

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

10/31/2024

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	15.28	16.85	14.33	18.71	18.78	22.52	24.32	30.55	25.10	24.46	26.32	25.86	23.94	24.72	24.10	27.56	35.31	42.92	41.49	33.40	25.32	24.60	23.90	21.25
24138	1.01	1.03	0.79	1.01	0.92	1.17	1.27	1.81	1.62	1.65	2.06	2.10	1.99	2.07	2.15	2.35	2.94	3.30	3.11	2.54	1.88	1.78	1.71	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36
74TH STREET_GT_1	15.32	16.89	14.36	18.76	18.83	22.58	24.37	30.61	25.13	24.48	26.36	25.90	23.95	24.73	24.12	27.56	35.33	42.93	41.54	33.46	25.36	24.64	23.96	21.30
24260	1.05	1.06	0.83	1.06	0.97	1.23	1.32	1.88	1.66	1.68	2.10	2.14	2.00	2.09	2.17	2.35	2.96	3.31	3.16	2.60	1.92	1.83	1.78	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36
74TH STREET_GT_2	15.32	16.89	14.36	18.76	18.83	22.58	24.37	30.61	25.13	24.48	26.36	25.90	23.95	24.73	24.12	27.56	35.33	42.93	41.54	33.46	25.36	24.64	23.96	21.30
24261	1.05	1.06	0.83	1.06	0.97	1.23	1.32	1.88	1.66	1.68	2.10	2.14	2.00	2.09	2.17	2.35	2.96	3.31	3.16	2.60	1.92	1.83	1.78	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36
ADK HUDSON___FALLS	15.15	16.67	14.24	18.61	18.77	22.55	24.40	30.54	24.96	30.40	25.42	24.80	22.76	23.50	22.94	26.61	34.15	42.01	40.72	32.63	24.84	24.17	23.54	23.85
24011	0.82	0.84	0.71	0.91	0.91	1.18	1.35	1.81	1.48	1.28	1.15	1.05	0.81	0.86	0.99	1.40	1.78	2.40	2.34	1.78	1.40	1.36	1.35	1.18
	-0.05	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	-7.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.28
ADK RESOURCE___RCVRY	15.20	16.71	14.31	18.69	18.86	22.68	24.54	30.69	25.10	30.37	25.48	24.85	22.75	23.50	22.96	26.71	34.23	42.14	40.86	32.71	24.92	24.26	23.64	23.89
23798	0.87	0.89	0.78	0.99	1.00	1.31	1.48	1.95	1.63	1.42	1.22	1.10	0.80	0.85	1.02	1.50	1.87	2.52	2.49	1.86	1.48	1.44	1.45	1.29
	-0.05	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	-6.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.21
ADK S GLENS___FALLS	15.15	16.67	14.24	18.61	18.77	22.55	24.40	30.54	24.96	30.40	25.42	24.80	22.76	23.50	22.94	26.61	34.15	42.01	40.72	32.63	24.84	24.17	23.54	23.85
24028	0.82	0.84	0.71	0.91	0.91	1.18	1.35	1.81	1.48	1.28	1.15	1.05	0.81	0.86	0.99	1.40	1.78	2.40	2.34	1.78	1.40	1.36	1.35	1.18
	-0.05	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	-7.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.28
ADK_NYS___DAM	15.29	16.79	14.29	18.67	18.79	22.60	24.34	30.49	24.95	34.41	25.64	25.02	22.99	23.77	23.22	26.79	34.11	41.90	40.56	32.61	24.95	24.29	23.63	25.54
23527	0.93	0.96	0.76	0.97	0.94	1.22	1.29	1.75	1.48	1.37	1.38	1.26	1.04	1.13	1.27	1.57	1.74	2.28	2.19	1.75	1.51	1.48	1.44	1.30
	-0.08	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	-10.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.85
AIR_PRODUCTS___DRP	14.50	16.15	13.77	17.99	18.11	21.63	23.39	29.12	23.73	10.36	24.67	24.18	22.35	23.09	22.47	25.77	33.05	40.48	39.20	31.50	23.96	23.30	22.61	14.43
24190	0.31	0.33	0.23	0.29	0.25	0.31	0.34	0.38	0.25	0.35	0.41	0.42	0.40	0.45	0.53	0.56	0.69	0.86	0.82	0.64	0.52	0.48	0.43	0.44
	0.09	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.40
AKWESSNE_115KV_BK	-22.81	-22.49	-19.82	8.90	15.46	20.09	22.48	28.83	23.47	21.60	24.20	23.71	21.87	15.25	1.41	16.96	-13.22	34.08	36.79	27.97	21.88	19.92	19.35	16.75
355683	-0.13	-0.13	-0.04	0.00	0.05	0.08	0.10	0.10	0.00	-0.05	-0.06	-0.04	-0.08	-0.10	-0.20	-0.21	-0.23	-0.32	-0.27	-0.19	-0.15	-0.13	-0.10	-0.09
	36.95	38.19	33.32	8.80	2.45	1.35	0.67	0.00	0.00	0.46	0.00	0.00	0.00	7.29	20.34	8.05	45.35	5.22	1.32	2.69	1.42	2.76	2.73	2.55
ALBANY_1_SOLAR	14.78	16.46	14.05	18.35	18.47	22.10	23.91	29.81	24.24	11.59	24.84	24.38	22.53	23.28	22.57	25.96	33.53	41.24	39.98	32.12	24.44	23.77	23.07	14.85
323833	0.59	0.64	0.51	0.65	0.61	0.78	0.86	1.07	0.77	0.61	0.58	0.62	0.58	0.64	0.63	0.75	1.16	1.62	1.60	1.27	1.00	0.95	0.89	0.80
	0.09	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	11.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.35
ALBANY_2_SOLAR	14.78	16.46	14.04	18.35	18.46	22.09	23.91	29.80	24.24	11.60	24.83	24.37	22.52	23.28	22.57	25.96	33.52	41.23	39.95	32.11	24.43	23.75	23.05	14.85
323834	0.59	0.63	0.51	0.65	0.61	0.77	0.85	1.06	0.77	0.61	0.57	0.62	0.57	0.63	0.63	0.75	1.15	1.61	1.58	1.26	0.99	0.94	0.88	0.80
	0.09	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	11.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.34
ALBANY___1	14.50	16.15	13.77	17.99	18.11	21.63	23.39	29.12	23.73	10.36	24.67	24.18	22.35	23.09	22.47	25.77	33.05	40.48	39.20	31.50	23.96	23.30	22.61	14.43
23571	0.31	0.33	0.23	0.29	0.25	0.31	0.34	0.38	0.25	0.35	0.41	0.42	0.40	0.45	0.53	0.56	0.69	0.86	0.82	0.64	0.52	0.48	0.43	0.44
	0.09	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.40

ALBANY___2 23572	14.50 0.31 0.09	16.15 0.33 0.00	13.77 0.23 0.00	17.99 0.29 0.00	18.11 0.25 0.00	21.63 0.31 0.03	23.39 0.34 0.00	29.12 0.38 0.00	23.73 0.25 0.00	10.36 0.35 12.10	24.67 0.41 0.00	24.18 0.42 0.00	22.35 0.40 0.00	23.09 0.45 0.00	22.47 0.53 0.00	25.77 0.56 0.00	33.05 0.69 0.00	40.48 0.86 0.00	39.20 0.82 0.00	31.50 0.64 0.00	23.96 0.52 0.00	23.30 0.48 0.00	22.61 0.43 0.00	14.43 0.44 5.40
ALBANY___3 23573	14.50 0.31 0.09	16.15 0.33 0.00	13.77 0.23 0.00	17.99 0.29 0.00	18.11 0.25 0.00	21.63 0.31 0.03	23.39 0.34 0.00	29.12 0.38 0.00	23.73 0.25 0.00	10.36 0.35 12.10	24.67 0.41 0.00	24.18 0.42 0.00	22.35 0.40 0.00	23.09 0.45 0.00	22.47 0.53 0.00	25.77 0.56 0.00	33.05 0.69 0.00	40.48 0.86 0.00	39.20 0.82 0.00	31.50 0.64 0.00	23.96 0.52 0.00	23.30 0.48 0.00	22.61 0.43 0.00	14.43 0.44 5.40
ALBANY___4 23574	14.50 0.31 0.09	16.15 0.33 0.00	13.77 0.23 0.00	17.99 0.29 0.00	18.11 0.25 0.00	21.63 0.31 0.03	23.39 0.34 0.00	29.12 0.38 0.00	23.73 0.25 0.00	10.36 0.35 12.10	24.67 0.41 0.00	24.18 0.42 0.00	22.35 0.40 0.00	23.09 0.45 0.00	22.47 0.53 0.00	25.77 0.56 0.00	33.05 0.69 0.00	40.48 0.86 0.00	39.20 0.82 0.00	31.50 0.64 0.00	23.96 0.52 0.00	23.30 0.48 0.00	22.61 0.43 0.00	14.43 0.44 5.40
ALBANY___LFGE 323615	14.75 0.46 -0.02	16.30 0.48 0.00	13.89 0.36 0.00	18.15 0.45 0.00	18.27 0.41 0.00	21.88 0.52 -0.01	23.63 0.58 0.00	29.44 0.70 0.00	24.00 0.53 0.00	24.23 0.60 -1.53	24.92 0.66 0.00	24.42 0.67 0.00	22.57 0.62 0.00	23.32 0.68 0.00	22.70 0.76 0.00	26.07 0.86 0.00	33.45 1.08 0.00	40.97 1.35 0.00	39.66 1.28 0.00	31.86 1.01 0.00	24.23 0.79 0.00	23.56 0.74 0.00	22.86 0.67 0.00	21.38 0.64 -1.35
ALCOA_PA_115KV_PL-6C 55860	-22.76 -0.08 36.95	-22.44 -0.08 38.19	-19.78 0.01 33.32	8.96 0.07 8.80	15.52 0.12 2.45	20.16 0.16 1.35	22.56 0.18 0.67	28.93 0.20 0.00	23.55 0.08 0.00	21.68 0.03 0.46	24.28 0.02 0.00	23.79 0.03 0.00	21.95 0.00 0.00	15.32 -0.03 7.29	1.47 -0.13 20.34	17.04 -0.13 8.05	-13.12 -0.14 45.35	34.20 -0.20 5.22	36.89 -0.17 1.32	28.06 -0.10 2.69	21.94 -0.08 1.42	19.98 -0.07 2.76	19.42 -0.03 2.73	16.81 -0.03 2.55
ALCOA_RYNLDS___DRP 24188	-22.76 -0.08 36.95	-22.44 -0.08 38.19	-19.78 0.01 33.32	8.96 0.07 8.80	15.52 0.12 2.45	20.16 0.16 1.35	22.56 0.18 0.67	28.93 0.20 0.00	23.55 0.08 0.00	21.68 0.03 0.46	24.28 0.02 0.00	23.79 0.03 0.00	21.95 0.00 0.00	15.32 -0.03 7.29	1.47 -0.13 20.34	17.04 -0.13 8.05	-13.12 -0.14 45.35	34.20 -0.20 5.22	36.89 -0.17 1.32	28.06 -0.10 2.69	21.94 -0.08 1.42	19.98 -0.07 2.76	19.42 -0.03 2.73	16.81 -0.03 2.55
ALCOA___DSASP 323711	-22.76 -0.08 36.95	-22.44 -0.08 38.19	-19.78 0.01 33.32	8.96 0.06 8.80	15.52 0.12 2.45	20.16 0.16 1.35	22.56 0.18 0.67	28.93 0.20 0.00	23.55 0.08 0.00	21.68 0.03 0.46	24.28 0.01 0.00	23.79 0.03 0.00	21.95 0.00 0.00	15.32 -0.03 7.29	1.48 -0.13 20.34	17.04 -0.13 8.05	-13.12 -0.14 45.35	34.20 -0.20 5.22	36.90 -0.17 1.32	28.06 -0.10 2.69	21.94 -0.08 1.42	19.98 -0.07 2.76	19.42 -0.03 2.73	16.81 -0.03 2.55
ALLEGHENY___COGEN 23514	13.87 -0.33 0.08	15.47 -0.35 0.00	13.13 -0.40 0.00	17.16 -0.54 0.00	17.44 -0.42 0.00	20.86 -0.49 0.00	22.80 -0.25 0.00	28.52 -0.21 0.00	23.17 -0.31 0.00	31.22 -0.70 -9.81	53.39 -1.00 -30.13	39.43 -1.01 -16.69	21.15 -0.98 -0.18	44.71 -0.95 -23.02	48.81 -0.91 -27.77	50.30 -0.94 -26.02	70.04 -1.12 -38.79	84.70 -0.76 -45.85	84.43 -0.41 -46.46	73.71 -0.28 -43.13	61.68 -0.29 -38.52	47.14 -0.32 -24.64	21.87 -0.31 0.00	18.93 -0.45 0.00
ALTAMONT_115KV_TB 2 55880	14.65 0.42 0.05	16.26 0.44 0.00	13.87 0.34 0.00	18.12 0.42 0.00	18.24 0.39 0.00	21.80 0.47 0.02	23.56 0.51 0.00	29.43 0.70 0.00	24.04 0.57 0.00	16.39 0.55 6.26	24.87 0.60 0.00	24.34 0.59 0.00	22.48 0.53 0.00	23.21 0.57 0.00	22.59 0.64 0.00	25.94 0.73 0.00	33.31 0.94 0.00	40.80 1.18 0.00	39.52 1.15 0.00	31.76 0.91 0.00	24.15 0.71 0.00	23.49 0.68 0.00	22.81 0.63 0.00	17.08 0.57 2.88
ALTONA_WT_PWR 323606	-21.81 -0.48 35.61	-21.16 -0.59 36.39	-21.05 -0.41 34.17	-21.08 -0.57 38.21	-21.10 -0.54 38.41	-0.20 -0.47 21.08	12.03 -0.47 10.56	28.26 -0.48 0.00	23.10 -0.38 0.00	21.27 -0.42 0.42	23.79 -0.48 0.00	23.46 -0.29 0.00	21.39 -0.56 0.00	15.11 -0.77 6.75	1.64 -0.93 19.37	-12.97 -0.94 37.24	-20.90 -1.14 52.14	-21.10 -1.10 59.62	16.87 -0.90 20.61	-12.03 -0.81 42.07	0.65 -0.64 22.15	-21.08 -0.61 43.29	-21.09 -0.59 42.68	-21.10 -0.55 39.93
AMERICAN_REF_FUEL 24010	13.03 -1.19 0.05	14.58 -1.25 0.00	12.31 -1.23 0.00	16.04 -1.65 0.00	16.38 -1.48 0.00	19.52 -1.83 0.00	21.18 -1.87 0.00	26.26 -2.48 0.00	21.35 -2.12 0.00	17.85 -1.88 2.39	15.17 -1.77 7.33	17.78 -1.92 4.06	19.81 -2.10 0.04	15.30 -1.83 5.51	13.46 -1.84 6.65	16.93 -2.05 6.23	20.26 -2.87 9.24	25.32 -3.46 10.84	24.11 -3.31 10.95	18.21 -2.45 10.19	12.47 -1.94 9.03	15.09 -1.89 5.83	20.42 -1.76 0.00	17.59 -1.79 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.15 -1.06 0.06	14.72 -1.10 0.00	12.47 -1.06 0.00	16.29 -1.40 0.00	16.58 -1.27 0.00	19.76 -1.59 0.00	21.51 -1.55 0.00	26.81 -1.92 0.00	21.83 -1.64 0.00	18.33 -1.51 2.27	15.84 -1.46 6.96	18.42 -1.48 3.86	20.36 -1.55 0.04	16.00 -1.47 5.17	14.22 -1.49 6.24	17.64 -1.73 5.85	21.28 -2.38 8.71	26.68 -2.76 10.18	25.27 -2.85 10.26	18.92 -2.40 9.53	13.05 -1.89 8.50	15.63 -1.74 5.45	20.65 -1.53 0.00	17.82 -1.57 0.00
ARTHUR KILL_GT_1 23520	15.27 0.99 0.00	16.84 1.02 0.00	14.32 0.79 0.00	18.70 1.00 0.00	18.78 0.92 0.00	22.53 1.18 0.00	24.29 1.23 0.00	30.52 1.78 0.00	25.03 1.55 0.00	24.33 1.52 -0.70	26.16 1.90 0.00	25.68 1.93 0.00	23.76 1.80 0.00	24.50 1.86 0.00	23.89 1.94 0.00	27.29 2.08 0.00	35.04 2.67 0.00	42.48 2.86 0.00	41.26 2.88 0.00	33.43 2.57 0.00	25.32 1.88 0.00	24.58 1.76 0.00	23.95 1.77 0.00	21.31 1.57 -0.36
ARTHUR_KILL_2 23512	15.23 0.95 0.00	16.80 0.97 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.73 0.88 0.00	22.47 1.12 0.00	24.22 1.17 0.00	30.43 1.70 0.00	24.96 1.49 0.00	24.27 1.47 -0.70	26.10 1.84 0.00	25.61 1.86 0.00	23.69 1.74 0.00	24.44 1.80 0.00	23.82 1.87 0.00	27.22 2.01 0.00	34.94 2.57 0.00	42.35 2.73 0.00	41.14 2.76 0.00	33.33 2.47 0.00	25.24 1.80 0.00	24.50 1.69 0.00	23.87 1.69 0.00	21.25 1.51 -0.36
ARTHUR_KILL_3 23513	15.19 0.91 0.00	16.75 0.93 0.00	14.25 0.71 0.00	18.60 0.90 0.00	18.67 0.81 0.00	22.39 1.04 0.00	24.13 1.07 0.00	30.28 1.54 0.00	24.85 1.37 0.00	24.20 1.40 -0.70	26.04 1.78 0.00	25.58 1.83 0.00	23.67 1.72 0.00	24.44 1.80 0.00	23.83 1.88 0.00	27.23 2.02 0.00	34.90 2.54 0.00	42.40 2.78 0.00	41.04 2.66 0.00	33.08 2.23 0.00	25.09 1.64 0.00	24.39 1.57 0.00	23.71 1.53 0.00	21.12 1.38 -0.36

ARTHUR_KILL_COGEN 323718	15.27 0.99 0.00	16.84 1.02 0.00	14.32 0.79 0.00	18.70 1.00 0.00	18.78 0.92 0.00	22.53 1.18 0.00	24.29 1.23 0.00	30.52 1.78 0.00	25.03 1.55 0.00	24.33 1.52 -0.70	26.16 1.90 0.00	25.68 1.93 0.00	23.76 1.80 0.00	24.50 1.86 0.00	23.89 1.94 0.00	27.29 2.08 0.00	35.04 2.67 0.00	42.48 2.86 0.00	41.26 2.88 0.00	33.43 2.57 0.00	25.32 1.88 0.00	24.58 1.76 0.00	23.95 1.77 0.00	21.31 1.57 -0.36
ASHOKAN____ 23654	14.92 0.70 0.06	16.53 0.70 0.00	14.08 0.55 0.00	18.40 0.70 0.00	18.53 0.68 0.00	22.22 0.89 0.02	24.06 1.01 0.00	30.12 1.38 0.00	24.55 1.08 0.00	15.55 1.04 7.60	25.13 0.87 0.00	24.55 0.79 0.00	22.70 0.75 0.00	23.54 0.90 0.00	22.86 0.91 0.00	26.29 1.08 0.00	33.90 1.53 0.00	41.77 2.15 0.00	40.55 2.18 0.00	32.58 1.73 0.00	24.77 1.33 0.00	24.06 1.25 0.00	23.21 1.03 0.00	16.59 0.92 3.72
ASTORIA_EAST_ENERGY_CC1 323581	15.15 0.88 0.00	16.70 0.88 0.00	14.21 0.68 0.00	18.56 0.86 0.00	18.63 0.77 0.00	22.32 0.97 0.00	24.08 1.02 0.00	30.26 1.52 0.00	24.86 1.38 0.00	24.20 1.39 -0.70	26.05 1.79 0.00	25.58 1.82 0.00	23.68 1.72 0.00	24.44 1.80 0.00	23.82 1.87 0.00	27.16 1.95 0.00	34.85 2.48 0.00	42.28 2.66 0.00	40.99 2.62 0.00	33.03 2.18 0.00	25.05 1.61 0.00	24.32 1.50 0.00	23.67 1.49 0.00	21.12 1.37 -0.36
ASTORIA_EAST_ENERGY_CC2 323582	15.15 0.88 0.00	16.70 0.88 0.00	14.21 0.68 0.00	18.55 0.86 0.00	18.63 0.77 0.00	22.32 0.97 0.00	24.08 1.02 0.00	30.26 1.52 0.00	24.86 1.38 0.00	24.20 1.39 -0.70	26.05 1.79 0.00	25.58 1.82 0.00	23.68 1.72 0.00	24.43 1.79 0.00	23.82 1.87 0.00	27.16 1.95 0.00	34.85 2.48 0.00	42.28 2.66 0.00	40.99 2.62 0.00	33.03 2.18 0.00	25.05 1.61 0.00	24.32 1.50 0.00	23.67 1.49 0.00	21.11 1.37 -0.36
ASTORIA_GT2_1 24094	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36
ASTORIA_GT2_2 24095	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36
ASTORIA_GT2_3 24096	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36
ASTORIA_GT2_4 24097	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36
ASTORIA_GT3_1 24098	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36
ASTORIA_GT3_2 24099	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36
ASTORIA_GT3_3 24100	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36
ASTORIA_GT3_4 24101	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36
ASTORIA_GT4_1 24102	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36
ASTORIA_GT4_2 24103	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36
ASTORIA_GT4_3 24104	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36

ASTORIA_GT4_4 24105	15.16 0.89 0.00	16.71 0.88 0.00	14.22 0.69 0.00	18.56 0.86 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.38 0.00	24.21 1.41 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.80 0.00	23.83 1.88 0.00	27.17 1.95 0.00	34.86 2.49 0.00	42.30 2.68 0.00	41.02 2.65 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.52 0.00	23.68 1.50 0.00	21.12 1.37 -0.36
ASTORIA_GT_1 23523	15.18 0.90 0.00	16.73 0.91 0.00	14.24 0.70 0.00	18.59 0.89 0.00	18.66 0.80 0.00	22.36 1.01 0.00	24.12 1.07 0.00	30.33 1.59 0.00	24.91 1.43 0.00	24.25 1.45 -0.70	26.11 1.85 0.00	25.62 1.87 0.00	23.73 1.78 0.00	24.48 1.85 0.00	23.88 1.93 0.00	27.22 2.01 0.00	34.93 2.56 0.00	42.38 2.76 0.00	41.09 2.72 0.00	33.11 2.26 0.00	25.11 1.66 0.00	24.37 1.55 0.00	23.72 1.54 0.00	21.16 1.41 -0.36
ASTORIA_GT_10 24110	15.23 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.72 0.87 0.00	22.44 1.09 0.00	24.22 1.16 0.00	30.40 1.67 0.00	24.98 1.50 0.00	24.33 1.52 -0.70	26.17 1.91 0.00	25.70 1.95 0.00	23.80 1.85 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.34 2.12 0.00	35.01 2.64 0.00	42.52 2.90 0.00	41.20 2.82 0.00	33.20 2.35 0.00	25.18 1.74 0.00	24.47 1.65 0.00	23.79 1.61 0.00	21.17 1.42 -0.36
ASTORIA_GT_11 24225	15.23 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.72 0.87 0.00	22.44 1.09 0.00	24.22 1.16 0.00	30.40 1.67 0.00	24.98 1.50 0.00	24.33 1.52 -0.70	26.17 1.91 0.00	25.70 1.95 0.00	23.80 1.85 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.34 2.12 0.00	35.01 2.64 0.00	42.52 2.90 0.00	41.20 2.82 0.00	33.20 2.35 0.00	25.18 1.74 0.00	24.47 1.65 0.00	23.79 1.61 0.00	21.17 1.42 -0.36
ASTORIA_GT_12 24226	15.23 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.72 0.87 0.00	22.44 1.09 0.00	24.22 1.16 0.00	30.40 1.67 0.00	24.98 1.50 0.00	24.33 1.52 -0.70	26.17 1.91 0.00	25.70 1.95 0.00	23.80 1.85 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.34 2.12 0.00	35.01 2.64 0.00	42.52 2.90 0.00	41.20 2.82 0.00	33.20 2.35 0.00	25.18 1.74 0.00	24.47 1.65 0.00	23.79 1.61 0.00	21.17 1.42 -0.36
ASTORIA_GT_13 24227	15.23 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.72 0.87 0.00	22.44 1.09 0.00	24.22 1.16 0.00	30.40 1.67 0.00	24.98 1.50 0.00	24.33 1.52 -0.70	26.17 1.91 0.00	25.70 1.95 0.00	23.80 1.85 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.34 2.12 0.00	35.01 2.64 0.00	42.52 2.90 0.00	41.20 2.82 0.00	33.20 2.35 0.00	25.18 1.74 0.00	24.47 1.65 0.00	23.79 1.61 0.00	21.17 1.42 -0.36
ASTORIA_GT_5 24106	15.18 0.90 0.00	16.73 0.91 0.00	14.24 0.70 0.00	18.58 0.89 0.00	18.66 0.80 0.00	22.36 1.01 0.00	24.12 1.07 0.00	30.33 1.59 0.00	24.90 1.43 0.00	24.26 1.45 -0.70	26.14 1.88 0.00	25.67 1.91 0.00	23.73 1.77 0.00	24.49 1.85 0.00	23.88 1.93 0.00	27.22 2.01 0.00	34.93 2.56 0.00	42.38 2.77 0.00	41.09 2.72 0.00	33.11 2.26 0.00	25.10 1.66 0.00	24.37 1.56 0.00	23.72 1.54 0.00	21.15 1.41 -0.36
ASTORIA_GT_7 24107	15.18 0.90 0.00	16.73 0.91 0.00	14.24 0.70 0.00	18.58 0.89 0.00	18.66 0.80 0.00	22.36 1.01 0.00	24.12 1.07 0.00	30.33 1.59 0.00	24.90 1.43 0.00	24.26 1.45 -0.70	26.14 1.88 0.00	25.67 1.91 0.00	23.73 1.77 0.00	24.49 1.85 0.00	23.88 1.93 0.00	27.22 2.01 0.00	34.93 2.56 0.00	42.38 2.77 0.00	41.09 2.72 0.00	33.11 2.26 0.00	25.10 1.66 0.00	24.37 1.56 0.00	23.72 1.54 0.00	21.15 1.41 -0.36
ASTORIA_GT_8 24108	15.18 0.90 0.00	16.73 0.91 0.00	14.24 0.70 0.00	18.58 0.89 0.00	18.66 0.80 0.00	22.36 1.01 0.00	24.12 1.07 0.00	30.33 1.59 0.00	24.90 1.43 0.00	24.26 1.45 -0.70	26.14 1.88 0.00	25.67 1.91 0.00	23.73 1.77 0.00	24.49 1.85 0.00	23.88 1.93 0.00	27.22 2.01 0.00	34.93 2.56 0.00	42.38 2.77 0.00	41.09 2.72 0.00	33.11 2.26 0.00	25.10 1.66 0.00	24.37 1.56 0.00	23.72 1.54 0.00	21.15 1.41 -0.36
ASTORIA___2 24149	15.16 0.89 0.00	16.71 0.89 0.00	14.22 0.69 0.00	18.56 0.87 0.00	18.64 0.78 0.00	22.33 0.98 0.00	24.09 1.03 0.00	30.28 1.54 0.00	24.86 1.39 0.00	24.21 1.41 -0.70	26.07 1.80 0.00	25.58 1.82 0.00	23.69 1.73 0.00	24.44 1.80 0.00	23.83 1.89 0.00	27.17 1.96 0.00	34.86 2.50 0.00	42.30 2.68 0.00	41.01 2.64 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.33 1.51 0.00	23.69 1.50 0.00	21.12 1.37 -0.36
ASTORIA___3 23516	15.24 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.73 0.87 0.00	22.44 1.10 0.00	24.21 1.16 0.00	30.40 1.67 0.00	24.98 1.50 0.00	24.33 1.52 -0.70	26.16 1.89 0.00	25.68 1.93 0.00	23.79 1.84 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.52 2.90 0.00	41.20 2.82 0.00	33.20 2.35 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.79 1.61 0.00	21.17 1.43 -0.36
ASTORIA___4 23517	15.23 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.72 0.87 0.00	22.44 1.09 0.00	24.22 1.16 0.00	30.40 1.67 0.00	24.98 1.50 0.00	24.33 1.52 -0.70	26.17 1.91 0.00	25.70 1.95 0.00	23.80 1.85 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.34 2.12 0.00	35.01 2.64 0.00	42.52 2.90 0.00	41.20 2.82 0.00	33.20 2.35 0.00	25.18 1.74 0.00	24.47 1.65 0.00	23.79 1.61 0.00	21.17 1.42 -0.36
ASTORIA___5 23518	15.24 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.73 0.87 0.00	22.44 1.10 0.00	24.21 1.16 0.00	30.40 1.67 0.00	24.98 1.50 0.00	24.33 1.52 -0.70	26.16 1.89 0.00	25.68 1.93 0.00	23.79 1.84 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.52 2.90 0.00	41.20 2.82 0.00	33.20 2.35 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.79 1.61 0.00	21.17 1.43 -0.36
AST_ENERGY_2_CC3 323677	15.22 0.94 0.00	16.78 0.95 0.00	14.27 0.73 0.00	18.63 0.93 0.00	18.70 0.84 0.00	22.42 1.07 0.00	24.15 1.10 0.00	30.33 1.59 0.00	24.89 1.42 0.00	24.25 1.45 -0.70	26.10 1.84 0.00	25.64 1.89 0.00	23.75 1.80 0.00	24.50 1.86 0.00	23.90 1.95 0.00	27.30 2.09 0.00	34.98 2.61 0.00	42.51 2.89 0.00	41.13 2.75 0.00	33.14 2.29 0.00	25.15 1.71 0.00	24.43 1.62 0.00	23.75 1.57 0.00	21.14 1.40 -0.36
AST_ENERGY_2_CC4 323678	15.22 0.94 0.00	16.78 0.95 0.00	14.27 0.73 0.00	18.63 0.93 0.00	18.70 0.84 0.00	22.42 1.07 0.00	24.15 1.10 0.00	30.33 1.59 0.00	24.89 1.42 0.00	24.25 1.45 -0.70	26.10 1.84 0.00	25.64 1.89 0.00	23.75 1.80 0.00	24.50 1.86 0.00	23.90 1.95 0.00	27.30 2.09 0.00	34.98 2.61 0.00	42.51 2.89 0.00	41.13 2.75 0.00	33.14 2.29 0.00	25.15 1.71 0.00	24.43 1.62 0.00	23.75 1.57 0.00	21.14 1.40 -0.36

ATHENS_STG_1 23668	14.76 0.48 0.00	16.33 0.50 0.00	13.91 0.38 0.00	18.18 0.48 0.00	18.27 0.41 0.00	21.83 0.48 0.00	23.55 0.50 0.00	29.47 0.73 0.00	24.12 0.65 0.00	22.77 0.66 0.00	25.06 0.79 0.00	24.55 0.80 0.00	22.69 0.74 0.00	23.43 0.79 0.00	22.81 0.86 0.00	26.17 0.96 0.00	33.58 1.21 0.00	41.01 1.39 0.00	39.71 1.33 0.00	31.92 1.07 0.00	24.25 0.81 0.00	23.59 0.78 0.00	22.87 0.69 0.00	20.02 0.64 0.00
ATHENS_STG_2 23670	14.76 0.48 0.00	16.33 0.50 0.00	13.91 0.38 0.00	18.18 0.48 0.00	18.27 0.41 0.00	21.83 0.48 0.00	23.55 0.50 0.00	29.47 0.73 0.00	24.12 0.65 0.00	22.77 0.66 0.00	25.06 0.79 0.00	24.55 0.80 0.00	22.69 0.74 0.00	23.43 0.79 0.00	22.81 0.86 0.00	26.17 0.96 0.00	33.58 1.21 0.00	41.01 1.39 0.00	39.71 1.33 0.00	31.92 1.07 0.00	24.25 0.81 0.00	23.59 0.78 0.00	22.87 0.69 0.00	20.02 0.64 0.00
ATHENS_STG_3 23677	14.76 0.48 0.00	16.33 0.50 0.00	13.91 0.38 0.00	18.18 0.48 0.00	18.27 0.41 0.00	21.83 0.48 0.00	23.55 0.50 0.00	29.47 0.73 0.00	24.12 0.65 0.00	22.77 0.66 0.00	25.06 0.79 0.00	24.55 0.80 0.00	22.69 0.74 0.00	23.43 0.79 0.00	22.81 0.86 0.00	26.17 0.96 0.00	33.58 1.21 0.00	41.01 1.39 0.00	39.71 1.33 0.00	31.92 1.07 0.00	24.25 0.81 0.00	23.59 0.78 0.00	22.87 0.69 0.00	20.02 0.64 0.00
AUBURN___LFGE 323710	14.08 -0.18 0.02	15.63 -0.19 0.00	13.33 -0.20 0.00	17.42 -0.28 0.00	17.61 -0.25 0.00	21.06 -0.30 0.00	22.80 -0.25 0.00	28.40 -0.33 0.00	23.19 -0.29 0.00	21.79 -0.31 0.00	23.84 -0.42 0.00	23.30 -0.45 0.00	21.58 -0.37 0.00	22.30 -0.33 0.00	21.62 -0.32 0.00	24.89 -0.32 0.00	32.05 -0.32 0.00	39.24 -0.38 0.00	38.02 -0.36 0.00	30.57 -0.29 0.00	23.19 -0.25 0.00	22.56 -0.25 0.00	21.96 -0.23 0.00	19.13 -0.26 0.00
BABYLON_RES_REC 323704	15.32 1.05 0.00	16.84 1.02 0.00	14.28 0.75 0.00	18.68 0.98 0.00	18.69 0.83 0.00	22.38 1.03 0.00	24.16 1.11 0.00	30.31 1.57 0.00	24.90 1.43 0.00	24.22 1.42 -0.70	26.33 2.07 0.00	25.78 2.03 0.00	23.66 1.71 0.00	24.38 1.74 0.00	23.60 1.65 0.00	26.81 1.60 0.00	20.50 1.94 13.81	30.18 1.95 11.40	40.43 2.05 0.00	32.67 1.82 0.00	24.95 1.51 0.00	24.51 1.70 0.00	23.87 1.68 0.00	21.21 1.47 -0.36
BABYLON__69_KV_BK2 356345	15.46 1.18 0.00	16.98 1.16 0.00	14.40 0.87 0.00	18.84 1.14 0.00	18.84 0.98 0.00	22.56 1.21 0.00	24.38 1.33 0.00	30.58 1.85 0.00	25.12 1.65 0.00	24.43 1.62 -0.70	26.56 2.30 0.00	26.03 2.27 0.00	23.88 1.93 0.00	24.60 1.96 0.00	23.92 1.97 0.00	27.24 2.03 0.00	20.75 2.52 14.14	30.70 2.78 11.70	41.24 2.87 0.00	33.24 2.39 0.00	25.35 1.91 0.00	24.75 1.93 0.00	24.10 1.91 0.00	21.40 1.66 -0.36
BALL_HILL_WT_PWR 323825	13.35 -0.87 0.06	14.93 -0.89 0.00	12.65 -0.89 0.00	16.50 -1.20 0.00	16.78 -1.08 0.00	20.01 -1.34 0.00	21.76 -1.29 0.00	27.09 -1.65 0.00	22.05 -1.43 0.00	17.79 -1.28 3.04	13.76 -1.18 9.32	17.32 -1.27 5.16	20.58 -1.32 0.06	14.39 -1.24 7.01	12.24 -1.24 8.46	15.86 -1.42 7.93	18.56 -1.99 11.81	23.43 -2.34 13.86	22.08 -2.31 13.99	16.02 -1.84 12.99	10.36 -1.49 11.59	13.98 -1.41 7.42	20.94 -1.24 0.00	18.08 -1.31 0.00
BARON_WINDS___WT_PWR 323822	13.24 -0.94 0.10	14.82 -1.01 0.00	12.63 -0.90 0.00	16.56 -1.14 0.00	16.75 -1.11 0.00	19.99 -1.36 0.00	21.74 -1.32 0.00	27.21 -1.53 0.00	22.15 -1.32 0.00	4.35 -1.31 16.45	-27.62 -1.38 50.50	-5.68 -1.46 27.97	20.28 -1.36 0.31	-17.21 -1.41 38.44	-25.80 -1.36 46.39	-19.74 -1.49 43.46	-34.27 -1.86 64.78	-38.82 -1.96 76.48	-41.10 -2.01 77.47	-42.81 -1.74 71.92	-42.21 -1.43 64.23	-19.68 -1.41 41.09	20.83 -1.36 0.00	18.17 -1.22 0.00
BARRETT_IC_1 23704	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT_IC_10 23701	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT_IC_11 23702	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT_IC_12 23703	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT_IC_2 23705	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT_IC_3 23706	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT_IC_4 23707	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36

BARRETT_IC_5 23708	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT_IC_6 23709	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT_IC_7 23710	15.21 0.93 0.00	16.72 0.90 0.00	14.18 0.66 0.00	18.55 0.85 0.00	18.59 0.73 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.33 0.00	24.65 1.17 0.00	24.04 1.23 -0.70	26.13 1.87 0.00	25.65 1.90 0.00	23.50 1.55 0.00	24.21 1.58 0.00	23.53 1.59 0.00	26.87 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.26 0.00	32.65 1.80 0.00	24.89 1.45 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT_IC_8 23711	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT_IC_9 23700	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT___1 23545	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BARRETT___2 23546	15.21 0.93 0.00	16.72 0.90 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.59 0.74 0.00	22.28 0.93 0.00	24.03 0.98 0.00	30.06 1.32 0.00	24.65 1.18 0.00	24.04 1.24 -0.70	26.12 1.85 0.00	25.64 1.89 0.00	23.50 1.55 0.00	24.22 1.58 0.00	23.54 1.59 0.00	26.88 1.66 0.00	17.85 1.95 16.47	36.60 2.21 5.23	40.63 2.25 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.31 1.49 0.00	23.69 1.51 0.00	21.07 1.32 -0.36
BATAVIA__115KV_TB1 55881	13.67 -0.56 0.04	15.25 -0.58 0.00	12.90 -0.64 0.00	16.80 -0.90 0.00	17.13 -0.73 0.00	20.48 -0.87 0.00	22.32 -0.74 0.00	27.76 -0.98 0.00	22.60 -0.88 0.00	19.58 -0.88 1.66	18.22 -0.97 5.08	19.84 -1.11 2.81	20.81 -1.11 0.03	17.97 -0.85 3.82	16.48 -0.86 4.61	20.03 -0.87 4.32	24.70 -1.25 6.42	30.63 -1.47 7.52	29.41 -1.38 7.59	22.83 -0.97 7.05	16.34 -0.83 6.27	17.98 -0.80 4.03	21.50 -0.68 0.00	18.51 -0.88 0.00
BAYONEEC___CTG1 323682	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.19 1.14 0.00	30.38 1.64 0.00	24.93 1.46 0.00	24.29 1.48 -0.70	26.14 1.87 0.00	25.66 1.91 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.92 1.97 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.55 2.93 0.00	41.17 2.79 0.00	33.18 2.33 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.17 1.43 -0.36
BAYONEEC___CTG10 323750	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.19 1.14 0.00	30.38 1.64 0.00	24.93 1.46 0.00	24.29 1.48 -0.70	26.14 1.87 0.00	25.66 1.91 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.92 1.97 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.55 2.93 0.00	41.17 2.79 0.00	33.18 2.33 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.17 1.43 -0.36
BAYONEEC___CTG2 323683	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.19 1.14 0.00	30.38 1.64 0.00	24.93 1.46 0.00	24.29 1.48 -0.70	26.14 1.87 0.00	25.66 1.91 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.92 1.97 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.55 2.93 0.00	41.17 2.79 0.00	33.18 2.33 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.17 1.43 -0.36
BAYONEEC___CTG3 323684	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.19 1.14 0.00	30.38 1.64 0.00	24.93 1.46 0.00	24.29 1.48 -0.70	26.14 1.87 0.00	25.66 1.91 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.92 1.97 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.55 2.93 0.00	41.17 2.79 0.00	33.18 2.33 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.17 1.43 -0.36
BAYONEEC___CTG4 323685	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.19 1.14 0.00	30.38 1.64 0.00	24.93 1.46 0.00	24.29 1.48 -0.70	26.14 1.87 0.00	25.66 1.91 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.92 1.97 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.55 2.93 0.00	41.17 2.79 0.00	33.18 2.33 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.17 1.43 -0.36
BAYONEEC___CTG5 323686	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.19 1.14 0.00	30.38 1.64 0.00	24.93 1.46 0.00	24.29 1.48 -0.70	26.14 1.87 0.00	25.66 1.91 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.92 1.97 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.55 2.93 0.00	41.17 2.79 0.00	33.18 2.33 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.17 1.43 -0.36
BAYONEEC___CTG6 323687	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.19 1.14 0.00	30.38 1.64 0.00	24.93 1.46 0.00	24.29 1.48 -0.70	26.14 1.87 0.00	25.66 1.91 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.92 1.97 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.55 2.93 0.00	41.17 2.79 0.00	33.18 2.33 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.17 1.43 -0.36

BAYONEEC___CTG7 323688	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.19 1.14 0.00	30.38 1.64 0.00	24.93 1.46 0.00	24.29 1.48 -0.70	26.14 1.87 0.00	25.66 1.91 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.92 1.97 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.55 2.93 0.00	41.17 2.79 0.00	33.18 2.33 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.17 1.43 -0.36
BAYONEEC___CTG8 323689	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.19 1.14 0.00	30.38 1.64 0.00	24.93 1.46 0.00	24.29 1.48 -0.70	26.14 1.87 0.00	25.66 1.91 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.92 1.97 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.55 2.93 0.00	41.17 2.79 0.00	33.18 2.33 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.17 1.43 -0.36
BAYONEEC___CTG9 323749	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.19 1.14 0.00	30.38 1.64 0.00	24.93 1.46 0.00	24.29 1.48 -0.70	26.14 1.87 0.00	25.66 1.91 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.92 1.97 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.55 2.93 0.00	41.17 2.79 0.00	33.18 2.33 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.17 1.43 -0.36
BEACON___LESR 323632	14.62 0.51 0.17	16.35 0.52 0.00	13.94 0.41 0.00	18.20 0.51 0.00	18.33 0.47 0.00	21.90 0.61 0.07	23.75 0.70 0.00	29.54 0.80 0.00	24.03 0.56 0.00	1.40 0.66 21.37	25.01 0.74 0.00	24.53 0.77 0.00	22.63 0.68 0.00	23.42 0.78 0.00	22.76 0.81 0.00	26.23 1.02 0.00	33.58 1.22 0.00	41.15 1.53 0.00	39.80 1.43 0.00	32.01 1.16 0.00	24.32 0.88 0.00	23.69 0.88 0.00	22.95 0.78 0.01	9.61 0.71 10.49
BEAVER RIVER___HYD 24048	9.66 -0.23 4.38	10.83 -0.36 4.64	9.84 -0.32 3.37	24.51 -0.39 -7.21	27.25 -0.33 -9.72	26.43 -0.25 -5.33	25.67 -0.06 -2.67	28.91 0.17 0.00	23.49 0.02 0.00	21.70 -0.35 0.06	23.83 -0.44 0.00	23.28 -0.47 0.00	21.35 -0.61 0.00	20.83 -0.87 0.94	18.71 -0.76 2.47	31.98 -0.48 -7.24	28.74 -0.59 3.03	54.84 0.68 -14.55	44.30 0.71 -5.22	41.83 0.32 -10.65	29.01 -0.03 -5.61	33.63 -0.14 -10.96	32.75 -0.24 -10.80	29.30 -0.19 -10.11
BEEBEE_GT_13 23619	13.72 -0.52 0.03	15.28 -0.54 0.00	12.95 -0.58 0.00	16.90 -0.80 0.00	17.17 -0.69 0.00	20.51 -0.84 0.00	22.27 -0.78 0.00	27.69 -1.05 0.00	22.58 -0.89 0.00	21.24 -0.87 0.00	23.32 -0.95 0.00	22.77 -0.98 0.00	21.07 -0.88 0.00	21.79 -0.85 0.00	21.11 -0.84 0.00	24.29 -0.93 0.00	31.08 -1.29 0.00	38.06 -1.56 0.00	36.90 -1.47 0.00	29.75 -1.11 0.00	22.52 -0.92 0.00	21.94 -0.87 0.00	21.47 -0.71 0.00	18.57 -0.81 0.00
BENSHRST_27_KV_BENSHRST_1 355998	15.34 1.07 0.00	16.91 1.09 0.00	14.38 0.85 0.00	18.76 1.06 0.00	18.84 0.98 0.00	22.59 1.24 0.00	24.39 1.34 0.00	30.66 1.93 0.00	25.18 1.70 0.00	24.51 1.71 -0.70	26.39 2.13 0.00	25.92 2.17 0.00	23.98 2.03 0.00	24.75 2.11 0.00	24.13 2.19 0.00	27.57 2.35 0.00	35.34 2.97 0.00	42.90 3.29 0.00	41.60 3.22 0.00	33.57 2.71 0.00	25.43 1.99 0.00	24.70 1.89 0.00	24.02 1.84 0.00	21.36 1.62 -0.36
BETHLEHEM___GRP 23843	14.50 0.31 0.09	16.15 0.33 0.00	13.77 0.23 0.00	17.99 0.29 0.00	18.11 0.25 0.00	21.63 0.31 0.03	23.39 0.34 0.00	29.12 0.38 0.00	23.73 0.25 0.00	10.36 0.35 12.10	24.67 0.41 0.00	24.18 0.42 0.00	22.35 0.40 0.00	23.09 0.45 0.00	22.47 0.53 0.00	25.77 0.56 0.00	33.05 0.69 0.00	40.48 0.86 0.00	39.20 0.82 0.00	31.50 0.64 0.00	23.96 0.52 0.00	23.30 0.48 0.00	22.61 0.43 0.00	14.43 0.44 5.40
BETHLEHEM___GS1 323560	14.50 0.31 0.09	16.15 0.33 0.00	13.77 0.23 0.00	17.99 0.29 0.00	18.11 0.25 0.00	21.63 0.31 0.03	23.39 0.34 0.00	29.11 0.38 0.00	23.73 0.25 0.00	10.36 0.35 12.10	24.66 0.39 0.00	24.17 0.42 0.00	22.36 0.40 0.00	23.09 0.45 0.00	22.47 0.53 0.00	25.77 0.56 0.00	33.05 0.69 0.00	40.48 0.86 0.00	39.19 0.82 0.00	31.50 0.64 0.00	23.96 0.52 0.00	23.30 0.48 0.00	22.61 0.43 0.00	14.43 0.44 5.40
BETHLEHEM___GS2 323561	14.50 0.31 0.09	16.15 0.33 0.00	13.77 0.23 0.00	17.99 0.29 0.00	18.11 0.25 0.00	21.63 0.31 0.03	23.39 0.34 0.00	29.11 0.38 0.00	23.73 0.25 0.00	10.36 0.35 12.10	24.66 0.39 0.00	24.17 0.42 0.00	22.36 0.40 0.00	23.09 0.45 0.00	22.47 0.53 0.00	25.77 0.56 0.00	33.05 0.69 0.00	40.48 0.86 0.00	39.19 0.82 0.00	31.50 0.64 0.00	23.96 0.52 0.00	23.30 0.48 0.00	22.61 0.43 0.00	14.43 0.44 5.40
BETHLEHEM___GS3 323562	14.50 0.31 0.09	16.15 0.33 0.00	13.77 0.23 0.00	17.99 0.29 0.00	18.11 0.25 0.00	21.63 0.31 0.03	23.39 0.34 0.00	29.11 0.38 0.00	23.73 0.25 0.00	10.36 0.35 12.10	24.66 0.39 0.00	24.17 0.42 0.00	22.36 0.40 0.00	23.09 0.45 0.00	22.47 0.53 0.00	25.77 0.56 0.00	33.05 0.69 0.00	40.48 0.86 0.00	39.19 0.82 0.00	31.50 0.64 0.00	23.96 0.52 0.00	23.30 0.48 0.00	22.61 0.43 0.00	14.43 0.44 5.40
BETHLEHEM___STEEL 23779	13.42 -0.80 0.06	15.01 -0.81 0.00	12.70 -0.83 0.00	16.55 -1.14 0.00	16.86 -1.00 0.00	20.11 -1.24 0.00	21.88 -1.18 0.00	27.18 -1.56 0.00	22.11 -1.36 0.00	17.86 -1.22 3.03	13.77 -1.19 9.30	17.30 -1.30 5.15	20.61 -1.28 0.06	14.44 -1.23 6.98	12.29 -1.23 8.42	15.95 -1.37 7.89	18.67 -1.95 11.75	23.45 -2.38 13.78	22.19 -2.27 13.92	16.21 -1.71 12.93	10.51 -1.40 11.53	14.10 -1.32 7.39	21.05 -1.14 0.00	18.14 -1.25 0.00
BETHLHEM_115KV_TB1 79974	14.53 0.34 0.08	16.18 0.35 0.00	13.79 0.26 0.00	18.02 0.32 0.00	18.13 0.27 0.00	21.66 0.34 0.03	23.42 0.37 0.00	29.18 0.44 0.00	23.79 0.32 0.00	11.15 0.40 11.35	24.72 0.46 0.00	24.22 0.47 0.00	22.39 0.44 0.00	23.13 0.49 0.00	22.50 0.56 0.00	25.82 0.60 0.00	33.12 0.75 0.00	40.55 0.93 0.00	39.27 0.89 0.00	31.56 0.70 0.00	24.00 0.56 0.00	23.34 0.53 0.00	22.65 0.47 0.00	14.77 0.47 5.08
BETHPAGE_CC_5 323564	15.31 1.03 0.00	16.83 1.00 0.00	14.28 0.74 0.00	18.67 0.97 0.00	18.68 0.83 0.00	22.38 1.03 0.00	24.15 1.10 0.00	30.29 1.56 0.00	24.88 1.41 0.00	24.22 1.42 -0.70	26.31 2.05 0.00	25.78 2.03 0.00	23.70 1.75 0.00	24.43 1.78 0.00	23.76 1.81 0.00	27.06 1.84 0.00	21.79 2.28 12.86	31.63 2.51 10.50	40.92 2.55 0.00	32.95 2.10 0.00	25.10 1.66 0.00	24.51 1.70 0.00	23.85 1.67 0.00	21.21 1.47 -0.36
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.48 -0.74 0.06	15.08 -0.75 0.00	12.75 -0.78 0.00	16.63 -1.07 0.00	16.93 -0.92 0.00	20.19 -1.16 0.00	21.97 -1.09 0.00	27.30 -1.43 0.00	22.22 -1.25 0.00	18.13 -1.11 2.87	14.39 -1.07 8.80	17.70 -1.18 4.88	20.73 -1.17 0.05	14.95 -1.11 6.58	12.89 -1.11 7.94	16.53 -1.24 7.44	19.51 -1.77 11.08	24.47 -2.16 12.99	23.22 -2.04 13.12	17.12 -1.55 12.19	11.30 -1.27 10.86	14.65 -1.20 6.96	21.14 -1.04 0.00	18.22 -1.17 0.00

BINGHAMTON___COGEN 23790	14.14 -0.12 0.02	15.71 -0.12 0.00	13.40 -0.13 0.00	17.53 -0.16 0.00	17.69 -0.17 0.00	21.11 -0.24 0.00	22.87 -0.19 0.00	28.57 -0.17 0.00	23.35 -0.13 0.00	22.01 -0.09 0.00	24.23 -0.03 0.00	23.70 -0.05 0.00	21.90 -0.06 0.00	22.58 -0.06 0.00	21.92 -0.03 0.00	25.19 -0.02 0.00	32.37 0.01 0.00	39.67 0.05 0.00	38.34 -0.03 0.00	30.78 -0.07 0.00	23.32 -0.11 0.00	22.70 -0.11 0.00	22.08 -0.10 0.00	19.23 -0.16 0.00
BIXINCNT_115KV_LOAD 355685	13.48 -0.73 0.06	15.11 -0.72 0.00	12.79 -0.74 0.00	16.64 -1.05 0.00	17.00 -0.86 0.00	20.19 -1.16 0.00	21.98 -1.07 0.00	27.36 -1.38 0.00	22.36 -1.11 0.00	19.14 -0.98 1.99	17.01 -1.15 6.10	19.18 -1.20 3.37	20.82 -1.10 0.04	16.92 -1.28 4.44	15.43 -1.16 5.36	18.93 -1.26 5.02	23.05 -1.84 7.48	28.69 -2.20 8.73	27.54 -2.05 8.79	20.98 -1.71 8.17	14.92 -1.24 7.28	16.97 -1.18 4.67	20.83 -1.36 0.00	18.00 -1.38 0.00
BLACK RIVER___HYD 24047	11.01 -0.29 2.98	12.25 -0.42 3.15	10.86 -0.39 2.28	22.26 -0.48 -5.05	24.22 -0.42 -6.79	24.69 -0.38 -3.72	24.74 -0.18 -1.87	28.73 -0.01 0.00	23.34 -0.13 0.00	21.58 -0.49 0.04	23.67 -0.59 0.00	23.06 -0.69 0.00	21.17 -0.78 0.00	20.93 -1.08 0.64	19.35 -0.92 1.68	29.72 -0.56 -5.07	29.75 -0.60 2.01	50.26 0.49 -10.16	42.54 0.53 -3.64	38.49 0.20 -7.44	27.24 -0.12 -3.92	30.25 -0.21 -7.65	29.42 -0.31 -7.55	26.16 -0.28 -7.06
BLACKRVR_115KV_TB2 79977	11.01 -0.29 2.98	12.25 -0.42 3.15	10.86 -0.39 2.28	22.26 -0.48 -5.05	24.22 -0.42 -6.79	24.69 -0.38 -3.72	24.74 -0.18 -1.87	28.72 -0.01 0.00	23.34 -0.13 0.00	21.58 -0.49 0.04	23.67 -0.60 0.00	23.05 -0.70 0.00	21.17 -0.78 0.00	20.93 -1.08 0.64	19.35 -0.92 1.68	29.72 -0.56 -5.07	29.75 -0.60 2.01	50.26 0.48 -10.16	42.55 0.53 -3.64	38.49 0.20 -7.44	27.24 -0.12 -3.92	30.25 -0.21 -7.65	29.42 -0.31 -7.55	26.16 -0.28 -7.06
BLISS_WT_PWR 323608	13.43 -0.78 0.06	15.05 -0.77 0.00	12.73 -0.80 0.00	16.57 -1.13 0.00	16.95 -0.91 0.00	20.11 -1.25 0.00	21.88 -1.17 0.00	27.25 -1.49 0.00	22.28 -1.19 0.00	19.07 -1.05 1.99	16.92 -1.25 6.10	19.10 -1.28 3.37	20.69 -1.23 0.04	16.74 -1.46 4.44	15.29 -1.29 5.36	18.79 -1.40 5.02	22.85 -2.03 7.48	28.49 -2.40 8.73	27.34 -2.24 8.79	20.79 -1.89 8.17	14.85 -1.31 7.28	16.85 -1.29 4.67	20.63 -1.55 0.00	17.86 -1.53 0.00
BLUESTONE___WT_PWR 323821	14.57 0.27 -0.03	16.22 0.40 0.00	13.81 0.28 0.00	18.07 0.37 0.00	18.19 0.34 0.00	21.60 0.25 0.00	23.32 0.27 0.00	29.15 0.41 0.00	23.85 0.38 0.00	22.62 0.51 0.00	24.93 0.67 0.00	24.39 0.63 0.00	22.41 0.46 0.00	22.85 0.21 0.00	22.07 0.12 0.00	25.43 0.22 0.00	32.56 0.19 0.00	40.41 0.79 0.00	38.92 0.54 0.00	31.08 0.22 0.00	23.56 0.12 0.00	22.84 0.03 0.00	22.06 -0.12 0.00	19.28 -0.10 0.00
BLUE_CIRC_CHEM_DRP 24182	14.68 0.49 0.08	16.35 0.52 0.00	13.94 0.41 0.00	18.22 0.52 0.00	18.34 0.48 0.00	21.92 0.60 0.03	23.71 0.65 0.00	29.56 0.82 0.00	24.07 0.60 0.00	11.99 0.52 10.63	24.80 0.54 0.00	24.31 0.56 0.00	22.46 0.51 0.00	23.21 0.57 0.00	22.54 0.59 0.00	25.90 0.69 0.00	33.33 0.96 0.00	40.91 1.29 0.00	39.64 1.26 0.00	31.85 1.00 0.00	24.23 0.79 0.00	23.57 0.75 0.00	22.88 0.70 0.00	14.94 0.65 5.09
BOC_GAS_DRP 24189	14.60 0.38 0.05	16.22 0.40 0.00	13.83 0.30 0.00	18.07 0.37 0.00	18.19 0.33 0.00	21.72 0.39 0.02	23.47 0.41 0.00	29.29 0.56 0.00	23.93 0.46 0.00	15.39 0.48 7.19	24.82 0.56 0.00	24.31 0.56 0.00	22.46 0.51 0.00	23.20 0.56 0.00	22.57 0.62 0.00	25.90 0.69 0.00	33.23 0.86 0.00	40.65 1.03 0.00	39.36 0.99 0.00	31.65 0.80 0.00	24.06 0.62 0.00	23.41 0.60 0.00	22.72 0.54 0.00	16.57 0.51 3.32
BOONVILLE_115KV_TB1 79983	14.48 0.06 -0.14	15.94 0.01 -0.10	13.86 -0.01 -0.34	20.76 0.00 -3.06	21.57 0.04 -3.68	23.48 0.12 -2.02	24.32 0.26 -1.01	29.18 0.44 0.00	23.78 0.30 0.00	22.23 0.12 0.00	24.34 0.08 0.00	23.81 0.06 0.00	21.91 -0.04 0.00	22.50 -0.14 0.00	21.94 -0.06 -0.05	28.34 0.10 -3.03	33.60 0.20 -1.03	46.11 0.92 -5.58	41.20 0.85 -1.97	35.43 0.55 -4.03	25.85 0.28 -2.12	27.17 0.21 -4.14	26.41 0.15 -4.09	23.33 0.12 -3.82
BORALEX_4TH_BRANCH 23824	15.29 0.93 -0.08	16.78 0.96 0.00	14.29 0.76 0.00	18.67 0.97 0.00	18.79 0.94 0.00	22.59 1.21 -0.03	24.35 1.29 0.00	30.48 1.75 0.00	24.95 1.47 0.00	34.41 1.37 -10.94	25.65 1.39 0.00	25.02 1.27 0.00	22.99 1.04 0.00	23.76 1.13 0.00	23.21 1.27 0.00	26.78 1.57 0.00	34.11 1.74 0.00	41.90 2.28 0.00	40.56 2.18 0.00	32.61 1.75 0.00	24.95 1.51 0.00	24.29 1.48 0.00	23.63 1.44 0.00	25.54 1.30 -4.85
BOWLINE___1 23526	15.08 0.80 0.00	16.65 0.82 0.00	14.16 0.63 0.00	18.49 0.80 0.00	18.57 0.72 0.00	22.27 0.92 0.00	24.02 0.97 0.00	30.13 1.40 0.00	24.70 1.22 0.00	23.99 1.24 -0.65	25.84 1.58 0.00	25.36 1.61 0.00	23.45 1.50 0.00	24.21 1.57 0.00	23.59 1.65 0.00	26.99 1.78 0.00	34.67 2.30 0.00	42.26 2.64 0.00	40.91 2.53 0.00	32.87 2.02 0.00	24.90 1.46 0.00	24.22 1.41 0.00	23.56 1.38 0.00	20.95 1.23 -0.34
BOWLINE___2 23595	15.08 0.80 0.00	16.65 0.82 0.00	14.16 0.63 0.00	18.50 0.80 0.00	18.57 0.72 0.00	22.27 0.92 0.00	24.02 0.97 0.00	30.13 1.40 0.00	24.70 1.22 0.00	23.99 1.24 -0.65	25.84 1.58 0.00	25.36 1.61 0.00	23.45 1.50 0.00	24.21 1.57 0.00	23.59 1.65 0.00	26.99 1.78 0.00	34.67 2.30 0.00	42.26 2.64 0.00	40.91 2.53 0.00	32.87 2.02 0.00	24.90 1.46 0.00	24.22 1.41 0.00	23.56 1.38 0.00	20.95 1.23 -0.34
BRADY___115KV_TB2 356060	1.15 0.68 13.80	1.91 0.64 14.56	3.22 0.60 10.91	37.19 0.80 -18.70	44.55 0.95 -25.74	36.89 1.41 -14.13	32.14 2.01 -7.08	31.70 2.97 0.00	25.52 2.05 0.00	22.81 0.89 0.18	24.73 0.46 0.00	24.25 0.50 0.00	22.13 0.18 0.00	19.58 -0.14 2.93	13.99 -0.20 7.76	44.42 0.40 -18.81	22.11 0.43 10.69	81.27 3.22 -38.43	55.96 3.76 -13.82	61.91 2.85 -28.20	40.24 1.95 -14.85	53.56 1.73 -29.02	52.28 1.48 -28.61	47.33 1.17 -26.77
BRANSCOMB___SOLAR 323811	15.10 0.76 -0.06	16.61 0.78 0.00	14.17 0.64 0.00	18.51 0.82 0.00	18.66 0.80 0.00	22.41 1.03 -0.02	24.22 1.17 0.00	30.31 1.58 0.00	24.76 1.28 0.00	31.65 1.10 -8.44	25.29 1.02 0.00	24.69 0.94 0.00	22.72 0.76 0.00	23.46 0.82 0.00	22.89 0.94 0.00	26.46 1.25 0.00	34.00 1.63 0.00	41.80 2.19 0.00	40.51 2.13 0.00	32.51 1.66 0.00	24.75 1.31 0.00	24.08 1.27 0.00	23.41 1.22 0.00	24.33 1.08 -3.86
BRENTWOD_69_KV_W. BRTWOOD 56703	15.41 1.14 0.00	16.94 1.12 0.00	14.35 0.82 0.00	18.78 1.09 0.00	18.78 0.92 0.00	22.47 1.12 0.00	24.26 1.21 0.00	30.42 1.69 0.00	25.00 1.53 0.00	24.33 1.53 -0.70	26.47 2.21 0.00	25.95 2.20 0.00	23.79 1.84 0.00	24.49 1.85 0.00	23.82 1.88 0.00	27.13 1.92 0.00	19.86 2.36 14.86	29.70 2.61 12.53	41.07 2.69 0.00	33.09 2.24 0.00	25.22 1.78 0.00	24.59 1.78 0.00	23.97 1.79 0.00	21.32 1.58 -0.36



