

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/11/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.27	11.66	22.74	4.79	20.61	21.24	28.07	9.29	12.42	23.76	51.42	8.84	6.78	4.95	2.75	8.70	18.85	24.29	34.06	47.47	48.88	38.23	31.43	32.77
24138	-0.04	-0.04	1.66	0.33	1.03	1.39	1.69	0.48	0.89	1.82	0.47	0.43	0.64	0.49	0.30	0.99	2.01	2.38	2.87	3.32	3.15	2.41	2.15	2.21
	-19.70	-12.07	0.00	0.00	-5.13	0.00	0.00	-2.21	0.00	0.00	-46.10	-4.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.61	12.18	22.80	4.80	20.66	21.31	28.16	9.31	12.46	23.83	51.34	8.83	6.79	4.95	2.75	8.70	18.86	24.31	34.15	47.61	49.01	38.32	31.50	32.81
24260	-0.04	-0.04	1.72	0.35	1.08	1.45	1.78	0.51	0.93	1.88	0.47	0.43	0.64	0.50	0.30	0.99	2.02	2.40	2.95	3.46	3.28	2.49	2.22	2.24
	-20.04	-12.59	0.00	0.00	-5.13	0.00	0.00	-2.21	0.00	0.00	-46.01	-4.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.61	12.18	22.80	4.80	20.66	21.31	28.16	9.31	12.46	23.83	51.34	8.83	6.79	4.95	2.75	8.70	18.86	24.31	34.15	47.61	49.01	38.32	31.50	32.81
24261	-0.04	-0.04	1.72	0.35	1.08	1.45	1.78	0.51	0.93	1.88	0.47	0.43	0.64	0.50	0.30	0.99	2.02	2.40	2.95	3.46	3.28	2.49	2.22	2.24
	-20.04	-12.59	0.00	0.00	-5.13	0.00	0.00	-2.21	0.00	0.00	-46.01	-4.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	24.11	14.00	22.19	4.69	21.75	20.90	27.65	9.75	12.00	22.63	4.95	4.44	6.27	4.58	2.53	7.98	17.56	23.06	32.94	46.70	48.45	37.87	30.87	32.04
24011	-0.02	-0.02	1.11	0.23	0.74	1.05	1.27	0.32	0.47	0.69	0.10	0.07	0.13	0.13	0.07	0.27	0.72	1.15	1.74	2.55	2.71	2.05	1.59	1.47
	-24.52	-14.39	0.00	0.00	-6.57	0.00	0.00	-2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	24.12	14.01	22.24	4.70	21.79	20.96	27.71	9.77	12.04	22.62	4.95	4.43	6.27	4.60	2.53	8.00	17.63	23.16	33.08	46.95	48.74	38.12	31.04	32.16
23798	-0.02	-0.02	1.16	0.24	0.76	1.10	1.33	0.34	0.51	0.68	0.10	0.07	0.13	0.15	0.08	0.29	0.79	1.25	1.89	2.80	3.00	2.30	1.75	1.60
	-24.53	-14.40	0.00	0.00	-6.57	0.00	0.00	-2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	24.11	14.00	22.19	4.69	21.75	20.90	27.65	9.75	12.00	22.63	4.95	4.44	6.27	4.58	2.53	7.98	17.56	23.06	32.94	46.70	48.45	37.87	30.87	32.04
24028	-0.02	-0.02	1.11	0.23	0.74	1.05	1.27	0.32	0.47	0.69	0.10	0.07	0.13	0.13	0.07	0.27	0.72	1.15	1.74	2.55	2.71	2.05	1.59	1.47
	-24.52	-14.39	0.00	0.00	-6.57	0.00	0.00	-2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23.59	13.70	22.19	4.69	21.62	20.87	27.62	9.70	12.06	22.80	11.13	4.97	6.24	4.56	2.51	7.90	17.40	22.90	32.58	46.13	47.76	37.42	30.61	31.92
23527	-0.01	-0.01	1.11	0.23	0.74	1.01	1.24	0.34	0.53	0.86	0.14	0.06	0.09	0.11	0.06	0.19	0.57	0.99	1.39	1.99	2.03	1.60	1.33	1.35
	-23.99	-14.08	0.00	0.00	-6.43	0.00	0.00	-2.77	0.00	0.00	-6.14	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	23.46	13.63	21.53	4.55	21.12	20.24	26.79	9.48	11.71	22.24	10.79	4.92	6.21	4.52	2.50	7.86	17.22	22.45	31.76	44.66	46.21	36.18	29.65	30.93
24190	-0.01	-0.01	0.45	0.09	0.28	0.38	0.41	0.13	0.18	0.30	0.07	0.04	0.07	0.07	0.04	0.16	0.38	0.54	0.56	0.51	0.47	0.36	0.36	0.36
	-23.86	-14.00	0.00	0.00	-6.39	0.00	0.00	-2.76	0.00	0.00	-5.87	-0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	-0.39	-0.37	20.89	4.43	14.36	19.74	26.32	6.58	11.54	21.95	4.86	4.36	6.12	4.42	2.42	7.56	16.56	21.63	30.98	44.12	45.88	36.04	29.41	30.75
355683	0.00	0.01	-0.19	-0.03	-0.09	-0.12	-0.06	-0.02	0.02	0.00	0.00	-0.01	-0.02	-0.03	-0.03	-0.15	-0.28	-0.28	-0.21	-0.03	0.15	0.22	0.13	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	23.02	13.37	21.92	4.63	21.28	20.63	27.28	9.51	11.78	22.37	4.93	4.43	6.23	4.53	2.50	7.88	17.26	22.53	32.18	45.53	47.14	36.89	30.19	31.48
323833	-0.01	-0.01	0.84	0.17	0.55	0.77	0.90	0.21	0.25	0.43	0.07	0.06	0.09	0.08	0.05	0.17	0.42	0.62	0.98	1.39	1.41	1.06	0.91	0.91
	-23.42	-13.75	0.00	0.00	-6.27	0.00	0.00	-2.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	23.02	13.37	21.92	4.63	21.27	20.63	27.28	9.51	11.78	22.36	4.92	4.43	6.23	4.53	2.50	7.87	17.25	22.53	32.17	45.53	47.12	36.86	30.18	31.47
323834	-0.01	-0.01	0.84	0.17	0.55	0.77	0.90	0.21	0.25	0.42	0.07	0.06	0.09	0.08	0.05	0.16	0.42	0.62	0.97	1.38	1.39	1.04	0.90	0.90
	-23.43	-13.75	0.00	0.00	-6.28	0.00	0.00	-2.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23.46	13.63	21.53	4.55	21.12	20.24	26.79	9.48	11.71	22.24	10.79	4.92	6.21	4.52	2.50	7.86	17.22	22.45	31.76	44.66	46.21	36.18	29.65	30.93
23571	-0.01	-0.01	0.45	0.09	0.28	0.38	0.41	0.13	0.18	0.30	0.07	0.04	0.07	0.07	0.04	0.16	0.38	0.54	0.56	0.51	0.47	0.36	0.36	0.36
	-23.86	-14.00	0.00	0.00	-6.39	0.00	0.00	-2.76	0.00	0.00	-5.87	-0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	23.46 -0.01 -23.86	13.63 -0.01 -14.00	21.53 0.45 0.00	4.55 0.09 0.00	21.12 0.28 -6.39	20.24 0.38 0.00	26.79 0.41 0.00	9.48 0.13 -2.76	11.71 0.18 0.00	22.24 0.30 0.00	10.79 0.07 -5.87	4.92 0.04 -0.51	6.21 0.07 0.00	4.52 0.07 0.00	2.50 0.04 0.00	7.86 0.16 0.00	17.22 0.38 0.00	22.45 0.54 0.00	31.76 0.56 0.00	44.66 0.51 0.00	46.21 0.47 0.00	36.18 0.36 0.00	29.65 0.36 0.00	30.93 0.36 0.00
ALBANY___3 23573	23.46 -0.01 -23.86	13.63 -0.01 -14.00	21.53 0.45 0.00	4.55 0.09 0.00	21.12 0.28 -6.39	20.24 0.38 0.00	26.79 0.41 0.00	9.48 0.13 -2.76	11.71 0.18 0.00	22.24 0.30 0.00	10.79 0.07 -5.87	4.92 0.04 -0.51	6.21 0.07 0.00	4.52 0.07 0.00	2.50 0.04 0.00	7.86 0.16 0.00	17.22 0.38 0.00	22.45 0.54 0.00	31.76 0.56 0.00	44.66 0.51 0.00	46.21 0.47 0.00	36.18 0.36 0.00	29.65 0.36 0.00	30.93 0.36 0.00
ALBANY___4 23574	23.46 -0.01 -23.86	13.63 -0.01 -14.00	21.53 0.45 0.00	4.55 0.09 0.00	21.12 0.28 -6.39	20.24 0.38 0.00	26.79 0.41 0.00	9.48 0.13 -2.76	11.71 0.18 0.00	22.24 0.30 0.00	10.79 0.07 -5.87	4.92 0.04 -0.51	6.21 0.07 0.00	4.52 0.07 0.00	2.50 0.04 0.00	7.86 0.16 0.00	17.22 0.38 0.00	22.45 0.54 0.00	31.76 0.56 0.00	44.66 0.51 0.00	46.21 0.47 0.00	36.18 0.36 0.00	29.65 0.36 0.00	30.93 0.36 0.00
ALBANY___LFGE 323615	23.65 -0.01 -24.05	13.74 -0.01 -14.12	21.71 0.63 0.00	4.59 0.13 0.00	21.30 0.40 -6.44	20.41 0.56 0.00	27.02 0.64 0.00	9.55 0.18 -2.78	11.80 0.27 0.00	22.41 0.46 0.00	10.78 0.10 -5.82	4.94 0.07 -0.51	6.25 0.11 0.00	4.55 0.10 0.00	2.51 0.06 0.00	7.92 0.21 0.00	17.35 0.52 0.00	22.64 0.72 0.00	32.06 0.86 0.00	45.12 0.97 0.00	46.68 0.95 0.00	36.53 0.71 0.00	29.92 0.64 0.00	31.19 0.63 0.00
ALCOA_PA_115KV_PL-6C 55860	-0.39 0.00 0.00	-0.37 0.00 0.00	20.88 -0.20 0.00	4.43 -0.03 0.00	14.35 -0.10 0.00	19.73 -0.12 0.00	26.31 -0.07 0.00	6.57 -0.03 0.00	11.52 -0.01 0.00	21.90 -0.04 0.00	4.85 -0.01 0.00	4.35 -0.01 0.00	6.11 -0.04 0.00	4.41 -0.04 0.00	2.41 -0.04 0.00	7.54 -0.17 0.00	16.51 -0.33 0.00	21.58 -0.33 0.00	30.93 -0.27 0.00	44.11 -0.04 0.00	45.92 0.19 0.00	36.21 0.39 0.00	29.53 0.25 0.00	30.88 0.31 0.00
ALCOA_RYNLDS___DRP 24188	-0.39 0.00 0.00	-0.37 0.00 0.00	20.88 -0.20 0.00	4.43 -0.03 0.00	14.35 -0.10 0.00	19.73 -0.12 0.00	26.31 -0.07 0.00	6.57 -0.03 0.00	11.52 -0.01 0.00	21.90 -0.04 0.00	4.85 -0.01 0.00	4.35 -0.01 0.00	6.11 -0.04 0.00	4.41 -0.04 0.00	2.41 -0.04 0.00	7.54 -0.17 0.00	16.51 -0.33 0.00	21.58 -0.33 0.00	30.93 -0.27 0.00	44.11 -0.04 0.00	45.92 0.19 0.00	36.21 0.39 0.00	29.53 0.25 0.00	30.88 0.31 0.00
ALCOA___DSASP 323711	-0.39 0.00 0.00	-0.37 0.00 0.00	20.88 -0.20 0.00	4.43 -0.03 0.00	14.35 -0.10 0.00	19.74 -0.12 0.00	26.31 -0.07 0.00	6.57 -0.03 0.00	11.52 -0.01 0.00	21.90 -0.04 0.00	4.85 -0.01 0.00	4.35 -0.01 0.00	6.11 -0.04 0.00	4.41 -0.04 0.00	2.41 -0.04 0.00	7.54 -0.17 0.00	16.51 -0.33 0.00	21.58 -0.33 0.00	30.93 -0.27 0.00	44.11 -0.04 0.00	45.92 0.19 0.00	36.21 0.39 0.00	29.53 0.25 0.00	30.88 0.31 0.00
ALLEGHENY___COGEN 23514	2.99 0.00 -3.38	1.61 0.00 -1.98	20.80 -0.28 0.00	4.40 -0.06 0.00	15.07 -0.29 -0.91	19.51 -0.34 0.00	25.97 -0.41 0.00	6.79 -0.24 -0.43	17.11 -0.73 -6.31	20.68 -1.40 -0.14	4.52 -0.34 0.00	4.10 -0.27 0.00	5.75 -0.39 0.00	4.17 -0.28 0.00	2.34 -0.12 0.00	7.32 -0.39 0.00	15.95 -0.89 0.00	20.67 -1.24 0.00	29.63 -1.56 0.00	42.57 -1.58 0.00	44.69 -1.04 0.00	35.03 -0.79 0.00	26.19 -0.94 2.15	29.62 -0.94 0.00
ALTAMONT_115KV_TB 2 55880	23.41 -0.01 -23.82	13.60 -0.01 -13.98	21.73 0.65 0.00	4.60 0.14 0.00	21.26 0.43 -6.38	20.44 0.59 0.00	27.06 0.68 0.00	9.53 0.19 -2.75	11.83 0.30 0.00	22.49 0.54 0.00	10.73 0.12 -5.76	4.97 0.10 -0.51	6.29 0.15 0.00	4.57 0.12 0.00	2.53 0.07 0.00	7.96 0.25 0.00	17.39 0.55 0.00	22.64 0.73 0.00	32.10 0.90 0.00	45.24 1.09 0.00	46.82 1.08 0.00	36.64 0.82 0.00	30.00 0.72 0.00	31.29 0.72 0.00
ALTONA_WT_PWR 323606	-0.39 0.00 0.00	-0.37 0.00 0.00	20.82 -0.26 0.00	4.42 -0.04 0.00	14.38 -0.07 0.00	19.91 0.06 0.00	26.49 0.12 0.00	6.64 0.04 0.00	11.62 0.09 0.00	22.03 0.08 0.00	4.85 0.00 0.00	4.35 -0.01 0.00	6.12 -0.02 0.00	4.42 -0.04 0.00	2.41 -0.04 0.00	7.54 -0.17 0.00	16.51 -0.33 0.00	21.65 -0.26 0.00	31.03 -0.17 0.00	44.38 0.23 0.00	46.25 0.52 0.00	36.32 0.50 0.00	29.54 0.25 0.00	30.70 0.13 0.00
AMERICAN_REF_FUEL 24010	2.62 0.03 -2.98	1.42 0.04 -1.75	19.14 -1.94 0.00	4.05 -0.42 0.00	13.77 -1.48 -0.80	17.85 -2.00 0.00	23.87 -2.50 0.00	6.20 -0.73 -0.33	8.59 -1.40 1.54	19.17 -2.75 0.03	4.24 -0.61 0.00	3.86 -0.50 0.00	5.40 -0.74 0.00	3.92 -0.53 0.00	2.23 -0.22 0.00	6.90 -0.81 0.00	14.94 -1.90 0.00	19.27 -2.64 0.00	27.38 -3.82 0.00	38.58 -5.56 0.00	39.85 -5.88 0.00	31.33 -4.49 0.00	24.17 -3.83 1.28	26.84 -3.72 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	2.99 0.01 -3.37	1.63 0.02 -1.98	20.09 -0.99 0.00	4.24 -0.22 0.00	14.49 -0.86 -0.90	18.82 -1.03 0.00	24.87 -1.51 0.00	6.51 -0.46 -0.38	9.15 -0.84 1.54	20.49 -1.42 0.03	4.50 -0.36 0.00	4.12 -0.24 0.00	5.75 -0.39 0.00	4.17 -0.28 0.00	2.36 -0.09 0.00	7.36 -0.35 0.00	15.97 -0.87 0.00	20.51 -1.40 0.00	29.23 -1.97 0.00	41.22 -2.93 0.00	42.32 -3.41 0.00	32.99 -2.84 0.00	24.99 -2.66 1.63	27.66 -2.91 0.00
ARTHUR KILL_GT_1 23520	19.62 -0.04 -20.04	12.19 -0.03 -12.59	22.90 1.82 0.00	4.82 0.36 0.00	20.72 1.14 -5.13	21.40 1.54 0.00	28.29 1.91 0.00	9.32 0.52 -2.22	12.41 0.88 0.00	23.72 1.78 -0.01	51.32 0.45 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.66 0.95 0.00	18.79 1.95 0.00	37.70 2.28 -13.51	47.10 2.54 -13.37	48.30 2.83 -1.32	49.09 3.35 0.00	51.73 2.67 -13.24	47.44 2.37 -15.79	44.66 2.42 -11.67
ARTHUR_KILL_2 23512	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.85 1.77 0.00	4.81 0.35 0.00	20.68 1.10 -5.13	21.35 1.49 0.00	28.22 1.85 0.00	9.31 0.50 -2.22	12.38 0.85 0.00	23.68 1.73 -0.01	51.31 0.44 -46.01	8.79 0.39 -4.04	6.73 0.59 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.75 1.91 0.00	37.66 2.24 -13.51	47.03 2.47 -13.37	48.16 2.70 -1.31	48.91 3.18 0.00	51.63 2.57 -13.24	47.36 2.29 -15.79	44.58 2.35 -11.67
ARTHUR_KILL_3 23513	19.51 -0.04 -19.94	12.03 -0.03 -12.43	22.55 1.47 0.00	4.75 0.29 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.84 1.46 0.00	9.23 0.43 -2.22	12.32 0.79 0.00	23.58 1.63 -0.01	51.34 0.42 -46.06	8.80 0.39 -4.04	6.73 0.59 0.00	4.91 0.46 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.71 1.87 0.00	37.61 2.19 -13.51	47.23 2.67 -13.36	48.59 3.06 -1.39	48.47 2.73 0.00	46.62 2.08 -8.72	41.57 1.90 -10.40	40.19 1.94 -7.69

ARTHUR_KILL_COGEN 323718	19.62 -0.04 -20.04	12.19 -0.03 -12.59	22.90 1.82 0.00	4.82 0.36 0.00	20.72 1.14 -5.13	21.40 1.54 0.00	28.29 1.92 0.00	9.32 0.52 -2.22	12.40 0.87 0.00	23.73 1.78 -0.01	51.31 0.45 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.66 0.95 0.00	18.79 1.95 0.00	37.71 2.29 -13.51	47.12 2.55 -13.37	48.29 2.83 -1.31	49.05 3.32 0.00	51.73 2.67 -13.24	47.45 2.38 -15.79	44.67 2.43 -11.67
ASHOKAN____ 23654	21.35 -0.01 -21.75	12.40 0.00 -12.77	22.46 1.37 0.00	4.74 0.28 0.00	21.18 0.90 -5.83	21.08 1.22 0.00	27.89 1.51 0.00	9.49 0.39 -2.51	12.21 0.68 0.00	23.23 1.29 0.00	5.16 0.30 0.00	4.62 0.26 0.00	6.53 0.38 0.00	4.75 0.30 0.00	2.63 0.18 0.00	8.31 0.60 0.00	18.15 1.31 0.00	23.59 1.68 0.00	33.44 2.24 0.00	47.08 2.93 0.00	48.70 2.96 0.00	38.06 2.23 0.00	31.14 1.85 0.00	32.37 1.81 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.07 1.22 0.00	27.89 1.51 0.00	9.25 0.44 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.46 -46.01	8.81 0.41 -4.04	6.74 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.64 0.94 0.00	18.84 1.92 -0.09	24.61 2.29 -0.41	34.61 2.72 -0.69	48.43 3.22 -1.06	49.78 2.86 -1.19	37.98 2.14 -0.01	31.24 1.95 0.00	32.49 1.93 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.74 0.28 0.00	20.49 0.90 -5.13	21.07 1.22 0.00	27.89 1.51 0.00	9.25 0.44 -2.22	12.39 0.86 0.00	23.69 1.74 -0.01	51.32 0.46 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.85 1.92 -0.09	24.62 2.29 -0.41	34.61 2.72 -0.69	48.44 3.23 -1.06	49.79 2.87 -1.19	37.98 2.14 -0.01	31.24 1.95 0.00	32.49 1.93 0.00
ASTORIA_GT2_1 24094	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA_GT2_2 24095	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA_GT2_3 24096	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA_GT2_4 24097	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA_GT3_1 24098	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA_GT3_2 24099	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA_GT3_3 24100	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA_GT3_4 24101	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA_GT4_1 24102	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA_GT4_2 24103	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA_GT4_3 24104	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00

ASTORIA_GT4_4 24105	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.89 1.52 0.00	9.26 0.45 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.86 1.93 -0.09	24.63 2.31 -0.41	34.66 2.77 -0.69	48.61 3.40 -1.06	49.98 3.05 -1.19	38.00 2.17 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA_GT_1 23523	19.46 -0.04 -19.88	11.94 -0.03 -12.35	22.58 1.50 0.00	4.75 0.29 0.00	20.51 0.93 -5.13	21.10 1.24 0.00	27.93 1.56 0.00	9.27 0.45 -2.22	12.40 0.87 0.00	23.73 1.78 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.89 1.96 -0.09	24.67 2.35 -0.41	34.71 2.82 -0.69	48.68 3.47 -1.06	50.06 3.13 -1.19	38.06 2.22 -0.01	31.29 2.01 0.00	32.55 1.98 0.00
ASTORIA_GT_10 24110	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.37 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.43 0.90 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.96 0.00	18.79 1.95 0.00	24.22 2.31 0.00	33.94 2.74 0.00	47.34 3.19 0.00	48.77 3.04 0.00	38.11 2.28 0.00	31.35 2.07 0.00	32.64 2.07 0.00
ASTORIA_GT_11 24225	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.37 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.43 0.90 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.96 0.00	18.79 1.95 0.00	24.22 2.31 0.00	33.94 2.74 0.00	47.34 3.19 0.00	48.77 3.04 0.00	38.11 2.28 0.00	31.35 2.07 0.00	32.64 2.07 0.00
ASTORIA_GT_12 24226	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.37 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.43 0.90 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.96 0.00	18.79 1.95 0.00	24.22 2.31 0.00	33.94 2.74 0.00	47.34 3.19 0.00	48.77 3.04 0.00	38.11 2.28 0.00	31.35 2.07 0.00	32.64 2.07 0.00
ASTORIA_GT_13 24227	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.37 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.43 0.90 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.96 0.00	18.79 1.95 0.00	24.22 2.31 0.00	33.94 2.74 0.00	47.34 3.19 0.00	48.77 3.04 0.00	38.11 2.28 0.00	31.35 2.07 0.00	32.64 2.07 0.00
ASTORIA_GT_5 24106	19.46 -0.04 -19.88	11.94 -0.03 -12.35	22.58 1.50 0.00	4.75 0.29 0.00	20.51 0.93 -5.13	21.10 1.24 0.00	27.93 1.56 0.00	9.27 0.45 -2.22	12.40 0.87 0.00	23.73 1.78 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.89 1.96 -0.09	24.67 2.35 -0.41	34.71 2.82 -0.69	48.68 3.47 -1.06	50.06 3.13 -1.19	38.06 2.22 -0.01	31.29 2.01 0.00	32.55 1.98 0.00
ASTORIA_GT_7 24107	19.46 -0.04 -19.88	11.94 -0.03 -12.35	22.58 1.50 0.00	4.75 0.29 0.00	20.51 0.93 -5.13	21.10 1.24 0.00	27.93 1.56 0.00	9.27 0.45 -2.22	12.40 0.87 0.00	23.73 1.78 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.89 1.96 -0.09	24.67 2.35 -0.41	34.71 2.82 -0.69	48.68 3.47 -1.06	50.06 3.13 -1.19	38.06 2.22 -0.01	31.29 2.01 0.00	32.55 1.98 0.00
ASTORIA_GT_8 24108	19.46 -0.04 -19.88	11.94 -0.03 -12.35	22.58 1.50 0.00	4.75 0.29 0.00	20.51 0.93 -5.13	21.10 1.24 0.00	27.93 1.56 0.00	9.27 0.45 -2.22	12.40 0.87 0.00	23.73 1.78 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.89 1.96 -0.09	24.67 2.35 -0.41	34.71 2.82 -0.69	48.68 3.47 -1.06	50.06 3.13 -1.19	38.06 2.22 -0.01	31.29 2.01 0.00	32.55 1.98 0.00
ASTORIA___2 24149	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.55 1.47 0.00	4.75 0.28 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.90 1.52 0.00	9.26 0.45 -2.22	12.39 0.86 0.00	23.69 1.74 -0.01	51.32 0.46 -46.01	8.81 0.41 -4.04	6.75 0.60 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.85 1.92 -0.09	24.62 2.29 -0.41	34.62 2.73 -0.69	48.44 3.24 -1.06	49.80 2.87 -1.19	37.99 2.16 -0.01	31.24 1.96 0.00	32.50 1.93 0.00
ASTORIA___3 23516	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.37 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.43 0.90 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.67 0.96 0.00	18.79 1.95 0.00	24.22 2.31 0.00	33.94 2.75 0.00	47.31 3.16 0.00	48.72 2.99 0.00	38.11 2.28 0.00	31.36 2.07 0.00	32.64 2.07 0.00
ASTORIA___4 23517	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.37 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.43 0.90 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.96 0.00	18.79 1.95 0.00	24.22 2.31 0.00	33.94 2.74 0.00	47.34 3.19 0.00	48.77 3.04 0.00	38.11 2.28 0.00	31.35 2.07 0.00	32.64 2.07 0.00
ASTORIA___5 23518	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.37 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.43 0.90 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.67 0.96 0.00	18.79 1.95 0.00	24.22 2.31 0.00	33.94 2.75 0.00	47.31 3.16 0.00	48.72 2.99 0.00	38.11 2.28 0.00	31.36 2.07 0.00	32.64 2.07 0.00
AST_ENERGY_2_CC3 323677	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.67 1.59 0.00	4.78 0.31 0.00	20.57 0.99 -5.13	21.19 1.33 0.00	27.99 1.61 0.00	9.26 0.45 -2.21	12.37 0.84 0.00	23.67 1.72 0.00	51.35 0.44 -46.06	8.81 0.41 -4.04	6.75 0.61 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.94 0.00	18.73 1.89 0.00	24.14 2.23 0.00	33.88 2.69 0.00	47.21 3.07 0.00	48.55 2.82 0.00	37.97 2.15 0.00	31.23 1.95 0.00	32.56 1.99 0.00
AST_ENERGY_2_CC4 323678	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.67 1.59 0.00	4.78 0.31 0.00	20.57 0.99 -5.13	21.19 1.33 0.00	27.99 1.61 0.00	9.26 0.45 -2.21	12.37 0.84 0.00	23.67 1.72 0.00	51.35 0.44 -46.06	8.81 0.41 -4.04	6.75 0.61 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.94 0.00	18.73 1.89 0.00	24.14 2.23 0.00	33.88 2.69 0.00	47.21 3.07 0.00	48.55 2.82 0.00	37.97 2.15 0.00	31.23 1.95 0.00	32.56 1.99 0.00

