.00	31.68 1.20 0.00	26.41 1.04 0.00	19.18 0.70 0.00	16.23 0.58 0.00
SWANROAD_115KV_TB1 355699	15.97 -1.98 0.84	17.23 -2.04 0.00	14.58 -1.88 0.83	14.27 -1.87 0.74	14.65 -1.83 0.00	12.78 -1.59 0.00	10.98 -1.37 0.00	16.67 -2.05 0.00	13.52 -1.81 0.00	16.54 -2.00 0.00	12.48 -1.40 0.00	14.55 -1.66 0.00	16.60 -2.01 0.47	12.34 -1.59 2.30	12.61 -1.79 2.24	12.08 -1.47 0.39	16.73 -2.27 0.53	21.85 -2.87 0.00	27.15 -3.76 0.00	21.57 -3.27 2.97	26.71 -3.72 0.05	22.06 -3.31 0.00	15.41 -2.37 0.71	12.22 -2.11 1.31
SYNERGY___BIOGAS 323694	16.90 -1.14 0.74	18.07 -1.19 0.00	15.43 -1.13 0.73	15.10 -1.13 0.65	15.37 -1.11 0.00	13.41 -0.96 0.00	11.53 -0.81 0.00	17.52 -1.20 0.00	14.17 -1.16 0.00	17.20 -1.34 0.00	12.93 -0.95 0.00	15.11 -1.10 0.00	17.31 -1.36 0.41	13.12 -1.10 2.01	13.47 -1.21 1.97	12.64 -0.96 0.34	17.63 -1.43 0.46	22.98 -1.73 0.00	28.69 -2.22 0.00	23.43 -1.76 2.62	28.43 -2.01 0.04	23.49 -1.88 0.00	16.46 -1.40 0.63	13.16 -1.33 1.16
SYRACUSE___ENERGY_ST1 323597	18.64 -0.15 0.00	19.11 -0.16 0.00	17.13 -0.15 0.00	16.73 -0.15 0.00	16.34 -0.13 0.00	14.26 -0.12 0.00	12.26 -0.08 0.00	18.59 -0.13 0.00	15.17 -0.16 0.00	18.36 -0.18 0.00	13.75 -0.13 0.00	16.07 -0.14 0.00	18.90 -0.18 0.00	16.09 -0.14 0.00	16.45 -0.20 0.00	13.77 -0.18 0.00	19.28 -0.25 0.00	24.43 -0.28 0.00	30.52 -0.39 0.00	27.51 -0.29 0.00	30.15 -0.33 0.00	25.05 -0.33 0.00	18.26 -0.22 0.00	15.45 -0.19 0.00
SYRACUSE___ENERGY_ST2 323598	18.64 -0.15 0.00	19.11 -0.16 0.00	17.13 -0.15 0.00	16.73 -0.15 0.00	16.34 -0.13 0.00	14.26 -0.12 0.00	12.26 -0.08 0.00	18.59 -0.13 0.00	15.17 -0.16 0.00	18.36 -0.18 0.00	13.75 -0.13 0.00	16.07 -0.14 0.00	18.90 -0.18 0.00	16.09 -0.14 0.00	16.45 -0.20 0.00	13.77 -0.18 0.00	19.28 -0.25 0.00	24.43 -0.28 0.00	30.52 -0.39 0.00	27.51 -0.29 0.00	30.15 -0.33 0.00	25.05 -0.33 0.00	18.26 -0.22 0.00	15.45 -0.19 0.00
SYRACUSE___POWER 24017	18.81 -0.16 -0.18	19.10 -0.17 0.00	17.29 -0.17 -0.17	16.87 -0.16 -0.16	16.32 -0.15 0.00	14.24 -0.13 0.00	12.24 -0.10 0.00	18.57 -0.15 0.00	15.17 -0.16 0.00	18.34 -0.21 0.00	13.73 -0.15 0.00	16.05 -0.16 0.00	18.98 -0.20 -0.10	16.56 -0.16 -0.49	16.92 -0.21 -0.48	13.86 -0.17 -0.09	19.40 -0.25 -0.12	24.42 -0.30 0.00	30.52 -0.40 0.00	28.22 -0.31 -0.72	30.16 -0.33 -0.01	25.05 -0.33 0.00	18.42 -0.24 -0.17	15.76 -0.21 -0.32
TALLMAN___138KV_BK151 55660	19.35 0.56 0.00	19.83 0.56 0.00	17.79 0.50 0.00	17.36 0.49 0.00	16.94 0.46 0.00	14.78 0.41 0.00	12.69 0.35 0.00	19.23 0.51 0.00	15.79 0.46 0.00	19.12 0.58 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.82 0.75 0.00	16.88 0.65 0.00	17.27 0.74 0.11	14.58 0.63 0.00	20.47 0.95 0.00	25.93 1.22 0.00	32.36 1.45 0.00	29.03 1.22 0.00	31.80 1.32 0.00	26.52 1.14 0.00	19.25 0.77 0.00	16.29 0.64 0.00