BRISTLHL_115KV_TB1 79998	13.99 -0.29 0.00	15.50 -0.32 0.00	13.22 -0.31 0.00	17.28 -0.42 0.00	17.46 -0.40 0.00	20.86 -0.48 0.00	22.54 -0.52 0.00	28.02 -0.72 0.00	22.90 -0.57 0.00	21.57 -0.54 0.00	23.62 -0.64 0.00	23.11 -0.64 0.00	21.41 -0.55 0.00	22.07 -0.57 0.00	21.43 -0.51 0.00	24.64 -0.57 0.00	31.64 -0.73 0.00	38.77 -0.85 0.00	37.55 -0.83 0.00	30.18 -0.67 0.00	22.93 -0.52 0.00	22.31 -0.50 0.00	21.70 -0.48 0.00	18.94 -0.45 0.00
BROOKHAVEN___DRP 24191	15.32 1.04 0.00	16.83 1.01 0.00	14.27 0.73 0.00	18.68 0.99 0.00	18.67 0.81 0.00	22.35 1.00 0.00	24.16 1.11 0.00	30.26 1.53 0.00	24.89 1.41 0.00	24.21 1.41 -0.70	26.29 2.03 0.00	25.80 2.04 0.00	23.67 1.72 0.00	24.33 1.69 0.00	23.68 1.74 0.00	26.87 1.66 0.00	19.05 1.82 15.15	28.88 2.02 12.76	40.49 2.11 0.00	32.75 1.89 0.00	25.07 1.63 0.00	24.51 1.69 0.00	23.90 1.72 0.00	21.24 1.50 -0.36
BROOKLYN_NAVY_YARD 23515	15.19 0.91 0.00	16.75 0.93 0.00	14.24 0.71 0.00	18.59 0.90 0.00	18.67 0.81 0.00	22.39 1.03 0.00	24.13 1.08 0.00	30.31 1.57 0.00	24.88 1.41 0.00	24.23 1.43 -0.70	26.08 1.82 0.00	25.62 1.87 0.00	23.72 1.77 0.00	24.48 1.84 0.00	23.87 1.92 0.00	27.28 2.07 0.00	35.00 2.63 0.00	42.49 2.87 0.00	41.12 2.74 0.00	33.14 2.28 0.00	25.12 1.69 0.00	24.41 1.60 0.00	23.73 1.55 0.00	21.12 1.38 -0.36
BROOKLYN___ARMY_DRP 323595	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.69 0.99 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.51 1.77 0.00	25.05 1.58 0.00	24.39 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.34 2.96 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.90 1.72 0.00	21.26 1.51 -0.36
BROOKVLE_69_KV_TB1 55790	15.28 1.01 0.00	16.83 1.00 0.00	14.29 0.76 0.00	18.68 0.98 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.22 1.16 0.00	30.39 1.65 0.00	24.94 1.46 0.00	24.29 1.49 -0.70	26.29 2.03 0.00	25.79 2.03 0.00	23.77 1.82 0.00	24.54 1.90 0.00	23.90 1.95 0.00	27.29 2.08 0.00	28.46 2.59 6.49	37.47 2.92 5.07	41.25 2.87 0.00	33.18 2.33 0.00	25.22 1.78 0.00	24.55 1.74 0.00	23.88 1.69 0.00	21.22 1.48 -0.36
BROOME_2_LFGE 323671	14.14 -0.11 0.02	15.70 -0.12 0.00	13.40 -0.13 0.00	17.53 -0.17 0.00	17.68 -0.17 0.00	21.11 -0.24 0.00	22.87 -0.19 0.00	28.56 -0.17 0.00	23.35 -0.13 0.00	22.01 -0.09 0.00	24.23 -0.03 0.00	23.70 -0.05 0.00	21.89 -0.06 0.00	22.58 -0.07 0.00	21.91 -0.03 0.00	25.18 -0.03 0.00	32.36 -0.01 0.00	39.66 0.04 0.00	38.34 -0.04 0.00	30.77 -0.08 0.00	23.32 -0.12 0.00	22.70 -0.12 0.00	22.07 -0.11 0.00	19.22 -0.16 0.00
BROOME___LFGE 323600	14.14 -0.11 0.02	15.70 -0.12 0.00	13.40 -0.13 0.00	17.53 -0.17 0.00	17.68 -0.17 0.00	21.11 -0.24 0.00	22.87 -0.19 0.00	28.56 -0.17 0.00	23.35 -0.13 0.00	22.01 -0.09 0.00	24.23 -0.03 0.00	23.70 -0.05 0.00	21.89 -0.06 0.00	22.58 -0.07 0.00	21.91 -0.03 0.00	25.18 -0.03 0.00	32.36 -0.01 0.00	39.66 0.04 0.00	38.34 -0.04 0.00	30.77 -0.08 0.00	23.32 -0.12 0.00	22.70 -0.12 0.00	22.07 -0.11 0.00	19.22 -0.16 0.00
BROWNFLS_115KV_TB_3_5 80003	5.29 -0.04 8.94	6.25 -0.15 9.43	6.39 -0.12 7.02	30.33 -0.13 -12.76	35.28 -0.05 -17.47	31.06 0.12 -9.59	28.27 0.41 -4.80	29.53 0.79 0.00	23.94 0.47 0.00	21.93 -0.06 0.12	24.04 -0.22 0.00	23.53 -0.22 0.00	21.55 -0.40 0.00	20.07 -0.67 1.90	16.29 -0.62 5.03	37.76 -0.29 -12.83	25.28 -0.35 6.74	66.83 1.11 -26.10	49.03 1.28 -9.38	50.80 0.81 -19.14	33.90 0.38 -10.08	42.75 0.25 -19.69	41.72 0.12 -19.42	37.64 0.08 -18.16
BROWNSV1_27_KV_LOAD 356125	15.35 1.07 0.00	16.92 1.09 0.00	14.38 0.85 0.00	18.77 1.08 0.00	18.85 1.00 0.00	22.61 1.26 0.00	24.39 1.34 0.00	30.65 1.91 0.00	25.16 1.68 0.00	24.51 1.70 -0.70	26.40 2.13 0.00	25.93 2.17 0.00	23.99 2.04 0.00	24.77 2.13 0.00	24.15 2.20 0.00	27.61 2.40 0.00	35.38 3.02 0.00	43.00 3.38 0.00	41.59 3.22 0.00	33.52 2.67 0.00	25.43 1.99 0.00	24.71 1.89 0.00	24.01 1.83 0.00	21.37 1.63 -0.36
BURROWS___LYONSDAL 23803	13.04 -0.05 1.18	14.43 -0.12 1.28	12.63 -0.13 0.78	21.34 -0.15 -3.79	22.62 -0.10 -4.86	23.98 -0.03 -2.67	24.50 0.11 -1.34	29.03 0.30 0.00	23.64 0.17 0.00	22.05 -0.04 0.02	24.19 -0.08 0.00	23.66 -0.10 0.00	21.73 -0.22 0.00	22.01 -0.36 0.27	21.00 -0.26 0.68	28.91 -0.08 -3.79	32.01 -0.06 0.29	47.73 0.79 -7.32	41.73 0.74 -2.61	36.61 0.43 -5.33	26.39 0.14 -2.81	28.35 0.06 -5.48	27.57 -0.01 -5.40	24.43 -0.01 -5.06
CAITHNESS_CC_1 323624	15.30 1.03 0.00	16.81 0.99 0.00	14.25 0.72 0.00	18.65 0.95 0.00	18.64 0.78 0.00	22.32 0.97 0.00	24.11 1.06 0.00	30.21 1.47 0.00	24.84 1.37 0.00	24.18 1.37 -0.70	26.25 1.98 0.00	25.74 1.99 0.00	23.63 1.68 0.00	24.30 1.66 0.00	23.65 1.70 0.00	26.84 1.63 0.00	19.07 1.85 15.15	28.89 2.04 12.77	40.46 2.09 0.00	32.71 1.85 0.00	25.02 1.58 0.00	24.45 1.64 0.00	23.85 1.67 0.00	21.21 1.47 -0.36
CALPINE BETH_PAGE_GT4 24209	15.30 1.02 0.00	16.82 0.99 0.00	14.27 0.73 0.00	18.66 0.96 0.00	18.68 0.82 0.00	22.37 1.02 0.00	24.15 1.10 0.00	30.28 1.55 0.00	24.87 1.39 0.00	24.22 1.41 -0.70	26.29 2.03 0.00	25.77 2.02 0.00	23.69 1.74 0.00	24.42 1.78 0.00	23.75 1.80 0.00	27.02 1.81 0.00	22.84 2.23 11.77	32.62 2.47 9.47	40.89 2.51 0.00	32.92 2.07 0.00	25.08 1.64 0.00	24.51 1.70 0.00	23.85 1.67 0.00	21.20 1.46 -0.36
CALPINE_BETH_PAGE_GT_4 323586	15.30 1.02 0.00	16.82 1.00 0.00	14.27 0.74 0.00	18.66 0.96 0.00	18.68 0.82 0.00	22.37 1.02 0.00	24.15 1.10 0.00	30.28 1.54 0.00	24.87 1.40 0.00	24.22 1.41 -0.70	26.29 2.02 0.00	25.76 2.01 0.00	23.69 1.74 0.00	24.42 1.78 0.00	23.75 1.80 0.00	27.02 1.81 0.00	22.84 2.24 11.77	32.62 2.47 9.47	40.88 2.51 0.00	32.91 2.06 0.00	25.07 1.63 0.00	24.51 1.70 0.00	23.85 1.67 0.00	21.21 1.46 -0.36
CALPINE_BP_GT1 23823	15.30 1.02 0.00	16.82 1.00 0.00	14.27 0.74 0.00	18.66 0.96 0.00	18.68 0.82 0.00	22.37 1.02 0.00	24.15 1.10 0.00	30.28 1.54 0.00	24.87 1.40 0.00	24.22 1.41 -0.70	26.29 2.02 0.00	25.76 2.01 0.00	23.69 1.74 0.00	24.42 1.78 0.00	23.75 1.80 0.00	27.02 1.81 0.00	22.84 2.24 11.77	32.62 2.47 9.47	40.88 2.51 0.00	32.91 2.06 0.00	25.07 1.63 0.00	24.51 1.70 0.00	23.85 1.67 0.00	21.21 1.46 -0.36
CALSPAN___DRP 24200	13.42 -0.80 0.06	15.01 -0.81 0.00	12.70 -0.83 0.00	16.55 -1.14 0.00	16.86 -1.00 0.00	20.11 -1.24 0.00	21.88 -1.18 0.00	27.18 -1.56 0.00	22.11 -1.36 0.00	17.86 -1.22 3.03	13.77 -1.19 9.30	17.30 -1.30 5.15	20.61 -1.28 0.06	14.44 -1.23 6.98	12.29 -1.23 8.42	15.95 -1.37 7.89	18.67 -1.95 11.75	23.45 -2.38 13.78	22.19 -2.27 13.92	16.21 -1.71 12.93	10.51 -1.40 11.53	14.10 -1.32 7.39	21.05 -1.14 0.00	18.14 -1.25 0.00

CALVERTON___SOLAR 323806	15.33 1.06 0.00	16.84 1.02 0.00	14.28 0.75 0.00	18.70 1.00 0.00	18.69 0.83 0.00	22.38 1.03 0.00	24.20 1.14 0.00	30.31 1.57 0.00	24.93 1.45 0.00	24.23 1.43 -0.70	26.30 2.04 0.00	25.81 2.06 0.00	23.69 1.74 0.00	24.36 1.71 0.00	23.70 1.76 0.00	26.89 1.68 0.00	19.02 1.80 15.14	28.88 2.02 12.76	40.47 2.09 0.00	32.77 1.92 0.00	25.11 1.67 0.00	24.54 1.73 0.00	23.93 1.75 0.00	21.27 1.52 -0.36
CANDIGU_WT_PWR 323617	13.24 -0.94 0.10	14.82 -1.01 0.00	12.63 -0.90 0.00	16.56 -1.14 0.00	16.75 -1.11 0.00	19.99 -1.36 0.00	21.74 -1.32 0.00	27.21 -1.53 0.00	22.15 -1.32 0.00	4.35 -1.31 16.45	-27.62 -1.38 50.50	-5.68 -1.46 27.97	20.28 -1.36 0.31	-17.21 -1.41 38.44	-25.80 -1.36 46.39	-19.74 -1.49 43.46	-34.27 -1.86 64.78	-38.82 -1.96 76.48	-41.10 -2.01 77.47	-42.81 -1.74 71.92	-42.21 -1.43 64.23	-19.68 -1.41 41.09	20.83 -1.36 0.00	18.17 -1.22 0.00
CARR STREET_E_SYR 24060	14.06 -0.22 0.00	15.58 -0.25 0.00	13.28 -0.25 0.00	17.37 -0.33 0.00	17.54 -0.32 0.00	20.97 -0.38 0.00	22.66 -0.39 0.00	28.21 -0.53 0.00	23.06 -0.42 0.00	21.71 -0.40 0.00	23.79 -0.47 0.00	23.28 -0.48 0.00	21.55 -0.40 0.00	22.23 -0.41 0.00	21.59 -0.36 0.00	24.81 -0.40 0.00	31.88 -0.49 0.00	39.04 -0.58 0.00	37.83 -0.55 0.00	30.40 -0.46 0.00	23.08 -0.36 0.00	22.45 -0.36 0.00	21.84 -0.35 0.00	19.05 -0.34 0.00
CARTHAGE___PAPER 23857	10.57 -0.18 3.52	11.79 -0.31 3.73	10.55 -0.28 2.70	23.25 -0.34 -5.88	25.51 -0.27 -7.92	25.52 -0.18 -4.35	25.28 0.05 -2.18	29.03 0.29 0.00	23.57 0.10 0.00	21.74 -0.32 0.05	23.86 -0.40 0.00	23.25 -0.50 0.00	21.33 -0.62 0.00	20.98 -0.90 0.75	19.19 -0.77 1.99	30.67 -0.45 -5.90	29.49 -0.47 2.41	52.29 0.82 -11.86	43.50 0.87 -4.25	39.99 0.46 -8.68	28.09 0.07 -4.57	31.70 -0.04 -8.93	30.84 -0.14 -8.80	27.50 -0.13 -8.24
CASSADAGA_WT_PWR 323784	13.21 -1.00 0.06	14.79 -1.03 0.00	12.52 -1.01 0.00	16.36 -1.33 0.00	16.67 -1.19 0.00	19.86 -1.49 0.00	21.61 -1.44 0.00	26.91 -1.82 0.00	22.00 -1.48 0.00	18.60 -1.38 2.13	16.40 -1.32 6.54	18.80 -1.33 3.62	20.45 -1.46 0.04	16.44 -1.37 4.83	14.74 -1.38 5.83	18.14 -1.61 5.47	21.98 -2.25 8.14	27.59 -2.52 9.51	26.09 -2.71 9.58	19.58 -2.37 8.90	13.65 -1.85 7.94	16.07 -1.66 5.09	20.66 -1.52 0.00	17.81 -1.57 0.00
CE_DUNWOOD___DRP 24194	15.14 0.87 0.00	16.70 0.87 0.00	14.21 0.67 0.00	18.55 0.85 0.00	18.63 0.77 0.00	22.33 0.98 0.00	24.10 1.05 0.00	30.23 1.50 0.00	24.80 1.32 0.00	24.14 1.34 -0.70	25.97 1.70 0.00	25.49 1.73 0.00	23.55 1.61 0.00	24.32 1.68 0.00	23.71 1.76 0.00	27.12 1.91 0.00	34.79 2.42 0.00	42.37 2.75 0.00	41.01 2.63 0.00	32.98 2.13 0.00	25.01 1.57 0.00	24.32 1.51 0.00	23.65 1.47 0.00	21.04 1.30 -0.36
CE_MILLWOOD___DRP 24193	15.11 0.84 0.00	16.67 0.85 0.00	14.18 0.66 0.00	18.52 0.83 0.00	18.60 0.75 0.00	22.30 0.95 0.00	24.06 1.01 0.00	30.19 1.46 0.00	24.75 1.28 0.00	24.09 1.30 -0.69	25.90 1.64 0.00	25.43 1.67 0.00	23.50 1.55 0.00	24.27 1.63 0.00	23.65 1.70 0.00	27.06 1.85 0.00	34.72 2.35 0.00	42.31 2.69 0.00	40.95 2.57 0.00	32.93 2.08 0.00	24.96 1.52 0.00	24.27 1.46 0.00	23.61 1.42 0.00	21.00 1.26 -0.36
CE_NYC2_DRP 24202	15.25 0.97 0.00	16.81 0.99 0.00	14.29 0.76 0.00	18.66 0.96 0.00	18.74 0.88 0.00	22.45 1.10 0.00	24.23 1.17 0.00	30.43 1.69 0.00	24.99 1.52 0.00	24.35 1.54 -0.70	26.20 1.93 0.00	25.73 1.98 0.00	23.81 1.86 0.00	24.58 1.94 0.00	23.97 2.02 0.00	27.36 2.14 0.00	35.06 2.69 0.00	42.57 2.95 0.00	41.24 2.86 0.00	33.24 2.38 0.00	25.20 1.76 0.00	24.48 1.67 0.00	23.81 1.63 0.00	21.19 1.44 -0.36
CE_NYC_DRP 24195	15.25 0.97 0.00	16.81 0.99 0.00	14.30 0.77 0.00	18.67 0.97 0.00	18.74 0.89 0.00	22.48 1.12 0.00	24.24 1.18 0.00	30.44 1.71 0.00	24.99 1.51 0.00	24.35 1.54 -0.70	26.22 1.96 0.00	25.75 2.00 0.00	23.83 1.88 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.42 2.20 0.00	35.14 2.77 0.00	42.69 3.08 0.00	41.31 2.93 0.00	33.27 2.42 0.00	25.23 1.79 0.00	24.52 1.71 0.00	23.83 1.65 0.00	21.20 1.46 -0.36
CHAFFEE___LFGE 323603	13.52 -0.69 0.06	15.12 -0.70 0.00	12.78 -0.75 0.00	16.67 -1.03 0.00	16.98 -0.88 0.00	20.25 -1.10 0.00	22.04 -1.02 0.00	27.43 -1.31 0.00	22.33 -1.15 0.00	18.60 -1.00 2.50	15.68 -0.90 7.68	18.48 -1.02 4.25	20.80 -1.10 0.05	15.95 -1.00 5.70	14.07 -1.00 6.87	17.65 -1.12 6.44	21.18 -1.60 9.59	26.51 -1.88 11.23	25.25 -1.80 11.33	18.97 -1.36 10.52	12.93 -1.12 9.38	15.72 -1.08 6.01	21.23 -0.95 0.00	18.30 -1.09 0.00
CHATEAUG_35_KV_LOAD 355732	-20.16 -0.50 33.93	-19.39 -0.59 34.63	-19.69 -0.39 32.84	-23.06 -0.51 40.25	-23.87 -0.46 41.26	-1.67 -0.38 22.64	11.32 -0.40 11.34	28.32 -0.41 0.00	23.12 -0.35 0.00	21.29 -0.41 0.40	23.75 -0.52 0.00	23.33 -0.42 0.00	21.32 -0.63 0.00	15.41 -0.83 6.40	2.53 -0.98 18.44	-15.08 -1.00 39.30	-19.55 -1.14 50.78	-25.35 -1.11 63.86	15.41 -0.83 22.13	-15.09 -0.76 45.19	-0.96 -0.60 23.79	-24.29 -0.61 46.49	-24.28 -0.62 45.84	-24.05 -0.54 42.89
CHATEAUG_WT_PWR 323614	-21.95 -0.56 35.66	-21.28 -0.65 36.46	-21.15 -0.47 34.22	-21.07 -0.63 38.14	-21.04 -0.58 38.32	-0.18 -0.51 21.03	12.01 -0.50 10.53	28.19 -0.54 0.00	23.03 -0.44 0.00	21.22 -0.46 0.42	23.73 -0.53 0.00	23.35 -0.40 0.00	21.33 -0.62 0.00	15.03 -0.84 6.77	1.54 -1.00 19.41	-13.00 -1.04 37.17	-21.08 -1.26 52.19	-21.15 -1.29 59.47	16.90 -0.92 20.55	-11.98 -0.87 41.96	0.67 -0.68 22.10	-21.10 -0.73 43.17	-21.14 -0.76 42.57	-21.11 -0.66 39.83
CHAT_HIGH_FALL_HYD 323578	-20.16 -0.50 33.93	-19.39 -0.59 34.63	-19.69 -0.39 32.84	-23.06 -0.51 40.25	-23.87 -0.46 41.26	-1.67 -0.38 22.64	11.32 -0.40 11.34	28.32 -0.41 0.00	23.12 -0.35 0.00	21.29 -0.41 0.40	23.75 -0.52 0.00	23.33 -0.42 0.00	21.32 -0.63 0.00	15.41 -0.83 6.40	2.53 -0.98 18.44	-15.08 -1.00 39.30	-19.55 -1.14 50.78	-25.35 -1.11 63.86	15.41 -0.83 22.13	-15.09 -0.76 45.19	-0.96 -0.60 23.79	-24.29 -0.61 46.49	-24.28 -0.62 45.84	-24.05 -0.54 42.89
CHAUTAUQUA___LFGE 323629	13.33 -0.88 0.06	14.92 -0.90 0.00	12.65 -0.89 0.00	16.51 -1.19 0.00	16.79 -1.07 0.00	20.01 -1.34 0.00	21.77 -1.28 0.00	27.13 -1.61 0.00	22.08 -1.39 0.00	18.28 -1.25 2.58	15.17 -1.16 7.93	18.14 -1.23 4.39	20.63 -1.28 0.05	15.51 -1.20 5.93	13.57 -1.22 7.16	17.11 -1.40 6.71	20.43 -1.95 9.99	25.65 -2.28 11.70	24.28 -2.30 11.80	18.01 -1.88 10.96	12.14 -1.52 9.78	15.13 -1.42 6.26	20.95 -1.24 0.00	18.07 -1.31 0.00
CHERRYST_13_KV_LD 356241	15.29 1.01 0.00	16.86 1.03 0.00	14.33 0.80 0.00	18.71 1.01 0.00	18.79 0.93 0.00	22.53 1.18 0.00	24.31 1.25 0.00	30.54 1.80 0.00	25.08 1.60 0.00	24.43 1.63 -0.70	26.31 2.05 0.00	25.85 2.10 0.00	23.92 1.97 0.00	24.69 2.05 0.00	24.08 2.13 0.00	27.52 2.31 0.00	35.26 2.90 0.00	42.85 3.23 0.00	41.44 3.07 0.00	33.37 2.52 0.00	25.30 1.86 0.00	24.59 1.77 0.00	23.89 1.71 0.00	21.26 1.51 -0.36

CHESTROR_138KV_BK263 355645	15.10 0.82 0.00	16.67 0.84 0.00	14.19 0.66 0.00	18.53 0.83 0.00	18.61 0.75 0.00	22.31 0.96 0.00	24.09 1.04 0.00	30.22 1.48 0.00	24.75 1.28 0.00	23.35 1.24 0.00	25.80 1.54 0.00	25.32 1.56 0.00	23.39 1.44 0.00	24.16 1.52 0.00	23.54 1.59 0.00	26.98 1.76 0.00	34.71 2.34 0.00	42.37 2.75 0.00	41.02 2.65 0.00	32.95 2.10 0.00	24.97 1.53 0.00	24.28 1.47 0.00	23.62 1.43 0.00	20.95 1.26 -0.31
CH_MIDHUDSON___DRP 24192	15.10 0.83 0.00	16.66 0.84 0.00	14.17 0.65 0.00	18.51 0.81 0.00	18.60 0.74 0.00	22.29 0.94 0.00	24.08 1.03 0.00	30.21 1.47 0.00	24.74 1.27 0.00	23.98 1.26 -0.61	25.81 1.55 0.00	25.30 1.54 0.00	23.38 1.43 0.00	24.16 1.51 0.00	23.55 1.60 0.00	26.99 1.78 0.00	34.65 2.28 0.00	42.26 2.65 0.00	40.92 2.54 0.00	32.89 2.03 0.00	24.94 1.50 0.00	24.25 1.44 0.00	23.56 1.38 0.00	20.89 1.22 -0.29
CH_MISC_IPPS 23765	15.18 0.91 0.00	16.75 0.92 0.00	14.25 0.72 0.00	18.61 0.91 0.00	18.70 0.84 0.00	22.41 1.06 0.00	24.22 1.17 0.00	30.39 1.66 0.00	24.89 1.42 0.00	23.49 1.39 0.00	25.94 1.68 0.00	25.44 1.69 0.00	23.54 1.59 0.00	24.31 1.67 0.00	23.70 1.75 0.00	27.17 1.96 0.00	34.91 2.54 0.00	42.58 2.96 0.00	41.21 2.83 0.00	33.12 2.27 0.00	25.10 1.67 0.00	24.41 1.59 0.00	23.71 1.53 0.00	20.72 1.34 0.00
CH_RES_BVR_FALLS 23983	-39.35 -0.28 53.35	-39.59 -0.27 55.15	-34.68 -0.24 47.97	6.40 -0.35 10.94	16.12 -0.33 1.40	20.21 -0.38 0.77	22.27 -0.40 0.38	28.28 -0.46 0.00	23.06 -0.41 0.00	21.10 -0.34 0.66	23.94 -0.33 0.00	23.44 -0.31 0.00	21.62 -0.33 0.00	11.73 -0.37 10.54	-7.84 -0.41 29.38	14.86 -0.49 9.87	-33.28 -0.69 64.96	34.69 -0.64 4.29	37.00 -0.63 0.75	28.71 -0.62 1.53	22.09 -0.54 0.81	20.68 -0.55 1.57	15.16 -0.55 6.48	17.50 -0.43 1.45
CH_RES_NIAGARA 23895	13.05 -1.17 0.05	14.60 -1.22 0.00	12.32 -1.21 0.00	16.05 -1.65 0.00	16.39 -1.47 0.00	19.53 -1.82 0.00	21.21 -1.85 0.00	26.26 -2.48 0.00	21.36 -2.11 0.00	17.84 -1.93 2.34	15.10 -1.98 7.18	17.68 -2.10 3.98	19.86 -2.05 0.04	15.27 -1.95 5.41	13.47 -1.94 6.53	16.86 -2.23 6.12	20.09 -3.15 9.13	24.98 -3.94 10.70	23.85 -3.73 10.80	18.09 -2.74 10.02	12.38 -2.10 8.95	15.07 -2.01 5.73	20.43 -1.75 0.00	17.58 -1.80 0.00
CH_RES_SYRACUSE 23985	14.12 -0.16 0.00	15.64 -0.18 0.00	13.34 -0.19 0.00	17.44 -0.25 0.00	17.62 -0.23 0.00	21.07 -0.28 0.00	22.78 -0.27 0.00	28.36 -0.38 0.00	23.17 -0.31 0.00	21.80 -0.31 0.00	23.89 -0.38 0.00	23.36 -0.39 0.00	21.63 -0.32 0.00	22.32 -0.32 0.00	21.66 -0.28 0.00	24.92 -0.29 0.00	32.03 -0.34 0.00	39.24 -0.38 0.00	38.01 -0.37 0.00	30.54 -0.31 0.00	23.19 -0.25 0.00	22.57 -0.25 0.00	21.94 -0.24 0.00	19.14 -0.25 0.00
CLINTON_WT_PWR 323605	-21.95 -0.56 35.66	-21.28 -0.65 36.46	-21.15 -0.47 34.22	-21.07 -0.63 38.14	-21.04 -0.58 38.32	-0.18 -0.51 21.03	12.01 -0.50 10.53	28.19 -0.54 0.00	23.03 -0.44 0.00	21.22 -0.46 0.42	23.73 -0.53 0.00	23.35 -0.40 0.00	21.33 -0.62 0.00	15.03 -0.84 6.77	1.54 -1.00 19.41	-13.00 -1.04 37.17	-21.08 -1.26 52.19	-21.15 -1.29 59.47	16.90 -0.92 20.55	-11.98 -0.87 41.96	0.67 -0.68 22.10	-21.10 -0.73 43.17	-21.14 -0.76 42.57	-21.11 -0.66 39.83
CLINTON___LFGE 323618	-21.29 -0.35 35.21	-20.61 -0.45 35.98	-20.62 -0.30 33.86	-21.41 -0.41 38.69	-21.60 -0.37 39.08	-0.34 -0.24 21.45	12.12 -0.18 10.75	28.63 -0.11 0.00	23.37 -0.10 0.00	21.50 -0.19 0.42	24.00 -0.27 0.00	23.67 -0.09 0.00	21.55 -0.40 0.00	15.35 -0.61 6.67	2.02 -0.77 19.15	-13.26 -0.74 37.73	-20.32 -0.87 51.82	-21.76 -0.76 60.62	16.93 -0.48 20.97	-12.46 -0.50 42.80	0.52 -0.38 22.54	-21.62 -0.39 44.04	-21.64 -0.40 43.43	-21.63 -0.39 40.63
COBBLENY_34_KV_TB1 80064	13.52 -0.70 0.06	15.12 -0.70 0.00	12.78 -0.74 0.00	16.67 -1.03 0.00	16.98 -0.88 0.00	20.26 -1.09 0.00	22.04 -1.01 0.00	27.43 -1.31 0.00	22.33 -1.15 0.00	18.59 -1.01 2.50	15.62 -0.96 7.68	18.43 -1.08 4.25	20.82 -1.08 0.05	15.94 -1.00 5.70	14.06 -1.01 6.87	17.65 -1.13 6.44	21.16 -1.61 9.59	26.44 -1.94 11.23	25.20 -1.84 11.33	18.95 -1.38 10.52	12.89 -1.16 9.38	15.71 -1.09 6.01	21.25 -0.93 0.00	18.30 -1.09 0.00
COFFEEN___115KV_TB3 355620	11.21 -0.18 2.88	12.47 -0.31 3.05	11.03 -0.30 2.20	22.24 -0.36 -4.90	24.15 -0.29 -6.58	24.74 -0.22 -3.61	24.88 0.02 -1.81	28.98 0.24 0.00	23.54 0.06 0.00	21.71 -0.36 0.04	23.78 -0.48 0.00	23.13 -0.62 0.00	21.27 -0.69 0.00	21.02 -1.00 0.62	19.47 -0.84 1.63	29.73 -0.40 -4.92	30.09 -0.33 1.95	50.29 0.81 -9.86	42.77 0.86 -3.53	38.55 0.48 -7.21	27.34 0.10 -3.80	30.23 0.00 -7.42	29.39 -0.11 -7.32	26.10 -0.13 -6.85
COLDSPRG_115KV_BK1 355956	13.69 -0.52 0.07	15.32 -0.50 0.00	12.97 -0.56 0.00	16.94 -0.75 0.00	17.24 -0.62 0.00	20.57 -0.78 0.00	22.42 -0.63 0.00	27.99 -0.75 0.00	22.82 -0.65 0.00	20.18 -0.52 1.41	19.55 -0.37 4.33	20.89 -0.46 2.40	21.39 -0.53 0.03	19.14 -0.40 3.10	17.73 -0.48 3.74	21.16 -0.55 3.51	26.28 -0.87 5.22	32.64 -0.92 6.06	31.28 -1.02 6.08	24.28 -0.92 5.65	17.58 -0.83 5.04	18.89 -0.69 3.23	21.56 -0.63 0.00	18.56 -0.82 0.00
COLONIE_LFGE___ 323577	15.00 0.64 -0.09	16.48 0.65 0.00	14.04 0.51 0.00	18.35 0.65 0.00	18.48 0.62 0.00	22.19 0.81 -0.03	23.94 0.89 0.00	29.98 1.24 0.00	24.50 1.03 0.00	34.95 0.93 -11.92	25.20 0.94 0.00	24.64 0.88 0.00	22.71 0.76 0.00	23.46 0.82 0.00	22.88 0.93 0.00	26.34 1.12 0.00	33.74 1.37 0.00	41.40 1.78 0.00	40.09 1.72 0.00	32.21 1.36 0.00	24.53 1.09 0.00	23.87 1.05 0.00	23.19 1.01 0.00	25.59 0.91 -5.29
COOPERNY_115KV_TB1 80082	14.74 0.46 0.00	16.31 0.48 0.00	13.90 0.37 0.00	18.16 0.46 0.00	18.28 0.42 0.00	21.86 0.51 0.00	23.59 0.54 0.00	29.52 0.79 0.00	24.17 0.69 0.00	22.79 0.69 0.00	25.14 0.88 0.00	24.64 0.88 0.00	22.76 0.81 0.00	23.48 0.84 0.00	22.84 0.89 0.00	26.20 0.99 0.00	33.66 1.29 0.00	41.13 1.51 0.00	39.81 1.43 0.00	31.99 1.14 0.00	24.26 0.82 0.00	23.59 0.78 0.00	22.94 0.76 0.00	20.06 0.67 0.00
COPENHAGEN_WT_PWR 323753	11.09 -0.47 2.71	12.33 -0.63 2.87	10.90 -0.56 2.07	21.62 -0.71 -4.64	23.43 -0.66 -6.23	24.10 -0.67 -3.42	24.25 -0.51 -1.71	28.28 -0.45 0.00	23.00 -0.47 0.00	21.33 -0.75 0.04	23.43 -0.83 0.00	22.85 -0.90 0.00	20.97 -0.98 0.00	20.75 -1.31 0.58	19.30 -1.12 1.53	29.05 -0.81 -4.66	29.55 -1.00 1.82	48.90 -0.05 -9.33	41.72 0.00 -3.34	37.45 -0.23 -6.82	26.57 -0.46 -3.59	29.29 -0.54 -7.02	28.49 -0.62 -6.93	25.33 -0.53 -6.48
CORNELL_____ 23752	14.64 0.06 -0.31	15.89 0.06 0.00	13.55 0.02 0.00	17.72 0.03 0.00	17.90 0.05 0.00	21.40 0.05 0.00	23.22 0.17 0.00	29.02 0.29 0.00	23.71 0.23 0.00	23.34 0.10 -1.13	27.80 0.07 -3.47	25.70 0.02 -1.92	21.96 -0.01 -0.02	25.24 -0.04 -2.63	25.12 -0.01 -3.18	28.31 0.11 -2.98	37.17 0.36 -4.44	45.45 0.65 -5.18	44.23 0.63 -5.23	36.15 0.45 -4.85	28.06 0.29 -4.33	25.84 0.25 -2.77	22.38 0.20 0.00	19.48 0.10 0.00

CORONA__69_KV_TB1 355595	15.27 1.00 0.00	16.79 0.97 0.00	14.26 0.72 0.00	18.64 0.94 0.00	18.68 0.82 0.00	22.39 1.04 0.00	24.16 1.11 0.00	30.29 1.55 0.00	24.86 1.38 0.00	24.23 1.42 -0.70	26.26 1.99 0.00	25.75 1.99 0.00	23.68 1.73 0.00	24.43 1.79 0.00	23.78 1.84 0.00	27.17 1.96 0.00	34.79 2.42 0.00	42.34 2.72 0.00	41.08 2.70 0.00	33.02 2.17 0.00	25.14 1.70 0.00	24.49 1.68 0.00	23.83 1.65 0.00	21.18 1.44 -0.36
CORTLAND__115KV_TB3 80093	14.36 0.00 -0.08	15.82 0.00 0.00	13.49 -0.04 0.00	17.65 -0.04 0.00	17.82 -0.04 0.00	21.30 -0.05 0.00	23.08 0.03 0.00	28.81 0.07 0.00	23.54 0.06 0.00	22.50 0.01 -0.38	25.41 -0.02 -1.17	24.33 -0.05 -0.63	21.90 -0.05 0.00	22.57 -0.07 0.00	21.92 -0.02 0.00	25.23 0.02 0.00	32.51 0.14 0.00	39.96 0.34 0.00	38.69 0.31 0.00	31.05 0.20 0.00	23.55 0.11 0.00	22.91 0.09 0.00	22.25 0.06 0.00	19.39 0.00 0.00
COXSACKIE__GT 23611	15.05 0.86 0.09	16.74 0.91 0.00	14.27 0.74 0.00	18.64 0.95 0.00	18.78 0.93 0.00	22.53 1.21 0.03	24.47 1.42 0.00	30.58 1.84 0.00	24.84 1.36 0.00	12.10 1.12 11.13	25.15 0.89 0.00	24.64 0.89 0.00	22.85 0.90 0.00	23.56 0.92 0.00	22.81 0.87 0.00	26.30 1.09 0.00	34.04 1.67 0.00	42.19 2.57 0.00	41.09 2.72 0.00	32.93 2.07 0.00	25.05 1.60 0.00	24.32 1.51 0.00	23.54 1.36 0.00	15.16 1.18 5.41
CPV_VALLEY__CC1 323721	14.89 0.61 0.00	16.45 0.63 0.00	14.01 0.48 0.00	18.30 0.60 0.00	18.39 0.53 0.00	22.02 0.67 0.00	23.76 0.71 0.00	29.78 1.04 0.00	24.39 0.92 0.00	23.04 0.93 0.00	25.45 1.18 0.00	24.95 1.20 0.00	23.07 1.12 0.00	23.81 1.17 0.00	23.19 1.24 0.00	26.57 1.36 0.00	34.13 1.76 0.00	41.65 2.03 0.00	40.32 1.94 0.00	32.40 1.54 0.00	24.56 1.12 0.00	23.88 1.06 0.00	23.23 1.05 0.00	20.32 0.93 0.00
CPV_VALLEY__CC2 323722	14.89 0.61 0.00	16.45 0.63 0.00	14.01 0.48 0.00	18.30 0.60 0.00	18.39 0.53 0.00	22.02 0.67 0.00	23.76 0.71 0.00	29.78 1.04 0.00	24.39 0.92 0.00	23.04 0.93 0.00	25.45 1.18 0.00	24.95 1.20 0.00	23.07 1.12 0.00	23.81 1.17 0.00	23.19 1.24 0.00	26.57 1.36 0.00	34.13 1.76 0.00	41.65 2.03 0.00	40.32 1.94 0.00	32.40 1.54 0.00	24.56 1.12 0.00	23.88 1.06 0.00	23.23 1.05 0.00	20.32 0.93 0.00
CRESCENT__HYD 24018	15.00 0.64 -0.09	16.48 0.65 0.00	14.04 0.51 0.00	18.35 0.65 0.00	18.48 0.62 0.00	22.19 0.81 -0.03	23.94 0.89 0.00	29.98 1.24 0.00	24.50 1.03 0.00	34.95 0.93 -11.92	25.20 0.94 0.00	24.64 0.88 0.00	22.71 0.76 0.00	23.46 0.82 0.00	22.88 0.93 0.00	26.34 1.12 0.00	33.74 1.37 0.00	41.40 1.78 0.00	40.09 1.72 0.00	32.21 1.36 0.00	24.53 1.09 0.00	23.87 1.05 0.00	23.19 1.01 0.00	25.59 0.91 -5.29
CRICKET__VALLEY_CC1 323756	14.98 0.69 -0.01	16.48 0.65 0.00	14.03 0.49 0.00	18.32 0.62 0.00	18.41 0.55 0.00	22.07 0.72 0.00	23.84 0.78 0.00	29.90 1.17 0.00	24.51 1.03 0.00	24.50 1.04 -1.35	25.52 1.26 0.00	25.00 1.25 0.00	23.11 1.16 0.00	23.86 1.22 0.00	23.28 1.33 0.00	26.69 1.48 0.00	34.27 1.90 0.00	41.81 2.19 0.00	40.50 2.12 0.00	32.54 1.69 0.00	24.68 1.24 0.00	24.01 1.20 0.00	23.34 1.16 0.00	21.06 1.04 -0.63
CRICKET__VALLEY_CC2 323757	14.98 0.69 -0.01	16.48 0.65 0.00	14.03 0.49 0.00	18.32 0.62 0.00	18.41 0.55 0.00	22.07 0.72 0.00	23.84 0.78 0.00	29.90 1.17 0.00	24.51 1.03 0.00	24.50 1.04 -1.35	25.52 1.26 0.00	25.00 1.25 0.00	23.11 1.16 0.00	23.86 1.22 0.00	23.28 1.33 0.00	26.69 1.48 0.00	34.27 1.90 0.00	41.81 2.19 0.00	40.50 2.12 0.00	32.54 1.69 0.00	24.68 1.24 0.00	24.01 1.20 0.00	23.34 1.16 0.00	21.06 1.04 -0.63
CRICKET__VALLEY_CC3 323758	14.98 0.69 -0.01	16.48 0.65 0.00	14.03 0.49 0.00	18.32 0.62 0.00	18.41 0.55 0.00	22.07 0.72 0.00	23.84 0.78 0.00	29.90 1.17 0.00	24.51 1.03 0.00	24.50 1.04 -1.35	25.52 1.26 0.00	25.00 1.25 0.00	23.11 1.16 0.00	23.86 1.22 0.00	23.28 1.33 0.00	26.69 1.48 0.00	34.27 1.90 0.00	41.81 2.19 0.00	40.50 2.12 0.00	32.54 1.69 0.00	24.68 1.24 0.00	24.01 1.20 0.00	23.34 1.16 0.00	21.06 1.04 -0.63
CRUCIBLE__METL_DRP 24180	14.12 -0.16 0.00	15.64 -0.18 0.00	13.34 -0.18 0.00	17.44 -0.25 0.00	17.62 -0.24 0.00	21.07 -0.28 0.00	22.78 -0.27 0.00	28.36 -0.38 0.00	23.17 -0.31 0.00	21.80 -0.31 0.00	23.88 -0.38 0.00	23.36 -0.39 0.00	21.63 -0.32 0.00	22.32 -0.32 0.00	21.66 -0.28 0.00	24.92 -0.30 0.00	32.03 -0.34 0.00	39.24 -0.38 0.00	38.01 -0.37 0.00	30.54 -0.31 0.00	23.19 -0.25 0.00	22.56 -0.25 0.00	21.94 -0.24 0.00	19.14 -0.25 0.00
DAHOWA__HYDRO 323763	15.14 0.81 -0.06	16.66 0.83 0.00	14.22 0.69 0.00	18.57 0.88 0.00	18.73 0.87 0.00	22.49 1.12 -0.02	24.33 1.28 0.00	30.44 1.71 0.00	24.87 1.39 0.00	31.20 1.20 -7.90	25.37 1.11 0.00	24.76 1.01 0.00	22.76 0.81 0.00	23.51 0.87 0.00	22.94 0.99 0.00	26.57 1.35 0.00	34.11 1.74 0.00	41.96 2.34 0.00	40.66 2.28 0.00	32.60 1.75 0.00	24.83 1.39 0.00	24.16 1.34 0.00	23.49 1.31 0.00	24.18 1.15 -3.64
DANC__LFGE 323619	12.11 -0.40 1.77	13.44 -0.50 1.88	11.72 -0.46 1.34	20.30 -0.60 -3.20	21.57 -0.56 -4.27	23.08 -0.61 -2.34	23.69 -0.54 -1.18	28.17 -0.57 0.00	22.94 -0.53 0.00	21.41 -0.68 0.02	23.50 -0.76 0.00	22.93 -0.82 0.00	21.12 -0.83 0.00	21.22 -1.04 0.38	20.04 -0.90 1.00	27.66 -0.76 -3.21	30.30 -0.92 1.14	45.62 -0.40 -6.40	40.32 -0.35 -2.29	35.11 -0.43 -4.68	25.41 -0.50 -2.47	27.10 -0.53 -4.82	26.38 -0.55 -4.75	23.34 -0.49 -4.44
DANSKAMMER__1 23586	15.18 0.91 0.00	16.75 0.92 0.00	14.25 0.72 0.00	18.61 0.91 0.00	18.70 0.84 0.00	22.41 1.06 0.00	24.22 1.17 0.00	30.39 1.66 0.00	24.89 1.42 0.00	23.49 1.39 0.00	25.94 1.68 0.00	25.44 1.69 0.00	23.54 1.59 0.00	24.31 1.67 0.00	23.70 1.75 0.00	27.17 1.96 0.00	34.91 2.54 0.00	42.58 2.96 0.00	41.21 2.83 0.00	33.12 2.27 0.00	25.10 1.67 0.00	24.41 1.59 0.00	23.71 1.53 0.00	20.72 1.34 0.00
DANSKAMMER__2 23589	15.18 0.91 0.00	16.75 0.92 0.00	14.25 0.72 0.00	18.61 0.91 0.00	18.70 0.84 0.00	22.41 1.06 0.00	24.22 1.17 0.00	30.39 1.66 0.00	24.89 1.42 0.00	23.49 1.39 0.00	25.94 1.68 0.00	25.44 1.69 0.00	23.54 1.59 0.00	24.31 1.67 0.00	23.70 1.75 0.00	27.17 1.96 0.00	34.91 2.54 0.00	42.58 2.96 0.00	41.21 2.83 0.00	33.12 2.27 0.00	25.10 1.67 0.00	24.41 1.59 0.00	23.71 1.53 0.00	20.72 1.34 0.00
DANSKAMMER__3 23590	15.18 0.91 0.00	16.75 0.92 0.00	14.25 0.72 0.00	18.61 0.91 0.00	18.70 0.84 0.00	22.41 1.06 0.00	24.22 1.17 0.00	30.39 1.66 0.00	24.89 1.42 0.00	23.49 1.39 0.00	25.94 1.68 0.00	25.44 1.69 0.00	23.54 1.59 0.00	24.31 1.67 0.00	23.70 1.75 0.00	27.17 1.96 0.00	34.91 2.54 0.00	42.58 2.96 0.00	41.21 2.83 0.00	33.12 2.27 0.00	25.10 1.67 0.00	24.41 1.59 0.00	23.71 1.53 0.00	20.72 1.34 0.00

DANSKAMMER___4 23591	15.18 0.91 0.00	16.75 0.92 0.00	14.25 0.72 0.00	18.61 0.91 0.00	18.70 0.84 0.00	22.41 1.06 0.00	24.22 1.17 0.00	30.39 1.66 0.00	24.89 1.42 0.00	23.49 1.39 0.00	25.94 1.68 0.00	25.44 1.69 0.00	23.54 1.59 0.00	24.31 1.67 0.00	23.70 1.75 0.00	27.17 1.96 0.00	34.91 2.54 0.00	42.58 2.96 0.00	41.21 2.83 0.00	33.12 2.27 0.00	25.10 1.67 0.00	24.41 1.59 0.00	23.71 1.53 0.00	20.72 1.34 0.00
DANSKAMMER___DIESEL 23592	15.18 0.91 0.00	16.75 0.92 0.00	14.25 0.72 0.00	18.61 0.91 0.00	18.69 0.84 0.00	22.41 1.06 0.00	24.22 1.17 0.00	30.39 1.66 0.00	24.89 1.42 0.00	23.49 1.39 0.00	25.95 1.69 0.00	25.45 1.70 0.00	23.53 1.58 0.00	24.31 1.67 0.00	23.70 1.75 0.00	27.17 1.96 0.00	34.90 2.54 0.00	42.58 2.96 0.00	41.22 2.85 0.00	33.12 2.27 0.00	25.10 1.67 0.00	24.41 1.59 0.00	23.71 1.53 0.00	20.72 1.33 0.00
DARBY___SOLAR 323810	15.09 0.76 -0.06	16.60 0.78 0.00	14.17 0.64 0.00	18.51 0.81 0.00	18.66 0.80 0.00	22.41 1.03 -0.02	24.22 1.17 0.00	30.30 1.57 0.00	24.75 1.27 0.00	31.61 1.09 -8.41	25.28 1.01 0.00	24.67 0.91 0.00	22.69 0.74 0.00	23.44 0.80 0.00	22.87 0.93 0.00	26.46 1.24 0.00	33.99 1.62 0.00	41.79 2.17 0.00	40.50 2.12 0.00	32.49 1.64 0.00	24.73 1.29 0.00	24.06 1.25 0.00	23.40 1.22 0.00	24.31 1.07 -3.85
DASHVILLE___HYD 23610	14.99 0.74 0.02	16.55 0.73 0.00	14.09 0.56 0.00	18.40 0.71 0.00	18.49 0.63 0.00	22.12 0.78 0.01	23.88 0.83 0.00	29.99 1.25 0.00	24.61 1.13 0.00	20.57 1.16 2.69	25.67 1.41 0.00	25.18 1.43 0.00	23.27 1.32 0.00	24.04 1.40 0.00	23.45 1.50 0.00	26.86 1.64 0.00	34.47 2.10 0.00	42.01 2.39 0.00	40.68 2.30 0.00	32.70 1.85 0.00	24.79 1.35 0.00	24.10 1.29 0.00	23.25 1.07 0.00	18.96 0.93 1.36
DEERFIELD_69_KV_DEERFIELD LD 355887	15.22 0.94 0.00	16.71 0.88 0.00	14.18 0.65 0.00	18.62 0.92 0.00	18.59 0.73 0.00	22.24 0.89 0.00	24.07 1.02 0.00	30.13 1.40 0.00	24.77 1.30 0.00	24.12 1.31 -0.70	26.25 1.99 0.00	25.82 2.07 0.00	23.72 1.77 0.00	24.38 1.74 0.00	23.67 1.72 0.00	26.83 1.62 0.00	18.88 1.65 15.14	28.67 1.80 12.75	40.28 1.91 0.00	32.61 1.76 0.00	25.00 1.56 0.00	24.42 1.61 0.00	23.79 1.61 0.00	21.13 1.38 -0.36
DELAWARE___LFGE 323621	14.58 0.30 0.00	16.17 0.34 0.00	13.79 0.26 0.00	18.04 0.34 0.00	18.17 0.31 0.00	21.68 0.33 0.00	23.45 0.39 0.00	29.31 0.57 0.00	23.96 0.48 0.00	22.58 0.47 0.00	24.84 0.58 0.00	24.33 0.58 0.00	22.48 0.53 0.00	23.17 0.53 0.00	22.50 0.56 0.00	25.84 0.63 0.00	33.21 0.84 0.00	40.64 1.02 0.00	39.33 0.95 0.00	31.61 0.76 0.00	23.98 0.54 0.00	23.32 0.51 0.00	22.65 0.46 0.00	19.77 0.38 0.00
DERFIELD_115KV_TB7 355931	16.37 0.07 -2.03	18.00 0.08 -2.10	15.40 0.05 -1.82	18.12 0.05 -0.37	17.89 0.04 0.00	21.39 0.04 0.00	23.09 0.03 0.00	28.80 0.06 0.00	23.55 0.07 0.00	22.20 0.07 -0.03	24.34 0.07 0.00	23.83 0.07 0.00	22.02 0.07 0.00	23.11 0.07 -0.40	23.17 0.11 -1.12	25.66 0.12 -0.33	34.96 0.14 -2.46	39.89 0.19 -0.08	38.56 0.18 0.00	30.98 0.12 0.00	23.56 0.12 0.00	22.92 0.12 0.00	22.27 0.11 0.09	19.47 0.08 0.00
DOGLEVILLE___HYD 23807	16.53 0.23 -2.03	18.19 0.26 -2.10	15.53 0.18 -1.82	18.26 0.19 -0.37	17.99 0.13 0.00	21.53 0.18 0.00	23.26 0.21 0.00	29.15 0.42 0.00	23.73 0.25 0.00	22.23 0.10 -0.03	24.20 -0.06 0.00	23.55 -0.21 0.00	21.76 -0.19 0.00	22.82 -0.22 -0.40	22.96 -0.11 -1.12	25.53 -0.01 -0.33	35.07 0.25 -2.46	40.48 0.78 -0.08	39.03 0.65 0.00	31.33 0.48 0.00	23.98 0.54 0.00	23.29 0.48 0.00	22.51 0.33 0.00	19.64 0.26 0.00
DUNKIRK___115KV_TB_200 55889	13.35 -0.86 0.06	14.94 -0.88 0.00	12.66 -0.87 0.00	16.53 -1.16 0.00	16.81 -1.05 0.00	20.03 -1.32 0.00	21.80 -1.25 0.00	27.15 -1.59 0.00	22.10 -1.37 0.00	18.25 -1.23 2.63	15.03 -1.17 8.07	18.05 -1.24 4.47	20.67 -1.23 0.05	15.42 -1.18 6.04	13.47 -1.19 7.28	17.02 -1.37 6.83	20.29 -1.92 10.17	25.43 -2.28 11.91	24.10 -2.27 12.01	17.85 -1.84 11.16	11.98 -1.51 9.95	15.05 -1.39 6.38	20.99 -1.19 0.00	18.11 -1.27 0.00
DUNKIRK___1 23563	13.35 -0.86 0.06	14.94 -0.88 0.00	12.66 -0.87 0.00	16.53 -1.16 0.00	16.81 -1.05 0.00	20.03 -1.32 0.00	21.80 -1.25 0.00	27.15 -1.59 0.00	22.10 -1.37 0.00	18.25 -1.23 2.63	15.03 -1.17 8.07	18.05 -1.24 4.47	20.67 -1.23 0.05	15.42 -1.18 6.04	13.47 -1.19 7.28	17.02 -1.37 6.83	20.29 -1.92 10.17	25.43 -2.28 11.91	24.10 -2.27 12.01	17.85 -1.84 11.16	11.98 -1.51 9.95	15.05 -1.39 6.38	20.99 -1.19 0.00	18.11 -1.27 0.00
DUNKIRK___2 23564	13.35 -0.86 0.06	14.94 -0.88 0.00	12.66 -0.87 0.00	16.53 -1.16 0.00	16.81 -1.05 0.00	20.03 -1.32 0.00	21.80 -1.25 0.00	27.15 -1.59 0.00	22.10 -1.37 0.00	18.25 -1.23 2.63	15.03 -1.17 8.07	18.05 -1.24 4.47	20.67 -1.23 0.05	15.42 -1.18 6.04	13.47 -1.19 7.28	17.02 -1.37 6.83	20.29 -1.92 10.17	25.43 -2.28 11.91	24.10 -2.27 12.01	17.85 -1.84 11.16	11.98 -1.51 9.95	15.05 -1.39 6.38	20.99 -1.19 0.00	18.11 -1.27 0.00
DUNKIRK___3 23565	13.38 -0.84 0.06	14.97 -0.85 0.00	12.69 -0.84 0.00	16.56 -1.14 0.00	16.83 -1.03 0.00	20.07 -1.29 0.00	21.83 -1.23 0.00	27.17 -1.56 0.00	22.12 -1.35 0.00	18.02 -1.19 2.89	14.26 -1.13 8.88	17.63 -1.21 4.92	20.69 -1.20 0.05	14.82 -1.15 6.68	12.74 -1.16 8.05	16.35 -1.32 7.55	19.27 -1.86 11.24	24.23 -2.21 13.18	22.89 -2.18 13.30	16.74 -1.76 12.35	10.97 -1.45 11.02	14.41 -1.34 7.06	21.03 -1.15 0.00	18.14 -1.25 0.00
DUNKIRK___4 23566	13.38 -0.84 0.06	14.97 -0.85 0.00	12.69 -0.84 0.00	16.56 -1.14 0.00	16.83 -1.03 0.00	20.07 -1.29 0.00	21.83 -1.23 0.00	27.17 -1.56 0.00	22.12 -1.35 0.00	18.02 -1.19 2.89	14.26 -1.13 8.88	17.63 -1.21 4.92	20.69 -1.20 0.05	14.82 -1.15 6.68	12.74 -1.16 8.05	16.35 -1.32 7.55	19.27 -1.86 11.24	24.23 -2.21 13.18	22.89 -2.18 13.30	16.74 -1.76 12.35	10.97 -1.45 11.02	14.41 -1.34 7.06	21.03 -1.15 0.00	18.14 -1.25 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	15.16 0.89 0.00	16.72 0.90 0.00	14.23 0.69 0.00	18.57 0.87 0.00	18.64 0.79 0.00	22.36 1.01 0.00	24.12 1.07 0.00	30.27 1.54 0.00	24.84 1.36 0.00	24.18 1.38 -0.70	26.01 1.75 0.00	25.54 1.79 0.00	23.62 1.66 0.00	24.38 1.74 0.00	23.76 1.81 0.00	27.18 1.97 0.00	34.85 2.48 0.00	42.42 2.80 0.00	41.05 2.67 0.00	33.03 2.18 0.00	25.05 1.61 0.00	24.36 1.55 0.00	23.69 1.50 0.00	21.07 1.32 -0.36
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	15.10 0.82 0.00	16.67 0.84 0.00	14.18 0.65 0.00	18.52 0.82 0.00	18.60 0.75 0.00	22.30 0.95 0.00	24.08 1.03 0.00	30.21 1.47 0.00	24.74 1.27 0.00	23.37 1.26 0.00	25.81 1.55 0.00	25.32 1.57 0.00	23.42 1.47 0.00	24.18 1.54 0.00	23.56 1.62 0.00	27.00 1.78 0.00	34.70 2.33 0.00	42.34 2.72 0.00	40.98 2.60 0.00	32.93 2.08 0.00	24.96 1.52 0.00	24.27 1.45 0.00	23.58 1.40 0.00	20.62 1.23 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	15.20 0.93 0.00	16.77 0.94 0.00	14.27 0.73 0.00	18.62 0.92 0.00	18.70 0.85 0.00	22.41 1.06 0.00	24.19 1.14 0.00	30.39 1.65 0.00	24.95 1.47 0.00	24.28 1.47 -0.70	26.13 1.87 0.00	25.66 1.91 0.00	23.70 1.75 0.00	24.46 1.82 0.00	23.84 1.90 0.00	27.23 2.01 0.00	34.93 2.56 0.00	42.46 2.84 0.00	41.20 2.83 0.00	33.17 2.31 0.00	25.14 1.70 0.00	24.42 1.60 0.00	23.77 1.59 0.00	21.17 1.43 -0.36
E179THST_13_KV_LOAD 356214	15.26 0.99 0.00	16.83 1.00 0.00	14.32 0.79 0.00	18.69 0.99 0.00	18.77 0.91 0.00	22.49 1.14 0.00	24.28 1.23 0.00	30.52 1.78 0.00	25.06 1.59 0.00	24.38 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.80 1.85 0.00	24.57 1.93 0.00	23.95 2.01 0.00	27.36 2.14 0.00	35.11 2.74 0.00	42.66 3.04 0.00	41.40 3.02 0.00	33.33 2.47 0.00	25.25 1.81 0.00	24.53 1.72 0.00	23.87 1.69 0.00	21.26 1.52 -0.36
EAST HAMPTON___GT 23717	14.92 0.64 0.00	16.38 0.55 0.00	13.93 0.40 0.00	18.34 0.65 0.00	18.27 0.41 0.00	21.82 0.48 0.00	23.65 0.59 0.00	29.59 0.85 0.00	24.33 0.86 0.00	23.74 0.93 -0.70	25.90 1.63 0.00	25.56 1.81 0.00	23.51 1.56 0.00	24.14 1.51 0.00	23.35 1.41 0.00	26.46 1.24 0.00	18.38 1.15 15.14	27.96 1.09 12.75	39.58 1.20 0.00	32.04 1.18 0.00	24.57 1.13 0.00	23.98 1.16 0.00	23.35 1.16 0.00	20.73 0.98 -0.36
EAST RIVER___6 23660	15.28 1.01 0.00	16.84 1.02 0.00	14.32 0.79 0.00	18.69 0.99 0.00	18.77 0.91 0.00	22.51 1.16 0.00	24.29 1.23 0.00	30.52 1.78 0.00	25.06 1.59 0.00	24.42 1.62 -0.70	26.29 2.03 0.00	25.83 2.08 0.00	23.91 1.96 0.00	24.69 2.05 0.00	24.08 2.13 0.00	27.52 2.31 0.00	35.26 2.89 0.00	42.84 3.22 0.00	41.44 3.06 0.00	33.37 2.52 0.00	25.31 1.87 0.00	24.57 1.76 0.00	23.88 1.70 0.00	21.24 1.49 -0.36
EAST RIVER___7 23524	15.28 1.01 0.00	16.84 1.02 0.00	14.32 0.79 0.00	18.69 0.99 0.00	18.77 0.91 0.00	22.51 1.16 0.00	24.29 1.23 0.00	30.52 1.78 0.00	25.06 1.59 0.00	24.42 1.62 -0.70	26.29 2.03 0.00	25.83 2.08 0.00	23.91 1.96 0.00	24.69 2.05 0.00	24.08 2.13 0.00	27.52 2.31 0.00	35.26 2.89 0.00	42.84 3.22 0.00	41.44 3.06 0.00	33.37 2.52 0.00	25.31 1.87 0.00	24.57 1.76 0.00	23.88 1.70 0.00	21.24 1.49 -0.36
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	15.14 0.87 0.00	16.70 0.87 0.00	14.21 0.67 0.00	18.55 0.85 0.00	18.63 0.77 0.00	22.33 0.98 0.00	24.10 1.05 0.00	30.23 1.50 0.00	24.80 1.32 0.00	24.14 1.34 -0.70	25.97 1.70 0.00	25.49 1.73 0.00	23.55 1.61 0.00	24.32 1.68 0.00	23.71 1.76 0.00	27.12 1.91 0.00	34.79 2.42 0.00	42.37 2.75 0.00	41.01 2.63 0.00	32.98 2.13 0.00	25.01 1.57 0.00	24.32 1.51 0.00	23.65 1.47 0.00	21.04 1.30 -0.36
EAST_HAMPTON___DIESEL 23722	14.87 0.59 0.00	16.33 0.51 0.00	13.88 0.35 0.00	18.29 0.60 0.00	18.22 0.36 0.00	21.76 0.41 0.00	23.57 0.52 0.00	29.49 0.76 0.00	24.26 0.78 0.00	23.67 0.87 -0.70	25.83 1.57 0.00	25.51 1.76 0.00	23.47 1.52 0.00	24.09 1.45 0.00	23.30 1.35 0.00	26.39 1.18 0.00	18.29 1.05 15.14	27.83 0.97 12.75	39.45 1.08 0.00	31.94 1.08 0.00	24.49 1.05 0.00	23.91 1.09 0.00	23.28 1.09 0.00	20.66 0.91 -0.36
EAST_POINT___SOLAR 323840	15.07 0.77 -0.03	16.67 0.84 0.00	14.24 0.71 0.00	18.62 0.93 0.00	18.80 0.95 0.00	22.56 1.20 -0.01	24.44 1.39 0.00	30.62 1.88 0.00	24.76 1.28 0.00	26.36 0.70 -3.56	24.79 0.53 0.00	24.05 0.29 0.00	22.48 0.53 0.00	22.96 0.32 0.00	22.23 0.28 0.00	25.62 0.41 0.00	33.53 1.17 0.00	42.07 2.45 0.00	40.86 2.48 0.00	32.85 2.00 0.00	24.95 1.51 0.00	24.23 1.42 0.00	23.48 1.29 0.00	22.27 1.06 -1.83
EAST_PULASKI___ESR 323781	13.12 -0.32 0.83	14.56 -0.38 0.89	12.56 -0.36 0.61	18.97 -0.47 -1.75	19.71 -0.45 -2.30	22.09 -0.52 -1.26	23.16 -0.53 -0.63	28.08 -0.65 0.00	22.93 -0.55 0.00	21.52 -0.58 0.01	23.59 -0.68 0.00	23.04 -0.71 0.00	21.29 -0.66 0.00	21.70 -0.76 0.18	20.80 -0.67 0.47	26.30 -0.67 -1.75	31.10 -0.80 0.47	42.39 -0.69 -3.46	38.98 -0.64 -1.24	32.81 -0.57 -2.53	24.27 -0.50 -1.33	24.92 -0.49 -2.60	24.27 -0.47 -2.56	21.34 -0.44 -2.40
EAST_RIVER___1 323558	15.25 0.97 0.00	16.82 0.99 0.00	14.30 0.77 0.00	18.67 0.97 0.00	18.75 0.89 0.00	22.48 1.13 0.00	24.24 1.18 0.00	30.45 1.71 0.00	24.99 1.52 0.00	24.35 1.54 -0.70	26.20 1.94 0.00	25.74 1.99 0.00	23.83 1.88 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.42 2.20 0.00	35.13 2.76 0.00	42.69 3.08 0.00	41.31 2.93 0.00	33.27 2.42 0.00	25.23 1.79 0.00	24.52 1.71 0.00	23.83 1.65 0.00	21.21 1.46 -0.36
EAST_RIVER___2 323559	15.28 1.01 0.00	16.84 1.02 0.00	14.32 0.79 0.00	18.69 0.99 0.00	18.77 0.91 0.00	22.51 1.16 0.00	24.29 1.23 0.00	30.52 1.78 0.00	25.06 1.59 0.00	24.42 1.62 -0.70	26.29 2.03 0.00	25.83 2.08 0.00	23.91 1.96 0.00	24.69 2.05 0.00	24.08 2.13 0.00	27.52 2.31 0.00	35.26 2.89 0.00	42.84 3.22 0.00	41.44 3.06 0.00	33.37 2.52 0.00	25.31 1.87 0.00	24.57 1.76 0.00	23.88 1.70 0.00	21.24 1.49 -0.36
EAST___DELAWARE_HYD 23607	15.13 0.85 0.00	16.71 0.89 0.00	14.23 0.69 0.00	18.58 0.89 0.00	18.69 0.83 0.00	22.40 1.05 0.00	24.21 1.15 0.00	30.38 1.64 0.00	24.89 1.41 0.00	23.42 1.31 0.00	25.80 1.54 0.00	25.30 1.54 0.00	23.37 1.42 0.00	24.10 1.47 0.00	23.49 1.55 0.00	27.00 1.79 0.00	34.73 2.36 0.00	42.46 2.84 0.00	41.12 2.74 0.00	33.03 2.18 0.00	25.02 1.58 0.00	24.32 1.51 0.00	23.58 1.40 0.00	20.60 1.21 0.00
EIGHT_POINT___WT_PWR 323820	12.94 -1.20 0.13	14.54 -1.29 0.00	12.37 -1.16 0.00	16.28 -1.41 0.00	16.48 -1.38 0.00	19.62 -1.73 0.00	21.33 -1.72 0.00	26.74 -2.00 0.00	21.78 -1.70 0.00	29.93 -1.76 -9.58	51.81 -1.89 -29.43	37.96 -2.10 -16.30	20.15 -1.98 -0.18	43.09 -2.06 -22.51	47.13 -1.99 -27.17	48.51 -2.16 -25.46	67.67 -2.64 -37.94	81.75 -2.69 -44.82	81.10 -2.69 -45.41	70.75 -2.25 -42.15	59.24 -1.85 -37.65	45.00 -1.90 -24.08	20.23 -1.95 0.00	17.63 -1.76 0.00
ELBRIDGE_115KV_TB2 80188	14.03 -0.24 0.00	15.55 -0.27 0.00	13.26 -0.27 0.00	17.34 -0.36 0.00	17.52 -0.34 0.00	20.93 -0.42 0.00	22.63 -0.42 0.00	28.17 -0.57 0.00	23.02 -0.46 0.00	21.67 -0.44 0.00	23.73 -0.53 0.00	23.21 -0.54 0.00	21.50 -0.45 0.00	22.19 -0.45 0.00	21.53 -0.42 0.00	24.76 -0.46 0.00	31.82 -0.55 0.00	38.96 -0.66 0.00	37.73 -0.65 0.00	30.33 -0.52 0.00	23.03 -0.41 0.00	22.41 -0.41 0.00	21.80 -0.39 0.00	19.02 -0.37 0.00
ELEC_TRO_TEK 24086	15.20 0.92 0.00	16.71 0.89 0.00	14.19 0.66 0.00	18.56 0.86 0.00	18.59 0.73 0.00	22.28 0.93 0.00	24.04 0.99 0.00	30.15 1.41 0.00	24.75 1.27 0.00	24.12 1.31 -0.70	26.13 1.87 0.00	25.62 1.87 0.00	23.58 1.63 0.00	24.32 1.68 0.00	23.67 1.73 0.00	27.02 1.81 0.00	31.83 2.24 2.79	39.93 2.50 2.19	40.88 2.51 0.00	32.87 2.02 0.00	25.01 1.57 0.00	24.37 1.56 0.00	23.71 1.52 0.00	21.09 1.34 -0.36