ATHENS_STG_1 23668	20.86 -0.02 -21.27	12.10 -0.02 -12.49	21.95 0.87 0.00	4.64 0.18 0.00	20.71 0.56 -5.70	20.62 0.76 0.00	27.27 0.89 0.00	9.30 0.26 -2.46	11.97 0.44 0.00	22.83 0.88 0.00	13.06 0.21 -8.00	5.25 0.19 -0.70	6.42 0.28 0.00	4.67 0.22 0.00	2.58 0.13 0.00	8.15 0.44 0.00	17.77 0.93 0.00	23.04 1.13 0.00	32.57 1.38 0.00	45.74 1.59 0.00	47.26 1.52 0.00	36.96 1.14 0.00	30.31 1.02 0.00	31.60 1.03 0.00
ATHENS_STG_2 23670	20.86 -0.02 -21.27	12.10 -0.02 -12.49	21.95 0.87 0.00	4.64 0.18 0.00	20.71 0.56 -5.70	20.62 0.76 0.00	27.27 0.89 0.00	9.30 0.26 -2.46	11.97 0.44 0.00	22.83 0.88 0.00	13.06 0.21 -8.00	5.25 0.19 -0.70	6.42 0.28 0.00	4.67 0.22 0.00	2.58 0.13 0.00	8.15 0.44 0.00	17.77 0.93 0.00	23.04 1.13 0.00	32.57 1.38 0.00	45.74 1.59 0.00	47.26 1.52 0.00	36.96 1.14 0.00	30.31 1.02 0.00	31.60 1.03 0.00
ATHENS_STG_3 23677	20.86 -0.02 -21.27	12.10 -0.02 -12.49	21.95 0.87 0.00	4.64 0.18 0.00	20.71 0.56 -5.70	20.62 0.76 0.00	27.27 0.89 0.00	9.30 0.26 -2.46	11.97 0.44 0.00	22.83 0.88 0.00	13.06 0.21 -8.00	5.25 0.19 -0.70	6.42 0.28 0.00	4.67 0.22 0.00	2.58 0.13 0.00	8.15 0.44 0.00	17.77 0.93 0.00	23.04 1.13 0.00	32.57 1.38 0.00	45.74 1.59 0.00	47.26 1.52 0.00	36.96 1.14 0.00	30.31 1.02 0.00	31.60 1.03 0.00
AUBURN___LFGE 323710	1.90 0.00 -2.29	0.97 0.00 -1.34	20.99 -0.09 0.00	4.43 -0.02 0.00	14.93 -0.14 -0.61	19.74 -0.12 0.00	26.19 -0.18 0.00	6.78 -0.08 -0.27	11.28 -0.25 0.00	21.44 -0.50 0.00	4.72 -0.13 0.00	4.26 -0.10 0.00	5.97 -0.17 0.00	4.34 -0.11 0.00	2.41 -0.05 0.00	7.57 -0.14 0.00	16.47 -0.37 0.00	21.47 -0.45 0.00	30.71 -0.48 0.00	43.65 -0.49 0.00	45.20 -0.54 0.00	35.37 -0.45 0.00	29.36 -0.45 -0.52	30.09 -0.47 0.00
BABYLON_RES_REC 323704	24.95 -0.05 -25.39	20.29 -0.05 -20.71	37.94 2.09 -14.77	11.82 0.42 -6.94	22.81 1.33 -7.03	22.44 1.74 -0.84	28.73 2.05 -0.30	11.31 0.58 -4.15	12.64 0.98 -0.13	25.57 2.05 -1.57	59.66 0.54 -54.27	17.48 0.48 -12.64	8.55 0.69 -1.72	21.70 0.53 -16.72	32.51 0.31 -29.75	30.71 1.01 -21.99	47.86 2.09 -28.93	40.50 2.47 -16.12	50.20 3.04 -15.96	64.57 3.75 -16.68	64.70 3.56 -15.41	47.18 2.77 -8.59	43.38 2.54 -11.55	35.43 2.73 -2.14
BALL_HILL_WT_PWR 323825	2.89 0.01 -3.27	1.57 0.02 -1.92	19.97 -1.11 0.00	4.22 -0.24 0.00	14.43 -0.89 -0.88	18.69 -1.17 0.00	24.80 -1.58 0.00	6.49 -0.47 -0.36	8.60 -0.92 2.00	20.20 -1.69 0.04	4.44 -0.41 0.00	4.06 -0.30 0.00	5.68 -0.46 0.00	4.13 -0.33 0.00	2.33 -0.12 0.00	7.26 -0.44 0.00	15.76 -1.08 0.00	20.27 -1.64 0.00	28.83 -2.37 0.00	40.65 -3.50 0.00	41.89 -3.85 0.00	32.76 -3.06 0.00	25.01 -2.74 1.54	27.84 -2.73 0.00
BARON_WINDS___WT_PWR 323822	3.99 0.01 -4.36	2.21 0.02 -2.56	20.34 -0.74 0.00	4.30 -0.16 0.00	15.04 -0.58 -1.17	19.10 -0.76 0.00	25.34 -1.04 0.00	6.70 -0.33 -0.44	0.27 -0.69 10.57	20.45 -1.27 0.23	4.54 -0.32 0.00	4.13 -0.23 0.00	5.79 -0.35 0.00	4.20 -0.25 0.00	2.35 -0.11 0.00	7.37 -0.34 0.00	16.04 -0.80 0.00	20.76 -1.15 0.00	29.71 -1.49 0.00	42.25 -1.90 0.00	43.66 -2.08 0.00	34.05 -1.77 0.00	24.96 -1.61 2.72	28.92 -1.65 0.00
BARRETT_IC_1 23704	77.79 -0.05 -78.22	102.24 -0.04 -102.65	169.62 1.74 -146.80	86.32 0.36 -81.50	66.45 1.13 -50.87	66.45 1.49 -45.11	69.08 1.77 -40.93	29.16 0.51 -22.06	21.00 0.87 -8.60	59.41 1.86 -35.60	147.68 0.49 -142.33	97.09 0.44 -92.29	59.23 0.63 -52.45	62.48 0.48 -57.54	76.31 0.28 -73.58	178.82 0.91 -170.20	249.36 1.83 -230.70	192.47 2.10 -168.46	206.51 2.59 -172.73	236.07 3.06 -188.85	226.05 2.84 -177.48	123.64 2.24 -85.58	146.12 2.04 -114.79	94.22 2.30 -61.35
BARRETT_IC_10 23701	69.15 -0.05 -69.59	66.85 -0.04 -67.26	73.40 1.74 -50.57	62.87 0.36 -58.05	66.45 1.13 -50.87	66.45 1.49 -45.11	59.49 1.77 -31.35	16.99 0.51 -9.88	21.00 0.87 -8.60	59.41 1.86 -35.60	94.89 0.49 -89.54	55.75 0.44 -50.95	59.23 0.63 -52.45	58.18 0.48 -53.24	59.21 0.28 -56.48	81.47 0.91 -72.85	98.56 1.83 -79.89	65.14 2.10 -41.13	64.73 2.59 -30.94	68.66 3.06 -21.45	60.49 2.84 -11.92	67.09 2.24 -29.03	70.89 2.04 -39.57	61.08 2.30 -28.21
BARRETT_IC_11 23702	69.15 -0.05 -69.59	66.85 -0.04 -67.26	73.40 1.74 -50.57	62.87 0.36 -58.05	66.45 1.13 -50.87	66.45 1.49 -45.11	59.49 1.77 -31.35	16.99 0.51 -9.88	21.00 0.87 -8.60	59.41 1.86 -35.60	94.89 0.49 -89.54	55.75 0.44 -50.95	59.23 0.63 -52.45	58.18 0.48 -53.24	59.21 0.28 -56.48	81.47 0.91 -72.85	98.56 1.83 -79.89	65.14 2.10 -41.13	64.73 2.59 -30.94	68.66 3.06 -21.45	60.49 2.84 -11.92	67.09 2.24 -29.03	70.89 2.04 -39.57	61.08 2.30 -28.21
BARRETT_IC_12 23703	69.15 -0.05 -69.59	66.85 -0.04 -67.26	73.40 1.74 -50.57	62.87 0.36 -58.05	66.45 1.13 -50.87	66.45 1.49 -45.11	59.49 1.77 -31.35	16.99 0.51 -9.88	21.00 0.87 -8.60	59.41 1.86 -35.60	94.89 0.49 -89.54	55.75 0.44 -50.95	59.23 0.63 -52.45	58.18 0.48 -53.24	59.21 0.28 -56.48	81.47 0.91 -72.85	98.56 1.83 -79.89	65.14 2.10 -41.13	64.73 2.59 -30.94	68.66 3.06 -21.45	60.49 2.84 -11.92	67.09 2.24 -29.03	70.89 2.04 -39.57	61.08 2.30 -28.21
BARRETT_IC_2 23705	77.79 -0.05 -78.22	102.24 -0.04 -102.65	169.62 1.74 -146.80	86.32 0.36 -81.50	66.45 1.13 -50.87	66.45 1.49 -45.11	69.08 1.77 -40.93	29.16 0.51 -22.06	21.00 0.87 -8.60	59.41 1.86 -35.60	147.68 0.49 -142.33	97.09 0.44 -92.29	59.23 0.63 -52.45	62.48 0.48 -57.54	76.31 0.28 -73.58	178.82 0.91 -170.20	249.36 1.83 -230.70	192.47 2.10 -168.46	206.51 2.59 -172.73	236.07 3.06 -188.85	226.05 2.84 -177.48	123.64 2.24 -85.58	146.12 2.04 -114.79	94.22 2.30 -61.35
BARRETT_IC_3 23706	77.79 -0.05 -78.22	102.24 -0.04 -102.65	169.62 1.74 -146.80	86.32 0.36 -81.50	66.45 1.13 -50.87	66.45 1.49 -45.11	69.08 1.77 -40.93	29.16 0.51 -22.06	21.00 0.87 -8.60	59.41 1.86 -35.60	147.68 0.49 -142.33	97.09 0.44 -92.29	59.23 0.63 -52.45	62.48 0.48 -57.54	76.31 0.28 -73.58	178.82 0.91 -170.20	249.36 1.83 -230.70	192.47 2.10 -168.46	206.51 2.59 -172.73	236.07 3.06 -188.85	226.05 2.84 -177.48	123.64 2.24 -85.58	146.12 2.04 -114.79	94.22 2.30 -61.35
BARRETT_IC_4 23707	77.79 -0.05 -78.22	102.24 -0.04 -102.65	169.62 1.74 -146.80	86.32 0.36 -81.50	66.45 1.13 -50.87	66.45 1.49 -45.11	69.08 1.77 -40.93	29.16 0.51 -22.06	21.00 0.87 -8.60	59.41 1.86 -35.60	147.68 0.49 -142.33	97.09 0.44 -92.29	59.23 0.63 -52.45	62.48 0.48 -57.54	76.31 0.28 -73.58	178.82 0.91 -170.20	249.36 1.83 -230.70	192.47 2.10 -168.46	206.51 2.59 -172.73	236.07 3.06 -188.85	226.05 2.84 -177.48	123.64 2.24 -85.58	146.12 2.04 -114.79	94.22 2.30 -61.35
BARRETT_IC_5 23708	77.79 -0.05 -78.22	102.24 -0.04 -102.65	169.62 1.74 -146.80	86.32 0.36 -81.50	66.45 1.13 -50.87	66.45 1.49 -45.11	69.08 1.77 -40.93	29.16 0.51 -22.06	21.00 0.87 -8.60	59.41 1.86 -35.60	147.68 0.49 -142.33	97.09 0.44 -92.29	59.23 0.63 -52.45	62.48 0.48 -57.54	76.31 0.28 -73.58	178.82 0.91 -170.20	249.36 1.83 -230.70	192.47 2.10 -168.46	206.51 2.59 -172.73	236.07 3.06 -188.85	226.05 2.84 -177.48	123.64 2.24 -85.58	146.12 2.04 -114.79	94.22 2.30 -61.35

BARRETT_IC_6 23709	77.79 -0.05 -78.22	102.24 -0.04 -102.65	169.62 1.74 -146.80	86.32 0.36 -81.50	66.45 1.13 -50.87	66.45 1.49 -45.11	69.08 1.77 -40.93	29.16 0.51 -22.06	21.00 0.87 -8.60	59.41 1.86 -35.60	147.68 0.49 -142.33	97.09 0.44 -92.29	59.23 0.63 -52.45	62.48 0.48 -57.54	76.31 0.28 -73.58	178.82 0.91 -170.20	249.36 1.83 -230.70	192.47 2.10 -168.46	206.51 2.59 -172.73	236.07 3.06 -188.85	226.05 2.84 -177.48	123.64 2.24 -85.58	146.12 2.04 -114.79	94.22 2.30 -61.35
BARRETT_IC_7 23710	77.79 -0.05 -78.22	102.24 -0.04 -102.65	169.63 1.75 -146.80	86.32 0.36 -81.50	66.46 1.14 -50.87	66.46 1.50 -45.11	69.13 1.82 -40.93	29.17 0.51 -22.06	21.02 0.90 -8.60	59.44 1.89 -35.60	147.68 0.50 -142.33	97.09 0.44 -92.29	59.23 0.64 -52.45	62.48 0.48 -57.54	76.31 0.28 -73.58	178.83 0.92 -170.20	249.37 1.83 -230.70	192.48 2.11 -168.46	206.51 2.59 -172.73	236.07 3.07 -188.85	226.07 2.86 -177.48	123.64 2.25 -85.58	146.11 2.04 -114.79	94.23 2.32 -61.35
BARRETT_IC_8 23711	77.79 -0.05 -78.22	102.24 -0.04 -102.65	169.62 1.74 -146.80	86.32 0.36 -81.50	66.45 1.13 -50.87	66.45 1.49 -45.11	69.08 1.77 -40.93	29.16 0.51 -22.06	21.00 0.87 -8.60	59.41 1.86 -35.60	147.68 0.49 -142.33	97.09 0.44 -92.29	59.23 0.63 -52.45	62.48 0.48 -57.54	76.31 0.28 -73.58	178.82 0.91 -170.20	249.36 1.83 -230.70	192.47 2.10 -168.46	206.51 2.59 -172.73	236.07 3.06 -188.85	226.05 2.84 -177.48	123.64 2.24 -85.58	146.12 2.04 -114.79	94.22 2.30 -61.35
BARRETT_IC_9 23700	69.15 -0.05 -69.59	66.85 -0.04 -67.26	73.40 1.74 -50.57	62.87 0.36 -58.05	66.45 1.13 -50.87	66.45 1.49 -45.11	59.49 1.77 -31.35	16.99 0.51 -9.88	21.00 0.87 -8.60	59.41 1.86 -35.60	94.89 0.49 -89.54	55.75 0.44 -50.95	59.23 0.63 -52.45	58.18 0.48 -53.24	59.21 0.28 -56.48	81.47 0.91 -72.85	98.56 1.83 -79.89	65.14 2.10 -41.13	64.73 2.59 -30.94	68.66 3.06 -21.45	60.49 2.84 -11.92	67.09 2.24 -29.03	70.89 2.04 -39.57	61.08 2.30 -28.21
BARRETT___1 23545	77.79 -0.05 -78.22	102.24 -0.04 -102.65	169.62 1.74 -146.80	86.32 0.36 -81.50	66.45 1.13 -50.87	66.45 1.49 -45.11	69.08 1.77 -40.93	29.16 0.51 -22.06	21.00 0.87 -8.60	59.41 1.86 -35.60	147.68 0.49 -142.33	97.09 0.44 -92.29	59.23 0.63 -52.45	62.48 0.48 -57.54	76.31 0.28 -73.58	178.82 0.91 -170.20	249.36 1.83 -230.70	192.47 2.10 -168.46	206.51 2.59 -172.73	236.07 3.06 -188.85	226.05 2.84 -177.48	123.64 2.24 -85.58	146.12 2.04 -114.79	94.22 2.30 -61.35
BARRETT___2 23546	69.15 -0.05 -69.59	66.85 -0.04 -67.26	73.40 1.74 -50.57	62.87 0.36 -58.05	66.45 1.13 -50.87	66.45 1.49 -45.11	59.49 1.77 -31.35	16.99 0.51 -9.88	21.00 0.87 -8.60	59.41 1.86 -35.60	94.89 0.49 -89.54	55.75 0.44 -50.95	59.23 0.63 -52.45	58.18 0.48 -53.24	59.21 0.28 -56.48	81.47 0.91 -72.85	98.56 1.83 -79.89	65.14 2.10 -41.13	64.73 2.59 -30.94	68.66 3.06 -21.45	60.49 2.84 -11.92	67.09 2.24 -29.03	70.89 2.04 -39.57	61.08 2.30 -28.21
BATAVIA___115KV_TB1 55881	2.34 0.01 -2.72	1.24 0.02 -1.60	20.04 -1.03 0.00	4.24 -0.22 0.00	14.34 -0.84 -0.73	18.73 -1.12 0.00	24.99 -1.39 0.00	6.44 -0.46 -0.31	9.50 -1.01 1.02	19.90 -2.03 0.02	4.39 -0.46 0.00	3.99 -0.37 0.00	5.58 -0.56 0.00	4.05 -0.40 0.00	2.29 -0.17 0.00	7.10 -0.61 0.00	15.43 -1.40 0.00	20.13 -1.77 0.00	28.62 -2.57 0.00	40.87 -3.28 0.00	42.35 -3.38 0.00	33.28 -2.54 0.00	25.84 -2.33 1.11	28.32 -2.25 0.00
BAYONEEC___CTG1 323682	19.51 -0.04 -19.94	12.03 -0.04 -12.44	22.66 1.58 0.00	4.78 0.31 0.00	20.56 0.98 -5.13	21.18 1.32 0.00	27.98 1.60 0.00	9.26 0.46 -2.22	12.37 0.84 0.00	23.67 1.72 -0.01	51.36 0.44 -46.06	8.81 0.41 -4.04	6.75 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.91 0.00	30.19 2.25 -6.02	37.99 2.74 -4.05	47.52 3.16 -0.21	48.65 2.92 0.00	39.38 2.23 -1.34	32.88 2.00 -1.59	33.80 2.06 -1.18
BAYONEEC___CTG10 323750	19.51 -0.04 -19.94	12.03 -0.04 -12.44	22.66 1.58 0.00	4.78 0.31 0.00	20.56 0.98 -5.13	21.18 1.32 0.00	27.98 1.60 0.00	9.26 0.46 -2.22	12.37 0.84 0.00	23.67 1.72 -0.01	51.36 0.44 -46.06	8.81 0.41 -4.04	6.75 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.91 0.00	30.19 2.25 -6.02	37.99 2.74 -4.05	47.52 3.16 -0.21	48.65 2.92 0.00	39.38 2.23 -1.34	32.88 2.00 -1.59	33.80 2.06 -1.18
BAYONEEC___CTG2 323683	19.51 -0.04 -19.94	12.03 -0.04 -12.44	22.66 1.58 0.00	4.78 0.31 0.00	20.56 0.98 -5.13	21.18 1.32 0.00	27.98 1.60 0.00	9.26 0.46 -2.22	12.37 0.84 0.00	23.67 1.72 -0.01	51.36 0.44 -46.06	8.81 0.41 -4.04	6.75 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.91 0.00	30.19 2.25 -6.02	37.99 2.74 -4.05	47.52 3.16 -0.21	48.65 2.92 0.00	39.38 2.23 -1.34	32.88 2.00 -1.59	33.80 2.06 -1.18
BAYONEEC___CTG3 323684	19.51 -0.04 -19.94	12.03 -0.04 -12.44	22.66 1.58 0.00	4.78 0.31 0.00	20.56 0.98 -5.13	21.18 1.32 0.00	27.98 1.60 0.00	9.26 0.46 -2.22	12.37 0.84 0.00	23.67 1.72 -0.01	51.36 0.44 -46.06	8.81 0.41 -4.04	6.75 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.91 0.00	30.19 2.25 -6.02	37.99 2.74 -4.05	47.52 3.16 -0.21	48.65 2.92 0.00	39.38 2.23 -1.34	32.88 2.00 -1.59	33.80 2.06 -1.18
BAYONEEC___CTG4 323685	19.51 -0.04 -19.94	12.03 -0.04 -12.44	22.66 1.58 0.00	4.78 0.31 0.00	20.56 0.98 -5.13	21.18 1.32 0.00	27.98 1.60 0.00	9.26 0.46 -2.22	12.37 0.84 0.00	23.67 1.72 -0.01	51.36 0.44 -46.06	8.81 0.41 -4.04	6.75 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.91 0.00	30.19 2.25 -6.02	37.99 2.74 -4.05	47.52 3.16 -0.21	48.65 2.92 0.00	39.38 2.23 -1.34	32.88 2.00 -1.59	33.80 2.06 -1.18
BAYONEEC___CTG5 323686	19.51 -0.04 -19.94	12.03 -0.04 -12.44	22.66 1.58 0.00	4.78 0.31 0.00	20.56 0.98 -5.13	21.18 1.32 0.00	27.98 1.60 0.00	9.26 0.46 -2.22	12.37 0.84 0.00	23.67 1.72 -0.01	51.36 0.44 -46.06	8.81 0.41 -4.04	6.75 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.91 0.00	30.19 2.25 -6.02	37.99 2.74 -4.05	47.52 3.16 -0.21	48.65 2.92 0.00	39.38 2.23 -1.34	32.88 2.00 -1.59	33.80 2.06 -1.18
BAYONEEC___CTG6 323687	19.51 -0.04 -19.94	12.03 -0.04 -12.44	22.66 1.58 0.00	4.78 0.31 0.00	20.56 0.98 -5.13	21.18 1.32 0.00	27.98 1.60 0.00	9.26 0.46 -2.22	12.37 0.84 0.00	23.67 1.72 -0.01	51.36 0.44 -46.06	8.81 0.41 -4.04	6.75 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.91 0.00	30.19 2.25 -6.02	37.99 2.74 -4.05	47.52 3.16 -0.21	48.65 2.92 0.00	39.38 2.23 -1.34	32.88 2.00 -1.59	33.80 2.06 -1.18
BAYONEEC___CTG7 323688	19.51 -0.04 -19.94	12.03 -0.04 -12.44	22.66 1.58 0.00	4.78 0.31 0.00	20.56 0.98 -5.13	21.18 1.32 0.00	27.98 1.60 0.00	9.26 0.46 -2.22	12.37 0.84 0.00	23.67 1.72 -0.01	51.36 0.44 -46.06	8.81 0.41 -4.04	6.75 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.91 0.00	30.19 2.25 -6.02	37.99 2.74 -4.05	47.52 3.16 -0.21	48.65 2.92 0.00	39.38 2.23 -1.34	32.88 2.00 -1.59	33.80 2.06 -1.18

BAYONEEC___CTG8 323689	19.51 -0.04 -19.94	12.03 -0.04 -12.44	22.66 1.58 0.00	4.78 0.31 0.00	20.56 0.98 -5.13	21.18 1.32 0.00	27.98 1.60 0.00	9.26 0.46 -2.22	12.37 0.84 0.00	23.67 1.72 -0.01	51.36 0.44 -46.06	8.81 0.41 -4.04	6.75 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.91 0.00	30.19 2.25 -6.02	37.99 2.74 -4.05	47.52 3.16 -0.21	48.65 2.92 0.00	39.38 2.23 -1.34	32.88 2.00 -1.59	33.80 2.06 -1.18
BAYONEEC___CTG9 323749	19.51 -0.04 -19.94	12.03 -0.04 -12.44	22.66 1.58 0.00	4.78 0.31 0.00	20.56 0.98 -5.13	21.18 1.32 0.00	27.98 1.60 0.00	9.26 0.46 -2.22	12.37 0.84 0.00	23.67 1.72 -0.01	51.36 0.44 -46.06	8.81 0.41 -4.04	6.75 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.91 0.00	30.19 2.25 -6.02	37.99 2.74 -4.05	47.52 3.16 -0.21	48.65 2.92 0.00	39.38 2.23 -1.34	32.88 2.00 -1.59	33.80 2.06 -1.18
BEACON___LESR 323632	23.44 -0.01 -23.84	13.62 -0.01 -14.00	21.88 0.80 0.00	4.62 0.15 0.00	21.33 0.49 -6.39	20.54 0.69 0.00	27.19 0.81 0.00	9.56 0.22 -2.76	11.88 0.35 0.00	22.52 0.57 0.00	10.85 0.13 -5.88	4.96 0.08 -0.52	6.28 0.14 0.00	4.57 0.12 0.00	2.52 0.07 0.00	7.95 0.24 0.00	17.44 0.61 0.00	22.78 0.87 0.00	32.35 1.15 0.00	45.54 1.39 0.00	47.00 1.27 0.00	36.79 0.96 0.00	30.08 0.80 0.00	31.41 0.84 0.00
BEAVER RIVER___HYD 24048	0.33 0.02 -0.70	0.05 0.01 -0.41	20.42 -0.66 0.00	4.32 -0.14 0.00	14.17 -0.47 -0.19	19.33 -0.53 0.00	25.77 -0.61 0.00	6.47 -0.20 -0.08	11.06 -0.46 0.00	21.01 -0.93 0.00	4.62 -0.23 0.00	4.14 -0.22 0.00	5.83 -0.32 0.00	4.22 -0.24 0.00	2.32 -0.13 0.00	7.30 -0.41 0.00	16.01 -0.83 0.00	21.03 -0.88 0.00	30.34 -0.86 0.00	43.82 -0.33 0.00	45.84 0.11 0.00	35.97 0.15 0.00	29.27 -0.01 0.00	30.46 -0.10 0.00
BEEBEE_GT_13 23619	1.98 0.01 -2.36	1.03 0.01 -1.39	20.18 -0.90 0.00	4.27 -0.19 0.00	14.38 -0.71 -0.63	18.90 -0.96 0.00	25.14 -1.24 0.00	6.49 -0.38 -0.27	10.73 -0.80 0.00	20.45 -1.50 0.00	4.51 -0.34 0.00	4.08 -0.28 0.00	5.73 -0.41 0.00	4.16 -0.30 0.00	2.32 -0.13 0.00	7.27 -0.44 0.00	15.85 -0.99 0.00	20.51 -1.40 0.00	29.29 -1.90 0.00	41.57 -2.58 0.00	42.94 -2.79 0.00	33.66 -2.16 0.00	26.46 -1.96 0.86	28.67 -1.90 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.84 1.75 0.00	4.81 0.35 0.00	20.67 1.09 -5.13	21.33 1.47 0.00	28.20 1.82 0.00	9.32 0.51 -2.22	12.47 0.94 0.00	23.86 1.91 -0.01	51.35 0.48 -46.01	8.84 0.44 -4.04	6.79 0.65 0.00	4.96 0.51 0.00	2.75 0.30 0.00	8.72 1.01 0.00	18.92 2.08 0.00	37.90 2.48 -13.51	50.90 2.95 -16.75	49.69 3.44 -2.10	49.18 3.45 0.00	51.71 2.65 -13.24	47.42 2.35 -15.79	44.61 2.37 -11.67
BETHLEHEM___GRP 23843	23.46 -0.01 -23.86	13.63 -0.01 -14.00	21.53 0.45 0.00	4.55 0.09 0.00	21.12 0.28 -6.39	20.24 0.38 0.00	26.79 0.41 0.00	9.48 0.13 -2.76	11.71 0.18 0.00	22.24 0.30 0.00	10.79 0.07 -5.87	4.92 0.04 -0.51	6.21 0.07 0.00	4.52 0.07 0.00	2.50 0.04 0.00	7.86 0.16 0.00	17.22 0.38 0.00	22.45 0.54 0.00	31.76 0.56 0.00	44.66 0.51 0.00	46.21 0.47 0.00	36.18 0.36 0.00	29.65 0.36 0.00	30.93 0.36 0.00
BETHLEHEM___GS1 323560	23.46 -0.01 -23.86	13.63 -0.01 -14.00	21.53 0.45 0.00	4.55 0.09 0.00	21.12 0.28 -6.39	20.24 0.38 0.00	26.79 0.41 0.00	9.48 0.13 -2.76	11.71 0.18 0.00	22.24 0.30 0.00	10.79 0.07 -5.87	4.92 0.04 -0.51	6.21 0.07 0.00	4.52 0.07 0.00	2.50 0.04 0.00	7.86 0.16 0.00	17.22 0.38 0.00	22.45 0.54 0.00	31.76 0.56 0.00	44.67 0.52 0.00	46.21 0.47 0.00	36.18 0.36 0.00	29.64 0.36 0.00	30.93 0.36 0.00
BETHLEHEM___GS2 323561	23.46 -0.01 -23.86	13.63 -0.01 -14.00	21.53 0.45 0.00	4.55 0.09 0.00	21.12 0.28 -6.39	20.24 0.38 0.00	26.79 0.41 0.00	9.48 0.13 -2.76	11.71 0.18 0.00	22.24 0.30 0.00	10.79 0.07 -5.87	4.92 0.04 -0.51	6.21 0.07 0.00	4.52 0.07 0.00	2.50 0.04 0.00	7.86 0.16 0.00	17.22 0.38 0.00	22.45 0.54 0.00	31.76 0.56 0.00	44.67 0.52 0.00	46.21 0.47 0.00	36.18 0.36 0.00	29.64 0.36 0.00	30.93 0.36 0.00
BETHLEHEM___GS3 323562	23.46 -0.01 -23.86	13.63 -0.01 -14.00	21.53 0.45 0.00	4.55 0.09 0.00	21.12 0.28 -6.39	20.24 0.38 0.00	26.79 0.41 0.00	9.48 0.13 -2.76	11.71 0.18 0.00	22.24 0.30 0.00	10.79 0.07 -5.87	4.92 0.04 -0.51	6.21 0.07 0.00	4.52 0.07 0.00	2.50 0.04 0.00	7.86 0.16 0.00	17.22 0.38 0.00	22.45 0.54 0.00	31.76 0.56 0.00	44.67 0.52 0.00	46.21 0.47 0.00	36.18 0.36 0.00	29.64 0.36 0.00	30.93 0.36 0.00
BETHLEHEM___STEEL 23779	2.83 0.01 -3.21	1.54 0.02 -1.88	19.86 -1.22 0.00	4.20 -0.27 0.00	14.33 -0.98 -0.86	18.53 -1.32 0.00	24.66 -1.72 0.00	6.43 -0.52 -0.36	8.54 -1.04 1.96	19.96 -1.94 0.04	4.39 -0.46 0.00	4.01 -0.35 0.00	5.61 -0.53 0.00	4.08 -0.38 0.00	2.30 -0.15 0.00	7.17 -0.53 0.00	15.56 -1.28 0.00	20.06 -1.85 0.00	28.55 -2.65 0.00	40.41 -3.74 0.00	41.56 -4.17 0.00	32.58 -3.24 0.00	24.92 -2.87 1.49	27.82 -2.75 0.00
BETHLHEM_115KV_TB1 79974	23.44 0.00 -23.84	13.62 0.00 -13.99	21.58 0.50 0.00	4.56 0.10 0.00	21.15 0.31 -6.39	20.29 0.43 0.00	26.85 0.47 0.00	9.49 0.14 -2.75	11.74 0.21 0.00	22.31 0.37 0.00	10.79 0.08 -5.85	4.93 0.05 -0.51	6.23 0.09 0.00	4.54 0.08 0.00	2.50 0.05 0.00	7.89 0.18 0.00	17.27 0.43 0.00	22.50 0.59 0.00	31.84 0.65 0.00	44.78 0.63 0.00	46.33 0.60 0.00	36.27 0.45 0.00	29.73 0.45 0.00	31.01 0.44 0.00
BETHPAGE_CC_5 323564	27.66 -0.05 -28.10	24.18 -0.04 -24.60	43.57 2.02 -20.48	15.35 0.40 -10.48	24.89 1.29 -9.16	24.46 1.69 -2.92	30.43 2.00 -2.05	12.08 0.56 -4.92	13.03 0.97 -0.52	27.21 2.04 -3.23	63.52 0.53 -58.14	21.13 0.47 -16.29	10.98 0.69 -4.15	24.59 0.52 -19.61	36.22 0.31 -33.46	37.60 1.00 -28.89	56.95 2.04 -38.07	47.01 2.41 -22.70	56.84 2.92 -22.72	71.81 3.58 -24.09	71.52 3.39 -22.39	50.36 2.63 -11.91	47.69 2.40 -16.01	37.66 2.62 -4.48
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	2.87 0.01 -3.25	1.56 0.02 -1.91	19.93 -1.15 0.00	4.22 -0.25 0.00	14.40 -0.92 -0.87	18.61 -1.24 0.00	24.75 -1.63 0.00	6.46 -0.49 -0.36	8.69 -0.98 1.85	20.06 -1.84 0.04	4.42 -0.44 0.00	4.03 -0.33 0.00	5.64 -0.51 0.00	4.10 -0.36 0.00	2.31 -0.14 0.00	7.20 -0.50 0.00	15.63 -1.21 0.00	20.15 -1.76 0.00	28.68 -2.52 0.00	40.59 -3.55 0.00	41.76 -3.98 0.00	32.72 -3.10 0.00	25.02 -2.75 1.52	27.93 -2.64 0.00
BINGHAMTON___COGEN 23790	5.99 0.00 -6.38	3.38 0.00 -3.75	21.12 0.04 0.00	4.47 0.01 0.00	16.18 0.02 -1.71	19.88 0.02 0.00	26.34 -0.04 0.00	7.30 -0.03 -0.74	11.43 -0.10 0.00	21.78 -0.16 0.00	4.80 -0.06 0.00	4.35 -0.02 0.00	6.11 -0.04 0.00	4.43 -0.02 0.00	2.45 0.00 0.00	7.73 0.02 0.00	16.85 0.01 0.00	21.85 -0.06 0.00	31.10 -0.10 0.00	43.97 -0.18 0.00	45.42 -0.31 0.00	35.49 -0.33 0.00	28.24 -0.33 0.71	30.24 -0.33 0.00