TEALLAVE_115KV_TB7 355573	18.55 -0.23 0.00	19.02 -0.25 0.00	17.04 -0.24 0.00	16.64 -0.24 0.00	16.25 -0.23 0.00	14.17 -0.20 0.00	12.19 -0.16 0.00	18.49 -0.24 0.00	15.10 -0.23 0.00	18.26 -0.28 0.00	13.68 -0.21 0.00	15.98 -0.22 0.00	18.80 -0.28 0.00	16.01 -0.22 0.00	16.38 -0.27 0.00	13.71 -0.24 0.00	19.19 -0.34 0.00	24.28 -0.43 0.00	30.34 -0.57 0.00	27.34 -0.47 0.00	29.96 -0.52 0.00	24.89 -0.48 0.00	18.15 -0.33 0.00	15.35 -0.30 0.00
TELGRAPH_34_KV_EAST 80808	16.47 -1.53 0.79	17.68 -1.58 0.00	15.04 -1.47 0.77	14.72 -1.47 0.69	15.04 -1.44 0.00	13.13 -1.24 0.00	11.28 -1.07 0.00	17.13 -1.59 0.00	13.88 -1.46 0.00	16.93 -1.61 0.00	12.77 -1.12 0.00	14.89 -1.32 0.00	17.03 -1.61 0.43	12.82 -1.28 2.13	13.12 -1.44 2.09	12.41 -1.17 0.36	17.24 -1.80 0.49	22.50 -2.22 0.00	28.02 -2.90 0.00	22.58 -2.46 2.78	27.65 -2.79 0.04	22.84 -2.53 0.00	15.97 -1.84 0.66	12.72 -1.70 1.23
TEMPLE___115KV_TB 2 55572	18.56 -0.23 0.00	19.02 -0.25 0.00	17.05 -0.24 0.00	16.65 -0.23 0.00	16.26 -0.22 0.00	14.18 -0.19 0.00	12.19 -0.15 0.00	18.49 -0.23 0.00	15.10 -0.22 0.00	18.27 -0.27 0.00	13.69 -0.19 0.00	15.99 -0.21 0.00	18.82 -0.26 0.00	16.02 -0.21 0.00	16.38 -0.27 0.00	13.72 -0.23 0.00	19.20 -0.33 0.00	24.30 -0.42 0.00	30.36 -0.56 0.00	27.35 -0.46 0.00	29.98 -0.50 0.00	24.90 -0.47 0.00	18.15 -0.33 0.00	15.36 -0.29 0.00
TIANA____69_KV_BK 1 55817	25.72 1.38 -5.55	20.50 1.23 0.00	18.42 1.13 0.00	17.90 1.03 0.00	17.45 0.98 0.00	15.27 0.90 0.00	13.14 0.79 0.00	19.93 1.21 0.00	16.34 1.01 0.00	19.69 1.15 0.00	14.89 1.01 0.00	17.37 1.17 0.00	20.39 1.32 0.00	17.35 1.12 0.00	18.26 1.33 -0.29	15.14 1.19 0.00	21.21 1.68 0.00	26.79 2.08 0.00	33.49 2.58 0.00	30.14 2.34 0.00	33.09 2.61 0.00	27.48 2.11 0.00	19.90 1.42 0.00	16.80 1.15 0.00
TILDEN___115KV_TB1 80814	18.81 -0.16 -0.18	19.10 -0.17 0.00	17.29 -0.17 -0.17	16.87 -0.16 -0.16	16.32 -0.15 0.00	14.24 -0.13 0.00	12.24 -0.10 0.00	18.57 -0.15 0.00	15.17 -0.16 0.00	18.34 -0.21 0.00	13.73 -0.15 0.00	16.05 -0.16 0.00	18.98 -0.20 -0.10	16.56 -0.16 -0.49	16.92 -0.21 -0.48	13.86 -0.17 -0.09	19.40 -0.25 -0.12	24.42 -0.30 0.00	30.52 -0.40 0.00	28.22 -0.31 -0.72	30.16 -0.33 -0.01	25.05 -0.33 0.00	18.42 -0.24 -0.17	15.76 -0.21 -0.32

TRIGEN__CC 323695	25.32 0.98 -5.55	20.23 0.97 0.00	18.13 0.84 0.00	17.68 0.80 0.00	17.23 0.76 0.00	15.03 0.66 0.00	12.91 0.57 0.00	19.57 0.85 0.00	16.08 0.75 0.00	19.41 0.87 0.00	14.66 0.78 0.00	17.11 0.90 0.00	20.12 1.04 0.00	17.13 0.90 0.00	18.01 1.08 -0.29	14.87 0.93 0.00	20.81 1.28 0.00	26.33 1.61 0.00	32.86 1.95 0.00	29.55 1.74 0.00	32.38 1.90 0.00	27.01 1.64 0.00	19.62 1.14 0.00	16.58 0.94 0.00
TRINITY__115KV__ 4 BK 55933	19.11 0.32 0.00	19.67 0.41 0.00	17.77 0.48 0.00	17.36 0.49 0.00	16.94 0.46 0.00	14.74 0.37 0.00	12.66 0.31 0.00	19.19 0.47 0.00	15.72 0.39 0.00	18.95 0.41 0.00	14.17 0.30 0.00	16.53 0.33 0.00	19.47 0.40 0.00	16.57 0.34 0.00	17.06 0.42 0.00	14.31 0.37 0.00	20.04 0.52 0.00	25.26 0.54 0.00	31.52 0.60 0.00	28.39 0.58 0.00	31.11 0.63 0.00	25.95 0.58 0.00	18.93 0.45 0.00	16.05 0.41 0.00