ELLENBURG_WT_PWR 323604	-21.95 -0.56 35.66	-21.28 -0.65 36.46	-21.15 -0.47 34.22	-21.07 -0.63 38.14	-21.04 -0.58 38.32	-0.18 -0.51 21.03	12.01 -0.50 10.53	28.19 -0.54 0.00	23.03 -0.44 0.00	21.22 -0.46 0.42	23.73 -0.53 0.00	23.35 -0.40 0.00	21.33 -0.62 0.00	15.03 -0.84 6.77	1.54 -1.00 19.41	-13.00 -1.04 37.17	-21.08 -1.26 52.19	-21.15 -1.29 59.47	16.90 -0.92 20.55	-11.98 -0.87 41.96	0.67 -0.68 22.10	-21.10 -0.73 43.17	-21.14 -0.76 42.57	-21.11 -0.66 39.83
ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.35 -0.88 0.06	14.93 -0.90 0.00	12.62 -0.91 0.00	16.45 -1.25 0.00	16.77 -1.09 0.00	19.99 -1.36 0.00	21.74 -1.31 0.00	26.98 -1.75 0.00	21.96 -1.51 0.00	17.59 -1.37 3.15	13.23 -1.36 9.67	16.93 -1.47 5.36	20.46 -1.44 0.06	13.98 -1.38 7.29	11.77 -1.39 8.80	15.42 -1.55 8.24	17.89 -2.20 12.28	22.51 -2.69 14.42	21.25 -2.56 14.57	15.40 -1.93 13.53	9.80 -1.56 12.07	13.61 -1.48 7.73	20.92 -1.26 0.00	18.02 -1.36 0.00
EMPIRE_CC_1 323656	14.99 0.63 -0.09	16.46 0.63 0.00	14.02 0.49 0.00	18.32 0.62 0.00	18.44 0.58 0.00	22.14 0.75 -0.04	23.87 0.81 0.00	29.86 1.13 0.00	24.44 0.96 0.00	35.98 0.88 -13.00	25.20 0.94 0.00	24.65 0.90 0.00	22.74 0.79 0.00	23.49 0.85 0.00	22.89 0.94 0.00	26.32 1.11 0.00	33.69 1.32 0.00	41.28 1.66 0.00	39.97 1.60 0.00	32.13 1.28 0.00	24.47 1.03 0.00	23.81 1.00 0.00	23.14 0.95 0.00	25.96 0.87 -5.71
EMPIRE_CC_2 323658	14.99 0.63 -0.09	16.46 0.63 0.00	14.02 0.49 0.00	18.32 0.62 0.00	18.44 0.58 0.00	22.14 0.75 -0.04	23.87 0.81 0.00	29.86 1.13 0.00	24.44 0.96 0.00	35.98 0.88 -13.00	25.20 0.94 0.00	24.65 0.90 0.00	22.74 0.79 0.00	23.49 0.85 0.00	22.89 0.94 0.00	26.32 1.11 0.00	33.69 1.32 0.00	41.28 1.66 0.00	39.97 1.60 0.00	32.13 1.28 0.00	24.47 1.03 0.00	23.81 1.00 0.00	23.14 0.95 0.00	25.96 0.87 -5.71
ENORWICH_115KV_TB1 80156	14.91 0.53 -0.10	16.40 0.58 0.00	13.99 0.46 0.00	18.32 0.62 0.00	18.52 0.67 0.00	22.16 0.81 0.00	24.14 1.08 0.00	30.23 1.50 0.00	24.63 1.16 0.00	23.48 0.83 -0.53	26.86 0.96 -1.64	25.48 0.82 -0.91	22.60 0.64 -0.01	24.41 0.53 -1.24	23.92 0.48 -1.49	27.48 0.87 -1.40	35.75 1.30 -2.08	44.24 2.20 -2.42	42.95 2.15 -2.43	34.69 1.58 -2.25	26.58 1.13 -2.01	25.12 1.02 -1.29	23.05 0.87 0.00	20.03 0.64 0.00
ERIE_ST_34_KV_TB1-2 80199	13.62 -0.60 0.06	15.23 -0.59 0.00	12.88 -0.65 0.00	16.79 -0.91 0.00	17.10 -0.76 0.00	20.39 -0.96 0.00	22.19 -0.86 0.00	27.61 -1.13 0.00	22.49 -0.99 0.00	18.58 -0.83 2.70	15.23 -0.73 8.30	18.30 -0.86 4.59	21.01 -0.89 0.05	15.70 -0.76 6.18	13.68 -0.81 7.46	17.35 -0.87 6.99	20.68 -1.28 10.40	25.88 -1.55 12.19	24.62 -1.45 12.31	18.33 -1.08 11.43	12.31 -0.94 10.19	15.41 -0.87 6.54	21.42 -0.76 0.00	18.44 -0.94 0.00
ERIE_WT_PWR 323693	13.42 -0.80 0.06	15.01 -0.81 0.00	12.69 -0.84 0.00	16.55 -1.15 0.00	16.84 -1.01 0.00	20.10 -1.25 0.00	21.87 -1.18 0.00	27.18 -1.56 0.00	22.11 -1.37 0.00	17.85 -1.22 3.03	13.82 -1.14 9.30	17.33 -1.28 5.15	20.57 -1.32 0.06	14.43 -1.23 6.98	12.30 -1.23 8.42	15.94 -1.39 7.89	18.66 -1.96 11.75	23.50 -2.33 13.78	22.21 -2.24 13.92	16.21 -1.70 12.93	10.54 -1.37 11.53	14.10 -1.32 7.39	21.02 -1.17 0.00	18.13 -1.26 0.00
ESPRGFLD_115KV_TB1 80157	14.71 0.41 -0.02	16.30 0.47 0.00	13.93 0.40 0.00	18.23 0.53 0.00	18.40 0.54 0.00	22.00 0.65 -0.01	23.81 0.76 0.00	29.77 1.03 0.00	24.31 0.84 0.00	25.30 0.69 -2.50	25.09 0.82 0.00	24.56 0.81 0.00	22.72 0.77 0.00	23.32 0.68 0.00	22.57 0.62 0.00	25.92 0.71 0.00	33.48 1.11 0.00	41.17 1.56 0.00	39.85 1.47 0.00	32.04 1.18 0.00	24.28 0.83 0.00	23.58 0.77 0.00	22.88 0.70 0.00	21.21 0.54 -1.28
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.58 0.05 -0.26	15.88 0.06 0.00	13.54 0.01 0.00	17.71 0.01 0.00	17.89 0.03 0.00	21.39 0.04 0.00	23.20 0.15 0.00	28.99 0.25 0.00	23.68 0.21 0.00	23.16 0.08 -0.97	27.29 0.05 -2.98	25.40 0.00 -1.65	21.94 -0.03 -0.02	24.85 -0.05 -2.26	24.65 -0.02 -2.73	27.86 0.09 -2.56	36.49 0.31 -3.81	44.66 0.59 -4.45	43.43 0.56 -4.49	35.42 0.41 -4.16	27.42 0.26 -3.72	25.42 0.23 -2.38	22.36 0.18 0.00	19.47 0.08 0.00
ETNA____115KV_TB2 80207	14.58 0.05 -0.26	15.88 0.06 0.00	13.54 0.01 0.00	17.71 0.01 0.00	17.89 0.03 0.00	21.39 0.04 0.00	23.20 0.15 0.00	28.99 0.25 0.00	23.68 0.21 0.00	23.16 0.08 -0.97	27.29 0.05 -2.98	25.40 0.00 -1.65	21.94 -0.03 -0.02	24.85 -0.05 -2.26	24.65 -0.02 -2.73	27.86 0.09 -2.56	36.49 0.31 -3.81	44.66 0.59 -4.45	43.43 0.56 -4.49	35.42 0.41 -4.16	27.42 0.26 -3.72	25.42 0.23 -2.38	22.36 0.18 0.00	19.47 0.08 0.00
EUCLID____115KV_TB2 356179	14.00 -0.27 0.00	15.52 -0.30 0.00	13.23 -0.30 0.00	17.30 -0.40 0.00	17.47 -0.38 0.00	20.89 -0.46 0.00	22.56 -0.49 0.00	28.06 -0.68 0.00	22.94 -0.53 0.00	21.60 -0.50 0.00	23.67 -0.59 0.00	23.16 -0.60 0.00	21.44 -0.51 0.00	22.12 -0.52 0.00	21.48 -0.47 0.00	24.69 -0.53 0.00	31.70 -0.67 0.00	38.83 -0.79 0.00	37.61 -0.77 0.00	30.22 -0.63 0.00	22.95 -0.49 0.00	22.34 -0.47 0.00	21.73 -0.45 0.00	18.97 -0.42 0.00
E_CANADA_CAP_HY 24051	14.89 0.58 -0.03	16.48 0.65 0.00	14.10 0.57 0.00	18.45 0.75 0.00	18.62 0.77 0.00	22.31 0.95 -0.01	24.09 1.04 0.00	30.10 1.36 0.00	24.53 1.06 0.00	26.18 0.78 -3.29	25.07 0.81 0.00	24.48 0.73 0.00	22.68 0.73 0.00	23.27 0.63 0.00	22.52 0.57 0.00	25.88 0.66 0.00	33.49 1.13 0.00	41.49 1.87 0.00	40.21 1.84 0.00	32.32 1.47 0.00	24.57 1.13 0.00	23.86 1.05 0.00	23.15 0.97 0.00	21.86 0.78 -1.69
E_CANADA_MHWK_HY 24050	16.53 0.23 -2.03	18.19 0.26 -2.10	15.53 0.18 -1.82	18.26 0.19 -0.37	17.99 0.13 0.00	21.53 0.18 0.00	23.26 0.21 0.00	29.15 0.42 0.00	23.73 0.25 0.00	22.23 0.10 -0.03	24.20 -0.06 0.00	23.55 -0.21 0.00	21.76 -0.19 0.00	22.82 -0.22 -0.40	22.96 -0.11 -1.12	25.53 -0.01 -0.33	35.07 0.25 -2.46	40.48 0.78 -0.08	39.03 0.65 0.00	31.33 0.48 0.00	23.98 0.54 0.00	23.29 0.48 0.00	22.51 0.33 0.00	19.64 0.26 0.00
E_FISHKILL____LBMP 23776	15.04 0.76 0.00	16.59 0.76 0.00	14.11 0.58 0.00	18.43 0.74 0.00	18.52 0.66 0.00	22.19 0.84 0.00	23.95 0.89 0.00	30.03 1.30 0.00	24.62 1.15 0.00	23.97 1.15 -0.72	25.71 1.45 0.00	25.22 1.47 0.00	23.30 1.36 0.00	24.06 1.42 0.00	23.45 1.50 0.00	26.86 1.64 0.00	34.46 2.09 0.00	42.02 2.40 0.00	40.67 2.30 0.00	32.71 1.86 0.00	24.81 1.37 0.00	24.12 1.31 0.00	23.47 1.28 0.00	20.90 1.14 -0.37
FALCON____SEABRD_CC1 323796	-21.58 -0.40 35.45	-20.91 -0.50 36.23	-20.86 -0.34 34.05	-21.17 -0.47 38.40	-21.24 -0.42 38.67	-0.18 -0.31 21.22	12.14 -0.28 10.63	28.51 -0.22 0.00	23.29 -0.19 0.00	21.43 -0.26 0.42	23.94 -0.33 0.00	23.63 -0.12 0.00	21.52 -0.43 0.00	15.27 -0.65 6.72	1.87 -0.79 19.29	-13.01 -0.79 37.43	-20.62 -0.97 52.02	-21.30 -0.91 60.01	16.97 -0.66 20.75	-12.14 -0.64 42.35	0.65 -0.48 22.30	-21.25 -0.49 43.58	-21.26 -0.47 42.97	-21.27 -0.45 40.20

FALCON___SEABRD_CC2 323797	-21.58 -0.40 35.45	-20.91 -0.50 36.23	-20.86 -0.34 34.05	-21.17 -0.47 38.40	-21.24 -0.42 38.67	-0.18 -0.31 21.22	12.14 -0.28 10.63	28.51 -0.22 0.00	23.29 -0.19 0.00	21.43 -0.26 0.42	23.94 -0.33 0.00	23.63 -0.12 0.00	21.52 -0.43 0.00	15.27 -0.65 6.72	1.87 -0.79 19.29	-13.01 -0.79 37.43	-20.62 -0.97 52.02	-21.30 -0.91 60.01	16.97 -0.66 20.75	-12.14 -0.64 42.35	0.65 -0.48 22.30	-21.25 -0.49 43.58	-21.26 -0.47 42.97	-21.27 -0.45 40.20
FAR ROCKAWAY___4 23548	15.36 1.09 0.00	16.88 1.06 0.00	14.33 0.80 0.00	18.74 1.04 0.00	18.78 0.92 0.00	22.52 1.17 0.00	24.32 1.26 0.00	30.49 1.75 0.00	25.02 1.54 0.00	24.37 1.57 -0.70	26.43 2.17 0.00	25.92 2.16 0.00	23.84 1.89 0.00	24.60 1.95 0.00	23.95 2.01 0.00	27.38 2.16 0.00	35.26 2.67 -0.23	42.72 3.02 -0.08	41.40 3.02 0.00	33.27 2.42 0.00	25.32 1.88 0.00	24.67 1.86 0.00	23.99 1.81 0.00	21.31 1.57 -0.36
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	15.25 0.97 0.00	16.81 0.99 0.00	14.29 0.76 0.00	18.66 0.96 0.00	18.73 0.88 0.00	22.47 1.12 0.00	24.23 1.17 0.00	30.43 1.69 0.00	24.98 1.50 0.00	24.33 1.53 -0.70	26.20 1.93 0.00	25.73 1.98 0.00	23.81 1.86 0.00	24.58 1.94 0.00	23.96 2.02 0.00	27.38 2.16 0.00	35.04 2.67 0.00	42.63 3.01 0.00	41.27 2.90 0.00	33.24 2.39 0.00	25.21 1.77 0.00	24.50 1.69 0.00	23.82 1.64 0.00	21.27 1.52 -0.36
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	15.25 0.97 0.00	16.81 0.99 0.00	14.30 0.77 0.00	18.67 0.97 0.00	18.74 0.89 0.00	22.47 1.12 0.00	24.23 1.18 0.00	30.44 1.70 0.00	24.99 1.51 0.00	24.34 1.53 -0.70	26.20 1.94 0.00	25.74 1.98 0.00	23.81 1.86 0.00	24.58 1.94 0.00	23.97 2.03 0.00	27.39 2.18 0.00	35.10 2.73 0.00	42.66 3.05 0.00	41.28 2.90 0.00	33.27 2.42 0.00	25.22 1.78 0.00	24.51 1.70 0.00	23.83 1.65 0.00	21.21 1.46 -0.36
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	15.24 0.96 0.00	16.81 0.98 0.00	14.29 0.75 0.00	18.66 0.96 0.00	18.73 0.88 0.00	22.46 1.11 0.00	24.22 1.17 0.00	30.41 1.68 0.00	24.96 1.49 0.00	24.32 1.52 -0.70	26.19 1.92 0.00	25.73 1.97 0.00	23.80 1.85 0.00	24.56 1.92 0.00	23.95 2.00 0.00	27.37 2.16 0.00	35.07 2.70 0.00	42.63 3.01 0.00	41.24 2.86 0.00	33.23 2.38 0.00	25.20 1.76 0.00	24.49 1.68 0.00	23.81 1.62 0.00	21.18 1.44 -0.36
FARRAGUT___LBMP 323566	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.65 0.95 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.14 0.00	30.39 1.65 0.00	24.94 1.46 0.00	24.30 1.49 -0.70	26.16 1.90 0.00	25.69 1.94 0.00	23.77 1.82 0.00	24.54 1.90 0.00	23.93 1.98 0.00	27.34 2.13 0.00	35.04 2.67 0.00	42.59 2.97 0.00	41.20 2.83 0.00	33.21 2.36 0.00	25.18 1.74 0.00	24.47 1.66 0.00	23.79 1.61 0.00	21.17 1.42 -0.36
FENNER___WINDPWR 24204	14.46 0.09 -0.09	15.95 0.09 -0.03	13.67 0.05 -0.09	18.62 0.07 -0.85	18.98 0.11 -1.02	22.08 0.17 -0.56	23.61 0.27 -0.28	29.11 0.37 0.00	23.76 0.29 0.00	22.31 0.21 0.00	24.39 0.13 0.00	23.85 0.09 0.00	22.02 0.07 0.00	22.68 0.04 0.00	22.04 0.08 -0.02	26.21 0.16 -0.84	33.00 0.34 -0.28	41.85 0.69 -1.54	39.57 0.64 -0.55	32.39 0.43 -1.12	24.30 0.28 -0.59	24.20 0.25 -1.15	23.51 0.20 -1.13	20.58 0.13 -1.06
FIBERTEK___ENERGY 23856	14.12 -0.16 0.00	15.64 -0.18 0.00	13.34 -0.18 0.00	17.44 -0.25 0.00	17.62 -0.24 0.00	21.07 -0.28 0.00	22.78 -0.27 0.00	28.36 -0.38 0.00	23.17 -0.31 0.00	21.80 -0.31 0.00	23.88 -0.38 0.00	23.36 -0.39 0.00	21.63 -0.32 0.00	22.32 -0.32 0.00	21.66 -0.28 0.00	24.92 -0.30 0.00	32.03 -0.34 0.00	39.24 -0.38 0.00	38.01 -0.37 0.00	30.54 -0.31 0.00	23.19 -0.25 0.00	22.56 -0.25 0.00	21.94 -0.24 0.00	19.14 -0.25 0.00
FITZPATRICK____ 23598	13.84 -0.44 0.00	15.34 -0.48 0.00	13.09 -0.44 0.00	17.11 -0.59 0.00	17.28 -0.58 0.00	20.66 -0.69 0.00	22.28 -0.77 0.00	27.68 -1.05 0.00	22.63 -0.84 0.00	21.33 -0.77 0.00	23.36 -0.90 0.00	22.87 -0.88 0.00	21.17 -0.78 0.00	21.83 -0.81 0.00	21.19 -0.76 0.00	24.34 -0.88 0.00	31.23 -1.14 0.00	38.24 -1.38 0.00	37.05 -1.33 0.00	29.78 -1.07 0.00	22.63 -0.81 0.00	22.03 -0.78 0.00	21.44 -0.74 0.00	18.73 -0.66 0.00
FLOWRFLD_69_KV_BK1 356044	15.35 1.08 0.00	16.87 1.05 0.00	14.29 0.76 0.00	18.70 1.00 0.00	18.70 0.84 0.00	22.38 1.03 0.00	24.17 1.12 0.00	30.31 1.57 0.00	24.92 1.44 0.00	24.25 1.44 -0.70	26.36 2.09 0.00	25.86 2.11 0.00	23.71 1.76 0.00	24.40 1.76 0.00	23.76 1.81 0.00	27.03 1.82 0.00	19.46 2.16 15.07	29.24 2.32 12.70	40.75 2.38 0.00	32.90 2.05 0.00	25.12 1.68 0.00	24.55 1.74 0.00	23.94 1.76 0.00	21.28 1.53 -0.36
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	15.21 0.93 0.00	16.77 0.95 0.00	14.27 0.74 0.00	18.63 0.94 0.00	18.72 0.87 0.00	22.45 1.10 0.00	24.26 1.21 0.00	30.45 1.71 0.00	24.93 1.46 0.00	23.53 1.43 0.00	26.00 1.74 0.00	25.50 1.75 0.00	23.58 1.63 0.00	24.36 1.72 0.00	23.74 1.80 0.00	27.22 2.01 0.00	34.97 2.60 0.00	42.66 3.04 0.00	41.29 2.91 0.00	33.18 2.33 0.00	25.15 1.71 0.00	24.45 1.64 0.00	23.75 1.56 0.00	20.76 1.37 0.00
FORT ORANGE____ 23900	14.58 0.46 0.16	16.31 0.48 0.00	13.90 0.37 0.00	18.15 0.46 0.00	18.28 0.42 0.00	21.83 0.54 0.06	23.64 0.59 0.00	29.42 0.68 0.00	23.95 0.48 0.00	2.58 0.56 20.09	24.84 0.58 0.00	24.33 0.58 0.00	22.50 0.55 0.00	23.25 0.61 0.00	22.61 0.66 0.00	25.97 0.75 0.00	33.35 0.98 0.00	40.92 1.30 0.00	39.65 1.27 0.00	31.85 1.00 0.00	24.23 0.79 0.00	23.57 0.75 0.00	22.86 0.69 0.01	10.18 0.64 9.85
FORT_DRUM_COGEN 23780	10.91 -0.29 3.08	12.15 -0.42 3.26	10.79 -0.39 2.36	22.43 -0.47 -5.21	24.45 -0.41 -7.00	24.82 -0.37 -3.84	24.82 -0.16 -1.92	28.75 0.01 0.00	23.36 -0.12 0.00	21.59 -0.47 0.04	23.69 -0.57 0.00	23.08 -0.68 0.00	21.19 -0.76 0.00	20.92 -1.05 0.66	19.31 -0.90 1.74	29.89 -0.55 -5.22	29.69 -0.58 2.09	50.60 0.50 -10.48	42.69 0.55 -3.76	38.74 0.21 -7.67	27.37 -0.11 -4.04	30.50 -0.20 -7.89	29.67 -0.30 -7.78	26.40 -0.27 -7.28
FOX_HILLS___ESR 323835	15.25 0.98 0.00	16.82 1.00 0.00	14.31 0.77 0.00	18.68 0.98 0.00	18.75 0.90 0.00	22.50 1.15 0.00	24.26 1.20 0.00	30.49 1.75 0.00	25.01 1.53 0.00	24.33 1.52 -0.70	26.18 1.92 0.00	25.71 1.95 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.90 1.96 0.00	27.31 2.09 0.00	35.04 2.67 0.00	42.49 2.87 0.00	41.25 2.88 0.00	33.38 2.52 0.00	25.28 1.84 0.00	24.55 1.73 0.00	23.90 1.72 0.00	21.28 1.53 -0.36
FPL FAR_ROCK_GT1 24212	15.36 1.09 0.00	16.89 1.06 0.00	14.33 0.80 0.00	18.74 1.04 0.00	18.78 0.92 0.00	22.52 1.17 0.00	24.31 1.26 0.00	30.49 1.75 0.00	25.02 1.55 0.00	24.37 1.57 -0.70	26.43 2.16 0.00	25.90 2.15 0.00	23.84 1.89 0.00	24.59 1.95 0.00	23.95 2.01 0.00	27.38 2.16 0.00	35.27 2.67 -0.23	42.72 3.02 -0.08	41.39 3.02 0.00	33.27 2.42 0.00	25.32 1.88 0.00	24.67 1.86 0.00	23.99 1.81 0.00	21.31 1.57 -0.36



FPL FAR_ROCK_GT2 23815	15.36 1.09 0.00	16.89 1.06 0.00	14.33 0.80 0.00	18.74 1.04 0.00	18.78 0.92 0.00	22.52 1.17 0.00	24.31 1.26 0.00	30.49 1.75 0.00	25.02 1.55 0.00	24.37 1.57 -0.70	26.43 2.16 0.00	25.90 2.15 0.00	23.84 1.89 0.00	24.59 1.95 0.00	23.95 2.01 0.00	27.38 2.16 0.00	35.27 2.67 -0.23	42.72 3.02 -0.08	41.39 3.02 0.00	33.27 2.42 0.00	25.32 1.88 0.00	24.67 1.86 0.00	23.99 1.81 0.00	21.31 1.57 -0.36
FRANKLIN_FALL_HYD 24054	-12.11 -0.25 26.13	-12.04 -0.33 27.54	-7.43 -0.20 20.77	51.16 -0.26 -33.72	64.37 -0.20 -46.71	46.93 -0.05 -25.63	35.98 0.08 -12.84	29.03 0.29 0.00	23.62 0.15 0.00	21.67 -0.09 0.34	24.03 -0.23 0.00	23.59 -0.16 0.00	21.59 -0.35 0.00	16.53 -0.59 5.52	6.53 -0.73 14.69	58.55 -0.61 -33.95	10.95 -0.70 20.72	109.14 -0.17 -69.70	63.58 0.13 -25.07	82.02 -0.01 -51.17	50.31 -0.08 -26.95	75.32 -0.15 -52.66	73.90 -0.20 -51.92	67.76 -0.21 -48.58
FREEPORT_EQUS_GT1 23764	15.28 1.01 0.00	16.80 0.97 0.00	14.26 0.72 0.00	18.64 0.94 0.00	18.67 0.81 0.00	22.37 1.02 0.00	24.14 1.09 0.00	30.26 1.53 0.00	24.84 1.36 0.00	24.19 1.38 -0.70	26.25 1.98 0.00	25.73 1.97 0.00	23.65 1.70 0.00	24.39 1.75 0.00	23.73 1.79 0.00	27.07 1.86 0.00	24.25 2.32 10.43	34.67 2.60 7.55	41.03 2.65 0.00	33.02 2.17 0.00	25.15 1.71 0.00	24.53 1.71 0.00	23.86 1.68 0.00	21.21 1.46 -0.36
FREEPORT___CT2 23818	15.28 1.01 0.00	16.80 0.97 0.00	14.26 0.72 0.00	18.64 0.94 0.00	18.67 0.81 0.00	22.37 1.02 0.00	24.14 1.09 0.00	30.26 1.53 0.00	24.84 1.36 0.00	24.19 1.38 -0.70	26.25 1.98 0.00	25.73 1.97 0.00	23.65 1.70 0.00	24.39 1.75 0.00	23.73 1.79 0.00	27.07 1.86 0.00	24.25 2.32 10.43	34.67 2.60 7.55	41.03 2.65 0.00	33.02 2.17 0.00	25.15 1.71 0.00	24.53 1.71 0.00	23.86 1.68 0.00	21.21 1.46 -0.36
FRESHKLS_33_KV_LOAD 356253	15.27 0.99 0.00	16.84 1.01 0.00	14.32 0.79 0.00	18.70 1.00 0.00	18.78 0.92 0.00	22.53 1.17 0.00	24.29 1.23 0.00	30.52 1.78 0.00	25.03 1.55 0.00	24.33 1.52 -0.70	26.18 1.91 0.00	25.70 1.94 0.00	23.75 1.80 0.00	24.50 1.86 0.00	23.88 1.94 0.00	27.29 2.07 0.00	35.04 2.67 0.00	42.48 2.86 0.00	41.27 2.90 0.00	33.43 2.58 0.00	25.32 1.88 0.00	24.58 1.76 0.00	23.95 1.76 0.00	21.31 1.56 -0.36
FULTON COGEN____ 23766	13.99 -0.29 0.00	15.50 -0.32 0.00	13.22 -0.31 0.00	17.28 -0.42 0.00	17.46 -0.40 0.00	20.86 -0.48 0.00	22.54 -0.52 0.00	28.02 -0.72 0.00	22.90 -0.57 0.00	21.57 -0.54 0.00	23.62 -0.64 0.00	23.11 -0.64 0.00	21.41 -0.55 0.00	22.07 -0.57 0.00	21.43 -0.51 0.00	24.64 -0.57 0.00	31.64 -0.73 0.00	38.77 -0.85 0.00	37.55 -0.83 0.00	30.18 -0.67 0.00	22.93 -0.52 0.00	22.31 -0.50 0.00	21.70 -0.48 0.00	18.94 -0.45 0.00
FULTON___LFGE 323630	15.02 0.71 -0.03	16.60 0.77 0.00	14.17 0.64 0.00	18.53 0.83 0.00	18.70 0.84 0.00	22.41 1.05 -0.01	24.26 1.21 0.00	30.38 1.64 0.00	24.68 1.20 0.00	26.49 0.76 -3.62	24.87 0.61 0.00	24.19 0.44 0.00	22.42 0.46 0.00	23.05 0.40 0.00	22.37 0.42 0.00	25.78 0.56 0.00	33.54 1.17 0.00	41.83 2.21 0.00	40.60 2.22 0.00	32.63 1.78 0.00	24.78 1.34 0.00	24.08 1.27 0.00	23.35 1.16 0.00	22.21 0.97 -1.86
G.F.CEMENT___DRP 24184	15.15 0.82 -0.05	16.67 0.84 0.00	14.24 0.71 0.00	18.61 0.91 0.00	18.77 0.91 0.00	22.55 1.18 -0.02	24.40 1.35 0.00	30.54 1.81 0.00	24.96 1.48 0.00	30.40 1.28 -7.02	25.42 1.15 0.00	24.80 1.05 0.00	22.76 0.81 0.00	23.50 0.86 0.00	22.94 0.99 0.00	26.61 1.40 0.00	34.15 1.78 0.00	42.01 2.40 0.00	40.72 2.34 0.00	32.63 1.78 0.00	24.84 1.40 0.00	24.17 1.36 0.00	23.54 1.35 0.00	23.85 1.18 -3.28
GARDENVILLE___LBMP 24039	13.37 -0.84 0.06	14.96 -0.86 0.00	12.65 -0.88 0.00	16.49 -1.20 0.00	16.80 -1.05 0.00	20.04 -1.31 0.00	21.79 -1.26 0.00	27.08 -1.66 0.00	22.03 -1.44 0.00	17.33 -1.30 3.48	12.31 -1.28 10.67	16.46 -1.39 5.91	20.52 -1.37 0.06	13.30 -1.30 8.04	10.94 -1.30 9.70	14.66 -1.46 9.09	16.75 -2.07 13.55	21.19 -2.51 15.91	19.90 -2.39 16.08	14.11 -1.81 14.93	8.64 -1.48 13.32	12.88 -1.40 8.53	20.97 -1.21 0.00	18.07 -1.32 0.00
GARDNVLA_35_KV_LD 355827	13.44 -0.78 0.06	15.03 -0.79 0.00	12.71 -0.82 0.00	16.57 -1.12 0.00	16.88 -0.98 0.00	20.13 -1.22 0.00	21.90 -1.15 0.00	27.22 -1.52 0.00	22.15 -1.33 0.00	18.06 -1.19 2.86	14.32 -1.16 8.79	17.62 -1.27 4.87	20.66 -1.24 0.05	14.87 -1.19 6.58	12.81 -1.20 7.94	16.43 -1.34 7.44	19.39 -1.90 11.08	24.31 -2.31 12.99	23.06 -2.20 13.12	17.01 -1.66 12.18	11.21 -1.37 10.86	14.55 -1.29 6.96	21.09 -1.10 0.00	18.17 -1.21 0.00
GELCKHM___115KV_LOAD 80723	14.05 -0.23 0.00	15.57 -0.26 0.00	13.27 -0.26 0.00	17.35 -0.35 0.00	17.53 -0.33 0.00	20.95 -0.40 0.00	22.64 -0.41 0.00	28.17 -0.57 0.00	23.03 -0.45 0.00	21.68 -0.43 0.00	23.75 -0.51 0.00	23.24 -0.52 0.00	21.52 -0.44 0.00	22.19 -0.45 0.00	21.55 -0.40 0.00	24.78 -0.44 0.00	31.82 -0.55 0.00	38.97 -0.64 0.00	37.76 -0.62 0.00	30.34 -0.51 0.00	23.04 -0.40 0.00	22.42 -0.39 0.00	21.81 -0.37 0.00	19.03 -0.36 0.00
GENERAL___MILLS 23808	13.42 -0.80 0.06	15.01 -0.81 0.00	12.70 -0.83 0.00	16.55 -1.14 0.00	16.86 -1.00 0.00	20.11 -1.24 0.00	21.88 -1.18 0.00	27.18 -1.56 0.00	22.11 -1.36 0.00	17.86 -1.22 3.03	13.77 -1.19 9.30	17.30 -1.30 5.15	20.61 -1.28 0.06	14.44 -1.23 6.98	12.29 -1.23 8.42	15.95 -1.37 7.89	18.67 -1.95 11.75	23.45 -2.38 13.78	22.19 -2.27 13.92	16.21 -1.71 12.93	10.51 -1.40 11.53	14.10 -1.32 7.39	21.05 -1.14 0.00	18.14 -1.25 0.00
GE_PLASTICS___DRP 24183	14.58 0.40 0.10	16.25 0.42 0.00	13.85 0.32 0.00	18.10 0.40 0.00	18.22 0.36 0.00	21.76 0.44 0.04	23.53 0.48 0.00	29.33 0.60 0.00	23.93 0.45 0.00	10.20 0.50 12.41	24.83 0.57 0.00	24.32 0.56 0.00	22.48 0.53 0.00	23.21 0.57 0.00	22.58 0.63 0.00	25.92 0.70 0.00	33.26 0.89 0.00	40.73 1.11 0.00	39.45 1.07 0.00	31.70 0.85 0.00	24.11 0.67 0.00	23.45 0.64 0.00	22.76 0.58 0.00	13.97 0.54 5.96
GILBOA___1 23756	14.70 0.42 0.00	16.31 0.48 0.00	13.91 0.38 0.00	18.17 0.47 0.00	18.28 0.42 0.00	21.73 0.38 0.00	23.46 0.41 0.00	29.33 0.60 0.00	24.00 0.52 0.00	22.63 0.52 0.00	24.89 0.62 0.00	24.38 0.62 0.00	22.52 0.57 0.00	23.25 0.61 0.00	22.63 0.68 0.00	25.97 0.75 0.00	33.31 0.94 0.00	40.68 1.06 0.00	39.39 1.01 0.00	31.68 0.83 0.00	24.09 0.65 0.00	23.43 0.61 0.00	22.75 0.57 0.00	19.89 0.51 0.00
GILBOA___2 23757	14.70 0.42 0.00	16.31 0.48 0.00	13.91 0.38 0.00	18.17 0.47 0.00	18.28 0.42 0.00	21.73 0.38 0.00	23.46 0.41 0.00	29.33 0.60 0.00	24.00 0.52 0.00	22.63 0.52 0.00	24.89 0.62 0.00	24.38 0.62 0.00	22.52 0.57 0.00	23.25 0.61 0.00	22.63 0.68 0.00	25.97 0.75 0.00	33.31 0.94 0.00	40.68 1.06 0.00	39.39 1.01 0.00	31.68 0.83 0.00	24.09 0.65 0.00	23.43 0.61 0.00	22.75 0.57 0.00	19.89 0.51 0.00

GILBOA___3 23758	14.70 0.42 0.00	16.31 0.48 0.00	13.91 0.38 0.00	18.17 0.47 0.00	18.28 0.42 0.00	21.73 0.38 0.00	23.46 0.41 0.00	29.33 0.60 0.00	24.00 0.52 0.00	22.63 0.52 0.00	24.89 0.62 0.00	24.38 0.62 0.00	22.52 0.57 0.00	23.25 0.61 0.00	22.63 0.68 0.00	25.97 0.75 0.00	33.31 0.94 0.00	40.68 1.06 0.00	39.39 1.01 0.00	31.68 0.83 0.00	24.09 0.65 0.00	23.43 0.61 0.00	22.75 0.57 0.00	19.89 0.51 0.00
GILBOA___4 23759	14.70 0.42 0.00	16.31 0.48 0.00	13.91 0.38 0.00	18.17 0.47 0.00	18.28 0.42 0.00	21.73 0.38 0.00	23.46 0.41 0.00	29.33 0.60 0.00	24.00 0.52 0.00	22.63 0.52 0.00	24.89 0.62 0.00	24.38 0.62 0.00	22.52 0.57 0.00	23.25 0.61 0.00	22.63 0.68 0.00	25.97 0.75 0.00	33.31 0.94 0.00	40.68 1.06 0.00	39.39 1.01 0.00	31.68 0.83 0.00	24.09 0.65 0.00	23.43 0.61 0.00	22.75 0.57 0.00	19.89 0.51 0.00
GILBOA___ 23599	14.70 0.42 0.00	16.30 0.48 0.00	13.91 0.38 0.00	18.17 0.47 0.00	18.28 0.42 0.00	21.73 0.38 0.00	23.46 0.41 0.00	29.34 0.60 0.00	24.00 0.52 0.00	22.63 0.52 0.00	24.90 0.63 0.00	24.38 0.63 0.00	22.52 0.57 0.00	23.25 0.61 0.00	22.63 0.68 0.00	25.97 0.75 0.00	33.31 0.94 0.00	40.68 1.06 0.00	39.39 1.01 0.00	31.69 0.83 0.00	24.09 0.64 0.00	23.43 0.62 0.00	22.75 0.57 0.00	19.89 0.51 0.00
GINNA___ 23603	13.19 -1.05 0.03	14.68 -1.15 0.00	12.45 -1.08 0.00	16.26 -1.43 0.00	16.51 -1.35 0.00	19.75 -1.60 0.00	21.42 -1.64 0.00	26.65 -2.09 0.00	21.71 -1.76 0.00	20.42 -1.69 0.00	22.43 -1.83 0.00	21.91 -1.85 0.00	20.25 -1.70 0.00	20.95 -1.69 0.00	20.31 -1.64 0.00	23.37 -1.84 0.00	29.94 -2.43 0.00	36.68 -2.94 0.00	35.53 -2.85 0.00	28.62 -2.23 0.00	21.69 -1.75 0.00	21.11 -1.70 0.00	20.60 -1.58 0.00	17.86 -1.52 0.00
GLEN PARK___ 23778	11.16 -0.22 2.90	12.41 -0.34 3.08	10.98 -0.33 2.23	22.24 -0.39 -4.94	24.16 -0.33 -6.64	24.72 -0.27 -3.64	24.83 -0.04 -1.82	28.91 0.17 0.00	23.48 0.01 0.00	21.67 -0.40 0.04	23.75 -0.52 0.00	23.11 -0.64 0.00	21.24 -0.71 0.00	20.99 -1.02 0.63	19.44 -0.87 1.64	29.72 -0.45 -4.96	30.00 -0.41 1.96	50.28 0.72 -9.94	42.72 0.78 -3.56	38.52 0.40 -7.27	27.31 0.04 -3.83	30.24 -0.06 -7.48	29.39 -0.17 -7.38	26.12 -0.17 -6.90
GLENDALE_27_KV_LOAD 356172	15.29 1.02 0.00	16.87 1.04 0.00	14.34 0.81 0.00	18.72 1.02 0.00	18.79 0.93 0.00	22.53 1.18 0.00	24.32 1.27 0.00	30.55 1.82 0.00	25.11 1.63 0.00	24.45 1.65 -0.70	26.32 2.05 0.00	25.84 2.09 0.00	23.92 1.97 0.00	24.69 2.05 0.00	24.07 2.12 0.00	27.48 2.27 0.00	35.22 2.85 0.00	42.78 3.16 0.00	41.43 3.06 0.00	33.39 2.54 0.00	25.32 1.88 0.00	24.59 1.78 0.00	23.91 1.73 0.00	21.27 1.52 -0.36
GLENWOOD_IC_1_G5 23712	15.24 0.97 0.00	16.78 0.96 0.00	14.26 0.72 0.00	18.63 0.93 0.00	18.68 0.82 0.00	22.39 1.04 0.00	24.17 1.11 0.00	30.32 1.58 0.00	24.88 1.40 0.00	24.24 1.43 -0.70	26.20 1.94 0.00	25.70 1.95 0.00	23.70 1.75 0.00	24.47 1.83 0.00	23.83 1.88 0.00	27.23 2.01 0.00	29.52 2.51 5.35	38.23 2.82 4.21	41.14 2.77 0.00	33.09 2.24 0.00	25.15 1.71 0.00	24.48 1.66 0.00	23.80 1.62 0.00	21.17 1.42 -0.36
GLENWOOD_IC_2_G1 23688	15.19 0.91 0.00	16.73 0.91 0.00	14.23 0.69 0.00	18.58 0.88 0.00	18.64 0.79 0.00	22.35 1.00 0.00	24.11 1.06 0.00	30.25 1.51 0.00	24.82 1.34 0.00	24.17 1.37 -0.70	26.07 1.81 0.00	25.58 1.82 0.00	23.61 1.66 0.00	24.37 1.73 0.00	23.74 1.80 0.00	27.14 1.92 0.00	34.79 2.42 0.00	42.34 2.72 0.00	41.02 2.65 0.00	33.00 2.15 0.00	25.06 1.62 0.00	24.38 1.57 0.00	23.72 1.53 0.00	21.10 1.35 -0.36
GLENWOOD_IC_3_G1 23689	15.19 0.91 0.00	16.73 0.91 0.00	14.23 0.69 0.00	18.58 0.88 0.00	18.64 0.79 0.00	22.35 1.00 0.00	24.11 1.06 0.00	30.25 1.51 0.00	24.82 1.34 0.00	24.17 1.37 -0.70	26.07 1.81 0.00	25.58 1.82 0.00	23.61 1.66 0.00	24.37 1.73 0.00	23.74 1.80 0.00	27.14 1.92 0.00	34.79 2.42 0.00	42.34 2.72 0.00	41.02 2.65 0.00	33.00 2.15 0.00	25.06 1.62 0.00	24.38 1.57 0.00	23.72 1.53 0.00	21.10 1.35 -0.36
GLENWOOD___4 23550	15.24 0.97 0.00	16.78 0.96 0.00	14.26 0.72 0.00	18.63 0.93 0.00	18.68 0.82 0.00	22.39 1.04 0.00	24.17 1.11 0.00	30.32 1.58 0.00	24.88 1.40 0.00	24.24 1.43 -0.70	26.20 1.94 0.00	25.70 1.95 0.00	23.70 1.75 0.00	24.47 1.83 0.00	23.83 1.88 0.00	27.23 2.01 0.00	29.52 2.51 5.35	38.23 2.82 4.21	41.14 2.77 0.00	33.09 2.24 0.00	25.15 1.71 0.00	24.48 1.66 0.00	23.80 1.62 0.00	21.17 1.42 -0.36
GLENWOOD___5 23614	15.24 0.97 0.00	16.78 0.96 0.00	14.26 0.72 0.00	18.63 0.93 0.00	18.68 0.82 0.00	22.39 1.04 0.00	24.17 1.11 0.00	30.32 1.58 0.00	24.88 1.40 0.00	24.24 1.43 -0.70	26.20 1.94 0.00	25.70 1.95 0.00	23.70 1.75 0.00	24.47 1.83 0.00	23.83 1.88 0.00	27.23 2.01 0.00	29.52 2.51 5.35	38.23 2.82 4.21	41.14 2.77 0.00	33.09 2.24 0.00	25.15 1.71 0.00	24.48 1.66 0.00	23.80 1.62 0.00	21.17 1.42 -0.36
GLOBAL GREEN_PORT_GT1 23814	15.11 0.83 0.00	16.59 0.76 0.00	14.09 0.56 0.00	18.53 0.83 0.00	18.48 0.62 0.00	22.10 0.74 0.00	23.93 0.88 0.00	29.97 1.23 0.00	24.64 1.16 0.00	24.01 1.20 -0.70	26.14 1.88 0.00	25.76 2.00 0.00	23.68 1.73 0.00	24.33 1.69 0.00	23.58 1.64 0.00	26.73 1.52 0.00	18.76 1.53 15.14	28.47 1.60 12.75	40.08 1.71 0.00	32.46 1.60 0.00	24.87 1.43 0.00	24.27 1.46 0.00	23.64 1.46 0.00	20.98 1.23 -0.36
GLOBE___DSASP 323697	13.02 -1.20 0.05	14.57 -1.25 0.00	12.30 -1.24 0.00	16.02 -1.68 0.00	16.36 -1.50 0.00	19.49 -1.86 0.00	21.16 -1.89 0.00	26.20 -2.53 0.00	21.31 -2.16 0.00	17.82 -1.97 2.33	15.10 -2.02 7.14	17.66 -2.14 3.95	19.81 -2.09 0.04	15.27 -1.99 5.38	13.47 -1.98 6.50	16.86 -2.27 6.09	20.09 -3.20 9.08	24.96 -4.02 10.64	23.84 -3.80 10.74	18.08 -2.80 9.97	12.40 -2.13 8.91	15.07 -2.05 5.70	20.39 -1.80 0.00	17.55 -1.84 0.00
GOETHSLN___LBMP 323567	15.18 0.91 0.00	16.75 0.92 0.00	14.24 0.71 0.00	18.60 0.90 0.00	18.67 0.81 0.00	22.39 1.04 0.00	24.12 1.07 0.00	30.28 1.54 0.00	24.84 1.37 0.00	24.20 1.40 -0.70	26.05 1.79 0.00	25.59 1.84 0.00	23.67 1.72 0.00	24.43 1.79 0.00	23.82 1.88 0.00	27.23 2.01 0.00	34.89 2.53 0.00	42.40 2.78 0.00	41.04 2.66 0.00	33.07 2.22 0.00	25.08 1.64 0.00	24.38 1.57 0.00	23.71 1.53 0.00	21.11 1.37 -0.36
GOLAH___69_KV_TB 1_2 80279	13.76 -0.48 0.04	15.33 -0.50 0.00	12.98 -0.54 0.00	16.93 -0.77 0.00	17.21 -0.64 0.00	20.57 -0.79 0.00	22.37 -0.69 0.00	27.81 -0.92 0.00	22.66 -0.81 0.00	20.89 -0.81 0.40	22.11 -0.92 1.24	22.09 -0.98 0.68	21.05 -0.90 0.01	20.94 -0.79 0.91	20.08 -0.77 1.10	23.33 -0.85 1.03	29.64 -1.20 1.53	37.63 -1.41 0.59	37.06 -1.32 0.00	29.89 -0.97 0.00	22.64 -0.81 -0.01	22.05 -0.77 0.00	21.56 -0.62 0.00	18.62 -0.77 0.00

GOODYEAR_LAKE_HYD 323669	14.65 0.36 -0.01	16.23 0.41 0.00	13.86 0.33 0.00	18.13 0.43 0.00	18.27 0.41 0.00	21.82 0.47 0.00	23.62 0.56 0.00	29.55 0.81 0.00	24.15 0.67 0.00	23.72 0.62 -1.00	24.99 0.73 0.00	24.49 0.73 0.00	22.62 0.67 0.00	23.28 0.64 0.00	22.61 0.66 0.00	25.97 0.76 0.00	33.45 1.08 0.00	40.95 1.33 0.00	39.62 1.25 0.00	31.84 0.99 0.00	24.14 0.70 0.00	23.46 0.65 0.00	22.77 0.58 0.00	20.37 0.47 -0.51
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.14 -0.11 0.02	15.72 -0.11 0.00	13.41 -0.12 0.00	17.55 -0.15 0.00	17.70 -0.16 0.00	21.12 -0.23 0.00	22.88 -0.17 0.00	28.58 -0.16 0.00	23.37 -0.11 0.00	22.03 -0.08 0.00	24.26 0.00 0.00	23.72 -0.03 0.00	21.91 -0.04 0.00	22.60 -0.04 0.00	21.94 -0.01 0.00	25.21 0.00 0.00	32.40 0.03 0.00	39.70 0.08 0.00	38.37 -0.01 0.00	30.80 -0.05 0.00	23.33 -0.11 0.00	22.71 -0.10 0.00	22.09 -0.09 0.00	19.24 -0.14 0.00
GOUDEY___7 23579	14.14 -0.11 0.02	15.72 -0.11 0.00	13.41 -0.12 0.00	17.55 -0.15 0.00	17.70 -0.16 0.00	21.12 -0.23 0.00	22.88 -0.17 0.00	28.58 -0.16 0.00	23.37 -0.11 0.00	22.03 -0.08 0.00	24.26 0.00 0.00	23.72 -0.03 0.00	21.91 -0.04 0.00	22.60 -0.04 0.00	21.94 -0.01 0.00	25.21 0.00 0.00	32.40 0.03 0.00	39.70 0.08 0.00	38.37 -0.01 0.00	30.80 -0.05 0.00	23.33 -0.11 0.00	22.71 -0.10 0.00	22.09 -0.09 0.00	19.24 -0.14 0.00
GOUDEY___8 23580	14.14 -0.11 0.02	15.72 -0.11 0.00	13.41 -0.12 0.00	17.55 -0.15 0.00	17.70 -0.16 0.00	21.12 -0.23 0.00	22.88 -0.17 0.00	28.58 -0.16 0.00	23.37 -0.11 0.00	22.03 -0.08 0.00	24.26 0.00 0.00	23.72 -0.03 0.00	21.91 -0.04 0.00	22.60 -0.04 0.00	21.94 -0.01 0.00	25.21 0.00 0.00	32.40 0.03 0.00	39.70 0.08 0.00	38.37 -0.01 0.00	30.80 -0.05 0.00	23.33 -0.11 0.00	22.71 -0.10 0.00	22.09 -0.09 0.00	19.24 -0.14 0.00
GOWANUS_GT1_1 24077	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.50 1.15 0.00	24.29 1.24 0.00	30.52 1.78 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.28 2.01 0.00	25.80 2.05 0.00	23.86 1.91 0.00	24.64 2.00 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.52 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.90 1.71 0.00	21.26 1.51 -0.36
GOWANUS_GT1_2 24078	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.50 1.15 0.00	24.29 1.24 0.00	30.52 1.78 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.28 2.01 0.00	25.80 2.05 0.00	23.86 1.91 0.00	24.64 2.00 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.52 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.90 1.71 0.00	21.26 1.51 -0.36
GOWANUS_GT1_3 24079	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.50 1.15 0.00	24.29 1.24 0.00	30.52 1.78 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.28 2.01 0.00	25.80 2.05 0.00	23.86 1.91 0.00	24.64 2.00 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.52 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.90 1.71 0.00	21.26 1.51 -0.36
GOWANUS_GT1_4 24080	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.50 1.15 0.00	24.29 1.24 0.00	30.52 1.78 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.28 2.01 0.00	25.80 2.05 0.00	23.86 1.91 0.00	24.64 2.00 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.52 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.90 1.71 0.00	21.26 1.51 -0.36
GOWANUS_GT1_5 24084	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.50 1.15 0.00	24.29 1.24 0.00	30.52 1.78 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.28 2.01 0.00	25.80 2.05 0.00	23.86 1.91 0.00	24.64 2.00 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.52 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.90 1.71 0.00	21.26 1.51 -0.36
GOWANUS_GT1_6 24111	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.50 1.15 0.00	24.29 1.24 0.00	30.52 1.78 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.28 2.01 0.00	25.80 2.05 0.00	23.86 1.91 0.00	24.64 2.00 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.52 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.90 1.71 0.00	21.26 1.51 -0.36
GOWANUS_GT1_7 24112	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.50 1.15 0.00	24.29 1.24 0.00	30.52 1.78 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.28 2.01 0.00	25.80 2.05 0.00	23.86 1.91 0.00	24.64 2.00 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.52 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.90 1.71 0.00	21.26 1.51 -0.36
GOWANUS_GT1_8 24113	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.50 1.15 0.00	24.29 1.24 0.00	30.52 1.78 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.28 2.01 0.00	25.80 2.05 0.00	23.86 1.91 0.00	24.64 2.00 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.52 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.90 1.71 0.00	21.26 1.51 -0.36
GOWANUS_GT2_1 24114	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
GOWANUS_GT2_2 24115	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
GOWANUS_GT2_3 24116	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36

GOWANUS_GT2_4 24117	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
GOWANUS_GT2_5 24118	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
GOWANUS_GT2_6 24119	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
GOWANUS_GT2_7 24120	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
GOWANUS_GT2_8 24121	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
GOWANUS_GT3_1 24122	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
GOWANUS_GT3_2 24123	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
GOWANUS_GT3_3 24124	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
GOWANUS_GT3_4 24125	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
GOWANUS_GT3_5 24126	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
GOWANUS_GT3_6 24127	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
GOWANUS_GT3_7 24128	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
GOWANUS_GT3_8 24129	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
GOWANUS_GT4_1 24130	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.69 0.99 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.51 1.77 0.00	25.05 1.58 0.00	24.39 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.34 2.96 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.90 1.72 0.00	21.26 1.51 -0.36
GOWANUS_GT4_2 24131	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.69 0.99 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.51 1.77 0.00	25.05 1.58 0.00	24.39 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.34 2.96 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.90 1.72 0.00	21.26 1.51 -0.36

GOWANUS_GT4_3 24132	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.69 0.99 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.51 1.77 0.00	25.05 1.58 0.00	24.39 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.34 2.96 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.90 1.72 0.00	21.26 1.51 -0.36
GOWANUS_GT4_4 24133	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.69 0.99 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.51 1.77 0.00	25.05 1.58 0.00	24.39 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.34 2.96 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.90 1.72 0.00	21.26 1.51 -0.36
GOWANUS_GT4_5 24134	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.69 0.99 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.51 1.77 0.00	25.05 1.58 0.00	24.39 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.34 2.96 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.90 1.72 0.00	21.26 1.51 -0.36
GOWANUS_GT4_6 24135	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.69 0.99 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.51 1.77 0.00	25.05 1.58 0.00	24.39 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.34 2.96 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.90 1.72 0.00	21.26 1.51 -0.36
GOWANUS_GT4_7 24136	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.69 0.99 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.51 1.77 0.00	25.05 1.58 0.00	24.39 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.34 2.96 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.90 1.72 0.00	21.26 1.51 -0.36
GOWANUS_GT4_8 24137	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.69 0.99 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.51 1.77 0.00	25.05 1.58 0.00	24.39 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.34 2.96 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.90 1.72 0.00	21.26 1.51 -0.36
GREENBSH_115KV_TB3 55895	14.49 0.39 0.17	16.23 0.40 0.00	13.83 0.30 0.00	18.07 0.37 0.00	18.19 0.33 0.00	21.70 0.42 0.07	23.51 0.45 0.00	29.24 0.50 0.00	23.80 0.33 0.00	1.20 0.46 21.37	24.80 0.54 0.00	24.29 0.53 0.00	22.45 0.50 0.00	23.20 0.56 0.00	22.57 0.63 0.00	25.90 0.69 0.00	33.22 0.85 0.00	40.69 1.07 0.00	39.41 1.03 0.00	31.67 0.82 0.00	24.09 0.65 0.00	23.43 0.61 0.00	22.73 0.56 0.01	9.44 0.54 10.49
GREENIDGE_115KV_TB5 80291	13.73 -0.39 0.16	15.40 -0.42 0.00	13.12 -0.41 0.00	17.18 -0.52 0.00	17.38 -0.47 0.00	20.78 -0.57 0.00	22.62 -0.43 0.00	28.30 -0.44 0.00	23.07 -0.41 0.00	25.78 -0.49 -4.17	36.45 -0.60 -12.79	30.13 -0.71 -7.08	21.39 -0.64 -0.08	31.79 -0.61 -9.76	33.14 -0.59 -11.78	35.68 -0.57 -11.04	48.13 -0.69 -16.45	58.38 -0.61 -19.37	57.36 -0.61 -19.59	48.51 -0.53 -18.19	39.21 -0.48 -16.25	32.80 -0.41 -10.39	21.73 -0.45 0.00	18.88 -0.51 0.00
GREENIDGE___3 23582	13.73 -0.39 0.16	15.40 -0.42 0.00	13.12 -0.41 0.00	17.18 -0.52 0.00	17.38 -0.47 0.00	20.78 -0.57 0.00	22.62 -0.43 0.00	28.30 -0.44 0.00	23.07 -0.41 0.00	25.78 -0.49 -4.17	36.45 -0.60 -12.79	30.13 -0.71 -7.08	21.39 -0.64 -0.08	31.79 -0.61 -9.76	33.14 -0.59 -11.78	35.68 -0.57 -11.04	48.13 -0.69 -16.45	58.38 -0.61 -19.37	57.36 -0.61 -19.59	48.51 -0.53 -18.19	39.21 -0.48 -16.25	32.80 -0.41 -10.39	21.73 -0.45 0.00	18.88 -0.51 0.00
GREENIDGE___4 23583	13.72 -0.39 0.16	15.40 -0.42 0.00	13.12 -0.41 0.00	17.18 -0.52 0.00	17.38 -0.47 0.00	20.78 -0.57 0.00	22.62 -0.43 0.00	28.30 -0.44 0.00	23.07 -0.41 0.00	25.78 -0.49 -4.17	36.46 -0.59 -12.79	30.14 -0.70 -7.08	21.38 -0.65 -0.08	31.79 -0.61 -9.76	33.13 -0.60 -11.78	35.67 -0.58 -11.04	48.13 -0.69 -16.45	58.39 -0.60 -19.37	57.36 -0.62 -19.59	48.50 -0.54 -18.19	39.21 -0.48 -16.25	32.80 -0.41 -10.39	21.72 -0.46 0.00	18.87 -0.51 0.00
GREENLWN_69_KV_BK 3 55738	15.16 0.89 0.00	16.68 0.86 0.00	14.14 0.61 0.00	18.49 0.80 0.00	18.49 0.64 0.00	22.10 0.75 0.00	23.81 0.76 0.00	29.83 1.09 0.00	24.50 1.03 0.00	23.90 1.09 -0.70	26.05 1.78 0.00	25.55 1.80 0.00	23.43 1.48 0.00	24.12 1.48 0.00	23.44 1.49 0.00	26.69 1.48 0.00	19.28 1.77 14.86	29.01 1.92 12.52	40.35 1.97 0.00	32.48 1.63 0.00	24.76 1.32 0.00	24.13 1.32 0.00	23.52 1.34 0.00	20.94 1.20 -0.36
GREENWD_138_KV_38B11_REV_LBMP_J 345004	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.69 0.99 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.51 1.77 0.00	25.05 1.58 0.00	24.39 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.34 2.96 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.90 1.72 0.00	21.26 1.51 -0.36
GRISSOM___SOLAR 323813	15.03 0.73 -0.03	16.61 0.78 0.00	14.17 0.64 0.00	18.53 0.83 0.00	18.69 0.83 0.00	22.41 1.04 -0.01	24.26 1.21 0.00	30.38 1.64 0.00	24.66 1.19 0.00	26.50 0.70 -3.68	24.77 0.51 0.00	24.09 0.34 0.00	22.32 0.36 0.00	22.97 0.33 0.00	22.30 0.35 0.00	25.70 0.49 0.00	33.49 1.12 0.00	41.82 2.20 0.00	40.62 2.24 0.00	32.63 1.78 0.00	24.79 1.35 0.00	24.09 1.27 0.00	23.37 1.18 0.00	22.26 0.99 -1.89
GROVEVILLE___HYD 323602	15.21 0.93 0.00	16.77 0.95 0.00	14.27 0.74 0.00	18.63 0.94 0.00	18.72 0.87 0.00	22.45 1.10 0.00	24.26 1.21 0.00	30.45 1.71 0.00	24.93 1.46 0.00	23.53 1.43 0.00	26.00 1.74 0.00	25.50 1.75 0.00	23.58 1.63 0.00	24.36 1.72 0.00	23.74 1.80 0.00	27.22 2.01 0.00	34.97 2.60 0.00	42.66 3.04 0.00	41.29 2.91 0.00	33.18 2.33 0.00	25.15 1.71 0.00	24.45 1.64 0.00	23.75 1.56 0.00	20.76 1.37 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	14.12 -0.16 0.00	15.64 -0.18 0.00	13.34 -0.18 0.00	17.44 -0.25 0.00	17.62 -0.24 0.00	21.07 -0.28 0.00	22.78 -0.27 0.00	28.36 -0.38 0.00	23.17 -0.31 0.00	21.80 -0.31 0.00	23.88 -0.38 0.00	23.36 -0.39 0.00	21.63 -0.32 0.00	22.32 -0.32 0.00	21.66 -0.28 0.00	24.92 -0.30 0.00	32.03 -0.34 0.00	39.24 -0.38 0.00	38.01 -0.37 0.00	30.54 -0.31 0.00	23.19 -0.25 0.00	22.56 -0.25 0.00	21.94 -0.24 0.00	19.14 -0.25 0.00