BIXINCNT_115KV_LOAD 355685	3.04 0.01 -3.43	1.67 0.02 -2.01	20.25 -0.83 0.00	4.29 -0.17 0.00	14.70 -0.67 -0.92	18.94 -0.91 0.00	25.13 -1.25 0.00	6.59 -0.39 -0.39	9.50 -0.74 1.29	20.55 -1.37 0.03	4.51 -0.34 0.00	4.13 -0.24 0.00	5.76 -0.38 0.00	4.19 -0.27 0.00	2.35 -0.10 0.00	7.34 -0.37 0.00	15.94 -0.90 0.00	20.54 -1.38 0.00	29.23 -1.97 0.00	41.33 -2.82 0.00	42.48 -3.25 0.00	33.13 -2.69 0.00	25.28 -2.33 1.67	28.17 -2.40 0.00
BLACK RIVER___HYD 24047	0.60 0.02 -0.97	0.20 0.00 -0.57	20.47 -0.61 0.00	4.33 -0.13 0.00	14.27 -0.45 -0.26	19.38 -0.47 0.00	25.81 -0.57 0.00	6.49 -0.22 -0.11	10.95 -0.57 0.00	20.79 -1.16 0.00	4.57 -0.28 0.00	4.10 -0.27 0.00	5.76 -0.38 0.00	4.17 -0.28 0.00	2.30 -0.15 0.00	7.24 -0.47 0.00	15.87 -0.97 0.00	20.85 -1.06 0.00	30.12 -1.08 0.00	43.83 -0.32 0.00	46.04 0.31 0.00	36.12 0.29 0.00	29.35 0.08 0.00	30.52 -0.05 0.00
BLACKRVR_115KV_TB2 79977	0.60 0.02 -0.97	0.20 0.00 -0.57	20.47 -0.61 0.00	4.33 -0.13 0.00	14.27 -0.45 -0.26	19.38 -0.47 0.00	25.81 -0.57 0.00	6.49 -0.22 -0.11	10.95 -0.57 0.00	20.79 -1.16 0.00	4.57 -0.28 0.00	4.10 -0.27 0.00	5.76 -0.39 0.00	4.17 -0.28 0.00	2.30 -0.15 0.00	7.24 -0.47 0.00	15.87 -0.97 0.00	20.85 -1.06 0.00	30.12 -1.08 0.00	43.83 -0.31 0.00	46.05 0.32 0.00	36.12 0.29 0.00	29.36 0.08 0.00	30.52 -0.05 0.00
BLDWN_LI_69_KV_BK4 356085	41.64 -0.05 -42.08	45.52 -0.04 -45.94	77.21 1.92 -54.21	34.62 0.39 -29.78	36.07 1.24 -20.39	35.59 1.63 -14.11	40.46 1.97 -12.11	16.65 0.55 -9.50	15.15 0.97 -2.66	35.92 2.02 -11.96	85.98 0.52 -80.60	41.66 0.46 -36.84	23.90 0.67 -17.08	37.08 0.51 -32.11	51.11 0.30 -48.36	76.36 0.98 -67.67	109.37 2.02 -90.51	85.74 2.36 -61.47	96.56 2.83 -62.53	115.31 3.48 -67.68	112.55 3.44 -63.38	70.04 2.64 -31.58	74.04 2.36 -42.39	52.27 2.57 -19.14
BLISS_WT_PWR 323608	3.05 0.01 -3.43	1.67 0.03 -2.01	20.22 -0.86 0.00	4.28 -0.18 0.00	14.68 -0.69 -0.92	18.92 -0.94 0.00	25.08 -1.30 0.00	6.58 -0.40 -0.39	9.49 -0.75 1.29	20.55 -1.36 0.03	4.51 -0.34 0.00	4.13 -0.23 0.00	5.76 -0.38 0.00	4.19 -0.27 0.00	2.35 -0.10 0.00	7.34 -0.37 0.00	15.95 -0.89 0.00	20.55 -1.36 0.00	29.23 -1.97 0.00	41.19 -2.95 0.00	42.47 -3.27 0.00	33.07 -2.75 0.00	25.25 -2.36 1.67	28.08 -2.48 0.00
BLUESTONE___WT_PWR 323821	6.33 -0.07 -6.79	3.54 -0.07 -3.99	21.70 0.62 0.00	4.60 0.14 0.00	16.69 0.42 -1.82	20.24 0.39 0.00	26.93 0.55 0.00	7.48 0.10 -0.78	11.77 0.24 0.00	22.23 0.28 0.00	4.79 -0.07 0.00	4.38 0.01 0.00	6.16 0.02 0.00	4.45 -0.01 0.00	2.46 0.01 0.00	7.79 0.08 0.00	17.14 0.30 0.00	22.52 0.61 0.00	32.43 1.24 0.00	46.20 2.06 0.00	47.87 2.14 0.00	37.30 1.48 0.00	31.07 1.03 -0.75	31.71 1.14 0.00
BLUE_CIRC_CHEM_DRP 24182	23.09 -0.01 -23.49	13.40 -0.01 -13.79	21.79 0.71 0.00	4.61 0.14 0.00	21.20 0.46 -6.29	20.50 0.63 0.00	27.12 0.75 0.00	9.49 0.18 -2.71	11.78 0.25 0.00	22.38 0.44 0.00	4.94 0.09 0.00	4.43 0.07 0.00	6.25 0.10 0.00	4.54 0.09 0.00	2.50 0.05 0.00	7.89 0.18 0.00	17.28 0.44 0.00	22.54 0.63 0.00	32.05 0.85 0.00	45.24 1.09 0.00	46.81 1.08 0.00	36.64 0.82 0.00	30.00 0.72 0.00	31.29 0.73 0.00
BOC_GAS_DRP 24189	23.33 -0.01 -23.73	13.55 -0.01 -13.93	21.69 0.61 0.00	4.59 0.12 0.00	21.20 0.39 -6.36	20.39 0.53 0.00	27.00 0.62 0.00	9.51 0.17 -2.74	11.81 0.28 0.00	22.48 0.53 0.00	10.77 0.12 -5.79	4.97 0.10 -0.51	6.29 0.15 0.00	4.58 0.12 0.00	2.53 0.07 0.00	7.96 0.25 0.00	17.39 0.55 0.00	22.62 0.71 0.00	32.03 0.83 0.00	45.08 0.93 0.00	46.64 0.91 0.00	36.50 0.68 0.00	29.91 0.63 0.00	31.20 0.63 0.00
BOONVILLE_115KV_TB1 79983	0.23 0.00 -0.62	-0.01 0.00 -0.36	21.08 0.00 0.00	4.45 -0.01 0.00	14.58 -0.04 -0.16	19.88 0.03 0.00	26.46 0.08 0.00	6.66 -0.01 -0.07	11.43 -0.10 0.00	21.73 -0.22 0.00	4.79 -0.06 0.00	4.30 -0.06 0.00	6.05 -0.09 0.00	4.39 -0.07 0.00	2.42 -0.03 0.00	7.61 -0.10 0.00	16.68 -0.16 0.00	21.83 -0.08 0.00	31.31 0.12 0.00	44.71 0.57 0.00	46.48 0.74 0.00	36.40 0.57 0.00	29.66 0.38 0.00	30.89 0.33 0.00
BORALEX_4TH_BRANCH 23824	23.59 -0.01 -23.99	13.70 -0.01 -14.08	22.19 1.11 0.00	4.69 0.23 0.00	21.62 0.74 -6.43	20.87 1.01 0.00	27.62 1.24 0.00	9.70 0.34 -2.77	12.06 0.53 0.00	22.80 0.86 0.00	11.13 0.14 -6.14	4.97 0.06 -0.54	6.24 0.09 0.00	4.56 0.11 0.00	2.51 0.06 0.00	7.90 0.19 0.00	17.40 0.57 0.00	22.91 1.00 0.00	32.59 1.39 0.00	46.13 1.98 0.00	47.76 2.03 0.00	37.42 1.60 0.00	30.61 1.33 0.00	31.92 1.35 0.00
BOWLINE___1 23526	18.21 -0.04 -18.64	10.54 -0.03 -10.94	22.40 1.32 0.00	4.72 0.26 0.00	20.26 0.82 -4.99	20.95 1.09 0.00	27.69 1.31 0.00	9.12 0.37 -2.15	12.20 0.67 0.00	23.33 1.38 0.00	-58.32 0.34 63.52	-0.89 0.32 5.58	6.63 0.48 0.00	4.83 0.38 0.00	2.69 0.23 0.00	8.49 0.78 0.00	18.44 1.60 0.00	23.79 1.88 0.00	33.50 2.30 0.00	46.80 2.65 0.00	48.20 2.47 0.00	37.67 1.85 0.00	30.96 1.67 0.00	32.25 1.68 0.00
BOWLINE___2 23595	18.21 -0.04 -18.64	10.54 -0.03 -10.94	22.40 1.32 0.00	4.72 0.26 0.00	20.26 0.82 -4.99	20.95 1.09 0.00	27.69 1.31 0.00	9.12 0.37 -2.15	12.20 0.67 0.00	23.33 1.38 0.00	-58.37 0.34 63.57	-0.89 0.32 5.58	6.63 0.48 0.00	4.83 0.38 0.00	2.69 0.23 0.00	8.49 0.78 0.00	18.44 1.60 0.00	23.79 1.88 0.00	33.50 2.30 0.00	46.80 2.65 0.00	48.20 2.47 0.00	37.67 1.85 0.00	30.96 1.67 0.00	32.25 1.68 0.00
BRADY___115KV_TB2 356060	-0.39 0.00 0.00	-0.37 0.00 0.00	20.91 -0.17 0.00	4.43 -0.03 0.00	14.38 -0.07 0.00	19.78 -0.07 0.00	26.38 0.00 0.00	6.55 -0.04 0.00	11.45 -0.07 0.00	21.76 -0.18 0.00	4.81 -0.04 0.00	4.32 -0.05 0.00	6.06 -0.08 0.00	4.37 -0.08 0.00	2.39 -0.06 0.00	7.47 -0.24 0.00	16.36 -0.48 0.00	21.42 -0.49 0.00	30.75 -0.44 0.00	44.06 -0.09 0.00	46.18 0.45 0.00	36.45 0.63 0.00	29.70 0.42 0.00	31.03 0.47 0.00
BRANSCOMB___SOLAR 323811	24.01 -0.02 -24.42	13.95 -0.02 -14.33	22.10 1.02 0.00	4.67 0.21 0.00	21.67 0.68 -6.54	20.80 0.95 0.00	27.52 1.14 0.00	9.70 0.29 -2.82	11.94 0.41 0.00	22.56 0.62 0.00	4.94 0.08 0.00	4.43 0.06 0.00	6.25 0.11 0.00	4.56 0.11 0.00	2.51 0.06 0.00	7.93 0.23 0.00	17.42 0.59 0.00	22.86 0.95 0.00	32.64 1.45 0.00	46.27 2.13 0.00	47.95 2.22 0.00	37.50 1.68 0.00	30.61 1.33 0.00	31.85 1.28 0.00
BRDGHMPT_69_KV_BK1 55812	21.43 -0.06 -21.89	14.94 -0.07 -15.38	30.11 2.62 -6.41	7.26 0.52 -2.27	20.55 1.61 -4.49	20.22 1.96 1.59	26.88 2.35 1.84	10.24 0.63 -3.02	12.30 1.10 0.33	23.89 2.36 0.41	54.30 0.63 -48.81	12.49 0.56 -7.57	5.78 0.80 1.16	17.66 0.61 -12.59	26.80 0.38 -23.97	20.92 1.29 -11.92	34.95 2.74 -15.37	31.69 3.34 -6.44	41.54 4.35 -5.99	55.41 5.52 -5.74	55.38 4.58 -5.07	42.73 3.20 -3.71	37.44 3.14 -5.01	32.87 3.44 1.13

BRENTWOD_69_KV_W. BRTWOOD 56703	22.18 -0.06 -22.63	16.07 -0.05 -16.49	31.40 2.21 -8.11	8.17 0.44 -3.26	20.91 1.41 -5.05	20.64 1.84 1.05	27.19 2.19 1.38	10.45 0.61 -3.25	12.34 1.04 0.23	24.14 2.17 -0.02	55.36 0.57 -49.94	13.48 0.50 -8.62	6.35 0.72 0.52	18.43 0.55 -13.43	27.87 0.32 -25.09	22.73 1.06 -13.96	37.14 2.20 -18.10	32.90 2.58 -8.41	42.38 3.17 -8.02	55.95 3.84 -7.96	56.58 3.67 -7.18	43.40 2.88 -4.70	38.30 2.68 -6.34	33.02 2.90 0.45
BRISTLHL_115KV_TB1 79998	1.06 0.01 -1.44	0.48 0.01 -0.85	20.57 -0.51 0.00	4.36 -0.11 0.00	14.47 -0.37 -0.39	19.35 -0.50 0.00	25.68 -0.70 0.00	6.57 -0.20 -0.17	11.12 -0.41 0.00	21.17 -0.78 0.00	4.67 -0.18 0.00	4.21 -0.16 0.00	5.93 -0.22 0.00	4.30 -0.16 0.00	2.37 -0.08 0.00	7.47 -0.24 0.00	16.31 -0.53 0.00	21.20 -0.71 0.00	30.19 -1.00 0.00	42.77 -1.38 0.00	44.33 -1.40 0.00	34.71 -1.11 0.00	28.32 -0.96 0.00	29.56 -1.01 0.00
BROOKHAVEN__DRP 24191	21.41 -0.06 -21.87	14.92 -0.06 -15.35	29.82 2.37 -6.36	7.18 0.48 -2.24	20.43 1.51 -4.48	20.20 1.96 1.61	26.86 2.34 1.86	10.24 0.64 -3.01	12.28 1.09 0.33	23.79 2.27 0.43	54.22 0.59 -48.78	12.42 0.52 -7.54	5.71 0.74 1.18	17.59 0.57 -12.57	26.72 0.34 -23.94	20.69 1.11 -11.87	34.45 2.32 -15.29	31.07 2.77 -6.39	40.60 3.47 -5.93	54.09 4.27 -5.67	54.72 3.98 -5.01	42.59 3.09 -3.68	37.13 2.87 -4.98	32.49 3.08 1.15
BROOKLYN_NAVY_YARD 23515	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.63 1.55 0.00	4.77 0.30 0.00	20.54 0.96 -5.13	21.15 1.30 0.00	27.92 1.54 0.00	9.25 0.44 -2.21	12.35 0.83 0.00	23.63 1.69 0.00	51.35 0.44 -46.06	8.80 0.40 -4.04	6.74 0.59 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.85 1.89 -0.12	24.71 2.23 -0.57	34.84 2.68 -0.96	48.72 3.10 -1.47	50.28 2.88 -1.66	38.00 2.17 -0.02	31.24 1.96 0.00	32.58 2.01 0.00
BROOKLYN__ARMY_DRP 323595	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
BROOME_2_LFGE 323671	5.99 0.00 -6.38	3.38 0.00 -3.75	21.12 0.04 0.00	4.48 0.01 0.00	16.18 0.02 -1.71	19.88 0.02 0.00	26.34 -0.04 0.00	7.30 -0.03 -0.74	11.43 -0.10 0.00	21.78 -0.16 0.00	4.80 -0.05 0.00	4.35 -0.02 0.00	6.11 -0.04 0.00	4.43 -0.02 0.00	2.45 0.00 0.00	7.73 0.02 0.00	16.85 0.01 0.00	21.85 -0.06 0.00	31.09 -0.10 0.00	43.96 -0.19 0.00	45.42 -0.32 0.00	35.49 -0.33 0.00	28.23 -0.34 0.71	30.24 -0.33 0.00
BROOME__LFGE 323600	5.99 0.00 -6.38	3.38 0.00 -3.75	21.12 0.04 0.00	4.48 0.01 0.00	16.18 0.02 -1.71	19.88 0.02 0.00	26.34 -0.04 0.00	7.30 -0.03 -0.74	11.43 -0.10 0.00	21.78 -0.16 0.00	4.80 -0.05 0.00	4.35 -0.02 0.00	6.11 -0.04 0.00	4.43 -0.02 0.00	2.45 0.00 0.00	7.73 0.02 0.00	16.85 0.01 0.00	21.85 -0.06 0.00	31.09 -0.10 0.00	43.96 -0.19 0.00	45.42 -0.32 0.00	35.49 -0.33 0.00	28.23 -0.34 0.71	30.24 -0.33 0.00
BROWNFLS_115KV_TB_3_5 80003	0.12 0.02 -0.49	-0.07 0.01 -0.29	20.21 -0.87 0.00	4.27 -0.18 0.00	13.98 -0.60 -0.13	19.11 -0.74 0.00	25.49 -0.88 0.00	6.39 -0.26 -0.06	11.02 -0.51 0.00	20.92 -1.03 0.00	4.61 -0.24 0.00	4.13 -0.23 0.00	5.81 -0.33 0.00	4.20 -0.26 0.00	2.30 -0.15 0.00	7.22 -0.49 0.00	15.84 -1.00 0.00	20.78 -1.12 0.00	29.94 -1.26 0.00	43.11 -1.04 0.00	45.09 -0.64 0.00	35.50 -0.32 0.00	28.90 -0.38 0.00	30.12 -0.45 0.00
BROWNSV1_27_KV_LOAD 356125	19.45 -0.05 -19.88	11.93 -0.04 -12.34	22.83 1.75 0.00	4.81 0.35 0.00	20.68 1.10 -5.13	21.33 1.48 0.00	28.18 1.80 0.00	9.31 0.51 -2.21	12.46 0.94 0.00	23.85 1.90 0.00	51.39 0.48 -46.06	8.85 0.44 -4.04	6.80 0.66 0.00	4.96 0.51 0.00	2.75 0.30 0.00	8.72 1.01 0.00	18.90 2.06 0.00	24.36 2.45 0.00	34.22 3.02 0.00	47.70 3.56 0.00	49.09 3.36 0.00	38.39 2.57 0.00	31.56 2.28 0.00	32.88 2.31 0.00
BURROWS__LYONSDAL 23803	0.25 0.01 -0.64	0.00 0.00 -0.37	20.90 -0.18 0.00	4.41 -0.05 0.00	14.47 -0.16 -0.17	19.73 -0.12 0.00	26.27 -0.11 0.00	6.61 -0.06 -0.07	11.34 -0.19 0.00	21.56 -0.39 0.00	4.75 -0.10 0.00	4.27 -0.10 0.00	6.00 -0.15 0.00	4.35 -0.11 0.00	2.40 -0.06 0.00	7.54 -0.17 0.00	16.52 -0.31 0.00	21.65 -0.26 0.00	31.10 -0.10 0.00	44.51 0.37 0.00	46.33 0.60 0.00	36.30 0.48 0.00	29.58 0.29 0.00	30.79 0.23 0.00
CAITHNESS_CC_1 323624	21.40 -0.06 -21.85	14.90 -0.05 -15.33	29.73 2.33 -6.32	7.15 0.47 -2.22	20.39 1.48 -4.46	20.16 1.93 1.62	26.77 2.27 1.87	10.23 0.63 -3.00	12.26 1.07 0.34	23.74 2.23 0.43	54.19 0.58 -48.76	12.39 0.51 -7.52	5.69 0.74 1.19	17.57 0.56 -12.55	26.70 0.33 -23.91	20.62 1.10 -11.82	34.34 2.27 -15.23	30.96 2.71 -6.34	40.46 3.37 -5.89	53.94 4.16 -5.62	54.56 3.87 -4.96	42.48 3.00 -3.66	37.03 2.80 -4.94	32.40 3.00 1.17
CALPINE BETH_PAGE_GT4 24209	29.93 -0.05 -30.37	27.54 -0.05 -27.95	48.64 2.01 -25.56	18.33 0.40 -13.47	26.59 1.28 -10.85	26.10 1.68 -4.56	31.86 2.03 -3.45	12.78 0.57 -5.62	13.35 0.98 -0.84	28.55 2.05 -4.55	66.89 0.53 -61.51	24.29 0.47 -19.45	12.91 0.69 -6.09	27.20 0.52 -22.22	39.76 0.31 -37.00	43.74 0.99 -35.05	65.13 2.00 -46.30	52.83 2.34 -28.57	62.81 2.83 -28.78	78.32 3.43 -30.74	77.68 3.28 -28.67	53.23 2.53 -14.87	51.59 2.32 -19.98	39.68 2.58 -6.53
CALPINE_BETH_PAGE_GT_4 323586	29.93 -0.05 -30.37	27.54 -0.04 -27.95	48.65 2.01 -25.56	18.33 0.40 -13.47	26.59 1.28 -10.85	26.10 1.69 -4.56	31.83 2.00 -3.45	12.77 0.56 -5.62	13.34 0.97 -0.84	28.54 2.04 -4.55	66.89 0.53 -61.51	24.29 0.47 -19.45	12.91 0.69 -6.09	27.20 0.52 -22.22	39.76 0.31 -37.00	43.74 0.99 -35.05	65.13 2.00 -46.30	52.83 2.35 -28.57	62.81 2.84 -28.78	78.35 3.46 -30.74	77.69 3.29 -28.67	53.23 2.54 -14.87	51.60 2.33 -19.98	39.67 2.58 -6.53
CALPINE_BP_GT1 23823	29.93 -0.05 -30.37	27.54 -0.04 -27.95	48.65 2.01 -25.56	18.33 0.40 -13.47	26.59 1.28 -10.85	26.10 1.69 -4.56	31.83 2.00 -3.45	12.77 0.56 -5.62	13.34 0.97 -0.84	28.54 2.04 -4.55	66.89 0.53 -61.51	24.29 0.47 -19.45	12.91 0.69 -6.09	27.20 0.52 -22.22	39.76 0.31 -37.00	43.74 0.99 -35.05	65.13 2.00 -46.30	52.83 2.35 -28.57	62.81 2.84 -28.78	78.35 3.46 -30.74	77.69 3.29 -28.67	53.23 2.54 -14.87	51.60 2.33 -19.98	39.67 2.58 -6.53
CALSPAN__DRP 24200	2.83 0.01 -3.21	1.54 0.02 -1.88	19.86 -1.22 0.00	4.20 -0.27 0.00	14.33 -0.98 -0.86	18.53 -1.32 0.00	24.66 -1.72 0.00	6.43 -0.52 -0.36	8.54 -1.04 1.96	19.96 -1.94 0.04	4.39 -0.46 0.00	4.01 -0.35 0.00	5.61 -0.53 0.00	4.08 -0.38 0.00	2.30 -0.15 0.00	7.17 -0.53 0.00	15.56 -1.28 0.00	20.06 -1.85 0.00	28.55 -2.65 0.00	40.41 -3.74 0.00	41.56 -4.17 0.00	32.58 -3.24 0.00	24.92 -2.87 1.49	27.82 -2.75 0.00

CALVERTON___SOLAR 323806	21.42 -0.06 -21.87	14.93 -0.06 -15.36	29.88 2.43 -6.38	7.20 0.49 -2.25	20.47 1.54 -4.48	20.24 1.99 1.60	26.88 2.36 1.85	10.25 0.65 -3.01	12.28 1.09 0.33	23.80 2.28 0.42	54.23 0.59 -48.79	12.44 0.52 -7.55	5.72 0.75 1.17	17.60 0.57 -12.57	26.74 0.34 -23.94	20.71 1.13 -11.88	34.52 2.37 -15.31	31.16 2.85 -6.40	40.75 3.60 -5.95	54.33 4.50 -5.69	54.89 4.14 -5.02	42.68 3.17 -3.69	37.22 2.95 -4.99	32.57 3.15 1.15
CANDIGU_WT_PWR 323617	3.99 0.01 -4.36	2.21 0.02 -2.56	20.34 -0.74 0.00	4.30 -0.16 0.00	15.04 -0.58 -1.17	19.10 -0.76 0.00	25.34 -1.04 0.00	6.70 -0.33 -0.44	0.27 -0.69 10.57	20.45 -1.27 0.23	4.54 -0.32 0.00	4.13 -0.23 0.00	5.79 -0.35 0.00	4.20 -0.25 0.00	2.35 -0.11 0.00	7.37 -0.34 0.00	16.04 -0.80 0.00	20.76 -1.15 0.00	29.71 -1.49 0.00	42.25 -1.90 0.00	43.66 -2.08 0.00	34.05 -1.77 0.00	24.96 -1.61 2.72	28.92 -1.65 0.00
CARR STREET_E__SYR 24060	1.40 0.00 -1.79	0.68 0.00 -1.05	20.81 -0.27 0.00	4.40 -0.06 0.00	14.72 -0.21 -0.48	19.56 -0.29 0.00	25.97 -0.41 0.00	6.68 -0.12 -0.21	11.25 -0.28 0.00	21.42 -0.53 0.00	4.73 -0.12 0.00	4.26 -0.10 0.00	6.00 -0.14 0.00	4.35 -0.10 0.00	2.41 -0.04 0.00	7.57 -0.14 0.00	16.53 -0.31 0.00	21.48 -0.44 0.00	30.57 -0.63 0.00	43.27 -0.88 0.00	44.78 -0.95 0.00	35.05 -0.77 0.00	28.60 -0.68 0.00	29.86 -0.71 0.00
CARTHAGE___PAPER 23857	0.49 0.02 -0.87	0.14 0.00 -0.51	20.58 -0.50 0.00	4.36 -0.11 0.00	14.32 -0.36 -0.23	19.49 -0.37 0.00	25.98 -0.40 0.00	6.53 -0.17 -0.10	11.07 -0.45 0.00	20.99 -0.96 0.00	4.61 -0.24 0.00	4.14 -0.23 0.00	5.81 -0.33 0.00	4.21 -0.25 0.00	2.32 -0.13 0.00	7.28 -0.43 0.00	15.99 -0.85 0.00	21.04 -0.87 0.00	30.44 -0.76 0.00	44.18 0.04 0.00	46.32 0.58 0.00	36.34 0.52 0.00	29.54 0.26 0.00	30.73 0.16 0.00
CASSADAGA_WT_PWR 323784	3.01 0.01 -3.39	1.63 0.01 -1.99	20.22 -0.86 0.00	4.27 -0.18 0.00	14.58 -0.77 -0.91	18.98 -0.88 0.00	25.11 -1.27 0.00	6.56 -0.41 -0.38	9.37 -0.72 1.44	20.71 -1.20 0.03	4.54 -0.31 0.00	4.16 -0.20 0.00	5.81 -0.34 0.00	4.21 -0.24 0.00	2.38 -0.07 0.00	7.43 -0.28 0.00	16.12 -0.72 0.00	20.70 -1.21 0.00	29.49 -1.70 0.00	41.60 -2.55 0.00	42.75 -2.98 0.00	33.33 -2.49 0.00	25.26 -2.37 1.65	27.93 -2.63 0.00
CE_DUNWOOD___DRP 24194	18.70 -0.04 -19.13	10.82 -0.04 -11.23	22.52 1.44 0.00	4.75 0.28 0.00	20.48 0.90 -5.12	21.07 1.21 0.00	27.84 1.46 0.00	9.22 0.42 -2.21	12.28 0.75 0.00	23.48 1.54 0.00	53.00 0.39 -47.76	8.92 0.36 -4.19	6.68 0.54 0.00	4.87 0.42 0.00	2.70 0.25 0.00	8.55 0.84 0.00	18.57 1.73 0.00	23.96 2.05 0.00	33.69 2.49 0.00	47.05 2.90 0.00	48.46 2.73 0.00	37.89 2.06 0.00	31.13 1.85 0.00	32.44 1.88 0.00
CE_MILLWOOD___DRP 24193	18.58 -0.04 -19.00	10.75 -0.04 -11.16	22.47 1.39 0.00	4.74 0.28 0.00	20.41 0.87 -5.09	21.03 1.17 0.00	27.78 1.41 0.00	9.19 0.40 -2.19	12.25 0.72 0.00	23.42 1.48 0.00	55.24 0.37 -50.02	9.10 0.34 -4.39	6.66 0.51 0.00	4.86 0.40 0.00	2.69 0.24 0.00	8.52 0.82 0.00	18.51 1.68 0.00	23.89 1.98 0.00	33.61 2.42 0.00	46.95 2.80 0.00	48.36 2.62 0.00	37.80 1.99 0.00	31.07 1.78 0.00	32.37 1.80 0.00
CE_NYC2_DRP 24202	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.38 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.43 0.90 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.67 0.96 0.00	18.80 1.96 0.00	24.23 2.32 0.00	33.96 2.76 0.00	47.37 3.22 0.00	48.79 3.06 0.00	38.13 2.31 0.00	31.37 2.09 0.00	32.66 2.10 0.00
CE_NYC_DRP 24195	19.42 -0.04 -19.85	11.89 -0.04 -12.30	22.70 1.62 0.00	4.78 0.32 0.00	20.59 1.00 -5.13	21.21 1.36 0.00	28.03 1.65 0.00	9.27 0.47 -2.21	12.39 0.86 0.00	23.71 1.76 0.00	51.37 0.45 -46.07	8.82 0.41 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.94 0.00	25.41 2.29 -1.21	34.59 2.78 -0.61	47.36 3.21 0.00	48.74 3.01 0.00	38.12 2.29 0.00	31.33 2.05 0.00	32.65 2.09 0.00
CHAFFEE___LFGE 323603	2.94 0.01 -3.32	1.60 0.02 -1.95	19.95 -1.13 0.00	4.22 -0.25 0.00	14.43 -0.91 -0.89	18.63 -1.23 0.00	24.78 -1.60 0.00	6.48 -0.48 -0.37	8.94 -0.97 1.62	20.09 -1.82 0.04	4.41 -0.44 0.00	4.03 -0.33 0.00	5.64 -0.50 0.00	4.10 -0.36 0.00	2.31 -0.14 0.00	7.21 -0.50 0.00	15.64 -1.20 0.00	20.16 -1.75 0.00	28.70 -2.50 0.00	40.52 -3.63 0.00	41.85 -3.88 0.00	32.81 -3.01 0.00	25.01 -2.69 1.58	27.99 -2.57 0.00
CHATEAUG_35_KV_LOAD 355732	-0.39 0.00 0.00	-0.37 0.00 0.00	20.75 -0.33 0.00	4.41 -0.05 0.00	14.33 -0.12 0.00	19.81 -0.04 0.00	26.40 0.02 0.00	6.60 0.01 0.00	11.56 0.03 0.00	21.93 -0.01 0.00	4.83 -0.02 0.00	4.34 -0.03 0.00	6.09 -0.05 0.00	4.39 -0.06 0.00	2.40 -0.05 0.00	7.50 -0.21 0.00	16.42 -0.41 0.00	21.54 -0.37 0.00	30.89 -0.30 0.00	44.19 0.05 0.00	46.13 0.39 0.00	36.23 0.41 0.00	29.45 0.16 0.00	30.62 0.06 0.00
CHATEAUG_WT_PWR 323614	-0.39 0.00 0.00	-0.37 0.01 0.00	20.75 -0.33 0.00	4.41 -0.05 0.00	14.33 -0.12 0.00	19.81 -0.05 0.00	26.38 0.00 0.00	6.60 0.01 0.00	11.57 0.04 0.00	21.95 0.00 0.00	4.84 -0.02 0.00	4.34 -0.02 0.00	6.10 -0.04 0.00	4.40 -0.05 0.00	2.41 -0.05 0.00	7.52 -0.19 0.00	16.46 -0.38 0.00	21.58 -0.33 0.00	30.93 -0.26 0.00	44.21 0.06 0.00	46.05 0.32 0.00	36.16 0.34 0.00	29.41 0.13 0.00	30.60 0.04 0.00
CHAT_HIGH_FALL_HYD 323578	-0.39 0.00 0.00	-0.37 0.00 0.00	20.75 -0.33 0.00	4.41 -0.05 0.00	14.33 -0.12 0.00	19.81 -0.04 0.00	26.40 0.02 0.00	6.60 0.01 0.00	11.56 0.03 0.00	21.93 -0.01 0.00	4.83 -0.02 0.00	4.34 -0.03 0.00	6.09 -0.05 0.00	4.39 -0.06 0.00	2.40 -0.05 0.00	7.50 -0.21 0.00	16.42 -0.41 0.00	21.54 -0.37 0.00	30.89 -0.30 0.00	44.19 0.05 0.00	46.13 0.39 0.00	36.23 0.41 0.00	29.45 0.16 0.00	30.62 0.06 0.00
CHAUTAUQUA___LFGE 323629	2.94 0.01 -3.32	1.60 0.02 -1.95	20.12 -0.96 0.00	4.25 -0.21 0.00	14.54 -0.80 -0.89	18.86 -1.00 0.00	24.98 -1.40 0.00	6.53 -0.43 -0.37	8.95 -0.82 1.76	20.46 -1.44 0.04	4.49 -0.36 0.00	4.11 -0.25 0.00	5.75 -0.40 0.00	4.17 -0.28 0.00	2.35 -0.10 0.00	7.35 -0.35 0.00	15.95 -0.89 0.00	20.50 -1.41 0.00	29.16 -2.04 0.00	41.12 -3.03 0.00	42.34 -3.40 0.00	33.05 -2.77 0.00	25.15 -2.56 1.58	27.92 -2.65 0.00
CHERRYST_13_KV_LD 356241	19.41 -0.04 -19.84	11.88 -0.04 -12.29	22.75 1.67 0.00	4.80 0.33 0.00	20.62 1.04 -5.13	21.26 1.40 0.00	28.09 1.71 0.00	9.29 0.49 -2.21	12.42 0.90 0.00	23.76 1.82 0.00	51.38 0.46 -46.07	8.83 0.43 -4.04	6.78 0.63 0.00	4.94 0.49 0.00	2.75 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	24.27 2.36 0.00	34.07 2.87 0.00	47.49 3.34 0.00	48.87 3.14 0.00	38.21 2.39 0.00	31.41 2.13 0.00	32.74 2.17 0.00