UNION__PROCESSING_DRP 323587	17.15 -1.05 0.59	18.20 -1.07 0.00	15.70 -1.00 0.58	15.35 -1.01 0.52	15.50 -0.98 0.00	13.51 -0.86 0.00	11.62 -0.72 0.00	17.64 -1.08 0.00	14.34 -0.99 0.00	17.43 -1.11 0.00	13.12 -0.76 0.00	15.32 -0.89 0.00	17.67 -1.08 0.33	13.76 -0.87 1.60	14.09 -0.99 1.57	12.87 -0.80 0.28	17.94 -1.21 0.37	23.24 -1.48 0.00	29.04 -1.87 0.00	24.11 -1.61 2.09	28.64 -1.81 0.03	23.71 -1.66 0.00	16.76 -1.21 0.50	13.59 -1.13 0.93
UPPER HUDSON__HYD 24058	20.07 1.29 0.00	20.52 1.25 0.00	18.41 1.13 0.00	17.97 1.10 0.00	17.53 1.06 0.00	15.27 0.90 0.00	13.14 0.80 0.00	19.96 1.24 0.00	16.32 0.99 0.00	19.65 1.11 0.00	14.60 0.72 0.00	17.08 0.87 0.00	20.02 0.94 0.00	17.02 0.79 0.00	17.51 0.86 0.00	14.65 0.70 0.00	20.67 1.14 0.00	26.24 1.52 0.00	33.02 2.10 0.00	29.57 1.76 0.00	32.73 2.24 0.00	27.08 1.71 0.00	19.71 1.23 0.00	16.69 1.04 0.00
UPPER RAQUET__HYD 24056	18.26 -0.52 0.00	18.68 -0.59 0.00	16.64 -0.64 0.00	16.20 -0.67 0.00	23.22 -0.67 -7.41	14.40 -0.60 -0.63	13.46 -0.56 -1.68	25.80 -0.77 -7.85	16.38 -0.58 -1.64	21.79 -0.69 -3.93	1.53 -0.68 11.67	-11.73 -0.80 27.14	-5.02 -0.90 23.20	-11.82 -0.79 27.26	-11.60 -0.81 27.44	-12.75 -0.58 26.12	-9.84 -0.77 28.60	17.55 -0.97 6.20	30.00 -0.91 0.00	27.14 -0.67 0.00	34.63 -0.70 -4.85	33.77 -0.79 -9.18	23.73 -0.71 -5.96	21.07 -0.57 -5.99
VALLEY44_115KV_TB2 355964	16.86 -0.75 1.18	18.54 -0.73 0.00	15.41 -0.73 1.16	15.19 -0.66 1.03	15.89 -0.59 0.00	13.84 -0.54 0.00	11.92 -0.42 0.00	18.11 -0.62 0.00	14.73 -0.59 0.00	17.99 -0.55 0.00	13.43 -0.45 0.00	15.67 -0.54 0.00	17.69 -0.73 0.65	12.41 -0.62 3.20	12.83 -0.70 3.13	12.78 -0.61 0.55	17.86 -0.92 0.74	23.65 -1.06 0.00	29.45 -1.47 0.00	22.25 -1.24 4.32	28.95 -1.46 0.07	24.00 -1.38 0.00	16.48 -0.97 1.04	12.91 -0.84 1.90
VALLEY__115KV_TB 1-4 80826	18.49 -0.30 0.00	18.98 -0.28 0.00	17.01 -0.27 0.00	16.68 -0.20 0.00	16.26 -0.21 0.00	14.13 -0.24 0.00	12.18 -0.16 0.00	18.57 -0.16 0.00	15.30 -0.03 0.00	18.58 0.04 0.00	14.76 0.02 -0.86	17.84 -0.18 -1.81	20.42 -0.19 -1.54	17.88 -0.17 -1.82	18.31 -0.17 -1.83	15.56 -0.12 -1.74	21.35 -0.10 -1.92	25.34 0.12 -0.51	30.77 -0.14 0.00	27.64 -0.17 0.00	30.27 -0.21 0.00	25.14 -0.23 0.00	18.31 -0.18 0.00	15.49 -0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.55 0.51 -0.25	19.76 0.50 0.00	18.01 0.48 -0.25	17.54 0.44 -0.22	16.92 0.44 0.00	14.77 0.40 0.00	12.70 0.35 0.00	19.27 0.55 0.00	15.77 0.44 0.00	19.09 0.55 0.00	14.32 0.44 0.00	16.74 0.53 0.00	19.83 0.61 -0.14	17.43 0.49 -0.71	17.87 0.52 -0.70	14.53 0.46 -0.12	20.34 0.68 -0.13	25.62 0.90 0.00	32.03 1.12 0.00	28.81 0.99 0.00	31.57 1.09 0.00	26.23 0.86 0.00	19.04 0.56 0.00	16.12 0.47 0.00
VISCHER__FERRY HYD 24020	19.51 0.73 0.00	20.02 0.75 0.00	18.01 0.72 0.00	17.58 0.71 0.00	17.16 0.68 0.00	14.93 0.56 0.00	12.83 0.48 0.00	19.45 0.73 0.00	15.94 0.61 0.00	19.22 0.68 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.78 0.70 0.00	16.84 0.61 0.00	17.33 0.68 0.00	14.53 0.58 0.00	20.36 0.84 0.00	25.72 1.01 0.00	32.12 1.20 0.00	28.92 1.11 0.00	31.75 1.26 0.00	26.45 1.08 0.00	19.25 0.77 0.00	16.30 0.66 0.00