HAMLTNNY_34_KV_TB 80303	14.10 -0.17 0.00	15.63 -0.20 0.00	13.33 -0.20 0.00	17.40 -0.29 0.00	17.59 -0.27 0.00	21.03 -0.32 0.00	22.76 -0.29 0.00	28.36 -0.38 0.00	23.18 -0.30 0.00	21.80 -0.31 0.00	23.87 -0.39 0.00	23.34 -0.41 0.00	21.61 -0.33 0.00	22.32 -0.32 0.00	21.66 -0.28 0.00	24.94 -0.28 0.00	32.05 -0.32 0.00	39.24 -0.38 0.00	38.01 -0.37 0.00	30.53 -0.32 0.00	23.18 -0.26 0.00	22.56 -0.25 0.00	21.95 -0.24 0.00	19.13 -0.26 0.00
HAMPSHIRE___PAPER_HYD 323593	5.29 -0.04 8.94	6.24 -0.15 9.43	6.40 -0.12 7.02	30.33 -0.13 -12.76	35.27 -0.05 -17.47	31.06 0.12 -9.59	28.26 0.41 -4.80	29.53 0.79 0.00	23.94 0.47 0.00	21.93 -0.06 0.12	24.05 -0.22 0.00	23.53 -0.22 0.00	21.55 -0.40 0.00	20.07 -0.67 1.90	16.29 -0.62 5.03	37.76 -0.29 -12.83	25.27 -0.36 6.74	66.83 1.11 -26.10	49.03 1.27 -9.38	50.80 0.81 -19.14	33.90 0.38 -10.08	42.75 0.25 -19.69	41.72 0.12 -19.42	37.64 0.08 -18.16
HARDSCRABBLE_WT_PWR 323673	16.44 0.13 -2.03	18.10 0.18 -2.10	15.48 0.13 -1.82	18.20 0.13 -0.37	17.93 0.07 0.00	21.46 0.11 0.00	23.18 0.13 0.00	29.02 0.28 0.00	23.66 0.18 0.00	22.22 0.09 -0.03	24.26 -0.01 0.00	23.66 -0.09 0.00	21.86 -0.09 0.00	22.86 -0.18 -0.40	22.96 -0.11 -1.12	25.51 -0.04 -0.33	35.00 0.18 -2.46	40.33 0.63 -0.08	38.84 0.46 0.00	31.15 0.30 0.00	23.83 0.40 0.00	23.14 0.32 0.00	22.34 0.16 0.00	19.48 0.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	15.16 0.89 0.00	16.73 0.91 0.00	14.24 0.71 0.00	18.60 0.90 0.00	18.68 0.82 0.00	22.40 1.05 0.00	24.19 1.14 0.00	30.35 1.61 0.00	24.86 1.39 0.00	24.07 1.37 -0.60	25.98 1.71 0.00	25.50 1.75 0.00	23.57 1.62 0.00	24.34 1.70 0.00	23.73 1.78 0.00	27.19 1.97 0.00	34.99 2.62 0.00	42.70 3.08 0.00	41.33 2.95 0.00	33.18 2.33 0.00	25.12 1.68 0.00	24.42 1.61 0.00	23.75 1.57 0.00	21.07 1.37 -0.32
HARSNRAD_115KV_TB1 81005	13.23 -1.00 0.05	14.79 -1.03 0.00	12.49 -1.05 0.00	16.27 -1.42 0.00	16.61 -1.24 0.00	19.81 -1.54 0.00	21.54 -1.52 0.00	26.71 -2.02 0.00	21.73 -1.75 0.00	18.19 -1.59 2.32	15.54 -1.58 7.14	18.09 -1.71 3.95	20.17 -1.74 0.04	15.69 -1.57 5.38	13.88 -1.58 6.49	17.38 -1.76 6.08	20.85 -2.48 9.04	25.96 -3.05 10.60	24.78 -2.89 10.71	18.78 -2.12 9.96	12.88 -1.70 8.86	15.49 -1.63 5.69	20.75 -1.43 0.00	17.86 -1.53 0.00
HARZA MOOSE___RIVER 24016	13.04 -0.05 1.18	14.43 -0.12 1.28	12.63 -0.13 0.78	21.34 -0.15 -3.79	22.62 -0.10 -4.86	23.98 -0.03 -2.67	24.50 0.11 -1.34	29.03 0.30 0.00	23.64 0.17 0.00	22.05 -0.04 0.02	24.19 -0.08 0.00	23.66 -0.10 0.00	21.73 -0.22 0.00	22.01 -0.36 0.27	21.00 -0.26 0.68	28.91 -0.08 -3.79	32.01 -0.06 0.29	47.73 0.79 -7.32	41.73 0.74 -2.61	36.61 0.43 -5.33	26.39 0.14 -2.81	28.35 0.06 -5.48	27.57 -0.01 -5.40	24.43 -0.01 -5.06
HDSNBRDG_115KV_BRDG_TB1 355580	14.05 -0.22 0.00	15.58 -0.25 0.00	13.28 -0.25 0.00	17.35 -0.34 0.00	17.53 -0.32 0.00	20.96 -0.39 0.00	22.66 -0.40 0.00	28.19 -0.55 0.00	23.04 -0.43 0.00	21.70 -0.41 0.00	23.77 -0.49 0.00	23.27 -0.49 0.00	21.54 -0.41 0.00	22.22 -0.42 0.00	21.57 -0.37 0.00	24.81 -0.40 0.00	31.87 -0.50 0.00	39.03 -0.59 0.00	37.81 -0.57 0.00	30.38 -0.47 0.00	23.07 -0.37 0.00	22.45 -0.37 0.00	21.83 -0.35 0.00	19.04 -0.35 0.00
HELLGATE_13_KV_LD 55870	15.24 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.66 0.96 0.00	18.73 0.87 0.00	22.44 1.10 0.00	24.22 1.17 0.00	30.41 1.67 0.00	24.99 1.51 0.00	24.33 1.53 -0.70	26.17 1.91 0.00	25.72 1.97 0.00	23.80 1.85 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.34 2.13 0.00	35.03 2.66 0.00	42.54 2.92 0.00	41.21 2.84 0.00	33.21 2.36 0.00	25.19 1.75 0.00	24.47 1.66 0.00	23.80 1.61 0.00	21.18 1.43 -0.36
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	15.24 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.66 0.96 0.00	18.73 0.87 0.00	22.44 1.10 0.00	24.22 1.17 0.00	30.41 1.67 0.00	24.99 1.51 0.00	24.33 1.53 -0.70	26.17 1.91 0.00	25.72 1.97 0.00	23.80 1.85 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.34 2.13 0.00	35.03 2.66 0.00	42.54 2.92 0.00	41.21 2.84 0.00	33.21 2.36 0.00	25.19 1.75 0.00	24.47 1.66 0.00	23.80 1.61 0.00	21.18 1.43 -0.36
HEMPSTEAD____ 23647	15.19 0.91 0.00	16.71 0.89 0.00	14.19 0.66 0.00	18.55 0.85 0.00	18.58 0.72 0.00	22.27 0.92 0.00	24.03 0.97 0.00	30.14 1.40 0.00	24.74 1.27 0.00	24.10 1.30 -0.70	26.11 1.85 0.00	25.60 1.85 0.00	23.58 1.63 0.00	24.32 1.68 0.00	23.68 1.73 0.00	27.01 1.80 0.00	26.29 2.23 8.31	35.64 2.47 6.45	40.84 2.47 0.00	32.87 2.01 0.00	25.01 1.57 0.00	24.37 1.56 0.00	23.71 1.52 0.00	21.08 1.34 -0.36
HEWLETT_69_KV_BK3 55828	15.31 1.03 0.00	16.83 1.00 0.00	14.28 0.75 0.00	18.68 0.98 0.00	18.72 0.86 0.00	22.43 1.08 0.00	24.22 1.16 0.00	30.36 1.62 0.00	24.92 1.44 0.00	24.28 1.48 -0.70	26.33 2.07 0.00	25.82 2.06 0.00	23.75 1.80 0.00	24.49 1.85 0.00	23.85 1.90 0.00	27.25 2.04 0.00	35.11 2.51 -0.23	42.53 2.82 -0.08	41.20 2.82 0.00	33.12 2.26 0.00	25.20 1.76 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.23 1.49 -0.36
HICKLING___1 23621	13.65 -0.48 0.14	15.31 -0.51 0.00	13.07 -0.46 0.00	17.11 -0.58 0.00	17.29 -0.57 0.00	20.64 -0.71 0.00	22.44 -0.62 0.00	28.09 -0.65 0.00	22.92 -0.55 0.00	22.92 -0.51 -1.32	27.87 -0.43 -4.04	25.49 -0.50 -2.24	21.50 -0.48 -0.02	25.22 -0.47 -3.05	25.17 -0.45 -3.68	28.19 -0.47 -3.45	36.94 -0.57 -5.14	44.96 -0.59 -5.93	43.59 -0.73 -5.94	35.68 -0.68 -5.51	27.72 -0.65 -4.92	25.35 -0.61 -3.15	21.60 -0.58 0.00	18.78 -0.60 0.00
HICKLING___2 23622	13.65 -0.48 0.14	15.31 -0.51 0.00	13.07 -0.46 0.00	17.11 -0.58 0.00	17.29 -0.57 0.00	20.64 -0.71 0.00	22.44 -0.62 0.00	28.09 -0.65 0.00	22.92 -0.55 0.00	22.92 -0.51 -1.32	27.87 -0.43 -4.04	25.49 -0.50 -2.24	21.50 -0.48 -0.02	25.22 -0.47 -3.05	25.17 -0.45 -3.68	28.19 -0.47 -3.45	36.94 -0.57 -5.14	44.96 -0.59 -5.93	43.59 -0.73 -5.94	35.68 -0.68 -5.51	27.72 -0.65 -4.92	25.35 -0.61 -3.15	21.60 -0.58 0.00	18.78 -0.60 0.00
HIGH FALLS___HY 23754	15.15 0.89 0.02	16.74 0.91 0.00	14.24 0.71 0.00	18.60 0.90 0.00	18.68 0.82 0.00	22.37 1.03 0.01	24.19 1.14 0.00	30.40 1.67 0.00	24.95 1.48 0.00	21.65 1.41 1.87	25.96 1.70 0.00	25.45 1.69 0.00	23.49 1.54 0.00	24.24 1.59 0.00	23.68 1.73 0.00	27.21 2.00 0.00	34.95 2.58 0.00	42.63 3.01 0.00	41.29 2.91 0.00	33.17 2.32 0.00	25.11 1.67 0.00	24.42 1.60 0.00	23.64 1.46 0.00	19.68 1.25 0.95
HIGH_RIVER___SOLAR 323847	14.88 0.57 -0.03	16.43 0.61 0.00	14.03 0.49 0.00	18.33 0.63 0.00	18.48 0.63 0.00	22.14 0.78 -0.01	23.94 0.88 0.00	29.92 1.18 0.00	24.36 0.88 0.00	26.59 0.58 -3.90	24.72 0.46 0.00	24.02 0.27 0.00	22.18 0.23 0.00	22.94 0.30 0.00	22.25 0.30 0.00	25.72 0.50 0.00	33.36 0.99 0.00	41.30 1.68 0.00	40.08 1.70 0.00	32.21 1.36 0.00	24.47 1.03 0.00	23.79 0.98 0.00	23.10 0.91 0.00	22.17 0.78 -2.00

HILLBURN___GT 23639	15.11 0.84 0.00	16.68 0.86 0.00	14.19 0.67 0.00	18.54 0.84 0.00	18.61 0.76 0.00	22.32 0.97 0.00	24.09 1.04 0.00	30.22 1.48 0.00	24.76 1.29 0.00	24.03 1.30 -0.62	25.92 1.66 0.00	25.45 1.69 0.00	23.52 1.58 0.00	24.28 1.64 0.00	23.67 1.72 0.00	27.04 1.82 0.00	34.79 2.42 0.00	42.44 2.82 0.00	41.07 2.69 0.00	32.99 2.14 0.00	24.98 1.54 0.00	24.30 1.48 0.00	23.63 1.45 0.00	20.99 1.28 -0.33
HILLSIDE_115KV_TB1 80332	13.64 -0.50 0.13	15.29 -0.53 0.00	13.07 -0.46 0.00	17.12 -0.58 0.00	17.26 -0.60 0.00	20.58 -0.77 0.00	22.35 -0.71 0.00	27.97 -0.76 0.00	22.86 -0.62 0.00	22.78 -0.51 -1.18	27.49 -0.41 -3.64	25.31 -0.46 -2.01	21.54 -0.44 -0.02	24.94 -0.44 -2.74	24.84 -0.42 -3.31	27.83 -0.49 -3.10	36.40 -0.59 -4.62	44.20 -0.67 -5.25	42.76 -0.84 -5.22	34.93 -0.77 -4.85	27.06 -0.71 -4.33	24.92 -0.67 -2.77	21.57 -0.61 0.00	18.75 -0.63 0.00
HISHELDN_WT_PWR 323625	13.18 -1.03 0.07	14.75 -1.07 0.00	12.50 -1.03 0.00	16.31 -1.39 0.00	16.61 -1.25 0.00	19.82 -1.53 0.00	21.54 -1.51 0.00	26.81 -1.93 0.00	21.81 -1.66 0.00	12.69 -1.57 7.85	-1.45 -1.61 24.10	8.69 -1.71 13.35	20.09 -1.71 0.15	2.65 -1.70 18.29	-1.79 -1.66 22.08	2.68 -1.84 20.69	-0.91 -2.45 30.83	0.39 -2.88 36.35	-1.19 -2.78 36.79	-5.42 -2.11 34.16	-8.77 -1.71 30.50	1.59 -1.71 19.51	20.58 -1.60 0.00	17.79 -1.59 0.00
HOLTSVILLE_IC_1 23690	15.30 1.03 0.00	16.83 1.00 0.00	14.26 0.72 0.00	18.66 0.96 0.00	18.66 0.80 0.00	22.32 0.97 0.00	24.11 1.05 0.00	30.21 1.47 0.00	24.85 1.37 0.00	24.18 1.37 -0.70	26.27 2.01 0.00	25.77 2.01 0.00	23.64 1.69 0.00	24.31 1.67 0.00	23.66 1.72 0.00	26.90 1.69 0.00	19.21 2.00 15.17	29.01 2.17 12.78	40.61 2.23 0.00	32.78 1.93 0.00	25.02 1.59 0.00	24.44 1.63 0.00	23.85 1.67 0.00	21.21 1.47 -0.36
HOLTSVILLE_IC_10 23699	15.37 1.10 0.00	16.88 1.06 0.00	14.31 0.78 0.00	18.72 1.03 0.00	18.72 0.86 0.00	22.41 1.06 0.00	24.22 1.16 0.00	30.36 1.62 0.00	24.97 1.49 0.00	24.29 1.48 -0.70	26.38 2.12 0.00	25.88 2.13 0.00	23.74 1.79 0.00	24.42 1.78 0.00	23.77 1.83 0.00	27.03 1.82 0.00	19.47 2.15 15.04	29.30 2.36 12.68	40.78 2.40 0.00	32.93 2.08 0.00	25.15 1.71 0.00	24.57 1.76 0.00	23.96 1.78 0.00	21.31 1.56 -0.36
HOLTSVILLE_IC_2 23691	15.30 1.03 0.00	16.83 1.00 0.00	14.26 0.72 0.00	18.66 0.96 0.00	18.66 0.80 0.00	22.32 0.97 0.00	24.11 1.05 0.00	30.21 1.47 0.00	24.85 1.37 0.00	24.18 1.37 -0.70	26.27 2.01 0.00	25.77 2.01 0.00	23.64 1.69 0.00	24.31 1.67 0.00	23.66 1.72 0.00	26.90 1.69 0.00	19.21 2.00 15.17	29.01 2.17 12.78	40.61 2.23 0.00	32.78 1.93 0.00	25.02 1.59 0.00	24.44 1.63 0.00	23.85 1.67 0.00	21.21 1.47 -0.36
HOLTSVILLE_IC_3 23692	15.30 1.03 0.00	16.83 1.00 0.00	14.26 0.72 0.00	18.66 0.96 0.00	18.66 0.80 0.00	22.32 0.97 0.00	24.11 1.05 0.00	30.21 1.47 0.00	24.85 1.37 0.00	24.18 1.37 -0.70	26.27 2.01 0.00	25.77 2.01 0.00	23.64 1.69 0.00	24.31 1.67 0.00	23.66 1.72 0.00	26.90 1.69 0.00	19.21 2.00 15.17	29.01 2.17 12.78	40.61 2.23 0.00	32.78 1.93 0.00	25.02 1.59 0.00	24.44 1.63 0.00	23.85 1.67 0.00	21.21 1.47 -0.36
HOLTSVILLE_IC_4 23693	15.30 1.03 0.00	16.83 1.00 0.00	14.26 0.72 0.00	18.66 0.96 0.00	18.66 0.80 0.00	22.32 0.97 0.00	24.11 1.05 0.00	30.21 1.47 0.00	24.85 1.37 0.00	24.18 1.37 -0.70	26.27 2.01 0.00	25.77 2.01 0.00	23.64 1.69 0.00	24.31 1.67 0.00	23.66 1.72 0.00	26.90 1.69 0.00	19.21 2.00 15.17	29.01 2.17 12.78	40.61 2.23 0.00	32.78 1.93 0.00	25.02 1.59 0.00	24.44 1.63 0.00	23.85 1.67 0.00	21.21 1.47 -0.36
HOLTSVILLE_IC_5 23694	15.30 1.03 0.00	16.83 1.00 0.00	14.26 0.72 0.00	18.66 0.96 0.00	18.66 0.80 0.00	22.32 0.97 0.00	24.11 1.05 0.00	30.21 1.47 0.00	24.85 1.37 0.00	24.18 1.37 -0.70	26.27 2.01 0.00	25.77 2.01 0.00	23.64 1.69 0.00	24.31 1.67 0.00	23.66 1.72 0.00	26.90 1.69 0.00	19.21 2.00 15.17	29.01 2.17 12.78	40.61 2.23 0.00	32.78 1.93 0.00	25.02 1.59 0.00	24.44 1.63 0.00	23.85 1.67 0.00	21.21 1.47 -0.36
HOLTSVILLE_IC_6 23695	15.37 1.10 0.00	16.88 1.06 0.00	14.31 0.78 0.00	18.72 1.03 0.00	18.72 0.86 0.00	22.41 1.06 0.00	24.22 1.16 0.00	30.36 1.62 0.00	24.97 1.49 0.00	24.29 1.48 -0.70	26.38 2.12 0.00	25.88 2.13 0.00	23.74 1.79 0.00	24.42 1.78 0.00	23.77 1.83 0.00	27.03 1.82 0.00	19.47 2.15 15.04	29.30 2.36 12.68	40.78 2.40 0.00	32.93 2.08 0.00	25.15 1.71 0.00	24.57 1.76 0.00	23.96 1.78 0.00	21.31 1.56 -0.36
HOLTSVILLE_IC_7 23696	15.37 1.10 0.00	16.88 1.06 0.00	14.31 0.78 0.00	18.72 1.03 0.00	18.72 0.86 0.00	22.41 1.06 0.00	24.22 1.16 0.00	30.36 1.62 0.00	24.97 1.49 0.00	24.29 1.48 -0.70	26.38 2.12 0.00	25.88 2.13 0.00	23.74 1.79 0.00	24.42 1.78 0.00	23.77 1.83 0.00	27.03 1.82 0.00	19.47 2.15 15.04	29.30 2.36 12.68	40.78 2.40 0.00	32.93 2.08 0.00	25.15 1.71 0.00	24.57 1.76 0.00	23.96 1.78 0.00	21.31 1.56 -0.36
HOLTSVILLE_IC_8 23697	15.37 1.10 0.00	16.88 1.06 0.00	14.31 0.78 0.00	18.72 1.03 0.00	18.72 0.86 0.00	22.41 1.06 0.00	24.22 1.16 0.00	30.36 1.62 0.00	24.97 1.49 0.00	24.29 1.48 -0.70	26.38 2.12 0.00	25.88 2.13 0.00	23.74 1.79 0.00	24.42 1.78 0.00	23.77 1.83 0.00	27.03 1.82 0.00	19.47 2.15 15.04	29.30 2.36 12.68	40.78 2.40 0.00	32.93 2.08 0.00	25.15 1.71 0.00	24.57 1.76 0.00	23.96 1.78 0.00	21.31 1.56 -0.36
HOLTSVILLE_IC_9 23698	15.37 1.10 0.00	16.88 1.06 0.00	14.31 0.78 0.00	18.72 1.03 0.00	18.72 0.86 0.00	22.41 1.06 0.00	24.22 1.16 0.00	30.36 1.62 0.00	24.97 1.49 0.00	24.29 1.48 -0.70	26.38 2.12 0.00	25.88 2.13 0.00	23.74 1.79 0.00	24.42 1.78 0.00	23.77 1.83 0.00	27.03 1.82 0.00	19.47 2.15 15.04	29.30 2.36 12.68	40.78 2.40 0.00	32.93 2.08 0.00	25.15 1.71 0.00	24.57 1.76 0.00	23.96 1.78 0.00	21.31 1.56 -0.36
HOMER_HL_115KV_TB2 355744	13.73 -0.48 0.07	15.36 -0.46 0.00	13.02 -0.51 0.00	17.00 -0.69 0.00	17.28 -0.57 0.00	20.60 -0.75 0.00	22.42 -0.64 0.00	27.94 -0.80 0.00	22.78 -0.70 0.00	20.82 -0.50 0.79	21.53 -0.32 2.42	21.96 -0.46 1.33	21.47 -0.47 0.01	20.72 -0.32 1.60	19.61 -0.41 1.93	22.94 -0.46 1.80	28.96 -0.73 2.68	35.84 -0.73 3.05	34.60 -0.73 3.04	27.36 -0.68 2.82	20.25 -0.68 2.51	20.64 -0.56 1.62	21.63 -0.55 0.00	18.64 -0.75 0.00
HOWARD_WT_PWR 323690	12.94 -1.19 0.14	14.55 -1.27 0.00	12.38 -1.16 0.00	16.29 -1.40 0.00	16.50 -1.36 0.00	19.63 -1.71 0.00	21.35 -1.70 0.00	26.76 -1.97 0.00	21.79 -1.69 0.00	29.14 -1.76 -8.79	49.36 -1.91 -27.00	36.59 -2.12 -14.96	20.12 -1.99 -0.17	41.22 -2.08 -20.65	44.87 -2.00 -24.92	46.40 -2.16 -23.35	64.54 -2.64 -34.81	78.04 -2.68 -41.10	77.36 -2.65 -41.63	67.28 -2.23 -38.65	56.13 -1.84 -34.52	43.02 -1.88 -22.08	20.22 -1.96 0.00	17.62 -1.77 0.00

HQ_GEN_CEDARS 23644	0.63 0.15 13.80	1.34 0.07 14.56	2.73 0.10 10.91	36.54 0.15 -18.70	43.86 0.26 -25.74	36.01 0.53 -14.13	31.04 0.91 -7.08	30.22 1.48 0.00	24.45 0.97 0.00	22.21 0.29 0.18	24.31 0.04 0.00	23.83 0.07 0.00	21.79 -0.16 0.00	19.26 -0.46 2.93	13.69 -0.49 7.76	43.91 -0.11 -18.81	21.54 -0.13 10.69	79.64 1.59 -38.43	54.12 1.92 -13.82	60.42 1.36 -28.20	39.13 0.84 -14.85	52.51 0.68 -29.02	51.32 0.52 -28.61	46.55 0.39 -26.77
HQ_GEN_CEDARS_PROXY 323590	0.63 0.15 13.80	1.34 0.07 14.56	2.73 0.11 10.91	36.54 0.15 -18.70	43.86 0.26 -25.74	36.01 0.53 -14.13	31.04 0.91 -7.08	30.22 1.48 0.00	24.45 0.97 0.00	22.21 0.29 0.18	24.31 0.04 0.00	23.83 0.07 0.00	21.79 -0.16 0.00	19.26 -0.46 2.93	13.69 -0.49 7.76	43.91 -0.11 -18.81	21.54 -0.13 10.69	79.64 1.59 -38.43	54.11 1.92 -13.82	61.10 1.36 -28.88	39.13 0.84 -14.85	52.52 0.68 -29.02	51.32 0.52 -28.61	46.55 0.39 -26.77
HQ_GEN_IMPORT 323601	8.29 -0.12 5.87	9.66 -0.11 6.05	8.14 -0.03 5.36	15.31 -0.01 2.38	16.30 0.02 1.58	20.52 0.04 0.87	22.67 0.05 0.44	28.78 0.05 0.00	23.46 -0.01 0.00	22.00 -0.04 0.07	24.21 -0.05 0.00	23.72 -0.04 0.00	21.89 -0.06 0.00	21.41 -0.08 1.15	18.54 -0.19 3.22	22.76 -0.20 2.25	24.64 -0.25 7.48	36.66 -0.31 2.64	37.25 -0.28 0.85	28.91 -0.21 1.73	22.36 -0.16 0.91	20.88 -0.15 1.79	20.30 -0.12 1.76	17.63 -0.11 1.65
HQ_GEN_WHEEL 23651	8.29 -0.12 5.87	9.66 -0.11 6.05	8.14 -0.03 5.36	15.31 -0.01 2.38	16.30 0.02 1.58	20.52 0.04 0.87	22.67 0.05 0.44	28.78 0.05 0.00	23.46 -0.01 0.00	22.00 -0.04 0.07	24.21 -0.05 0.00	23.72 -0.04 0.00	21.89 -0.06 0.00	21.41 -0.08 1.15	18.54 -0.19 3.22	22.76 -0.20 2.25	24.64 -0.25 7.48	36.66 -0.31 2.64	37.25 -0.28 0.85	28.91 -0.21 1.73	22.36 -0.16 0.91	20.88 -0.15 1.79	20.30 -0.12 1.76	17.63 -0.11 1.65
HUDSON AVE_GT_3 23810	15.26 0.98 0.00	16.82 1.00 0.00	14.30 0.77 0.00	18.67 0.98 0.00	18.75 0.89 0.00	22.48 1.13 0.00	24.24 1.19 0.00	30.45 1.71 0.00	24.99 1.52 0.00	24.35 1.54 -0.70	26.21 1.95 0.00	25.75 2.00 0.00	23.83 1.88 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.42 2.20 0.00	35.14 2.77 0.00	42.69 3.08 0.00	41.32 2.94 0.00	33.28 2.43 0.00	25.24 1.80 0.00	24.53 1.72 0.00	23.85 1.67 0.00	21.21 1.47 -0.36
HUDSON AVE_GT_4 23540	15.26 0.98 0.00	16.82 1.00 0.00	14.30 0.77 0.00	18.67 0.98 0.00	18.75 0.89 0.00	22.48 1.13 0.00	24.24 1.19 0.00	30.45 1.71 0.00	24.99 1.52 0.00	24.35 1.54 -0.70	26.21 1.95 0.00	25.75 2.00 0.00	23.83 1.88 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.42 2.20 0.00	35.14 2.77 0.00	42.69 3.08 0.00	41.32 2.94 0.00	33.28 2.43 0.00	25.24 1.80 0.00	24.53 1.72 0.00	23.85 1.67 0.00	21.21 1.47 -0.36
HUDSON AVE_GT_5 23657	15.26 0.98 0.00	16.82 1.00 0.00	14.30 0.77 0.00	18.67 0.98 0.00	18.75 0.89 0.00	22.48 1.13 0.00	24.24 1.19 0.00	30.45 1.71 0.00	24.99 1.52 0.00	24.35 1.54 -0.70	26.21 1.95 0.00	25.75 2.00 0.00	23.83 1.88 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.42 2.20 0.00	35.14 2.77 0.00	42.69 3.08 0.00	41.32 2.94 0.00	33.28 2.43 0.00	25.24 1.80 0.00	24.53 1.72 0.00	23.85 1.67 0.00	21.21 1.47 -0.36
HUDSON_AVE_10 24168	15.18 0.91 0.00	16.74 0.92 0.00	14.24 0.71 0.00	18.59 0.90 0.00	18.66 0.81 0.00	22.38 1.03 0.00	24.13 1.07 0.00	30.31 1.58 0.00	24.88 1.40 0.00	24.24 1.43 -0.70	26.10 1.83 0.00	25.64 1.89 0.00	23.71 1.76 0.00	24.48 1.84 0.00	23.87 1.93 0.00	27.28 2.07 0.00	34.99 2.62 0.00	42.49 2.87 0.00	41.12 2.74 0.00	33.14 2.29 0.00	25.12 1.68 0.00	24.41 1.60 0.00	23.73 1.55 0.00	21.12 1.38 -0.36
HUDSON___115KV_TB 4 355613	14.79 0.63 0.12	16.49 0.67 0.00	14.06 0.53 0.00	18.37 0.67 0.00	18.50 0.64 0.00	22.13 0.83 0.05	24.00 0.95 0.00	29.92 1.19 0.00	24.33 0.85 0.00	8.15 0.81 14.76	25.00 0.73 0.00	24.45 0.70 0.00	22.63 0.68 0.00	23.38 0.74 0.00	22.69 0.74 0.00	26.12 0.90 0.00	33.65 1.29 0.00	41.47 1.85 0.00	40.24 1.87 0.00	32.32 1.47 0.00	24.58 1.14 0.00	23.90 1.08 0.00	23.16 0.99 0.01	13.06 0.87 7.20
HUNTER MOUNT___DRP 323613	14.85 0.67 0.09	16.53 0.71 0.00	14.09 0.56 0.00	18.42 0.72 0.00	18.56 0.70 0.00	22.23 0.92 0.03	24.12 1.07 0.00	30.07 1.33 0.00	24.42 0.95 0.00	11.82 0.84 11.13	24.95 0.69 0.00	24.41 0.66 0.00	22.59 0.64 0.00	23.34 0.70 0.00	22.63 0.69 0.00	26.07 0.85 0.00	33.63 1.26 0.00	41.54 1.92 0.00	40.36 1.98 0.00	32.40 1.54 0.00	24.65 1.22 0.00	23.95 1.14 0.00	23.21 1.03 0.00	14.88 0.91 5.41
HUNTINGTON_RES_REC 323705	15.23 0.96 0.00	16.75 0.93 0.00	14.20 0.67 0.00	18.57 0.87 0.00	18.56 0.71 0.00	22.20 0.85 0.00	23.95 0.90 0.00	30.00 1.27 0.00	24.66 1.19 0.00	24.02 1.22 -0.70	26.14 1.88 0.00	25.64 1.89 0.00	23.51 1.56 0.00	24.20 1.56 0.00	23.54 1.59 0.00	26.80 1.59 0.00	19.21 1.90 15.06	28.98 2.05 12.69	40.48 2.11 0.00	32.65 1.80 0.00	24.90 1.46 0.00	24.29 1.48 0.00	23.68 1.50 0.00	21.07 1.33 -0.36
HUNTLEY___63 23557	13.35 -0.88 0.05	14.93 -0.89 0.00	12.61 -0.92 0.00	16.42 -1.28 0.00	16.75 -1.11 0.00	19.99 -1.36 0.00	21.73 -1.32 0.00	26.96 -1.77 0.00	21.95 -1.52 0.00	18.24 -1.37 2.50	15.25 -1.35 7.67	18.03 -1.47 4.25	20.43 -1.48 0.05	15.54 -1.33 5.77	13.64 -1.34 6.96	17.17 -1.52 6.52	20.45 -2.20 9.71	25.50 -2.73 11.39	24.30 -2.57 11.50	18.28 -1.88 10.69	12.41 -1.50 9.52	15.28 -1.43 6.11	20.95 -1.24 0.00	18.03 -1.36 0.00
HUNTLEY___64 23558	13.35 -0.88 0.05	14.93 -0.89 0.00	12.61 -0.92 0.00	16.42 -1.28 0.00	16.75 -1.11 0.00	19.99 -1.36 0.00	21.73 -1.32 0.00	26.96 -1.77 0.00	21.95 -1.52 0.00	18.24 -1.37 2.50	15.25 -1.35 7.67	18.03 -1.47 4.25	20.43 -1.48 0.05	15.54 -1.33 5.77	13.64 -1.34 6.96	17.17 -1.52 6.52	20.45 -2.20 9.71	25.50 -2.73 11.39	24.30 -2.57 11.50	18.28 -1.88 10.69	12.41 -1.50 9.52	15.28 -1.43 6.11	20.95 -1.24 0.00	18.03 -1.36 0.00
HUNTLEY___65 23559	13.35 -0.88 0.05	14.93 -0.89 0.00	12.61 -0.92 0.00	16.42 -1.28 0.00	16.75 -1.11 0.00	19.99 -1.36 0.00	21.73 -1.32 0.00	26.96 -1.77 0.00	21.95 -1.52 0.00	18.24 -1.37 2.50	15.25 -1.35 7.67	18.03 -1.47 4.25	20.43 -1.48 0.05	15.54 -1.33 5.77	13.64 -1.34 6.96	17.17 -1.52 6.52	20.45 -2.20 9.71	25.50 -2.73 11.39	24.30 -2.57 11.50	18.28 -1.88 10.69	12.41 -1.50 9.52	15.28 -1.43 6.11	20.95 -1.24 0.00	18.03 -1.36 0.00
HUNTLEY___66 23560	13.35 -0.88 0.05	14.93 -0.89 0.00	12.61 -0.92 0.00	16.42 -1.28 0.00	16.75 -1.11 0.00	19.99 -1.36 0.00	21.73 -1.32 0.00	26.96 -1.77 0.00	21.95 -1.52 0.00	18.24 -1.37 2.50	15.25 -1.35 7.67	18.03 -1.47 4.25	20.43 -1.48 0.05	15.54 -1.33 5.77	13.64 -1.34 6.96	17.17 -1.52 6.52	20.45 -2.20 9.71	25.50 -2.73 11.39	24.30 -2.57 11.50	18.28 -1.88 10.69	12.41 -1.50 9.52	15.28 -1.43 6.11	20.95 -1.24 0.00	18.03 -1.36 0.00



HUNTLEY___67 23561	13.26 -0.96 0.05	14.84 -0.99 0.00	12.54 -0.99 0.00	16.34 -1.35 0.00	16.66 -1.20 0.00	19.86 -1.49 0.00	21.58 -1.47 0.00	26.78 -1.95 0.00	21.79 -1.69 0.00	17.69 -1.53 2.89	13.84 -1.56 8.86	17.19 -1.66 4.91	20.28 -1.62 0.05	14.39 -1.57 6.68	12.31 -1.57 8.06	15.89 -1.77 7.56	18.61 -2.49 11.26	23.34 -3.06 13.22	22.13 -2.90 13.35	16.28 -2.18 12.39	10.63 -1.75 11.07	14.08 -1.65 7.08	20.78 -1.40 0.00	17.90 -1.49 0.00
HUNTLEY___68 23562	13.26 -0.96 0.05	14.84 -0.99 0.00	12.54 -0.99 0.00	16.34 -1.35 0.00	16.66 -1.20 0.00	19.86 -1.49 0.00	21.58 -1.47 0.00	26.78 -1.95 0.00	21.79 -1.69 0.00	17.69 -1.53 2.89	13.84 -1.56 8.86	17.19 -1.66 4.91	20.28 -1.62 0.05	14.39 -1.57 6.68	12.31 -1.57 8.06	15.89 -1.77 7.56	18.61 -2.49 11.26	23.34 -3.06 13.22	22.13 -2.90 13.35	16.28 -2.18 12.39	10.63 -1.75 11.07	14.08 -1.65 7.08	20.78 -1.40 0.00	17.90 -1.49 0.00
HYLAND___LFGE 323620	13.91 -0.28 0.08	15.52 -0.30 0.00	13.17 -0.37 0.00	17.21 -0.49 0.00	17.49 -0.37 0.00	20.93 -0.42 0.00	22.89 -0.17 0.00	28.65 -0.08 0.00	23.26 -0.21 0.00	31.25 -0.67 -9.81	53.37 -1.02 -30.13	39.40 -1.04 -16.69	21.13 -1.00 -0.18	44.68 -0.98 -23.02	48.78 -0.94 -27.77	50.28 -0.96 -26.02	70.05 -1.11 -38.79	84.78 -0.69 -45.85	84.58 -0.26 -46.46	73.85 -0.14 -43.13	61.79 -0.18 -38.52	47.24 -0.21 -24.64	21.96 -0.22 0.00	19.01 -0.38 0.00
INDECK___CORINTH 23802	14.94 0.62 -0.05	16.45 0.62 0.00	14.05 0.52 0.00	18.35 0.66 0.00	18.50 0.65 0.00	22.23 0.86 -0.02	24.06 1.00 0.00	30.10 1.36 0.00	24.60 1.13 0.00	29.63 0.96 -6.56	25.09 0.82 0.00	24.48 0.73 0.00	22.48 0.52 0.00	23.21 0.58 0.00	22.63 0.69 0.00	26.23 1.02 0.00	33.69 1.31 0.00	41.42 1.80 0.00	40.14 1.77 0.00	32.17 1.32 0.00	24.48 1.04 0.00	23.83 1.01 0.00	23.20 1.02 0.00	23.38 0.90 -3.10
INDECK___ILION 23567	16.46 0.15 -2.03	18.09 0.17 -2.10	15.46 0.12 -1.82	18.19 0.12 -0.37	17.95 0.10 0.00	21.47 0.12 0.00	23.19 0.14 0.00	28.99 0.26 0.00	23.65 0.18 0.00	22.25 0.12 -0.03	24.33 0.06 0.00	23.75 0.00 0.00	21.95 0.00 0.00	23.03 -0.01 -0.40	23.11 0.05 -1.12	25.65 0.11 -0.33	35.07 0.25 -2.46	40.21 0.51 -0.08	38.81 0.43 0.00	31.18 0.33 0.00	23.76 0.32 0.00	23.10 0.29 0.00	22.40 0.22 0.00	19.56 0.17 0.00
INDECK___OLEAN 23982	13.73 -0.48 0.07	15.36 -0.47 0.00	13.01 -0.51 0.00	17.00 -0.69 0.00	17.28 -0.57 0.00	20.60 -0.75 0.00	22.41 -0.64 0.00	27.94 -0.80 0.00	22.78 -0.70 0.00	20.83 -0.50 0.79	21.58 -0.26 2.42	22.01 -0.41 1.33	21.45 -0.49 0.01	20.73 -0.32 1.60	19.61 -0.41 1.93	22.95 -0.46 1.80	28.96 -0.72 2.68	35.89 -0.68 3.05	34.64 -0.70 3.04	27.37 -0.66 2.82	20.28 -0.65 2.51	20.64 -0.56 1.62	21.62 -0.57 0.00	18.64 -0.75 0.00
INDECK___OSWEGO 23783	13.95 -0.37 -0.04	15.44 -0.42 -0.04	13.25 -0.39 -0.10	18.13 -0.52 -0.95	18.49 -0.51 -1.14	21.37 -0.61 -0.63	22.71 -0.66 -0.31	27.84 -0.90 0.00	22.76 -0.72 0.00	21.43 -0.68 0.00	23.47 -0.80 0.00	22.96 -0.79 0.00	21.25 -0.70 0.00	21.90 -0.74 0.00	21.29 -0.67 -0.02	25.40 -0.75 -0.94	31.72 -0.97 -0.32	40.25 -1.10 -1.73	37.93 -1.06 -0.61	31.23 -0.87 -1.25	23.43 -0.67 -0.66	23.45 -0.65 -1.29	22.83 -0.62 -1.27	20.02 -0.56 -1.19
INDECK___YERKES 23781	13.37 -0.85 0.05	14.94 -0.88 0.00	12.62 -0.91 0.00	16.44 -1.26 0.00	16.77 -1.09 0.00	20.01 -1.34 0.00	21.74 -1.31 0.00	26.99 -1.74 0.00	21.98 -1.50 0.00	18.27 -1.34 2.50	15.35 -1.24 7.67	18.13 -1.38 4.25	20.43 -1.48 0.05	15.58 -1.29 5.77	13.67 -1.31 6.96	17.21 -1.48 6.52	20.50 -2.16 9.71	25.62 -2.61 11.39	24.37 -2.50 11.50	18.35 -1.82 10.69	12.49 -1.43 9.52	15.32 -1.39 6.11	20.95 -1.23 0.00	18.04 -1.34 0.00
INDIAN POINT_GT_1 24139	15.10 0.83 0.00	16.67 0.84 0.00	14.18 0.65 0.00	18.51 0.82 0.00	18.59 0.73 0.00	22.29 0.94 0.00	24.05 1.00 0.00	30.18 1.44 0.00	24.74 1.27 0.00	24.07 1.28 -0.68	25.89 1.63 0.00	25.41 1.66 0.00	23.49 1.54 0.00	24.24 1.60 0.00	23.63 1.68 0.00	27.04 1.82 0.00	34.71 2.34 0.00	42.29 2.68 0.00	40.94 2.56 0.00	32.91 2.06 0.00	24.94 1.51 0.00	24.26 1.45 0.00	23.60 1.42 0.00	20.99 1.25 -0.35
INDIAN POINT_GT_2 23659	15.10 0.83 0.00	16.67 0.84 0.00	14.18 0.65 0.00	18.51 0.82 0.00	18.59 0.73 0.00	22.29 0.94 0.00	24.05 1.00 0.00	30.18 1.44 0.00	24.74 1.27 0.00	24.07 1.28 -0.68	25.89 1.63 0.00	25.41 1.66 0.00	23.49 1.54 0.00	24.24 1.60 0.00	23.63 1.68 0.00	27.04 1.82 0.00	34.71 2.34 0.00	42.29 2.68 0.00	40.94 2.56 0.00	32.91 2.06 0.00	24.94 1.51 0.00	24.26 1.45 0.00	23.60 1.42 0.00	20.99 1.25 -0.35
INDIAN POINT_GT_3 24019	15.10 0.83 0.00	16.67 0.84 0.00	14.18 0.65 0.00	18.51 0.82 0.00	18.59 0.73 0.00	22.29 0.94 0.00	24.05 1.00 0.00	30.18 1.44 0.00	24.74 1.27 0.00	24.07 1.28 -0.68	25.89 1.63 0.00	25.41 1.66 0.00	23.49 1.54 0.00	24.24 1.60 0.00	23.63 1.68 0.00	27.04 1.82 0.00	34.71 2.34 0.00	42.29 2.68 0.00	40.94 2.56 0.00	32.91 2.06 0.00	24.94 1.51 0.00	24.26 1.45 0.00	23.60 1.42 0.00	20.99 1.25 -0.35
INDIAN POINT___2 23530	15.10 0.82 0.00	16.67 0.84 0.00	14.18 0.65 0.00	18.51 0.81 0.00	18.59 0.73 0.00	22.28 0.93 0.00	24.04 0.99 0.00	30.16 1.43 0.00	24.73 1.25 0.00	24.03 1.27 -0.65	25.88 1.62 0.00	25.40 1.65 0.00	23.49 1.53 0.00	24.24 1.60 0.00	23.63 1.68 0.00	27.03 1.82 0.00	34.70 2.33 0.00	42.29 2.67 0.00	40.93 2.56 0.00	32.90 2.05 0.00	24.93 1.49 0.00	24.25 1.44 0.00	23.59 1.41 0.00	20.98 1.25 -0.34
INDIAN POINT___3 23531	15.10 0.82 0.00	16.66 0.83 0.00	14.17 0.64 0.00	18.51 0.81 0.00	18.59 0.73 0.00	22.28 0.93 0.00	24.04 0.99 0.00	30.15 1.42 0.00	24.72 1.25 0.00	24.05 1.26 -0.68	25.88 1.61 0.00	25.39 1.64 0.00	23.47 1.52 0.00	24.24 1.59 0.00	23.62 1.67 0.00	27.02 1.81 0.00	34.68 2.31 0.00	42.27 2.66 0.00	40.91 2.54 0.00	32.89 2.03 0.00	24.93 1.49 0.00	24.24 1.43 0.00	23.58 1.40 0.00	20.98 1.24 -0.35
INGHAM_C_115KV_TB7 356103	16.53 0.23 -2.03	18.19 0.26 -2.10	15.53 0.18 -1.82	18.26 0.19 -0.37	17.99 0.13 0.00	21.53 0.18 0.00	23.26 0.21 0.00	29.15 0.42 0.00	23.73 0.25 0.00	22.23 0.10 -0.03	24.20 -0.06 0.00	23.55 -0.20 0.00	21.76 -0.19 0.00	22.82 -0.22 -0.40	22.96 -0.11 -1.12	25.53 -0.01 -0.33	35.07 0.25 -2.46	40.48 0.78 -0.08	39.03 0.65 0.00	31.33 0.48 0.00	23.98 0.54 0.00	23.29 0.48 0.00	22.52 0.33 0.00	19.64 0.26 0.00
IP CORINTH___1 23988	15.01 0.69 -0.05	16.53 0.70 0.00	14.12 0.59 0.00	18.44 0.74 0.00	18.59 0.74 0.00	22.34 0.97 -0.02	24.17 1.12 0.00	30.25 1.52 0.00	24.72 1.25 0.00	29.74 1.07 -6.56	25.22 0.96 0.00	24.61 0.86 0.00	22.59 0.64 0.00	23.33 0.69 0.00	22.74 0.80 0.00	26.36 1.14 0.00	33.85 1.48 0.00	41.62 2.00 0.00	40.34 1.97 0.00	32.33 1.48 0.00	24.60 1.16 0.00	23.94 1.13 0.00	23.32 1.13 0.00	23.48 0.99 -3.10

IP___TICONDEROGA 23804	15.67 1.35 -0.05	17.23 1.40 0.00	14.84 1.31 0.00	19.37 1.68 0.00	19.57 1.71 0.00	23.58 2.21 -0.02	25.49 2.44 0.00	31.80 3.06 0.00	26.10 2.63 0.00	31.20 2.24 -6.85	26.15 1.88 0.00	25.51 1.76 0.00	23.21 1.25 0.00	23.95 1.31 0.00	23.53 1.58 0.00	27.56 2.35 0.00	35.16 2.79 0.00	43.42 3.80 0.00	42.18 3.80 0.00	33.64 2.79 0.00	25.68 2.24 0.00	25.03 2.22 0.00	24.44 2.25 0.00	24.61 2.01 -3.21
ISLIP_RES_REC 323679	15.41 1.14 0.00	16.93 1.11 0.00	14.34 0.81 0.00	18.77 1.08 0.00	18.77 0.91 0.00	22.48 1.13 0.00	24.30 1.24 0.00	30.48 1.74 0.00	25.06 1.59 0.00	24.38 1.57 -0.70	26.48 2.22 0.00	25.97 2.22 0.00	23.83 1.87 0.00	24.51 1.87 0.00	23.87 1.93 0.00	27.15 1.94 0.00	19.71 2.30 14.96	29.57 2.55 12.60	40.96 2.59 0.00	33.08 2.23 0.00	25.25 1.81 0.00	24.67 1.85 0.00	24.05 1.87 0.00	21.37 1.62 -0.36
JAMAICA__27_KV_LOAD 355505	15.24 0.96 0.00	16.81 0.98 0.00	14.28 0.75 0.00	18.66 0.96 0.00	18.74 0.88 0.00	22.48 1.12 0.00	24.21 1.16 0.00	30.43 1.70 0.00	24.97 1.50 0.00	24.31 1.51 -0.70	26.18 1.92 0.00	25.74 1.99 0.00	23.81 1.86 0.00	24.56 1.92 0.00	23.96 2.02 0.00	27.38 2.17 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.30 2.93 0.00	33.30 2.45 0.00	25.23 1.79 0.00	24.51 1.69 0.00	23.83 1.65 0.00	21.21 1.47 -0.36
JANIS___SOLAR 323808	14.71 0.26 -0.17	16.11 0.28 0.00	13.74 0.20 0.00	17.98 0.28 0.00	18.18 0.32 0.00	21.75 0.40 0.00	23.66 0.61 0.00	29.61 0.88 0.00	24.12 0.65 0.00	23.14 0.30 -0.73	26.77 0.26 -2.24	25.12 0.12 -1.24	22.01 0.05 -0.01	24.31 -0.03 -1.70	23.97 -0.02 -2.05	27.36 0.23 -1.92	35.87 0.64 -2.86	44.28 1.32 -3.33	43.05 1.31 -3.35	34.93 0.97 -3.11	26.90 0.68 -2.78	25.20 0.61 -1.78	22.68 0.50 0.00	19.72 0.34 0.00
JARVIS____ 23743	16.37 0.07 -2.03	18.00 0.08 -2.10	15.40 0.05 -1.82	18.12 0.05 -0.37	17.89 0.04 0.00	21.39 0.04 0.00	23.09 0.03 0.00	28.80 0.06 0.00	23.55 0.07 0.00	22.20 0.07 -0.03	24.34 0.07 0.00	23.83 0.07 0.00	22.02 0.07 0.00	23.11 0.07 -0.40	23.17 0.11 -1.12	25.66 0.12 -0.33	34.96 0.14 -2.46	39.89 0.19 -0.08	38.56 0.18 0.00	30.98 0.12 0.00	23.56 0.12 0.00	22.92 0.11 0.00	22.27 0.09 0.00	19.47 0.08 0.00
JENNISON___1 23625	14.62 0.31 -0.04	16.21 0.39 0.00	13.82 0.29 0.00	18.08 0.38 0.00	18.23 0.37 0.00	21.72 0.38 0.00	23.52 0.47 0.00	29.43 0.69 0.00	24.04 0.56 0.00	22.66 0.56 0.00	24.95 0.69 0.00	24.40 0.65 0.00	22.46 0.51 0.00	22.99 0.35 0.00	22.25 0.30 0.00	25.66 0.45 0.00	32.97 0.61 0.00	40.78 1.16 0.00	39.37 0.99 0.00	31.50 0.65 0.00	23.88 0.44 0.00	23.18 0.37 0.00	22.44 0.25 0.00	19.56 0.17 0.00
JENNISON___2 23626	14.62 0.31 -0.04	16.21 0.39 0.00	13.82 0.29 0.00	18.08 0.38 0.00	18.23 0.37 0.00	21.72 0.38 0.00	23.52 0.47 0.00	29.43 0.69 0.00	24.04 0.56 0.00	22.66 0.56 0.00	24.95 0.69 0.00	24.40 0.65 0.00	22.46 0.51 0.00	22.99 0.35 0.00	22.25 0.30 0.00	25.66 0.45 0.00	32.97 0.61 0.00	40.78 1.16 0.00	39.37 0.99 0.00	31.50 0.65 0.00	23.88 0.44 0.00	23.18 0.37 0.00	22.44 0.25 0.00	19.56 0.17 0.00
JERICHO_RISE_WT_PWR 323719	-20.16 -0.54 33.90	-19.39 -0.62 34.60	-19.70 -0.43 32.81	-23.16 -0.56 40.29	-23.98 -0.52 41.32	-1.79 -0.46 22.67	11.22 -0.47 11.36	28.23 -0.51 0.00	23.05 -0.43 0.00	21.24 -0.47 0.40	23.72 -0.54 0.00	23.31 -0.44 0.00	21.32 -0.63 0.00	15.41 -0.84 6.39	2.53 -1.01 18.41	-15.15 -1.03 39.34	-19.62 -1.23 50.75	-25.56 -1.23 63.95	15.26 -0.95 22.17	-15.26 -0.86 45.25	-1.07 -0.68 23.83	-24.43 -0.69 46.56	-24.41 -0.68 45.91	-24.17 -0.61 42.95
KATONAH__115KV_46KV_TB4 355592	15.16 0.89 0.00	16.73 0.90 0.00	14.23 0.70 0.00	18.58 0.88 0.00	18.66 0.80 0.00	22.38 1.03 0.00	24.16 1.11 0.00	30.34 1.60 0.00	24.87 1.39 0.00	24.21 1.40 -0.70	26.00 1.74 0.00	25.51 1.75 0.00	23.58 1.63 0.00	24.36 1.72 0.00	23.73 1.79 0.00	27.18 1.97 0.00	34.88 2.51 0.00	42.49 2.87 0.00	41.13 2.76 0.00	33.08 2.23 0.00	25.08 1.64 0.00	24.38 1.57 0.00	23.70 1.51 0.00	21.07 1.32 -0.36
KCE_NY_1 323755	15.11 0.78 -0.05	16.63 0.81 0.00	14.19 0.66 0.00	18.54 0.84 0.00	18.68 0.82 0.00	22.42 1.05 -0.02	24.24 1.19 0.00	30.33 1.59 0.00	24.76 1.29 0.00	30.49 1.13 -7.25	25.37 1.11 0.00	24.78 1.03 0.00	22.83 0.88 0.00	23.57 0.93 0.00	22.98 1.03 0.00	26.55 1.33 0.00	34.11 1.74 0.00	41.89 2.28 0.00	40.59 2.21 0.00	32.58 1.72 0.00	24.78 1.34 0.00	24.11 1.30 0.00	23.43 1.24 0.00	23.86 1.09 -3.38
KCE_NY_6_ESR 323823	13.42 -0.80 0.06	15.01 -0.81 0.00	12.69 -0.84 0.00	16.55 -1.15 0.00	16.84 -1.01 0.00	20.10 -1.25 0.00	21.87 -1.18 0.00	27.18 -1.56 0.00	22.11 -1.37 0.00	17.85 -1.22 3.03	13.82 -1.14 9.30	17.33 -1.28 5.15	20.57 -1.32 0.06	14.43 -1.23 6.98	12.30 -1.23 8.42	15.94 -1.39 7.89	18.66 -1.96 11.75	23.50 -2.33 13.78	22.21 -2.24 13.92	16.21 -1.70 12.93	10.54 -1.37 11.53	14.10 -1.32 7.39	21.02 -1.17 0.00	18.13 -1.26 0.00
KEDC_PORT_JEFF_GT2 24210	15.35 1.07 0.00	16.87 1.04 0.00	14.29 0.76 0.00	18.70 1.00 0.00	18.69 0.84 0.00	22.37 1.02 0.00	24.17 1.12 0.00	30.30 1.56 0.00	24.92 1.45 0.00	24.25 1.44 -0.70	26.34 2.08 0.00	25.84 2.09 0.00	23.71 1.76 0.00	24.38 1.74 0.00	23.75 1.80 0.00	27.01 1.79 0.00	19.39 2.11 15.09	29.11 2.20 12.71	40.64 2.26 0.00	32.81 1.96 0.00	25.07 1.63 0.00	24.54 1.73 0.00	23.93 1.75 0.00	21.28 1.53 -0.36
KEDC_PORT_JEFF_GT3 24211	15.35 1.07 0.00	16.87 1.04 0.00	14.29 0.76 0.00	18.70 1.00 0.00	18.69 0.84 0.00	22.37 1.02 0.00	24.17 1.12 0.00	30.30 1.56 0.00	24.92 1.45 0.00	24.25 1.44 -0.70	26.34 2.08 0.00	25.84 2.09 0.00	23.71 1.76 0.00	24.38 1.74 0.00	23.75 1.80 0.00	27.01 1.79 0.00	19.39 2.11 15.09	29.11 2.20 12.71	40.64 2.26 0.00	32.81 1.96 0.00	25.07 1.63 0.00	24.54 1.73 0.00	23.93 1.75 0.00	21.28 1.53 -0.36
KEDC_GLWD_GT4 24219	15.24 0.96 0.00	16.79 0.96 0.00	14.26 0.73 0.00	18.63 0.93 0.00	18.68 0.82 0.00	22.39 1.04 0.00	24.17 1.11 0.00	30.32 1.58 0.00	24.88 1.41 0.00	24.24 1.43 -0.70	26.19 1.93 0.00	25.69 1.94 0.00	23.70 1.75 0.00	24.46 1.83 0.00	23.83 1.88 0.00	27.22 2.01 0.00	29.53 2.51 5.35	38.23 2.82 4.21	41.14 2.76 0.00	33.09 2.24 0.00	25.15 1.71 0.00	24.48 1.66 0.00	23.80 1.62 0.00	21.17 1.42 -0.36
KEDC_GLWD_GT5 24220	15.24 0.96 0.00	16.79 0.96 0.00	14.26 0.73 0.00	18.63 0.93 0.00	18.68 0.82 0.00	22.39 1.04 0.00	24.17 1.11 0.00	30.32 1.58 0.00	24.88 1.41 0.00	24.24 1.43 -0.70	26.19 1.93 0.00	25.69 1.94 0.00	23.70 1.75 0.00	24.46 1.83 0.00	23.83 1.88 0.00	27.22 2.01 0.00	29.53 2.51 5.35	38.23 2.82 4.21	41.14 2.76 0.00	33.09 2.24 0.00	25.15 1.71 0.00	24.48 1.66 0.00	23.80 1.62 0.00	21.17 1.42 -0.36