CHESTROR_138KV_BK263 355645	17.46 -0.03 -17.89	10.10 -0.03 -10.50	22.26 1.18 0.00	4.70 0.24 0.00	19.98 0.74 -4.79	20.85 0.99 0.00	27.57 1.19 0.00	8.99 0.33 -2.07	12.12 0.59 0.00	23.14 1.19 0.00	-35.00 0.30 40.15	1.11 0.27 3.53	6.56 0.41 0.00	4.78 0.32 0.00	2.65 0.19 0.00	8.37 0.66 0.00	18.21 1.38 0.00	23.54 1.63 0.00	33.22 2.02 0.00	46.51 2.37 0.00	47.98 2.25 0.00	37.51 1.69 0.00	30.79 1.50 0.00	32.07 1.50 0.00
CH_MIDHUDSON___DRP 24192	19.14 -0.04 -19.57	11.08 -0.03 -11.48	22.44 1.36 0.00	4.74 0.27 0.00	20.55 0.86 -5.24	21.02 1.16 0.00	27.79 1.41 0.00	9.25 0.39 -2.26	12.23 0.70 0.00	23.34 1.39 0.00	5.19 0.34 0.00	4.68 0.31 0.00	6.61 0.46 0.00	4.81 0.36 0.00	2.67 0.22 0.00	8.44 0.73 0.00	18.36 1.52 0.00	23.76 1.85 0.00	33.51 2.31 0.00	46.91 2.76 0.00	48.39 2.66 0.00	37.82 2.00 0.00	31.03 1.75 0.00	32.33 1.76 0.00
CH_MISC_IPPS 23765	18.82 -0.04 -19.24	10.89 -0.03 -11.30	22.52 1.44 0.00	4.75 0.29 0.00	20.52 0.91 -5.15	21.09 1.24 0.00	27.89 1.51 0.00	9.23 0.42 -2.22	12.27 0.74 0.00	23.41 1.47 0.00	5.21 0.35 0.00	4.69 0.33 0.00	6.63 0.49 0.00	4.83 0.38 0.00	2.68 0.23 0.00	8.47 0.76 0.00	18.44 1.60 0.00	23.87 1.97 0.00	33.68 2.48 0.00	47.17 3.02 0.00	48.64 2.91 0.00	38.00 2.18 0.00	31.17 1.89 0.00	32.46 1.89 0.00
CH_RES_BVR_FALLS 23983	-0.38 0.01 0.00	-0.36 0.01 0.00	20.79 -0.28 0.00	4.40 -0.07 0.00	14.23 -0.22 0.00	19.57 -0.29 0.00	26.10 -0.28 0.00	6.53 -0.06 0.00	11.48 -0.05 0.00	21.87 -0.08 0.00	4.83 -0.02 0.00	4.34 -0.03 0.00	6.10 -0.04 0.00	4.41 -0.04 0.00	2.42 -0.03 0.00	7.58 -0.13 0.00	16.60 -0.23 0.00	21.67 -0.24 0.00	30.96 -0.24 0.00	43.97 -0.18 0.00	45.65 -0.08 0.00	35.81 -0.01 0.00	29.24 -0.04 0.00	30.55 -0.01 0.00
CH_RES_NIAGARA 23895	2.59 0.02 -2.96	1.39 0.03 -1.74	19.17 -1.92 0.00	4.06 -0.41 0.00	13.77 -1.47 -0.79	17.85 -2.00 0.00	23.85 -2.53 0.00	6.20 -0.73 -0.33	8.59 -1.42 1.52	19.19 -2.73 0.03	4.24 -0.61 0.00	3.86 -0.50 0.00	5.41 -0.74 0.00	3.94 -0.51 0.00	2.24 -0.22 0.00	6.95 -0.75 0.00	15.02 -1.82 0.00	19.29 -2.62 0.00	27.42 -3.78 0.00	38.76 -5.39 0.00	39.84 -5.90 0.00	31.32 -4.50 0.00	24.11 -3.88 1.29	26.82 -3.75 0.00
CH_RES_SYRACUSE 23985	1.40 0.00 -1.79	0.68 0.00 -1.05	20.87 -0.21 0.00	4.41 -0.05 0.00	14.75 -0.18 -0.48	19.62 -0.23 0.00	26.04 -0.34 0.00	6.70 -0.11 -0.21	11.27 -0.25 0.00	21.45 -0.49 0.00	4.74 -0.12 0.00	4.27 -0.10 0.00	6.00 -0.14 0.00	4.36 -0.10 0.00	2.41 -0.04 0.00	7.58 -0.13 0.00	16.54 -0.30 0.00	21.51 -0.40 0.00	30.65 -0.54 0.00	43.40 -0.74 0.00	44.95 -0.78 0.00	35.18 -0.64 0.00	28.71 -0.57 0.00	29.96 -0.60 0.00
CLINTON_WT_PWR 323605	-0.39 0.00 0.00	-0.37 0.01 0.00	20.75 -0.33 0.00	4.41 -0.05 0.00	14.33 -0.12 0.00	19.81 -0.05 0.00	26.38 0.00 0.00	6.60 0.01 0.00	11.57 0.04 0.00	21.95 0.00 0.00	4.84 -0.02 0.00	4.34 -0.02 0.00	6.10 -0.04 0.00	4.40 -0.05 0.00	2.41 -0.05 0.00	7.52 -0.19 0.00	16.46 -0.38 0.00	21.58 -0.33 0.00	30.93 -0.26 0.00	44.21 0.06 0.00	46.05 0.32 0.00	36.16 0.34 0.00	29.41 0.13 0.00	30.60 0.04 0.00
CLINTON___LFGE 323618	-0.40 -0.01 0.00	-0.37 0.00 0.00	20.92 -0.16 0.00	4.44 -0.02 0.00	14.44 -0.01 0.00	20.00 0.15 0.00	26.60 0.22 0.00	6.66 0.07 0.00	11.66 0.13 0.00	22.08 0.14 0.00	4.86 0.01 0.00	4.36 -0.01 0.00	6.14 0.00 0.00	4.43 -0.03 0.00	2.42 -0.03 0.00	7.56 -0.15 0.00	16.54 -0.29 0.00	21.71 -0.19 0.00	31.10 -0.09 0.00	44.56 0.42 0.00	46.51 0.77 0.00	36.52 0.69 0.00	29.69 0.40 0.00	30.84 0.27 0.00
COBBLENY_34_KV_TB1 80064	2.94 0.01 -3.32	1.60 0.02 -1.95	19.96 -1.12 0.00	4.22 -0.25 0.00	14.43 -0.91 -0.89	18.63 -1.22 0.00	24.79 -1.59 0.00	6.49 -0.48 -0.37	8.94 -0.97 1.62	20.09 -1.82 0.04	4.42 -0.43 0.00	4.03 -0.33 0.00	5.64 -0.50 0.00	4.10 -0.36 0.00	2.31 -0.14 0.00	7.21 -0.50 0.00	15.64 -1.20 0.00	20.16 -1.75 0.00	28.71 -2.48 0.00	40.67 -3.47 0.00	41.86 -3.88 0.00	32.82 -3.00 0.00	25.02 -2.68 1.58	28.00 -2.57 0.00
COFFEEN___115KV_TB3 355620	0.62 0.02 -0.99	0.21 0.00 -0.58	20.54 -0.54 0.00	4.35 -0.12 0.00	14.32 -0.39 -0.27	19.45 -0.40 0.00	25.91 -0.47 0.00	6.50 -0.21 -0.11	10.94 -0.59 0.00	20.76 -1.19 0.00	4.56 -0.29 0.00	4.09 -0.27 0.00	5.75 -0.39 0.00	4.17 -0.29 0.00	2.30 -0.16 0.00	7.23 -0.48 0.00	15.86 -0.98 0.00	20.83 -1.09 0.00	30.05 -1.14 0.00	43.88 -0.27 0.00	46.21 0.47 0.00	36.24 0.41 0.00	29.44 0.16 0.00	30.60 0.03 0.00
COLDSPRG_115KV_BK1 355956	3.11 0.00 -3.50	1.69 0.01 -2.05	20.65 -0.43 0.00	4.37 -0.09 0.00	14.97 -0.41 -0.94	19.38 -0.47 0.00	25.70 -0.67 0.00	6.73 -0.26 -0.40	10.09 -0.48 0.95	21.03 -0.89 0.02	4.61 -0.24 0.00	4.23 -0.14 0.00	5.90 -0.24 0.00	4.29 -0.17 0.00	2.40 -0.05 0.00	7.51 -0.20 0.00	16.31 -0.53 0.00	20.95 -0.96 0.00	29.85 -1.35 0.00	42.25 -1.90 0.00	43.47 -2.27 0.00	33.93 -1.89 0.00	25.73 -1.78 1.77	28.75 -1.82 0.00
COLONIE_LFGE___ 323577	23.78 -0.01 -24.18	13.81 -0.01 -14.20	21.92 0.84 0.00	4.64 0.17 0.00	21.48 0.55 -6.48	20.61 0.75 0.00	27.28 0.90 0.00	9.63 0.24 -2.79	11.90 0.37 0.00	22.55 0.61 0.00	10.80 0.11 -5.84	4.94 0.07 -0.51	6.25 0.11 0.00	4.56 0.10 0.00	2.51 0.06 0.00	7.92 0.21 0.00	17.37 0.53 0.00	22.73 0.82 0.00	32.30 1.10 0.00	45.64 1.50 0.00	47.24 1.51 0.00	36.99 1.17 0.00	30.25 0.97 0.00	31.53 0.96 0.00
COOPERNY_115KV_TB1 80082	14.19 -0.02 -14.61	8.18 -0.02 -8.58	21.97 0.89 0.00	4.64 0.18 0.00	18.93 0.56 -3.91	20.61 0.75 0.00	27.28 0.90 0.00	8.53 0.25 -1.69	11.97 0.44 0.00	22.84 0.89 0.00	-13.57 0.22 18.64	2.93 0.20 1.64	6.45 0.30 0.00	4.69 0.24 0.00	2.60 0.14 0.00	8.20 0.49 0.00	17.85 1.01 0.00	23.11 1.20 0.00	32.68 1.49 0.00	45.90 1.75 0.00	47.38 1.65 0.00	37.05 1.22 0.00	30.38 1.10 0.00	31.67 1.10 0.00
COPENHAGEN_WT_PWR 323753	0.65 0.02 -1.02	0.23 0.00 -0.60	20.35 -0.73 0.00	4.30 -0.15 0.00	14.19 -0.53 -0.27	19.27 -0.59 0.00	25.68 -0.70 0.00	6.47 -0.24 -0.12	10.95 -0.58 0.00	20.81 -1.14 0.00	4.57 -0.28 0.00	4.10 -0.27 0.00	5.76 -0.38 0.00	4.17 -0.28 0.00	2.30 -0.15 0.00	7.25 -0.46 0.00	15.90 -0.94 0.00	20.88 -1.04 0.00	30.11 -1.09 0.00	43.71 -0.43 0.00	45.87 0.14 0.00	35.98 0.16 0.00	29.26 -0.02 0.00	30.42 -0.14 0.00
CORNELL_____ 23752	4.03 -0.01 -4.43	2.22 -0.01 -2.60	21.34 0.27 0.00	4.52 0.06 0.00	15.80 0.16 -1.19	20.08 0.23 0.00	26.65 0.27 0.00	7.14 0.03 -0.51	12.11 -0.08 -0.66	21.72 -0.24 -0.01	4.76 -0.09 0.00	4.30 -0.06 0.00	6.05 -0.10 0.00	4.39 -0.07 0.00	2.43 -0.02 0.00	7.64 -0.07 0.00	16.69 -0.15 0.00	21.77 -0.14 0.00	31.26 0.06 0.00	44.58 0.44 0.00	46.18 0.44 0.00	36.13 0.31 0.00	36.27 0.15 -6.84	30.70 0.13 0.00

CORONA__69_KV_TB1 355595	60.83 -0.05 -61.27	75.90 -0.04 -76.31	127.09 1.91 -104.10	61.20 0.39 -56.35	50.29 1.23 -34.60	49.47 1.63 -27.98	53.31 1.99 -24.94	23.36 0.55 -16.21	17.81 0.98 -5.30	47.02 2.04 -23.04	118.28 0.52 -112.91	71.11 0.46 -66.28	40.14 0.68 -33.32	57.13 0.51 -52.16	78.30 0.30 -75.55	134.44 0.98 -125.75	188.56 2.00 -169.72	143.42 2.34 -119.17	156.09 2.92 -121.98	180.72 3.59 -132.98	174.07 3.36 -124.98	99.09 2.60 -60.67	113.01 2.32 -81.40	72.24 2.51 -39.15
CORTLAND__115KV_TB3 80093	3.21 0.00 -3.60	1.74 0.00 -2.11	21.21 0.13 0.00	4.49 0.03 0.00	15.49 0.07 -0.96	19.96 0.11 0.00	26.48 0.10 0.00	7.01 0.00 -0.42	11.44 -0.09 0.00	21.74 -0.20 0.00	4.79 -0.07 0.00	4.32 -0.04 0.00	6.08 -0.07 0.00	4.41 -0.04 0.00	2.44 -0.01 0.00	7.68 -0.03 0.00	16.77 -0.07 0.00	21.81 -0.10 0.00	31.15 -0.05 0.00	44.23 0.08 0.00	45.81 0.08 0.00	35.83 0.01 0.00	31.07 -0.06 -1.85	30.49 -0.08 0.00
COXSACKIE__GT 23611	22.32 -0.01 -22.72	12.95 -0.01 -13.34	22.25 1.17 0.00	4.70 0.24 0.00	21.32 0.78 -6.09	20.94 1.09 0.00	27.74 1.36 0.00	9.55 0.34 -2.62	12.01 0.48 0.00	22.66 0.71 0.00	4.99 0.14 0.00	4.46 0.09 0.00	6.28 0.13 0.00	4.57 0.11 0.00	2.52 0.07 0.00	7.95 0.24 0.00	17.45 0.61 0.00	22.88 0.97 0.00	32.69 1.50 0.00	46.43 2.29 0.00	48.22 2.49 0.00	37.74 1.91 0.00	30.80 1.52 0.00	32.03 1.46 0.00
CPV_VALLEY__CC1 323721	16.30 -0.03 -16.72	9.42 -0.03 -9.81	22.17 1.09 0.00	4.68 0.22 0.00	19.61 0.68 -4.48	20.77 0.91 0.00	27.48 1.10 0.00	8.83 0.31 -1.93	12.08 0.55 0.00	23.06 1.12 26.20	-21.07 0.27 2.30	2.32 0.26 0.00	6.53 0.39 0.00	4.76 0.30 0.00	2.64 0.18 0.00	8.33 0.62 0.00	18.12 1.28 0.00	23.42 1.51 0.00	33.06 1.86 0.00	46.33 2.18 0.00	47.77 2.04 0.00	37.34 1.52 0.00	30.64 1.36 0.00	31.94 1.37 0.00
CPV_VALLEY__CC2 323722	16.30 -0.03 -16.72	9.42 -0.03 -9.81	22.17 1.09 0.00	4.68 0.22 0.00	19.61 0.68 -4.48	20.77 0.91 0.00	27.48 1.10 0.00	8.83 0.31 -1.93	12.08 0.55 0.00	23.06 1.12 26.20	-21.07 0.27 2.30	2.32 0.26 0.00	6.53 0.39 0.00	4.76 0.30 0.00	2.64 0.18 0.00	8.33 0.62 0.00	18.12 1.28 0.00	23.42 1.51 0.00	33.06 1.86 0.00	46.33 2.18 0.00	47.77 2.04 0.00	37.34 1.52 0.00	30.64 1.36 0.00	31.94 1.37 0.00
CRESCENT__HYD 24018	23.78 -0.01 -24.18	13.81 -0.01 -14.20	21.92 0.84 0.00	4.64 0.17 0.00	21.48 0.55 -6.48	20.61 0.75 0.00	27.28 0.90 0.00	9.63 0.24 -2.79	11.90 0.37 0.00	22.55 0.61 0.00	10.80 0.11 -5.84	4.94 0.07 -0.51	6.25 0.11 0.00	4.56 0.10 0.00	2.51 0.06 0.00	7.92 0.21 0.00	17.37 0.53 0.00	22.73 0.82 0.00	32.30 1.10 0.00	45.64 1.50 0.00	47.24 1.51 0.00	36.99 1.17 0.00	30.25 0.97 0.00	31.53 0.96 0.00
CRICKET__VALLEY_CC1 323756	19.62 -0.03 -20.04	11.37 -0.03 -11.77	22.34 1.26 0.00	4.72 0.25 0.00	20.61 0.79 -5.37	20.92 1.07 0.00	27.66 1.28 0.00	9.27 0.36 -2.31	12.18 0.65 0.00	23.25 1.31 0.00	21.62 0.33 -16.44	6.11 0.30 -1.44	6.59 0.45 0.00	4.80 0.35 0.00	2.66 0.21 0.00	8.42 0.71 0.00	18.30 1.46 0.00	23.65 1.74 0.00	33.33 2.13 0.00	46.64 2.49 0.00	48.09 2.35 0.00	37.59 1.77 0.00	30.87 1.59 0.00	32.17 1.60 0.00
CRICKET__VALLEY_CC2 323757	19.62 -0.03 -20.04	11.37 -0.03 -11.77	22.34 1.26 0.00	4.72 0.25 0.00	20.61 0.79 -5.37	20.92 1.07 0.00	27.66 1.28 0.00	9.27 0.36 -2.31	12.18 0.65 0.00	23.25 1.31 0.00	21.62 0.33 -16.44	6.11 0.30 -1.44	6.59 0.45 0.00	4.80 0.35 0.00	2.66 0.21 0.00	8.42 0.71 0.00	18.30 1.46 0.00	23.65 1.74 0.00	33.33 2.13 0.00	46.64 2.49 0.00	48.09 2.35 0.00	37.59 1.77 0.00	30.87 1.59 0.00	32.17 1.60 0.00
CRICKET__VALLEY_CC3 323758	19.62 -0.03 -20.04	11.37 -0.03 -11.77	22.34 1.26 0.00	4.72 0.25 0.00	20.61 0.79 -5.37	20.92 1.07 0.00	27.66 1.28 0.00	9.27 0.36 -2.31	12.18 0.65 0.00	23.25 1.31 0.00	21.62 0.33 -16.44	6.11 0.30 -1.44	6.59 0.45 0.00	4.80 0.35 0.00	2.66 0.21 0.00	8.42 0.71 0.00	18.30 1.46 0.00	23.65 1.74 0.00	33.33 2.13 0.00	46.64 2.49 0.00	48.09 2.35 0.00	37.59 1.77 0.00	30.87 1.59 0.00	32.17 1.60 0.00
CRUCIBLE__METL_DRP 24180	1.40 0.00 -1.79	0.68 0.00 -1.05	20.87 -0.21 0.00	4.41 -0.05 0.00	14.75 -0.18 -0.48	19.62 -0.23 0.00	26.05 -0.33 0.00	6.70 -0.11 -0.21	11.27 -0.26 0.00	21.45 -0.49 0.00	4.74 -0.12 0.00	4.27 -0.10 0.00	6.00 -0.14 0.00	4.36 -0.10 0.00	2.41 -0.04 0.00	7.58 -0.13 0.00	16.54 -0.30 0.00	21.51 -0.40 0.00	30.66 -0.54 0.00	43.41 -0.73 0.00	44.94 -0.80 0.00	35.18 -0.64 0.00	28.71 -0.57 0.00	29.96 -0.60 0.00
DAHOWA__HYDRO 323763	24.05 -0.02 -24.46	13.97 -0.02 -14.36	22.15 1.07 0.00	4.68 0.22 0.00	21.71 0.71 -6.55	20.85 0.99 0.00	27.59 1.21 0.00	9.73 0.31 -2.82	11.97 0.44 0.00	22.60 0.66 0.00	4.94 0.09 0.00	4.43 0.06 0.00	6.26 0.11 0.00	4.57 0.11 0.00	2.52 0.07 0.00	7.95 0.24 0.00	17.47 0.63 0.00	22.93 1.02 0.00	32.75 1.55 0.00	46.44 2.29 0.00	48.14 2.41 0.00	37.65 1.82 0.00	30.71 1.43 0.00	31.93 1.36 0.00
DANC__LFGE 323619	0.82 0.02 -1.20	0.34 0.00 -0.70	20.45 -0.63 0.00	4.33 -0.13 0.00	14.31 -0.46 -0.32	19.30 -0.55 0.00	25.66 -0.72 0.00	6.51 -0.23 -0.14	11.00 -0.52 0.00	20.93 -1.01 0.00	4.61 -0.24 0.00	4.14 -0.23 0.00	5.82 -0.33 0.00	4.22 -0.24 0.00	2.33 -0.12 0.00	7.32 -0.38 0.00	16.03 -0.81 0.00	20.97 -0.94 0.00	30.10 -1.10 0.00	43.32 -0.83 0.00	45.25 -0.48 0.00	35.49 -0.33 0.00	28.91 -0.37 0.00	30.10 -0.46 0.00
DANSKAMMER__1 23586	18.82 -0.04 -19.24	10.89 -0.03 -11.30	22.52 1.44 0.00	4.75 0.29 0.00	20.52 0.91 -5.15	21.09 1.24 0.00	27.89 1.51 0.00	9.23 0.42 -2.22	12.27 0.74 0.00	23.41 1.47 0.00	5.21 0.35 0.00	4.69 0.33 0.00	6.63 0.49 0.00	4.83 0.38 0.00	2.68 0.23 0.00	8.47 0.76 0.00	18.44 1.60 0.00	23.87 1.97 0.00	33.68 2.48 0.00	47.17 3.02 0.00	48.64 2.91 0.00	38.00 2.18 0.00	31.17 1.89 0.00	32.46 1.89 0.00
DANSKAMMER__2 23589	18.82 -0.04 -19.24	10.89 -0.03 -11.30	22.52 1.44 0.00	4.75 0.29 0.00	20.52 0.91 -5.15	21.09 1.24 0.00	27.89 1.51 0.00	9.23 0.42 -2.22	12.27 0.74 0.00	23.41 1.47 0.00	5.21 0.35 0.00	4.69 0.33 0.00	6.63 0.49 0.00	4.83 0.38 0.00	2.68 0.23 0.00	8.47 0.76 0.00	18.44 1.60 0.00	23.87 1.97 0.00	33.68 2.48 0.00	47.17 3.02 0.00	48.64 2.91 0.00	38.00 2.18 0.00	31.17 1.89 0.00	32.46 1.89 0.00
DANSKAMMER__3 23590	18.82 -0.04 -19.24	10.89 -0.03 -11.30	22.52 1.44 0.00	4.75 0.29 0.00	20.52 0.91 -5.15	21.09 1.24 0.00	27.89 1.51 0.00	9.23 0.42 -2.22	12.27 0.74 0.00	23.41 1.47 0.00	5.21 0.35 0.00	4.69 0.33 0.00	6.63 0.49 0.00	4.83 0.38 0.00	2.68 0.23 0.00	8.47 0.76 0.00	18.44 1.60 0.00	23.87 1.97 0.00	33.68 2.48 0.00	47.17 3.02 0.00	48.64 2.91 0.00	38.00 2.18 0.00	31.17 1.89 0.00	32.46 1.89 0.00

DANSKAMMER___4 23591	18.82 -0.04 -19.24	10.89 -0.03 -11.30	22.52 1.44 0.00	4.75 0.29 0.00	20.52 0.91 -5.15	21.09 1.24 0.00	27.89 1.51 0.00	9.23 0.42 -2.22	12.27 0.74 0.00	23.41 1.47 0.00	5.21 0.35 0.00	4.69 0.33 0.00	6.63 0.49 0.00	4.83 0.38 0.00	2.68 0.23 0.00	8.47 0.76 0.00	18.44 1.60 0.00	23.87 1.97 0.00	33.68 2.48 0.00	47.17 3.02 0.00	48.64 2.91 0.00	38.00 2.18 0.00	31.17 1.89 0.00	32.46 1.89 0.00
DANSKAMMER___DIESEL 23592	18.82 -0.04 -19.24	10.89 -0.03 -11.30	22.52 1.44 0.00	4.75 0.29 0.00	20.52 0.91 -5.15	21.09 1.23 0.00	27.89 1.51 0.00	9.23 0.42 -2.22	12.26 0.73 0.00	23.41 1.47 0.00	5.21 0.36 0.00	4.69 0.33 0.00	6.63 0.49 0.00	4.83 0.38 0.00	2.68 0.23 0.00	8.47 0.76 0.00	18.44 1.60 0.00	23.87 1.97 0.00	33.67 2.48 0.00	47.15 3.00 0.00	48.63 2.89 0.00	38.00 2.18 0.00	31.17 1.89 0.00	32.46 1.89 0.00
DARBY___SOLAR 323810	24.01 -0.02 -24.42	13.95 -0.02 -14.33	22.10 1.02 0.00	4.67 0.21 0.00	21.67 0.68 -6.54	20.80 0.95 0.00	27.52 1.14 0.00	9.70 0.29 -2.82	11.95 0.42 0.00	22.56 0.62 0.00	4.94 0.08 0.00	4.43 0.06 0.00	6.25 0.11 0.00	4.56 0.11 0.00	2.51 0.06 0.00	7.94 0.23 0.00	17.44 0.60 0.00	22.89 0.98 0.00	32.67 1.47 0.00	46.29 2.15 0.00	47.96 2.22 0.00	37.51 1.69 0.00	30.62 1.34 0.00	31.85 1.29 0.00
DASHVILLE___HYD 23610	19.46 -0.03 -19.88	11.28 -0.02 -11.67	22.36 1.28 0.00	4.72 0.26 0.00	20.59 0.81 -5.33	20.95 1.10 0.00	27.71 1.33 0.00	9.26 0.37 -2.30	12.20 0.67 0.00	23.29 1.35 0.00	5.19 0.33 0.00	4.67 0.31 0.00	6.60 0.46 0.00	4.81 0.35 0.00	2.66 0.21 0.00	8.42 0.71 0.00	18.31 1.48 0.00	23.68 1.77 0.00	33.40 2.20 0.00	46.77 2.62 0.00	48.26 2.52 0.00	37.72 1.90 0.00	30.94 1.65 0.00	32.22 1.65 0.00
DELAWARE___LFGE 323621	7.89 -0.02 -8.30	4.49 -0.02 -4.87	21.75 0.67 0.00	4.61 0.14 0.00	17.12 0.45 -2.22	20.47 0.62 0.00	27.13 0.75 0.00	7.74 0.19 -0.96	11.84 0.31 0.00	22.57 0.63 0.00	4.99 0.13 0.00	4.50 0.13 0.00	6.34 0.19 0.00	4.60 0.14 0.00	2.54 0.09 0.00	8.00 0.29 0.00	17.45 0.61 0.00	22.67 0.76 0.00	32.23 1.03 0.00	45.49 1.34 0.00	47.02 1.29 0.00	36.76 0.94 0.00	30.07 0.78 0.00	31.36 0.79 0.00
DERFIELD_115KV_TB7 355931	-0.39 0.00 0.00	-0.37 0.00 0.00	21.14 0.06 0.00	4.48 0.01 0.00	14.48 0.03 0.00	19.89 0.04 0.00	26.41 0.03 0.00	6.60 0.01 0.00	11.53 0.00 0.00	21.94 0.00 0.00	4.85 0.00 0.00	4.36 0.00 0.00	6.14 0.00 0.00	4.46 0.00 0.00	2.46 0.00 0.00	7.73 0.03 0.00	16.90 0.06 0.00	21.99 0.08 0.00	31.26 0.07 0.00	44.19 0.05 0.00	45.77 0.04 0.00	35.82 0.00 0.00	29.29 0.01 0.00	30.57 0.00 0.00
DOGLEVILLE___HYD 23807	-0.38 0.01 0.00	-0.36 0.01 0.00	20.88 -0.20 0.00	4.44 -0.02 0.00	14.38 -0.07 0.00	19.65 -0.20 0.00	26.01 -0.37 0.00	6.47 -0.13 0.00	11.18 -0.35 0.00	21.09 -0.86 0.00	4.64 -0.22 0.00	4.16 -0.21 0.00	5.84 -0.30 0.00	4.26 -0.19 0.00	2.35 -0.10 0.00	7.43 -0.27 0.00	16.33 -0.50 0.00	21.48 -0.43 0.00	30.73 -0.47 0.00	43.59 -0.56 0.00	45.28 -0.46 0.00	35.33 -0.49 0.00	28.91 -0.37 0.00	30.22 -0.35 0.00
DUNKIRK__115KV_TB_200 55889	2.93 0.01 -3.31	1.60 0.02 -1.94	20.11 -0.96 0.00	4.25 -0.21 0.00	14.54 -0.79 -0.89	18.85 -1.00 0.00	24.97 -1.40 0.00	6.54 -0.43 -0.37	8.91 -0.83 1.79	20.44 -1.46 0.04	4.49 -0.37 0.00	4.11 -0.25 0.00	5.74 -0.40 0.00	4.17 -0.28 0.00	2.35 -0.10 0.00	7.35 -0.36 0.00	15.94 -0.90 0.00	20.48 -1.43 0.00	29.14 -2.06 0.00	41.20 -2.95 0.00	42.30 -3.43 0.00	33.03 -2.80 0.00	25.15 -2.56 1.57	27.94 -2.62 0.00
DUNKIRK___1 23563	2.93 0.01 -3.31	1.60 0.02 -1.94	20.11 -0.96 0.00	4.25 -0.21 0.00	14.54 -0.79 -0.89	18.85 -1.00 0.00	24.97 -1.40 0.00	6.54 -0.43 -0.37	8.91 -0.83 1.79	20.44 -1.46 0.04	4.49 -0.37 0.00	4.11 -0.25 0.00	5.74 -0.40 0.00	4.17 -0.28 0.00	2.35 -0.10 0.00	7.35 -0.36 0.00	15.94 -0.90 0.00	20.48 -1.43 0.00	29.14 -2.06 0.00	41.20 -2.95 0.00	42.30 -3.43 0.00	33.03 -2.80 0.00	25.15 -2.56 1.57	27.94 -2.62 0.00
DUNKIRK___2 23564	2.93 0.01 -3.31	1.60 0.02 -1.94	20.11 -0.96 0.00	4.25 -0.21 0.00	14.54 -0.79 -0.89	18.85 -1.00 0.00	24.97 -1.40 0.00	6.54 -0.43 -0.37	8.91 -0.83 1.79	20.44 -1.46 0.04	4.49 -0.37 0.00	4.11 -0.25 0.00	5.74 -0.40 0.00	4.17 -0.28 0.00	2.35 -0.10 0.00	7.35 -0.36 0.00	15.94 -0.90 0.00	20.48 -1.43 0.00	29.14 -2.06 0.00	41.20 -2.95 0.00	42.30 -3.43 0.00	33.03 -2.80 0.00	25.15 -2.56 1.57	27.94 -2.62 0.00
DUNKIRK___3 23565	2.92 0.02 -3.30	1.59 0.02 -1.94	20.05 -1.03 0.00	4.24 -0.22 0.00	14.50 -0.83 -0.88	18.78 -1.07 0.00	24.91 -1.47 0.00	6.52 -0.45 -0.37	8.74 -0.87 1.92	20.33 -1.57 0.04	4.46 -0.39 0.00	4.09 -0.28 0.00	5.71 -0.43 0.00	4.15 -0.30 0.00	2.34 -0.11 0.00	7.31 -0.40 0.00	15.84 -1.00 0.00	20.37 -1.54 0.00	28.98 -2.22 0.00	40.98 -3.17 0.00	42.10 -3.63 0.00	32.91 -2.91 0.00	25.11 -2.62 1.55	27.94 -2.63 0.00
DUNKIRK___4 23566	2.92 0.02 -3.30	1.59 0.02 -1.94	20.05 -1.03 0.00	4.24 -0.22 0.00	14.50 -0.83 -0.88	18.78 -1.07 0.00	24.91 -1.47 0.00	6.52 -0.45 -0.37	8.74 -0.87 1.92	20.33 -1.57 0.04	4.46 -0.39 0.00	4.09 -0.28 0.00	5.71 -0.43 0.00	4.15 -0.30 0.00	2.34 -0.11 0.00	7.31 -0.40 0.00	15.84 -1.00 0.00	20.37 -1.54 0.00	28.98 -2.22 0.00	40.98 -3.17 0.00	42.10 -3.63 0.00	32.91 -2.91 0.00	25.11 -2.62 1.55	27.94 -2.63 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.72 -0.04 -19.15	10.83 -0.04 -11.24	22.61 1.53 0.00	4.77 0.30 0.00	20.53 0.94 -5.13	21.13 1.27 0.00	27.90 1.52 0.00	9.24 0.43 -2.21	12.32 0.79 0.00	23.55 1.61 0.00	51.24 0.41 -45.98	8.78 0.38 -4.04	6.71 0.56 0.00	4.89 0.44 0.00	2.72 0.26 0.00	8.59 0.88 0.00	18.64 1.80 0.00	24.04 2.13 0.00	33.79 2.60 0.00	47.16 3.02 0.00	48.59 2.86 0.00	37.99 2.17 0.00	31.23 1.95 0.00	32.56 1.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.23 -0.03 -18.66	10.55 -0.03 -10.95	22.39 1.31 0.00	4.73 0.26 0.00	20.28 0.83 -5.00	20.97 1.11 0.00	27.73 1.35 0.00	9.12 0.37 -2.16	12.19 0.67 0.00	23.28 1.33 0.00	-8.25 0.33 13.43	3.49 0.30 1.18	6.59 0.45 0.00	4.81 0.35 0.00	2.66 0.21 0.00	8.43 0.72 0.00	18.33 1.50 0.00	23.71 1.80 0.00	33.45 2.25 0.00	46.84 2.69 0.00	48.32 2.59 0.00	37.76 1.94 0.00	30.99 1.71 0.00	32.27 1.71 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.63 1.55 0.00	4.76 0.30 0.00	20.54 0.96 -5.13	21.14 1.28 0.00	28.00 1.62 0.00	9.28 0.47 -2.22	12.39 0.86 0.00	23.70 1.75 -0.01	51.31 0.44 -46.01	8.80 0.40 -4.04	6.73 0.59 0.00	4.91 0.46 0.00	2.73 0.28 0.00	8.63 0.92 0.00	18.73 1.88 0.00	24.16 2.25 0.00	33.90 2.70 0.00	47.40 3.26 0.00	48.82 3.09 0.00	38.08 2.26 0.00	31.31 2.03 0.00	32.59 2.03 0.00