V_A_10_SYNC_DSASP 323832	16.43 -1.66 0.70	17.58 -1.69 0.00	15.04 -1.56 0.68	14.72 -1.55 0.61	14.97 -1.51 0.00	13.05 -1.32 0.00	11.21 -1.13 0.00	17.03 -1.69 0.00	13.83 -1.50 0.00	16.89 -1.65 0.00	12.72 -1.16 0.00	14.85 -1.36 0.00	17.04 -1.65 0.38	13.00 -1.34 1.89	13.29 -1.51 1.85	12.39 -1.23 0.32	17.21 -1.88 0.43	22.38 -2.33 0.00	27.91 -3.01 0.00	22.64 -2.64 2.52	27.45 -2.99 0.04	22.73 -2.65 0.00	15.96 -1.92 0.60	12.80 -1.73 1.12
V_CMM_10_SYNC_DSASP 323787	18.76 -0.03 0.00	19.24 -0.03 0.00	17.23 -0.06 0.00	16.80 -0.07 0.00	16.41 -0.06 0.00	14.35 -0.02 0.00	12.30 -0.04 0.00	18.66 -0.06 0.00	15.30 -0.03 0.00	18.55 0.01 0.00	-3.51 -0.04 17.35	-20.57 -0.04 36.73	-12.28 -0.05 31.31	-20.69 -0.08 36.84	-20.61 -0.09 37.17	-21.39 -0.06 35.28	-19.54 -0.09 38.97	14.29 -0.03 10.40	31.02 0.11 0.00	27.87 0.06 0.00	30.54 0.06 0.00	25.39 0.02 0.00	18.49 0.00 0.00	15.64 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	18.44 -0.35 0.00	18.74 -0.53 0.00	16.66 -0.63 0.00	16.26 -0.61 0.00	-21.29 -0.70 37.07	10.72 -0.48 3.18	3.56 -0.38 8.40	-21.33 -0.78 39.28	6.68 -0.46 8.19	-1.67 -0.53 19.68	-9.48 -0.46 22.90	-20.65 -0.51 36.34	-11.93 -0.39 30.62	-20.35 -0.36 36.21	-20.73 -0.53 36.85	-20.97 -0.34 34.58	-20.56 -0.60 39.50	6.33 -0.67 17.71	30.62 -0.29 0.00	27.81 0.00 0.00	5.78 -0.44 24.26	-21.24 -0.69 45.91	-11.90 -0.59 29.79	-14.76 -0.47 29.94
V_D_10_SYNC_DSASP 323841	18.80 0.01 0.00	19.28 0.02 0.00	17.26 -0.03 0.00	16.84 -0.04 0.00	16.44 -0.03 0.00	14.37 0.00 0.00	12.32 -0.02 0.00	18.70 -0.03 0.00	15.32 0.00 0.00	18.58 0.04 0.00	-3.02 -0.03 16.87	-19.53 -0.04 35.70	-11.38 -0.03 30.43	-19.65 -0.07 35.81	-19.55 -0.08 36.12	-20.38 -0.04 34.29	-18.42 -0.06 37.88	14.62 0.02 10.11	31.09 0.18 0.00	27.95 0.15 0.00	30.63 0.14 0.00	25.45 0.08 0.00	18.51 0.03 0.00	15.67 0.02 0.00
V_E_10_SYNC_DSASP 323830	21.45 0.75 -1.91	19.80 0.54 0.00	19.64 0.47 -1.88	18.89 0.34 -1.67	16.81 0.33 0.00	14.77 0.40 0.00	12.75 0.40 0.00	19.45 0.73 0.00	15.79 0.46 0.00	18.73 0.19 0.00	14.00 0.12 0.00	16.37 0.17 0.00	20.16 0.02 -1.06	21.36 -0.11 -5.24	21.79 0.01 -5.13	15.00 0.14 -0.91	21.05 0.31 -1.22	25.35 0.64 0.00	32.33 1.41 0.00	36.01 1.39 -6.81	32.01 1.43 -0.11	26.32 0.95 0.00	20.60 0.52 -1.61	19.12 0.50 -2.97
V_F_30_NSYNC__DSASP 323816	19.79 1.00 0.00	20.27 1.00 0.00	18.21 0.92 0.00	17.77 0.90 0.00	17.35 0.87 0.00	15.11 0.74 0.00	12.99 0.64 0.00	19.70 0.98 0.00	16.10 0.77 0.00	19.40 0.86 0.00	14.51 0.63 0.00	16.96 0.75 0.00	19.91 0.83 0.00	16.95 0.72 0.00	17.45 0.80 0.00	14.61 0.66 0.00	20.55 1.03 0.00	26.06 1.35 0.00	32.63 1.72 0.00	29.34 1.53 0.00	32.27 1.79 0.00	26.80 1.43 0.00	19.49 1.01 0.00	16.50 0.85 0.00