KENSICO____ 23655	15.14 0.87 0.00	16.70 0.87 0.00	14.21 0.67 0.00	18.55 0.85 0.00	18.63 0.77 0.00	22.33 0.98 0.00	24.10 1.05 0.00	30.23 1.50 0.00	24.80 1.32 0.00	24.14 1.34 -0.70	25.97 1.70 0.00	25.49 1.73 0.00	23.55 1.61 0.00	24.32 1.68 0.00	23.71 1.76 0.00	27.12 1.91 0.00	34.79 2.42 0.00	42.37 2.75 0.00	41.01 2.63 0.00	32.98 2.13 0.00	25.01 1.57 0.00	24.32 1.51 0.00	23.65 1.47 0.00	21.04 1.30 -0.36
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	15.16 0.90 0.01	16.75 0.92 0.00	14.25 0.72 0.00	18.61 0.91 0.00	18.70 0.84 0.00	22.41 1.06 0.00	24.23 1.18 0.00	30.44 1.70 0.00	24.95 1.47 0.00	22.49 1.39 1.01	25.91 1.64 0.00	25.40 1.64 0.00	23.45 1.50 0.00	24.20 1.56 0.00	23.61 1.67 0.00	27.14 1.93 0.00	34.87 2.51 0.00	42.61 2.99 0.00	41.28 2.90 0.00	33.16 2.31 0.00	25.12 1.68 0.00	24.42 1.60 0.00	23.65 1.47 0.00	20.14 1.27 0.52
KIAC_JFK_GT1 23816	15.16 0.88 0.00	16.73 0.90 0.00	14.21 0.68 0.00	18.57 0.88 0.00	18.64 0.79 0.00	22.36 1.01 0.00	24.08 1.03 0.00	30.25 1.51 0.00	24.83 1.35 0.00	24.18 1.38 -0.70	26.04 1.78 0.00	25.61 1.86 0.00	23.68 1.73 0.00	24.43 1.80 0.00	23.83 1.88 0.00	27.23 2.01 0.00	34.90 2.53 0.00	42.38 2.77 0.00	41.05 2.67 0.00	33.09 2.24 0.00	25.08 1.64 0.00	24.36 1.55 0.00	23.70 1.51 0.00	21.10 1.36 -0.36
KIAC_JFK_GT2 23817	15.16 0.88 0.00	16.73 0.90 0.00	14.21 0.68 0.00	18.57 0.88 0.00	18.64 0.79 0.00	22.36 1.01 0.00	24.08 1.03 0.00	30.25 1.51 0.00	24.83 1.35 0.00	24.18 1.38 -0.70	26.04 1.78 0.00	25.61 1.86 0.00	23.68 1.73 0.00	24.43 1.80 0.00	23.83 1.88 0.00	27.23 2.01 0.00	34.90 2.53 0.00	42.38 2.77 0.00	41.05 2.67 0.00	33.09 2.24 0.00	25.08 1.64 0.00	24.36 1.55 0.00	23.70 1.51 0.00	21.10 1.36 -0.36
KIAC_JFK____ 323774	15.16 0.88 0.00	16.73 0.90 0.00	14.21 0.68 0.00	18.57 0.88 0.00	18.65 0.79 0.00	22.36 1.01 0.00	24.08 1.03 0.00	30.25 1.51 0.00	24.83 1.35 0.00	24.18 1.37 -0.70	26.03 1.77 0.00	25.60 1.85 0.00	23.68 1.73 0.00	24.43 1.79 0.00	23.83 1.88 0.00	27.23 2.01 0.00	34.90 2.54 0.00	42.38 2.76 0.00	41.05 2.67 0.00	33.09 2.24 0.00	25.08 1.64 0.00	24.36 1.55 0.00	23.70 1.52 0.00	21.10 1.36 -0.36
KINTIGH____ 23543	13.33 -0.90 0.04	14.89 -0.94 0.00	12.60 -0.94 0.00	16.43 -1.27 0.00	16.72 -1.13 0.00	19.95 -1.40 0.00	21.66 -1.40 0.00	26.87 -1.87 0.00	21.88 -1.59 0.00	19.16 -1.48 1.47	18.21 -1.55 4.51	19.63 -1.63 2.49	20.40 -1.53 0.03	17.73 -1.51 3.40	16.32 -1.52 4.10	19.66 -1.71 3.84	24.25 -2.38 5.74	29.98 -2.93 6.71	28.83 -2.78 6.76	22.48 -2.10 6.28	16.15 -1.68 5.61	17.65 -1.58 3.58	20.85 -1.33 0.00	18.00 -1.39 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-21.30 -0.36 35.21	-20.60 -0.45 35.98	-20.63 -0.30 33.86	-21.41 -0.41 38.69	-21.60 -0.37 39.08	-0.33 -0.23 21.45	12.13 -0.18 10.75	28.63 -0.11 0.00	23.37 -0.10 0.00	21.50 -0.19 0.42	24.00 -0.26 0.00	23.67 -0.08 0.00	21.55 -0.40 0.00	15.35 -0.61 6.67	2.02 -0.77 19.15	-13.26 -0.74 37.73	-20.32 -0.87 51.82	-21.75 -0.75 60.62	16.92 -0.48 20.97	-12.45 -0.50 42.80	0.52 -0.38 22.54	-21.62 -0.39 44.04	-21.64 -0.40 43.43	-21.63 -0.39 40.63
LACHUTE__HYDRO 323717	15.67 1.35 -0.05	17.23 1.40 0.00	14.84 1.31 0.00	19.37 1.68 0.00	19.57 1.71 0.00	23.59 2.22 -0.02	25.49 2.44 0.00	31.80 3.06 0.00	26.10 2.63 0.00	31.20 2.24 -6.85	26.15 1.88 0.00	25.51 1.76 0.00	23.20 1.25 0.00	23.95 1.31 0.00	23.53 1.58 0.00	27.57 2.35 0.00	35.16 2.79 0.00	43.43 3.81 0.00	42.18 3.80 0.00	33.64 2.79 0.00	25.68 2.25 0.00	25.03 2.22 0.00	24.43 2.25 0.00	24.61 2.01 -3.21
LAWRNCAY_115KV_TB1 80681	0.63 0.15 13.80	1.34 0.07 14.56	2.73 0.10 10.91	36.54 0.15 -18.70	43.86 0.26 -25.74	36.01 0.53 -14.13	31.04 0.91 -7.08	30.22 1.48 0.00	24.45 0.97 0.00	22.21 0.29 0.18	24.31 0.04 0.00	23.83 0.07 0.00	21.79 -0.16 0.00	19.26 -0.46 2.93	13.69 -0.49 7.76	43.91 -0.11 -18.81	21.54 -0.13 10.69	79.64 1.59 -38.43	54.12 1.92 -13.82	60.42 1.36 -28.20	39.13 0.84 -14.85	52.51 0.68 -29.02	51.32 0.52 -28.61	46.55 0.39 -26.77
LEDERLE____ 23769	15.16 0.88 0.00	16.73 0.90 0.00	14.23 0.70 0.00	18.58 0.89 0.00	18.66 0.80 0.00	22.39 1.03 0.00	24.15 1.10 0.00	30.32 1.58 0.00	24.84 1.37 0.00	24.12 1.38 -0.64	26.01 1.75 0.00	25.53 1.78 0.00	23.60 1.64 0.00	24.37 1.73 0.00	23.76 1.81 0.00	27.18 1.97 0.00	34.92 2.56 0.00	42.58 2.96 0.00	41.22 2.84 0.00	33.10 2.25 0.00	25.06 1.62 0.00	24.38 1.57 0.00	23.71 1.53 0.00	21.07 1.34 -0.33
LIGHTRSE_115KV_TB6 355974	12.91 -0.32 1.04	14.33 -0.39 1.10	12.38 -0.37 0.77	19.29 -0.48 -2.07	20.15 -0.45 -2.75	22.33 -0.53 -1.51	23.28 -0.52 -0.75	28.11 -0.63 0.00	22.94 -0.53 0.00	21.50 -0.59 0.01	23.58 -0.68 0.00	23.03 -0.72 0.00	21.27 -0.68 0.00	21.62 -0.79 0.23	20.66 -0.70 0.59	26.62 -0.67 -2.08	30.95 -0.80 0.62	43.11 -0.62 -4.12	39.28 -0.57 -1.47	33.33 -0.53 -3.01	24.53 -0.49 -1.58	25.43 -0.48 -3.09	24.76 -0.47 -3.05	21.81 -0.43 -2.86
LINDEN COGEN____ 23786	15.18 0.90 0.00	16.74 0.92 0.00	14.24 0.71 0.00	18.59 0.90 0.00	18.66 0.81 0.00	22.38 1.03 0.00	24.11 1.06 0.00	30.26 1.52 0.00	24.83 1.35 0.00	24.18 1.38 -0.70	26.03 1.77 0.00	25.56 1.81 0.00	23.66 1.71 0.00	24.42 1.78 0.00	23.81 1.87 0.00	27.21 2.00 0.00	34.88 2.51 0.00	42.37 2.75 0.00	41.01 2.63 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.37 1.56 0.00	23.70 1.52 0.00	21.11 1.37 -0.36
LINDHRST_69_KV_BK1 356055	15.40 1.13 0.00	16.92 1.10 0.00	14.35 0.82 0.00	18.77 1.07 0.00	18.78 0.92 0.00	22.49 1.14 0.00	24.30 1.25 0.00	30.47 1.74 0.00	25.04 1.57 0.00	24.36 1.55 -0.70	26.48 2.21 0.00	25.93 2.18 0.00	23.81 1.86 0.00	24.53 1.89 0.00	23.86 1.91 0.00	27.19 1.97 0.00	21.28 2.46 13.54	31.25 2.72 11.09	41.16 2.78 0.00	33.16 2.31 0.00	25.27 1.83 0.00	24.67 1.86 0.00	24.02 1.83 0.00	21.33 1.58 -0.36
LIPA_MISC_IPP 23656	15.32 1.04 0.00	16.83 1.01 0.00	14.27 0.73 0.00	18.68 0.99 0.00	18.67 0.81 0.00	22.35 1.00 0.00	24.16 1.11 0.00	30.26 1.53 0.00	24.89 1.41 0.00	24.21 1.41 -0.70	26.29 2.03 0.00	25.80 2.04 0.00	23.67 1.72 0.00	24.33 1.69 0.00	23.68 1.74 0.00	26.87 1.66 0.00	19.05 1.82 15.15	28.88 2.02 12.76	40.49 2.11 0.00	32.75 1.89 0.00	25.07 1.63 0.00	24.51 1.69 0.00	23.90 1.72 0.00	21.24 1.50 -0.36
LISF__SOLAR 323691	15.35 1.08 0.00	16.86 1.04 0.00	14.29 0.76 0.00	18.72 1.02 0.00	18.70 0.85 0.00	22.40 1.05 0.00	24.22 1.17 0.00	30.34 1.61 0.00	24.95 1.48 0.00	24.26 1.45 -0.70	26.32 2.06 0.00	25.82 2.07 0.00	23.69 1.74 0.00	24.36 1.71 0.00	23.71 1.76 0.00	26.91 1.69 0.00	19.12 1.87 15.12	28.98 2.10 12.74	40.54 2.17 0.00	32.80 1.95 0.00	25.11 1.67 0.00	24.55 1.74 0.00	23.94 1.76 0.00	21.28 1.53 -0.36

LITTLE FALLS___HYD 24013	16.53 0.23 -2.03	18.19 0.26 -2.10	15.53 0.18 -1.82	18.26 0.19 -0.37	17.99 0.13 0.00	21.53 0.18 0.00	23.26 0.21 0.00	29.15 0.42 0.00	23.73 0.25 0.00	22.23 0.10 -0.03	24.20 -0.06 0.00	23.55 -0.20 0.00	21.76 -0.19 0.00	22.82 -0.22 -0.40	22.96 -0.11 -1.12	25.53 -0.01 -0.33	35.07 0.25 -2.46	40.48 0.78 -0.08	39.03 0.65 0.00	31.33 0.48 0.00	23.98 0.54 0.00	23.29 0.48 0.00	22.52 0.33 0.00	19.64 0.26 0.00
LITTLRIV_115KV_TB1 356100	0.90 0.43 13.80	1.64 0.37 14.56	2.99 0.37 10.91	36.88 0.49 -18.70	44.22 0.62 -25.74	36.47 0.99 -14.13	31.62 1.49 -7.08	31.00 2.26 0.00	25.02 1.54 0.00	22.56 0.64 0.18	24.58 0.32 0.00	24.09 0.34 0.00	22.01 0.06 0.00	19.47 -0.25 2.93	13.89 -0.30 7.76	44.22 0.20 -18.81	21.90 0.23 10.69	80.51 2.46 -38.43	55.08 2.89 -13.82	61.20 2.14 -28.20	39.71 1.42 -14.85	53.06 1.23 -29.02	51.82 1.03 -28.61	46.96 0.80 -26.77
LI_NEWBRDGE___DRP 323616	15.14 0.86 0.00	16.65 0.83 0.00	14.13 0.60 0.00	18.49 0.79 0.00	18.51 0.65 0.00	22.17 0.82 0.00	23.91 0.86 0.00	29.98 1.24 0.00	24.62 1.14 0.00	24.00 1.19 -0.70	26.04 1.77 0.00	25.52 1.77 0.00	23.47 1.51 0.00	24.19 1.55 0.00	23.54 1.59 0.00	26.85 1.64 0.00	17.92 2.03 16.48	27.87 2.23 13.98	40.62 2.25 0.00	32.68 1.83 0.00	24.88 1.44 0.00	24.25 1.43 0.00	23.60 1.42 0.00	21.00 1.26 -0.36
LOCKPORT_115KV_TB60_63_64 80432	13.23 -0.99 0.05	14.80 -1.03 0.00	12.49 -1.04 0.00	16.28 -1.42 0.00	16.62 -1.23 0.00	19.82 -1.53 0.00	21.55 -1.50 0.00	26.73 -2.01 0.00	21.74 -1.73 0.00	18.38 -1.56 2.16	16.09 -1.54 6.63	18.40 -1.68 3.67	20.19 -1.72 0.04	16.12 -1.53 4.99	14.39 -1.53 6.02	17.87 -1.70 5.64	21.57 -2.41 8.39	26.83 -2.95 9.83	25.64 -2.80 9.93	19.57 -2.04 9.24	13.59 -1.64 8.20	15.95 -1.58 5.28	20.77 -1.41 0.00	17.88 -1.51 0.00
LOCKPORT___CC1 323769	13.23 -0.99 0.05	14.79 -1.03 0.00	12.49 -1.05 0.00	16.27 -1.42 0.00	16.61 -1.25 0.00	19.81 -1.54 0.00	21.53 -1.53 0.00	26.71 -2.03 0.00	21.72 -1.75 0.00	18.20 -1.58 2.32	15.61 -1.51 7.14	18.15 -1.65 3.95	20.15 -1.76 0.04	15.70 -1.57 5.38	13.89 -1.57 6.49	17.40 -1.74 6.08	20.88 -2.45 9.04	26.07 -2.95 10.60	24.84 -2.83 10.71	18.81 -2.08 9.96	12.93 -1.66 8.86	15.51 -1.61 5.69	20.73 -1.45 0.00	17.86 -1.53 0.00
LOCKPORT___CC2 323770	13.23 -0.99 0.05	14.79 -1.03 0.00	12.49 -1.05 0.00	16.27 -1.42 0.00	16.61 -1.25 0.00	19.81 -1.54 0.00	21.53 -1.53 0.00	26.71 -2.03 0.00	21.72 -1.75 0.00	18.20 -1.58 2.32	15.61 -1.51 7.14	18.15 -1.65 3.95	20.15 -1.76 0.04	15.70 -1.57 5.38	13.89 -1.57 6.49	17.40 -1.74 6.08	20.88 -2.45 9.04	26.07 -2.95 10.60	24.84 -2.83 10.71	18.81 -2.08 9.96	12.93 -1.66 8.86	15.51 -1.61 5.69	20.73 -1.45 0.00	17.86 -1.53 0.00
LOCKPORT___CC3 323771	13.23 -0.99 0.05	14.79 -1.03 0.00	12.49 -1.05 0.00	16.27 -1.42 0.00	16.61 -1.25 0.00	19.81 -1.54 0.00	21.53 -1.53 0.00	26.71 -2.03 0.00	21.72 -1.75 0.00	18.20 -1.58 2.32	15.61 -1.51 7.14	18.15 -1.65 3.95	20.15 -1.76 0.04	15.70 -1.57 5.38	13.89 -1.57 6.49	17.40 -1.74 6.08	20.88 -2.45 9.04	26.07 -2.95 10.60	24.84 -2.83 10.71	18.81 -2.08 9.96	12.93 -1.66 8.86	15.51 -1.61 5.69	20.73 -1.45 0.00	17.86 -1.53 0.00
LONG_LAKE_PHOENIX 24014	13.99 -0.29 0.00	15.50 -0.32 0.00	13.22 -0.31 0.00	17.28 -0.42 0.00	17.46 -0.40 0.00	20.86 -0.48 0.00	22.54 -0.52 0.00	28.02 -0.72 0.00	22.90 -0.57 0.00	21.57 -0.54 0.00	23.62 -0.64 0.00	23.11 -0.64 0.00	21.41 -0.55 0.00	22.07 -0.57 0.00	21.43 -0.51 0.00	24.64 -0.57 0.00	31.64 -0.73 0.00	38.77 -0.85 0.00	37.55 -0.83 0.00	30.18 -0.67 0.00	22.93 -0.52 0.00	22.31 -0.50 0.00	21.70 -0.48 0.00	18.94 -0.45 0.00
LOVETT___3 23632	15.09 0.81 0.00	16.65 0.82 0.00	14.16 0.63 0.00	18.49 0.80 0.00	18.57 0.72 0.00	22.27 0.92 0.00	24.02 0.96 0.00	30.13 1.39 0.00	24.70 1.23 0.00	24.00 1.24 -0.65	25.86 1.60 0.00	25.38 1.63 0.00	23.46 1.51 0.00	24.22 1.58 0.00	23.60 1.66 0.00	27.00 1.79 0.00	34.66 2.29 0.00	42.25 2.63 0.00	40.90 2.52 0.00	32.87 2.02 0.00	24.90 1.47 0.00	24.22 1.41 0.00	23.56 1.38 0.00	20.95 1.22 -0.34
LOVETT___4 23642	15.09 0.81 0.00	16.65 0.82 0.00	14.16 0.63 0.00	18.49 0.80 0.00	18.57 0.72 0.00	22.27 0.92 0.00	24.02 0.96 0.00	30.13 1.39 0.00	24.70 1.23 0.00	24.00 1.24 -0.65	25.86 1.60 0.00	25.38 1.63 0.00	23.46 1.51 0.00	24.22 1.58 0.00	23.60 1.66 0.00	27.00 1.79 0.00	34.66 2.29 0.00	42.25 2.63 0.00	40.90 2.52 0.00	32.87 2.02 0.00	24.90 1.47 0.00	24.22 1.41 0.00	23.56 1.38 0.00	20.95 1.22 -0.34
LOVETT___5 23593	15.09 0.81 0.00	16.65 0.82 0.00	14.16 0.63 0.00	18.49 0.80 0.00	18.57 0.72 0.00	22.27 0.92 0.00	24.02 0.96 0.00	30.13 1.39 0.00	24.70 1.23 0.00	24.00 1.24 -0.65	25.86 1.60 0.00	25.38 1.63 0.00	23.46 1.51 0.00	24.22 1.58 0.00	23.60 1.66 0.00	27.00 1.79 0.00	34.66 2.29 0.00	42.25 2.63 0.00	40.90 2.52 0.00	32.87 2.02 0.00	24.90 1.47 0.00	24.22 1.41 0.00	23.56 1.38 0.00	20.95 1.22 -0.34
LOWER RAQUET___HYD 24057	0.63 0.15 13.80	1.34 0.07 14.56	2.73 0.11 10.91	36.54 0.15 -18.70	43.86 0.26 -25.74	36.01 0.53 -14.13	31.04 0.91 -7.08	30.22 1.48 0.00	24.45 0.97 0.00	22.21 0.29 0.18	24.31 0.04 0.00	23.83 0.07 0.00	21.78 -0.16 0.00	19.26 -0.46 2.93	13.69 -0.49 7.76	43.91 -0.11 -18.81	21.54 -0.13 10.69	79.64 1.59 -38.43	54.11 1.92 -13.82	60.42 1.36 -28.20	39.13 0.84 -14.85	52.52 0.68 -29.02	51.32 0.52 -28.61	46.55 0.39 -26.77
LOWER___HUDSON 24059	15.00 0.64 -0.09	16.48 0.65 0.00	14.04 0.51 0.00	18.35 0.65 0.00	18.48 0.62 0.00	22.19 0.81 -0.03	23.94 0.89 0.00	29.98 1.24 0.00	24.50 1.03 0.00	34.95 0.93 -11.92	25.20 0.94 0.00	24.64 0.88 0.00	22.71 0.76 0.00	23.46 0.82 0.00	22.88 0.93 0.00	26.34 1.12 0.00	33.74 1.37 0.00	41.40 1.78 0.00	40.09 1.72 0.00	32.21 1.36 0.00	24.53 1.09 0.00	23.87 1.05 0.00	23.19 1.01 0.00	25.59 0.91 -5.29
LOWVILLE_115KV_TB2 356335	11.21 -0.26 2.81	12.45 -0.38 2.99	11.08 -0.35 2.10	22.80 -0.44 -5.54	24.82 -0.37 -7.34	25.06 -0.32 -4.03	24.92 -0.15 -2.02	28.77 0.03 0.00	23.41 -0.06 0.00	21.71 -0.36 0.04	23.87 -0.39 0.00	23.36 -0.40 0.00	21.39 -0.56 0.00	21.23 -0.79 0.61	19.67 -0.68 1.60	30.33 -0.43 -5.55	30.10 -0.58 1.69	51.26 0.64 -11.01	42.90 0.59 -3.94	39.12 0.22 -8.04	27.56 -0.11 -4.24	30.86 -0.23 -8.27	30.03 -0.32 -8.16	26.78 -0.24 -7.63
LUTHERFT_115KV_GLOB_FND_222 355753	15.10 0.77 -0.05	16.62 0.80 0.00	14.18 0.65 0.00	18.52 0.83 0.00	18.68 0.82 0.00	22.40 1.03 -0.02	24.23 1.18 0.00	30.31 1.57 0.00	24.75 1.28 0.00	30.48 1.12 -7.25	25.37 1.10 0.00	24.77 1.02 0.00	22.81 0.86 0.00	23.57 0.92 0.00	22.97 1.02 0.00	26.53 1.32 0.00	34.08 1.71 0.00	41.87 2.25 0.00	40.55 2.18 0.00	32.55 1.70 0.00	24.76 1.32 0.00	24.09 1.28 0.00	23.42 1.23 0.00	23.84 1.08 -3.38

LUTHERNY_35_KV_BK2 355980	15.11 0.78 -0.05	16.63 0.81 0.00	14.19 0.66 0.00	18.53 0.84 0.00	18.68 0.82 0.00	22.42 1.05 -0.02	24.24 1.19 0.00	30.33 1.59 0.00	24.76 1.29 0.00	30.49 1.13 -7.25	25.37 1.11 0.00	24.78 1.03 0.00	22.83 0.87 0.00	23.57 0.93 0.00	22.98 1.03 0.00	26.55 1.33 0.00	34.11 1.74 0.00	41.90 2.28 0.00	40.59 2.21 0.00	32.58 1.72 0.00	24.78 1.34 0.00	24.11 1.30 0.00	23.43 1.25 0.00	23.86 1.09 -3.38
LWR___OSWEGATCHIE_HYD 23850	5.29 -0.04 8.94	6.25 -0.15 9.43	6.39 -0.12 7.02	30.33 -0.13 -12.76	35.28 -0.05 -17.47	31.06 0.12 -9.59	28.27 0.41 -4.80	29.53 0.79 0.00	23.94 0.47 0.00	21.93 -0.06 0.12	24.04 -0.22 0.00	23.53 -0.22 0.00	21.55 -0.40 0.00	20.07 -0.67 1.90	16.29 -0.62 5.03	37.76 -0.29 -12.83	25.28 -0.35 6.74	66.83 1.11 -26.10	49.03 1.28 -9.38	50.80 0.81 -19.14	33.90 0.38 -10.08	42.75 0.25 -19.69	41.72 0.12 -19.42	37.64 0.08 -18.16
LYONS_FALL_HYD 23570	13.04 -0.05 1.18	14.43 -0.12 1.28	12.63 -0.13 0.78	21.34 -0.15 -3.79	22.61 -0.11 -4.86	23.98 -0.03 -2.67	24.50 0.11 -1.34	29.03 0.29 0.00	23.64 0.17 0.00	22.05 -0.04 0.02	24.19 -0.08 0.00	23.66 -0.10 0.00	21.74 -0.22 0.00	22.01 -0.36 0.27	21.00 -0.26 0.68	28.91 -0.08 -3.79	32.01 -0.06 0.29	47.73 0.79 -7.32	41.73 0.74 -2.61	36.60 0.42 -5.33	26.39 0.14 -2.81	28.35 0.06 -5.48	27.57 -0.02 -5.40	24.43 -0.01 -5.06
MADISON___COUNTY_LFGE 323628	14.55 0.22 -0.06	16.09 0.22 -0.04	13.83 0.16 -0.13	19.14 0.23 -1.22	19.59 0.26 -1.47	22.52 0.37 -0.80	23.96 0.51 -0.40	29.41 0.67 0.00	23.99 0.52 0.00	22.50 0.39 0.00	24.56 0.30 0.00	23.99 0.24 0.00	22.15 0.20 0.00	22.82 0.18 0.00	22.20 0.23 -0.02	26.76 0.33 -1.21	33.37 0.59 -0.41	42.91 1.07 -2.22	40.18 1.02 -0.79	33.19 0.73 -1.61	24.80 0.51 -0.85	24.93 0.46 -1.65	24.22 0.41 -1.63	21.23 0.32 -1.53
MALONE___115KV_TB1 356076	-12.11 -0.25 26.13	-12.04 -0.33 27.54	-7.43 -0.20 20.77	51.16 -0.26 -33.72	64.37 -0.20 -46.71	46.93 -0.05 -25.63	35.98 0.08 -12.84	29.03 0.29 0.00	23.62 0.15 0.00	21.67 -0.09 0.34	24.03 -0.23 0.00	23.59 -0.16 0.00	21.59 -0.35 0.00	16.53 -0.59 5.52	6.53 -0.73 14.69	58.55 -0.61 -33.95	10.95 -0.70 20.72	109.14 -0.17 -69.70	63.58 0.13 -25.07	82.02 -0.01 -51.17	50.31 -0.08 -26.95	75.32 -0.15 -52.66	73.90 -0.20 -51.92	67.76 -0.21 -48.58
MAPLEWOD_115KV_TB3 80458	14.93 0.56 -0.09	16.41 0.58 0.00	13.98 0.45 0.00	18.26 0.56 0.00	18.39 0.53 0.00	22.06 0.67 -0.04	23.81 0.75 0.00	29.78 1.04 0.00	24.33 0.86 0.00	34.26 0.79 -11.36	25.11 0.85 0.00	24.57 0.81 0.00	22.67 0.72 0.00	23.42 0.79 0.00	22.81 0.86 0.00	26.23 1.02 0.00	33.65 1.28 0.00	41.26 1.64 0.00	39.96 1.58 0.00	32.10 1.25 0.00	24.43 0.99 0.00	23.75 0.94 0.00	23.06 0.87 0.00	25.92 0.79 -5.74
MAPLE_RIDGE_WT_1 323574	-39.49 -0.42 53.35	-39.70 -0.37 55.15	-34.82 -0.38 47.97	6.17 -0.59 10.94	15.89 -0.57 1.40	19.92 -0.67 0.77	21.98 -0.69 0.38	27.95 -0.79 0.00	22.79 -0.68 0.00	20.91 -0.54 0.66	23.77 -0.49 0.00	23.29 -0.47 0.00	21.45 -0.50 0.00	11.55 -0.55 10.54	-8.02 -0.59 29.38	14.63 -0.72 9.87	-33.63 -1.03 64.96	34.45 -0.88 4.29	36.71 -0.91 0.75	28.39 -0.94 1.53	21.78 -0.85 0.81	20.37 -0.87 1.57	9.97 -0.89 11.32	17.26 -0.68 1.45
MAPLE_RIDGE_WT_2 323611	-39.49 -0.42 53.35	-39.70 -0.37 55.15	-34.82 -0.38 47.97	6.17 -0.59 10.94	15.89 -0.57 1.40	19.92 -0.67 0.77	21.98 -0.69 0.38	27.95 -0.79 0.00	22.79 -0.68 0.00	20.91 -0.54 0.66	23.77 -0.49 0.00	23.29 -0.47 0.00	21.45 -0.50 0.00	11.55 -0.55 10.54	-8.02 -0.59 29.38	14.63 -0.72 9.87	-33.63 -1.03 64.96	34.45 -0.88 4.29	36.71 -0.91 0.75	28.39 -0.94 1.53	21.78 -0.85 0.81	20.37 -0.87 1.57	9.97 -0.89 11.32	17.26 -0.68 1.45
MARBLE_RIVER_WT_PWR 323696	-21.88 -0.49 35.67	-21.22 -0.59 36.46	-21.10 -0.41 34.22	-21.00 -0.56 38.14	-21.00 -0.55 38.31	-0.17 -0.50 21.02	11.99 -0.53 10.53	28.16 -0.58 0.00	23.01 -0.46 0.00	21.20 -0.49 0.42	23.73 -0.53 0.00	23.36 -0.40 0.00	21.32 -0.63 0.00	15.05 -0.83 6.77	1.55 -0.99 19.41	-12.94 -0.99 37.17	-21.00 -1.18 52.19	-21.00 -1.16 59.46	16.86 -0.97 20.55	-11.96 -0.86 41.95	0.65 -0.70 22.09	-21.00 -0.65 43.17	-21.00 -0.62 42.56	-21.00 -0.56 39.82
MARSHVLE_115KV_TB1 80742	14.93 0.62 -0.03	16.51 0.69 0.00	14.12 0.59 0.00	18.48 0.78 0.00	18.66 0.80 0.00	22.36 1.00 -0.01	24.17 1.12 0.00	30.20 1.47 0.00	24.59 1.11 0.00	26.27 0.79 -3.37	25.05 0.79 0.00	24.42 0.67 0.00	22.64 0.69 0.00	23.23 0.59 0.00	22.49 0.54 0.00	25.87 0.65 0.00	33.53 1.16 0.00	41.63 2.01 0.00	40.35 1.97 0.00	32.43 1.58 0.00	24.65 1.21 0.00	23.94 1.13 0.00	23.21 1.03 0.00	21.96 0.84 -1.73
MARSH_HILL_WT_PWR 323713	12.94 -1.20 0.13	14.54 -1.29 0.00	12.37 -1.16 0.00	16.28 -1.41 0.00	16.48 -1.38 0.00	19.62 -1.73 0.00	21.33 -1.72 0.00	26.74 -2.00 0.00	21.78 -1.70 0.00	29.94 -1.76 -9.59	51.81 -1.89 -29.44	37.96 -2.10 -16.31	20.15 -1.98 -0.18	43.10 -2.06 -22.52	47.14 -1.99 -27.17	48.52 -2.16 -25.46	67.68 -2.64 -37.96	81.76 -2.69 -44.83	81.11 -2.69 -45.42	70.77 -2.25 -42.17	59.25 -1.85 -37.66	45.00 -1.90 -24.09	20.23 -1.95 0.00	17.63 -1.76 0.00
MCINTYRE_115KV_TB2 80467	1.12 0.65 13.80	1.88 0.61 14.56	3.19 0.57 10.91	37.16 0.77 -18.70	44.51 0.91 -25.74	36.84 1.36 -14.13	32.08 1.95 -7.08	31.62 2.88 0.00	25.47 1.99 0.00	22.80 0.87 0.18	24.73 0.46 0.00	24.25 0.49 0.00	22.13 0.18 0.00	19.58 -0.14 2.93	13.99 -0.20 7.76	44.42 0.40 -18.81	22.11 0.43 10.69	81.17 3.12 -38.43	55.85 3.66 -13.82	61.82 2.76 -28.20	40.17 1.88 -14.85	53.50 1.66 -29.02	52.22 1.43 -28.61	47.28 1.13 -26.77
MECO____69_KV_BK1 80468	15.16 0.85 -0.03	16.75 0.93 0.00	14.31 0.77 0.00	18.70 1.00 0.00	18.88 1.02 0.00	22.65 1.28 -0.01	24.54 1.49 0.00	30.71 1.97 0.00	24.96 1.49 0.00	26.72 0.98 -3.63	25.00 0.73 0.00	24.26 0.51 0.00	22.43 0.48 0.00	23.10 0.46 0.00	22.46 0.51 0.00	25.90 0.69 0.00	33.77 1.40 0.00	42.25 2.64 0.00	41.06 2.69 0.00	33.00 2.15 0.00	25.05 1.61 0.00	24.34 1.53 0.00	23.59 1.41 0.00	22.41 1.16 -1.87
MENANDS___115KV_TB5 355628	14.85 0.49 -0.08	16.34 0.51 0.00	13.92 0.39 0.00	18.19 0.49 0.00	18.31 0.45 0.00	21.96 0.58 -0.03	23.68 0.63 0.00	29.58 0.85 0.00	24.17 0.69 0.00	31.47 0.67 -8.70	25.00 0.74 0.00	24.48 0.73 0.00	22.61 0.66 0.00	23.36 0.72 0.00	22.74 0.80 0.00	26.12 0.91 0.00	33.49 1.12 0.00	41.03 1.41 0.00	39.72 1.35 0.00	31.91 1.06 0.00	24.28 0.84 0.00	23.62 0.81 0.00	22.93 0.74 0.00	25.11 0.69 -5.03
MG INDUSTRY___DRP 24185	14.68 0.49 0.08	16.35 0.52 0.00	13.94 0.41 0.00	18.22 0.52 0.00	18.34 0.48 0.00	21.92 0.60 0.03	23.71 0.65 0.00	29.56 0.82 0.00	24.07 0.60 0.00	11.99 0.52 10.63	24.80 0.54 0.00	24.31 0.56 0.00	22.46 0.51 0.00	23.21 0.57 0.00	22.54 0.59 0.00	25.90 0.69 0.00	33.33 0.96 0.00	40.91 1.29 0.00	39.64 1.26 0.00	31.85 1.00 0.00	24.23 0.79 0.00	23.57 0.75 0.00	22.88 0.70 0.00	14.94 0.65 5.09

MID___OSWEGATCHIE_HYD 23849	5.29 -0.04 8.94	6.25 -0.15 9.43	6.39 -0.12 7.02	30.33 -0.13 -12.76	35.28 -0.05 -17.47	31.06 0.12 -9.59	28.27 0.41 -4.80	29.53 0.79 0.00	23.94 0.47 0.00	21.93 -0.06 0.12	24.04 -0.22 0.00	23.53 -0.22 0.00	21.55 -0.40 0.00	20.07 -0.67 1.90	16.29 -0.62 5.03	37.76 -0.29 -12.83	25.28 -0.35 6.74	66.83 1.11 -26.10	49.03 1.28 -9.38	50.80 0.81 -19.14	33.90 0.38 -10.08	42.75 0.25 -19.69	41.72 0.12 -19.42	37.64 0.08 -18.16
MID___RAQUETTE_HYD 23851	0.63 0.15 13.80	1.34 0.07 14.56	2.73 0.10 10.91	36.54 0.15 -18.70	43.86 0.26 -25.74	36.01 0.53 -14.13	31.04 0.91 -7.08	30.22 1.48 0.00	24.45 0.97 0.00	22.21 0.29 0.18	24.31 0.04 0.00	23.83 0.07 0.00	21.79 -0.16 0.00	19.26 -0.46 2.93	13.69 -0.49 7.76	43.91 -0.11 -18.81	21.54 -0.13 10.69	79.64 1.59 -38.43	54.12 1.92 -13.82	60.42 1.36 -28.20	39.13 0.84 -14.85	52.51 0.68 -29.02	51.32 0.52 -28.61	46.55 0.39 -26.77
MILLIKEN___1 23584	14.61 0.08 -0.26	15.91 0.08 0.00	13.57 0.04 0.00	17.74 0.05 0.00	17.93 0.07 0.00	21.42 0.07 0.00	23.25 0.20 0.00	29.07 0.33 0.00	23.75 0.27 0.00	23.21 0.14 -0.97	27.34 0.10 -2.98	25.44 0.04 -1.65	21.98 0.02 -0.02	24.89 -0.01 -2.26	24.69 0.02 -2.73	27.92 0.14 -2.56	36.59 0.41 -3.81	44.77 0.70 -4.45	43.54 0.68 -4.49	35.51 0.50 -4.16	27.49 0.33 -3.72	25.48 0.29 -2.38	22.41 0.23 0.00	19.51 0.12 0.00
MILLIKEN___2 23585	14.61 0.08 -0.26	15.91 0.08 0.00	13.57 0.04 0.00	17.74 0.05 0.00	17.93 0.07 0.00	21.42 0.07 0.00	23.25 0.20 0.00	29.07 0.33 0.00	23.75 0.27 0.00	23.21 0.14 -0.97	27.34 0.10 -2.98	25.44 0.04 -1.65	21.98 0.02 -0.02	24.89 -0.01 -2.26	24.69 0.02 -2.73	27.92 0.14 -2.56	36.59 0.41 -3.81	44.77 0.70 -4.45	43.54 0.68 -4.49	35.51 0.50 -4.16	27.49 0.33 -3.72	25.48 0.29 -2.38	22.41 0.23 0.00	19.51 0.12 0.00
MILLIKEN___DIESEL 23629	14.61 0.08 -0.26	15.91 0.08 0.00	13.57 0.04 0.00	17.74 0.05 0.00	17.93 0.07 0.00	21.42 0.07 0.00	23.25 0.20 0.00	29.07 0.33 0.00	23.75 0.27 0.00	23.21 0.14 -0.97	27.34 0.10 -2.98	25.44 0.04 -1.65	21.98 0.02 -0.02	24.89 -0.01 -2.26	24.69 0.02 -2.73	27.92 0.14 -2.56	36.59 0.41 -3.81	44.77 0.70 -4.45	43.54 0.68 -4.49	35.51 0.50 -4.16	27.49 0.33 -3.72	25.48 0.29 -2.38	22.41 0.23 0.00	19.51 0.12 0.00
MILLSEAT___LFGE 323607	13.53 -0.70 0.05	15.10 -0.72 0.00	12.76 -0.77 0.00	16.63 -1.07 0.00	16.95 -0.90 0.00	20.26 -1.09 0.00	22.06 -1.00 0.00	27.44 -1.30 0.00	22.32 -1.16 0.00	19.21 -1.09 1.80	17.65 -1.08 5.53	19.46 -1.24 3.06	20.58 -1.34 0.03	17.43 -1.06 4.16	15.86 -1.06 5.02	19.39 -1.12 4.70	23.78 -1.60 6.99	29.58 -1.85 8.19	28.33 -1.78 8.27	21.88 -1.28 7.69	15.55 -1.06 6.83	17.38 -1.04 4.40	21.25 -0.93 0.00	18.30 -1.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	15.11 0.84 0.00	16.67 0.85 0.00	14.18 0.66 0.00	18.52 0.83 0.00	18.60 0.75 0.00	22.30 0.95 0.00	24.06 1.01 0.00	30.19 1.46 0.00	24.75 1.28 0.00	24.09 1.30 -0.69	25.90 1.64 0.00	25.43 1.67 0.00	23.50 1.55 0.00	24.27 1.63 0.00	23.65 1.70 0.00	27.06 1.85 0.00	34.72 2.35 0.00	42.31 2.69 0.00	40.95 2.57 0.00	32.93 2.08 0.00	24.96 1.52 0.00	24.27 1.46 0.00	23.61 1.42 0.00	21.00 1.26 -0.36
MILLWOOD_13_KV_LOAD 356217	15.13 0.86 0.00	16.70 0.87 0.00	14.20 0.67 0.00	18.55 0.85 0.00	18.62 0.77 0.00	22.32 0.98 0.00	24.09 1.04 0.00	30.23 1.50 0.00	24.79 1.32 0.00	24.13 1.33 -0.69	25.94 1.68 0.00	25.46 1.70 0.00	23.53 1.58 0.00	24.29 1.65 0.00	23.69 1.74 0.00	27.10 1.89 0.00	34.78 2.41 0.00	42.37 2.75 0.00	41.02 2.64 0.00	32.98 2.13 0.00	25.00 1.56 0.00	24.31 1.50 0.00	23.64 1.46 0.00	21.03 1.29 -0.36
MODEL_CITY_ENERGY 24167	13.09 -1.14 0.05	14.64 -1.19 0.00	12.36 -1.18 0.00	16.10 -1.59 0.00	16.45 -1.41 0.00	19.60 -1.75 0.00	21.29 -1.77 0.00	26.40 -2.34 0.00	21.46 -2.01 0.00	18.05 -1.78 2.28	15.58 -1.67 7.01	18.04 -1.83 3.88	19.91 -2.00 0.04	15.63 -1.73 5.28	13.85 -1.73 6.37	17.31 -1.93 5.97	20.81 -2.70 8.85	25.98 -3.26 10.38	24.77 -3.12 10.49	18.78 -2.31 9.76	12.97 -1.83 8.64	15.44 -1.79 5.59	20.52 -1.67 0.00	17.67 -1.72 0.00
MODERN_LFGE___ 323580	13.09 -1.14 0.05	14.64 -1.19 0.00	12.36 -1.18 0.00	16.10 -1.59 0.00	16.45 -1.41 0.00	19.60 -1.75 0.00	21.29 -1.77 0.00	26.40 -2.34 0.00	21.46 -2.01 0.00	18.05 -1.78 2.28	15.58 -1.67 7.01	18.04 -1.83 3.88	19.91 -2.00 0.04	15.63 -1.73 5.28	13.85 -1.73 6.37	17.31 -1.93 5.97	20.81 -2.70 8.85	25.98 -3.26 10.38	24.77 -3.12 10.49	18.78 -2.31 9.76	12.97 -1.83 8.64	15.44 -1.79 5.59	20.52 -1.67 0.00	17.67 -1.72 0.00
MOHAWK_PAPER___DRP 24187	14.93 0.56 -0.09	16.41 0.58 0.00	13.98 0.45 0.00	18.26 0.56 0.00	18.39 0.53 0.00	22.06 0.67 -0.04	23.81 0.75 0.00	29.78 1.04 0.00	24.33 0.86 0.00	34.26 0.79 -11.36	25.11 0.85 0.00	24.57 0.81 0.00	22.67 0.72 0.00	23.42 0.79 0.00	22.81 0.86 0.00	26.23 1.02 0.00	33.65 1.28 0.00	41.26 1.64 0.00	39.96 1.58 0.00	32.10 1.25 0.00	24.43 0.99 0.00	23.75 0.94 0.00	23.06 0.87 0.00	25.92 0.79 -5.74
MOHICAN___35_KV_115KV_LD 80490	15.15 0.82 -0.05	16.67 0.84 0.00	14.24 0.71 0.00	18.61 0.91 0.00	18.77 0.91 0.00	22.55 1.18 -0.02	24.40 1.35 0.00	30.54 1.81 0.00	24.96 1.48 0.00	30.40 1.28 -7.02	25.42 1.15 0.00	24.80 1.05 0.00	22.76 0.81 0.00	23.50 0.86 0.00	22.94 0.99 0.00	26.61 1.40 0.00	34.15 1.78 0.00	42.01 2.40 0.00	40.72 2.34 0.00	32.63 1.78 0.00	24.84 1.40 0.00	24.17 1.36 0.00	23.54 1.35 0.00	23.85 1.18 -3.28
MONGAUP___HYD 23641	15.37 1.09 0.00	16.95 1.13 0.00	14.41 0.88 0.00	18.82 1.13 0.00	18.92 1.06 0.00	22.70 1.35 0.00	24.58 1.53 0.00	30.87 2.13 0.00	25.26 1.79 0.00	24.24 1.54 -0.59	25.96 1.70 0.00	25.44 1.69 0.00	23.46 1.51 0.00	24.28 1.64 0.00	23.61 1.67 0.00	27.16 1.95 0.00	35.20 2.84 0.00	43.13 3.52 0.00	41.85 3.47 0.00	33.62 2.76 0.00	25.49 2.05 0.00	24.81 2.00 0.00	24.11 1.93 0.00	21.34 1.64 -0.31
MONTAUK___DIESEL 23721	14.91 0.64 0.00	16.38 0.55 0.00	13.92 0.39 0.00	18.34 0.64 0.00	18.27 0.41 0.00	21.83 0.48 0.00	23.65 0.59 0.00	29.59 0.85 0.00	24.32 0.85 0.00	23.74 0.93 -0.70	25.91 1.65 0.00	25.57 1.82 0.00	23.51 1.56 0.00	24.14 1.50 0.00	23.35 1.41 0.00	26.46 1.25 0.00	18.37 1.14 15.14	27.96 1.09 12.75	39.59 1.22 0.00	32.04 1.18 0.00	24.57 1.13 0.00	23.98 1.16 0.00	23.35 1.17 0.00	20.72 0.98 -0.36
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.21 -1.00 0.06	14.80 -1.03 0.00	12.52 -1.01 0.00	16.37 -1.33 0.00	16.67 -1.19 0.00	19.86 -1.49 0.00	21.62 -1.43 0.00	26.91 -1.83 0.00	22.00 -1.48 0.00	18.60 -1.38 2.13	16.36 -1.37 6.54	18.76 -1.37 3.62	20.47 -1.44 0.04	16.44 -1.37 4.83	14.74 -1.38 5.83	18.15 -1.60 5.47	21.98 -2.24 8.14	27.56 -2.55 9.51	26.07 -2.73 9.58	19.58 -2.37 8.90	13.63 -1.87 7.94	16.07 -1.66 5.09	20.67 -1.51 0.00	17.82 -1.57 0.00

MORRIS RIDGE___SOLAR 323848	13.19 -1.00 0.09	14.76 -1.06 0.00	12.55 -0.98 0.00	16.43 -1.27 0.00	16.66 -1.19 0.00	19.89 -1.46 0.00	21.62 -1.43 0.00	27.01 -1.73 0.00	21.97 -1.51 0.00	6.68 -1.54 13.89	-20.00 -1.61 42.66	-1.55 -1.68 23.63	20.07 -1.61 0.26	-11.45 -1.64 32.45	-18.77 -1.55 39.16	-13.22 -1.74 36.69	-24.49 -2.17 54.69	-27.34 -2.41 64.55	-29.38 -2.38 65.37	-31.76 -1.92 60.69	-32.32 -1.56 54.20	-13.43 -1.57 34.68	20.66 -1.52 0.00	17.95 -1.43 0.00
MORTIMER_115KV_TB3 55949	13.70 -0.54 0.03	15.26 -0.57 0.00	12.94 -0.59 0.00	16.88 -0.82 0.00	17.14 -0.71 0.00	20.48 -0.87 0.00	22.23 -0.82 0.00	27.64 -1.09 0.00	22.54 -0.93 0.00	21.20 -0.91 0.00	23.27 -1.00 0.00	22.72 -1.03 0.00	21.02 -0.93 0.00	21.74 -0.90 0.00	21.06 -0.88 0.00	24.24 -0.98 0.00	31.01 -1.36 0.00	37.99 -1.63 0.00	36.83 -1.55 0.00	29.69 -1.17 0.00	22.49 -0.95 0.00	21.90 -0.91 0.00	21.44 -0.75 0.00	18.55 -0.84 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	15.22 0.94 0.00	16.78 0.96 0.00	14.27 0.74 0.00	18.64 0.94 0.00	18.71 0.85 0.00	22.43 1.08 0.00	24.19 1.14 0.00	30.38 1.64 0.00	24.93 1.46 0.00	24.29 1.48 -0.70	26.14 1.87 0.00	25.66 1.91 0.00	23.74 1.79 0.00	24.51 1.87 0.00	23.89 1.94 0.00	27.31 2.10 0.00	35.00 2.63 0.00	42.57 2.95 0.00	41.19 2.82 0.00	33.18 2.33 0.00	25.16 1.72 0.00	24.45 1.64 0.00	23.78 1.60 0.00	21.15 1.41 -0.36
MUNSVILLE_WIND_PWR 323609	14.96 0.58 -0.10	16.44 0.61 0.00	14.03 0.50 0.00	18.37 0.67 0.00	18.59 0.73 0.00	22.25 0.90 0.00	24.25 1.20 0.00	30.38 1.64 0.00	24.75 1.27 0.00	23.57 0.93 -0.53	27.00 1.10 -1.64	25.62 0.95 -0.91	22.70 0.74 -0.01	24.51 0.63 -1.24	24.01 0.57 -1.49	27.64 1.03 -1.40	35.91 1.46 -2.08	44.46 2.42 -2.42	43.17 2.37 -2.43	34.87 1.76 -2.25	26.70 1.25 -2.01	25.24 1.14 -1.29	23.16 0.98 0.00	20.11 0.72 0.00
N SALMON___HYD 24042	-12.11 -0.25 26.13	-12.05 -0.33 27.54	-7.43 -0.19 20.77	51.16 -0.26 -33.72	64.37 -0.20 -46.71	46.93 -0.05 -25.63	35.98 0.08 -12.84	29.03 0.29 0.00	23.62 0.15 0.00	21.67 -0.09 0.34	24.03 -0.23 0.00	23.59 -0.16 0.00	21.60 -0.35 0.00	16.53 -0.59 5.52	6.53 -0.73 14.69	58.55 -0.62 -33.95	10.95 -0.70 20.72	109.14 -0.17 -69.70	63.57 0.13 -25.07	82.01 -0.01 -51.17	50.31 -0.08 -26.95	75.32 -0.15 -52.66	73.90 -0.20 -51.92	67.75 -0.21 -48.58
N.AKRON__115KV_KNAPP 355671	13.45 -0.78 0.05	15.02 -0.80 0.00	12.69 -0.84 0.00	16.54 -1.16 0.00	16.88 -0.98 0.00	20.15 -1.20 0.00	21.94 -1.12 0.00	27.26 -1.48 0.00	22.18 -1.30 0.00	18.96 -1.21 1.94	17.07 -1.22 5.97	19.08 -1.37 3.31	20.52 -1.40 0.04	16.98 -1.18 4.49	15.35 -1.18 5.42	18.87 -1.27 5.07	23.00 -1.82 7.54	28.56 -2.21 8.84	27.36 -2.09 8.93	21.05 -1.50 8.30	14.83 -1.24 7.37	16.88 -1.19 4.75	21.14 -1.04 0.00	18.19 -1.20 0.00
N.BELMOR_69_KV_BK1 55787	15.26 0.98 0.00	16.78 0.95 0.00	14.24 0.71 0.00	18.61 0.92 0.00	18.65 0.79 0.00	22.35 1.00 0.00	24.12 1.06 0.00	30.24 1.50 0.00	24.82 1.34 0.00	24.17 1.36 -0.70	26.23 1.96 0.00	25.70 1.95 0.00	23.64 1.69 0.00	24.37 1.73 0.00	23.72 1.77 0.00	27.06 1.85 0.00	25.02 2.30 9.65	34.91 2.58 7.30	41.00 2.62 0.00	32.99 2.14 0.00	25.11 1.67 0.00	24.49 1.68 0.00	23.82 1.64 0.00	21.18 1.43 -0.36
N.E_GEN_SANDY PD 24062	16.07 0.73 -1.07	43.85 0.71 -27.31	26.07 0.55 -11.99	38.30 0.70 -19.90	31.77 0.64 -13.27	23.93 0.86 -1.72	27.55 0.92 -3.58	48.58 1.29 -18.55	37.78 1.12 -13.19	34.41 1.07 -11.23	25.45 1.18 0.00	25.06 1.13 -0.18	22.88 0.99 0.06	23.70 1.06 0.00	23.13 1.18 0.00	26.58 1.37 0.00	34.02 1.65 0.00	41.66 2.04 0.00	40.34 1.96 0.00	32.42 1.57 0.00	24.67 1.24 0.00	24.01 1.20 0.00	24.11 1.16 -0.77	27.73 1.05 -7.30
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	15.11 0.84 0.00	16.68 0.86 0.00	14.19 0.66 0.00	18.53 0.83 0.00	18.61 0.75 0.00	22.31 0.96 0.00	24.07 1.02 0.00	30.21 1.47 0.00	24.75 1.28 0.00	24.04 1.30 -0.64	25.92 1.66 0.00	25.44 1.68 0.00	23.51 1.56 0.00	24.28 1.64 0.00	23.67 1.72 0.00	27.08 1.87 0.00	34.78 2.41 0.00	42.41 2.79 0.00	41.04 2.66 0.00	32.97 2.12 0.00	24.97 1.53 0.00	24.29 1.48 0.00	23.63 1.44 0.00	21.00 1.28 -0.34
N.QUEENS_27_KV_LOAD 356247	15.18 0.90 0.00	16.73 0.91 0.00	14.24 0.70 0.00	18.58 0.89 0.00	18.66 0.80 0.00	22.36 1.01 0.00	24.12 1.07 0.00	30.33 1.59 0.00	24.90 1.43 0.00	24.26 1.45 -0.70	26.14 1.88 0.00	25.67 1.91 0.00	23.73 1.77 0.00	24.49 1.85 0.00	23.88 1.93 0.00	27.22 2.01 0.00	34.93 2.56 0.00	42.38 2.77 0.00	41.09 2.72 0.00	33.11 2.26 0.00	25.10 1.66 0.00	24.37 1.56 0.00	23.72 1.54 0.00	21.15 1.41 -0.36
N.TROY___115KV_TB1 355778	15.00 0.64 -0.09	16.48 0.65 0.00	14.04 0.51 0.00	18.35 0.65 0.00	18.48 0.62 0.00	22.19 0.81 -0.03	23.94 0.89 0.00	29.98 1.24 0.00	24.50 1.03 0.00	34.95 0.93 -11.92	25.21 0.95 0.00	24.64 0.88 0.00	22.71 0.76 0.00	23.46 0.82 0.00	22.88 0.93 0.00	26.34 1.12 0.00	33.74 1.37 0.00	41.40 1.78 0.00	40.09 1.72 0.00	32.21 1.36 0.00	24.53 1.09 0.00	23.87 1.05 0.00	23.19 1.01 0.00	25.59 0.91 -5.29
NARROWS_GT1_1 24228	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
NARROWS_GT1_2 24229	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
NARROWS_GT1_3 24230	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
NARROWS_GT1_4 24231	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36

NARROWS_GT1_5 24232	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
NARROWS_GT1_6 24233	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
NARROWS_GT1_7 24234	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
NARROWS_GT1_8 24235	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.33 2.95 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
NARROWS_GT2_1 24236	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
NARROWS_GT2_2 24237	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
NARROWS_GT2_3 24238	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
NARROWS_GT2_4 24239	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
NARROWS_GT2_5 24240	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
NARROWS_GT2_6 24241	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
NARROWS_GT2_7 24242	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
NARROWS_GT2_8 24243	15.28 1.01 0.00	16.85 1.02 0.00	14.33 0.79 0.00	18.69 0.99 0.00	18.77 0.92 0.00	22.51 1.16 0.00	24.29 1.24 0.00	30.53 1.79 0.00	25.07 1.60 0.00	24.41 1.61 -0.70	26.26 2.00 0.00	25.78 2.03 0.00	23.87 1.92 0.00	24.63 1.99 0.00	24.02 2.07 0.00	27.43 2.22 0.00	35.15 2.78 0.00	42.69 3.08 0.00	41.37 3.00 0.00	33.37 2.51 0.00	25.30 1.86 0.00	24.57 1.76 0.00	23.89 1.71 0.00	21.26 1.52 -0.36
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	14.85 0.67 0.09	16.53 0.71 0.00	14.09 0.56 0.00	18.42 0.72 0.00	18.56 0.70 0.00	22.23 0.92 0.03	24.12 1.07 0.00	30.07 1.33 0.00	24.42 0.95 0.00	11.82 0.84 11.13	24.95 0.69 0.00	24.41 0.66 0.00	22.59 0.64 0.00	23.34 0.70 0.00	22.63 0.69 0.00	26.07 0.85 0.00	33.63 1.26 0.00	41.54 1.92 0.00	40.36 1.98 0.00	32.40 1.54 0.00	24.65 1.22 0.00	23.95 1.14 0.00	23.21 1.03 0.00	14.88 0.91 5.41
NCHELSEA_115KV_TR2 355582	15.19 0.91 0.00	16.75 0.92 0.00	14.25 0.72 0.00	18.61 0.91 0.00	18.70 0.84 0.00	22.42 1.07 0.00	24.23 1.18 0.00	30.40 1.66 0.00	24.90 1.43 0.00	23.50 1.39 0.00	25.95 1.69 0.00	25.46 1.70 0.00	23.54 1.59 0.00	24.32 1.68 0.00	23.71 1.76 0.00	27.18 1.97 0.00	34.92 2.55 0.00	42.59 2.97 0.00	41.23 2.86 0.00	33.13 2.28 0.00	25.11 1.68 0.00	24.42 1.60 0.00	23.72 1.54 0.00	20.73 1.34 0.00
NEG CAPITAL___MECHNVIL 23645	15.13 0.79 -0.06	16.64 0.82 0.00	14.20 0.67 0.00	18.55 0.85 0.00	18.69 0.84 0.00	22.44 1.06 -0.02	24.26 1.21 0.00	30.36 1.62 0.00	24.80 1.32 0.00	31.83 1.16 -8.57	25.42 1.16 0.00	24.83 1.08 0.00	22.88 0.93 0.00	23.63 0.99 0.00	23.04 1.10 0.00	26.61 1.39 0.00	34.18 1.81 0.00	41.98 2.36 0.00	40.66 2.29 0.00	32.64 1.79 0.00	24.83 1.39 0.00	24.15 1.34 0.00	23.46 1.28 0.00	24.41 1.11 -3.91



NEG CENTRAL_HIGH_ACRES 23767	13.56 -0.69 0.03	15.08 -0.74 0.00	12.80 -0.73 0.00	16.73 -0.97 0.00	16.97 -0.88 0.00	20.30 -1.05 0.00	22.01 -1.05 0.00	27.36 -1.37 0.00	22.31 -1.17 0.00	20.96 -1.15 0.00	23.02 -1.24 0.00	22.48 -1.27 0.00	20.78 -1.17 0.00	21.50 -1.14 0.00	20.84 -1.11 0.00	23.99 -1.22 0.00	30.73 -1.64 0.00	37.65 -1.97 0.00	36.48 -1.90 0.00	29.36 -1.49 0.00	22.26 -1.18 0.00	21.67 -1.14 0.00	21.15 -1.04 0.00	18.34 -1.05 0.00
NEG CENTRAL___DRP 24199	13.94 -0.29 0.05	15.50 -0.32 0.00	13.21 -0.32 0.00	17.28 -0.42 0.00	17.47 -0.38 0.00	20.90 -0.45 0.00	22.69 -0.37 0.00	28.32 -0.42 0.00	23.11 -0.36 0.00	22.60 -0.41 -0.90	26.51 -0.52 -2.77	24.71 -0.58 -1.53	21.46 -0.50 -0.02	24.31 -0.45 -2.12	24.07 -0.44 -2.56	27.19 -0.42 -2.40	35.47 -0.47 -3.57	43.34 -0.49 -4.22	42.16 -0.49 -4.27	34.40 -0.42 -3.96	26.61 -0.37 -3.54	24.73 -0.34 -2.26	21.83 -0.35 0.00	19.00 -0.39 0.00
NEG CENTRAL___INDECK 23768	13.78 -0.41 0.08	15.38 -0.45 0.00	13.05 -0.48 0.00	17.07 -0.63 0.00	17.34 -0.52 0.00	20.73 -0.63 0.00	22.62 -0.43 0.00	28.28 -0.46 0.00	22.98 -0.49 0.00	31.21 -0.76 -9.86	53.57 -0.96 -30.27	39.57 -0.95 -16.77	21.21 -0.93 -0.19	44.87 -0.90 -23.12	48.99 -0.86 -27.90	50.47 -0.89 -26.14	70.20 -1.15 -38.97	84.77 -0.91 -46.06	84.36 -0.70 -46.68	73.65 -0.53 -43.33	61.66 -0.49 -38.70	47.06 -0.51 -24.76	21.69 -0.49 0.00	18.79 -0.60 0.00
NEG CENTRAL___SENECA 23627	13.87 -0.34 0.07	15.46 -0.36 0.00	13.17 -0.37 0.00	17.24 -0.46 0.00	17.44 -0.41 0.00	20.85 -0.49 0.00	22.69 -0.36 0.00	28.37 -0.36 0.00	23.14 -0.34 0.00	23.17 -0.40 -1.46	28.25 -0.51 -4.50	25.66 -0.58 -2.49	21.46 -0.52 -0.03	25.61 -0.47 -3.44	25.65 -0.45 -4.15	28.69 -0.41 -3.89	37.69 -0.48 -5.80	46.03 -0.43 -6.84	44.86 -0.44 -6.93	36.89 -0.39 -6.43	28.82 -0.37 -5.74	26.16 -0.33 -3.68	21.83 -0.36 0.00	18.97 -0.42 0.00
NEG CENTRAL___STATE_STREET 24147	14.08 -0.18 0.02	15.63 -0.19 0.00	13.33 -0.20 0.00	17.42 -0.28 0.00	17.61 -0.25 0.00	21.06 -0.30 0.00	22.80 -0.25 0.00	28.40 -0.33 0.00	23.19 -0.29 0.00	21.79 -0.31 0.00	23.84 -0.42 0.00	23.30 -0.45 0.00	21.58 -0.37 0.00	22.30 -0.33 0.00	21.62 -0.32 0.00	24.89 -0.32 0.00	32.05 -0.32 0.00	39.24 -0.38 0.00	38.02 -0.36 0.00	30.57 -0.29 0.00	23.19 -0.25 0.00	22.56 -0.25 0.00	21.96 -0.23 0.00	19.13 -0.26 0.00
NEG MILLWOOD___DRP 24198	15.21 0.94 0.00	16.78 0.95 0.00	14.27 0.74 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.45 1.10 0.00	24.27 1.22 0.00	30.47 1.73 0.00	24.97 1.50 0.00	24.22 1.48 -0.63	26.05 1.79 0.00	25.55 1.80 0.00	23.62 1.67 0.00	24.40 1.76 0.00	23.80 1.85 0.00	27.26 2.05 0.00	35.00 2.63 0.00	42.69 3.07 0.00	41.31 2.94 0.00	33.21 2.36 0.00	25.17 1.73 0.00	24.47 1.65 0.00	23.78 1.59 0.00	21.08 1.38 -0.31
NEG NORTH_FLCN_SEA 23793	-21.58 -0.40 35.45	-20.91 -0.50 36.23	-20.86 -0.34 34.05	-21.17 -0.46 38.40	-21.24 -0.42 38.67	-0.18 -0.31 21.22	12.14 -0.28 10.63	28.51 -0.23 0.00	23.29 -0.19 0.00	21.43 -0.26 0.42	23.94 -0.32 0.00	23.63 -0.12 0.00	21.51 -0.43 0.00	15.27 -0.64 6.72	1.87 -0.79 19.29	-13.00 -0.78 37.43	-20.61 -0.96 52.02	-21.30 -0.91 60.01	16.97 -0.66 20.75	-12.14 -0.63 42.35	0.66 -0.48 22.30	-21.25 -0.48 43.58	-21.26 -0.47 42.97	-21.27 -0.45 40.20
NEG NORTH_KES_CHATEGAY 23792	-20.16 -0.50 33.93	-19.39 -0.59 34.63	-19.69 -0.39 32.84	-23.06 -0.51 40.25	-23.87 -0.46 41.26	-1.67 -0.38 22.64	11.32 -0.40 11.34	28.32 -0.41 0.00	23.12 -0.35 0.00	21.29 -0.41 0.40	23.75 -0.52 0.00	23.33 -0.42 0.00	21.32 -0.63 0.00	15.41 -0.83 6.40	2.53 -0.98 18.44	-15.08 -1.00 39.30	-19.55 -1.14 50.78	-25.35 -1.11 63.86	15.41 -0.83 22.13	-15.09 -0.76 45.19	-0.96 -0.60 23.79	-24.29 -0.61 46.49	-24.28 -0.62 45.84	-24.05 -0.54 42.89
NEG NORTH___ALICE_FALLS 23915	-21.30 -0.36 35.21	-20.60 -0.45 35.98	-20.63 -0.30 33.86	-21.41 -0.41 38.69	-21.60 -0.37 39.08	-0.33 -0.23 21.45	12.13 -0.18 10.75	28.63 -0.11 0.00	23.37 -0.10 0.00	21.50 -0.19 0.42	24.00 -0.26 0.00	23.67 -0.08 0.00	21.55 -0.40 0.00	15.35 -0.61 6.67	2.02 -0.77 19.15	-13.26 -0.74 37.73	-20.32 -0.87 51.82	-21.75 -0.75 60.62	16.92 -0.48 20.97	-12.45 -0.50 42.80	0.52 -0.38 22.54	-21.62 -0.39 44.04	-21.64 -0.40 43.43	-21.63 -0.39 40.63
NEG NORTH___LWR_SARANAC 23913	-21.30 -0.36 35.21	-20.60 -0.45 35.98	-20.63 -0.30 33.86	-21.41 -0.41 38.69	-21.60 -0.37 39.08	-0.33 -0.23 21.45	12.13 -0.18 10.75	28.63 -0.11 0.00	23.37 -0.10 0.00	21.50 -0.19 0.42	24.00 -0.26 0.00	23.67 -0.08 0.00	21.55 -0.40 0.00	15.35 -0.61 6.67	2.02 -0.77 19.15	-13.26 -0.74 37.73	-20.32 -0.87 51.82	-21.75 -0.75 60.62	16.92 -0.48 20.97	-12.45 -0.50 42.80	0.52 -0.38 22.54	-21.62 -0.39 44.04	-21.64 -0.40 43.43	-21.63 -0.39 40.63
NEG NORTH___PLATTSBURG 23628	-21.29 -0.35 35.21	-20.61 -0.45 35.98	-20.62 -0.30 33.86	-21.41 -0.41 38.69	-21.60 -0.37 39.08	-0.34 -0.24 21.45	12.12 -0.18 10.75	28.63 -0.11 0.00	23.37 -0.10 0.00	21.50 -0.19 0.42	24.00 -0.27 0.00	23.67 -0.09 0.00	21.55 -0.40 0.00	15.35 -0.61 6.67	2.02 -0.77 19.15	-13.26 -0.74 37.73	-20.32 -0.87 51.82	-21.76 -0.76 60.62	16.93 -0.48 20.97	-12.46 -0.50 42.80	0.52 -0.38 22.54	-21.62 -0.39 44.04	-21.64 -0.40 43.43	-21.63 -0.39 40.63
NEG WEST_LEA_LOCKPORT 23791	13.23 -1.00 0.05	14.79 -1.03 0.00	12.49 -1.05 0.00	16.27 -1.42 0.00	16.61 -1.24 0.00	19.81 -1.54 0.00	21.54 -1.52 0.00	26.71 -2.02 0.00	21.73 -1.75 0.00	18.19 -1.59 2.32	15.54 -1.58 7.14	18.09 -1.71 3.95	20.17 -1.74 0.04	15.69 -1.57 5.38	13.88 -1.58 6.49	17.38 -1.76 6.08	20.85 -2.48 9.04	25.96 -3.05 10.60	24.78 -2.89 10.71	18.78 -2.12 9.96	12.88 -1.70 8.86	15.49 -1.63 5.69	20.75 -1.43 0.00	17.86 -1.53 0.00
NEG WEST___LANCASTER 23811	13.67 -0.55 0.06	15.29 -0.54 0.00	12.94 -0.59 0.00	16.88 -0.82 0.00	17.18 -0.68 0.00	20.47 -0.88 0.00	22.26 -0.80 0.00	27.68 -1.05 0.00	22.55 -0.92 0.00	18.94 -0.74 2.43	16.19 -0.62 7.45	18.88 -0.75 4.12	21.11 -0.80 0.04	16.50 -0.66 5.48	14.63 -0.71 6.61	18.25 -0.77 6.19	22.00 -1.15 9.22	27.47 -1.36 10.78	26.21 -1.30 10.87	19.77 -0.98 10.10	13.57 -0.87 9.00	16.26 -0.78 5.77	21.48 -0.70 0.00	18.51 -0.87 0.00
NEG_PENN_ALLEGHNY 23528	14.16 -0.10 0.02	15.73 -0.09 0.00	13.42 -0.11 0.00	17.56 -0.14 0.00	17.71 -0.15 0.00	21.14 -0.20 0.00	22.90 -0.15 0.00	28.62 -0.12 0.00	23.39 -0.09 0.00	22.05 -0.06 0.00	24.27 0.00 0.00	23.74 -0.01 0.00	21.93 -0.02 0.00	22.61 -0.03 0.00	21.95 0.00 0.00	25.23 0.01 0.00	32.42 0.06 0.00	39.74 0.12 0.00	38.41 0.03 0.00	30.83 -0.02 0.00	23.35 -0.09 0.00	22.73 -0.08 0.00	22.11 -0.07 0.00	19.26 -0.12 0.00
NEG___GEN_MONROE 24207	13.76 -0.48 0.04	15.33 -0.50 0.00	12.98 -0.54 0.00	16.93 -0.77 0.00	17.21 -0.64 0.00	20.57 -0.79 0.00	22.37 -0.69 0.00	27.81 -0.92 0.00	22.66 -0.81 0.00	20.89 -0.81 0.40	22.11 -0.92 1.24	22.09 -0.98 0.68	21.05 -0.90 0.01	20.94 -0.79 0.91	20.08 -0.77 1.10	23.33 -0.85 1.03	29.64 -1.20 1.53	37.63 -1.41 0.59	37.06 -1.32 0.00	29.89 -0.97 0.00	22.64 -0.81 -0.01	22.05 -0.77 0.00	21.56 -0.62 0.00	18.62 -0.77 0.00