E179THST_13_KV_LOAD 356214	19.45 -0.04 -19.88	11.94 -0.03 -12.35	22.70 1.62 0.00	4.78 0.31 0.00	20.58 1.00 -5.13	21.20 1.34 0.00	28.08 1.70 0.00	9.30 0.49 -2.22	12.43 0.90 0.00	23.78 1.83 -0.01	51.32 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.67 0.96 0.00	18.80 1.97 0.00	24.26 2.35 0.00	34.03 2.84 0.00	47.61 3.46 0.00	49.01 3.28 0.00	38.23 2.41 0.00	31.43 2.15 0.00	32.71 2.15 0.00
EAST HAMPTON___GT 23717	21.44 -0.06 -21.89	14.93 -0.08 -15.38	30.09 2.59 -6.41	7.25 0.52 -2.27	20.46 1.52 -4.49	19.98 1.72 1.59	26.54 2.01 1.84	10.15 0.54 -3.02	12.15 0.96 0.33	23.71 2.18 0.41	54.28 0.61 -48.81	12.48 0.55 -7.57	5.77 0.78 1.16	17.65 0.60 -12.59	26.82 0.40 -23.97	20.98 1.35 -11.92	35.10 2.89 -15.37	31.88 3.52 -6.45	41.84 4.65 -5.99	55.88 5.99 -5.74	55.20 4.40 -5.07	42.30 2.77 -3.71	37.29 2.99 -5.02	32.80 3.37 1.13
EAST RIVER___6 23660	19.42 -0.04 -19.86	11.90 -0.04 -12.31	22.70 1.62 0.00	4.78 0.32 0.00	20.59 1.01 -5.13	21.22 1.36 0.00	28.03 1.65 0.00	9.27 0.47 -2.21	12.40 0.87 0.00	23.71 1.77 0.00	51.37 0.45 -46.06	8.82 0.42 -4.04	6.76 0.62 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.94 0.00	24.21 2.30 0.00	34.00 2.80 0.00	47.41 3.26 0.00	48.76 3.02 0.00	38.13 2.31 0.00	31.35 2.06 0.00	32.67 2.11 0.00
EAST RIVER___7 23524	19.42 -0.04 -19.86	11.90 -0.04 -12.31	22.70 1.62 0.00	4.78 0.32 0.00	20.59 1.01 -5.13	21.22 1.36 0.00	28.03 1.65 0.00	9.27 0.47 -2.21	12.40 0.87 0.00	23.71 1.77 0.00	51.37 0.45 -46.06	8.82 0.42 -4.04	6.76 0.62 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.94 0.00	24.21 2.30 0.00	34.00 2.80 0.00	47.41 3.26 0.00	48.76 3.02 0.00	38.13 2.31 0.00	31.35 2.06 0.00	32.67 2.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.70 -0.04 -19.13	10.82 -0.04 -11.23	22.52 1.44 0.00	4.75 0.28 0.00	20.48 0.90 -5.12	21.07 1.21 0.00	27.84 1.46 0.00	9.22 0.42 -2.21	12.28 0.75 0.00	23.48 1.54 0.00	53.00 0.39 -47.76	8.92 0.36 -4.19	6.68 0.54 0.00	4.87 0.42 0.00	2.70 0.25 0.00	8.55 0.84 0.00	18.57 1.73 0.00	23.96 2.05 0.00	33.69 2.49 0.00	47.05 2.90 0.00	48.46 2.73 0.00	37.89 2.06 0.00	31.13 1.85 0.00	32.44 1.88 0.00
EAST_HAMPTON___DIESEL 23722	21.44 -0.06 -21.89	14.93 -0.08 -15.38	30.06 2.57 -6.41	7.24 0.51 -2.27	20.44 1.50 -4.49	19.93 1.67 1.59	26.47 1.93 1.84	10.13 0.52 -3.02	12.13 0.93 0.33	23.67 2.14 0.41	54.28 0.61 -48.81	12.48 0.54 -7.57	5.76 0.78 1.16	17.65 0.60 -12.59	26.82 0.40 -23.97	20.98 1.35 -11.92	35.11 2.90 -15.37	31.88 3.52 -6.45	41.84 4.65 -5.99	55.88 5.99 -5.74	55.13 4.33 -5.07	42.21 2.68 -3.71	37.24 2.94 -5.02	32.77 3.33 1.13
EAST_POINT___SOLAR 323840	26.48 -0.03 -26.89	15.40 -0.02 -15.79	22.38 1.30 0.00	4.74 0.27 0.00	22.52 0.86 -7.20	21.10 1.25 -0.01	27.89 1.52 0.00	9.89 0.19 -3.11	11.56 0.04 0.00	21.91 -0.03 0.00	4.81 -0.04 0.00	4.35 -0.02 0.00	6.15 0.01 0.00	4.44 -0.02 0.00	2.44 -0.01 0.00	7.71 0.00 0.00	16.86 0.02 0.00	22.10 0.18 0.00	32.15 0.95 0.00	46.89 2.75 0.00	48.98 3.25 0.00	38.37 2.55 0.00	31.22 1.94 0.00	32.46 1.89 0.00
EAST_PULASKI___ESR 323781	0.96 0.01 -1.34	0.42 0.01 -0.79	20.58 -0.50 0.00	4.36 -0.11 0.00	14.44 -0.37 -0.36	19.36 -0.49 0.00	25.70 -0.67 0.00	6.55 -0.20 -0.15	11.08 -0.45 0.00	21.08 -0.86 0.00	4.65 -0.20 0.00	4.18 -0.18 0.00	5.88 -0.26 0.00	4.27 -0.19 0.00	2.36 -0.09 0.00	7.41 -0.30 0.00	16.19 -0.65 0.00	21.10 -0.82 0.00	30.14 -1.06 0.00	43.01 -1.14 0.00	44.75 -0.98 0.00	35.08 -0.74 0.00	28.62 -0.66 0.00	29.83 -0.74 0.00
EAST_RIVER___1 323558	19.41 -0.04 -19.84	11.87 -0.04 -12.28	22.69 1.62 0.00	4.78 0.32 0.00	20.59 1.01 -5.13	21.21 1.36 0.00	28.03 1.65 0.00	9.27 0.47 -2.21	12.39 0.86 0.00	23.71 1.77 0.00	51.37 0.45 -46.07	8.82 0.41 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.77 1.94 0.00	24.21 2.30 0.00	33.99 2.79 0.00	47.38 3.24 0.00	48.74 3.01 0.00	38.12 2.29 0.00	31.34 2.05 0.00	32.65 2.09 0.00
EAST_RIVER___2 323559	19.42 -0.04 -19.86	11.90 -0.04 -12.31	22.70 1.62 0.00	4.78 0.32 0.00	20.59 1.01 -5.13	21.22 1.36 0.00	28.03 1.65 0.00	9.27 0.47 -2.21	12.40 0.87 0.00	23.71 1.77 0.00	51.37 0.45 -46.06	8.82 0.42 -4.04	6.76 0.62 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.94 0.00	24.21 2.30 0.00	34.00 2.80 0.00	47.41 3.26 0.00	48.76 3.02 0.00	38.13 2.31 0.00	31.35 2.06 0.00	32.67 2.11 0.00
EAST___DELAWARE_HYD 23607	17.19 -0.03 -17.61	9.93 -0.03 -10.34	22.52 1.44 0.00	4.76 0.29 0.00	20.10 0.93 -4.72	21.11 1.25 0.00	27.93 1.56 0.00	9.04 0.42 -2.03	12.24 0.72 0.00	23.33 1.39 0.00	-5.25 0.33 10.43	3.75 0.30 0.92	6.58 0.44 0.00	4.79 0.34 0.00	2.65 0.20 0.00	8.40 0.69 0.00	18.27 1.44 0.00	23.68 1.78 0.00	33.54 2.34 0.00	47.19 3.04 0.00	48.71 2.98 0.00	38.06 2.24 0.00	31.18 1.90 0.00	32.45 1.89 0.00
EIGHT_POINT___WT_PWR 323820	3.67 0.01 -4.05	2.02 0.01 -2.37	20.26 -0.82 0.00	4.28 -0.18 0.00	14.88 -0.65 -1.08	19.08 -0.78 0.00	25.43 -0.95 0.00	6.79 -0.31 -0.51	17.00 -0.70 -6.17	20.76 -1.32 -0.13	4.51 -0.34 0.00	4.11 -0.25 0.00	5.76 -0.38 0.00	4.18 -0.28 0.00	2.34 -0.12 0.00	7.35 -0.36 0.00	16.00 -0.84 0.00	20.73 -1.19 0.00	29.77 -1.43 0.00	42.41 -1.74 0.00	43.74 -1.99 0.00	34.10 -1.73 0.00	24.10 -1.61 3.57	28.96 -1.60 0.00
ELBRIDGE_115KV_TB2 80188	1.44 0.01 -1.83	0.70 0.00 -1.07	20.74 -0.34 0.00	4.39 -0.08 0.00	14.66 -0.28 -0.49	19.50 -0.36 0.00	25.88 -0.50 0.00	6.66 -0.15 -0.21	11.20 -0.33 0.00	21.31 -0.63 0.00	4.70 -0.15 0.00	4.24 -0.12 0.00	5.95 -0.19 0.00	4.33 -0.13 0.00	2.39 -0.06 0.00	7.52 -0.18 0.00	16.40 -0.44 0.00	21.33 -0.58 0.00	30.40 -0.79 0.00	43.08 -1.07 0.00	44.60 -1.13 0.00	34.93 -0.89 0.00	28.50 -0.78 0.00	29.75 -0.82 0.00
ELEC_TRO_TEK 24086	41.19 -0.05 -41.63	45.14 -0.04 -45.55	76.94 1.82 -54.03	33.41 0.37 -28.57	34.19 1.17 -18.58	33.26 1.55 -11.86	38.28 1.87 -10.03	16.55 0.52 -9.44	14.67 0.92 -2.22	34.47 1.94 -10.59	85.10 0.50 -79.75	41.13 0.45 -36.32	21.60 0.65 -14.80	41.33 0.49 -36.39	60.55 0.29 -57.81	78.06 0.95 -69.41	111.66 1.95 -92.87	85.67 2.28 -61.48	96.65 2.77 -62.68	115.45 3.37 -67.93	112.70 3.20 -63.77	69.76 2.46 -31.48	73.75 2.22 -42.25	50.01 2.37 -17.07
ELLENBURG_WT_PWR 323604	-0.39 0.00 0.00	-0.37 0.01 0.00	20.75 -0.33 0.00	4.41 -0.05 0.00	14.33 -0.12 0.00	19.81 -0.05 0.00	26.38 0.00 0.00	6.60 0.01 0.00	11.57 0.04 0.00	21.95 0.00 0.00	4.84 -0.02 0.00	4.34 -0.02 0.00	6.10 -0.04 0.00	4.40 -0.05 0.00	2.41 -0.05 0.00	7.52 -0.19 0.00	16.46 -0.38 0.00	21.58 -0.33 0.00	30.93 -0.26 0.00	44.21 0.06 0.00	46.05 0.32 0.00	36.16 0.34 0.00	29.41 0.13 0.00	30.60 0.04 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	2.76 0.01 -3.14	1.49 0.02 -1.84	19.74 -1.34 0.00	4.18 -0.29 0.00	14.22 -1.07 -0.84	18.41 -1.44 0.00	24.52 -1.86 0.00	6.39 -0.56 -0.35	8.38 -1.10 2.04	19.82 -2.08 0.04	4.37 -0.48 0.00	3.99 -0.38 0.00	5.58 -0.57 0.00	4.05 -0.40 0.00	2.29 -0.16 0.00	7.13 -0.58 0.00	15.46 -1.38 0.00	19.92 -1.99 0.00	28.34 -2.86 0.00	40.11 -4.04 0.00	41.25 -4.48 0.00	32.35 -3.47 0.00	24.77 -3.06 1.45	27.63 -2.94 0.00
EMPIRE_CC_1 323656	22.86 -0.01 -23.26	13.28 -0.01 -13.66	21.85 0.77 0.00	4.62 0.15 0.00	21.18 0.50 -6.23	20.53 0.67 0.00	27.16 0.78 0.00	9.51 0.23 -2.69	11.89 0.36 0.00	22.53 0.58 0.00	12.16 0.12 -7.19	5.07 0.07 -0.63	6.26 0.12 0.00	4.57 0.11 0.00	2.52 0.07 0.00	7.93 0.22 0.00	17.38 0.55 0.00	22.65 0.74 0.00	31.95 0.76 0.00	45.04 0.89 0.00	46.61 0.88 0.00	36.53 0.71 0.00	29.89 0.61 0.00	31.21 0.64 0.00
EMPIRE_CC_2 323658	22.86 -0.01 -23.26	13.28 -0.01 -13.66	21.85 0.77 0.00	4.62 0.15 0.00	21.18 0.50 -6.23	20.53 0.67 0.00	27.16 0.78 0.00	9.51 0.23 -2.69	11.89 0.36 0.00	22.53 0.58 0.00	12.16 0.12 -7.19	5.07 0.07 -0.63	6.26 0.12 0.00	4.57 0.11 0.00	2.52 0.07 0.00	7.93 0.22 0.00	17.38 0.55 0.00	22.65 0.74 0.00	31.95 0.76 0.00	45.04 0.89 0.00	46.61 0.88 0.00	36.53 0.71 0.00	29.89 0.61 0.00	31.21 0.64 0.00
ENORWICH_115KV_TB1 80156	5.62 -0.04 -6.06	3.14 -0.04 -3.56	22.13 1.05 0.00	4.70 0.24 0.00	16.85 0.77 -1.62	20.85 1.00 0.00	27.67 1.30 0.00	7.54 0.25 -0.70	12.16 0.30 -0.34	22.28 0.33 -0.01	4.82 -0.03 0.00	4.39 0.02 0.00	6.16 0.01 0.00	4.45 0.00 0.00	2.46 0.01 0.00	7.79 0.08 0.00	17.12 0.28 0.00	22.57 0.66 0.00	32.75 1.55 0.00	47.01 2.87 0.00	48.67 2.93 0.00	37.94 2.12 0.00	33.04 1.55 -2.21	32.22 1.66 0.00
ERIE_ST__34_KV_TB1-2 80199	2.87 0.01 -3.25	1.56 0.02 -1.91	20.07 -1.01 0.00	4.24 -0.22 0.00	14.50 -0.82 -0.87	18.75 -1.11 0.00	24.94 -1.43 0.00	6.51 -0.45 -0.36	8.89 -0.89 1.75	20.19 -1.72 0.04	4.44 -0.41 0.00	4.05 -0.31 0.00	5.67 -0.47 0.00	4.12 -0.34 0.00	2.32 -0.13 0.00	7.24 -0.47 0.00	15.72 -1.12 0.00	20.26 -1.65 0.00	28.87 -2.33 0.00	40.89 -3.26 0.00	42.08 -3.66 0.00	32.98 -2.84 0.00	25.27 -2.51 1.50	28.19 -2.38 0.00
ERIE_WT_PWR 323693	2.83 0.01 -3.21	1.54 0.02 -1.88	19.87 -1.21 0.00	4.20 -0.27 0.00	14.33 -0.98 -0.86	18.53 -1.32 0.00	24.64 -1.74 0.00	6.43 -0.52 -0.36	8.54 -1.03 1.96	19.97 -1.93 0.04	4.39 -0.46 0.00	4.01 -0.36 0.00	5.61 -0.54 0.00	4.08 -0.38 0.00	2.30 -0.15 0.00	7.17 -0.54 0.00	15.56 -1.28 0.00	20.06 -1.85 0.00	28.54 -2.65 0.00	40.27 -3.87 0.00	41.56 -4.17 0.00	32.58 -3.24 0.00	24.92 -2.87 1.49	27.82 -2.74 0.00
ESPRGFLD_115KV_TB1 80157	-1.42 -0.02 1.01	-0.97 -0.01 0.59	22.00 0.91 0.00	4.66 0.19 0.00	14.80 0.61 0.27	20.73 0.88 0.00	27.57 1.19 0.00	6.73 0.25 0.12	11.89 0.36 0.00	22.64 0.69 0.00	4.99 0.14 0.00	4.52 0.15 0.00	6.37 0.22 0.00	4.60 0.14 0.00	2.53 0.08 0.00	7.97 0.27 0.00	17.37 0.53 0.00	22.58 0.67 0.00	32.39 1.19 0.00	46.29 2.14 0.00	47.99 2.26 0.00	37.59 1.77 0.00	30.62 1.34 0.00	31.91 1.35 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	4.01 -0.01 -4.41	2.21 -0.01 -2.59	21.30 0.22 0.00	4.51 0.05 0.00	15.77 0.14 -1.18	20.05 0.20 0.00	26.61 0.23 0.00	7.12 0.02 -0.51	11.99 -0.09 -0.55	21.72 -0.24 -0.01	4.77 -0.09 0.00	4.30 -0.06 0.00	6.05 -0.09 0.00	4.39 -0.07 0.00	2.43 -0.02 0.00	7.65 -0.06 0.00	16.69 -0.15 0.00	21.77 -0.14 0.00	31.22 0.02 0.00	44.49 0.34 0.00	46.09 0.35 0.00	36.05 0.23 0.00	34.85 0.09 -5.48	30.64 0.07 0.00
ETNA____115KV_TB2 80207	4.01 -0.01 -4.41	2.21 -0.01 -2.59	21.30 0.22 0.00	4.51 0.05 0.00	15.77 0.14 -1.18	20.05 0.20 0.00	26.61 0.23 0.00	7.12 0.02 -0.51	11.99 -0.09 -0.55	21.72 -0.24 -0.01	4.77 -0.09 0.00	4.30 -0.06 0.00	6.05 -0.09 0.00	4.39 -0.07 0.00	2.43 -0.02 0.00	7.65 -0.06 0.00	16.69 -0.15 0.00	21.77 -0.14 0.00	31.22 0.02 0.00	44.49 0.34 0.00	46.09 0.35 0.00	36.05 0.23 0.00	34.85 0.09 -5.48	30.64 0.07 0.00
EUCLID__115KV_TB2 356179	1.24 0.01 -1.62	0.59 0.01 -0.95	20.71 -0.37 0.00	4.38 -0.08 0.00	14.61 -0.28 -0.43	19.47 -0.38 0.00	25.85 -0.53 0.00	6.63 -0.15 -0.19	11.20 -0.32 0.00	21.33 -0.61 0.00	4.71 -0.14 0.00	4.25 -0.12 0.00	5.97 -0.17 0.00	4.33 -0.12 0.00	2.40 -0.05 0.00	7.54 -0.17 0.00	16.45 -0.39 0.00	21.37 -0.54 0.00	30.41 -0.79 0.00	43.05 -1.09 0.00	44.55 -1.18 0.00	34.88 -0.95 0.00	28.47 -0.81 0.00	29.72 -0.85 0.00
E_CANADA_CAP_HY 24051	27.64 -0.02 -28.05	16.08 -0.01 -16.47	22.20 1.12 0.00	4.70 0.24 0.00	22.73 0.76 -7.51	20.93 1.08 -0.01	27.81 1.43 0.00	10.11 0.28 -3.24	11.87 0.34 0.00	22.53 0.58 0.00	4.95 0.10 0.00	4.48 0.12 0.00	6.33 0.18 0.00	4.56 0.11 0.00	2.51 0.06 0.00	7.91 0.20 0.00	17.26 0.42 0.00	22.48 0.57 0.00	32.39 1.19 0.00	46.64 2.49 0.00	48.51 2.78 0.00	38.04 2.22 0.00	30.97 1.69 0.00	32.30 1.73 0.00
E_CANADA_MHWK_HY 24050	-0.38 0.01 0.00	-0.36 0.01 0.00	20.88 -0.20 0.00	4.44 -0.02 0.00	14.38 -0.07 0.00	19.65 -0.20 0.00	26.01 -0.37 0.00	6.47 -0.13 0.00	11.18 -0.35 0.00	21.09 -0.86 0.00	4.64 -0.21 0.00	4.16 -0.21 0.00	5.84 -0.30 0.00	4.26 -0.19 0.00	2.35 -0.10 0.00	7.43 -0.27 0.00	16.33 -0.50 0.00	21.48 -0.43 0.00	30.73 -0.47 0.00	43.60 -0.55 0.00	45.28 -0.46 0.00	35.33 -0.49 0.00	28.91 -0.37 0.00	30.21 -0.35 0.00
E_FISHKILL__LBMP 23776	19.24 -0.03 -19.66	11.14 -0.03 -11.54	22.35 1.27 0.00	4.72 0.25 0.00	20.51 0.80 -5.27	20.93 1.07 0.00	27.66 1.28 0.00	9.23 0.36 -2.27	12.18 0.65 0.00	23.26 1.32 0.00	17.03 0.33 -11.85	5.71 0.30 -1.04	6.59 0.45 0.00	4.81 0.35 0.00	2.66 0.21 0.00	8.42 0.72 0.00	18.31 1.47 0.00	23.66 1.75 0.00	33.34 2.15 0.00	46.64 2.49 0.00	48.09 2.36 0.00	37.60 1.78 0.00	30.87 1.59 0.00	32.18 1.61 0.00
FALCON__SEABRD_CC1 323796	-0.40 -0.01 0.00	-0.37 0.00 0.00	20.95 -0.13 0.00	4.45 -0.01 0.00	14.45 0.00 0.00	20.04 0.18 0.00	26.63 0.25 0.00	6.67 0.08 0.00	11.68 0.15 0.00	22.12 0.18 0.00	4.87 0.02 0.00	4.37 0.00 0.00	6.16 0.01 0.00	4.44 -0.02 0.00	2.43 -0.02 0.00	7.58 -0.13 0.00	16.59 -0.25 0.00	21.77 -0.14 0.00	31.15 -0.05 0.00	44.59 0.44 0.00	46.48 0.75 0.00	36.50 0.68 0.00	29.69 0.41 0.00	30.84 0.28 0.00
FALCON__SEABRD_CC2 323797	-0.40 -0.01 0.00	-0.37 0.00 0.00	20.95 -0.13 0.00	4.45 -0.01 0.00	14.45 0.00 0.00	20.04 0.18 0.00	26.63 0.25 0.00	6.67 0.08 0.00	11.68 0.15 0.00	22.12 0.18 0.00	4.87 0.02 0.00	4.37 0.00 0.00	6.16 0.01 0.00	4.44 -0.02 0.00	2.43 -0.02 0.00	7.58 -0.13 0.00	16.59 -0.25 0.00	21.77 -0.14 0.00	31.15 -0.05 0.00	44.59 0.44 0.00	46.48 0.75 0.00	36.50 0.68 0.00	29.69 0.41 0.00	30.84 0.28 0.00

FAR ROCKAWAY___4 23548	62.07 -0.05 -62.51	77.87 -0.04 -78.28	130.52 2.04 -107.41	63.28 0.42 -58.40	51.89 1.31 -36.12	51.28 1.75 -29.68	55.09 2.13 -26.58	23.86 0.59 -16.67	18.20 1.04 -5.63	48.32 2.17 -24.20	120.71 0.55 -115.31	73.16 0.49 -68.30	42.01 0.72 -35.15	56.33 0.54 -51.33	75.66 0.32 -72.90	137.39 1.04 -128.64	192.72 2.08 -173.79	147.37 2.45 -123.00	160.23 3.09 -125.94	185.43 3.91 -137.37	178.36 3.54 -129.09	101.17 2.74 -62.60	115.69 2.42 -83.99	74.58 2.69 -41.32
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.70 1.62 0.00	4.78 0.32 0.00	20.59 1.01 -5.13	21.21 1.35 0.00	28.03 1.65 0.00	9.27 0.47 -2.21	12.39 0.86 0.00	23.71 1.76 0.00	51.36 0.45 -46.06	8.82 0.41 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.77 1.93 0.00	24.20 2.29 0.00	33.97 2.78 0.00	47.36 3.21 0.00	48.73 3.00 0.00	38.12 2.29 0.00	31.34 2.06 0.00	32.65 2.09 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.70 1.62 0.00	4.78 0.32 0.00	20.59 1.01 -5.13	21.22 1.36 0.00	28.03 1.65 0.00	9.27 0.47 -2.21	12.40 0.87 0.00	23.71 1.76 0.00	51.36 0.45 -46.06	8.82 0.41 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.94 0.00	24.21 2.29 0.00	33.97 2.78 0.00	47.37 3.22 0.00	48.75 3.02 0.00	38.12 2.30 0.00	31.34 2.06 0.00	32.67 2.11 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.69 1.61 0.00	4.78 0.32 0.00	20.58 1.00 -5.13	21.20 1.35 0.00	28.01 1.64 0.00	9.27 0.47 -2.21	12.39 0.86 0.00	23.69 1.75 0.00	51.36 0.45 -46.06	8.81 0.41 -4.04	6.76 0.61 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.95 0.00	18.76 1.92 0.00	24.18 2.27 0.00	33.96 2.76 0.00	47.32 3.18 0.00	48.71 2.98 0.00	38.09 2.27 0.00	31.32 2.04 0.00	32.65 2.09 0.00
FARRAGUT___LBMP 323566	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.67 1.59 0.00	4.78 0.31 0.00	20.57 0.99 -5.13	21.19 1.33 0.00	28.00 1.62 0.00	9.27 0.46 -2.21	12.38 0.85 0.00	23.67 1.73 0.00	51.35 0.45 -46.06	8.81 0.41 -4.04	6.75 0.61 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.91 0.00	24.16 2.25 0.00	33.93 2.73 0.00	47.29 3.14 0.00	48.67 2.94 0.00	38.06 2.24 0.00	31.30 2.02 0.00	32.62 2.06 0.00
FENNER___WINDPWR 24204	1.98 -0.01 -2.38	1.02 -0.01 -1.40	21.26 0.18 0.00	4.50 0.04 0.00	15.20 0.11 -0.64	20.03 0.18 0.00	26.60 0.22 0.00	6.89 0.02 -0.27	11.48 -0.05 0.00	21.82 -0.12 0.00	4.81 -0.04 0.00	4.34 -0.03 0.00	6.10 -0.05 0.00	4.42 -0.03 0.00	2.44 -0.01 0.00	7.69 -0.02 0.00	16.81 -0.03 0.00	21.91 0.00 0.00	31.34 0.14 0.00	44.55 0.40 0.00	46.23 0.50 0.00	36.19 0.37 0.00	30.56 0.23 -1.06	30.77 0.20 0.00
FIBERTEK___ENERGY 23856	1.40 0.00 -1.79	0.68 0.00 -1.05	20.87 -0.21 0.00	4.41 -0.05 0.00	14.75 -0.18 -0.48	19.62 -0.23 0.00	26.05 -0.33 0.00	6.70 -0.11 -0.21	11.27 -0.26 0.00	21.45 -0.49 0.00	4.74 -0.12 0.00	4.27 -0.10 0.00	6.00 -0.14 0.00	4.36 -0.10 0.00	2.41 -0.04 0.00	7.58 -0.13 0.00	16.54 -0.30 0.00	21.51 -0.40 0.00	30.66 -0.54 0.00	43.41 -0.73 0.00	44.94 -0.80 0.00	35.18 -0.64 0.00	28.71 -0.57 0.00	29.96 -0.60 0.00
FITZPATRICK___ 23598	0.71 0.01 -1.09	0.28 0.01 -0.64	20.44 -0.63 0.00	4.33 -0.14 0.00	14.29 -0.46 -0.29	19.23 -0.62 0.00	25.53 -0.85 0.00	6.49 -0.22 -0.13	11.09 -0.44 0.00	21.11 -0.83 0.00	4.66 -0.19 0.00	4.20 -0.16 0.00	5.91 -0.23 0.00	4.29 -0.16 0.00	2.37 -0.09 0.00	7.45 -0.26 0.00	16.25 -0.59 0.00	21.10 -0.81 0.00	30.00 -1.20 0.00	42.46 -1.69 0.00	43.97 -1.76 0.00	34.44 -1.39 0.00	28.12 -1.16 0.00	29.37 -1.20 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.90 -0.04 -19.32	10.94 -0.03 -11.34	22.55 1.47 0.00	4.76 0.29 0.00	20.56 0.93 -5.18	21.12 1.27 0.00	27.93 1.55 0.00	9.25 0.43 -2.23	12.28 0.75 0.00	23.44 1.50 0.00	5.22 0.37 0.00	4.70 0.33 0.00	6.64 0.50 0.00	4.84 0.38 0.00	2.68 0.23 0.00	8.49 0.78 0.00	18.48 1.64 0.00	23.92 2.01 0.00	33.74 2.54 0.00	47.24 3.09 0.00	48.71 2.98 0.00	38.06 2.24 0.00	31.22 1.93 0.00	32.50 1.93 0.00
FORT ORANGE___ 23900	23.34 -0.01 -23.74	13.56 -0.01 -13.93	21.73 0.65 0.00	4.59 0.13 0.00	21.22 0.41 -6.36	20.43 0.57 0.00	27.04 0.67 0.00	9.51 0.18 -2.74	11.79 0.26 0.00	22.38 0.44 0.00	4.95 0.10 0.00	4.43 0.06 0.00	6.25 0.10 0.00	4.55 0.09 0.00	2.51 0.05 0.00	7.90 0.19 0.00	17.32 0.48 0.00	22.58 0.67 0.00	32.00 0.80 0.00	45.12 0.97 0.00	46.71 0.98 0.00	36.56 0.74 0.00	29.94 0.66 0.00	31.21 0.65 0.00
FORT_DRUM_COGEN 23780	0.58 0.02 -0.95	0.19 0.00 -0.56	20.47 -0.61 0.00	4.33 -0.13 0.00	14.26 -0.44 -0.25	19.38 -0.47 0.00	25.82 -0.56 0.00	6.49 -0.22 -0.11	10.96 -0.56 0.00	20.81 -1.13 0.00	4.57 -0.28 0.00	4.10 -0.26 0.00	5.76 -0.38 0.00	4.18 -0.28 0.00	2.30 -0.15 0.00	7.24 -0.47 0.00	15.89 -0.95 0.00	20.87 -1.04 0.00	30.15 -1.05 0.00	43.84 -0.30 0.00	46.05 0.32 0.00	36.12 0.30 0.00	29.36 0.08 0.00	30.52 -0.05 0.00
FOX_HILLS___ESR 323835	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.81 1.73 0.00	4.80 0.34 0.00	20.66 1.08 -5.13	21.31 1.45 0.00	28.18 1.80 0.00	9.31 0.50 -2.22	12.41 0.88 0.00	23.74 1.79 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.61 0.00	4.93 0.47 0.00	2.74 0.29 0.00	8.66 0.96 0.00	18.81 1.97 0.00	37.73 2.30 -13.51	50.58 2.64 -16.75	49.15 2.97 -2.03	48.96 3.23 0.00	51.59 2.53 -13.24	47.33 2.26 -15.79	44.54 2.30 -11.67
FPL_FAR_ROCK_GT1 24212	62.07 -0.05 -62.51	77.87 -0.05 -78.28	130.52 2.03 -107.41	63.27 0.41 -58.40	51.88 1.31 -36.12	51.27 1.74 -29.68	55.05 2.10 -26.58	23.86 0.59 -16.67	18.18 1.02 -5.63	48.29 2.14 -24.20	120.72 0.55 -115.31	73.16 0.49 -68.30	42.01 0.72 -35.15	56.33 0.54 -51.33	75.66 0.32 -72.90	137.39 1.04 -128.64	192.71 2.08 -173.79	147.36 2.45 -123.00	160.24 3.11 -125.94	185.43 3.92 -137.37	178.36 3.53 -129.09	101.17 2.74 -62.60	115.70 2.43 -83.99	74.57 2.69 -41.32
FPL_FAR_ROCK_GT2 23815	62.07 -0.05 -62.51	77.87 -0.05 -78.28	130.52 2.03 -107.41	63.27 0.41 -58.40	51.88 1.31 -36.12	51.27 1.74 -29.68	55.05 2.10 -26.58	23.86 0.59 -16.67	18.18 1.02 -5.63	48.29 2.14 -24.20	120.72 0.55 -115.31	73.16 0.49 -68.30	42.01 0.72 -35.15	56.33 0.54 -51.33	75.66 0.32 -72.90	137.39 1.04 -128.64	192.71 2.08 -173.79	147.36 2.45 -123.00	160.24 3.11 -125.94	185.43 3.92 -137.37	178.36 3.53 -129.09	101.17 2.74 -62.60	115.70 2.43 -83.99	74.57 2.69 -41.32
FRANKLIN_FALL_HYD 24054	-0.39 0.00 0.00	-0.37 0.01 0.00	20.70 -0.38 0.00	4.40 -0.06 0.00	14.29 -0.16 0.00	19.73 -0.12 0.00	26.31 -0.07 0.00	6.57 -0.02 0.00	11.50 -0.03 0.00	21.81 -0.13 0.00	4.81 -0.04 0.00	4.31 -0.05 0.00	6.05 -0.09 0.00	4.36 -0.09 0.00	2.38 -0.07 0.00	7.44 -0.27 0.00	16.31 -0.52 0.00	21.40 -0.51 0.00	30.76 -0.44 0.00	44.11 -0.04 0.00	46.09 0.36 0.00	36.25 0.42 0.00	29.46 0.18 0.00	30.64 0.07 0.00