V_F_30_SYNC_DSASP 323786	19.17 0.38 0.00	19.73 0.46 0.00	17.82 0.53 0.00	17.41 0.53 0.00	16.98 0.50 0.00	14.78 0.41 0.00	12.69 0.35 0.00	19.25 0.52 0.00	15.77 0.44 0.00	18.99 0.45 0.00	14.21 0.33 0.00	16.58 0.37 0.00	19.53 0.45 0.00	16.62 0.39 0.00	17.11 0.46 0.00	14.36 0.41 0.00	20.11 0.59 0.00	25.35 0.64 0.00	31.64 0.73 0.00	28.50 0.69 0.00	31.23 0.75 0.00	26.04 0.67 0.00	18.99 0.51 0.00	16.10 0.45 0.00
V_XM_10_SYNC_DSASP 323789	18.44 -0.35 0.00	18.74 -0.53 0.00	16.66 -0.63 0.00	16.26 -0.61 0.00	-21.29 -0.70 37.07	10.72 -0.48 3.18	3.56 -0.38 8.40	-21.33 -0.78 39.28	6.68 -0.46 8.19	-1.67 -0.53 19.68	-9.48 -0.46 22.90	-20.65 -0.51 36.34	-11.93 -0.39 30.62	-20.35 -0.36 36.21	-20.73 -0.53 36.85	-20.97 -0.34 34.58	-20.56 -0.60 39.50	6.33 -0.67 17.71	30.62 -0.29 0.00	27.81 0.00 0.00	5.78 -0.44 24.26	-21.24 -0.69 45.91	-11.90 -0.59 29.79	-14.76 -0.47 29.94
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.41 0.63 0.00	19.89 0.62 0.00	17.85 0.56 0.00	17.42 0.54 0.00	16.99 0.52 0.00	14.83 0.45 0.00	12.73 0.39 0.00	19.30 0.58 0.00	15.85 0.52 0.00	19.17 0.63 0.00	14.44 0.56 0.00	16.87 0.66 0.00	19.89 0.81 0.00	16.93 0.70 0.00	17.72 0.79 -0.28	14.63 0.68 0.00	20.54 1.01 0.00	26.02 1.31 0.00	32.48 1.56 0.00	29.14 1.33 0.00	31.91 1.43 0.00	26.61 1.24 0.00	19.32 0.84 0.00	16.34 0.69 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.54 0.75 0.00	20.01 0.75 0.00	17.96 0.67 0.00	17.54 0.67 0.00	17.09 0.62 0.00	14.91 0.54 0.00	12.81 0.47 0.00	19.42 0.70 0.00	15.95 0.63 0.00	19.33 0.79 0.00	14.59 0.71 0.00	17.02 0.81 0.00	20.05 0.98 0.00	17.11 0.88 0.00	17.91 0.98 -0.28	14.79 0.85 0.00	20.72 1.19 0.00	26.13 1.43 0.00	32.63 1.72 0.00	29.31 1.50 0.00	32.09 1.61 0.00	26.76 1.38 0.00	19.45 0.97 0.00	16.46 0.81 0.00
W50THST__13_KV_LOAD 356117	19.60 0.81 0.00	20.08 0.81 0.00	18.01 0.73 0.00	17.60 0.72 0.00	17.15 0.67 0.00	14.96 0.59 0.00	12.86 0.51 0.00	19.48 0.76 0.00	16.00 0.67 0.00	19.40 0.86 0.00	14.65 0.77 0.00	17.10 0.89 0.00	20.14 1.06 0.00	17.19 0.96 0.00	18.00 1.06 -0.28	14.86 0.92 0.00	20.82 1.29 0.00	26.24 1.53 0.00	32.76 1.85 0.00	29.42 1.61 0.00	32.21 1.73 0.00	26.85 1.48 0.00	19.52 1.04 0.00	16.52 0.87 0.00
WADING RIVER_IC_1 23522	25.59 1.25 -5.55	20.37 1.11 0.00	18.32 1.04 0.00	17.82 0.94 0.00	17.37 0.89 0.00	15.18 0.81 0.00	13.05 0.70 0.00	19.80 1.08 0.00	16.24 0.91 0.00	19.54 1.00 0.00	14.77 0.89 0.00	17.22 1.02 0.00	20.22 1.15 0.00	17.21 0.98 0.00	18.13 1.20 -0.29	15.03 1.08 0.00	21.07 1.54 0.00	26.62 1.91 0.00	33.28 2.37 0.00	29.96 2.15 0.00	32.86 2.38 0.00	27.34 1.96 0.00	19.80 1.32 0.00	16.71 1.06 0.00
WADING RIVER_IC_2 23547	25.59 1.25 -5.55	20.37 1.11 0.00	18.32 1.04 0.00	17.82 0.94 0.00	17.37 0.89 0.00	15.18 0.81 0.00	13.05 0.70 0.00	19.80 1.08 0.00	16.24 0.91 0.00	19.54 1.00 0.00	14.77 0.89 0.00	17.22 1.02 0.00	20.22 1.15 0.00	17.21 0.98 0.00	18.13 1.20 -0.29	15.03 1.08 0.00	21.07 1.54 0.00	26.62 1.91 0.00	33.28 2.37 0.00	29.96 2.15 0.00	32.86 2.38 0.00	27.34 1.96 0.00	19.80 1.32 0.00	16.71 1.06 0.00