NEPA___ENERGY 23901	13.46 -0.76 0.06	15.06 -0.76 0.00	12.81 -0.72 0.00	16.74 -0.96 0.00	16.96 -0.89 0.00	20.20 -1.15 0.00	21.95 -1.10 0.00	27.39 -1.35 0.00	22.32 -1.16 0.00	18.59 -0.96 2.56	15.60 -0.80 7.87	18.53 -0.87 4.36	21.02 -0.88 0.05	15.87 -0.84 5.93	13.93 -0.85 7.16	17.49 -1.02 6.71	20.96 -1.42 9.99	26.30 -1.64 11.68	24.92 -1.67 11.78	18.49 -1.42 10.94	12.43 -1.25 9.76	15.43 -1.13 6.25	21.23 -0.95 0.00	18.34 -1.04 0.00
NEVERSink___HYD 23608	15.12 0.85 0.00	16.71 0.89 0.00	14.22 0.69 0.00	18.58 0.89 0.00	18.69 0.83 0.00	22.40 1.05 0.00	24.20 1.15 0.00	30.37 1.63 0.00	24.87 1.40 0.00	23.40 1.30 0.00	25.79 1.53 0.00	25.29 1.54 0.00	23.35 1.40 0.00	24.09 1.45 0.00	23.48 1.54 0.00	26.99 1.78 0.00	34.72 2.35 0.00	42.44 2.82 0.00	41.09 2.72 0.00	33.01 2.16 0.00	25.01 1.57 0.00	24.30 1.49 0.00	23.57 1.39 0.00	20.59 1.20 0.00
NEWKRMKL_115KV_TB1 55635	14.67 0.41 0.02	16.25 0.43 0.00	13.85 0.32 0.00	18.10 0.40 0.00	18.22 0.36 0.00	21.80 0.45 0.01	23.56 0.51 0.00	29.34 0.60 0.00	23.92 0.44 0.00	19.35 0.52 3.28	24.86 0.59 0.00	24.35 0.60 0.00	22.50 0.55 0.00	23.25 0.61 0.00	22.63 0.69 0.00	25.98 0.77 0.00	33.33 0.96 0.00	40.82 1.20 0.00	39.52 1.15 0.00	31.75 0.90 0.00	24.15 0.71 0.00	23.48 0.67 0.00	22.79 0.61 0.00	18.94 0.58 1.03
NEWTON___FALLS_HYD 23847	5.29 -0.04 8.94	6.25 -0.15 9.43	6.39 -0.12 7.02	30.33 -0.13 -12.76	35.28 -0.05 -17.47	31.06 0.12 -9.59	28.27 0.41 -4.80	29.53 0.79 0.00	23.94 0.47 0.00	21.93 -0.06 0.12	24.04 -0.22 0.00	23.53 -0.22 0.00	21.55 -0.40 0.00	20.07 -0.67 1.90	16.29 -0.62 5.03	37.76 -0.29 -12.83	25.28 -0.35 6.74	66.83 1.11 -26.10	49.03 1.28 -9.38	50.80 0.81 -19.14	33.90 0.38 -10.08	42.75 0.25 -19.69	41.72 0.12 -19.42	37.64 0.08 -18.16
NGRID_A1_DSASP 323792	13.06 -1.17 0.05	14.60 -1.22 0.00	12.32 -1.21 0.00	16.05 -1.65 0.00	16.38 -1.47 0.00	19.53 -1.83 0.00	21.20 -1.85 0.00	26.27 -2.47 0.00	21.36 -2.12 0.00	17.85 -1.92 2.34	15.19 -1.89 7.18	17.77 -2.01 3.98	19.84 -2.07 0.04	15.29 -1.94 5.41	13.48 -1.93 6.53	16.88 -2.21 6.12	20.09 -3.15 9.13	25.03 -3.89 10.70	23.87 -3.71 10.80	18.12 -2.71 10.02	12.44 -2.05 8.95	15.10 -1.99 5.73	20.41 -1.77 0.00	17.59 -1.80 0.00
NGRID_A2_DSASP 323793	13.06 -1.17 0.05	14.60 -1.22 0.00	12.32 -1.21 0.00	16.05 -1.65 0.00	16.38 -1.47 0.00	19.53 -1.83 0.00	21.20 -1.85 0.00	26.27 -2.47 0.00	21.36 -2.12 0.00	17.85 -1.92 2.34	15.19 -1.89 7.18	17.77 -2.01 3.98	19.84 -2.07 0.04	15.29 -1.94 5.41	13.48 -1.93 6.53	16.88 -2.21 6.12	20.09 -3.15 9.13	25.03 -3.89 10.70	23.87 -3.71 10.80	18.12 -2.71 10.02	12.44 -2.05 8.95	15.10 -1.99 5.73	20.41 -1.77 0.00	17.59 -1.80 0.00
NGRID_A4_DSASP 323807	13.06 -1.17 0.05	14.60 -1.22 0.00	12.32 -1.21 0.00	16.05 -1.65 0.00	16.38 -1.47 0.00	19.53 -1.83 0.00	21.20 -1.85 0.00	26.27 -2.47 0.00	21.36 -2.12 0.00	17.85 -1.92 2.34	15.19 -1.89 7.18	17.77 -2.01 3.98	19.84 -2.07 0.04	15.29 -1.94 5.41	13.48 -1.93 6.53	16.88 -2.21 6.12	20.09 -3.15 9.13	25.03 -3.89 10.70	23.87 -3.71 10.80	18.12 -2.71 10.02	12.44 -2.05 8.95	15.10 -1.99 5.73	20.41 -1.77 0.00	17.59 -1.80 0.00
NIAGARA_115E_LBMP 323715	13.01 -1.22 0.05	14.55 -1.28 0.00	12.28 -1.25 0.00	16.01 -1.69 0.00	16.35 -1.51 0.00	19.48 -1.87 0.00	21.14 -1.91 0.00	26.20 -2.54 0.00	21.31 -2.17 0.00	17.86 -1.91 2.34	15.28 -1.78 7.20	17.83 -1.94 3.99	19.77 -2.14 0.04	15.38 -1.85 5.42	13.57 -1.84 6.54	17.02 -2.07 6.12	20.40 -2.89 9.08	25.48 -3.49 10.65	24.28 -3.34 10.76	18.36 -2.47 10.02	12.63 -1.95 8.86	15.17 -1.91 5.73	20.38 -1.80 0.00	17.56 -1.83 0.00
NIAGARA_115W_LBMP 323714	13.03 -1.20 0.05	14.57 -1.25 0.00	12.29 -1.24 0.00	16.02 -1.68 0.00	16.35 -1.51 0.00	19.48 -1.87 0.00	21.15 -1.90 0.00	26.21 -2.53 0.00	21.31 -2.17 0.00	17.83 -1.95 2.33	15.20 -1.92 7.14	17.75 -2.05 3.95	19.80 -2.11 0.04	15.29 -1.97 5.38	13.49 -1.96 6.50	16.87 -2.25 6.09	20.09 -3.20 9.08	25.02 -3.96 10.64	23.85 -3.78 10.74	18.12 -2.76 9.97	12.45 -2.09 8.91	15.09 -2.03 5.70	20.37 -1.81 0.00	17.55 -1.84 0.00
NIAGARA_230_LBMP 323716	13.15 -1.08 0.05	14.71 -1.12 0.00	12.41 -1.12 0.00	16.18 -1.52 0.00	16.50 -1.35 0.00	19.67 -1.68 0.00	21.34 -1.71 0.00	26.45 -2.29 0.00	21.52 -1.96 0.00	18.10 -1.79 2.21	15.68 -1.79 6.80	18.09 -1.90 3.77	20.00 -1.91 0.04	15.66 -1.85 5.14	13.90 -1.85 6.20	17.32 -2.09 5.81	20.78 -2.93 8.66	25.92 -3.54 10.15	24.73 -3.40 10.24	18.81 -2.53 9.51	12.94 -1.99 8.50	15.48 -1.91 5.43	20.55 -1.63 0.00	17.71 -1.68 0.00
NIAGARA___115KV_198_GIBSON 55903	13.02 -1.20 0.05	14.57 -1.25 0.00	12.30 -1.24 0.00	16.02 -1.68 0.00	16.36 -1.50 0.00	19.49 -1.86 0.00	21.16 -1.89 0.00	26.20 -2.53 0.00	21.31 -2.16 0.00	17.82 -1.97 2.33	15.10 -2.02 7.14	17.66 -2.14 3.95	19.81 -2.09 0.04	15.27 -1.99 5.38	13.47 -1.98 6.50	16.86 -2.27 6.09	20.09 -3.20 9.08	24.96 -4.02 10.64	23.84 -3.80 10.74	18.08 -2.80 9.97	12.40 -2.13 8.91	15.07 -2.05 5.70	20.39 -1.80 0.00	17.55 -1.84 0.00
NIAGARA___ 23760	13.15 -1.08 0.05	14.71 -1.12 0.00	12.41 -1.12 0.00	16.18 -1.52 0.00	16.50 -1.35 0.00	19.67 -1.68 0.00	21.34 -1.71 0.00	26.45 -2.29 0.00	21.52 -1.96 0.00	18.08 -1.79 2.24	15.60 -1.79 6.88	18.05 -1.90 3.81	20.00 -1.91 0.04	15.61 -1.85 5.18	13.84 -1.85 6.25	17.26 -2.09 5.87	20.68 -2.93 8.76	25.79 -3.54 10.28	24.61 -3.40 10.37	18.70 -2.53 9.61	12.88 -1.99 8.57	15.42 -1.91 5.48	20.55 -1.63 0.00	17.71 -1.68 0.00
NINE_MILE_1 23575	13.84 -0.44 0.00	15.34 -0.48 0.00	13.09 -0.44 0.00	17.11 -0.59 0.00	17.28 -0.58 0.00	20.66 -0.70 0.00	22.28 -0.77 0.00	27.68 -1.05 0.00	22.63 -0.84 0.00	21.33 -0.77 0.00	23.36 -0.90 0.00	22.87 -0.88 0.00	21.17 -0.78 0.00	21.83 -0.81 0.00	21.19 -0.76 0.00	24.34 -0.88 0.00	31.23 -1.14 0.00	38.24 -1.38 0.00	37.05 -1.33 0.00	29.78 -1.07 0.00	22.63 -0.81 0.00	22.03 -0.78 0.00	21.44 -0.74 0.00	18.73 -0.66 0.00
NINE_MILE_2 23744	13.84 -0.44 0.00	15.34 -0.48 0.00	13.09 -0.44 0.00	17.11 -0.59 0.00	17.28 -0.58 0.00	20.66 -0.69 0.00	22.28 -0.77 0.00	27.68 -1.05 0.00	22.63 -0.84 0.00	21.33 -0.77 0.00	23.36 -0.90 0.00	22.87 -0.88 0.00	21.17 -0.78 0.00	21.83 -0.81 0.00	21.19 -0.76 0.00	24.34 -0.88 0.00	31.23 -1.14 0.00	38.24 -1.38 0.00	37.05 -1.33 0.00	29.78 -1.07 0.00	22.63 -0.81 0.00	22.03 -0.78 0.00	21.44 -0.74 0.00	18.73 -0.66 0.00
NM_CAPITAL___DRP 24208	14.80 0.46 -0.06	16.30 0.48 0.00	13.89 0.36 0.00	18.15 0.45 0.00	18.27 0.41 0.00	21.90 0.53 -0.02	23.63 0.57 0.00	29.46 0.73 0.00	24.04 0.56 0.00	25.57 0.59 -2.88	24.95 0.68 0.00	24.43 0.67 0.00	22.56 0.61 0.00	23.31 0.67 0.00	22.70 0.75 0.00	26.06 0.85 0.00	33.41 1.04 0.00	40.92 1.30 0.00	39.63 1.25 0.00	31.83 0.98 0.00	24.22 0.78 0.00	23.56 0.75 0.00	22.87 0.69 0.00	23.91 0.65 -3.88

NM_CENTRAL___DRP 24181	14.06 -0.21 0.00	15.59 -0.23 0.00	13.29 -0.24 0.00	17.37 -0.32 0.00	17.55 -0.30 0.00	20.99 -0.36 0.00	22.68 -0.37 0.00	28.23 -0.51 0.00	23.08 -0.40 0.00	21.72 -0.38 0.00	23.80 -0.46 0.00	23.29 -0.46 0.00	21.56 -0.39 0.00	22.24 -0.40 0.00	21.60 -0.35 0.00	24.84 -0.37 0.00	31.90 -0.46 0.00	39.08 -0.54 0.00	37.85 -0.52 0.00	30.42 -0.44 0.00	23.09 -0.35 0.00	22.47 -0.34 0.00	21.86 -0.33 0.00	19.06 -0.32 0.00
NM_FRONTIER___DRP 24179	13.02 -1.20 0.05	14.57 -1.25 0.00	12.30 -1.24 0.00	16.02 -1.68 0.00	16.36 -1.50 0.00	19.49 -1.86 0.00	21.16 -1.89 0.00	26.20 -2.53 0.00	21.31 -2.16 0.00	17.82 -1.97 2.33	15.10 -2.02 7.14	17.66 -2.14 3.95	19.81 -2.09 0.04	15.27 -1.99 5.38	13.47 -1.98 6.50	16.86 -2.27 6.09	20.09 -3.20 9.08	24.96 -4.02 10.64	23.84 -3.80 10.74	18.08 -2.80 9.97	12.40 -2.13 8.91	15.07 -2.05 5.70	20.39 -1.80 0.00	17.55 -1.84 0.00
NM_ST_REGIS___HYD 24053	-2.01 0.05 16.34	-1.43 -0.03 17.23	0.63 0.03 12.94	39.54 0.05 -21.79	48.07 0.15 -30.06	38.24 0.40 -16.49	32.04 0.72 -8.26	29.95 1.21 0.00	24.26 0.79 0.00	22.09 0.20 0.22	24.24 -0.02 0.00	23.78 0.02 0.00	21.74 -0.21 0.00	18.69 -0.49 3.46	12.20 -0.56 9.19	46.90 -0.24 -21.92	19.34 -0.27 12.76	85.65 1.16 -44.87	56.00 1.49 -16.13	64.82 1.04 -32.93	41.39 0.61 -17.34	57.18 0.48 -33.88	55.94 0.35 -33.41	50.89 0.25 -31.26
NORTHPORT___1 23551	15.32 1.05 0.00	16.86 1.04 0.00	14.28 0.75 0.00	18.70 1.00 0.00	18.68 0.82 0.00	22.31 0.96 0.00	24.02 0.97 0.00	30.08 1.34 0.00	24.74 1.26 0.00	24.10 1.29 -0.70	26.29 2.02 0.00	25.76 2.01 0.00	23.59 1.64 0.00	24.25 1.61 0.00	23.56 1.61 0.00	26.81 1.60 0.00	18.89 1.93 15.41	28.71 2.08 12.98	40.56 2.18 0.00	32.68 1.83 0.00	24.93 1.49 0.00	24.28 1.47 0.00	23.68 1.50 0.00	21.09 1.35 -0.36
NORTHPORT___2 23552	15.32 1.05 0.00	16.86 1.04 0.00	14.28 0.75 0.00	18.70 1.00 0.00	18.68 0.82 0.00	22.31 0.96 0.00	24.02 0.97 0.00	30.08 1.34 0.00	24.74 1.26 0.00	24.10 1.29 -0.70	26.29 2.02 0.00	25.76 2.01 0.00	23.59 1.64 0.00	24.25 1.61 0.00	23.56 1.61 0.00	26.81 1.60 0.00	18.89 1.93 15.41	28.71 2.08 12.98	40.56 2.18 0.00	32.68 1.83 0.00	24.93 1.49 0.00	24.28 1.47 0.00	23.68 1.50 0.00	21.09 1.35 -0.36
NORTHPORT___3 23553	15.11 0.84 0.00	16.64 0.81 0.00	14.11 0.58 0.00	18.45 0.75 0.00	18.44 0.58 0.00	22.03 0.68 0.00	23.72 0.67 0.00	29.69 0.95 0.00	24.39 0.92 0.00	23.80 0.99 -0.70	25.95 1.69 0.00	25.45 1.70 0.00	23.34 1.39 0.00	24.01 1.37 0.00	23.33 1.38 0.00	26.55 1.34 0.00	18.45 1.58 15.50	28.25 1.69 13.06	40.11 1.73 0.00	32.32 1.47 0.00	24.63 1.19 0.00	24.01 1.20 0.00	23.41 1.23 0.00	20.86 1.11 -0.36
NORTHPORT___4 23650	15.11 0.84 0.00	16.64 0.81 0.00	14.11 0.58 0.00	18.45 0.75 0.00	18.44 0.58 0.00	22.03 0.68 0.00	23.72 0.67 0.00	29.69 0.95 0.00	24.39 0.92 0.00	23.80 0.99 -0.70	25.95 1.69 0.00	25.45 1.70 0.00	23.34 1.39 0.00	24.01 1.37 0.00	23.33 1.38 0.00	26.55 1.34 0.00	18.45 1.58 15.50	28.25 1.69 13.06	40.11 1.73 0.00	32.32 1.47 0.00	24.63 1.19 0.00	24.01 1.20 0.00	23.41 1.23 0.00	20.86 1.11 -0.36
NORTHPORT___IC 23718	15.32 1.05 0.00	16.86 1.04 0.00	14.28 0.75 0.00	18.70 1.00 0.00	18.67 0.81 0.00	22.31 0.96 0.00	24.02 0.97 0.00	30.08 1.34 0.00	24.74 1.26 0.00	24.10 1.29 -0.70	26.30 2.03 0.00	25.77 2.02 0.00	23.59 1.64 0.00	24.25 1.61 0.00	23.56 1.61 0.00	26.81 1.60 0.00	18.88 1.93 15.41	28.71 2.08 12.98	40.57 2.19 0.00	32.68 1.83 0.00	24.92 1.48 0.00	24.28 1.47 0.00	23.68 1.50 0.00	21.09 1.35 -0.36
NORTH___COUNTRY_ESR 323785	-20.16 -0.54 33.90	-19.39 -0.62 34.60	-19.70 -0.43 32.81	-23.16 -0.56 40.29	-23.98 -0.52 41.32	-1.79 -0.46 22.67	11.22 -0.47 11.36	28.23 -0.51 0.00	23.05 -0.43 0.00	21.24 -0.47 0.40	23.72 -0.54 0.00	23.31 -0.44 0.00	21.32 -0.63 0.00	15.41 -0.84 6.39	2.53 -1.01 18.41	-15.15 -1.03 39.34	-19.62 -1.23 50.75	-25.56 -1.23 63.95	15.26 -0.95 22.17	-15.26 -0.86 45.25	-1.07 -0.68 23.83	-24.43 -0.69 46.56	-24.41 -0.68 45.91	-24.17 -0.61 42.95
NPX_GEN_1385_PROXY 323591	15.65 1.38 0.00	17.29 1.46 0.00	14.55 1.01 0.00	19.14 1.45 0.00	19.14 1.28 0.00	22.89 1.54 0.00	48.38 1.52 -23.80	30.81 2.08 0.00	52.55 1.94 -27.13	24.70 1.89 -0.70	26.80 2.54 0.00	25.83 2.08 0.00	23.47 1.52 0.00	24.14 1.50 0.00	23.52 1.58 0.00	26.96 1.75 0.00	19.07 2.11 15.41	29.09 2.46 12.98	41.16 2.79 0.00	33.86 2.33 -0.68	25.36 1.92 0.00	24.44 1.63 0.00	23.81 1.63 0.00	21.20 1.45 -0.36
NPX_GEN_CSC 323557	15.35 1.08 0.00	16.86 1.04 0.00	14.30 0.76 0.00	18.72 1.02 0.00	18.71 0.85 0.00	22.40 1.05 0.00	24.24 1.18 0.00	30.35 1.62 0.00	24.96 1.49 0.00	24.27 1.46 -0.70	26.34 2.07 0.00	25.84 2.09 0.00	23.72 1.77 0.00	24.39 1.75 0.00	23.74 1.80 0.00	26.90 1.69 0.00	18.89 1.66 15.14	28.76 1.90 12.76	40.36 1.99 0.00	33.44 1.90 -0.68	25.16 1.71 0.00	24.59 1.78 0.00	23.98 1.80 0.00	21.30 1.55 -0.36
NSINS_S___GLNS_FALLS 23858	15.11 0.78 -0.05	16.63 0.80 0.00	14.21 0.67 0.00	18.56 0.86 0.00	18.72 0.86 0.00	22.49 1.12 -0.02	24.33 1.28 0.00	30.45 1.71 0.00	24.88 1.41 0.00	30.17 1.22 -6.84	25.36 1.10 0.00	24.75 1.00 0.00	22.72 0.77 0.00	23.46 0.82 0.00	22.89 0.95 0.00	26.54 1.33 0.00	34.07 1.71 0.00	41.91 2.29 0.00	40.62 2.24 0.00	32.55 1.70 0.00	24.77 1.33 0.00	24.11 1.30 0.00	23.47 1.29 0.00	23.72 1.13 -3.21
NUCOR_STEEL___DRP 24197	14.08 -0.18 0.01	15.63 -0.20 0.00	13.32 -0.21 0.00	17.42 -0.28 0.00	17.60 -0.25 0.00	21.05 -0.30 0.00	22.78 -0.27 0.00	28.37 -0.37 0.00	23.16 -0.31 0.00	21.78 -0.33 0.00	23.82 -0.44 0.00	23.29 -0.46 0.00	21.57 -0.37 0.00	22.30 -0.34 0.00	21.62 -0.33 0.00	24.88 -0.33 0.00	32.03 -0.34 0.00	39.20 -0.42 0.00	37.98 -0.40 0.00	30.54 -0.31 0.00	23.17 -0.27 0.00	22.55 -0.26 0.00	21.95 -0.24 0.00	19.12 -0.27 0.00
NUMBER_THREE_WT_PWR 323818	11.00 -0.29 2.98	12.23 -0.42 3.17	10.91 -0.39 2.24	22.93 -0.48 -5.72	25.03 -0.42 -7.59	25.14 -0.38 -4.17	24.93 -0.21 -2.09	28.71 -0.03 0.00	23.35 -0.12 0.00	21.66 -0.41 0.04	23.82 -0.44 0.00	23.32 -0.44 0.00	21.35 -0.60 0.00	21.15 -0.85 0.65	19.53 -0.72 1.69	30.47 -0.47 -5.73	29.88 -0.66 1.83	51.58 0.57 -11.39	42.97 0.52 -4.08	39.34 0.16 -8.32	27.65 -0.17 -4.38	31.09 -0.28 -8.56	30.25 -0.38 -8.44	27.00 -0.29 -7.90
NYISO_LBMP_REFERENCE 24008	14.27 0.00 0.00	15.82 0.00 0.00	13.53 0.00 0.00	17.70 0.00 0.00	17.86 0.00 0.00	21.35 0.00 0.00	23.05 0.00 0.00	28.74 0.00 0.00	23.47 0.00 0.00	22.11 0.00 0.00	24.26 0.00 0.00	23.75 0.00 0.00	21.95 0.00 0.00	22.64 0.00 0.00	21.95 0.00 0.00	25.21 0.00 0.00	32.37 0.00 0.00	39.62 0.00 0.00	38.38 0.00 0.00	30.85 0.00 0.00	23.44 0.00 0.00	22.81 0.00 0.00	22.18 0.00 0.00	19.39 0.00 0.00

NYPA_BRENTWD____GT 24164	15.41 1.14 0.00	16.94 1.12 0.00	14.35 0.82 0.00	18.78 1.09 0.00	18.78 0.92 0.00	22.48 1.13 0.00	24.26 1.21 0.00	30.42 1.69 0.00	25.01 1.53 0.00	24.34 1.53 -0.70	26.47 2.20 0.00	25.95 2.19 0.00	23.79 1.84 0.00	24.49 1.84 0.00	23.82 1.88 0.00	27.13 1.92 0.00	19.86 2.35 14.86	29.70 2.61 12.53	41.06 2.68 0.00	33.09 2.24 0.00	25.22 1.78 0.00	24.60 1.78 0.00	23.97 1.79 0.00	21.32 1.58 -0.36
NYPA_GOWANUS____GT5 24156	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.63 3.01 0.00	41.32 2.94 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
NYPA_GOWANUS____GT6 24157	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.50 1.77 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.23 1.97 0.00	25.75 2.00 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.63 3.01 0.00	41.32 2.94 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.89 1.71 0.00	21.27 1.52 -0.36
NYPA_HARLEM__RVR__GT1 24160	15.17 0.90 0.00	16.73 0.90 0.00	14.23 0.70 0.00	18.58 0.89 0.00	18.66 0.80 0.00	22.35 1.00 0.00	24.12 1.07 0.00	30.31 1.58 0.00	24.89 1.42 0.00	24.23 1.42 -0.70	26.07 1.81 0.00	25.59 1.84 0.00	23.69 1.74 0.00	24.44 1.80 0.00	23.83 1.89 0.00	27.19 1.97 0.00	34.89 2.52 0.00	42.34 2.72 0.00	41.05 2.68 0.01	33.08 2.23 0.00	25.08 1.64 0.00	24.35 1.54 0.00	23.71 1.53 0.00	21.14 1.39 -0.36
NYPA_HARLEM__RVR__GT2 24161	15.17 0.90 0.00	16.73 0.90 0.00	14.23 0.70 0.00	18.58 0.89 0.00	18.66 0.80 0.00	22.35 1.00 0.00	24.12 1.07 0.00	30.31 1.58 0.00	24.89 1.42 0.00	24.23 1.42 -0.70	26.07 1.81 0.00	25.59 1.84 0.00	23.69 1.74 0.00	24.44 1.80 0.00	23.83 1.89 0.00	27.19 1.97 0.00	34.89 2.52 0.00	42.34 2.72 0.00	41.05 2.68 0.01	33.08 2.23 0.00	25.08 1.64 0.00	24.35 1.54 0.00	23.71 1.53 0.00	21.14 1.39 -0.36
NYPA_KENT____GT 24152	15.27 0.99 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.68 0.99 0.00	18.76 0.90 0.00	22.49 1.14 0.00	24.27 1.22 0.00	30.50 1.76 0.00	25.05 1.57 0.00	24.39 1.58 -0.70	26.24 1.97 0.00	25.76 2.01 0.00	23.86 1.91 0.00	24.62 2.06 0.00	24.01 2.06 0.00	27.41 2.20 0.00	35.11 2.74 0.00	42.63 3.01 0.00	41.31 2.93 0.00	33.30 2.45 0.00	25.26 1.83 0.00	24.54 1.73 0.00	23.86 1.68 0.00	21.23 1.49 -0.36
NYPA_POUCH1____GT 24155	15.26 0.98 0.00	16.83 1.00 0.00	14.31 0.78 0.00	18.68 0.98 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.26 1.21 0.00	30.48 1.74 0.00	25.01 1.54 0.00	24.32 1.52 -0.70	26.16 1.90 0.00	25.68 1.93 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.90 1.95 0.00	27.30 2.09 0.00	35.04 2.67 0.00	42.49 2.87 0.00	41.24 2.87 0.00	33.38 2.52 0.00	25.28 1.84 0.00	24.55 1.73 0.00	23.90 1.73 0.00	21.28 1.53 -0.36
NYPA_VERNON____GT2 24162	15.26 0.98 0.00	16.83 1.00 0.00	14.30 0.77 0.00	18.67 0.98 0.00	18.75 0.89 0.00	22.48 1.13 0.00	24.25 1.20 0.00	30.46 1.72 0.00	25.02 1.54 0.00	24.37 1.56 -0.70	26.21 1.95 0.00	25.74 1.99 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.39 2.18 0.00	35.09 2.73 0.00	42.62 3.00 0.00	41.28 2.90 0.00	33.27 2.42 0.00	25.23 1.79 0.00	24.51 1.70 0.00	23.83 1.65 0.00	21.21 1.46 -0.36
NYPA_VERNON____GT3 24163	15.26 0.98 0.00	16.83 1.00 0.00	14.30 0.77 0.00	18.67 0.98 0.00	18.75 0.89 0.00	22.48 1.13 0.00	24.25 1.20 0.00	30.46 1.72 0.00	25.02 1.54 0.00	24.37 1.56 -0.70	26.21 1.95 0.00	25.74 1.99 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.39 2.18 0.00	35.09 2.73 0.00	42.62 3.00 0.00	41.28 2.90 0.00	33.27 2.42 0.00	25.23 1.79 0.00	24.51 1.70 0.00	23.83 1.65 0.00	21.21 1.46 -0.36
NYPA__ASTORIA_CC1 323568	15.24 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.73 0.87 0.00	22.44 1.10 0.00	24.21 1.16 0.00	30.40 1.67 0.00	24.98 1.50 0.00	24.33 1.52 -0.70	26.16 1.89 0.00	25.68 1.93 0.00	23.79 1.84 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.52 2.90 0.00	41.20 2.82 0.00	33.20 2.35 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.79 1.61 0.00	21.17 1.43 -0.36
NYPA__ASTORIA_CC2 323569	15.24 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.73 0.87 0.00	22.44 1.10 0.00	24.21 1.16 0.00	30.40 1.67 0.00	24.98 1.50 0.00	24.33 1.52 -0.70	26.16 1.89 0.00	25.68 1.93 0.00	23.79 1.84 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.33 2.12 0.00	35.02 2.65 0.00	42.52 2.90 0.00	41.20 2.82 0.00	33.20 2.35 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.79 1.61 0.00	21.17 1.43 -0.36
NYPA__HOLTSVILL 23794	15.30 1.03 0.00	16.82 1.00 0.00	14.26 0.72 0.00	18.65 0.95 0.00	18.65 0.79 0.00	22.32 0.97 0.00	24.10 1.05 0.00	30.20 1.46 0.00	24.84 1.36 0.00	24.18 1.37 -0.70	26.26 2.00 0.00	25.76 2.01 0.00	23.63 1.68 0.00	24.31 1.67 0.00	23.65 1.71 0.00	26.90 1.69 0.00	19.19 1.99 15.17	29.00 2.16 12.78	40.59 2.21 0.00	32.77 1.92 0.00	25.02 1.57 0.00	24.44 1.62 0.00	23.85 1.66 0.00	21.21 1.47 -0.36
NYPA__HELLGATE_GT1 24158	15.17 0.90 0.00	16.73 0.90 0.00	14.23 0.70 0.00	18.58 0.89 0.00	18.66 0.80 0.00	22.35 1.00 0.00	24.12 1.07 0.00	30.31 1.58 0.00	24.89 1.42 0.00	24.23 1.42 -0.70	26.07 1.81 0.00	25.59 1.84 0.00	23.69 1.74 0.00	24.44 1.80 0.00	23.83 1.89 0.00	27.19 1.97 0.00	34.89 2.52 0.00	42.34 2.72 0.00	41.06 2.68 0.00	33.08 2.23 0.00	25.08 1.64 0.00	24.35 1.54 0.00	23.71 1.53 0.00	21.14 1.39 -0.36
NYPA__HELLGATE_GT2 24159	15.17 0.90 0.00	16.73 0.90 0.00	14.23 0.70 0.00	18.58 0.89 0.00	18.66 0.80 0.00	22.35 1.00 0.00	24.12 1.07 0.00	30.31 1.58 0.00	24.89 1.42 0.00	24.23 1.42 -0.70	26.07 1.81 0.00	25.59 1.84 0.00	23.69 1.74 0.00	24.44 1.80 0.00	23.83 1.89 0.00	27.19 1.97 0.00	34.89 2.52 0.00	42.34 2.72 0.00	41.06 2.68 0.00	33.08 2.23 0.00	25.08 1.64 0.00	24.35 1.54 0.00	23.71 1.53 0.00	21.14 1.39 -0.36
NYS_BARGE__HYD 23848	13.24 -0.99 0.05	14.80 -1.03 0.00	12.49 -1.04 0.00	16.28 -1.42 0.00	16.62 -1.24 0.00	19.82 -1.53 0.00	21.54 -1.52 0.00	26.73 -2.01 0.00	21.74 -1.74 0.00	18.39 -1.55 2.16	16.16 -1.47 6.63	18.47 -1.62 3.67	20.16 -1.75 0.04	16.14 -1.51 4.99	14.41 -1.51 6.02	17.89 -1.69 5.64	21.61 -2.37 8.39	26.94 -2.85 9.83	25.72 -2.73 9.93	19.61 -2.01 9.24	13.64 -1.60 8.20	15.97 -1.56 5.28	20.76 -1.42 0.00	17.87 -1.51 0.00

OAK ORCHARD___HYD 24046	13.71 -0.53 0.03	15.26 -0.56 0.00	12.94 -0.60 0.00	16.88 -0.82 0.00	17.14 -0.72 0.00	20.48 -0.87 0.00	22.23 -0.83 0.00	27.64 -1.09 0.00	22.54 -0.93 0.00	21.21 -0.90 0.00	23.32 -0.95 0.00	22.76 -0.99 0.00	21.02 -0.94 0.00	21.76 -0.88 0.00	21.07 -0.87 0.00	24.25 -0.97 0.00	31.03 -1.34 0.00	38.04 -1.58 0.00	36.86 -1.52 0.00	29.71 -1.15 0.00	22.51 -0.93 0.00	21.92 -0.90 0.00	21.43 -0.75 0.00	18.55 -0.84 0.00
OAKDALE___35_KV_LOAD 356122	14.11 -0.13 0.03	15.69 -0.13 0.00	13.39 -0.14 0.00	17.52 -0.18 0.00	17.67 -0.19 0.00	21.09 -0.26 0.00	22.84 -0.21 0.00	28.51 -0.22 0.00	23.31 -0.16 0.00	21.99 -0.12 0.00	24.21 -0.05 0.00	23.68 -0.08 0.00	21.87 -0.07 0.00	22.56 -0.08 0.00	21.90 -0.05 0.00	25.16 -0.05 0.00	32.33 -0.04 0.00	39.61 -0.01 0.00	38.29 -0.09 0.00	30.74 -0.11 0.00	23.29 -0.15 0.00	22.67 -0.14 0.00	22.05 -0.13 0.00	19.21 -0.18 0.00
OCC_CHEM___DRP 24175	13.05 -1.17 0.05	14.60 -1.22 0.00	12.32 -1.21 0.00	16.05 -1.65 0.00	16.39 -1.47 0.00	19.53 -1.82 0.00	21.21 -1.85 0.00	26.26 -2.48 0.00	21.36 -2.11 0.00	17.84 -1.93 2.34	15.10 -1.98 7.18	17.68 -2.10 3.98	19.86 -2.05 0.04	15.27 -1.95 5.41	13.47 -1.94 6.53	16.86 -2.23 6.12	20.09 -3.15 9.13	24.98 -3.94 10.70	23.85 -3.73 10.80	18.09 -2.74 10.02	12.38 -2.10 8.95	15.07 -2.01 5.73	20.43 -1.75 0.00	17.58 -1.80 0.00
OH_GEN_PROXY 24063	13.18 -1.05 0.05	14.73 -1.09 0.00	12.44 -1.09 0.00	16.22 -1.48 0.00	16.54 -1.32 0.00	19.70 -1.65 0.00	21.39 -1.66 0.00	26.53 -2.21 0.00	21.60 -1.88 0.00	18.42 -1.72 1.97	16.50 -1.71 6.05	18.58 -1.82 3.35	20.10 -1.82 0.04	16.29 -1.77 4.58	14.65 -1.78 5.53	18.03 -2.01 5.18	21.83 -2.81 7.72	27.18 -3.40 9.04	26.00 -3.26 9.11	20.64 -2.43 7.78	13.95 -1.92 7.57	16.14 -1.84 4.83	20.60 -1.58 0.00	17.76 -1.63 0.00
OLIN_CORP_DRP 24177	13.02 -1.20 0.05	14.58 -1.25 0.00	12.31 -1.23 0.00	16.04 -1.66 0.00	16.38 -1.47 0.00	19.52 -1.83 0.00	21.20 -1.86 0.00	26.26 -2.48 0.00	21.35 -2.12 0.00	17.84 -1.89 2.39	15.09 -1.85 7.33	17.71 -2.01 4.06	19.84 -2.06 0.04	15.28 -1.85 5.51	13.45 -1.85 6.65	16.91 -2.07 6.23	20.21 -2.91 9.24	25.19 -3.59 10.84	24.03 -3.39 10.95	18.17 -2.49 10.19	12.43 -1.98 9.03	15.07 -1.91 5.83	20.44 -1.74 0.00	17.59 -1.80 0.00
OLIN_CORP_DSASP 323712	13.06 -1.17 0.05	14.60 -1.22 0.00	12.32 -1.21 0.00	16.05 -1.65 0.00	16.38 -1.47 0.00	19.53 -1.83 0.00	21.20 -1.85 0.00	26.27 -2.47 0.00	21.36 -2.12 0.00	17.85 -1.92 2.34	15.19 -1.89 7.18	17.77 -2.01 3.98	19.84 -2.07 0.04	15.29 -1.94 5.41	13.48 -1.93 6.53	16.88 -2.21 6.12	20.09 -3.15 9.13	25.03 -3.89 10.70	23.87 -3.71 10.80	18.12 -2.71 10.02	12.44 -2.05 8.95	15.10 -1.99 5.73	20.41 -1.77 0.00	17.59 -1.80 0.00
ONEIDA_HERK_LFGE 323681	14.48 0.07 -0.13	15.95 0.03 -0.10	13.85 0.00 -0.32	20.60 0.01 -2.90	21.38 0.05 -3.48	23.38 0.12 -1.91	24.26 0.25 -0.96	29.17 0.44 0.00	23.77 0.30 0.00	22.23 0.13 0.00	24.36 0.09 0.00	23.82 0.07 0.00	21.93 -0.02 0.00	22.52 -0.12 0.00	21.95 -0.04 -0.05	28.19 0.11 -2.87	33.55 0.21 -0.98	45.78 0.89 -5.28	41.07 0.83 -1.87	35.19 0.53 -3.81	25.73 0.28 -2.01	26.95 0.21 -3.92	26.20 0.15 -3.87	23.13 0.12 -3.62
ONEIDA___115KV_TB4 55905	14.55 0.22 -0.06	16.09 0.22 -0.04	13.83 0.16 -0.13	19.14 0.23 -1.22	19.59 0.26 -1.47	22.52 0.37 -0.80	23.96 0.51 -0.40	29.41 0.67 0.00	23.99 0.52 0.00	22.50 0.39 0.00	24.56 0.30 0.00	23.99 0.24 0.00	22.15 0.20 0.00	22.82 0.18 0.00	22.20 0.23 -0.02	26.76 0.33 -1.21	33.37 0.59 -0.41	42.91 1.07 -2.22	40.18 1.02 -0.79	33.19 0.73 -1.61	24.80 0.51 -0.85	24.93 0.46 -1.65	24.22 0.41 -1.63	21.23 0.32 -1.53
ONONDAGA_REF_OCCRA 23987	14.16 -0.13 -0.02	15.67 -0.15 0.00	13.36 -0.17 0.00	17.47 -0.22 0.00	17.64 -0.21 0.00	21.10 -0.25 0.00	22.82 -0.24 0.00	28.42 -0.32 0.00	23.22 -0.25 0.00	21.85 -0.26 0.00	23.94 -0.33 0.00	23.41 -0.34 0.00	21.67 -0.28 0.00	22.36 -0.28 0.00	21.71 -0.24 0.00	24.97 -0.24 0.00	32.12 -0.25 0.00	39.36 -0.26 0.00	38.12 -0.26 0.00	30.63 -0.22 0.00	23.25 -0.19 0.00	22.62 -0.20 0.00	21.99 -0.19 0.00	19.18 -0.21 0.00
ONONDAGA___COGEN 23986	14.12 -0.16 0.00	15.64 -0.18 0.00	13.34 -0.18 0.00	17.44 -0.25 0.00	17.62 -0.24 0.00	21.07 -0.28 0.00	22.78 -0.27 0.00	28.36 -0.38 0.00	23.17 -0.31 0.00	21.80 -0.31 0.00	23.88 -0.38 0.00	23.36 -0.39 0.00	21.63 -0.32 0.00	22.32 -0.32 0.00	21.66 -0.28 0.00	24.92 -0.30 0.00	32.03 -0.34 0.00	39.24 -0.38 0.00	38.01 -0.37 0.00	30.54 -0.31 0.00	23.19 -0.25 0.00	22.56 -0.25 0.00	21.94 -0.24 0.00	19.14 -0.25 0.00
ONTARIO___LFGE 23819	13.86 -0.34 0.07	15.46 -0.36 0.00	13.17 -0.37 0.00	17.23 -0.46 0.00	17.44 -0.42 0.00	20.85 -0.49 0.00	22.69 -0.36 0.00	28.37 -0.37 0.00	23.14 -0.34 0.00	23.17 -0.41 -1.46	28.27 -0.50 -4.50	25.67 -0.58 -2.49	21.45 -0.53 -0.03	25.61 -0.48 -3.44	25.65 -0.46 -4.15	28.69 -0.41 -3.89	37.70 -0.47 -5.80	46.02 -0.44 -6.84	44.86 -0.44 -6.93	36.89 -0.39 -6.43	28.82 -0.36 -5.74	26.16 -0.33 -3.68	21.82 -0.36 0.00	18.97 -0.42 0.00
ORANGEVILLE_WT_PWR 323706	13.14 -1.06 0.07	14.71 -1.12 0.00	12.48 -1.05 0.00	16.29 -1.40 0.00	16.58 -1.27 0.00	19.79 -1.57 0.00	21.51 -1.55 0.00	26.79 -1.94 0.00	21.80 -1.67 0.00	10.91 -1.61 9.58	-6.83 -1.67 29.43	5.68 -1.77 16.30	20.02 -1.75 0.18	-1.48 -1.76 22.35	-6.73 -1.70 26.98	-1.95 -1.89 25.28	-7.76 -2.45 37.68	-7.68 -2.86 44.44	-9.38 -2.77 44.99	-13.03 -2.11 41.77	-15.56 -1.71 37.30	-2.77 -1.72 23.86	20.52 -1.66 0.00	17.77 -1.62 0.00
ORANGEVILLE___ESR 323794	13.14 -1.06 0.07	14.71 -1.12 0.00	12.48 -1.05 0.00	16.29 -1.40 0.00	16.58 -1.27 0.00	19.79 -1.57 0.00	21.51 -1.55 0.00	26.79 -1.94 0.00	21.80 -1.67 0.00	10.91 -1.61 9.58	-6.83 -1.67 29.43	5.68 -1.77 16.30	20.02 -1.75 0.18	-1.48 -1.76 22.35	-6.73 -1.70 26.98	-1.95 -1.89 25.28	-7.76 -2.45 37.68	-7.68 -2.86 44.44	-9.38 -2.77 44.99	-13.03 -2.11 41.77	-15.56 -1.71 37.30	-2.77 -1.72 23.86	20.52 -1.66 0.00	17.77 -1.62 0.00
OSWEGATCHIE___HYD 24044	5.29 -0.04 8.94	6.24 -0.15 9.43	6.40 -0.12 7.02	30.33 -0.13 -12.76	35.27 -0.05 -17.47	31.06 0.12 -9.59	28.26 0.41 -4.80	29.53 0.79 0.00	23.94 0.47 0.00	21.93 -0.06 0.12	24.05 -0.22 0.00	23.53 -0.22 0.00	21.55 -0.40 0.00	20.07 -0.67 1.90	16.29 -0.62 5.03	37.76 -0.29 -12.83	25.27 -0.36 6.74	66.83 1.11 -26.10	49.03 1.27 -9.38	50.80 0.81 -19.14	33.90 0.38 -10.08	42.75 0.25 -19.69	41.72 0.12 -19.42	37.64 0.08 -18.16
OSWEGO___5 23606	13.92 -0.36 0.00	15.43 -0.39 0.00	13.17 -0.37 0.00	17.21 -0.49 0.00	17.38 -0.48 0.00	20.78 -0.57 0.00	22.43 -0.63 0.00	27.88 -0.85 0.00	22.80 -0.68 0.00	21.47 -0.63 0.00	23.53 -0.73 0.00	23.02 -0.73 0.00	21.31 -0.64 0.00	21.98 -0.66 0.00	21.33 -0.61 0.00	24.51 -0.70 0.00	31.46 -0.91 0.00	38.53 -1.09 0.00	37.33 -1.05 0.00	30.00 -0.85 0.00	22.80 -0.64 0.00	22.19 -0.62 0.00	21.59 -0.59 0.00	18.85 -0.53 0.00

OSWEGO___6 23613	13.92 -0.36 0.00	15.43 -0.39 0.00	13.17 -0.37 0.00	17.21 -0.49 0.00	17.38 -0.48 0.00	20.78 -0.57 0.00	22.43 -0.63 0.00	27.88 -0.85 0.00	22.80 -0.68 0.00	21.47 -0.63 0.00	23.53 -0.73 0.00	23.02 -0.73 0.00	21.31 -0.64 0.00	21.98 -0.66 0.00	21.33 -0.61 0.00	24.51 -0.70 0.00	31.46 -0.91 0.00	38.53 -1.09 0.00	37.33 -1.05 0.00	30.00 -0.85 0.00	22.80 -0.64 0.00	22.19 -0.62 0.00	21.59 -0.59 0.00	18.85 -0.53 0.00
OUTOKUMPU-AB___DRP 24206	13.35 -0.88 0.05	14.93 -0.89 0.00	12.61 -0.92 0.00	16.42 -1.28 0.00	16.75 -1.11 0.00	19.99 -1.36 0.00	21.73 -1.32 0.00	26.96 -1.77 0.00	21.95 -1.52 0.00	18.24 -1.37 2.50	15.25 -1.35 7.67	18.03 -1.47 4.25	20.43 -1.48 0.05	15.54 -1.33 5.77	13.64 -1.34 6.96	17.17 -1.52 6.52	20.45 -2.20 9.71	25.50 -2.73 11.39	24.30 -2.57 11.50	18.28 -1.88 10.69	12.41 -1.50 9.52	15.28 -1.43 6.11	20.95 -1.24 0.00	18.03 -1.36 0.00
OXBOW___BTM 323836	13.23 -0.99 0.05	14.79 -1.03 0.00	12.48 -1.05 0.00	16.26 -1.44 0.00	16.60 -1.26 0.00	19.80 -1.55 0.00	21.50 -1.55 0.00	26.67 -2.07 0.00	21.70 -1.77 0.00	18.10 -1.59 2.42	15.31 -1.52 7.43	17.98 -1.66 4.11	20.17 -1.74 0.05	15.47 -1.58 5.59	13.62 -1.58 6.75	17.09 -1.80 6.32	20.35 -2.59 9.42	25.39 -3.18 11.05	24.18 -3.04 11.16	18.28 -2.21 10.36	12.49 -1.70 9.24	15.23 -1.66 5.92	20.71 -1.47 0.00	17.84 -1.54 0.00
OXBOW____ 24026	13.23 -1.00 0.05	14.79 -1.03 0.00	12.49 -1.05 0.00	16.26 -1.43 0.00	16.60 -1.25 0.00	19.80 -1.55 0.00	21.51 -1.54 0.00	26.67 -2.07 0.00	21.70 -1.77 0.00	18.08 -1.61 2.42	15.22 -1.61 7.43	17.90 -1.74 4.11	20.19 -1.72 0.05	15.45 -1.59 5.59	13.60 -1.60 6.75	17.07 -1.82 6.32	20.35 -2.59 9.42	25.32 -3.25 11.05	24.15 -3.07 11.16	18.25 -2.24 10.36	12.45 -1.75 9.24	15.22 -1.67 5.92	20.73 -1.45 0.00	17.84 -1.54 0.00
OXY_CHEM_DSASP 323612	13.05 -1.17 0.05	14.60 -1.22 0.00	12.32 -1.21 0.00	16.05 -1.65 0.00	16.39 -1.47 0.00	19.53 -1.82 0.00	21.21 -1.85 0.00	26.26 -2.48 0.00	21.36 -2.11 0.00	17.84 -1.93 2.34	15.10 -1.98 7.18	17.68 -2.10 3.98	19.86 -2.05 0.04	15.27 -1.95 5.41	13.47 -1.94 6.53	16.86 -2.23 6.12	20.09 -3.15 9.13	24.98 -3.94 10.70	23.85 -3.73 10.80	18.09 -2.74 10.02	12.38 -2.10 8.95	15.07 -2.01 5.73	20.43 -1.75 0.00	17.58 -1.80 0.00
OZONE_PARK_ESR 323760	15.36 1.08 0.00	16.92 1.10 0.00	14.38 0.86 0.00	18.78 1.08 0.00	18.86 1.00 0.00	22.62 1.27 0.00	24.41 1.36 0.00	30.67 1.94 0.00	25.18 1.70 0.00	24.52 1.72 -0.70	26.40 2.14 0.00	25.94 2.19 0.00	23.99 2.04 0.00	24.77 2.13 0.00	24.16 2.22 0.00	27.61 2.40 0.00	35.40 3.03 0.00	43.01 3.39 0.00	41.62 3.24 0.00	33.53 2.68 0.00	25.43 1.99 0.00	24.71 1.89 0.00	24.01 1.83 0.00	21.38 1.63 -0.36
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	13.05 -1.17 0.05	14.60 -1.22 0.00	12.32 -1.21 0.00	16.05 -1.65 0.00	16.39 -1.47 0.00	19.53 -1.82 0.00	21.21 -1.85 0.00	26.26 -2.48 0.00	21.36 -2.11 0.00	17.84 -1.93 2.34	15.10 -1.98 7.18	17.68 -2.10 3.98	19.86 -2.05 0.04	15.27 -1.95 5.41	13.47 -1.94 6.53	16.86 -2.23 6.12	20.09 -3.15 9.13	24.98 -3.94 10.70	23.85 -3.73 10.80	18.09 -2.74 10.02	12.38 -2.10 8.95	15.07 -2.01 5.73	20.43 -1.75 0.00	17.58 -1.80 0.00
PACKARD___115KV_DUPONT_184 80571	13.05 -1.17 0.05	14.60 -1.22 0.00	12.32 -1.21 0.00	16.05 -1.65 0.00	16.39 -1.47 0.00	19.53 -1.82 0.00	21.21 -1.85 0.00	26.26 -2.48 0.00	21.36 -2.11 0.00	17.84 -1.93 2.34	15.10 -1.98 7.18	17.68 -2.10 3.98	19.86 -2.05 0.04	15.27 -1.95 5.41	13.47 -1.94 6.53	16.86 -2.23 6.12	20.09 -3.15 9.13	24.98 -3.94 10.70	23.85 -3.73 10.80	18.09 -2.74 10.02	12.38 -2.10 8.95	15.07 -2.01 5.73	20.43 -1.75 0.00	17.58 -1.80 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	15.20 0.93 0.00	16.77 0.94 0.00	14.27 0.73 0.00	18.62 0.92 0.00	18.70 0.84 0.00	22.40 1.05 0.00	24.19 1.14 0.00	30.39 1.65 0.00	24.95 1.47 0.00	24.27 1.46 -0.70	26.12 1.86 0.00	25.65 1.89 0.00	23.69 1.74 0.00	24.45 1.80 0.00	23.83 1.89 0.00	27.22 2.00 0.00	34.92 2.55 0.00	42.45 2.83 0.00	41.19 2.81 0.00	33.16 2.31 0.00	25.13 1.69 0.00	24.42 1.60 0.00	23.77 1.59 0.00	21.17 1.42 -0.36
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	15.20 0.93 0.00	16.77 0.94 0.00	14.27 0.73 0.00	18.63 0.93 0.00	18.71 0.85 0.00	22.42 1.07 0.00	24.22 1.17 0.00	30.46 1.72 0.00	24.99 1.52 0.00	24.28 1.48 -0.70	26.14 1.87 0.00	25.65 1.89 0.00	23.69 1.74 0.00	24.45 1.81 0.00	23.84 1.89 0.00	27.22 2.00 0.00	34.96 2.59 0.00	42.48 2.86 0.00	41.24 2.87 0.00	33.19 2.34 0.00	25.15 1.72 0.00	24.44 1.63 0.00	23.80 1.62 0.00	21.19 1.45 -0.36
PATROON___115KV_TB1 80586	14.75 0.45 -0.02	16.30 0.47 0.00	13.89 0.36 0.00	18.14 0.45 0.00	18.27 0.41 0.00	21.87 0.51 -0.01	23.63 0.58 0.00	29.45 0.71 0.00	24.00 0.52 0.00	24.23 0.60 -1.53	24.93 0.67 0.00	24.43 0.68 0.00	22.57 0.62 0.00	23.32 0.68 0.00	22.71 0.76 0.00	26.07 0.86 0.00	33.45 1.08 0.00	40.97 1.35 0.00	39.66 1.28 0.00	31.86 1.01 0.00	24.23 0.79 0.00	23.56 0.75 0.00	22.86 0.68 0.00	21.38 0.64 -1.35
PATTRSNVILLE___SOLAR 323815	14.86 0.55 -0.03	16.41 0.58 0.00	14.00 0.47 0.00	18.30 0.60 0.00	18.44 0.59 0.00	22.10 0.73 -0.01	23.88 0.82 0.00	29.85 1.11 0.00	24.33 0.85 0.00	26.69 0.64 -3.94	24.86 0.60 0.00	24.23 0.48 0.00	22.37 0.42 0.00	23.11 0.47 0.00	22.44 0.49 0.00	25.88 0.66 0.00	33.43 1.06 0.00	41.24 1.62 0.00	39.99 1.62 0.00	32.14 1.29 0.00	24.42 0.98 0.00	23.75 0.93 0.00	23.06 0.87 0.00	22.16 0.75 -2.02
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	13.61 -0.61 0.06	15.22 -0.61 0.00	12.87 -0.66 0.00	16.79 -0.91 0.00	17.10 -0.76 0.00	20.38 -0.97 0.00	22.17 -0.88 0.00	27.57 -1.17 0.00	22.46 -1.02 0.00	18.61 -0.86 2.64	15.41 -0.75 8.10	18.39 -0.88 4.48	20.99 -0.92 0.05	15.83 -0.79 6.02	13.86 -0.83 7.26	17.51 -0.90 6.80	20.92 -1.32 10.13	26.17 -1.59 11.86	24.91 -1.50 11.97	18.60 -1.13 11.12	12.56 -0.98 9.91	15.56 -0.90 6.35	21.39 -0.79 0.00	18.43 -0.96 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	15.21 0.94 0.00	16.78 0.95 0.00	14.27 0.74 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.45 1.10 0.00	24.27 1.22 0.00	30.47 1.73 0.00	24.97 1.50 0.00	24.22 1.48 -0.63	26.05 1.79 0.00	25.55 1.80 0.00	23.62 1.67 0.00	24.40 1.76 0.00	23.80 1.85 0.00	27.26 2.05 0.00	35.00 2.63 0.00	42.69 3.07 0.00	41.31 2.94 0.00	33.21 2.36 0.00	25.17 1.73 0.00	24.47 1.65 0.00	23.78 1.59 0.00	21.08 1.38 -0.31
PEEKSKILL____ 23653	15.10 0.83 0.00	16.67 0.84 0.00	14.18 0.65 0.00	18.51 0.82 0.00	18.59 0.74 0.00	22.29 0.94 0.00	24.05 1.00 0.00	30.18 1.44 0.00	24.74 1.27 0.00	24.07 1.28 -0.68	25.89 1.62 0.00	25.40 1.65 0.00	23.49 1.53 0.00	24.24 1.60 0.00	23.63 1.69 0.00	27.04 1.82 0.00	34.71 2.34 0.00	42.29 2.67 0.00	40.93 2.56 0.00	32.91 2.06 0.00	24.94 1.50 0.00	24.26 1.45 0.00	23.60 1.42 0.00	21.00 1.26 -0.35