FREEPORT_EQUS_GT1 23764	37.17 -0.05 -37.61	38.52 -0.05 -38.94	65.82 1.97 -42.78	28.25 0.40 -23.39	32.33 1.26 -16.62	31.79 1.66 -10.28	36.91 1.98 -8.56	15.11 0.56 -7.96	14.42 0.96 -1.93	33.01 2.02 -9.04	78.36 0.52 -72.98	34.82 0.47 -29.99	19.54 0.68 -12.71	33.95 0.52 -28.97	48.01 0.30 -45.25	63.71 1.00 -55.01	92.15 2.06 -73.26	72.85 2.43 -48.51	83.44 2.90 -49.34	101.07 3.57 -53.36	99.27 3.53 -50.01	63.45 2.72 -24.92	65.17 2.44 -33.45	47.11 2.62 -13.92
FREEPORT___CT2 23818	37.17 -0.05 -37.61	38.52 -0.05 -38.94	65.82 1.97 -42.78	28.25 0.40 -23.39	32.33 1.26 -16.62	31.79 1.66 -10.28	36.91 1.98 -8.56	15.11 0.56 -7.96	14.42 0.96 -1.93	33.01 2.02 -9.04	78.36 0.52 -72.98	34.82 0.47 -29.99	19.54 0.68 -12.71	33.95 0.52 -28.97	48.01 0.30 -45.25	63.71 1.00 -55.01	92.15 2.06 -73.26	72.85 2.43 -48.51	83.44 2.90 -49.34	101.07 3.57 -53.36	99.27 3.53 -50.01	63.45 2.72 -24.92	65.17 2.44 -33.45	47.11 2.62 -13.92
FRESHKLS_33_KV_LOAD 356253	19.62 -0.04 -20.04	12.19 -0.03 -12.59	22.90 1.82 0.00	4.82 0.36 0.00	20.72 1.14 -5.13	21.40 1.54 0.00	28.29 1.91 0.00	9.32 0.52 -2.22	12.41 0.88 0.00	23.72 1.78 -0.01	51.32 0.45 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.66 0.95 0.00	18.79 1.95 0.00	37.70 2.28 -13.51	47.10 2.54 -13.37	48.30 2.83 -1.32	49.09 3.35 0.00	51.73 2.67 -13.24	47.44 2.37 -15.79	44.66 2.42 -11.67
FULTON COGEN____ 23766	1.06 0.01 -1.44	0.48 0.01 -0.85	20.57 -0.51 0.00	4.36 -0.11 0.00	14.47 -0.37 -0.39	19.35 -0.50 0.00	25.68 -0.70 0.00	6.57 -0.20 -0.17	11.12 -0.41 0.00	21.17 -0.78 0.00	4.67 -0.18 0.00	4.21 -0.16 0.00	5.93 -0.22 0.00	4.30 -0.16 0.00	2.37 -0.08 0.00	7.47 -0.24 0.00	16.31 -0.53 0.00	21.20 -0.71 0.00	30.19 -1.00 0.00	42.77 -1.38 0.00	44.33 -1.40 0.00	34.71 -1.11 0.00	28.32 -0.96 0.00	29.56 -1.01 0.00
FULTON___LFGE 323630	26.19 -0.02 -26.60	15.23 -0.02 -15.62	22.25 1.17 0.00	4.72 0.25 0.00	22.41 0.83 -7.13	20.97 1.12 -0.01	27.76 1.39 0.00	9.90 0.23 -3.07	11.70 0.17 0.00	22.11 0.16 0.00	4.81 -0.04 0.00	4.38 0.02 0.00	6.19 0.05 0.00	4.47 0.02 0.00	2.46 0.01 0.00	7.77 0.06 0.00	16.98 0.14 0.00	22.22 0.31 0.00	32.22 1.03 0.00	46.59 2.44 0.00	48.55 2.81 0.00	38.02 2.20 0.00	30.98 1.70 0.00	32.30 1.73 0.00
G.F.CEMENT___DRP 24184	24.11 -0.02 -24.52	14.00 -0.02 -14.39	22.19 1.11 0.00	4.69 0.23 0.00	21.75 0.74 -6.57	20.90 1.05 0.00	27.65 1.27 0.00	9.75 0.32 -2.83	12.00 0.47 0.00	22.63 0.69 0.00	4.95 0.10 0.00	4.44 0.07 0.00	6.27 0.13 0.00	4.58 0.13 0.00	2.53 0.07 0.00	7.98 0.27 0.00	17.56 0.72 0.00	23.06 1.15 0.00	32.94 1.74 0.00	46.70 2.55 0.00	48.45 2.71 0.00	37.87 2.05 0.00	30.87 1.59 0.00	32.04 1.47 0.00
GARDENVILLE___LBMP 24039	2.82 0.01 -3.20	1.53 0.03 -1.88	19.82 -1.26 0.00	4.19 -0.27 0.00	14.30 -1.00 -0.86	18.50 -1.35 0.00	24.62 -1.76 0.00	6.42 -0.53 -0.36	8.23 -1.05 2.25	19.92 -1.97 0.05	4.39 -0.46 0.00	4.00 -0.36 0.00	5.60 -0.54 0.00	4.07 -0.38 0.00	2.30 -0.15 0.00	7.16 -0.55 0.00	15.54 -1.30 0.00	20.02 -1.89 0.00	28.49 -2.71 0.00	40.34 -3.81 0.00	41.49 -4.25 0.00	32.51 -3.31 0.00	24.85 -2.92 1.50	27.75 -2.82 0.00
GARDNVLA_35_KV_LD 355827	2.83 0.01 -3.21	1.54 0.03 -1.89	19.88 -1.19 0.00	4.20 -0.26 0.00	14.34 -0.97 -0.86	18.55 -1.30 0.00	24.68 -1.70 0.00	6.44 -0.51 -0.36	8.66 -1.03 1.85	19.99 -1.91 0.04	4.40 -0.45 0.00	4.02 -0.35 0.00	5.62 -0.53 0.00	4.08 -0.37 0.00	2.31 -0.15 0.00	7.18 -0.53 0.00	15.59 -1.25 0.00	20.09 -1.82 0.00	28.60 -2.59 0.00	40.48 -3.67 0.00	41.63 -4.10 0.00	32.64 -3.19 0.00	24.96 -2.83 1.49	27.85 -2.71 0.00
GELCKHM___115KV_LOAD 80723	1.29 0.00 -1.67	0.61 0.00 -0.98	20.76 -0.31 0.00	4.39 -0.06 0.00	14.65 -0.24 -0.45	19.52 -0.33 0.00	25.92 -0.46 0.00	6.65 -0.14 -0.19	11.23 -0.30 0.00	21.37 -0.57 0.00	4.72 -0.13 0.00	4.25 -0.11 0.00	5.98 -0.16 0.00	4.34 -0.11 0.00	2.40 -0.05 0.00	7.55 -0.16 0.00	16.48 -0.36 0.00	21.41 -0.50 0.00	30.49 -0.71 0.00	43.18 -0.97 0.00	44.69 -1.04 0.00	34.98 -0.84 0.00	28.56 -0.73 0.00	29.80 -0.76 0.00
GENERAL___MILLS 23808	2.83 0.01 -3.21	1.54 0.02 -1.88	19.86 -1.22 0.00	4.20 -0.27 0.00	14.33 -0.98 -0.86	18.53 -1.32 0.00	24.66 -1.72 0.00	6.43 -0.52 -0.36	8.54 -1.04 1.96	19.96 -1.94 0.04	4.39 -0.46 0.00	4.01 -0.35 0.00	5.61 -0.53 0.00	4.08 -0.38 0.00	2.30 -0.15 0.00	7.17 -0.53 0.00	15.56 -1.28 0.00	20.06 -1.85 0.00	28.55 -2.65 0.00	40.41 -3.74 0.00	41.56 -4.17 0.00	32.58 -3.24 0.00	24.92 -2.87 1.49	27.82 -2.75 0.00
GE_PLASTICS___DRP 24183	23.33 -0.01 -23.73	13.55 -0.01 -13.93	21.69 0.61 0.00	4.59 0.12 0.00	21.20 0.39 -6.35	20.40 0.54 0.00	27.00 0.62 0.00	9.51 0.18 -2.74	11.80 0.28 0.00	22.44 0.50 0.00	10.70 0.11 -5.73	4.95 0.08 -0.50	6.27 0.13 0.00	4.57 0.11 0.00	2.52 0.07 0.00	7.94 0.23 0.00	17.36 0.52 0.00	22.61 0.70 0.00	32.02 0.82 0.00	45.07 0.92 0.00	46.63 0.90 0.00	36.50 0.68 0.00	29.91 0.63 0.00	31.19 0.62 0.00
GILBOA___1 23756	18.35 -0.02 -18.75	10.62 -0.01 -11.01	21.76 0.68 0.00	4.61 0.14 0.00	19.96 0.49 -5.03	20.51 0.65 0.00	27.16 0.78 0.00	8.97 0.21 -2.17	11.89 0.37 0.00	22.71 0.77 0.00	5.03 0.18 0.00	4.52 0.16 0.00	6.38 0.23 0.00	4.63 0.17 0.00	2.55 0.09 0.00	8.03 0.32 0.00	17.53 0.69 0.00	22.76 0.85 0.00	32.22 1.02 0.00	45.29 1.14 0.00	46.86 1.13 0.00	36.64 0.82 0.00	30.05 0.77 0.00	31.34 0.77 0.00
GILBOA___2 23757	18.35 -0.02 -18.75	10.62 -0.01 -11.01	21.76 0.68 0.00	4.61 0.14 0.00	19.96 0.49 -5.03	20.51 0.65 0.00	27.16 0.78 0.00	8.97 0.21 -2.17	11.89 0.37 0.00	22.71 0.77 0.00	5.03 0.18 0.00	4.52 0.16 0.00	6.38 0.23 0.00	4.63 0.17 0.00	2.55 0.09 0.00	8.03 0.32 0.00	17.53 0.69 0.00	22.76 0.85 0.00	32.22 1.02 0.00	45.29 1.14 0.00	46.86 1.13 0.00	36.64 0.82 0.00	30.05 0.77 0.00	31.34 0.77 0.00
GILBOA___3 23758	18.35 -0.02 -18.75	10.62 -0.01 -11.01	21.76 0.68 0.00	4.61 0.14 0.00	19.96 0.49 -5.03	20.51 0.65 0.00	27.16 0.78 0.00	8.97 0.21 -2.17	11.89 0.37 0.00	22.71 0.77 0.00	5.03 0.18 0.00	4.52 0.16 0.00	6.38 0.23 0.00	4.63 0.17 0.00	2.55 0.09 0.00	8.03 0.32 0.00	17.53 0.69 0.00	22.76 0.85 0.00	32.22 1.02 0.00	45.29 1.14 0.00	46.86 1.13 0.00	36.64 0.82 0.00	30.05 0.77 0.00	31.34 0.77 0.00
GILBOA___4 23759	18.35 -0.02 -18.75	10.62 -0.01 -11.01	21.76 0.68 0.00	4.61 0.14 0.00	19.96 0.49 -5.03	20.51 0.65 0.00	27.16 0.78 0.00	8.97 0.21 -2.17	11.89 0.37 0.00	22.71 0.77 0.00	5.03 0.18 0.00	4.52 0.16 0.00	6.38 0.23 0.00	4.63 0.17 0.00	2.55 0.09 0.00	8.03 0.32 0.00	17.53 0.69 0.00	22.76 0.85 0.00	32.22 1.02 0.00	45.29 1.14 0.00	46.86 1.13 0.00	36.64 0.82 0.00	30.05 0.77 0.00	31.34 0.77 0.00

GILBOA____ 23599	18.35 -0.02 -18.75	10.62 -0.01 -11.01	21.76 0.68 0.00	4.61 0.14 0.00	19.96 0.48 -5.03	20.51 0.65 0.00	27.16 0.78 0.00	8.97 0.21 -2.17	11.89 0.37 0.00	22.71 0.77 0.00	5.03 0.18 0.00	4.52 0.16 0.00	6.38 0.23 0.00	4.63 0.17 0.00	2.55 0.09 0.00	8.03 0.32 0.00	17.53 0.69 0.00	22.76 0.85 0.00	32.21 1.02 0.00	45.28 1.13 0.00	46.87 1.14 0.00	36.64 0.81 0.00	30.05 0.77 0.00	31.34 0.77 0.00
GINNA____ 23603	1.90 0.02 -2.27	0.98 0.02 -1.33	19.40 -1.68 0.00	4.10 -0.36 0.00	13.83 -1.23 -0.61	18.18 -1.67 0.00	24.17 -2.20 0.00	6.25 -0.61 -0.26	10.35 -1.18 0.00	19.69 -2.25 0.00	4.34 -0.51 0.00	3.92 -0.44 0.00	5.51 -0.64 0.00	4.00 -0.46 0.00	2.23 -0.22 0.00	6.98 -0.72 0.00	15.24 -1.60 0.00	19.74 -2.17 0.00	28.24 -2.96 0.00	40.07 -4.08 0.00	41.44 -4.29 0.00	32.47 -3.35 0.00	25.59 -2.92 0.77	27.61 -2.96 0.00
GLEN PARK____ 23778	0.61 0.02 -0.98	0.21 0.00 -0.58	20.50 -0.58 0.00	4.34 -0.13 0.00	14.29 -0.42 -0.26	19.41 -0.44 0.00	25.86 -0.52 0.00	6.49 -0.22 -0.11	10.93 -0.60 0.00	20.75 -1.20 0.00	4.56 -0.29 0.00	4.09 -0.28 0.00	5.74 -0.40 0.00	4.16 -0.29 0.00	2.29 -0.16 0.00	7.22 -0.49 0.00	15.84 -1.00 0.00	20.80 -1.11 0.00	30.03 -1.17 0.00	43.81 -0.33 0.00	46.12 0.38 0.00	36.17 0.35 0.00	29.39 0.11 0.00	30.54 -0.03 0.00
GLENDALE_27_KV_LOAD 356172	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.79 1.71 0.00	4.80 0.34 0.00	20.64 1.06 -5.13	21.29 1.44 0.00	28.15 1.77 0.00	9.32 0.50 -2.22	12.46 0.93 0.00	23.84 1.89 -0.01	51.34 0.47 -46.01	8.83 0.43 -4.04	6.78 0.64 0.00	4.95 0.50 0.00	2.75 0.30 0.00	8.70 0.99 0.00	18.86 2.02 0.00	24.31 2.40 0.00	34.08 2.89 0.00	47.52 3.37 0.00	48.98 3.25 0.00	38.28 2.46 0.00	31.49 2.20 0.00	32.78 2.21 0.00
GLENWOOD_IC_1_G5 23712	34.07 -0.05 -34.51	33.93 -0.04 -34.34	58.56 1.78 -35.70	23.34 0.36 -18.52	28.45 1.13 -12.86	27.49 1.51 -6.13	32.93 1.83 -4.72	14.06 0.51 -6.96	13.57 0.91 -1.13	29.98 1.88 -6.15	72.98 0.46 -67.66	30.19 0.43 -25.40	14.97 0.63 -8.21	35.34 0.49 -30.40	53.54 0.29 -50.80	57.35 0.96 -48.68	83.44 1.99 -64.62	64.75 2.35 -40.49	75.26 2.88 -41.19	92.04 3.45 -44.44	90.75 3.28 -41.74	59.12 2.50 -20.79	59.43 2.24 -27.92	42.01 2.33 -9.12
GLENWOOD_IC_2_G1 23688	19.07 -0.04 -19.50	11.36 -0.04 -11.77	23.70 1.65 -0.97	5.25 0.33 -0.46	20.75 1.04 -5.26	21.30 1.39 -0.06	28.07 1.67 -0.02	9.41 0.47 -2.34	12.38 0.84 -0.01	23.79 1.74 -0.10	51.64 0.45 -46.35	9.36 0.41 -4.59	6.86 0.60 -0.11	6.02 0.46 -1.10	4.68 0.28 -1.96	10.06 0.91 -1.45	20.62 1.87 -1.91	25.23 2.21 -1.10	35.02 2.71 -1.12	48.58 3.23 -1.21	49.89 3.02 -1.14	38.69 2.31 -0.56	32.11 2.07 -0.76	32.85 2.14 -0.14
GLENWOOD_IC_3_G1 23689	19.07 -0.04 -19.50	11.36 -0.04 -11.77	23.70 1.65 -0.97	5.25 0.33 -0.46	20.75 1.04 -5.26	21.30 1.39 -0.06	28.07 1.67 -0.02	9.41 0.47 -2.34	12.38 0.84 -0.01	23.79 1.74 -0.10	51.64 0.45 -46.35	9.36 0.41 -4.59	6.86 0.60 -0.11	6.02 0.46 -1.10	4.68 0.28 -1.96	10.06 0.91 -1.45	20.62 1.87 -1.91	25.23 2.21 -1.10	35.02 2.71 -1.12	48.58 3.23 -1.21	49.89 3.02 -1.14	38.69 2.31 -0.56	32.11 2.07 -0.76	32.85 2.14 -0.14
GLENWOOD___4 23550	34.07 -0.05 -34.51	33.93 -0.04 -34.34	58.56 1.78 -35.70	23.34 0.36 -18.52	28.45 1.13 -12.86	27.49 1.51 -6.13	32.93 1.83 -4.72	14.06 0.51 -6.96	13.57 0.91 -1.13	29.98 1.89 -6.15	72.98 0.47 -67.66	30.19 0.43 -25.40	14.98 0.63 -8.21	35.34 0.49 -30.40	53.54 0.29 -50.80	57.35 0.96 -48.68	83.44 1.99 -64.62	64.75 2.35 -40.49	75.26 2.88 -41.19	92.04 3.45 -44.44	90.75 3.28 -41.74	59.12 2.50 -20.79	59.43 2.24 -27.92	42.01 2.33 -9.12
GLENWOOD___5 23614	34.07 -0.05 -34.51	33.93 -0.04 -34.34	58.56 1.78 -35.70	23.34 0.36 -18.52	28.45 1.13 -12.86	27.49 1.51 -6.13	32.93 1.83 -4.72	14.06 0.51 -6.96	13.57 0.91 -1.13	29.98 1.89 -6.15	72.98 0.47 -67.66	30.19 0.43 -25.40	14.98 0.63 -8.21	35.34 0.49 -30.40	53.54 0.29 -50.80	57.35 0.96 -48.68	83.44 1.99 -64.62	64.75 2.35 -40.49	75.26 2.88 -41.19	92.04 3.45 -44.44	90.75 3.28 -41.74	59.12 2.50 -20.79	59.43 2.24 -27.92	42.01 2.33 -9.12
GLOBAL GREEN_PORT_GT1 23814	21.44 -0.06 -21.89	14.94 -0.07 -15.38	30.15 2.65 -6.41	7.26 0.53 -2.27	20.54 1.59 -4.49	20.16 1.90 1.59	26.78 2.24 1.84	10.21 0.60 -3.02	12.26 1.06 0.33	23.86 2.33 0.41	54.30 0.63 -48.82	12.50 0.56 -7.57	5.79 0.80 1.16	17.67 0.62 -12.59	26.82 0.40 -23.97	20.96 1.33 -11.93	35.05 2.84 -15.38	31.82 3.46 -6.45	41.75 4.56 -5.99	55.74 5.85 -5.74	55.43 4.62 -5.07	42.63 3.10 -3.71	37.44 3.14 -5.02	32.90 3.47 1.13
GLOBE___DSASP 323697	2.58 0.02 -2.95	1.39 0.03 -1.73	19.10 -1.98 0.00	4.04 -0.42 0.00	13.73 -1.51 -0.79	17.80 -2.05 0.00	23.78 -2.60 0.00	6.18 -0.75 -0.33	8.58 -1.44 1.51	19.12 -2.79 0.03	4.23 -0.63 0.00	3.85 -0.52 0.00	5.39 -0.75 0.00	3.93 -0.52 0.00	2.23 -0.22 0.00	6.94 -0.77 0.00	14.98 -1.86 0.00	19.23 -2.68 0.00	27.33 -3.86 0.00	38.64 -5.51 0.00	39.72 -6.02 0.00	31.22 -4.60 0.00	24.04 -3.96 1.29	26.74 -3.82 0.00
GOETHSLN___LBMP 323567	19.44 -0.04 -19.87	11.92 -0.03 -12.33	22.55 1.47 0.00	4.75 0.29 0.00	20.49 0.91 -5.13	21.08 1.22 0.00	27.84 1.46 0.00	9.23 0.43 -2.21	12.32 0.79 0.00	23.56 1.62 0.00	51.34 0.42 -46.06	8.80 0.39 -4.04	6.73 0.59 0.00	4.91 0.46 0.00	2.73 0.28 0.00	8.63 0.93 0.00	18.70 1.86 0.00	21.96 2.18 2.13	31.76 2.65 2.08	46.95 3.02 0.21	48.46 2.72 0.00	36.57 2.09 1.33	29.58 1.89 1.59	31.32 1.93 1.18
GOLAH___69_KV_TB 1_2 80279	2.01 0.01 -2.40	1.05 0.01 -1.41	20.20 -0.88 0.00	4.27 -0.19 0.00	14.39 -0.70 -0.64	18.92 -0.94 0.00	25.17 -1.21 0.00	6.48 -0.38 -0.27	10.44 -0.83 0.26	20.34 -1.60 0.01	4.49 -0.37 0.00	4.06 -0.30 0.00	5.70 -0.44 0.00	4.14 -0.32 0.00	2.32 -0.14 0.00	7.23 -0.48 0.00	15.76 -1.08 0.00	20.41 -1.50 0.00	29.16 -2.04 0.00	41.49 -2.66 0.00	42.93 -2.80 0.00	33.68 -2.14 0.00	26.43 -1.97 0.89	28.67 -1.90 0.00
GOODYEAR_LAKE_HYD 323669	5.21 -0.02 -5.61	2.91 -0.02 -3.30	21.85 0.77 0.00	4.63 0.16 0.00	16.47 0.51 -1.50	20.57 0.72 0.00	27.30 0.92 0.00	7.46 0.21 -0.65	11.86 0.33 0.00	22.62 0.68 0.00	5.00 0.14 0.00	4.51 0.15 0.00	6.35 0.21 0.00	4.60 0.15 0.00	2.54 0.09 0.00	8.00 0.29 0.00	17.45 0.61 0.00	22.67 0.76 0.00	32.36 1.16 0.00	45.85 1.70 0.00	47.44 1.71 0.00	37.10 1.28 0.00	30.29 1.01 0.00	31.56 0.99 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	5.95 0.00 -6.34	3.36 0.00 -3.72	21.15 0.07 0.00	4.48 0.01 0.00	16.19 0.05 -1.70	19.91 0.06 0.00	26.38 0.00 0.00	7.31 -0.02 -0.73	11.45 -0.08 0.00	21.82 -0.12 0.00	4.80 -0.05 0.00	4.36 -0.01 0.00	6.12 -0.02 0.00	4.44 -0.01 0.00	2.46 0.01 0.00	7.74 0.04 0.00	16.87 0.04 0.00	21.88 -0.03 0.00	31.12 -0.07 0.00	44.01 -0.14 0.00	45.44 -0.29 0.00	35.51 -0.31 0.00	28.18 -0.32 0.78	30.26 -0.30 0.00

GOUDEY___7 23579	5.95 0.00 -6.34	3.36 0.00 -3.72	21.15 0.07 0.00	4.48 0.01 0.00	16.19 0.05 -1.70	19.91 0.06 0.00	26.38 0.00 0.00	7.31 -0.02 -0.73	11.45 -0.08 0.00	21.82 -0.12 0.00	4.80 -0.05 0.00	4.36 -0.01 0.00	6.12 -0.02 0.00	4.44 -0.01 0.00	2.46 0.01 0.00	7.74 0.04 0.00	16.87 0.04 0.00	21.88 -0.03 0.00	31.12 -0.07 0.00	44.01 -0.14 0.00	45.44 -0.29 0.00	35.51 -0.31 0.00	28.18 -0.32 0.78	30.26 -0.30 0.00
GOUDEY___8 23580	5.95 0.00 -6.34	3.36 0.00 -3.72	21.15 0.07 0.00	4.48 0.01 0.00	16.19 0.05 -1.70	19.91 0.06 0.00	26.38 0.00 0.00	7.31 -0.02 -0.73	11.45 -0.08 0.00	21.82 -0.12 0.00	4.80 -0.05 0.00	4.36 -0.01 0.00	6.12 -0.02 0.00	4.44 -0.01 0.00	2.46 0.01 0.00	7.74 0.04 0.00	16.87 0.04 0.00	21.88 -0.03 0.00	31.12 -0.07 0.00	44.01 -0.14 0.00	45.44 -0.29 0.00	35.51 -0.31 0.00	28.18 -0.32 0.78	30.26 -0.30 0.00
GOWANUS_GT1_1 24077	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT1_2 24078	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT1_3 24079	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT1_4 24080	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT1_5 24084	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT1_6 24111	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT1_7 24112	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT1_8 24113	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT2_1 24114	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT2_2 24115	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT2_3 24116	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT2_4 24117	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT2_5 24118	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67

GOWANUS_GT2_6 24119	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT2_7 24120	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT2_8 24121	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT3_1 24122	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT3_2 24123	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT3_3 24124	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT3_4 24125	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT3_5 24126	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT3_6 24127	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT3_7 24128	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT3_8 24129	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT4_1 24130	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT4_2 24131	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT4_3 24132	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT4_4 24133	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67