WADING RIVER_IC_3 23601	25.59 1.25 -5.55	20.37 1.11 0.00	18.32 1.04 0.00	17.82 0.94 0.00	17.37 0.89 0.00	15.18 0.81 0.00	13.05 0.70 0.00	19.80 1.08 0.00	16.24 0.91 0.00	19.54 1.00 0.00	14.77 0.89 0.00	17.22 1.02 0.00	20.22 1.15 0.00	17.21 0.98 0.00	18.13 1.20 -0.29	15.03 1.08 0.00	21.07 1.54 0.00	26.62 1.91 0.00	33.28 2.37 0.00	29.96 2.15 0.00	32.86 2.38 0.00	27.34 1.96 0.00	19.80 1.32 0.00	16.71 1.06 0.00
WALDENNY_12_KV_BK2 80841	16.40 -1.43 0.96	17.82 -1.45 0.00	14.99 -1.36 0.94	14.70 -1.34 0.84	15.18 -1.29 0.00	13.25 -1.13 0.00	11.38 -0.96 0.00	17.26 -1.46 0.00	14.01 -1.32 0.00	17.12 -1.42 0.00	12.87 -1.01 0.00	15.02 -1.19 0.00	17.10 -1.45 0.53	12.47 -1.16 2.61	12.77 -1.33 2.55	12.42 -1.08 0.44	17.26 -1.67 0.60	22.69 -2.02 0.00	28.25 -2.66 0.00	22.13 -2.29 3.39	27.87 -2.56 0.05	23.04 -2.34 0.00	15.95 -1.71 0.82	12.57 -1.58 1.49
WALDEN__HYDRO 24148	19.40 0.61 0.00	19.87 0.60 0.00	17.84 0.55 0.00	17.41 0.54 0.00	16.98 0.51 0.00	14.82 0.44 0.00	12.73 0.39 0.00	19.29 0.57 0.00	15.83 0.50 0.00	19.14 0.60 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.81 0.74 0.00	16.87 0.64 0.00	17.26 0.72 0.11	14.57 0.62 0.00	20.44 0.92 0.00	25.91 1.20 0.00	32.37 1.46 0.00	29.10 1.29 0.00	31.88 1.39 0.00	26.57 1.20 0.00	19.29 0.80 0.00	16.31 0.66 0.00
WARRENSBURG____ 23737	20.07 1.29 0.00	20.52 1.25 0.00	18.41 1.13 0.00	17.97 1.10 0.00	17.53 1.06 0.00	15.27 0.90 0.00	13.14 0.80 0.00	19.96 1.24 0.00	16.32 0.99 0.00	19.65 1.11 0.00	14.60 0.72 0.00	17.08 0.87 0.00	20.02 0.94 0.00	17.02 0.79 0.00	17.51 0.86 0.00	14.65 0.70 0.00	20.67 1.14 0.00	26.24 1.52 0.00	33.02 2.10 0.00	29.57 1.76 0.00	32.73 2.24 0.00	27.08 1.71 0.00	19.71 1.23 0.00	16.69 1.04 0.00
WATERSIDE____6 8 9 23538	19.60 0.81 0.00	20.09 0.82 0.00	18.03 0.74 -0.01	17.62 0.74 0.00	17.17 0.69 0.00	14.97 0.60 0.00	12.86 0.51 0.00	19.47 0.75 0.00	16.01 0.67 -0.01	19.40 0.85 0.00	14.64 0.75 0.00	17.08 0.87 0.00	20.11 1.03 0.00	17.17 0.94 0.00	17.97 1.04 -0.28	14.83 0.89 0.00	20.76 1.23 0.00	23.32 1.48 2.87	31.34 1.76 1.33	27.50 1.54 1.85	30.85 1.67 1.30	24.18 1.43 2.62	18.11 1.02 1.39	16.51 0.86 -0.01
WATKINRD_115KV_LN8_ILLION 55919	18.89 0.10 0.00	19.36 0.09 0.00	17.42 0.14 0.00	17.03 0.16 0.00	16.61 0.14 0.00	14.48 0.11 0.00	12.46 0.11 0.00	18.85 0.12 0.00	15.37 0.04 0.00	18.52 -0.02 0.00	14.76 0.02 -0.86	18.02 0.00 -1.81	20.68 0.06 -1.54	18.03 -0.01 -1.82	18.50 0.02 -1.83	15.72 0.03 -1.74	21.64 0.20 -1.92	25.48 0.26 -0.51	31.23 0.31 0.00	28.14 0.33 0.00	30.87 0.38 0.00	25.70 0.32 0.00	18.68 0.21 0.00	15.81 0.16 0.00
WATSON____69_KV_BK 1 55734	25.75 1.41 -5.55	20.62 1.36 0.00	18.47 1.18 0.00	17.97 1.09 0.00	17.51 1.04 0.00	15.29 0.92 0.00	13.13 0.79 0.00	19.93 1.21 0.00	16.36 1.03 0.00	19.70 1.16 0.00	14.88 1.00 0.00	17.36 1.15 0.00	20.39 1.32 0.00	17.36 1.13 0.00	18.29 1.36 -0.29	15.15 1.20 0.00	21.23 1.71 0.00	26.90 2.19 0.00	33.62 2.71 0.00	30.26 2.46 0.00	33.16 2.68 0.00	27.59 2.22 0.00	19.98 1.50 0.00	16.86 1.21 0.00