PGE MADISON___WINDPWR 24146	14.96 0.58 -0.10	16.44 0.61 0.00	14.03 0.50 0.00	18.37 0.67 0.00	18.59 0.73 0.00	22.25 0.90 0.00	24.25 1.20 0.00	30.38 1.64 0.00	24.75 1.27 0.00	23.57 0.93 -0.53	27.00 1.10 -1.64	25.62 0.95 -0.91	22.70 0.74 -0.01	24.51 0.63 -1.24	24.01 0.57 -1.49	27.64 1.03 -1.40	35.91 1.46 -2.08	44.46 2.42 -2.42	43.17 2.37 -2.43	34.87 1.76 -2.25	26.70 1.25 -2.01	25.24 1.14 -1.29	23.16 0.98 0.00	20.11 0.72 0.00
PIERCEFIELD___HYD 23852	0.63 0.15 13.80	1.34 0.07 14.56	2.73 0.10 10.91	36.54 0.15 -18.70	43.86 0.26 -25.74	36.01 0.53 -14.13	31.04 0.91 -7.08	30.22 1.48 0.00	24.45 0.97 0.00	22.21 0.29 0.18	24.31 0.04 0.00	23.83 0.07 0.00	21.79 -0.16 0.00	19.26 -0.46 2.93	13.69 -0.49 7.76	43.91 -0.11 -18.81	21.54 -0.13 10.69	79.64 1.59 -38.43	54.12 1.92 -13.82	60.42 1.36 -28.20	39.13 0.84 -14.85	52.51 0.68 -29.02	51.32 0.52 -28.61	46.55 0.39 -26.77
PINELAWN_CC_1 323563	15.32 1.05 0.00	16.84 1.02 0.00	14.28 0.75 0.00	18.68 0.98 0.00	18.69 0.83 0.00	22.38 1.03 0.00	24.16 1.11 0.00	30.31 1.57 0.00	24.90 1.43 0.00	24.22 1.42 -0.70	26.33 2.07 0.00	25.78 2.03 0.00	23.66 1.71 0.00	24.38 1.74 0.00	23.60 1.65 0.00	26.81 1.60 0.00	20.50 1.94 13.81	30.18 1.95 11.40	40.43 2.05 0.00	32.67 1.82 0.00	24.95 1.51 0.00	24.51 1.70 0.00	23.87 1.68 0.00	21.21 1.47 -0.36
PJM_GEN_HTP_PROXY 323702	15.20 0.92 0.00	16.76 0.94 0.00	14.25 0.72 0.00	18.60 0.91 0.00	18.68 0.82 0.00	22.40 1.05 0.00	24.16 1.10 0.00	30.34 1.60 0.00	24.90 1.42 0.00	24.25 1.45 -0.70	26.09 1.83 0.00	25.62 1.87 0.00	23.71 1.76 0.00	24.47 1.83 0.00	23.86 1.92 0.00	27.28 2.07 0.00	34.98 2.61 0.00	42.54 2.92 0.00	41.15 2.77 0.00	33.12 2.27 0.00	25.12 1.69 0.00	24.42 1.61 0.00	23.74 1.56 0.00	22.50 1.38 -1.74
PJM_GEN_KEystone 24065	14.21 -0.02 0.03	15.79 -0.03 0.00	13.43 -0.10 0.00	17.55 -0.15 0.00	17.69 -0.16 0.00	21.15 -0.20 0.00	22.89 -0.16 0.00	28.62 -0.12 0.00	23.40 -0.07 0.00	21.60 0.03 0.54	22.87 0.26 1.66	23.08 0.24 0.92	22.14 0.21 0.01	21.56 0.26 1.34	20.61 0.28 1.62	23.95 0.25 1.52	30.39 0.29 2.26	37.36 0.33 2.59	36.07 0.27 2.58	28.64 0.18 2.39	21.33 0.03 2.14	21.49 0.05 1.37	22.30 0.12 0.00	20.77 0.01 -1.38
PJM_GEN_NEPTUNE_PROXY 323594	15.13 0.86 0.00	16.64 0.82 0.00	14.13 0.60 0.00	18.47 0.78 0.00	18.50 0.64 0.00	22.15 0.80 0.00	23.90 0.85 0.00	29.96 1.22 0.00	24.60 1.13 0.00	23.98 1.18 -0.70	26.01 1.75 0.00	25.49 1.74 0.00	23.45 1.50 0.00	24.17 1.53 0.00	23.52 1.57 0.00	26.83 1.62 0.00	17.90 2.01 16.48	27.83 2.19 13.98	40.59 2.21 0.00	32.66 1.81 0.00	24.87 1.43 0.00	24.24 1.42 0.00	23.59 1.41 0.00	22.36 1.24 -1.74
PJM_GEN_VFT_PROXY 323633	15.18 0.90 0.00	16.74 0.92 0.00	14.24 0.71 0.00	18.59 0.90 0.00	18.66 0.81 0.00	22.38 1.03 0.00	24.11 1.06 0.00	30.26 1.52 0.00	24.83 1.35 0.00	24.18 1.38 -0.70	26.03 1.77 0.00	25.56 1.81 0.00	23.66 1.71 0.00	24.42 1.78 0.00	23.81 1.87 0.00	27.21 2.00 0.00	34.88 2.51 0.00	42.37 2.75 0.00	41.01 2.63 0.00	33.05 2.20 0.00	25.06 1.62 0.00	24.37 1.56 0.00	23.70 1.52 0.00	22.49 1.37 -1.74
PLATSBURG_115KV_PMLD1 355749	-21.59 -0.41 35.46	-20.92 -0.51 36.24	-20.88 -0.35 34.06	-21.18 -0.48 38.40	-21.25 -0.44 38.67	-0.19 -0.32 21.22	12.13 -0.29 10.63	28.48 -0.25 0.00	23.27 -0.21 0.00	21.41 -0.28 0.42	23.92 -0.34 0.00	23.62 -0.14 0.00	21.50 -0.45 0.00	15.26 -0.66 6.72	1.85 -0.81 19.29	-13.02 -0.81 37.43	-20.64 -0.99 52.02	-21.32 -0.95 59.99	16.95 -0.69 20.74	-12.15 -0.66 42.35	0.65 -0.49 22.30	-21.26 -0.50 43.57	-21.27 -0.49 42.96	-21.27 -0.47 40.19
PLEASANTVLY___LBMP 24000	15.03 0.74 0.00	16.57 0.74 0.00	14.10 0.57 0.00	18.41 0.72 0.00	18.50 0.65 0.00	22.17 0.82 0.00	23.92 0.87 0.00	30.01 1.27 0.00	24.60 1.12 0.00	24.04 1.12 -0.81	25.66 1.40 0.00	25.17 1.42 0.00	23.26 1.31 0.00	24.02 1.38 0.00	23.41 1.46 0.00	26.82 1.60 0.00	34.41 2.05 0.00	41.96 2.34 0.00	40.62 2.25 0.00	32.66 1.81 0.00	24.78 1.34 0.00	24.10 1.28 0.00	23.43 1.25 0.00	20.90 1.11 -0.39
PLSNTVLE_13_KV_13.8KVDIST 80602	15.13 0.86 0.00	16.70 0.87 0.00	14.20 0.67 0.00	18.55 0.85 0.00	18.62 0.77 0.00	22.33 0.98 0.00	24.10 1.04 0.00	30.23 1.50 0.00	24.79 1.32 0.00	24.14 1.33 -0.70	25.94 1.68 0.00	25.45 1.69 0.00	23.52 1.57 0.00	24.29 1.65 0.00	23.67 1.72 0.00	27.10 1.88 0.00	34.77 2.40 0.00	42.35 2.73 0.00	41.00 2.62 0.00	32.97 2.12 0.00	25.00 1.56 0.00	24.31 1.50 0.00	23.64 1.46 0.00	21.04 1.29 -0.36
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	15.13 0.86 0.00	16.70 0.87 0.00	14.20 0.67 0.00	18.55 0.85 0.00	18.62 0.77 0.00	22.33 0.98 0.00	24.10 1.04 0.00	30.23 1.50 0.00	24.79 1.32 0.00	24.14 1.33 -0.70	25.94 1.68 0.00	25.45 1.69 0.00	23.52 1.57 0.00	24.29 1.65 0.00	23.67 1.72 0.00	27.10 1.88 0.00	34.77 2.40 0.00	42.35 2.73 0.00	41.00 2.62 0.00	32.97 2.12 0.00	25.00 1.56 0.00	24.31 1.50 0.00	23.64 1.46 0.00	21.04 1.29 -0.36
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	15.15 0.88 0.00	16.71 0.89 0.00	14.22 0.69 0.00	18.57 0.87 0.00	18.66 0.80 0.00	22.37 1.02 0.00	24.17 1.12 0.00	30.34 1.60 0.00	24.80 1.32 0.00	24.39 1.30 -0.99	25.84 1.57 0.00	25.32 1.56 0.00	23.40 1.45 0.00	24.18 1.54 0.00	23.57 1.63 0.00	27.04 1.83 0.00	34.73 2.37 0.00	42.38 2.76 0.00	41.03 2.65 0.00	32.97 2.12 0.00	25.00 1.56 0.00	24.31 1.49 0.00	23.60 1.42 0.00	21.09 1.24 -0.46
POLETTI___ 23519	15.22 0.94 0.00	16.78 0.95 0.00	14.27 0.73 0.00	18.63 0.93 0.00	18.70 0.84 0.00	22.42 1.07 0.00	24.15 1.10 0.00	30.33 1.59 0.00	24.89 1.42 0.00	24.26 1.45 -0.70	26.12 1.86 0.00	25.66 1.90 0.00	23.75 1.80 0.00	24.51 1.87 0.00	23.90 1.96 0.00	27.30 2.09 0.00	34.98 2.62 0.00	42.52 2.90 0.00	41.14 2.76 0.00	33.15 2.29 0.00	25.15 1.71 0.00	24.44 1.63 0.00	23.76 1.58 0.00	21.14 1.40 -0.36
POMONA___ESR 323819	15.11 0.84 0.00	16.68 0.86 0.00	14.19 0.66 0.00	18.53 0.84 0.00	18.61 0.75 0.00	22.31 0.96 0.00	24.07 1.02 0.00	30.21 1.47 0.00	24.75 1.28 0.00	24.04 1.29 -0.64	25.91 1.65 0.00	25.43 1.67 0.00	23.52 1.57 0.00	24.28 1.64 0.00	23.66 1.72 0.00	27.08 1.87 0.00	34.78 2.41 0.00	42.41 2.79 0.00	41.03 2.65 0.00	32.97 2.12 0.00	24.97 1.54 0.00	24.29 1.48 0.00	23.63 1.44 0.00	21.00 1.28 -0.34
PORT_JEFF_3 23555	15.35 1.07 0.00	16.87 1.04 0.00	14.29 0.76 0.00	18.70 1.00 0.00	18.70 0.84 0.00	22.38 1.03 0.00	24.17 1.12 0.00	30.30 1.56 0.00	24.92 1.45 0.00	24.25 1.44 -0.70	26.34 2.08 0.00	25.84 2.08 0.00	23.71 1.76 0.00	24.38 1.74 0.00	23.74 1.79 0.00	27.00 1.79 0.00	19.34 2.11 15.14	29.12 2.25 12.75	40.70 2.32 0.00	32.85 1.99 0.00	25.08 1.65 0.00	24.53 1.71 0.00	23.92 1.74 0.00	21.27 1.53 -0.36

PORT_JEFF_4 23616	15.35 1.07 0.00	16.87 1.04 0.00	14.29 0.76 0.00	18.70 1.00 0.00	18.70 0.84 0.00	22.38 1.03 0.00	24.17 1.12 0.00	30.30 1.56 0.00	24.92 1.45 0.00	24.25 1.44 -0.70	26.34 2.08 0.00	25.84 2.08 0.00	23.71 1.76 0.00	24.38 1.74 0.00	23.74 1.79 0.00	27.00 1.79 0.00	19.34 2.11 15.14	29.12 2.25 12.75	40.70 2.32 0.00	32.85 1.99 0.00	25.08 1.65 0.00	24.53 1.71 0.00	23.92 1.74 0.00	21.27 1.53 -0.36
PORT_JEFF_IC 23713	15.34 1.07 0.00	16.86 1.04 0.00	14.29 0.76 0.00	18.70 1.00 0.00	18.69 0.84 0.00	22.37 1.02 0.00	24.17 1.12 0.00	30.30 1.56 0.00	24.91 1.44 0.00	24.24 1.44 -0.70	26.35 2.09 0.00	25.85 2.10 0.00	23.70 1.75 0.00	24.38 1.74 0.00	23.75 1.80 0.00	27.01 1.79 0.00	19.39 2.11 15.09	29.11 2.20 12.71	40.65 2.27 0.00	32.81 1.96 0.00	25.07 1.63 0.00	24.54 1.73 0.00	23.93 1.75 0.00	21.27 1.53 -0.36
PPL PILGRIM_ST_GT1 24216	15.41 1.14 0.00	16.94 1.12 0.00	14.35 0.82 0.00	18.78 1.09 0.00	18.78 0.92 0.00	22.48 1.13 0.00	24.26 1.21 0.00	30.42 1.69 0.00	25.01 1.53 0.00	24.34 1.53 -0.70	26.47 2.20 0.00	25.95 2.19 0.00	23.79 1.84 0.00	24.49 1.84 0.00	23.82 1.88 0.00	27.13 1.92 0.00	19.86 2.35 14.86	29.70 2.61 12.53	41.06 2.68 0.00	33.09 2.24 0.00	25.22 1.78 0.00	24.60 1.78 0.00	23.97 1.79 0.00	21.32 1.58 -0.36
PPL PILGRIM_ST_GT2 24217	15.41 1.14 0.00	16.94 1.12 0.00	14.35 0.82 0.00	18.78 1.09 0.00	18.78 0.92 0.00	22.48 1.13 0.00	24.26 1.21 0.00	30.42 1.69 0.00	25.01 1.53 0.00	24.34 1.53 -0.70	26.47 2.20 0.00	25.95 2.19 0.00	23.79 1.84 0.00	24.49 1.84 0.00	23.82 1.88 0.00	27.13 1.92 0.00	19.86 2.35 14.86	29.70 2.61 12.53	41.06 2.68 0.00	33.09 2.24 0.00	25.22 1.78 0.00	24.60 1.78 0.00	23.97 1.79 0.00	21.32 1.58 -0.36
PPL_SHRM_GT3 24213	15.35 1.08 0.00	16.86 1.04 0.00	14.30 0.76 0.00	18.72 1.02 0.00	18.71 0.85 0.00	22.40 1.05 0.00	24.23 1.18 0.00	30.35 1.62 0.00	24.96 1.49 0.00	24.26 1.45 -0.70	26.32 2.06 0.00	25.83 2.08 0.00	23.71 1.76 0.00	24.37 1.73 0.00	23.73 1.78 0.00	26.88 1.67 0.00	18.75 1.50 15.12	28.82 1.93 12.74	40.42 2.04 0.00	32.78 1.92 0.00	25.16 1.72 0.00	24.59 1.78 0.00	23.98 1.80 0.00	21.30 1.56 -0.36
PPL_SHRM_GT4 24214	15.35 1.08 0.00	16.86 1.04 0.00	14.30 0.76 0.00	18.72 1.02 0.00	18.71 0.85 0.00	22.40 1.05 0.00	24.23 1.18 0.00	30.35 1.62 0.00	24.96 1.49 0.00	24.26 1.45 -0.70	26.32 2.06 0.00	25.83 2.08 0.00	23.71 1.76 0.00	24.37 1.73 0.00	23.73 1.78 0.00	26.88 1.67 0.00	18.75 1.50 15.12	28.82 1.93 12.74	40.42 2.04 0.00	32.78 1.92 0.00	25.16 1.72 0.00	24.59 1.78 0.00	23.98 1.80 0.00	21.30 1.56 -0.36
PROJECT___ORANGE 1 24174	14.07 -0.20 0.00	15.59 -0.23 0.00	13.30 -0.23 0.00	17.38 -0.31 0.00	17.56 -0.29 0.00	20.99 -0.36 0.00	22.69 -0.36 0.00	28.24 -0.50 0.00	23.09 -0.39 0.00	21.74 -0.37 0.00	23.82 -0.45 0.00	23.31 -0.45 0.00	21.58 -0.37 0.00	22.26 -0.38 0.00	21.62 -0.33 0.00	24.86 -0.35 0.00	31.94 -0.43 0.00	39.11 -0.51 0.00	37.88 -0.50 0.00	30.44 -0.41 0.00	23.11 -0.33 0.00	22.49 -0.33 0.00	21.86 -0.32 0.00	19.08 -0.31 0.00
PROJECT___ORANGE 2 24166	14.07 -0.20 0.00	15.59 -0.23 0.00	13.30 -0.23 0.00	17.38 -0.31 0.00	17.56 -0.29 0.00	20.99 -0.36 0.00	22.69 -0.36 0.00	28.24 -0.50 0.00	23.09 -0.39 0.00	21.74 -0.37 0.00	23.82 -0.45 0.00	23.31 -0.45 0.00	21.58 -0.37 0.00	22.26 -0.38 0.00	21.62 -0.33 0.00	24.86 -0.35 0.00	31.94 -0.43 0.00	39.11 -0.51 0.00	37.88 -0.50 0.00	30.44 -0.41 0.00	23.11 -0.33 0.00	22.49 -0.33 0.00	21.86 -0.32 0.00	19.08 -0.31 0.00
PUCKETT___SOLAR 323809	14.32 0.05 0.00	15.90 0.08 0.00	13.56 0.03 0.00	17.74 0.05 0.00	17.90 0.04 0.00	21.37 0.01 0.00	23.15 0.09 0.00	28.93 0.20 0.00	23.62 0.14 0.00	22.20 0.09 0.00	24.41 0.15 0.00	23.85 0.10 0.00	21.95 0.00 0.00	22.58 -0.06 0.00	21.93 -0.01 0.00	25.26 0.04 0.00	32.57 0.21 0.00	40.10 0.48 0.00	38.76 0.38 0.00	31.09 0.23 0.00	23.56 0.12 0.00	22.91 0.10 0.00	22.24 0.06 0.00	19.38 -0.01 0.00
PYRITES___HYD 24023	1.00 0.52 13.80	1.74 0.47 14.56	3.08 0.45 10.91	37.00 0.61 -18.70	44.34 0.74 -25.74	36.63 1.15 -14.13	31.83 1.70 -7.08	31.28 2.54 0.00	25.22 1.74 0.00	22.67 0.75 0.18	24.66 0.40 0.00	24.17 0.41 0.00	22.08 0.12 0.00	19.52 -0.20 2.93	13.93 -0.25 7.76	44.30 0.28 -18.81	21.99 0.31 10.69	80.79 2.73 -38.43	55.41 3.21 -13.82	61.46 2.41 -28.20	39.91 1.62 -14.85	53.25 1.41 -29.02	52.00 1.20 -28.61	47.10 0.94 -26.77
QUAKERRD_115KV_BK1 80622	13.50 -0.75 0.03	15.02 -0.80 0.00	12.75 -0.78 0.00	16.65 -1.05 0.00	16.89 -0.96 0.00	20.20 -1.15 0.00	21.89 -1.16 0.00	27.21 -1.52 0.00	22.19 -1.29 0.00	20.87 -1.24 0.00	22.90 -1.36 0.00	22.37 -1.38 0.00	20.70 -1.25 0.00	21.40 -1.25 0.00	20.73 -1.21 0.00	23.86 -1.35 0.00	30.56 -1.81 0.00	37.41 -2.21 0.00	36.26 -2.12 0.00	29.20 -1.65 0.00	22.14 -1.31 0.00	21.56 -1.25 0.00	21.06 -1.12 0.00	18.26 -1.12 0.00
QUENSBRY_115KV_TB8 356137	15.10 0.77 -0.05	16.61 0.79 0.00	14.20 0.67 0.00	18.55 0.86 0.00	18.72 0.86 0.00	22.48 1.12 -0.02	24.34 1.28 0.00	30.46 1.72 0.00	24.90 1.43 0.00	30.03 1.23 -6.69	25.35 1.09 0.00	24.74 0.98 0.00	22.68 0.73 0.00	23.43 0.79 0.00	22.86 0.92 0.00	26.54 1.32 0.00	34.05 1.69 0.00	41.89 2.28 0.00	40.60 2.23 0.00	32.52 1.67 0.00	24.76 1.32 0.00	24.10 1.28 0.00	23.47 1.29 0.00	23.66 1.12 -3.15
RAMAPO___LBMP 323565	15.06 0.79 0.00	16.63 0.81 0.00	14.15 0.62 0.00	18.48 0.78 0.00	18.55 0.70 0.00	22.25 0.90 0.00	24.00 0.95 0.00	30.11 1.37 0.00	24.67 1.20 0.00	23.95 1.21 -0.63	25.83 1.57 0.00	25.35 1.59 0.00	23.42 1.47 0.00	24.19 1.55 0.00	23.56 1.61 0.00	26.96 1.75 0.00	34.63 2.26 0.00	42.22 2.61 0.00	40.87 2.50 0.00	32.84 1.99 0.00	24.87 1.43 0.00	24.20 1.38 0.00	23.54 1.36 0.00	20.92 1.21 -0.33
RANKINE____ 23646	13.42 -0.80 0.06	15.01 -0.81 0.00	12.70 -0.83 0.00	16.55 -1.14 0.00	16.86 -1.00 0.00	20.11 -1.24 0.00	21.88 -1.18 0.00	27.18 -1.56 0.00	22.11 -1.36 0.00	17.86 -1.22 3.03	13.77 -1.19 9.30	17.30 -1.30 5.15	20.61 -1.28 0.06	14.44 -1.23 6.98	12.29 -1.23 8.42	15.95 -1.37 7.89	18.67 -1.95 11.75	23.45 -2.38 13.78	22.19 -2.27 13.92	16.21 -1.71 12.93	10.51 -1.40 11.53	14.10 -1.32 7.39	21.05 -1.14 0.00	18.14 -1.25 0.00
RAVENSWOOD_GT2_1 24244	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.74 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.14 0.00	30.38 1.65 0.00	24.94 1.46 0.00	24.29 1.49 -0.70	26.15 1.88 0.00	25.68 1.93 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.91 1.96 0.00	27.33 2.11 0.00	35.02 2.66 0.00	42.57 2.95 0.00	41.20 2.82 0.00	33.19 2.34 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36



RAVENSWOOD_GT2_2 24245	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.74 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.14 0.00	30.38 1.65 0.00	24.94 1.46 0.00	24.29 1.49 -0.70	26.15 1.88 0.00	25.68 1.93 0.00	23.76 1.81 0.00	24.52 1.88 0.00	23.91 1.96 0.00	27.33 2.11 0.00	35.02 2.66 0.00	42.57 2.95 0.00	41.20 2.82 0.00	33.19 2.34 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36
RAVENSWOOD_GT2_3 24246	15.23 0.96 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.65 0.95 0.00	18.72 0.87 0.00	22.45 1.10 0.00	24.21 1.16 0.00	30.41 1.67 0.00	24.95 1.48 0.00	24.31 1.50 -0.70	26.16 1.90 0.00	25.70 1.95 0.00	23.77 1.82 0.00	24.54 1.90 0.00	23.93 1.98 0.00	27.34 2.13 0.00	35.04 2.67 0.00	42.60 2.98 0.00	41.23 2.86 0.00	33.21 2.36 0.00	25.18 1.74 0.00	24.48 1.67 0.00	23.80 1.62 0.00	21.17 1.42 -0.36
RAVENSWOOD_GT2_4 24247	15.23 0.96 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.65 0.95 0.00	18.72 0.87 0.00	22.45 1.10 0.00	24.21 1.16 0.00	30.41 1.67 0.00	24.95 1.48 0.00	24.31 1.50 -0.70	26.16 1.90 0.00	25.70 1.95 0.00	23.77 1.82 0.00	24.54 1.90 0.00	23.93 1.98 0.00	27.34 2.13 0.00	35.04 2.67 0.00	42.60 2.98 0.00	41.23 2.86 0.00	33.21 2.36 0.00	25.18 1.74 0.00	24.48 1.67 0.00	23.80 1.62 0.00	21.17 1.42 -0.36
RAVENSWOOD_GT3_1 24248	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.15 0.00	30.39 1.65 0.00	24.94 1.46 0.00	24.30 1.49 -0.70	26.15 1.89 0.00	25.68 1.93 0.00	23.76 1.81 0.00	24.53 1.89 0.00	23.91 1.97 0.00	27.33 2.12 0.00	35.02 2.66 0.00	42.58 2.96 0.00	41.20 2.83 0.00	33.19 2.34 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36
RAVENSWOOD_GT3_2 24249	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.15 0.00	30.39 1.65 0.00	24.94 1.46 0.00	24.30 1.49 -0.70	26.15 1.89 0.00	25.68 1.93 0.00	23.76 1.81 0.00	24.53 1.89 0.00	23.91 1.97 0.00	27.33 2.12 0.00	35.02 2.66 0.00	42.58 2.96 0.00	41.20 2.83 0.00	33.19 2.34 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36
RAVENSWOOD_GT3_3 24250	15.25 0.97 0.00	16.81 0.99 0.00	14.30 0.76 0.00	18.67 0.97 0.00	18.74 0.88 0.00	22.47 1.12 0.00	24.24 1.18 0.00	30.44 1.70 0.00	24.98 1.51 0.00	24.34 1.53 -0.70	26.20 1.93 0.00	25.73 1.97 0.00	23.80 1.85 0.00	24.57 1.93 0.00	23.96 2.01 0.00	27.38 2.17 0.00	35.09 2.72 0.00	42.65 3.04 0.00	41.28 2.90 0.00	33.25 2.40 0.00	25.22 1.78 0.00	24.51 1.69 0.00	23.83 1.65 0.00	21.19 1.45 -0.36
RAVENSWOOD_GT3_4 24251	15.25 0.97 0.00	16.81 0.99 0.00	14.30 0.76 0.00	18.67 0.97 0.00	18.74 0.88 0.00	22.47 1.12 0.00	24.24 1.18 0.00	30.44 1.70 0.00	24.98 1.51 0.00	24.34 1.53 -0.70	26.20 1.93 0.00	25.73 1.97 0.00	23.80 1.85 0.00	24.57 1.93 0.00	23.96 2.01 0.00	27.38 2.17 0.00	35.09 2.72 0.00	42.65 3.04 0.00	41.28 2.90 0.00	33.25 2.40 0.00	25.22 1.78 0.00	24.51 1.69 0.00	23.83 1.65 0.00	21.19 1.45 -0.36
RAVENSWOOD_GT_1 23729	15.25 0.98 0.00	16.82 1.00 0.00	14.31 0.77 0.00	18.67 0.98 0.00	18.75 0.89 0.00	22.48 1.13 0.00	24.25 1.20 0.00	30.46 1.72 0.00	25.02 1.54 0.00	24.37 1.57 -0.70	26.22 1.96 0.00	25.76 2.01 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.39 2.18 0.00	35.09 2.72 0.00	42.62 3.00 0.00	41.28 2.90 0.00	33.27 2.42 0.00	25.23 1.79 0.00	24.51 1.70 0.00	23.83 1.65 0.00	21.21 1.46 -0.36
RAVENSWOOD_GT_10 24258	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.14 0.00	30.39 1.65 0.00	24.94 1.46 0.00	24.29 1.49 -0.70	26.15 1.89 0.00	25.68 1.93 0.00	23.76 1.81 0.00	24.53 1.89 0.00	23.91 1.97 0.00	27.33 2.12 0.00	35.02 2.66 0.00	42.58 2.96 0.00	41.20 2.82 0.00	33.19 2.34 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36
RAVENSWOOD_GT_11 24259	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.14 0.00	30.39 1.65 0.00	24.94 1.46 0.00	24.29 1.49 -0.70	26.15 1.89 0.00	25.68 1.93 0.00	23.76 1.81 0.00	24.53 1.89 0.00	23.91 1.97 0.00	27.33 2.12 0.00	35.02 2.66 0.00	42.58 2.96 0.00	41.20 2.82 0.00	33.19 2.34 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36
RAVENSWOOD_GT_4 24252	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.74 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.15 0.00	30.38 1.65 0.00	24.94 1.46 0.00	24.29 1.49 -0.70	26.15 1.89 0.00	25.68 1.93 0.00	23.75 1.80 0.00	24.52 1.88 0.00	23.91 1.96 0.00	27.33 2.12 0.00	35.02 2.66 0.00	42.58 2.96 0.00	41.20 2.82 0.00	33.19 2.34 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36
RAVENSWOOD_GT_5 24254	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.74 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.15 0.00	30.38 1.65 0.00	24.94 1.46 0.00	24.29 1.49 -0.70	26.15 1.89 0.00	25.68 1.93 0.00	23.75 1.80 0.00	24.52 1.88 0.00	23.91 1.96 0.00	27.33 2.12 0.00	35.02 2.66 0.00	42.58 2.96 0.00	41.20 2.82 0.00	33.19 2.34 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36
RAVENSWOOD_GT_6 24253	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.74 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.15 0.00	30.38 1.65 0.00	24.94 1.46 0.00	24.29 1.49 -0.70	26.15 1.89 0.00	25.68 1.93 0.00	23.75 1.80 0.00	24.52 1.88 0.00	23.91 1.96 0.00	27.33 2.12 0.00	35.02 2.66 0.00	42.58 2.96 0.00	41.20 2.82 0.00	33.19 2.34 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36
RAVENSWOOD_GT_7 24255	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.74 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.15 0.00	30.38 1.65 0.00	24.94 1.46 0.00	24.29 1.49 -0.70	26.15 1.89 0.00	25.68 1.93 0.00	23.75 1.80 0.00	24.52 1.88 0.00	23.91 1.96 0.00	27.33 2.12 0.00	35.02 2.66 0.00	42.58 2.96 0.00	41.20 2.82 0.00	33.19 2.34 0.00	25.17 1.73 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.14 0.00	30.39 1.65 0.00	24.94 1.46 0.00	24.29 1.49 -0.70	26.15 1.89 0.00	25.68 1.93 0.00	23.76 1.81 0.00	24.53 1.89 0.00	23.91 1.97 0.00	27.33 2.12 0.00	35.02 2.66 0.00	42.58 2.96 0.00	41.20 2.82 0.00	33.19 2.34 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36

RAVENSWOOD_GT_9 24257	15.22 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.64 0.94 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.20 1.14 0.00	30.39 1.65 0.00	24.94 1.46 0.00	24.29 1.49 -0.70	26.15 1.89 0.00	25.68 1.93 0.00	23.76 1.81 0.00	24.53 1.89 0.00	23.91 1.97 0.00	27.33 2.12 0.00	35.02 2.66 0.00	42.58 2.96 0.00	41.20 2.82 0.00	33.19 2.34 0.00	25.18 1.74 0.00	24.46 1.65 0.00	23.78 1.60 0.00	21.16 1.42 -0.36
RAVENSWOOD___1 23533	15.23 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.73 0.87 0.00	22.44 1.09 0.00	24.21 1.16 0.00	30.41 1.67 0.00	24.98 1.51 0.00	24.32 1.52 -0.70	26.16 1.90 0.00	25.70 1.94 0.00	23.79 1.84 0.00	24.55 1.91 0.00	23.95 2.00 0.00	27.34 2.13 0.00	35.04 2.67 0.00	42.56 2.94 0.00	41.22 2.85 0.00	33.22 2.36 0.00	25.19 1.75 0.00	24.47 1.66 0.00	23.80 1.62 0.00	21.18 1.43 -0.36
RAVENSWOOD___2 23534	15.23 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.73 0.87 0.00	22.44 1.09 0.00	24.21 1.16 0.00	30.41 1.67 0.00	24.98 1.51 0.00	24.32 1.52 -0.70	26.16 1.90 0.00	25.70 1.94 0.00	23.79 1.84 0.00	24.55 1.91 0.00	23.95 2.00 0.00	27.34 2.13 0.00	35.04 2.67 0.00	42.56 2.94 0.00	41.22 2.85 0.00	33.22 2.36 0.00	25.19 1.75 0.00	24.47 1.66 0.00	23.80 1.62 0.00	21.18 1.43 -0.36
RAVENSWOOD___3 23535	15.23 0.95 0.00	16.79 0.97 0.00	14.28 0.75 0.00	18.65 0.95 0.00	18.72 0.86 0.00	22.44 1.09 0.00	24.21 1.15 0.00	30.39 1.66 0.00	24.94 1.47 0.00	24.30 1.49 -0.70	26.14 1.88 0.00	25.67 1.92 0.00	23.77 1.82 0.00	24.52 1.89 0.00	23.92 1.97 0.00	27.33 2.12 0.00	35.03 2.66 0.00	42.58 2.96 0.00	41.20 2.83 0.00	33.19 2.34 0.00	25.18 1.74 0.00	24.47 1.65 0.00	23.79 1.60 0.00	21.17 1.42 -0.36
RAVENSWOOD___4 23820	15.23 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.73 0.87 0.00	22.44 1.09 0.00	24.21 1.16 0.00	30.41 1.67 0.00	24.98 1.51 0.00	24.32 1.52 -0.70	26.16 1.90 0.00	25.70 1.94 0.00	23.79 1.84 0.00	24.55 1.91 0.00	23.95 2.00 0.00	27.34 2.13 0.00	35.04 2.67 0.00	42.56 2.94 0.00	41.22 2.85 0.00	33.22 2.36 0.00	25.19 1.75 0.00	24.47 1.66 0.00	23.80 1.62 0.00	21.18 1.43 -0.36
RCPI_TRUST___DRP 24196	15.22 0.94 0.00	16.78 0.95 0.00	14.27 0.73 0.00	18.63 0.93 0.00	18.70 0.85 0.00	22.42 1.07 0.00	24.20 1.15 0.00	30.39 1.66 0.00	24.94 1.47 0.00	24.31 1.50 -0.70	26.16 1.90 0.00	25.69 1.94 0.00	23.77 1.82 0.00	24.54 1.90 0.00	23.93 1.98 0.00	27.36 2.14 0.00	35.06 2.69 0.00	42.64 3.02 0.00	41.24 2.86 0.00	33.20 2.35 0.00	25.17 1.73 0.00	24.47 1.65 0.00	23.78 1.60 0.00	21.15 1.41 -0.36
RED___ROCHESTER 323720	13.78 -0.46 0.03	15.34 -0.48 0.00	13.00 -0.53 0.00	16.96 -0.74 0.00	17.23 -0.62 0.00	20.60 -0.76 0.00	22.36 -0.69 0.00	27.82 -0.92 0.00	22.68 -0.79 0.00	21.34 -0.77 0.00	23.47 -0.79 0.00	22.92 -0.83 0.00	21.16 -0.79 0.00	21.92 -0.72 0.00	21.22 -0.72 0.00	24.43 -0.78 0.00	31.27 -1.10 0.00	38.33 -1.29 0.00	37.15 -1.23 0.00	29.93 -0.92 0.00	22.68 -0.77 0.00	22.08 -0.74 0.00	21.57 -0.61 0.00	18.66 -0.72 0.00
REGAN___SOLAR 323812	15.12 0.81 -0.03	16.70 0.88 0.00	14.26 0.72 0.00	18.64 0.94 0.00	18.81 0.95 0.00	22.56 1.20 -0.01	24.44 1.39 0.00	30.59 1.85 0.00	24.84 1.37 0.00	26.59 0.80 -3.67	24.71 0.45 0.00	24.01 0.26 0.00	22.23 0.28 0.00	22.88 0.24 0.00	22.23 0.28 0.00	25.65 0.43 0.00	33.54 1.17 0.00	42.07 2.45 0.00	40.91 2.53 0.00	32.87 2.02 0.00	24.96 1.52 0.00	24.26 1.44 0.00	23.52 1.33 0.00	22.38 1.11 -1.89
RENSSELAER___COGEN 23796	14.49 0.39 0.17	16.23 0.41 0.00	13.83 0.30 0.00	18.07 0.38 0.00	18.19 0.33 0.00	21.71 0.42 0.07	23.51 0.45 0.00	29.23 0.49 0.00	23.80 0.33 0.00	1.20 0.46 21.37	24.78 0.52 0.00	24.28 0.53 0.00	22.45 0.50 0.00	23.19 0.55 0.00	22.57 0.63 0.00	25.90 0.69 0.00	33.22 0.85 0.00	40.69 1.07 0.00	39.41 1.03 0.00	31.67 0.81 0.00	24.09 0.65 0.00	23.43 0.61 0.00	22.73 0.56 0.01	9.44 0.54 10.49
REPUBLIC_115KV_BARTNBRK 55605	15.80 1.47 -0.05	17.37 1.54 0.00	14.95 1.42 0.00	19.53 1.83 0.00	19.73 1.87 0.00	23.78 2.41 -0.02	25.73 2.68 0.00	32.07 3.33 0.00	26.35 2.87 0.00	31.40 2.45 -6.85	26.36 2.10 0.00	25.72 1.97 0.00	23.40 1.45 0.00	24.15 1.50 0.00	23.73 1.78 0.00	27.80 2.59 0.00	35.48 3.11 0.00	43.81 4.20 0.00	42.53 4.16 0.00	33.92 3.07 0.00	25.91 2.47 0.00	25.24 2.43 0.00	24.64 2.45 0.00	24.77 2.17 -3.21
REVERE_CPPR_DRP 24186	14.65 0.29 -0.08	16.18 0.29 -0.06	13.95 0.22 -0.20	19.84 0.32 -1.83	20.43 0.37 -2.20	23.05 0.49 -1.21	24.33 0.67 -0.60	29.64 0.91 0.00	24.16 0.68 0.00	22.60 0.49 0.00	24.67 0.40 0.00	24.09 0.33 0.00	22.21 0.26 0.00	22.87 0.23 0.00	22.27 0.29 -0.03	27.46 0.44 -1.81	33.76 0.77 -0.62	44.39 1.44 -3.33	40.92 1.36 -1.18	34.24 0.98 -2.41	25.37 0.66 -1.27	25.89 0.59 -2.48	25.15 0.52 -2.44	22.08 0.41 -2.29
REYNOLDS_115KV_TB3 80639	14.94 0.53 -0.13	16.36 0.54 0.00	13.94 0.41 0.00	18.22 0.52 0.00	18.34 0.48 0.00	22.02 0.62 -0.05	23.72 0.67 0.00	29.73 1.00 0.00	24.34 0.87 0.00	41.76 0.75 -18.90	25.05 0.78 0.00	24.51 0.76 0.00	22.63 0.68 0.00	23.38 0.74 0.00	22.78 0.83 0.00	26.16 0.95 0.00	33.52 1.15 0.00	41.06 1.45 0.00	39.76 1.38 0.00	31.95 1.10 0.00	24.32 0.88 0.00	23.66 0.85 0.00	22.98 0.79 -0.01	28.39 0.73 -8.27
RIVERBAY____ 323610	15.20 0.93 0.00	16.77 0.94 0.00	14.27 0.73 0.00	18.63 0.93 0.00	18.71 0.85 0.00	22.42 1.07 0.00	24.22 1.17 0.00	30.46 1.72 0.00	24.99 1.52 0.00	24.28 1.48 -0.70	26.14 1.87 0.00	25.65 1.89 0.00	23.69 1.74 0.00	24.45 1.81 0.00	23.84 1.89 0.00	27.22 2.00 0.00	34.96 2.59 0.00	42.48 2.86 0.00	41.24 2.87 0.00	33.19 2.34 0.00	25.15 1.72 0.00	24.44 1.63 0.00	23.80 1.62 0.00	21.19 1.45 -0.36
RIVERSDE_115KV_TB3 55908	14.80 0.46 -0.06	16.30 0.48 0.00	13.89 0.36 0.00	18.15 0.45 0.00	18.27 0.41 0.00	21.90 0.53 -0.02	23.63 0.57 0.00	29.46 0.73 0.00	24.04 0.56 0.00	25.57 0.59 -2.88	24.95 0.68 0.00	24.43 0.67 0.00	22.56 0.61 0.00	23.31 0.67 0.00	22.70 0.75 0.00	26.06 0.85 0.00	33.41 1.04 0.00	40.92 1.30 0.00	39.63 1.25 0.00	31.83 0.98 0.00	24.22 0.78 0.00	23.56 0.75 0.00	22.87 0.69 0.00	23.91 0.65 -3.88
ROARING___BROOK_WT_PWR 323790	-39.49 -0.42 53.35	-39.70 -0.37 55.15	-34.82 -0.38 47.97	6.17 -0.59 10.94	15.89 -0.57 1.40	19.92 -0.67 0.77	21.98 -0.69 0.38	27.95 -0.79 0.00	22.79 -0.68 0.00	20.91 -0.54 0.66	23.77 -0.49 0.00	23.29 -0.47 0.00	21.45 -0.50 0.00	11.55 -0.55 10.54	-8.02 -0.59 29.38	14.63 -0.72 9.87	-33.63 -1.03 64.96	34.45 -0.88 4.29	36.71 -0.91 0.75	28.39 -0.94 1.53	21.78 -0.85 0.81	20.37 -0.87 1.57	9.97 -0.89 11.32	17.26 -0.68 1.45

ROCHESRG_115KV_T4 355643	13.65 -0.59 0.03	15.21 -0.62 0.00	12.90 -0.64 0.00	16.82 -0.88 0.00	17.09 -0.77 0.00	20.41 -0.94 0.00	22.15 -0.90 0.00	27.53 -1.21 0.00	22.45 -1.03 0.00	20.71 -0.99 0.42	21.92 -1.07 1.28	21.94 -1.11 0.71	20.94 -1.01 0.01	20.71 -0.99 0.95	19.83 -0.98 1.14	23.06 -1.08 1.07	29.28 -1.50 1.59	35.97 -1.81 1.84	34.82 -1.72 1.84	27.84 -1.30 1.71	20.85 -1.06 1.53	20.84 -1.00 0.98	21.35 -0.83 0.00	18.47 -0.91 0.00
ROCHESTER_9_IC 23652	13.72 -0.52 0.03	15.28 -0.54 0.00	12.95 -0.58 0.00	16.90 -0.80 0.00	17.17 -0.69 0.00	20.51 -0.84 0.00	22.27 -0.78 0.00	27.69 -1.05 0.00	22.58 -0.89 0.00	21.24 -0.87 0.00	23.32 -0.95 0.00	22.77 -0.98 0.00	21.07 -0.88 0.00	21.79 -0.85 0.00	21.11 -0.84 0.00	24.29 -0.93 0.00	31.08 -1.29 0.00	38.06 -1.56 0.00	36.90 -1.47 0.00	29.75 -1.11 0.00	22.52 -0.92 0.00	21.94 -0.87 0.00	21.47 -0.71 0.00	18.57 -0.81 0.00
ROCKVIEW_13_KV_LD 356306	15.20 0.92 0.00	16.76 0.94 0.00	14.26 0.72 0.00	18.61 0.92 0.00	18.69 0.84 0.00	22.41 1.06 0.00	24.19 1.14 0.00	30.37 1.63 0.00	24.91 1.44 0.00	24.25 1.45 -0.70	26.10 1.83 0.00	25.62 1.87 0.00	23.68 1.73 0.00	24.45 1.81 0.00	23.84 1.89 0.00	27.27 2.05 0.00	34.98 2.61 0.00	42.58 2.96 0.00	41.19 2.82 0.00	33.15 2.30 0.00	25.14 1.70 0.00	24.43 1.62 0.00	23.76 1.58 0.00	21.13 1.38 -0.36
ROME____115KV_TB2 80656	14.65 0.29 -0.08	16.18 0.29 -0.06	13.95 0.22 -0.20	19.84 0.32 -1.83	20.43 0.37 -2.20	23.05 0.49 -1.21	24.33 0.67 -0.60	29.64 0.91 0.00	24.16 0.68 0.00	22.60 0.49 0.00	24.67 0.40 0.00	24.09 0.33 0.00	22.21 0.26 0.00	22.87 0.23 0.00	22.27 0.29 -0.03	27.46 0.44 -1.81	33.76 0.77 -0.62	44.39 1.44 -3.33	40.92 1.36 -1.18	34.24 0.98 -2.41	25.37 0.66 -1.27	25.89 0.59 -2.48	25.15 0.52 -2.44	22.08 0.41 -2.29
ROSETON___1 23587	15.01 0.73 0.00	16.57 0.75 0.00	14.10 0.57 0.00	18.41 0.72 0.00	18.50 0.64 0.00	22.16 0.82 0.00	23.92 0.87 0.00	29.99 1.25 0.00	24.57 1.10 0.00	23.81 1.10 -0.60	25.65 1.39 0.00	25.16 1.40 0.00	23.25 1.30 0.00	24.01 1.37 0.00	23.40 1.45 0.00	26.80 1.59 0.00	34.40 2.03 0.00	41.95 2.33 0.00	40.61 2.23 0.00	32.65 1.80 0.00	24.76 1.32 0.00	24.08 1.27 0.00	23.45 1.27 0.00	20.87 1.14 -0.35
ROSETON___2 23588	15.01 0.73 0.00	16.57 0.75 0.00	14.10 0.57 0.00	18.41 0.72 0.00	18.50 0.64 0.00	22.16 0.82 0.00	23.92 0.87 0.00	29.99 1.25 0.00	24.57 1.10 0.00	23.81 1.10 -0.60	25.65 1.39 0.00	25.16 1.40 0.00	23.25 1.30 0.00	24.01 1.37 0.00	23.40 1.45 0.00	26.80 1.59 0.00	34.40 2.03 0.00	41.95 2.33 0.00	40.61 2.23 0.00	32.65 1.80 0.00	24.76 1.32 0.00	24.08 1.27 0.00	23.45 1.27 0.00	20.87 1.14 -0.35
ROTRDAM_115KV_TB3 80664	14.80 0.49 -0.03	16.33 0.50 0.00	13.93 0.40 0.00	18.20 0.51 0.00	18.34 0.48 0.00	21.96 0.60 -0.01	23.72 0.67 0.00	29.64 0.91 0.00	24.21 0.73 0.00	26.80 0.64 -4.05	24.93 0.67 0.00	24.37 0.61 0.00	22.48 0.53 0.00	23.22 0.58 0.00	22.59 0.64 0.00	26.00 0.79 0.00	33.43 1.07 0.00	41.03 1.41 0.00	39.75 1.38 0.00	31.94 1.09 0.00	24.28 0.84 0.00	23.62 0.80 0.00	22.94 0.75 0.00	22.12 0.66 -2.08
RUSSELL___1 23602	13.78 -0.46 0.03	15.34 -0.48 0.00	13.00 -0.53 0.00	16.96 -0.73 0.00	17.23 -0.62 0.00	20.60 -0.75 0.00	22.36 -0.69 0.00	27.82 -0.92 0.00	22.68 -0.79 0.00	21.33 -0.78 0.00	23.43 -0.83 0.00	22.88 -0.87 0.00	21.17 -0.78 0.00	21.91 -0.73 0.00	21.22 -0.73 0.00	24.42 -0.79 0.00	31.26 -1.11 0.00	38.29 -1.33 0.00	37.13 -1.25 0.00	29.91 -0.94 0.00	22.66 -0.79 0.00	22.06 -0.75 0.00	21.58 -0.60 0.00	18.66 -0.72 0.00
RUSSELL___2 23532	13.78 -0.46 0.03	15.34 -0.48 0.00	13.00 -0.53 0.00	16.96 -0.73 0.00	17.23 -0.62 0.00	20.60 -0.75 0.00	22.36 -0.69 0.00	27.82 -0.92 0.00	22.68 -0.79 0.00	21.33 -0.78 0.00	23.43 -0.83 0.00	22.88 -0.87 0.00	21.17 -0.78 0.00	21.91 -0.73 0.00	21.22 -0.73 0.00	24.42 -0.79 0.00	31.26 -1.11 0.00	38.29 -1.33 0.00	37.13 -1.25 0.00	29.91 -0.94 0.00	22.66 -0.79 0.00	22.06 -0.75 0.00	21.58 -0.60 0.00	18.66 -0.72 0.00
RUSSELL___3 23549	13.78 -0.46 0.03	15.34 -0.48 0.00	13.00 -0.53 0.00	16.96 -0.73 0.00	17.23 -0.62 0.00	20.60 -0.75 0.00	22.36 -0.69 0.00	27.82 -0.92 0.00	22.68 -0.79 0.00	21.33 -0.78 0.00	23.43 -0.83 0.00	22.88 -0.87 0.00	21.17 -0.78 0.00	21.91 -0.73 0.00	21.22 -0.73 0.00	24.42 -0.79 0.00	31.26 -1.11 0.00	38.29 -1.33 0.00	37.13 -1.25 0.00	29.91 -0.94 0.00	22.66 -0.79 0.00	22.06 -0.75 0.00	21.58 -0.60 0.00	18.66 -0.72 0.00
RUSSELL___4 23556	13.78 -0.46 0.03	15.34 -0.48 0.00	13.00 -0.53 0.00	16.96 -0.73 0.00	17.23 -0.62 0.00	20.60 -0.75 0.00	22.36 -0.69 0.00	27.82 -0.92 0.00	22.68 -0.79 0.00	21.33 -0.78 0.00	23.43 -0.83 0.00	22.88 -0.87 0.00	21.17 -0.78 0.00	21.91 -0.73 0.00	21.22 -0.73 0.00	24.42 -0.79 0.00	31.26 -1.11 0.00	38.29 -1.33 0.00	37.13 -1.25 0.00	29.91 -0.94 0.00	22.66 -0.79 0.00	22.06 -0.75 0.00	21.58 -0.60 0.00	18.66 -0.72 0.00
RUSSELL___STATION 23914	13.78 -0.46 0.03	15.34 -0.48 0.00	13.00 -0.53 0.00	16.96 -0.73 0.00	17.23 -0.62 0.00	20.60 -0.75 0.00	22.36 -0.69 0.00	27.82 -0.92 0.00	22.68 -0.79 0.00	21.33 -0.78 0.00	23.43 -0.83 0.00	22.88 -0.87 0.00	21.17 -0.78 0.00	21.91 -0.73 0.00	21.22 -0.73 0.00	24.42 -0.79 0.00	31.26 -1.11 0.00	38.29 -1.33 0.00	37.13 -1.25 0.00	29.91 -0.94 0.00	22.66 -0.79 0.00	22.06 -0.75 0.00	21.58 -0.60 0.00	18.66 -0.72 0.00
S SALMON___HYD 24043	12.91 -0.32 1.04	14.33 -0.39 1.10	12.38 -0.37 0.77	19.29 -0.48 -2.07	20.15 -0.45 -2.75	22.33 -0.53 -1.51	23.28 -0.52 -0.75	28.11 -0.63 0.00	22.94 -0.53 0.00	21.50 -0.59 0.01	23.58 -0.68 0.00	23.04 -0.72 0.00	21.27 -0.68 0.00	21.63 -0.79 0.23	20.66 -0.70 0.59	26.62 -0.67 -2.08	30.95 -0.80 0.62	43.11 -0.62 -4.12	39.28 -0.57 -1.47	33.33 -0.53 -3.01	24.53 -0.49 -1.58	25.43 -0.48 -3.09	24.76 -0.47 -3.05	21.81 -0.43 -2.86
S.PERRY__115KV_TB1 80734	13.78 -0.41 0.08	15.38 -0.44 0.00	13.05 -0.48 0.00	17.07 -0.63 0.00	17.34 -0.51 0.00	20.73 -0.62 0.00	22.62 -0.43 0.00	28.27 -0.46 0.00	22.98 -0.49 0.00	31.20 -0.76 -9.86	53.54 -1.00 -30.27	39.54 -0.98 -16.77	21.22 -0.91 -0.19	44.86 -0.90 -23.12	48.98 -0.87 -27.90	50.46 -0.90 -26.14	70.19 -1.15 -38.97	84.74 -0.94 -46.06	84.33 -0.72 -46.68	73.63 -0.55 -43.33	61.64 -0.51 -38.70	47.05 -0.52 -24.76	21.70 -0.48 0.00	18.79 -0.60 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.30 -0.92 0.05	14.88 -0.95 0.00	12.57 -0.96 0.00	16.38 -1.32 0.00	16.70 -1.16 0.00	19.91 -1.44 0.00	21.63 -1.42 0.00	26.84 -1.90 0.00	21.84 -1.63 0.00	17.74 -1.48 2.88	13.93 -1.49 8.84	17.26 -1.60 4.90	20.34 -1.56 0.05	14.47 -1.51 6.66	12.39 -1.52 8.04	15.98 -1.70 7.54	18.73 -2.40 11.23	23.48 -2.95 13.18	22.26 -2.80 13.31	16.40 -2.09 12.36	10.72 -1.68 11.04	14.16 -1.59 7.06	20.84 -1.35 0.00	17.95 -1.44 0.00

SAWYER___23_KV_LOAD 55526	13.30 -0.92 0.05	14.88 -0.95 0.00	12.57 -0.96 0.00	16.38 -1.32 0.00	16.70 -1.16 0.00	19.91 -1.44 0.00	21.63 -1.42 0.00	26.84 -1.90 0.00	21.84 -1.63 0.00	17.74 -1.48 2.88	13.93 -1.49 8.84	17.26 -1.60 4.90	20.34 -1.56 0.05	14.47 -1.51 6.66	12.39 -1.52 8.04	15.98 -1.70 7.54	18.73 -2.40 11.23	23.48 -2.95 13.18	22.26 -2.80 13.31	16.40 -2.09 12.36	10.72 -1.68 11.04	14.16 -1.59 7.06	20.84 -1.35 0.00	17.95 -1.44 0.00
SELKIRK___I 23801	14.68 0.49 0.08	16.35 0.52 0.00	13.94 0.41 0.00	18.22 0.53 0.00	18.35 0.49 0.00	21.92 0.61 0.03	23.71 0.65 0.00	29.56 0.82 0.00	24.07 0.60 0.00	11.99 0.52 10.63	24.79 0.53 0.00	24.31 0.55 0.00	22.46 0.51 0.00	23.21 0.57 0.00	22.54 0.59 0.00	25.90 0.69 0.00	33.34 0.97 0.00	40.91 1.29 0.00	39.64 1.26 0.00	31.85 0.99 0.00	24.23 0.79 0.00	23.57 0.75 0.00	22.88 0.70 0.00	14.95 0.65 5.09
SELKIRK___II 23799	14.58 0.40 0.10	16.25 0.42 0.00	13.85 0.32 0.00	18.10 0.40 0.00	18.22 0.36 0.00	21.76 0.45 0.04	23.53 0.48 0.00	29.33 0.59 0.00	23.93 0.45 0.00	10.20 0.50 12.41	24.82 0.56 0.00	24.31 0.56 0.00	22.48 0.52 0.00	23.21 0.57 0.00	22.58 0.63 0.00	25.92 0.70 0.00	33.26 0.89 0.00	40.72 1.11 0.00	39.45 1.07 0.00	31.70 0.85 0.00	24.11 0.67 0.00	23.45 0.64 0.00	22.76 0.58 0.00	13.97 0.55 5.96
SENECA OSWGO___HYD 24041	13.99 -0.29 0.00	15.50 -0.32 0.00	13.22 -0.31 0.00	17.28 -0.42 0.00	17.46 -0.40 0.00	20.87 -0.48 0.00	22.53 -0.52 0.00	28.02 -0.72 0.00	22.90 -0.57 0.00	21.57 -0.53 0.00	23.63 -0.64 0.00	23.11 -0.64 0.00	21.40 -0.55 0.00	22.07 -0.57 0.00	21.44 -0.51 0.00	24.64 -0.57 0.00	31.64 -0.73 0.00	38.77 -0.85 0.00	37.55 -0.83 0.00	30.18 -0.67 0.00	22.92 -0.52 0.00	22.31 -0.50 0.00	21.70 -0.48 0.00	18.94 -0.44 0.00
SENECA___115KV_TB3 355854	13.44 -0.78 0.06	15.03 -0.79 0.00	12.71 -0.82 0.00	16.57 -1.12 0.00	16.88 -0.98 0.00	20.14 -1.21 0.00	21.91 -1.15 0.00	27.22 -1.52 0.00	22.15 -1.33 0.00	17.90 -1.18 3.03	13.81 -1.15 9.30	17.34 -1.27 5.15	20.65 -1.24 0.06	14.48 -1.18 6.98	12.33 -1.19 8.42	15.99 -1.33 7.89	18.72 -1.90 11.75	23.52 -2.31 13.78	22.26 -2.20 13.92	16.26 -1.66 12.93	10.54 -1.36 11.53	14.14 -1.29 7.39	21.08 -1.10 0.00	18.16 -1.22 0.00
SENECA___ENERGY 23797	13.87 -0.37 0.03	15.41 -0.41 0.00	13.13 -0.41 0.00	17.17 -0.52 0.00	17.36 -0.50 0.00	20.77 -0.58 0.00	22.53 -0.52 0.00	28.13 -0.60 0.00	22.97 -0.51 0.00	22.16 -0.55 -0.61	25.48 -0.66 -1.87	24.09 -0.71 -1.04	21.34 -0.62 -0.01	23.49 -0.59 -1.44	23.13 -0.55 -1.73	26.27 -0.56 -1.62	34.10 -0.69 -2.42	41.71 -0.77 -2.86	40.50 -0.77 -2.90	32.91 -0.63 -2.69	25.31 -0.53 -2.40	23.84 -0.51 -1.54	21.69 -0.50 0.00	18.88 -0.51 0.00
SHOEMAKER___GT 23640	15.21 0.93 0.00	16.79 0.96 0.00	14.28 0.75 0.00	18.65 0.95 0.00	18.74 0.88 0.00	22.47 1.13 0.00	24.29 1.24 0.00	30.48 1.75 0.00	24.96 1.49 0.00	24.08 1.39 -0.59	25.91 1.64 0.00	25.42 1.66 0.00	23.49 1.54 0.00	24.28 1.64 0.00	23.64 1.70 0.00	27.14 1.93 0.00	35.01 2.64 0.00	42.77 3.15 0.00	41.41 3.04 0.00	33.26 2.41 0.00	25.20 1.76 0.00	24.50 1.69 0.00	23.82 1.64 0.00	21.12 1.42 -0.31
SHOEMAKR_138KV_BK 111 55601	15.20 0.92 0.00	16.78 0.95 0.00	14.27 0.74 0.00	18.64 0.94 0.00	18.73 0.87 0.00	22.46 1.11 0.00	24.28 1.22 0.00	30.45 1.72 0.00	24.95 1.47 0.00	23.49 1.38 0.00	25.91 1.65 0.00	25.42 1.67 0.00	23.49 1.54 0.00	24.27 1.64 0.00	23.64 1.70 0.00	27.13 1.92 0.00	34.98 2.61 0.00	42.73 3.11 0.00	41.38 3.01 0.00	33.24 2.39 0.00	25.18 1.74 0.00	24.48 1.67 0.00	23.80 1.62 0.00	21.10 1.41 -0.31
SHOREHAM_IC_1 23715	15.35 1.08 0.00	16.86 1.04 0.00	14.30 0.76 0.00	18.72 1.02 0.00	18.71 0.85 0.00	22.40 1.05 0.00	24.23 1.18 0.00	30.35 1.62 0.00	24.96 1.49 0.00	24.26 1.45 -0.70	26.32 2.06 0.00	25.83 2.08 0.00	23.71 1.76 0.00	24.37 1.73 0.00	23.73 1.78 0.00	26.88 1.67 0.00	18.75 1.50 15.12	28.82 1.93 12.74	40.42 2.04 0.00	32.78 1.92 0.00	25.16 1.72 0.00	24.59 1.78 0.00	23.98 1.80 0.00	21.30 1.56 -0.36
SHOREHAM_IC_2 23716	15.35 1.08 0.00	16.86 1.04 0.00	14.30 0.76 0.00	18.72 1.02 0.00	18.71 0.85 0.00	22.40 1.05 0.00	24.23 1.18 0.00	30.35 1.62 0.00	24.96 1.49 0.00	24.26 1.45 -0.70	26.32 2.06 0.00	25.83 2.08 0.00	23.71 1.76 0.00	24.37 1.73 0.00	23.73 1.78 0.00	26.88 1.67 0.00	18.75 1.50 15.12	28.82 1.93 12.74	40.42 2.04 0.00	32.78 1.92 0.00	25.16 1.72 0.00	24.59 1.78 0.00	23.98 1.80 0.00	21.30 1.56 -0.36
SISSONVILLE____ 23735	0.63 0.15 13.80	1.34 0.07 14.56	2.73 0.10 10.91	36.54 0.15 -18.70	43.86 0.26 -25.74	36.01 0.53 -14.13	31.04 0.91 -7.08	30.22 1.48 0.00	24.45 0.97 0.00	22.21 0.29 0.18	24.31 0.04 0.00	23.83 0.07 0.00	21.79 -0.16 0.00	19.26 -0.46 2.93	13.69 -0.49 7.76	43.91 -0.11 -18.81	21.54 -0.13 10.69	79.64 1.59 -38.43	54.12 1.92 -13.82	60.42 1.36 -28.20	39.13 0.84 -14.85	52.51 0.68 -29.02	51.32 0.52 -28.61	46.55 0.39 -26.77
SITHE_IND_GS1 24169	13.84 -0.44 0.00	15.34 -0.48 0.00	13.09 -0.44 0.00	17.11 -0.59 0.00	17.28 -0.58 0.00	20.66 -0.69 0.00	22.28 -0.78 0.00	27.66 -1.08 0.00	22.62 -0.85 0.00	21.32 -0.78 0.00	23.34 -0.92 0.00	22.85 -0.91 0.00	21.16 -0.79 0.00	21.82 -0.82 0.00	21.18 -0.77 0.00	24.32 -0.89 0.00	31.20 -1.17 0.00	38.20 -1.42 0.00	37.02 -1.35 0.00	29.75 -1.10 0.00	22.61 -0.82 0.00	22.02 -0.79 0.00	21.43 -0.75 0.00	18.72 -0.67 0.00
SITHE_IND_GS2 24170	13.84 -0.44 0.00	15.34 -0.48 0.00	13.09 -0.44 0.00	17.11 -0.59 0.00	17.28 -0.58 0.00	20.66 -0.69 0.00	22.28 -0.78 0.00	27.66 -1.08 0.00	22.62 -0.85 0.00	21.32 -0.78 0.00	23.34 -0.92 0.00	22.85 -0.91 0.00	21.16 -0.79 0.00	21.82 -0.82 0.00	21.18 -0.77 0.00	24.32 -0.89 0.00	31.20 -1.17 0.00	38.20 -1.42 0.00	37.02 -1.35 0.00	29.75 -1.10 0.00	22.61 -0.82 0.00	22.02 -0.79 0.00	21.43 -0.75 0.00	18.72 -0.67 0.00
SITHE_IND_GS3 24171	13.84 -0.44 0.00	15.34 -0.48 0.00	13.09 -0.44 0.00	17.11 -0.59 0.00	17.28 -0.58 0.00	20.66 -0.69 0.00	22.28 -0.78 0.00	27.66 -1.08 0.00	22.62 -0.85 0.00	21.32 -0.78 0.00	23.34 -0.92 0.00	22.85 -0.91 0.00	21.16 -0.79 0.00	21.82 -0.82 0.00	21.18 -0.77 0.00	24.32 -0.89 0.00	31.20 -1.17 0.00	38.20 -1.42 0.00	37.02 -1.35 0.00	29.75 -1.10 0.00	22.61 -0.82 0.00	22.02 -0.79 0.00	21.43 -0.75 0.00	18.72 -0.67 0.00
SITHE_IND_GS4 24172	13.84 -0.44 0.00	15.34 -0.48 0.00	13.09 -0.44 0.00	17.11 -0.59 0.00	17.28 -0.58 0.00	20.66 -0.69 0.00	22.28 -0.78 0.00	27.66 -1.08 0.00	22.62 -0.85 0.00	21.32 -0.78 0.00	23.34 -0.92 0.00	22.85 -0.91 0.00	21.16 -0.79 0.00	21.82 -0.82 0.00	21.18 -0.77 0.00	24.32 -0.89 0.00	31.20 -1.17 0.00	38.20 -1.42 0.00	37.02 -1.35 0.00	29.75 -1.10 0.00	22.61 -0.82 0.00	22.02 -0.79 0.00	21.43 -0.75 0.00	18.72 -0.67 0.00