GOWANUS_GT4_5 24134	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT4_6 24135	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT4_7 24136	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GOWANUS_GT4_8 24137	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GREATVRV_69_KV_BK1 356245	22.67 -0.06 -23.12	16.79 -0.06 -17.22	32.67 2.37 -9.22	8.85 0.48 -3.91	21.38 1.51 -5.42	21.14 1.98 0.69	27.69 2.38 1.06	10.65 0.66 -3.40	12.49 1.12 0.16	24.57 2.31 -0.31	56.12 0.60 -50.68	14.20 0.52 -9.31	6.80 0.76 0.10	19.00 0.58 -13.97	28.62 0.34 -25.82	24.13 1.12 -15.30	39.08 2.34 -19.90	34.40 2.80 -9.69	44.02 3.49 -9.34	57.86 4.31 -9.41	58.42 4.15 -8.53	44.41 3.24 -5.35	39.44 2.95 -7.21	33.70 3.14 0.00
GREENBSH_115KV_TB3 55895	23.44 -0.01 -23.84	13.62 -0.01 -14.00	21.63 0.55 0.00	4.57 0.11 0.00	21.19 0.35 -6.39	20.33 0.47 0.00	26.92 0.54 0.00	9.50 0.15 -2.76	11.76 0.23 0.00	22.33 0.39 0.00	10.82 0.09 -5.88	4.94 0.06 -0.52	6.24 0.09 0.00	4.54 0.08 0.00	2.51 0.05 0.00	7.89 0.19 0.00	17.29 0.45 0.00	22.54 0.63 0.00	31.89 0.69 0.00	44.87 0.72 0.00	46.43 0.70 0.00	36.35 0.53 0.00	29.79 0.51 0.00	31.07 0.50 0.00
GREENDGE_115KV_TB5 80291	3.47 0.01 -3.85	1.90 0.01 -2.26	20.70 -0.38 0.00	4.38 -0.08 0.00	15.18 -0.30 -1.03	19.46 -0.39 0.00	25.85 -0.53 0.00	6.87 -0.18 -0.46	13.75 -0.46 -2.68	21.08 -0.92 -0.06	4.62 -0.24 0.00	4.18 -0.18 0.00	5.87 -0.27 0.00	4.26 -0.19 0.00	2.37 -0.08 0.00	7.44 -0.26 0.00	16.23 -0.60 0.00	21.08 -0.84 0.00	30.25 -0.95 0.00	43.08 -1.07 0.00	44.38 -1.35 0.00	34.84 -0.98 0.00	24.05 -0.97 4.27	29.57 -0.99 0.00
GREENIDGE___3 23582	3.47 0.01 -3.85	1.90 0.01 -2.26	20.70 -0.38 0.00	4.38 -0.08 0.00	15.18 -0.30 -1.03	19.46 -0.39 0.00	25.85 -0.53 0.00	6.87 -0.18 -0.46	13.75 -0.46 -2.68	21.08 -0.92 -0.06	4.62 -0.24 0.00	4.18 -0.18 0.00	5.87 -0.27 0.00	4.26 -0.19 0.00	2.37 -0.08 0.00	7.44 -0.26 0.00	16.23 -0.60 0.00	21.08 -0.84 0.00	30.25 -0.95 0.00	43.08 -1.07 0.00	44.38 -1.35 0.00	34.84 -0.98 0.00	24.05 -0.97 4.27	29.57 -0.99 0.00
GREENIDGE___4 23583	3.47 0.01 -3.85	1.90 0.01 -2.26	20.70 -0.38 0.00	4.38 -0.08 0.00	15.18 -0.30 -1.03	19.46 -0.39 0.00	25.85 -0.53 0.00	6.87 -0.18 -0.46	13.75 -0.46 -2.68	21.08 -0.92 -0.06	4.62 -0.23 0.00	4.18 -0.18 0.00	5.87 -0.27 0.00	4.26 -0.19 0.00	2.37 -0.08 0.00	7.44 -0.26 0.00	16.23 -0.60 0.00	21.08 -0.83 0.00	30.24 -0.96 0.00	43.07 -1.08 0.00	44.38 -1.35 0.00	34.84 -0.98 0.00	24.04 -0.97 4.27	29.57 -1.00 0.00
GREENLWN_69_KV_BK 3 55738	22.27 -0.05 -22.71	16.19 -0.04 -16.61	31.27 1.91 -8.29	8.20 0.38 -3.35	20.75 1.21 -5.09	20.41 1.57 1.02	26.89 1.86 1.35	10.39 0.53 -3.27	12.22 0.91 0.22	23.90 1.90 -0.06	55.40 0.50 -50.05	13.54 0.45 -8.73	6.33 0.66 0.48	18.53 0.50 -13.58	28.09 0.30 -25.34	22.87 0.96 -14.20	37.24 1.98 -18.42	32.77 2.26 -8.60	42.09 2.69 -8.21	55.43 3.12 -8.16	55.98 2.89 -7.36	42.89 2.27 -4.80	37.95 2.19 -6.48	32.57 2.41 0.40
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
GRISSOM___SOLAR 323813	25.92 -0.02 -26.34	15.07 -0.02 -15.46	22.25 1.17 0.00	4.72 0.26 0.00	22.35 0.85 -7.06	20.97 1.12 -0.01	27.72 1.35 0.00	9.85 0.21 -3.04	11.64 0.11 0.00	21.97 0.03 0.00	4.76 -0.10 0.00	4.35 -0.01 0.00	6.14 0.00 0.00	4.44 -0.01 0.00	2.45 0.00 0.00	7.73 0.02 0.00	16.88 0.04 0.00	22.11 0.20 0.00	32.12 0.92 0.00	46.50 2.35 0.00	48.48 2.74 0.00	37.96 2.14 0.00	30.94 1.66 0.00	32.27 1.71 0.00
GROVEVILLE___HYD 323602	18.90 -0.04 -19.32	10.94 -0.03 -11.34	22.55 1.47 0.00	4.76 0.29 0.00	20.56 0.93 -5.18	21.12 1.27 0.00	27.93 1.55 0.00	9.25 0.43 -2.23	12.28 0.75 0.00	23.44 1.50 0.00	5.22 0.37 0.00	4.70 0.33 0.00	6.64 0.50 0.00	4.84 0.38 0.00	2.68 0.23 0.00	8.49 0.78 0.00	18.48 1.64 0.00	23.92 2.01 0.00	33.74 2.54 0.00	47.24 3.09 0.00	48.71 2.98 0.00	38.06 2.24 0.00	31.22 1.93 0.00	32.50 1.93 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	1.40 0.00 -1.79	0.68 0.00 -1.05	20.87 -0.21 0.00	4.41 -0.05 0.00	14.75 -0.18 -0.48	19.62 -0.23 0.00	26.05 -0.33 0.00	6.70 -0.11 -0.21	11.27 -0.26 0.00	21.45 -0.49 0.00	4.74 -0.12 0.00	4.27 -0.10 0.00	6.00 -0.14 0.00	4.36 -0.10 0.00	2.41 -0.04 0.00	7.58 -0.13 0.00	16.54 -0.30 0.00	21.51 -0.40 0.00	30.66 -0.54 0.00	43.41 -0.73 0.00	44.94 -0.80 0.00	35.18 -0.64 0.00	28.71 -0.57 0.00	29.96 -0.60 0.00
HAMLTNNY_34_KV_TB 80303	1.48 0.00 -1.86	0.72 0.00 -1.09	20.79 -0.29 0.00	4.40 -0.06 0.00	14.71 -0.24 -0.50	19.53 -0.32 0.00	25.93 -0.45 0.00	6.67 -0.14 -0.21	11.19 -0.34 0.00	21.28 -0.66 0.00	4.70 -0.16 0.00	4.23 -0.13 0.00	5.95 -0.19 0.00	4.32 -0.13 0.00	2.39 -0.06 0.00	7.53 -0.18 0.00	16.41 -0.43 0.00	21.34 -0.57 0.00	30.41 -0.78 0.00	43.11 -1.04 0.00	44.67 -1.07 0.00	34.98 -0.84 0.00	28.53 -0.75 0.00	29.77 -0.80 0.00

HAMPSHIRE___PAPER_HYD 323593	0.12 0.02 -0.49	-0.07 0.01 -0.29	20.21 -0.87 0.00	4.27 -0.18 0.00	13.98 -0.60 -0.13	19.11 -0.74 0.00	25.49 -0.88 0.00	6.39 -0.26 -0.06	11.02 -0.51 0.00	20.92 -1.03 0.00	4.61 -0.24 0.00	4.14 -0.23 0.00	5.81 -0.33 0.00	4.20 -0.26 0.00	2.30 -0.15 0.00	7.22 -0.49 0.00	15.84 -1.00 0.00	20.79 -1.12 0.00	29.94 -1.26 0.00	43.11 -1.04 0.00	45.09 -0.64 0.00	35.50 -0.32 0.00	28.90 -0.38 0.00	30.11 -0.45 0.00
HARDSCRABBLE_WT_PWR 323673	-0.38 0.01 0.00	-0.36 0.01 0.00	20.89 -0.19 0.00	4.44 -0.02 0.00	14.39 -0.06 0.00	19.68 -0.17 0.00	26.09 -0.28 0.00	6.50 -0.10 0.00	11.27 -0.25 0.00	21.28 -0.67 0.00	4.68 -0.17 0.00	4.20 -0.16 0.00	5.91 -0.23 0.00	4.30 -0.16 0.00	2.37 -0.08 0.00	7.49 -0.22 0.00	16.45 -0.39 0.00	21.57 -0.34 0.00	30.83 -0.37 0.00	43.71 -0.43 0.00	45.36 -0.37 0.00	35.42 -0.40 0.00	28.98 -0.30 0.00	30.33 -0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.63 -0.04 -18.06	10.19 -0.03 -10.60	22.44 1.36 0.00	4.74 0.27 0.00	20.13 0.85 -4.84	21.00 1.14 0.00	27.76 1.38 0.00	9.06 0.38 -2.08	12.21 0.69 0.00	23.34 1.40 0.00	-39.64 0.34 44.84	0.75 0.32 3.94	6.62 0.48 0.00	4.83 0.38 0.00	2.68 0.23 0.00	8.49 0.78 0.00	18.46 1.62 0.00	23.85 1.94 0.00	33.61 2.42 0.00	47.00 2.86 0.00	48.44 2.71 0.00	37.84 2.02 0.00	31.06 1.78 0.00	32.33 1.77 0.00
HARSNRAD_115KV_TB1 81005	2.54 0.02 -2.91	1.37 0.03 -1.71	19.41 -1.67 0.00	4.10 -0.36 0.00	13.94 -1.29 -0.78	18.10 -1.75 0.00	24.18 -2.20 0.00	6.27 -0.65 -0.33	8.72 -1.29 1.52	19.41 -2.50 0.03	4.29 -0.56 0.00	3.91 -0.46 0.00	5.46 -0.68 0.00	3.97 -0.49 0.00	2.25 -0.20 0.00	6.97 -0.73 0.00	15.13 -1.71 0.00	19.54 -2.38 0.00	27.76 -3.43 0.00	39.32 -4.83 0.00	40.49 -5.25 0.00	31.82 -4.00 0.00	24.55 -3.48 1.25	27.21 -3.35 0.00
HARZA MOOSE___RIVER 24016	0.25 0.01 -0.64	0.00 0.00 -0.37	20.90 -0.18 0.00	4.41 -0.05 0.00	14.47 -0.16 -0.17	19.73 -0.12 0.00	26.27 -0.11 0.00	6.61 -0.06 -0.07	11.34 -0.19 0.00	21.56 -0.39 0.00	4.75 -0.10 0.00	4.27 -0.10 0.00	6.00 -0.15 0.00	4.35 -0.11 0.00	2.40 -0.06 0.00	7.54 -0.17 0.00	16.52 -0.31 0.00	21.65 -0.26 0.00	31.10 -0.10 0.00	44.51 0.37 0.00	46.33 0.60 0.00	36.30 0.48 0.00	29.58 0.29 0.00	30.79 0.23 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	1.43 0.00 -1.81	0.70 0.00 -1.07	20.81 -0.27 0.00	4.40 -0.06 0.00	14.73 -0.21 -0.49	19.56 -0.29 0.00	25.96 -0.42 0.00	6.68 -0.12 -0.21	11.25 -0.28 0.00	21.41 -0.53 0.00	4.73 -0.12 0.00	4.27 -0.10 0.00	6.00 -0.14 0.00	4.35 -0.10 0.00	2.41 -0.04 0.00	7.57 -0.14 0.00	16.53 -0.31 0.00	21.47 -0.44 0.00	30.56 -0.64 0.00	43.27 -0.88 0.00	44.77 -0.96 0.00	35.04 -0.78 0.00	28.59 -0.69 0.00	29.85 -0.72 0.00
HELLGATE_13_KV_LD 55870	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.81 1.73 0.00	4.80 0.34 0.00	20.66 1.07 -5.13	21.31 1.45 0.00	28.18 1.80 0.00	9.33 0.52 -2.22	12.48 0.95 0.00	23.87 1.92 -0.01	51.35 0.48 -46.01	8.84 0.44 -4.04	6.79 0.65 0.00	4.96 0.50 0.00	2.75 0.30 0.00	8.71 1.00 0.00	18.89 2.05 0.00	24.35 2.44 0.00	34.12 2.93 0.00	47.61 3.46 0.00	49.04 3.31 0.00	38.32 2.49 0.00	31.52 2.23 0.00	32.80 2.24 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.81 1.73 0.00	4.80 0.34 0.00	20.66 1.07 -5.13	21.31 1.45 0.00	28.18 1.80 0.00	9.33 0.52 -2.22	12.48 0.95 0.00	23.87 1.92 -0.01	51.35 0.48 -46.01	8.84 0.44 -4.04	6.79 0.65 0.00	4.96 0.50 0.00	2.75 0.30 0.00	8.71 1.00 0.00	18.89 2.05 0.00	24.35 2.44 0.00	34.12 2.93 0.00	47.61 3.46 0.00	49.04 3.31 0.00	38.32 2.49 0.00	31.52 2.23 0.00	32.80 2.24 0.00
HEMPSTEAD___ 23647	34.42 -0.05 -34.86	34.19 -0.04 -34.60	58.55 1.80 -35.66	24.07 0.36 -19.25	29.55 1.15 -13.95	28.81 1.51 -7.45	34.06 1.80 -5.88	14.09 0.51 -6.98	13.80 0.89 -1.38	30.80 1.88 -6.97	73.43 0.48 -68.09	30.49 0.43 -25.69	16.34 0.64 -9.56	33.22 0.49 -28.27	48.64 0.29 -45.90	56.34 0.95 -47.69	81.98 1.94 -63.21	64.64 2.28 -40.45	75.10 2.76 -41.14	91.92 3.34 -44.43	90.58 3.16 -41.69	59.02 2.43 -20.77	59.37 2.21 -27.89	43.11 2.34 -10.19
HICKLING___1 23621	4.55 0.01 -4.94	2.54 0.02 -2.90	20.83 -0.25 0.00	4.41 -0.05 0.00	15.56 -0.21 -1.32	19.58 -0.27 0.00	25.98 -0.40 0.00	7.02 -0.15 -0.57	12.08 -0.37 -0.93	21.27 -0.69 -0.02	4.66 -0.19 0.00	4.25 -0.12 0.00	5.95 -0.19 0.00	4.32 -0.13 0.00	2.41 -0.05 0.00	7.57 -0.14 0.00	16.51 -0.33 0.00	21.37 -0.54 0.00	30.55 -0.64 0.00	43.41 -0.74 0.00	44.75 -0.99 0.00	34.92 -0.90 0.00	24.26 -0.91 4.12	29.64 -0.92 0.00
HICKLING___2 23622	4.55 0.01 -4.94	2.54 0.02 -2.90	20.83 -0.25 0.00	4.41 -0.05 0.00	15.56 -0.21 -1.32	19.58 -0.27 0.00	25.98 -0.40 0.00	7.02 -0.15 -0.57	12.08 -0.37 -0.93	21.27 -0.69 -0.02	4.66 -0.19 0.00	4.25 -0.12 0.00	5.95 -0.19 0.00	4.32 -0.13 0.00	2.41 -0.05 0.00	7.57 -0.14 0.00	16.51 -0.33 0.00	21.37 -0.54 0.00	30.55 -0.64 0.00	43.41 -0.74 0.00	44.75 -0.99 0.00	34.92 -0.90 0.00	24.26 -0.91 4.12	29.64 -0.92 0.00
HIGH FALLS___HY 23754	18.88 -0.04 -19.31	10.92 -0.04 -11.33	22.59 1.51 0.00	4.77 0.30 0.00	20.58 0.96 -5.17	21.16 1.30 0.00	27.98 1.61 0.00	9.26 0.44 -2.23	12.30 0.77 0.00	23.45 1.51 0.00	5.22 0.36 0.00	4.70 0.33 0.00	6.63 0.49 0.00	4.83 0.38 0.00	2.68 0.23 0.00	8.47 0.77 0.00	18.43 1.59 0.00	23.88 1.97 0.00	33.77 2.57 0.00	47.37 3.22 0.00	48.88 3.15 0.00	38.19 2.37 0.00	31.30 2.02 0.00	32.57 2.01 0.00
HIGH_RIVER___SOLAR 323847	24.97 -0.02 -25.38	14.51 -0.02 -14.90	21.99 0.91 0.00	4.66 0.19 0.00	21.88 0.64 -6.80	20.71 0.85 -0.01	27.41 1.03 0.00	9.74 0.21 -2.93	11.74 0.21 0.00	22.14 0.19 0.00	4.87 0.02 0.00	4.38 0.02 0.00	6.18 0.04 0.00	4.49 0.03 0.00	2.47 0.02 0.00	7.80 0.09 0.00	17.06 0.22 0.00	22.37 0.46 0.00	32.15 0.95 0.00	45.91 1.77 0.00	47.69 1.95 0.00	37.33 1.50 0.00	30.49 1.21 0.00	31.80 1.23 0.00
HILLBURN___GT 23639	17.83 -0.04 -18.26	10.31 -0.04 -10.72	22.46 1.38 0.00	4.74 0.27 0.00	20.20 0.86 -4.89	21.01 1.15 0.00	27.76 1.39 0.00	9.09 0.39 -2.11	12.24 0.71 0.00	23.40 1.46 0.00	-45.66 0.36 50.87	0.24 0.34 4.47	6.66 0.51 0.00	4.86 0.40 0.00	2.70 0.24 0.00	8.53 0.82 0.00	18.54 1.70 0.00	23.90 1.99 0.00	33.64 2.45 0.00	46.99 2.84 0.00	48.39 2.66 0.00	37.81 1.99 0.00	31.06 1.78 0.00	32.34 1.78 0.00
HILLSIDE_115KV_TB1 80332	4.86 0.02 -5.23	2.72 0.02 -3.07	20.70 -0.38 0.00	4.39 -0.08 0.00	15.59 -0.27 -1.40	19.50 -0.35 0.00	25.82 -0.56 0.00	7.03 -0.17 -0.61	11.97 -0.36 -0.80	21.33 -0.63 -0.02	4.67 -0.18 0.00	4.26 -0.10 0.00	5.97 -0.17 0.00	4.34 -0.12 0.00	2.41 -0.04 0.00	7.59 -0.12 0.00	16.51 -0.33 0.00	21.35 -0.56 0.00	30.39 -0.81 0.00	43.03 -1.12 0.00	44.37 -1.36 0.00	34.63 -1.20 0.00	24.42 -1.09 3.77	29.46 -1.11 0.00

HISHELDN_WT_PWR 323625	3.10 0.01 -3.48	1.69 0.02 -2.04	19.86 -1.22 0.00	4.20 -0.26 0.00	14.40 -0.98 -0.93	18.51 -1.34 0.00	24.61 -1.77 0.00	6.44 -0.53 -0.37	5.41 -1.06 5.06	19.85 -1.99 0.11	4.38 -0.47 0.00	4.00 -0.36 0.00	5.60 -0.55 0.00	4.07 -0.39 0.00	2.29 -0.16 0.00	7.15 -0.56 0.00	15.52 -1.32 0.00	20.03 -1.87 0.00	28.59 -2.60 0.00	40.51 -3.63 0.00	41.84 -3.89 0.00	32.70 -3.12 0.00	24.66 -2.77 1.85	27.82 -2.74 0.00
HOLTSVILLE_IC_1 23690	21.37 -0.06 -21.82	14.86 -0.05 -15.28	29.59 2.25 -6.25	7.10 0.45 -2.18	20.33 1.44 -4.44	20.08 1.87 1.64	26.68 2.20 1.89	10.20 0.61 -3.00	12.23 1.04 0.34	23.66 2.17 0.45	54.13 0.57 -48.71	12.34 0.50 -7.47	5.65 0.73 1.22	17.52 0.55 -12.52	26.64 0.33 -23.86	20.51 1.07 -11.73	34.17 2.21 -15.12	30.78 2.60 -6.26	40.21 3.21 -5.80	53.60 3.92 -5.53	54.25 3.65 -4.87	42.30 2.86 -3.62	36.85 2.68 -4.89	32.25 2.88 1.20
HOLTSVILLE_IC_10 23699	21.68 -0.06 -22.13	15.32 -0.05 -15.75	30.40 2.34 -6.97	7.53 0.47 -2.60	20.62 1.50 -4.67	20.39 1.95 1.42	27.00 2.31 1.69	10.33 0.64 -3.09	12.31 1.08 0.30	23.93 2.25 0.27	54.62 0.58 -49.19	12.79 0.52 -7.92	5.94 0.74 0.95	17.89 0.57 -12.87	27.13 0.34 -24.34	21.41 1.10 -12.59	35.41 2.30 -16.27	31.73 2.73 -7.09	41.24 3.38 -6.66	54.79 4.17 -6.46	55.40 3.92 -5.75	42.92 3.06 -4.04	37.58 2.85 -5.45	32.69 3.04 0.91
HOLTSVILLE_IC_2 23691	21.37 -0.06 -21.82	14.86 -0.05 -15.28	29.59 2.25 -6.25	7.10 0.45 -2.18	20.33 1.44 -4.44	20.08 1.87 1.64	26.68 2.20 1.89	10.20 0.61 -3.00	12.23 1.04 0.34	23.66 2.17 0.45	54.13 0.57 -48.71	12.34 0.50 -7.47	5.65 0.73 1.22	17.52 0.55 -12.52	26.64 0.33 -23.86	20.51 1.07 -11.73	34.17 2.21 -15.12	30.78 2.60 -6.26	40.21 3.21 -5.80	53.60 3.92 -5.53	54.25 3.65 -4.87	42.30 2.86 -3.62	36.85 2.68 -4.89	32.25 2.88 1.20
HOLTSVILLE_IC_3 23692	21.37 -0.06 -21.82	14.86 -0.05 -15.28	29.59 2.25 -6.25	7.10 0.45 -2.18	20.33 1.44 -4.44	20.08 1.87 1.64	26.68 2.20 1.89	10.20 0.61 -3.00	12.23 1.04 0.34	23.66 2.17 0.45	54.13 0.57 -48.71	12.34 0.50 -7.47	5.65 0.73 1.22	17.52 0.55 -12.52	26.64 0.33 -23.86	20.51 1.07 -11.73	34.17 2.21 -15.12	30.78 2.60 -6.26	40.21 3.21 -5.80	53.60 3.92 -5.53	54.25 3.65 -4.87	42.30 2.86 -3.62	36.85 2.68 -4.89	32.25 2.88 1.20
HOLTSVILLE_IC_4 23693	21.37 -0.06 -21.82	14.86 -0.05 -15.28	29.59 2.25 -6.25	7.10 0.45 -2.18	20.33 1.44 -4.44	20.08 1.87 1.64	26.68 2.20 1.89	10.20 0.61 -3.00	12.23 1.04 0.34	23.66 2.17 0.45	54.13 0.57 -48.71	12.34 0.50 -7.47	5.65 0.73 1.22	17.52 0.55 -12.52	26.64 0.33 -23.86	20.51 1.07 -11.73	34.17 2.21 -15.12	30.78 2.60 -6.26	40.21 3.21 -5.80	53.60 3.92 -5.53	54.25 3.65 -4.87	42.30 2.86 -3.62	36.85 2.68 -4.89	32.25 2.88 1.20
HOLTSVILLE_IC_5 23694	21.37 -0.06 -21.82	14.86 -0.05 -15.28	29.59 2.25 -6.25	7.10 0.45 -2.18	20.33 1.44 -4.44	20.08 1.87 1.64	26.68 2.20 1.89	10.20 0.61 -3.00	12.23 1.04 0.34	23.66 2.17 0.45	54.13 0.57 -48.71	12.34 0.50 -7.47	5.65 0.73 1.22	17.52 0.55 -12.52	26.64 0.33 -23.86	20.51 1.07 -11.73	34.17 2.21 -15.12	30.78 2.60 -6.26	40.21 3.21 -5.80	53.60 3.92 -5.53	54.25 3.65 -4.87	42.30 2.86 -3.62	36.85 2.68 -4.89	32.25 2.88 1.20
HOLTSVILLE_IC_6 23695	21.68 -0.06 -22.13	15.32 -0.05 -15.75	30.40 2.34 -6.97	7.53 0.47 -2.60	20.62 1.50 -4.67	20.39 1.95 1.42	27.00 2.31 1.69	10.33 0.64 -3.09	12.31 1.08 0.30	23.93 2.25 0.27	54.62 0.58 -49.19	12.79 0.52 -7.92	5.94 0.74 0.95	17.89 0.57 -12.87	27.13 0.34 -24.34	21.41 1.10 -12.59	35.41 2.30 -16.27	31.73 2.73 -7.09	41.24 3.38 -6.66	54.79 4.17 -6.46	55.40 3.92 -5.75	42.92 3.06 -4.04	37.58 2.85 -5.45	32.69 3.04 0.91
HOLTSVILLE_IC_7 23696	21.68 -0.06 -22.13	15.32 -0.05 -15.75	30.40 2.34 -6.97	7.53 0.47 -2.60	20.62 1.50 -4.67	20.39 1.95 1.42	27.00 2.31 1.69	10.33 0.64 -3.09	12.31 1.08 0.30	23.93 2.25 0.27	54.62 0.58 -49.19	12.79 0.52 -7.92	5.94 0.74 0.95	17.89 0.57 -12.87	27.13 0.34 -24.34	21.41 1.10 -12.59	35.41 2.30 -16.27	31.73 2.73 -7.09	41.24 3.38 -6.66	54.79 4.17 -6.46	55.40 3.92 -5.75	42.92 3.06 -4.04	37.58 2.85 -5.45	32.69 3.04 0.91
HOLTSVILLE_IC_8 23697	21.68 -0.06 -22.13	15.32 -0.05 -15.75	30.40 2.34 -6.97	7.53 0.47 -2.60	20.62 1.50 -4.67	20.39 1.95 1.42	27.00 2.31 1.69	10.33 0.64 -3.09	12.31 1.08 0.30	23.93 2.25 0.27	54.62 0.58 -49.19	12.79 0.52 -7.92	5.94 0.74 0.95	17.89 0.57 -12.87	27.13 0.34 -24.34	21.41 1.10 -12.59	35.41 2.30 -16.27	31.73 2.73 -7.09	41.24 3.38 -6.66	54.79 4.17 -6.46	55.40 3.92 -5.75	42.92 3.06 -4.04	37.58 2.85 -5.45	32.69 3.04 0.91
HOLTSVILLE_IC_9 23698	21.68 -0.06 -22.13	15.32 -0.05 -15.75	30.40 2.34 -6.97	7.53 0.47 -2.60	20.62 1.50 -4.67	20.39 1.95 1.42	27.00 2.31 1.69	10.33 0.64 -3.09	12.31 1.08 0.30	23.93 2.25 0.27	54.62 0.58 -49.19	12.79 0.52 -7.92	5.94 0.74 0.95	17.89 0.57 -12.87	27.13 0.34 -24.34	21.41 1.10 -12.59	35.41 2.30 -16.27	31.73 2.73 -7.09	41.24 3.38 -6.66	54.79 4.17 -6.46	55.40 3.92 -5.75	42.92 3.06 -4.04	37.58 2.85 -5.45	32.69 3.04 0.91
HOMER_HL_115KV_TB2 355744	3.20 0.00 -3.60	1.75 0.01 -2.11	20.66 -0.42 0.00	4.37 -0.09 0.00	15.05 -0.36 -0.96	19.40 -0.46 0.00	25.73 -0.65 0.00	6.76 -0.25 -0.41	10.53 -0.47 0.52	20.95 -0.99 0.01	4.58 -0.27 0.00	4.21 -0.16 0.00	5.89 -0.26 0.00	4.28 -0.18 0.00	2.38 -0.07 0.00	7.46 -0.25 0.00	16.19 -0.65 0.00	20.77 -1.14 0.00	29.54 -1.66 0.00	41.81 -2.33 0.00	43.13 -2.60 0.00	33.66 -2.17 0.00	25.55 -1.86 1.87	28.84 -1.72 0.00
HOWARD_WT_PWR 323690	3.73 0.01 -4.11	2.06 0.01 -2.41	20.27 -0.81 0.00	4.29 -0.18 0.00	14.91 -0.64 -1.10	19.09 -0.76 0.00	25.45 -0.93 0.00	6.80 -0.31 -0.51	16.50 -0.69 -5.66	20.76 -1.31 -0.12	4.52 -0.34 0.00	4.11 -0.25 0.00	5.76 -0.38 0.00	4.18 -0.27 0.00	2.34 -0.11 0.00	7.35 -0.36 0.00	16.01 -0.83 0.00	20.74 -1.17 0.00	29.79 -1.41 0.00	42.45 -1.70 0.00	43.77 -1.96 0.00	34.12 -1.71 0.00	23.79 -1.59 3.90	28.99 -1.58 0.00
HQ_GEN_CEDARS 23644	-0.39 0.00 0.00	-0.37 0.00 0.00	20.81 -0.27 0.00	4.41 -0.05 0.00	14.31 -0.14 0.00	19.67 -0.18 0.00	26.23 -0.14 0.00	6.55 -0.05 0.00	11.48 -0.05 0.00	21.83 -0.12 0.00	4.83 -0.03 0.00	4.34 -0.03 0.00	6.09 -0.06 0.00	4.39 -0.06 0.00	2.40 -0.05 0.00	7.51 -0.20 0.00	16.44 -0.40 0.00	21.49 -0.42 0.00	30.82 -0.38 0.00	43.98 -0.17 0.00	45.82 0.09 0.00	36.22 0.40 0.00	29.54 0.26 0.00	30.88 0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	-0.39 0.00 0.00	-0.37 0.00 0.00	20.80 -0.27 0.00	4.41 -0.05 0.00	14.31 -0.14 0.00	19.67 -0.18 0.00	26.23 -0.14 0.00	6.55 -0.05 0.00	11.48 -0.05 0.00	21.83 -0.12 0.00	4.83 -0.03 0.00	4.34 -0.03 0.00	6.09 -0.06 0.00	4.39 -0.06 0.00	2.40 -0.05 0.00	7.51 -0.20 0.00	16.44 -0.40 0.00	21.49 -0.42 0.00	30.82 -0.38 0.00	43.98 -0.17 0.00	45.82 0.09 0.00	36.22 0.40 0.00	29.54 0.26 0.00	30.88 0.31 0.00