WDELAWARE__HYD 323627	18.89 0.10 0.00	19.33 0.07 0.00	17.35 0.06 0.00	16.93 0.06 0.00	16.52 0.04 0.00	14.42 0.04 0.00	12.40 0.05 0.00	18.78 0.06 0.00	15.40 0.07 0.00	18.60 0.06 0.00	13.97 0.09 0.00	16.30 0.09 0.00	19.20 0.12 0.00	16.35 0.12 0.00	16.83 0.18 0.00	14.11 0.17 0.00	19.85 0.32 0.00	25.20 0.49 0.00	31.57 0.66 0.00	28.41 0.60 0.00	31.12 0.64 0.00	25.93 0.56 0.00	18.80 0.32 0.00	15.89 0.24 0.00

WEST BABYLON___IC 23714	25.67 1.34 -5.55	20.56 1.30 0.00	18.42 1.13 0.00	17.92 1.04 0.00	17.47 0.99 0.00	15.24 0.87 0.00	13.09 0.75 0.00	19.87 1.15 0.00	16.31 0.98 0.00	19.64 1.10 0.00	14.83 0.95 0.00	17.31 1.10 0.00	20.34 1.26 0.00	17.31 1.08 0.00	18.23 1.30 -0.29	15.09 1.15 0.00	21.14 1.61 0.00	26.78 2.07 0.00	33.47 2.56 0.00	30.13 2.32 0.00	33.02 2.54 0.00	27.50 2.12 0.00	19.92 1.44 0.00	16.82 1.17 0.00
WEST CANADA___HYD 24049	18.82 0.04 0.00	19.30 0.04 0.00	17.32 0.04 0.00	16.91 0.04 0.00	16.51 0.04 0.00	14.40 0.02 0.00	12.37 0.02 0.00	18.76 0.04 0.00	15.36 0.03 0.00	18.58 0.04 0.00	14.76 0.02 -0.86	18.04 0.01 -1.81	20.65 0.03 -1.54	18.07 0.02 -1.82	18.52 0.04 -1.83	15.72 0.03 -1.74	21.51 0.05 -1.92	25.28 0.05 -0.51	30.95 0.04 0.00	27.85 0.04 0.00	30.54 0.06 0.00	25.42 0.05 0.00	18.52 0.04 0.00	15.68 0.03 0.00
WESTERN_NY_WIND 24143	16.86 -1.17 0.75	18.04 -1.22 0.00	15.39 -1.15 0.74	15.06 -1.16 0.66	15.35 -1.13 0.00	13.39 -0.98 0.00	11.51 -0.83 0.00	17.49 -1.24 0.00	14.14 -1.19 0.00	17.17 -1.38 0.00	12.91 -0.97 0.00	15.09 -1.12 0.00	17.27 -1.39 0.42	13.06 -1.12 2.05	13.41 -1.23 2.00	12.61 -0.98 0.35	17.60 -1.46 0.47	22.93 -1.78 0.00	28.62 -2.30 0.00	23.32 -1.82 2.67	28.37 -2.06 0.04	23.44 -1.94 0.00	16.41 -1.44 0.64	13.10 -1.36 1.18
WESTOVER___LESR 323668	18.57 -0.21 0.00	19.05 -0.21 0.00	17.06 -0.23 0.00	16.69 -0.18 0.00	16.30 -0.17 0.00	14.24 -0.14 0.00	12.26 -0.08 0.00	18.57 -0.15 0.00	15.18 -0.15 0.00	18.37 -0.18 0.00	13.74 -0.14 0.00	16.06 -0.15 0.00	18.89 -0.19 0.00	16.03 -0.20 0.00	16.41 -0.24 0.00	13.78 -0.16 0.00	19.25 -0.22 0.06	24.53 -0.18 0.00	30.60 -0.31 0.00	26.04 -0.27 1.51	30.23 -0.23 0.02	25.12 -0.25 0.00	17.90 -0.22 0.36	14.79 -0.20 0.66
WETHRSFD_WT_PWR 323626	15.80 -1.68 1.31	17.63 -1.63 0.00	14.48 -1.52 1.29	14.37 -1.36 1.15	15.24 -1.24 0.00	13.30 -1.07 0.00	11.38 -0.97 0.00	17.16 -1.56 0.00	13.94 -1.39 0.00	16.89 -1.65 0.00	12.60 -1.28 0.00	14.71 -1.50 0.00	16.55 -1.80 0.72	11.16 -1.50 3.57	11.52 -1.64 3.49	12.01 -1.33 0.61	16.75 -1.97 0.81	22.37 -2.35 0.00	27.89 -3.02 0.00	20.87 -2.49 4.44	27.72 -2.69 0.07	22.98 -2.39 0.00	15.64 -1.77 1.07	12.10 -1.60 1.95