SITHE___BATAVIA 24024	13.70 -0.53 0.04	15.28 -0.55 0.00	12.92 -0.61 0.00	16.83 -0.87 0.00	17.15 -0.70 0.00	20.51 -0.84 0.00	22.35 -0.71 0.00	27.82 -0.92 0.00	22.64 -0.84 0.00	19.73 -0.83 1.54	18.67 -0.87 4.73	20.12 -1.02 2.62	20.83 -1.09 0.03	18.30 -0.79 3.55	16.86 -0.81 4.28	20.39 -0.81 4.01	25.23 -1.17 5.96	31.33 -1.31 6.98	30.08 -1.25 7.05	23.41 -0.89 6.56	16.87 -0.75 5.82	18.32 -0.74 3.75	21.53 -0.65 0.00	18.55 -0.84 0.00
SITHE___INDEPEND 23800	13.84 -0.44 0.00	15.34 -0.48 0.00	13.09 -0.44 0.00	17.11 -0.59 0.00	17.28 -0.58 0.00	20.66 -0.69 0.00	22.28 -0.78 0.00	27.65 -1.09 0.00	22.62 -0.85 0.00	21.32 -0.79 0.00	23.34 -0.93 0.00	22.84 -0.91 0.00	21.16 -0.79 0.00	21.82 -0.82 0.00	21.18 -0.77 0.00	24.32 -0.89 0.00	31.20 -1.17 0.00	38.20 -1.42 0.00	37.02 -1.36 0.00	29.76 -1.10 0.00	22.62 -0.82 0.00	22.02 -0.79 0.00	21.43 -0.75 0.00	18.72 -0.66 0.00
SITHE___MASSENA 23902	-22.76 -0.08 36.95	-22.44 -0.08 38.19	-19.78 0.01 33.32	8.96 0.06 8.80	15.52 0.12 2.45	20.16 0.16 1.35	22.56 0.18 0.67	28.93 0.20 0.00	23.55 0.08 0.00	21.68 0.03 0.46	24.28 0.01 0.00	23.79 0.03 0.00	21.95 0.00 0.00	15.32 -0.03 7.29	1.48 -0.13 20.34	17.04 -0.13 8.05	-13.12 -0.14 45.35	34.20 -0.20 5.22	36.90 -0.17 1.32	28.06 -0.10 2.69	21.94 -0.08 1.42	19.98 -0.07 2.76	19.42 -0.03 2.73	16.81 -0.03 2.55
SITHE___OGDNSBRG 24021	1.13 0.65 13.80	1.89 0.63 14.56	3.20 0.58 10.91	37.17 0.78 -18.70	44.52 0.92 -25.74	36.85 1.38 -14.13	32.10 1.97 -7.08	31.64 2.91 0.00	25.49 2.01 0.00	22.80 0.87 0.18	24.73 0.46 0.00	24.25 0.50 0.00	22.13 0.18 0.00	19.58 -0.14 2.93	13.99 -0.20 7.76	44.42 0.40 -18.81	22.11 0.43 10.69	81.21 3.15 -38.43	55.88 3.69 -13.82	61.84 2.79 -28.20	40.19 1.90 -14.85	53.52 1.69 -29.02	52.24 1.45 -28.61	47.30 1.14 -26.77
SITHE___STERLING 23777	14.55 0.22 -0.06	16.09 0.22 -0.04	13.83 0.16 -0.13	19.14 0.23 -1.22	19.59 0.26 -1.47	22.52 0.37 -0.80	23.96 0.51 -0.40	29.41 0.67 0.00	23.99 0.52 0.00	22.50 0.39 0.00	24.56 0.30 0.00	23.99 0.24 0.00	22.15 0.20 0.00	22.82 0.18 0.00	22.20 0.23 -0.02	26.76 0.33 -1.21	33.37 0.59 -0.41	42.91 1.07 -2.22	40.18 1.02 -0.79	33.19 0.73 -1.61	24.79 0.51 -0.85	24.93 0.46 -1.65	24.22 0.41 -1.63	21.23 0.31 -1.53
SLEIGHT__34_KV_TB1 80719	13.75 -0.49 0.03	15.29 -0.53 0.00	12.99 -0.53 0.00	16.98 -0.72 0.00	17.21 -0.64 0.00	20.59 -0.76 0.00	22.34 -0.71 0.00	27.82 -0.92 0.00	22.69 -0.79 0.00	21.33 -0.77 0.00	23.39 -0.87 0.00	22.85 -0.90 0.00	21.14 -0.81 0.00	21.86 -0.78 0.00	21.19 -0.76 0.00	24.42 -0.80 0.00	31.32 -1.05 0.00	38.31 -1.31 0.00	37.13 -1.25 0.00	29.89 -0.97 0.00	22.65 -0.79 0.00	22.06 -0.76 0.00	21.51 -0.67 0.00	18.66 -0.73 0.00
SOUTH CAIRO___GT 23612	14.97 0.78 0.09	16.66 0.83 0.00	14.20 0.67 0.00	18.55 0.86 0.00	18.70 0.84 0.00	22.41 1.10 0.03	24.34 1.28 0.00	30.37 1.64 0.00	24.66 1.19 0.00	11.98 1.00 11.13	25.05 0.79 0.00	24.53 0.77 0.00	22.71 0.76 0.00	23.44 0.80 0.00	22.71 0.76 0.00	26.18 0.96 0.00	33.82 1.46 0.00	41.90 2.28 0.00	40.79 2.41 0.00	32.73 1.87 0.00	24.90 1.46 0.00	24.19 1.37 0.00	23.42 1.24 0.00	15.05 1.07 5.41
SOUTH HAMPTN___IC 23720	15.29 1.02 0.00	16.80 0.97 0.00	14.25 0.72 0.00	18.68 0.99 0.00	18.66 0.80 0.00	22.34 0.99 0.00	24.17 1.11 0.00	30.27 1.53 0.00	24.89 1.42 0.00	24.21 1.41 -0.70	26.32 2.05 0.00	25.85 2.10 0.00	23.75 1.80 0.00	24.41 1.77 0.00	23.73 1.78 0.00	26.90 1.69 0.00	18.98 1.75 15.14	28.81 1.94 12.76	40.41 2.03 0.00	32.73 1.88 0.00	25.09 1.65 0.00	24.52 1.71 0.00	23.90 1.72 0.00	21.22 1.48 -0.36
SOUTHDOW_115KV_TB1 355954	13.62 -0.59 0.06	15.24 -0.58 0.00	12.90 -0.63 0.00	16.85 -0.84 0.00	17.15 -0.70 0.00	20.47 -0.89 0.00	22.32 -0.73 0.00	27.87 -0.86 0.00	22.73 -0.75 0.00	19.80 -0.64 1.67	18.62 -0.52 5.13	20.33 -0.59 2.84	21.26 -0.66 0.03	18.37 -0.55 3.73	16.84 -0.61 4.50	20.28 -0.72 4.21	24.99 -1.10 6.27	31.09 -1.23 7.30	29.68 -1.35 7.34	22.83 -1.20 6.82	16.34 -1.02 6.08	18.04 -0.87 3.90	21.41 -0.77 0.00	18.44 -0.95 0.00
SOUTHOLD_69_KV_BK 2 55809	15.11 0.83 0.00	16.58 0.76 0.00	14.08 0.55 0.00	18.53 0.83 0.00	18.48 0.62 0.00	22.10 0.74 0.00	23.93 0.88 0.00	29.96 1.23 0.00	24.63 1.16 0.00	24.00 1.20 -0.70	26.15 1.89 0.00	25.77 2.02 0.00	23.68 1.73 0.00	24.33 1.69 0.00	23.58 1.64 0.00	26.73 1.51 0.00	18.76 1.53 15.14	28.47 1.60 12.75	40.10 1.73 0.00	32.46 1.61 0.00	24.87 1.43 0.00	24.27 1.46 0.00	23.64 1.46 0.00	20.97 1.23 -0.36
SOUTHOLD___IC 23719	15.11 0.83 0.00	16.59 0.76 0.00	14.09 0.56 0.00	18.53 0.83 0.00	18.48 0.62 0.00	22.10 0.74 0.00	23.93 0.88 0.00	29.97 1.23 0.00	24.64 1.16 0.00	24.01 1.20 -0.70	26.14 1.88 0.00	25.76 2.00 0.00	23.68 1.73 0.00	24.33 1.69 0.00	23.58 1.64 0.00	26.73 1.52 0.00	18.76 1.53 15.14	28.47 1.60 12.75	40.08 1.71 0.00	32.46 1.60 0.00	24.87 1.43 0.00	24.27 1.46 0.00	23.64 1.46 0.00	20.98 1.23 -0.36
SOUTH_FORK_WT_PWR 323839	14.87 0.59 0.00	16.33 0.51 0.00	13.88 0.35 0.00	18.29 0.60 0.00	18.22 0.36 0.00	21.76 0.41 0.00	23.57 0.52 0.00	29.49 0.76 0.00	24.26 0.78 0.00	23.67 0.87 -0.70	25.83 1.57 0.00	25.51 1.76 0.00	23.47 1.52 0.00	24.09 1.45 0.00	23.30 1.35 0.00	26.39 1.18 0.00	18.29 1.05 15.14	27.83 0.97 12.75	39.45 1.08 0.00	31.94 1.08 0.00	24.49 1.05 0.00	23.91 1.09 0.00	23.28 1.09 0.00	20.66 0.91 -0.36
SPIERFLS_115KV_TB 1 80737	15.01 0.69 -0.05	16.53 0.70 0.00	14.12 0.59 0.00	18.44 0.74 0.00	18.59 0.74 0.00	22.34 0.97 -0.02	24.17 1.12 0.00	30.25 1.52 0.00	24.72 1.25 0.00	29.74 1.07 -6.56	25.22 0.96 0.00	24.61 0.86 0.00	22.59 0.64 0.00	23.33 0.69 0.00	22.74 0.80 0.00	26.36 1.14 0.00	33.85 1.48 0.00	41.62 2.00 0.00	40.34 1.97 0.00	32.33 1.48 0.00	24.60 1.16 0.00	23.94 1.13 0.00	23.32 1.13 0.00	23.48 0.99 -3.10
ST LAWRENCE____ 23600	-22.89 -0.22 36.95	-22.59 -0.22 38.19	-19.90 -0.12 33.32	8.79 -0.10 8.80	15.35 -0.06 2.45	19.95 -0.05 1.35	22.33 -0.05 0.67	28.65 -0.09 0.00	23.33 -0.14 0.00	21.47 -0.18 0.46	24.05 -0.21 0.00	23.56 -0.19 0.00	21.74 -0.21 0.00	15.10 -0.24 7.29	1.26 -0.35 20.34	16.79 -0.37 8.05	-13.44 -0.45 45.35	33.81 -0.59 5.22	36.53 -0.53 1.32	27.77 -0.40 2.69	21.72 -0.31 1.42	19.77 -0.28 2.76	19.21 -0.25 2.73	16.62 -0.22 2.55
STATE_CA_115KV_115_LB 55624	14.76 0.45 -0.03	16.30 0.48 0.00	13.89 0.36 0.00	18.14 0.45 0.00	18.27 0.41 0.00	21.88 0.52 -0.01	23.63 0.58 0.00	29.44 0.70 0.00	24.00 0.52 0.00	24.80 0.60 -2.10	24.94 0.68 0.00	24.43 0.68 0.00	22.57 0.62 0.00	23.33 0.69 0.00	22.71 0.76 0.00	26.07 0.86 0.00	33.46 1.09 0.00	40.97 1.35 0.00	39.66 1.29 0.00	31.86 1.01 0.00	24.23 0.79 0.00	23.56 0.75 0.00	22.86 0.68 0.00	21.66 0.64 -1.63

STATE_ST_34_KV_LOAD 55959	14.08 -0.18 0.02	15.63 -0.19 0.00	13.33 -0.20 0.00	17.42 -0.28 0.00	17.61 -0.25 0.00	21.06 -0.30 0.00	22.80 -0.25 0.00	28.40 -0.33 0.00	23.19 -0.29 0.00	21.79 -0.31 0.00	23.84 -0.42 0.00	23.30 -0.45 0.00	21.58 -0.37 0.00	22.30 -0.33 0.00	21.62 -0.32 0.00	24.89 -0.32 0.00	32.05 -0.32 0.00	39.24 -0.38 0.00	38.02 -0.36 0.00	30.57 -0.29 0.00	23.19 -0.25 0.00	22.56 -0.25 0.00	21.96 -0.23 0.00	19.13 -0.26 0.00
STATION 5_MISC_HYD 23604	13.73 -0.51 0.03	15.28 -0.54 0.00	12.96 -0.57 0.00	16.90 -0.80 0.00	17.17 -0.69 0.00	20.51 -0.84 0.00	22.27 -0.79 0.00	27.69 -1.05 0.00	22.58 -0.90 0.00	21.25 -0.86 0.00	23.36 -0.90 0.00	22.81 -0.94 0.00	21.06 -0.89 0.00	21.80 -0.84 0.00	21.11 -0.83 0.00	24.30 -0.92 0.00	31.09 -1.28 0.00	38.10 -1.52 0.00	36.94 -1.44 0.00	29.77 -1.09 0.00	22.55 -0.89 0.00	21.96 -0.85 0.00	21.46 -0.72 0.00	18.58 -0.81 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	13.88 -0.36 0.04	15.44 -0.38 0.00	13.12 -0.41 0.00	17.15 -0.55 0.00	17.38 -0.48 0.00	20.79 -0.56 0.00	22.67 -0.38 0.00	28.34 -0.40 0.00	23.11 -0.36 0.00	21.71 -0.40 0.00	23.82 -0.45 0.00	23.26 -0.50 0.00	21.52 -0.43 0.00	22.28 -0.36 0.00	21.60 -0.35 0.00	24.88 -0.33 0.00	31.92 -0.44 0.00	39.08 -0.54 0.00	37.85 -0.53 0.00	30.43 -0.42 0.00	23.06 -0.38 0.00	22.45 -0.37 0.00	21.86 -0.33 0.00	18.97 -0.42 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.68 -0.56 0.03	15.22 -0.60 0.00	12.92 -0.62 0.00	16.86 -0.84 0.00	17.11 -0.75 0.00	20.44 -0.91 0.00	22.18 -0.87 0.00	27.58 -1.16 0.00	22.49 -0.98 0.00	21.15 -0.95 0.00	23.22 -1.04 0.00	22.68 -1.08 0.00	20.98 -0.97 0.00	21.70 -0.94 0.00	21.02 -0.92 0.00	24.19 -1.02 0.00	30.96 -1.41 0.00	37.91 -1.71 0.00	36.75 -1.62 0.00	29.62 -1.23 0.00	22.44 -1.00 0.00	21.85 -0.96 0.00	21.38 -0.81 0.00	18.50 -0.88 0.00
STA_56__34_KV_BUS2 355983	13.68 -0.56 0.03	15.22 -0.60 0.00	12.92 -0.62 0.00	16.86 -0.84 0.00	17.11 -0.75 0.00	20.44 -0.91 0.00	22.18 -0.87 0.00	27.58 -1.16 0.00	22.49 -0.98 0.00	21.15 -0.95 0.00	23.22 -1.04 0.00	22.68 -1.08 0.00	20.98 -0.97 0.00	21.70 -0.94 0.00	21.02 -0.92 0.00	24.19 -1.02 0.00	30.96 -1.41 0.00	37.91 -1.71 0.00	36.75 -1.62 0.00	29.62 -1.23 0.00	22.44 -1.00 0.00	21.85 -0.96 0.00	21.38 -0.81 0.00	18.50 -0.88 0.00
STA_67__115KV_BK2 355882	13.69 -0.55 0.03	15.25 -0.57 0.00	12.93 -0.60 0.00	16.87 -0.83 0.00	17.14 -0.72 0.00	20.47 -0.88 0.00	22.23 -0.83 0.00	27.63 -1.11 0.00	22.53 -0.94 0.00	21.19 -0.92 0.00	23.27 -1.00 0.00	22.72 -1.03 0.00	21.02 -0.93 0.00	21.74 -0.90 0.00	21.05 -0.90 0.00	24.22 -0.99 0.00	31.00 -1.37 0.00	37.96 -1.66 0.00	36.81 -1.57 0.00	29.67 -1.19 0.00	22.47 -0.97 0.00	21.89 -0.92 0.00	21.42 -0.76 0.00	18.53 -0.85 0.00
STA_7__115KV_9TRANS 80674	13.78 -0.46 0.03	15.34 -0.48 0.00	13.00 -0.53 0.00	16.96 -0.73 0.00	17.23 -0.62 0.00	20.60 -0.75 0.00	22.36 -0.69 0.00	27.82 -0.92 0.00	22.68 -0.79 0.00	21.33 -0.78 0.00	23.43 -0.83 0.00	22.88 -0.87 0.00	21.17 -0.78 0.00	21.91 -0.73 0.00	21.22 -0.73 0.00	24.42 -0.79 0.00	31.26 -1.11 0.00	38.29 -1.33 0.00	37.13 -1.25 0.00	29.91 -0.94 0.00	22.66 -0.79 0.00	22.06 -0.75 0.00	21.58 -0.60 0.00	18.66 -0.72 0.00
STA_82__115KV_TB1 80780	13.70 -0.54 0.03	15.26 -0.57 0.00	12.94 -0.60 0.00	16.87 -0.82 0.00	17.14 -0.72 0.00	20.48 -0.87 0.00	22.23 -0.83 0.00	27.64 -1.10 0.00	22.54 -0.94 0.00	21.20 -0.91 0.00	23.27 -1.00 0.00	22.72 -1.03 0.00	21.02 -0.93 0.00	21.74 -0.90 0.00	21.06 -0.89 0.00	24.23 -0.98 0.00	31.00 -1.37 0.00	37.98 -1.65 0.00	36.82 -1.56 0.00	29.68 -1.17 0.00	22.49 -0.96 0.00	21.90 -0.91 0.00	21.43 -0.75 0.00	18.54 -0.85 0.00
STEEL__WIND 323596	13.42 -0.80 0.06	15.01 -0.81 0.00	12.69 -0.84 0.00	16.55 -1.15 0.00	16.84 -1.01 0.00	20.10 -1.25 0.00	21.87 -1.18 0.00	27.18 -1.56 0.00	22.11 -1.37 0.00	17.85 -1.22 3.03	13.82 -1.14 9.30	17.33 -1.28 5.15	20.57 -1.32 0.06	14.43 -1.23 6.98	12.30 -1.23 8.42	15.94 -1.39 7.89	18.66 -1.96 11.75	23.50 -2.33 13.78	22.21 -2.24 13.92	16.21 -1.70 12.93	10.54 -1.37 11.53	14.10 -1.32 7.39	21.02 -1.17 0.00	18.13 -1.26 0.00
STEPHTWN_115KV_BK_2 55603	14.62 0.51 0.17	16.34 0.52 0.00	13.93 0.40 0.00	18.20 0.51 0.00	18.33 0.47 0.00	21.90 0.61 0.07	23.75 0.70 0.00	29.54 0.81 0.00	24.03 0.56 0.00	1.40 0.66 21.37	25.02 0.76 0.00	24.53 0.78 0.00	22.63 0.68 0.00	23.42 0.78 0.00	22.76 0.82 0.00	26.23 1.02 0.00	33.58 1.22 0.00	41.15 1.53 0.00	39.80 1.43 0.00	32.01 1.16 0.00	24.32 0.88 0.00	23.69 0.88 0.00	22.95 0.78 0.01	9.61 0.71 10.49
STEUBEN_REC_LFGE 323667	13.06 -1.05 0.18	14.71 -1.11 0.00	12.50 -1.03 0.00	16.44 -1.26 0.00	16.66 -1.20 0.00	19.85 -1.50 0.00	21.61 -1.45 0.00	27.07 -1.67 0.00	22.02 -1.45 0.00	26.99 -1.53 -6.42	42.31 -1.65 -19.70	32.80 -1.87 -10.91	20.32 -1.75 -0.12	35.89 -1.81 -15.06	38.38 -1.74 -18.17	40.39 -1.85 -17.02	55.49 -2.26 -25.38	67.23 -2.30 -29.92	66.38 -2.28 -30.28	57.06 -1.91 -28.11	46.95 -1.60 -25.11	37.27 -1.60 -16.06	20.50 -1.68 0.00	17.82 -1.57 0.00
STILLWATER__SOLAR 323814	15.09 0.76 -0.06	16.61 0.78 0.00	14.17 0.64 0.00	18.51 0.81 0.00	18.66 0.80 0.00	22.39 1.02 -0.02	24.21 1.16 0.00	30.28 1.55 0.00	24.74 1.26 0.00	31.01 1.09 -7.82	25.32 1.05 0.00	24.72 0.96 0.00	22.76 0.81 0.00	23.52 0.88 0.00	22.93 0.98 0.00	26.49 1.28 0.00	34.03 1.66 0.00	41.82 2.20 0.00	40.51 2.14 0.00	32.52 1.66 0.00	24.75 1.31 0.00	24.07 1.26 0.00	23.39 1.21 0.00	24.06 1.07 -3.61
STONY__BROOK 24151	15.34 1.07 0.00	16.86 1.04 0.00	14.29 0.75 0.00	18.70 1.00 0.00	18.69 0.83 0.00	22.37 1.02 0.00	24.17 1.12 0.00	30.29 1.56 0.00	24.91 1.44 0.00	24.24 1.44 -0.70	26.34 2.08 0.00	25.84 2.09 0.00	23.70 1.75 0.00	24.38 1.74 0.00	23.75 1.81 0.00	27.03 1.81 0.00	19.44 2.15 15.08	29.19 2.28 12.70	40.71 2.34 0.00	32.87 2.02 0.00	25.10 1.66 0.00	24.54 1.73 0.00	23.92 1.74 0.00	21.27 1.52 -0.36
STURGEON_POOL_HYD 23609	15.03 0.78 0.02	16.60 0.78 0.00	14.13 0.60 0.00	18.45 0.75 0.00	18.53 0.67 0.00	22.17 0.83 0.01	23.94 0.88 0.00	30.07 1.33 0.00	24.68 1.21 0.00	20.92 1.22 2.41	25.79 1.52 0.00	25.29 1.54 0.00	23.37 1.42 0.00	24.14 1.50 0.00	23.56 1.61 0.00	26.98 1.77 0.00	34.62 2.26 0.00	42.16 2.54 0.00	40.80 2.42 0.00	32.81 1.96 0.00	24.86 1.42 0.00	24.18 1.36 0.00	23.32 1.15 0.00	19.15 0.99 1.22
ST_LAW_115_BK7_LBMP 345037	-22.89 -0.22 36.95	-22.59 -0.22 38.19	-19.90 -0.12 33.32	8.79 -0.10 8.80	15.35 -0.06 2.45	19.95 -0.05 1.35	22.33 -0.05 0.67	28.65 -0.09 0.00	23.33 -0.14 0.00	21.47 -0.18 0.46	24.05 -0.21 0.00	23.56 -0.19 0.00	21.74 -0.21 0.00	15.10 -0.24 7.29	1.26 -0.35 20.34	16.79 -0.37 8.05	-13.44 -0.45 45.35	33.81 -0.59 5.22	36.53 -0.52 1.32	27.77 -0.40 2.69	21.72 -0.30 1.42	19.77 -0.27 2.76	19.22 -0.24 2.73	16.62 -0.21 2.55

ST_LAW_115_BK8_LBMP 345038	-22.89 -0.22 36.95	-22.59 -0.22 38.19	-19.90 -0.12 33.32	8.79 -0.10 8.80	15.35 -0.06 2.45	19.95 -0.05 1.35	22.33 -0.05 0.67	28.65 -0.09 0.00	23.33 -0.14 0.00	21.47 -0.18 0.46	24.05 -0.21 0.00	23.56 -0.19 0.00	21.74 -0.21 0.00	15.10 -0.24 7.29	1.26 -0.35 20.34	16.79 -0.37 8.05	-13.44 -0.45 45.35	33.81 -0.59 5.22	36.53 -0.52 1.32	27.77 -0.40 2.69	21.72 -0.30 1.42	19.77 -0.27 2.76	19.22 -0.24 2.73	16.62 -0.21 2.55
ST_LAW_230_BK5_LBMP 345035	-22.89 -0.22 36.95	-22.59 -0.22 38.19	-19.90 -0.12 33.32	8.79 -0.10 8.80	15.35 -0.06 2.45	19.95 -0.05 1.35	22.33 -0.05 0.67	28.65 -0.09 0.00	23.33 -0.14 0.00	21.47 -0.18 0.46	24.05 -0.21 0.00	23.56 -0.19 0.00	21.74 -0.21 0.00	15.10 -0.24 7.29	1.26 -0.35 20.34	16.79 -0.37 8.05	-13.44 -0.45 45.35	33.81 -0.59 5.22	36.53 -0.53 1.32	27.77 -0.40 2.69	21.72 -0.31 1.42	19.77 -0.28 2.76	19.21 -0.25 2.73	16.62 -0.22 2.55
ST_LAW_230_BK6_LBMP 345036	-22.89 -0.22 36.95	-22.59 -0.22 38.19	-19.90 -0.12 33.32	8.79 -0.10 8.80	15.35 -0.06 2.45	19.95 -0.05 1.35	22.33 -0.05 0.67	28.65 -0.09 0.00	23.33 -0.14 0.00	21.47 -0.18 0.46	24.05 -0.21 0.00	23.56 -0.19 0.00	21.74 -0.21 0.00	15.10 -0.24 7.29	1.26 -0.35 20.34	16.79 -0.37 8.05	-13.44 -0.45 45.35	33.81 -0.59 5.22	36.53 -0.53 1.32	27.77 -0.40 2.69	21.72 -0.31 1.42	19.77 -0.28 2.76	19.21 -0.25 2.73	16.62 -0.22 2.55
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	15.08 0.81 0.00	16.65 0.83 0.00	14.17 0.64 0.00	18.51 0.81 0.00	18.59 0.73 0.00	22.29 0.93 0.00	24.06 1.01 0.00	30.18 1.44 0.00	24.72 1.25 0.00	23.93 1.23 -0.59	25.80 1.54 0.00	25.32 1.56 0.00	23.40 1.44 0.00	24.16 1.51 0.00	23.53 1.59 0.00	26.97 1.76 0.00	34.68 2.31 0.00	42.33 2.71 0.00	40.98 2.60 0.00	32.91 2.06 0.00	24.93 1.49 0.00	24.25 1.43 0.00	23.58 1.40 0.00	20.93 1.23 -0.31
SWANROAD_115KV_TB1 355699	13.02 -1.20 0.05	14.58 -1.25 0.00	12.30 -1.23 0.00	16.04 -1.66 0.00	16.38 -1.47 0.00	19.52 -1.83 0.00	21.20 -1.85 0.00	26.26 -2.47 0.00	21.36 -2.12 0.00	17.92 -1.87 2.32	15.32 -1.82 7.12	17.84 -1.97 3.94	19.85 -2.06 0.04	15.46 -1.82 5.36	13.66 -1.82 6.46	17.12 -2.04 6.06	20.53 -2.86 8.98	25.56 -3.53 10.53	24.40 -3.34 10.64	18.51 -2.44 9.90	12.72 -1.95 8.76	15.26 -1.88 5.67	20.44 -1.74 0.00	17.59 -1.80 0.00
SYNERGY___BIOGAS 323694	13.70 -0.53 0.04	15.28 -0.55 0.00	12.92 -0.61 0.00	16.83 -0.87 0.00	17.15 -0.70 0.00	20.51 -0.84 0.00	22.35 -0.71 0.00	27.82 -0.92 0.00	22.64 -0.84 0.00	19.73 -0.83 1.54	18.67 -0.87 4.73	20.12 -1.02 2.62	20.83 -1.09 0.03	18.30 -0.79 3.55	16.86 -0.81 4.28	20.39 -0.81 4.01	25.23 -1.17 5.96	31.33 -1.31 6.98	30.08 -1.25 7.05	23.41 -0.89 6.56	16.87 -0.75 5.82	18.32 -0.74 3.75	21.53 -0.65 0.00	18.55 -0.84 0.00
SYRACUSE___ENERGY_ST1 323597	14.12 -0.16 0.00	15.64 -0.18 0.00	13.34 -0.18 0.00	17.44 -0.25 0.00	17.62 -0.24 0.00	21.07 -0.28 0.00	22.78 -0.27 0.00	28.36 -0.38 0.00	23.17 -0.31 0.00	21.80 -0.31 0.00	23.88 -0.38 0.00	23.36 -0.39 0.00	21.63 -0.32 0.00	22.32 -0.32 0.00	21.66 -0.28 0.00	24.92 -0.30 0.00	32.03 -0.34 0.00	39.24 -0.38 0.00	38.01 -0.37 0.00	30.54 -0.31 0.00	23.19 -0.25 0.00	22.56 -0.25 0.00	21.94 -0.24 0.00	19.14 -0.25 0.00
SYRACUSE___ENERGY_ST2 323598	14.12 -0.16 0.00	15.64 -0.18 0.00	13.34 -0.18 0.00	17.44 -0.25 0.00	17.62 -0.24 0.00	21.07 -0.28 0.00	22.78 -0.27 0.00	28.36 -0.38 0.00	23.17 -0.31 0.00	21.80 -0.31 0.00	23.88 -0.38 0.00	23.36 -0.39 0.00	21.63 -0.32 0.00	22.32 -0.32 0.00	21.66 -0.28 0.00	24.92 -0.30 0.00	32.03 -0.34 0.00	39.24 -0.38 0.00	38.01 -0.37 0.00	30.54 -0.31 0.00	23.19 -0.25 0.00	22.56 -0.25 0.00	21.94 -0.24 0.00	19.14 -0.25 0.00
SYRACUSE___POWER 24017	14.14 -0.15 -0.01	15.66 -0.17 0.00	13.35 -0.18 0.00	17.45 -0.24 0.00	17.63 -0.23 0.00	21.08 -0.27 0.00	22.79 -0.26 0.00	28.38 -0.36 0.00	23.20 -0.28 0.00	21.83 -0.28 0.00	23.91 -0.35 0.00	23.39 -0.36 0.00	21.66 -0.30 0.00	22.34 -0.30 0.00	21.69 -0.26 0.00	24.95 -0.27 0.00	32.08 -0.29 0.00	39.31 -0.31 0.00	38.08 -0.30 0.00	30.59 -0.26 0.00	23.22 -0.22 0.00	22.60 -0.22 0.00	21.97 -0.21 0.00	19.16 -0.23 0.00
TALLMAN___138KV_BK151 55660	15.10 0.82 0.00	16.67 0.84 0.00	14.18 0.65 0.00	18.51 0.82 0.00	18.59 0.73 0.00	22.29 0.94 0.00	24.04 0.99 0.00	30.17 1.44 0.00	24.73 1.25 0.00	24.01 1.27 -0.63	25.90 1.63 0.00	25.42 1.67 0.00	23.50 1.54 0.00	24.27 1.63 0.00	23.64 1.70 0.00	27.05 1.84 0.00	34.74 2.37 0.00	42.36 2.74 0.00	41.00 2.62 0.00	32.93 2.08 0.00	24.94 1.50 0.00	24.26 1.45 0.00	23.60 1.42 0.00	20.98 1.26 -0.33
TEALLAVE_115KV_TB7 355573	14.06 -0.21 0.00	15.59 -0.23 0.00	13.29 -0.24 0.00	17.37 -0.32 0.00	17.55 -0.30 0.00	20.99 -0.36 0.00	22.68 -0.37 0.00	28.23 -0.51 0.00	23.08 -0.40 0.00	21.72 -0.38 0.00	23.80 -0.46 0.00	23.29 -0.46 0.00	21.56 -0.39 0.00	22.24 -0.40 0.00	21.60 -0.35 0.00	24.84 -0.37 0.00	31.90 -0.46 0.00	39.08 -0.54 0.00	37.85 -0.52 0.00	30.42 -0.44 0.00	23.09 -0.35 0.00	22.47 -0.34 0.00	21.86 -0.33 0.00	19.06 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	13.39 -0.84 0.05	14.96 -0.86 0.00	12.64 -0.89 0.00	16.47 -1.22 0.00	16.81 -1.05 0.00	20.06 -1.29 0.00	21.83 -1.23 0.00	27.11 -1.62 0.00	22.06 -1.42 0.00	18.90 -1.30 1.91	17.11 -1.30 5.86	19.07 -1.44 3.24	20.45 -1.46 0.04	16.97 -1.26 4.40	15.36 -1.27 5.32	18.85 -1.38 4.98	23.00 -1.97 7.40	28.53 -2.41 8.68	27.33 -2.28 8.76	21.05 -1.65 8.15	14.85 -1.35 7.24	16.86 -1.29 4.66	21.04 -1.14 0.00	18.11 -1.28 0.00
TEMPLE___115KV_TB 2 55572	14.07 -0.20 0.00	15.59 -0.23 0.00	13.30 -0.23 0.00	17.38 -0.31 0.00	17.56 -0.29 0.00	20.99 -0.36 0.00	22.69 -0.36 0.00	28.24 -0.50 0.00	23.09 -0.39 0.00	21.74 -0.37 0.00	23.82 -0.45 0.00	23.31 -0.45 0.00	21.58 -0.37 0.00	22.26 -0.38 0.00	21.62 -0.33 0.00	24.86 -0.35 0.00	31.94 -0.43 0.00	39.11 -0.51 0.00	37.88 -0.50 0.00	30.44 -0.41 0.00	23.11 -0.33 0.00	22.49 -0.33 0.00	21.86 -0.32 0.00	19.08 -0.31 0.00
TIANA____69_KV_BK 1 55817	15.34 1.07 0.00	16.84 1.02 0.00	14.28 0.75 0.00	18.72 1.02 0.00	18.70 0.85 0.00	22.39 1.04 0.00	24.23 1.18 0.00	30.35 1.61 0.00	24.95 1.47 0.00	24.26 1.46 -0.70	26.36 2.10 0.00	25.89 2.13 0.00	23.76 1.81 0.00	24.43 1.78 0.00	23.76 1.81 0.00	26.94 1.73 0.00	19.05 1.82 15.14	28.92 2.06 12.75	40.53 2.15 0.00	32.82 1.97 0.00	25.16 1.72 0.00	24.58 1.77 0.00	23.97 1.78 0.00	21.28 1.53 -0.36
TILDEN___115KV_TB1 80814	14.14 -0.15 -0.01	15.66 -0.17 0.00	13.35 -0.18 0.00	17.45 -0.24 0.00	17.63 -0.23 0.00	21.08 -0.27 0.00	22.79 -0.26 0.00	28.38 -0.36 0.00	23.20 -0.28 0.00	21.83 -0.28 0.00	23.91 -0.35 0.00	23.39 -0.36 0.00	21.66 -0.30 0.00	22.34 -0.30 0.00	21.69 -0.26 0.00	24.95 -0.27 0.00	32.08 -0.29 0.00	39.31 -0.31 0.00	38.08 -0.30 0.00	30.59 -0.26 0.00	23.22 -0.22 0.00	22.60 -0.22 0.00	21.97 -0.21 0.00	19.16 -0.23 0.00

TRIGEN___CC 323695	15.20 0.92 0.00	16.71 0.89 0.00	14.19 0.66 0.00	18.56 0.86 0.00	18.59 0.73 0.00	22.28 0.93 0.00	24.04 0.99 0.00	30.15 1.41 0.00	24.75 1.27 0.00	24.12 1.31 -0.70	26.13 1.87 0.00	25.62 1.87 0.00	23.58 1.63 0.00	24.32 1.68 0.00	23.67 1.73 0.00	27.02 1.81 0.00	31.83 2.24 2.79	39.93 2.50 2.19	40.88 2.51 0.00	32.87 2.02 0.00	25.01 1.57 0.00	24.37 1.56 0.00	23.71 1.52 0.00	21.09 1.34 -0.36
TRINITY___115KV___4 BK 55933	14.66 0.41 0.03	16.25 0.43 0.00	13.85 0.32 0.00	18.10 0.40 0.00	18.22 0.36 0.00	21.80 0.46 0.01	23.55 0.50 0.00	29.37 0.63 0.00	23.96 0.48 0.00	16.54 0.51 6.08	24.85 0.59 0.00	24.34 0.59 0.00	22.49 0.54 0.00	23.24 0.60 0.00	22.62 0.68 0.00	25.97 0.75 0.00	33.30 0.93 0.00	40.78 1.16 0.00	39.48 1.11 0.00	31.73 0.88 0.00	24.13 0.69 0.00	23.47 0.66 0.00	22.79 0.61 0.00	18.30 0.58 1.67
UNION___PROCESSING_DRP 323587	13.70 -0.54 0.03	15.26 -0.57 0.00	12.94 -0.59 0.00	16.88 -0.82 0.00	17.14 -0.71 0.00	20.48 -0.87 0.00	22.23 -0.82 0.00	27.64 -1.09 0.00	22.54 -0.93 0.00	21.20 -0.91 0.00	23.27 -1.00 0.00	22.72 -1.03 0.00	21.02 -0.93 0.00	21.74 -0.90 0.00	21.06 -0.88 0.00	24.24 -0.98 0.00	31.01 -1.36 0.00	37.99 -1.63 0.00	36.83 -1.55 0.00	29.69 -1.17 0.00	22.49 -0.95 0.00	21.90 -0.91 0.00	21.44 -0.75 0.00	18.55 -0.84 0.00
UPPER HUDSON___HYD 24058	15.01 0.69 -0.05	16.53 0.70 0.00	14.12 0.59 0.00	18.44 0.74 0.00	18.60 0.74 0.00	22.34 0.97 -0.02	24.18 1.12 0.00	30.25 1.52 0.00	24.72 1.25 0.00	29.74 1.07 -6.56	25.22 0.95 0.00	24.61 0.85 0.00	22.59 0.64 0.00	23.33 0.69 0.00	22.74 0.80 0.00	26.36 1.15 0.00	33.85 1.48 0.00	41.62 2.00 0.00	40.34 1.97 0.00	32.33 1.48 0.00	24.61 1.17 0.00	23.94 1.13 0.00	23.32 1.13 0.00	23.48 1.00 -3.10
UPPER RAQUET___HYD 24056	0.63 0.15 13.80	1.34 0.07 14.56	2.73 0.11 10.91	36.54 0.15 -18.70	43.86 0.26 -25.74	36.01 0.53 -14.13	31.04 0.91 -7.08	30.22 1.48 0.00	24.45 0.97 0.00	22.21 0.29 0.18	24.31 0.04 0.00	23.83 0.07 0.00	21.78 -0.16 0.00	19.26 -0.46 2.93	13.69 -0.49 7.76	43.91 -0.11 -18.81	21.54 -0.13 10.69	79.64 1.59 -38.43	54.11 1.92 -13.82	60.42 1.36 -28.20	39.13 0.84 -14.85	52.52 0.68 -29.02	51.32 0.52 -28.61	46.55 0.39 -26.77
VALLEY44_115KV_TB2 355964	13.71 -0.50 0.07	15.33 -0.49 0.00	12.99 -0.54 0.00	16.97 -0.73 0.00	17.25 -0.61 0.00	20.56 -0.79 0.00	22.38 -0.68 0.00	27.87 -0.87 0.00	22.73 -0.75 0.00	20.20 -0.56 1.35	19.72 -0.39 4.15	20.93 -0.52 2.30	21.41 -0.51 0.02	19.34 -0.39 2.92	17.97 -0.46 3.52	21.39 -0.53 3.30	26.66 -0.80 4.91	33.08 -0.87 5.67	31.83 -0.85 5.69	24.83 -0.74 5.29	18.00 -0.73 4.71	19.18 -0.61 3.02	21.60 -0.58 0.00	18.61 -0.77 0.00
VALLEY___115KV_TB 1-4 80826	16.46 0.16 -2.03	18.12 0.20 -2.10	15.50 0.14 -1.82	18.23 0.16 -0.37	17.97 0.11 0.00	21.50 0.15 0.00	23.23 0.18 0.00	29.06 0.33 0.00	23.70 0.22 0.00	22.28 0.15 -0.03	24.35 0.09 0.00	23.77 0.01 0.00	21.96 0.01 0.00	22.99 -0.05 -0.40	23.08 0.01 -1.12	25.62 0.08 -0.33	35.11 0.29 -2.46	40.37 0.67 -0.08	38.88 0.50 0.00	31.22 0.37 0.00	23.84 0.41 0.00	23.16 0.34 0.00	22.39 0.21 0.00	19.54 0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	14.74 0.46 0.00	16.34 0.52 0.00	13.94 0.41 0.00	18.24 0.54 0.00	18.37 0.51 0.00	21.94 0.59 0.00	23.75 0.69 0.00	29.68 0.95 0.00	24.24 0.77 0.00	22.83 0.73 0.00	25.13 0.87 0.00	24.61 0.86 0.00	22.73 0.78 0.00	23.43 0.79 0.00	22.75 0.81 0.00	26.14 0.93 0.00	33.64 1.27 0.00	41.14 1.52 0.00	39.81 1.43 0.00	31.99 1.14 0.00	24.27 0.83 0.00	23.59 0.77 0.00	22.90 0.72 0.00	19.98 0.59 0.00
VISCHER___FERRY HYD 24020	15.00 0.64 -0.09	16.48 0.65 0.00	14.04 0.51 0.00	18.35 0.65 0.00	18.48 0.62 0.00	22.19 0.81 -0.03	23.94 0.89 0.00	29.98 1.24 0.00	24.50 1.03 0.00	34.95 0.93 -11.92	25.20 0.94 0.00	24.64 0.88 0.00	22.71 0.76 0.00	23.46 0.82 0.00	22.88 0.93 0.00	26.34 1.12 0.00	33.74 1.37 0.00	41.40 1.78 0.00	40.09 1.72 0.00	32.21 1.36 0.00	24.53 1.09 0.00	23.87 1.05 0.00	23.19 1.01 0.00	25.59 0.91 -5.29
V_A_10_SYNC_DSASP 323832	13.34 -0.90 0.04	14.89 -0.94 0.00	12.59 -0.94 0.00	16.42 -1.27 0.00	16.72 -1.13 0.00	19.95 -1.40 0.00	21.65 -1.41 0.00	26.87 -1.87 0.00	21.88 -1.60 0.00	19.17 -1.47 1.47	18.27 -1.49 4.51	19.69 -1.57 2.49	20.39 -1.54 0.03	17.73 -1.51 3.40	16.33 -1.51 4.10	19.67 -1.70 3.84	24.26 -2.37 5.74	30.05 -2.86 6.71	28.87 -2.74 6.76	22.51 -2.07 6.28	16.18 -1.64 5.61	17.66 -1.57 3.58	20.84 -1.34 0.00	18.00 -1.39 0.00
V_CMM_10_SYNC_DSASP 323787	-22.82 -0.14 36.95	-22.51 -0.15 38.19	-19.84 -0.05 33.32	8.88 -0.02 8.80	15.44 0.03 2.45	20.06 0.06 1.35	22.45 0.07 0.67	28.80 0.06 0.00	23.45 -0.02 0.00	21.58 -0.07 0.46	24.17 -0.09 0.00	23.68 -0.07 0.00	21.85 -0.10 0.00	15.22 -0.13 7.29	1.38 -0.23 20.34	16.93 -0.23 8.05	-13.27 -0.28 45.35	34.03 -0.36 5.22	36.74 -0.32 1.32	27.93 -0.23 2.69	21.85 -0.17 1.42	19.89 -0.16 2.76	19.33 -0.12 2.73	16.73 -0.11 2.55
V_CMP_10_SYNC_DSASP 323788	-21.59 -0.40 35.46	-20.92 -0.51 36.24	-20.87 -0.35 34.06	-21.18 -0.48 38.40	-21.25 -0.44 38.67	-0.19 -0.32 21.22	12.13 -0.29 10.63	28.48 -0.25 0.00	23.27 -0.21 0.00	21.41 -0.28 0.42	23.92 -0.34 0.00	23.61 -0.14 0.00	21.50 -0.45 0.00	15.26 -0.66 6.72	1.85 -0.81 19.29	-13.02 -0.80 37.43	-20.65 -0.99 52.02	-21.33 -0.95 59.99	16.94 -0.69 20.74	-12.16 -0.66 42.35	0.65 -0.50 22.30	-21.26 -0.50 43.57	-21.27 -0.49 42.96	-21.28 -0.47 40.19
V_D_10_SYNC_DSASP 323841	-22.76 -0.08 36.95	-22.44 -0.08 38.19	-19.78 0.01 33.32	8.96 0.06 8.80	15.52 0.12 2.45	20.16 0.16 1.35	22.56 0.18 0.67	28.93 0.20 0.00	23.55 0.08 0.00	21.68 0.03 0.46	24.28 0.01 0.00	23.79 0.03 0.00	21.95 0.00 0.00	15.32 -0.03 7.29	1.48 -0.13 20.34	17.04 -0.13 8.05	-13.12 -0.14 45.35	34.20 -0.20 5.22	36.90 -0.17 1.32	28.06 -0.10 2.69	21.94 -0.08 1.42	19.98 -0.07 2.76	19.42 -0.03 2.73	16.81 -0.03 2.55
V_E_10_SYNC_DSASP 323830	14.96 0.58 -0.10	16.44 0.61 0.00	14.03 0.50 0.00	18.37 0.67 0.00	18.59 0.73 0.00	22.25 0.90 0.00	24.25 1.20 0.00	30.38 1.64 0.00	24.75 1.27 0.00	23.57 0.93 -0.53	27.00 1.10 -1.64	25.62 0.95 -0.91	22.70 0.74 -0.01	24.51 0.63 -1.24	24.01 0.57 -1.49	27.64 1.03 -1.40	35.91 1.46 -2.08	44.46 2.42 -2.42	43.17 2.37 -2.43	34.87 1.76 -2.25	26.70 1.25 -2.01	25.24 1.14 -1.29	23.16 0.98 0.00	20.11 0.72 0.00
V_F_30_NSYNC___DSASP 323816	15.10 0.77 -0.05	16.62 0.80 0.00	14.18 0.65 0.00	18.52 0.83 0.00	18.68 0.82 0.00	22.41 1.04 -0.02	24.23 1.18 0.00	30.31 1.57 0.00	24.75 1.27 0.00	30.48 1.11 -7.25	25.36 1.09 0.00	24.77 1.01 0.00	22.81 0.86 0.00	23.57 0.93 0.00	22.97 1.02 0.00	26.53 1.31 0.00	34.08 1.72 0.00	41.87 2.25 0.00	40.55 2.18 0.00	32.55 1.70 0.00	24.76 1.32 0.00	24.09 1.28 0.00	23.41 1.23 0.00	23.84 1.08 -3.38



V_F_30_SYNC_DSASP 323786	14.75 0.45 -0.02	16.30 0.47 0.00	13.89 0.36 0.00	18.14 0.45 0.00	18.27 0.41 0.00	21.87 0.51 -0.01	23.63 0.58 0.00	29.45 0.71 0.00	24.00 0.52 0.00	24.23 0.60 -1.53	24.93 0.67 0.00	24.43 0.68 0.00	22.57 0.62 0.00	23.32 0.68 0.00	22.71 0.76 0.00	26.07 0.86 0.00	33.45 1.08 0.00	40.97 1.35 0.00	39.66 1.28 0.00	31.86 1.01 0.00	24.23 0.79 0.00	23.56 0.75 0.00	22.86 0.68 0.00	21.38 0.64 -1.35
V_XM_10_SYNC_DSASP 323789	-21.59 -0.40 35.46	-20.92 -0.51 36.24	-20.87 -0.35 34.06	-21.18 -0.48 38.40	-21.25 -0.44 38.67	-0.19 -0.32 21.22	12.13 -0.29 10.63	28.48 -0.25 0.00	23.27 -0.21 0.00	21.41 -0.28 0.42	23.92 -0.34 0.00	23.61 -0.14 0.00	21.50 -0.45 0.00	15.26 -0.66 6.72	1.85 -0.81 19.29	-13.02 -0.80 37.43	-20.65 -0.99 52.02	-21.33 -0.95 59.99	16.94 -0.69 20.74	-12.16 -0.66 42.35	0.65 -0.50 22.30	-21.26 -0.50 43.57	-21.27 -0.49 42.96	-21.28 -0.47 40.19
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	15.14 0.87 0.00	16.71 0.89 0.00	14.22 0.69 0.00	18.57 0.87 0.00	18.64 0.79 0.00	22.36 1.01 0.00	24.13 1.08 0.00	30.28 1.54 0.00	24.82 1.35 0.00	24.10 1.35 -0.64	25.98 1.72 0.00	25.50 1.75 0.00	23.57 1.62 0.00	24.34 1.69 0.00	23.72 1.77 0.00	27.15 1.94 0.00	34.87 2.50 0.00	42.52 2.90 0.00	41.14 2.77 0.00	33.06 2.20 0.00	25.04 1.60 0.00	24.34 1.53 0.00	23.68 1.49 0.00	21.04 1.32 -0.34
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	15.19 0.92 0.00	16.76 0.93 0.00	14.25 0.72 0.00	18.60 0.91 0.00	18.68 0.82 0.00	22.40 1.05 0.00	24.16 1.11 0.00	30.34 1.60 0.00	24.89 1.42 0.00	24.26 1.45 -0.70	26.10 1.84 0.00	25.63 1.88 0.00	23.70 1.75 0.00	24.47 1.83 0.00	23.86 1.91 0.00	27.28 2.07 0.00	34.97 2.60 0.00	42.54 2.92 0.00	41.15 2.77 0.00	33.13 2.27 0.00	25.12 1.68 0.00	24.42 1.61 0.00	23.74 1.56 0.00	21.12 1.37 -0.36
W50THST__13_KV_LOAD 356117	15.28 1.01 0.00	16.86 1.03 0.00	14.33 0.80 0.00	18.71 1.01 0.00	18.78 0.93 0.00	22.53 1.17 0.00	24.32 1.27 0.00	30.55 1.82 0.00	25.10 1.63 0.00	24.47 1.66 -0.70	26.34 2.07 0.00	25.87 2.11 0.00	23.94 1.99 0.00	24.72 2.08 0.00	24.11 2.16 0.00	27.57 2.35 0.00	35.32 2.96 0.00	42.93 3.31 0.00	41.50 3.12 0.00	33.40 2.55 0.00	25.32 1.88 0.00	24.60 1.78 0.00	23.90 1.71 0.00	21.25 1.50 -0.36
WADING RIVER_IC_1 23522	15.36 1.08 0.00	16.86 1.04 0.00	14.30 0.76 0.00	18.72 1.03 0.00	18.71 0.86 0.00	22.41 1.06 0.00	24.24 1.19 0.00	30.36 1.63 0.00	24.97 1.50 0.00	24.27 1.46 -0.70	26.34 2.08 0.00	25.85 2.10 0.00	23.73 1.78 0.00	24.39 1.76 0.00	23.75 1.80 0.00	26.89 1.68 0.00	18.87 1.65 15.14	28.75 1.89 12.76	40.36 1.98 0.00	32.76 1.90 0.00	25.16 1.72 0.00	24.60 1.79 0.00	23.98 1.80 0.00	21.30 1.56 -0.36
WADING RIVER_IC_2 23547	15.36 1.08 0.00	16.86 1.04 0.00	14.30 0.76 0.00	18.72 1.03 0.00	18.71 0.86 0.00	22.41 1.06 0.00	24.24 1.19 0.00	30.36 1.63 0.00	24.97 1.50 0.00	24.27 1.46 -0.70	26.34 2.08 0.00	25.85 2.10 0.00	23.73 1.78 0.00	24.39 1.76 0.00	23.75 1.80 0.00	26.89 1.68 0.00	18.87 1.65 15.14	28.75 1.89 12.76	40.36 1.98 0.00	32.76 1.90 0.00	25.16 1.72 0.00	24.60 1.79 0.00	23.98 1.80 0.00	21.30 1.56 -0.36
WADING RIVER_IC_3 23601	15.36 1.08 0.00	16.86 1.04 0.00	14.30 0.76 0.00	18.72 1.03 0.00	18.71 0.86 0.00	22.41 1.06 0.00	24.24 1.19 0.00	30.36 1.63 0.00	24.97 1.50 0.00	24.27 1.46 -0.70	26.34 2.08 0.00	25.85 2.10 0.00	23.73 1.78 0.00	24.39 1.76 0.00	23.75 1.80 0.00	26.89 1.68 0.00	18.87 1.65 15.14	28.75 1.89 12.76	40.36 1.98 0.00	32.76 1.90 0.00	25.16 1.72 0.00	24.60 1.79 0.00	23.98 1.80 0.00	21.30 1.56 -0.36
WALDENNY_12_KV_BK2 80841	13.43 -0.79 0.06	15.03 -0.80 0.00	12.70 -0.83 0.00	16.56 -1.14 0.00	16.87 -0.99 0.00	20.12 -1.23 0.00	21.89 -1.16 0.00	27.19 -1.54 0.00	22.13 -1.35 0.00	17.97 -1.19 2.95	14.06 -1.15 9.06	17.48 -1.26 5.01	20.64 -1.26 0.05	14.68 -1.17 6.79	12.57 -1.18 8.20	16.22 -1.32 7.68	19.04 -1.89 11.44	23.90 -2.30 13.42	22.65 -2.17 13.55	16.63 -1.63 12.59	10.87 -1.35 11.22	14.34 -1.28 7.20	21.08 -1.11 0.00	18.16 -1.23 0.00
WALDEN__HYDRO 24148	15.11 0.83 0.00	16.67 0.84 0.00	14.19 0.66 0.00	18.53 0.83 0.00	18.61 0.75 0.00	22.30 0.96 0.00	24.09 1.04 0.00	30.22 1.49 0.00	24.76 1.29 0.00	23.37 1.26 0.00	25.82 1.55 0.00	25.32 1.57 0.00	23.42 1.47 0.00	24.18 1.54 0.00	23.57 1.62 0.00	27.00 1.79 0.00	34.71 2.35 0.00	42.36 2.74 0.00	41.01 2.64 0.00	32.95 2.09 0.00	24.97 1.53 0.00	24.28 1.46 0.00	23.59 1.41 0.00	20.62 1.24 0.00
WARRENSBURG____ 23737	15.01 0.69 -0.05	16.53 0.70 0.00	14.12 0.59 0.00	18.44 0.74 0.00	18.60 0.74 0.00	22.34 0.97 -0.02	24.18 1.12 0.00	30.25 1.52 0.00	24.72 1.25 0.00	29.74 1.07 -6.56	25.22 0.95 0.00	24.61 0.85 0.00	22.59 0.64 0.00	23.33 0.69 0.00	22.74 0.80 0.00	26.36 1.15 0.00	33.85 1.48 0.00	41.62 2.00 0.00	40.34 1.97 0.00	32.33 1.48 0.00	24.61 1.17 0.00	23.94 1.13 0.00	23.32 1.13 0.00	23.48 1.00 -3.10
WATERSIDE____6 8 9 23538	15.23 0.96 0.00	16.80 0.98 0.00	14.29 0.76 0.00	18.65 0.95 0.00	18.72 0.87 0.00	22.43 1.09 0.00	24.21 1.16 0.00	30.41 1.67 0.00	24.98 1.50 0.00	24.33 1.52 -0.70	26.17 1.91 0.00	25.71 1.96 0.00	23.80 1.85 0.00	24.55 1.91 0.00	23.94 2.00 0.00	27.34 2.13 0.00	35.04 2.67 0.00	42.56 2.94 0.00	41.23 2.85 0.00	33.22 2.37 0.00	25.19 1.75 0.00	24.47 1.66 0.00	23.80 1.61 0.00	21.18 1.43 -0.36
WATKINRD_115KV_LN8_ILLION 55919	16.46 0.15 -2.03	18.09 0.17 -2.10	15.46 0.12 -1.82	18.19 0.12 -0.37	17.95 0.10 0.00	21.47 0.12 0.00	23.19 0.14 0.00	28.99 0.26 0.00	23.65 0.18 0.00	22.25 0.12 -0.03	24.33 0.06 0.00	23.75 0.00 0.00	21.95 0.00 0.00	23.03 -0.01 -0.40	23.11 0.05 -1.12	25.65 0.11 -0.33	35.07 0.25 -2.46	40.21 0.51 -0.08	38.81 0.43 0.00	31.18 0.33 0.00	23.76 0.32 0.00	23.10 0.29 0.00	22.40 0.22 0.00	19.56 0.17 0.00
WATSON____69_KV_BK 1 55734	15.47 1.20 0.00	17.00 1.18 0.00	14.41 0.87 0.00	18.86 1.16 0.00	18.86 1.00 0.00	22.57 1.22 0.00	24.40 1.34 0.00	30.60 1.86 0.00	25.15 1.68 0.00	24.46 1.65 -0.70	26.60 2.33 0.00	26.06 2.31 0.00	23.90 1.95 0.00	24.62 1.98 0.00	23.95 2.01 0.00	27.27 2.06 0.00	20.10 2.54 14.80	30.10 2.83 12.35	41.29 2.92 0.00	33.29 2.44 0.00	25.39 1.95 0.00	24.77 1.96 0.00	24.13 1.95 0.00	21.43 1.68 -0.36
WDELAWARE__HYD 323627	15.13 0.85 0.00	16.71 0.89 0.00	14.22 0.69 0.00	18.58 0.89 0.00	18.69 0.83 0.00	22.40 1.05 0.00	24.21 1.15 0.00	30.38 1.64 0.00	24.89 1.41 0.00	23.42 1.31 0.00	25.80 1.54 0.00	25.30 1.54 0.00	23.36 1.41 0.00	24.10 1.46 0.00	23.49 1.55 0.00	27.00 1.79 0.00	34.73 2.36 0.00	42.46 2.84 0.00	41.11 2.73 0.00	33.02 2.17 0.00	25.02 1.58 0.00	24.32 1.51 0.00	23.58 1.40 0.00	20.60 1.21 0.00

WEST BABYLON___IC 23714	15.44 1.16 0.00	16.96 1.14 0.00	14.38 0.85 0.00	18.81 1.12 0.00	18.82 0.96 0.00	22.54 1.19 0.00	24.35 1.29 0.00	30.54 1.81 0.00	25.09 1.61 0.00	24.40 1.60 -0.70	26.53 2.27 0.00	25.99 2.24 0.00	23.85 1.90 0.00	24.57 1.93 0.00	23.88 1.94 0.00	27.20 1.99 0.00	21.04 2.46 13.79	30.98 2.72 11.36	41.17 2.79 0.00	33.19 2.33 0.00	25.30 1.86 0.00	24.72 1.91 0.00	24.07 1.88 0.00	21.37 1.63 -0.36
WEST CANADA___HYD 24049	16.37 0.07 -2.03	18.00 0.08 -2.10	15.40 0.05 -1.82	18.12 0.05 -0.37	17.89 0.04 0.00	21.39 0.04 0.00	23.09 0.03 0.00	28.80 0.06 0.00	23.55 0.07 0.00	22.20 0.07 -0.03	24.34 0.07 0.00	23.83 0.07 0.00	22.02 0.07 0.00	23.11 0.07 -0.40	23.17 0.11 -1.12	25.66 0.12 -0.33	34.96 0.14 -2.46	39.89 0.19 -0.08	38.56 0.18 0.00	30.98 0.12 0.00	23.56 0.12 0.00	22.92 0.11 0.00	22.27 0.09 0.00	19.47 0.08 0.00
WESTERN_NY_WIND 24143	13.67 -0.56 0.04	15.25 -0.58 0.00	12.90 -0.64 0.00	16.80 -0.90 0.00	17.13 -0.73 0.00	20.48 -0.87 0.00	22.32 -0.74 0.00	27.76 -0.98 0.00	22.60 -0.88 0.00	19.58 -0.88 1.66	18.22 -0.97 5.08	19.84 -1.11 2.81	20.81 -1.11 0.03	17.97 -0.85 3.82	16.48 -0.86 4.61	20.03 -0.87 4.32	24.70 -1.25 6.42	30.63 -1.47 7.52	29.41 -1.38 7.59	22.83 -0.97 7.05	16.34 -0.83 6.27	17.98 -0.80 4.03	21.50 -0.68 0.00	18.51 -0.88 0.00
WESTOVER___LESR 323668	14.14 -0.11 0.02	15.72 -0.11 0.00	13.41 -0.12 0.00	17.55 -0.15 0.00	17.70 -0.16 0.00	21.12 -0.23 0.00	22.88 -0.17 0.00	28.58 -0.16 0.00	23.37 -0.11 0.00	22.03 -0.08 0.00	24.26 0.00 0.00	23.72 -0.03 0.00	21.91 -0.04 0.00	22.60 -0.04 0.00	21.94 -0.01 0.00	25.21 0.00 0.00	32.40 0.03 0.00	39.70 0.08 0.00	38.37 -0.01 0.00	30.80 -0.05 0.00	23.33 -0.11 0.00	22.71 -0.10 0.00	22.09 -0.09 0.00	19.24 -0.14 0.00
WETHRSFD_WT_PWR 323626	13.14 -1.06 0.07	14.71 -1.12 0.00	12.48 -1.05 0.00	16.30 -1.40 0.00	16.58 -1.27 0.00	19.79 -1.57 0.00	21.51 -1.54 0.00	26.80 -1.93 0.00	21.81 -1.66 0.00	10.46 -1.61 10.04	-8.24 -1.68 30.83	4.91 -1.77 17.07	20.02 -1.75 0.19	-2.55 -1.77 23.42	-8.02 -1.70 28.27	-3.16 -1.89 26.49	-9.54 -2.43 39.48	-9.79 -2.84 46.57	-11.53 -2.76 47.15	-15.03 -2.10 43.77	-17.35 -1.70 39.09	-3.92 -1.72 25.01	20.52 -1.66 0.00	17.77 -1.61 0.00
WHAVSTOR_138KV_BK127 55557	15.09 0.81 0.00	16.65 0.82 0.00	14.16 0.63 0.00	18.50 0.80 0.00	18.57 0.72 0.00	22.27 0.92 0.00	24.03 0.97 0.00	30.15 1.41 0.00	24.70 1.23 0.00	24.00 1.25 -0.65	25.87 1.60 0.00	25.39 1.64 0.00	23.47 1.52 0.00	24.22 1.58 0.00	23.61 1.66 0.00	27.01 1.80 0.00	34.68 2.31 0.00	42.29 2.67 0.00	40.92 2.54 0.00	32.88 2.03 0.00	24.91 1.47 0.00	24.23 1.42 0.00	23.57 1.39 0.00	20.96 1.24 -0.34
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	15.09 0.81 0.00	16.65 0.82 0.00	14.16 0.63 0.00	18.50 0.80 0.00	18.57 0.72 0.00	22.27 0.92 0.00	24.03 0.97 0.00	30.15 1.41 0.00	24.70 1.23 0.00	24.00 1.25 -0.65	25.87 1.60 0.00	25.39 1.64 0.00	23.47 1.52 0.00	24.22 1.58 0.00	23.61 1.66 0.00	27.01 1.80 0.00	34.68 2.31 0.00	42.29 2.67 0.00	40.92 2.54 0.00	32.88 2.03 0.00	24.91 1.47 0.00	24.23 1.42 0.00	23.57 1.39 0.00	20.96 1.24 -0.34
WHITEHAL_115KV_TB1 80871	15.36 1.04 -0.05	16.88 1.06 0.00	14.54 1.01 0.00	18.99 1.29 0.00	19.16 1.31 0.00	23.08 1.71 -0.02	24.92 1.87 0.00	31.13 2.40 0.00	25.52 2.04 0.00	30.79 1.84 -6.85	25.73 1.47 0.00	25.09 1.34 0.00	22.82 0.87 0.00	23.55 0.91 0.00	23.11 1.17 0.00	27.08 1.87 0.00	34.51 2.14 0.00	42.51 2.89 0.00	41.26 2.88 0.00	32.93 2.08 0.00	25.14 1.69 0.00	24.51 1.70 0.00	23.95 1.77 0.00	24.22 1.62 -3.21
WHITEPLN_13_KV_LOAD 356215	15.26 0.98 0.00	16.83 1.01 0.00	14.31 0.78 0.00	18.68 0.99 0.00	18.76 0.91 0.00	22.50 1.15 0.00	24.31 1.25 0.00	30.53 1.79 0.00	25.04 1.56 0.00	24.38 1.57 -0.70	26.22 1.96 0.00	25.75 1.99 0.00	23.80 1.85 0.00	24.57 1.93 0.00	23.96 2.01 0.00	27.42 2.21 0.00	35.19 2.83 0.00	42.87 3.25 0.00	41.47 3.10 0.00	33.34 2.48 0.00	25.26 1.82 0.00	24.56 1.75 0.00	23.87 1.69 0.00	21.22 1.48 -0.36
WM_FLOYD_69_KV_BK2 356380	15.38 1.10 0.00	16.89 1.06 0.00	14.31 0.78 0.00	18.74 1.04 0.00	18.73 0.88 0.00	22.44 1.09 0.00	24.28 1.22 0.00	30.42 1.68 0.00	25.01 1.53 0.00	24.31 1.51 -0.70	26.40 2.13 0.00	25.90 2.15 0.00	23.74 1.79 0.00	24.38 1.75 0.00	23.75 1.81 0.00	26.96 1.75 0.00	19.21 1.95 15.11	29.10 2.21 12.73	40.65 2.28 0.00	32.88 2.03 0.00	25.16 1.72 0.00	24.60 1.79 0.00	23.99 1.81 0.00	21.31 1.56 -0.36
WOODARD___115KV_TB2 355635	14.05 -0.23 0.00	15.57 -0.25 0.00	13.28 -0.25 0.00	17.35 -0.34 0.00	17.53 -0.32 0.00	20.96 -0.39 0.00	22.65 -0.41 0.00	28.17 -0.56 0.00	23.03 -0.44 0.00	21.69 -0.42 0.00	23.76 -0.50 0.00	23.25 -0.51 0.00	21.53 -0.42 0.00	22.20 -0.44 0.00	21.57 -0.38 0.00	24.79 -0.42 0.00	31.83 -0.54 0.00	38.99 -0.63 0.00	37.76 -0.61 0.00	30.35 -0.50 0.00	23.04 -0.40 0.00	22.43 -0.39 0.00	21.81 -0.37 0.00	19.03 -0.36 0.00
YORK___WARBASSE 23770	15.27 1.00 0.00	16.84 1.02 0.00	14.32 0.78 0.00	18.69 0.99 0.00	18.76 0.90 0.00	22.50 1.15 0.00	24.28 1.23 0.00	30.51 1.77 0.00	25.05 1.58 0.00	24.39 1.58 -0.70	26.25 1.98 0.00	25.77 2.02 0.00	23.84 1.89 0.00	24.60 1.96 0.00	23.99 2.04 0.00	27.40 2.18 0.00	35.12 2.75 0.00	42.64 3.02 0.00	41.34 2.96 0.00	33.37 2.52 0.00	25.29 1.85 0.00	24.56 1.75 0.00	23.90 1.72 0.00	21.26 1.51 -0.36