WHAVSTOR_138KV_BK127 55557	19.35 0.57 0.00	19.83 0.56 0.00	17.79 0.51 0.00	17.36 0.49 0.00	16.94 0.47 0.00	14.78 0.41 0.00	12.70 0.35 0.00	19.24 0.51 0.00	15.80 0.47 0.00	19.12 0.58 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.82 0.74 0.00	16.88 0.65 0.00	17.74 0.74 -0.36	14.58 0.63 0.00	20.46 0.93 0.00	25.91 1.20 0.00	32.34 1.43 0.00	29.03 1.22 0.00	31.78 1.30 0.00	26.51 1.14 0.00	19.25 0.77 0.00	16.29 0.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.35 0.57 0.00	19.83 0.56 0.00	17.79 0.51 0.00	17.36 0.49 0.00	16.94 0.47 0.00	14.78 0.41 0.00	12.70 0.35 0.00	19.24 0.51 0.00	15.80 0.47 0.00	19.12 0.58 0.00	14.40 0.52 0.00	16.81 0.60 0.00	19.82 0.74 0.00	16.88 0.65 0.00	17.74 0.74 -0.36	14.58 0.63 0.00	20.46 0.93 0.00	25.91 1.20 0.00	32.34 1.43 0.00	29.03 1.22 0.00	31.78 1.30 0.00	26.51 1.14 0.00	19.25 0.77 0.00	16.29 0.64 0.00
WHITEHAL_115KV_TB1 80871	20.60 1.81 0.00	20.94 1.67 0.00	18.72 1.43 0.00	18.27 1.39 0.00	17.81 1.33 0.00	15.48 1.11 0.00	13.37 1.03 0.00	20.34 1.62 0.00	16.64 1.30 0.00	19.96 1.42 0.00	14.81 0.93 0.00	17.33 1.12 0.00	20.34 1.26 0.00	17.30 1.07 0.00	17.80 1.15 0.00	14.90 0.96 0.00	21.16 1.64 0.00	26.97 2.26 0.00	33.67 2.76 0.00	30.22 2.41 0.00	33.30 2.82 0.00	27.58 2.21 0.00	19.92 1.44 0.00	16.91 1.26 0.00
WHITEPLN_13_KV_LOAD 356215	19.67 0.89 0.00	20.15 0.88 0.00	18.08 0.79 0.00	17.65 0.78 0.00	17.21 0.73 0.00	15.01 0.64 0.00	12.90 0.55 0.00	19.55 0.83 0.00	16.06 0.73 0.00	19.44 0.90 0.00	14.65 0.77 0.00	17.10 0.89 0.00	20.15 1.07 0.00	17.18 0.95 0.00	18.01 1.06 -0.30	14.86 0.91 0.00	20.82 1.29 0.00	26.35 1.64 0.00	32.89 1.98 0.00	29.54 1.73 0.00	32.36 1.88 0.00	26.95 1.58 0.00	19.58 1.10 0.00	16.56 0.91 0.00
WM_FLOYD_69_KV_BK2 356380	25.63 1.30 -5.55	20.46 1.19 0.00	18.36 1.08 0.00	17.87 0.99 0.00	17.41 0.94 0.00	15.21 0.84 0.00	13.07 0.73 0.00	19.84 1.12 0.00	16.26 0.94 0.00	19.57 1.03 0.00	14.78 0.90 0.00	17.23 1.02 0.00	20.23 1.16 0.00	17.22 0.99 0.00	18.15 1.22 -0.29	15.04 1.10 0.00	21.09 1.57 0.00	26.67 1.96 0.00	33.34 2.43 0.00	30.02 2.21 0.00	32.92 2.44 0.00	27.40 2.03 0.00	19.85 1.37 0.00	16.76 1.11 0.00
WOODARD___115KV_TB2 355635	18.55 -0.24 0.00	19.01 -0.26 0.00	17.04 -0.24 0.00	16.64 -0.24 0.00	16.25 -0.23 0.00	14.17 -0.20 0.00	12.18 -0.16 0.00	18.48 -0.24 0.00	15.10 -0.23 0.00	18.26 -0.28 0.00	13.67 -0.21 0.00	15.98 -0.22 0.00	18.80 -0.28 0.00	16.00 -0.23 0.00	16.37 -0.28 0.00	13.70 -0.24 0.00	19.18 -0.34 0.00	24.27 -0.45 0.00	30.32 -0.59 0.00	27.32 -0.49 0.00	29.95 -0.53 0.00	24.88 -0.49 0.00	18.14 -0.34 0.00	15.35 -0.30 0.00
YORK___WARBASSE 23770	19.67 0.88 0.00	20.16 0.89 0.00	18.09 0.79 -0.01	17.67 0.79 0.00	17.22 0.74 0.00	15.01 0.63 0.00	12.89 0.55 0.00	19.53 0.81 0.00	16.07 0.73 -0.01	19.47 0.92 0.00	14.68 0.80 0.00	17.13 0.92 0.00	20.19 1.11 0.00	17.23 1.00 0.00	18.03 1.10 -0.28	14.90 0.95 0.00	20.86 1.32 -0.01	40.38 1.57 -14.11	39.32 1.87 -6.54	38.51 1.64 -9.07	38.65 1.78 -6.38	39.79 1.53 -12.89	26.45 1.10 -6.88	16.57 0.92 -0.01