HQ_GEN_IMPORT 323601	-0.38 0.01 0.00	-0.37 0.01 0.00	20.89 -0.19 0.00	4.43 -0.03 0.00	14.36 -0.09 0.00	19.74 -0.12 0.00	26.31 -0.07 0.00	6.57 -0.02 0.00	11.54 0.01 0.00	21.95 0.00 0.00	4.86 0.00 0.00	4.36 0.00 0.00	6.13 -0.01 0.00	4.43 -0.02 0.00	2.43 -0.02 0.00	7.60 -0.10 0.00	16.64 -0.20 0.00	21.70 -0.20 0.00	31.06 -0.14 0.00	44.14 -0.01 0.00	45.82 0.09 0.00	35.94 0.12 0.00	29.35 0.07 0.00	30.66 0.10 0.00
HQ_GEN_WHEEL 23651	-0.38 0.01 0.00	-0.37 0.01 0.00	20.89 -0.19 0.00	4.43 -0.03 0.00	14.36 -0.09 0.00	19.74 -0.12 0.00	26.31 -0.07 0.00	6.57 -0.02 0.00	11.54 0.01 0.00	21.95 0.00 0.00	4.86 0.00 0.00	4.36 0.00 0.00	6.13 -0.01 0.00	4.43 -0.02 0.00	2.43 -0.02 0.00	7.60 -0.10 0.00	16.64 -0.20 0.00	21.70 -0.20 0.00	31.06 -0.14 0.00	44.14 -0.01 0.00	45.82 0.09 0.00	35.94 0.12 0.00	29.35 0.07 0.00	30.66 0.10 0.00
HUDSON AVE_GT_3 23810	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.70 1.62 0.00	4.79 0.32 0.00	20.59 1.01 -5.13	21.22 1.36 0.00	28.03 1.65 0.00	9.27 0.47 -2.21	12.40 0.87 0.00	23.71 1.77 0.00	51.36 0.45 -46.06	8.82 0.41 -4.04	6.76 0.62 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.94 0.00	24.21 2.30 0.00	33.99 2.79 0.00	47.37 3.22 0.00	48.76 3.03 0.00	38.13 2.31 0.00	31.35 2.06 0.00	32.68 2.11 0.00
HUDSON AVE_GT_4 23540	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.70 1.62 0.00	4.79 0.32 0.00	20.59 1.01 -5.13	21.22 1.36 0.00	28.03 1.65 0.00	9.27 0.47 -2.21	12.40 0.87 0.00	23.71 1.77 0.00	51.36 0.45 -46.06	8.82 0.41 -4.04	6.76 0.62 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.94 0.00	24.21 2.30 0.00	33.99 2.79 0.00	47.37 3.22 0.00	48.76 3.03 0.00	38.13 2.31 0.00	31.35 2.06 0.00	32.68 2.11 0.00
HUDSON AVE_GT_5 23657	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.70 1.62 0.00	4.79 0.32 0.00	20.59 1.01 -5.13	21.22 1.36 0.00	28.03 1.65 0.00	9.27 0.47 -2.21	12.40 0.87 0.00	23.71 1.77 0.00	51.36 0.45 -46.06	8.82 0.41 -4.04	6.76 0.62 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.94 0.00	24.21 2.30 0.00	33.99 2.79 0.00	47.37 3.22 0.00	48.76 3.03 0.00	38.13 2.31 0.00	31.35 2.06 0.00	32.68 2.11 0.00
HUDSON_AVE_10 24168	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.63 1.55 0.00	4.77 0.30 0.00	20.54 0.96 -5.13	21.15 1.30 0.00	27.92 1.54 0.00	9.25 0.44 -2.21	12.36 0.83 0.00	23.63 1.69 0.00	51.35 0.44 -46.06	8.80 0.40 -4.04	6.74 0.59 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.85 1.89 -0.12	24.70 2.21 -0.57	34.82 2.65 -0.96	48.64 3.02 -1.47	50.22 2.82 -1.66	38.00 2.17 -0.02	31.24 1.96 0.00	32.58 2.01 0.00
HUDSON___115KV_TB 4 355613	22.90 -0.01 -23.30	13.30 -0.01 -13.68	21.95 0.87 0.00	4.64 0.18 0.00	21.26 0.57 -6.24	20.65 0.79 0.00	27.34 0.96 0.00	9.53 0.24 -2.69	11.87 0.34 0.00	22.50 0.56 0.00	4.97 0.11 0.00	4.45 0.08 0.00	6.27 0.12 0.00	4.56 0.11 0.00	2.51 0.06 0.00	7.93 0.22 0.00	17.38 0.54 0.00	22.70 0.79 0.00	32.27 1.08 0.00	45.68 1.53 0.00	47.36 1.63 0.00	37.06 1.24 0.00	30.31 1.03 0.00	31.57 1.00 0.00
HUNTER MOUNT___DRP 323613	22.32 -0.01 -22.72	12.96 -0.01 -13.34	22.02 0.94 0.00	4.65 0.19 0.00	21.16 0.62 -6.09	20.73 0.87 0.00	27.45 1.06 0.00	9.48 0.26 -2.62	11.90 0.38 0.00	22.54 0.59 0.00	4.97 0.12 0.00	4.45 0.08 0.00	6.26 0.12 0.00	4.56 0.10 0.00	2.51 0.06 0.00	7.93 0.22 0.00	17.37 0.54 0.00	22.73 0.82 0.00	32.38 1.19 0.00	45.87 1.72 0.00	47.58 1.85 0.00	37.24 1.42 0.00	30.43 1.15 0.00	31.68 1.12 0.00
HUNTINGTON_RES_REC 323705	21.80 -0.05 -22.24	15.49 -0.05 -15.91	30.38 2.07 -7.23	7.61 0.41 -2.74	20.52 1.31 -4.75	20.22 1.71 1.35	26.74 2.00 1.63	10.28 0.56 -3.13	12.20 0.96 0.28	23.74 2.01 0.21	54.73 0.53 -49.35	12.91 0.47 -8.07	5.96 0.69 0.86	18.01 0.52 -13.02	27.34 0.31 -24.58	21.64 1.01 -12.92	35.64 2.10 -16.70	31.75 2.45 -7.38	41.11 2.96 -6.96	54.49 3.56 -6.78	55.10 3.30 -6.07	42.58 2.58 -4.18	37.40 2.46 -5.65	32.40 2.66 0.82
HUNTLEY___63 23557	2.64 0.02 -3.01	1.42 0.03 -1.77	19.56 -1.52 0.00	4.13 -0.33 0.00	14.06 -1.20 -0.81	18.23 -1.62 0.00	24.34 -2.04 0.00	6.32 -0.61 -0.34	8.70 -1.21 1.62	19.59 -2.32 0.04	4.33 -0.53 0.00	3.94 -0.42 0.00	5.52 -0.63 0.00	4.01 -0.44 0.00	2.27 -0.18 0.00	7.06 -0.65 0.00	15.30 -1.54 0.00	19.70 -2.20 0.00	28.04 -3.16 0.00	39.70 -4.45 0.00	40.83 -4.91 0.00	32.07 -3.76 0.00	24.67 -3.28 1.34	27.42 -3.15 0.00
HUNTLEY___64 23558	2.64 0.02 -3.01	1.42 0.03 -1.77	19.56 -1.52 0.00	4.13 -0.33 0.00	14.06 -1.20 -0.81	18.23 -1.62 0.00	24.34 -2.04 0.00	6.32 -0.61 -0.34	8.70 -1.21 1.62	19.59 -2.32 0.04	4.33 -0.53 0.00	3.94 -0.42 0.00	5.52 -0.63 0.00	4.01 -0.44 0.00	2.27 -0.18 0.00	7.06 -0.65 0.00	15.30 -1.54 0.00	19.70 -2.20 0.00	28.04 -3.16 0.00	39.70 -4.45 0.00	40.83 -4.91 0.00	32.07 -3.76 0.00	24.67 -3.28 1.34	27.42 -3.15 0.00
HUNTLEY___65 23559	2.64 0.02 -3.01	1.42 0.03 -1.77	19.56 -1.52 0.00	4.13 -0.33 0.00	14.06 -1.20 -0.81	18.23 -1.62 0.00	24.34 -2.04 0.00	6.32 -0.61 -0.34	8.70 -1.21 1.62	19.59 -2.32 0.04	4.33 -0.53 0.00	3.94 -0.42 0.00	5.52 -0.63 0.00	4.01 -0.44 0.00	2.27 -0.18 0.00	7.06 -0.65 0.00	15.30 -1.54 0.00	19.70 -2.20 0.00	28.04 -3.16 0.00	39.70 -4.45 0.00	40.83 -4.91 0.00	32.07 -3.76 0.00	24.67 -3.28 1.34	27.42 -3.15 0.00
HUNTLEY___66 23560	2.64 0.02 -3.01	1.42 0.03 -1.77	19.56 -1.52 0.00	4.13 -0.33 0.00	14.06 -1.20 -0.81	18.23 -1.62 0.00	24.34 -2.04 0.00	6.32 -0.61 -0.34	8.70 -1.21 1.62	19.59 -2.32 0.04	4.33 -0.53 0.00	3.94 -0.42 0.00	5.52 -0.63 0.00	4.01 -0.44 0.00	2.27 -0.18 0.00	7.06 -0.65 0.00	15.30 -1.54 0.00	19.70 -2.20 0.00	28.04 -3.16 0.00	39.70 -4.45 0.00	40.83 -4.91 0.00	32.07 -3.76 0.00	24.67 -3.28 1.34	27.42 -3.15 0.00
HUNTLEY___67 23561	2.70 0.01 -3.07	1.46 0.03 -1.80	19.58 -1.50 0.00	4.14 -0.32 0.00	14.10 -1.17 -0.82	18.26 -1.60 0.00	24.34 -2.04 0.00	6.33 -0.61 -0.34	8.46 -1.20 1.88	19.64 -2.26 0.04	4.33 -0.52 0.00	3.95 -0.42 0.00	5.53 -0.61 0.00	4.02 -0.44 0.00	2.27 -0.18 0.00	7.07 -0.64 0.00	15.33 -1.51 0.00	19.74 -2.17 0.00	28.08 -3.12 0.00	39.73 -4.42 0.00	40.85 -4.88 0.00	32.06 -3.76 0.00	24.59 -3.30 1.39	27.40 -3.16 0.00
HUNTLEY___68 23562	2.70 0.01 -3.07	1.46 0.03 -1.80	19.58 -1.50 0.00	4.14 -0.32 0.00	14.10 -1.17 -0.82	18.26 -1.60 0.00	24.34 -2.04 0.00	6.33 -0.61 -0.34	8.46 -1.20 1.88	19.64 -2.26 0.04	4.33 -0.52 0.00	3.95 -0.42 0.00	5.53 -0.61 0.00	4.02 -0.44 0.00	2.27 -0.18 0.00	7.07 -0.64 0.00	15.33 -1.51 0.00	19.74 -2.17 0.00	28.08 -3.12 0.00	39.73 -4.42 0.00	40.85 -4.88 0.00	32.06 -3.76 0.00	24.59 -3.30 1.39	27.40 -3.16 0.00

HYLAND___LFGE 323620	2.98 0.00 -3.38	1.61 0.00 -1.98	20.87 -0.21 0.00	4.41 -0.05 0.00	15.11 -0.24 -0.91	19.58 -0.28 0.00	26.06 -0.32 0.00	6.80 -0.22 -0.43	17.10 -0.74 -6.31	20.66 -1.43 -0.14	4.51 -0.34 0.00	4.10 -0.27 0.00	5.75 -0.40 0.00	4.17 -0.29 0.00	2.33 -0.12 0.00	7.30 -0.40 0.00	15.94 -0.90 0.00	20.65 -1.27 0.00	29.60 -1.60 0.00	42.60 -1.55 0.00	44.85 -0.88 0.00	35.17 -0.65 0.00	26.29 -0.84 2.15	29.73 -0.83 0.00
INDECK___CORINTH 23802	24.15 -0.02 -24.56	14.02 -0.02 -14.41	22.11 1.04 0.00	4.68 0.22 0.00	21.71 0.68 -6.58	20.83 0.97 0.00	27.56 1.18 0.00	9.73 0.30 -2.84	11.97 0.44 0.00	22.59 0.65 0.00	4.95 0.10 0.00	4.43 0.07 0.00	6.27 0.12 0.00	4.58 0.12 0.00	2.52 0.07 0.00	7.96 0.25 0.00	17.51 0.68 0.00	22.99 1.08 0.00	32.83 1.64 0.00	46.54 2.39 0.00	48.24 2.51 0.00	37.71 1.89 0.00	30.74 1.46 0.00	31.92 1.36 0.00
INDECK___ILION 23567	-0.39 0.01 0.00	-0.37 0.00 0.00	21.05 -0.02 0.00	4.46 0.00 0.00	14.45 0.00 0.00	19.81 -0.04 0.00	26.29 -0.09 0.00	6.56 -0.04 0.00	11.40 -0.12 0.00	21.63 -0.31 0.00	4.77 -0.08 0.00	4.29 -0.08 0.00	6.03 -0.11 0.00	4.38 -0.07 0.00	2.42 -0.04 0.00	7.62 -0.08 0.00	16.70 -0.14 0.00	21.82 -0.09 0.00	31.10 -0.09 0.00	44.03 -0.12 0.00	45.64 -0.09 0.00	35.68 -0.14 0.00	29.18 -0.10 0.00	30.45 -0.11 0.00
INDECK___OLEAN 23982	3.20 0.00 -3.60	1.75 0.01 -2.11	20.66 -0.42 0.00	4.37 -0.09 0.00	15.05 -0.36 -0.96	19.39 -0.46 0.00	25.73 -0.65 0.00	6.76 -0.25 -0.41	10.53 -0.47 0.52	20.95 -0.98 0.01	4.58 -0.27 0.00	4.20 -0.16 0.00	5.88 -0.26 0.00	4.28 -0.18 0.00	2.38 -0.07 0.00	7.46 -0.25 0.00	16.20 -0.64 0.00	20.78 -1.13 0.00	29.53 -1.67 0.00	41.68 -2.47 0.00	43.12 -2.61 0.00	33.65 -2.17 0.00	25.54 -1.87 1.87	28.84 -1.73 0.00
INDECK___OSWEGO 23783	0.99 0.01 -1.37	0.44 0.01 -0.80	20.51 -0.57 0.00	4.34 -0.12 0.00	14.40 -0.41 -0.36	19.29 -0.56 0.00	25.61 -0.77 0.00	6.54 -0.21 -0.16	11.10 -0.43 0.00	21.13 -0.81 0.00	4.67 -0.18 0.00	4.20 -0.16 0.00	5.91 -0.23 0.00	4.29 -0.16 0.00	2.37 -0.08 0.00	7.45 -0.25 0.00	16.26 -0.57 0.00	21.14 -0.77 0.00	30.08 -1.12 0.00	42.62 -1.52 0.00	44.20 -1.53 0.00	34.62 -1.20 0.00	28.27 -1.02 0.00	29.50 -1.07 0.00
INDECK___YERKES 23781	2.64 0.02 -3.01	1.42 0.02 -1.77	19.56 -1.52 0.00	4.13 -0.33 0.00	14.07 -1.19 -0.81	18.25 -1.61 0.00	24.34 -2.04 0.00	6.33 -0.61 -0.34	8.70 -1.20 1.62	19.59 -2.32 0.04	4.32 -0.53 0.00	3.94 -0.42 0.00	5.52 -0.63 0.00	4.02 -0.44 0.00	2.27 -0.18 0.00	7.07 -0.64 0.00	15.31 -1.53 0.00	19.72 -2.19 0.00	28.04 -3.16 0.00	39.56 -4.59 0.00	40.85 -4.88 0.00	32.09 -3.74 0.00	24.68 -3.27 1.34	27.43 -3.13 0.00
INDIAN POINT_GT_1 24139	18.51 -0.04 -18.94	10.71 -0.03 -11.12	22.45 1.37 0.00	4.74 0.27 0.00	20.38 0.85 -5.07	21.00 1.15 0.00	27.76 1.38 0.00	9.17 0.39 -2.19	12.24 0.71 0.00	23.39 1.45 0.00	56.94 0.37 -51.73	9.24 0.34 -4.54	6.65 0.51 0.00	4.85 0.40 0.00	2.69 0.24 0.00	8.51 0.81 0.00	18.50 1.66 0.00	23.86 1.95 0.00	33.58 2.38 0.00	46.91 2.76 0.00	48.32 2.59 0.00	37.77 1.95 0.00	31.04 1.76 0.00	32.34 1.77 0.00
INDIAN POINT_GT_2 23659	18.51 -0.04 -18.94	10.71 -0.03 -11.12	22.45 1.37 0.00	4.74 0.27 0.00	20.38 0.85 -5.07	21.00 1.15 0.00	27.76 1.38 0.00	9.17 0.39 -2.19	12.24 0.71 0.00	23.39 1.45 0.00	56.94 0.37 -51.73	9.24 0.34 -4.54	6.65 0.51 0.00	4.85 0.40 0.00	2.69 0.24 0.00	8.51 0.81 0.00	18.50 1.66 0.00	23.86 1.95 0.00	33.58 2.38 0.00	46.91 2.76 0.00	48.32 2.59 0.00	37.77 1.95 0.00	31.04 1.76 0.00	32.34 1.77 0.00
INDIAN POINT_GT_3 24019	18.51 -0.04 -18.94	10.71 -0.03 -11.12	22.45 1.37 0.00	4.74 0.27 0.00	20.38 0.85 -5.07	21.00 1.15 0.00	27.76 1.38 0.00	9.17 0.39 -2.19	12.24 0.71 0.00	23.39 1.45 0.00	56.94 0.37 -51.73	9.24 0.34 -4.54	6.65 0.51 0.00	4.85 0.40 0.00	2.69 0.24 0.00	8.51 0.81 0.00	18.50 1.66 0.00	23.86 1.95 0.00	33.58 2.38 0.00	46.91 2.76 0.00	48.32 2.59 0.00	37.77 1.95 0.00	31.04 1.76 0.00	32.34 1.77 0.00
INDIAN POINT___2 23530	18.31 -0.04 -18.74	10.59 -0.03 -11.00	22.44 1.36 0.00	4.73 0.27 0.00	20.31 0.84 -5.02	20.99 1.13 0.00	27.73 1.36 0.00	9.14 0.38 -2.16	12.23 0.70 0.00	23.37 1.43 0.00	74.00 0.36 -68.79	10.74 0.33 -6.04	6.65 0.50 0.00	4.85 0.39 0.00	2.69 0.24 0.00	8.51 0.80 0.00	18.49 1.65 0.00	23.85 1.94 0.00	33.56 2.36 0.00	46.88 2.73 0.00	48.28 2.55 0.00	37.74 1.91 0.00	31.01 1.73 0.00	32.31 1.74 0.00
INDIAN POINT___3 23531	18.57 -0.04 -19.00	10.75 -0.03 -11.15	22.44 1.36 0.00	4.73 0.27 0.00	20.38 0.85 -5.09	20.99 1.13 0.00	27.74 1.36 0.00	9.17 0.39 -2.19	12.23 0.70 0.00	23.37 1.43 0.00	57.01 0.36 -51.80	9.25 0.34 -4.55	6.64 0.50 0.00	4.85 0.39 0.00	2.69 0.24 0.00	8.50 0.80 0.00	18.48 1.64 0.00	23.84 1.93 0.00	33.55 2.35 0.00	46.87 2.72 0.00	48.28 2.55 0.00	37.74 1.92 0.00	31.01 1.73 0.00	32.31 1.74 0.00
INGHAM_C_115KV_TB7 356103	-0.38 0.01 0.00	-0.36 0.01 0.00	20.88 -0.20 0.00	4.44 -0.02 0.00	14.38 -0.07 0.00	19.65 -0.20 0.00	26.01 -0.37 0.00	6.47 -0.13 0.00	11.18 -0.35 0.00	21.09 -0.86 0.00	4.64 -0.22 0.00	4.16 -0.21 0.00	5.84 -0.30 0.00	4.26 -0.19 0.00	2.35 -0.10 0.00	7.43 -0.27 0.00	16.33 -0.50 0.00	21.48 -0.43 0.00	30.73 -0.47 0.00	43.59 -0.56 0.00	45.28 -0.46 0.00	35.33 -0.49 0.00	28.91 -0.37 0.00	30.22 -0.35 0.00
IP CORINTH___1 23988	24.15 -0.02 -24.56	14.02 -0.02 -14.41	22.11 1.04 0.00	4.68 0.22 0.00	21.71 0.68 -6.58	20.83 0.97 0.00	27.56 1.18 0.00	9.73 0.30 -2.84	11.97 0.44 0.00	22.59 0.65 0.00	4.95 0.10 0.00	4.43 0.06 0.00	6.27 0.12 0.00	4.58 0.12 0.00	2.52 0.07 0.00	7.96 0.25 0.00	17.51 0.68 0.00	22.99 1.08 0.00	32.83 1.64 0.00	46.54 2.39 0.00	48.24 2.51 0.00	37.71 1.89 0.00	30.74 1.46 0.00	31.92 1.36 0.00
IP___TICONDEROGA 23804	24.12 -0.02 -24.53	14.00 -0.02 -14.40	22.46 1.38 0.00	4.75 0.28 0.00	21.94 0.91 -6.57	21.22 1.36 0.00	27.95 1.57 0.00	9.83 0.40 -2.83	12.13 0.61 0.00	22.63 0.69 0.00	4.95 0.09 0.00	4.42 0.05 0.00	6.30 0.16 0.00	4.66 0.21 0.00	2.56 0.11 0.00	8.10 0.39 0.00	17.93 1.09 0.00	23.56 1.65 0.00	33.53 2.33 0.00	47.48 3.33 0.00	49.59 3.86 0.00	38.82 3.00 0.00	31.56 2.28 0.00	32.53 1.96 0.00
ISLIP_RES_REC 323679	21.89 -0.06 -22.34	15.63 -0.06 -16.05	30.92 2.40 -7.44	7.82 0.48 -2.87	20.81 1.53 -4.83	20.59 2.00 1.26	27.19 2.37 1.56	10.40 0.66 -3.16	12.36 1.10 0.27	24.09 2.30 0.15	54.95 0.60 -49.50	13.10 0.52 -8.21	6.13 0.76 0.77	18.13 0.58 -13.10	27.45 0.34 -24.65	21.99 1.12 -13.16	36.21 2.34 -17.03	32.35 2.81 -7.64	41.92 3.50 -7.22	55.59 4.36 -7.08	56.17 4.10 -6.34	43.34 3.20 -4.31	38.05 2.95 -5.82	32.98 3.13 0.72

JAMAICA__27_KV_LOAD 355505	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.66 1.58 0.00	4.77 0.30 0.00	20.55 0.97 -5.13	21.17 1.32 0.00	27.88 1.50 0.00	9.25 0.44 -2.21	12.35 0.82 0.00	23.63 1.68 0.00	51.35 0.44 -46.06	8.81 0.40 -4.04	6.74 0.60 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.65 0.95 0.00	18.90 1.91 -0.16	24.85 2.23 -0.71	35.02 2.62 -1.20	48.92 2.94 -1.83	50.59 2.78 -2.07	37.99 2.15 -0.02	31.25 1.96 0.00	32.64 2.08 0.00
JANIS__SOLAR 323808	4.90 -0.02 -5.31	2.73 -0.02 -3.12	21.68 0.60 0.00	4.60 0.13 0.00	16.30 0.43 -1.42	20.41 0.56 0.00	27.09 0.71 0.00	7.31 0.10 -0.62	11.96 0.00 -0.43	21.75 -0.20 -0.01	4.72 -0.13 0.00	4.30 -0.07 0.00	6.03 -0.12 0.00	4.37 -0.09 0.00	2.42 -0.04 0.00	7.62 -0.09 0.00	16.71 -0.13 0.00	21.96 0.05 0.00	31.73 0.54 0.00	45.56 1.41 0.00	47.29 1.55 0.00	36.95 1.13 0.00	33.73 0.76 -3.69	31.36 0.79 0.00
JARVIS____ 23743	-0.39 0.00 0.00	-0.37 0.00 0.00	21.14 0.07 0.00	4.48 0.01 0.00	14.48 0.03 0.00	19.89 0.04 0.00	26.41 0.03 0.00	6.60 0.01 0.00	11.53 0.00 0.00	21.94 0.00 0.00	4.85 0.00 0.00	4.36 0.00 0.00	6.14 0.00 0.00	4.46 0.00 0.00	2.46 0.00 0.00	7.73 0.03 0.00	16.90 0.06 0.00	21.99 0.08 0.00	31.26 0.07 0.00	44.19 0.05 0.00	45.77 0.04 0.00	35.82 0.00 0.00	29.29 0.01 0.00	30.57 0.00 0.00
JENNISON____1 23625	6.36 -0.05 -6.79	3.57 -0.05 -3.99	21.75 0.67 0.00	4.62 0.15 0.00	16.74 0.47 -1.82	20.40 0.54 0.00	27.09 0.71 0.00	7.52 0.14 -0.78	11.76 0.23 0.00	22.24 0.29 0.00	4.82 -0.03 0.00	4.40 0.03 0.00	6.18 0.04 0.00	4.47 0.02 0.00	2.47 0.02 0.00	7.81 0.11 0.00	17.14 0.31 0.00	22.48 0.57 0.00	32.34 1.15 0.00	46.06 1.91 0.00	47.66 1.93 0.00	37.16 1.34 0.00	30.99 0.96 -0.75	31.60 1.03 0.00
JENNISON____2 23626	6.36 -0.05 -6.79	3.57 -0.05 -3.99	21.75 0.67 0.00	4.62 0.15 0.00	16.74 0.47 -1.82	20.40 0.54 0.00	27.09 0.71 0.00	7.52 0.14 -0.78	11.76 0.23 0.00	22.24 0.29 0.00	4.82 -0.03 0.00	4.40 0.03 0.00	6.18 0.04 0.00	4.47 0.02 0.00	2.47 0.02 0.00	7.81 0.11 0.00	17.14 0.31 0.00	22.48 0.57 0.00	32.34 1.15 0.00	46.06 1.91 0.00	47.66 1.93 0.00	37.16 1.34 0.00	30.99 0.96 -0.75	31.60 1.03 0.00
JERICOHO_RISE_WT_PWR 323719	-0.39 0.00 0.00	-0.37 0.00 0.00	20.71 -0.37 0.00	4.40 -0.06 0.00	14.31 -0.14 0.00	19.77 -0.08 0.00	26.35 -0.03 0.00	6.59 0.00 0.00	11.56 0.03 0.00	21.93 -0.01 0.00	4.83 -0.02 0.00	4.34 -0.03 0.00	6.09 -0.05 0.00	4.39 -0.06 0.00	2.40 -0.05 0.00	7.50 -0.21 0.00	16.43 -0.41 0.00	21.54 -0.37 0.00	30.89 -0.30 0.00	44.17 0.02 0.00	46.01 0.28 0.00	36.13 0.31 0.00	29.39 0.10 0.00	30.56 -0.01 0.00
KATONAH__115KV_46KV_TB4 355592	19.07 -0.04 -19.50	11.04 -0.04 -11.44	22.50 1.42 0.00	4.75 0.28 0.00	20.57 0.89 -5.22	21.06 1.20 0.00	27.84 1.46 0.00	9.26 0.41 -2.25	12.27 0.74 0.00	23.44 1.50 0.00	30.81 0.37 -25.58	6.95 0.35 -2.25	6.66 0.51 0.00	4.85 0.40 0.00	2.69 0.24 0.00	8.51 0.81 0.00	18.50 1.66 0.00	23.91 2.00 0.00	33.65 2.46 0.00	47.04 2.90 0.00	48.50 2.77 0.00	37.91 2.09 0.00	31.12 1.84 0.00	32.42 1.85 0.00
KCE_NY_1 323755	24.09 -0.02 -24.50	14.00 -0.01 -14.38	22.17 1.10 0.00	4.68 0.22 0.00	21.73 0.72 -6.56	20.85 1.00 0.00	27.60 1.22 0.00	9.73 0.31 -2.83	12.00 0.47 0.00	22.70 0.75 0.00	4.98 0.13 0.00	4.46 0.10 0.00	6.30 0.15 0.00	4.59 0.14 0.00	2.53 0.08 0.00	7.99 0.28 0.00	17.51 0.68 0.00	22.96 1.05 0.00	32.79 1.59 0.00	46.45 2.30 0.00	48.09 2.36 0.00	37.56 1.74 0.00	30.65 1.36 0.00	31.92 1.36 0.00
KCE_NY_6_ESR 323823	2.83 0.01 -3.21	1.54 0.02 -1.88	19.87 -1.21 0.00	4.20 -0.27 0.00	14.33 -0.98 -0.86	18.53 -1.32 0.00	24.64 -1.74 0.00	6.43 -0.52 -0.36	8.54 -1.03 1.96	19.97 -1.93 0.04	4.39 -0.46 0.00	4.01 -0.36 0.00	5.61 -0.54 0.00	4.08 -0.38 0.00	2.30 -0.15 0.00	7.17 -0.54 0.00	15.56 -1.28 0.00	20.06 -1.85 0.00	28.54 -2.65 0.00	40.27 -3.87 0.00	41.56 -4.17 0.00	32.58 -3.24 0.00	24.92 -2.87 1.49	27.82 -2.74 0.00
KEDC_PORT_JEFF_GT2 24210	21.58 -0.06 -22.03	15.17 -0.05 -15.59	30.15 2.33 -6.74	7.39 0.47 -2.46	20.53 1.48 -4.60	20.30 1.94 1.49	26.91 2.29 1.76	10.29 0.63 -3.06	12.29 1.07 0.31	23.86 2.25 0.33	54.47 0.58 -49.03	12.65 0.52 -7.77	5.85 0.74 1.04	17.78 0.57 -12.76	26.98 0.34 -24.19	21.13 1.10 -12.32	35.03 2.29 -15.90	31.45 2.72 -6.82	40.85 3.27 -6.38	54.33 4.02 -6.17	54.95 3.75 -5.47	42.66 2.94 -3.90	37.38 2.82 -5.27	32.58 3.02 1.00
KEDC_PORT_JEFF_GT3 24211	21.58 -0.06 -22.03	15.17 -0.05 -15.59	30.15 2.33 -6.74	7.39 0.47 -2.46	20.53 1.48 -4.60	20.30 1.94 1.49	26.91 2.29 1.76	10.29 0.63 -3.06	12.29 1.07 0.31	23.86 2.25 0.33	54.47 0.58 -49.03	12.65 0.52 -7.77	5.85 0.74 1.04	17.78 0.57 -12.76	26.98 0.34 -24.19	21.13 1.10 -12.32	35.03 2.29 -15.90	31.45 2.72 -6.82	40.85 3.27 -6.38	54.33 4.02 -6.17	54.95 3.75 -5.47	42.66 2.94 -3.90	37.38 2.82 -5.27	32.58 3.02 1.00
KEDC_GLWD_GT4 24219	34.07 -0.05 -34.51	33.93 -0.04 -34.34	58.57 1.79 -35.70	23.34 0.36 -18.52	28.45 1.14 -12.86	27.50 1.51 -6.13	32.92 1.81 -4.72	14.07 0.51 -6.96	13.56 0.91 -1.13	29.97 1.88 -6.15	72.98 0.46 -67.66	30.19 0.43 -25.40	14.97 0.62 -8.21	35.34 0.49 -30.40	53.54 0.29 -50.80	57.35 0.96 -48.68	83.44 1.99 -64.62	64.75 2.35 -40.49	75.26 2.88 -41.19	92.07 3.48 -44.44	90.75 3.28 -41.74	59.12 2.50 -20.79	59.44 2.24 -27.92	42.01 2.33 -9.12
KEDC_GLWD_GT5 24220	34.07 -0.05 -34.51	33.93 -0.04 -34.34	58.57 1.79 -35.70	23.34 0.36 -18.52	28.45 1.14 -12.86	27.50 1.51 -6.13	32.92 1.81 -4.72	14.07 0.51 -6.96	13.56 0.91 -1.13	29.97 1.88 -6.15	72.98 0.46 -67.66	30.19 0.43 -25.40	14.97 0.62 -8.21	35.34 0.49 -30.40	53.54 0.29 -50.80	57.35 0.96 -48.68	83.44 1.99 -64.62	64.75 2.35 -40.49	75.26 2.88 -41.19	92.07 3.48 -44.44	90.75 3.28 -41.74	59.12 2.50 -20.79	59.44 2.24 -27.92	42.01 2.33 -9.12
KENSICO____ 23655	18.70 -0.04 -19.13	10.82 -0.04 -11.23	22.52 1.44 0.00	4.75 0.28 0.00	20.48 0.90 -5.12	21.07 1.21 0.00	27.84 1.46 0.00	9.22 0.42 -2.21	12.28 0.75 0.00	23.48 1.54 0.00	53.00 0.39 -47.76	8.92 0.36 -4.19	6.68 0.54 0.00	4.87 0.42 0.00	2.70 0.25 0.00	8.55 0.84 0.00	18.57 1.73 0.00	23.96 2.05 0.00	33.69 2.49 0.00	47.05 2.90 0.00	48.46 2.73 0.00	37.89 2.06 0.00	31.13 1.85 0.00	32.44 1.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.08 -0.04 -18.51	10.46 -0.03 -10.86	22.57 1.49 0.00	4.76 0.30 0.00	20.36 0.95 -4.96	21.15 1.29 0.00	27.97 1.60 0.00	9.17 0.43 -2.14	12.28 0.75 0.00	23.40 1.45 0.00	-2.11 0.35 7.31	4.03 0.31 0.64	6.61 0.46 0.00	4.81 0.36 0.00	2.67 0.21 0.00	8.44 0.73 0.00	18.36 1.52 0.00	23.81 1.90 0.00	33.69 2.49 0.00	47.31 3.17 0.00	48.84 3.11 0.00	38.16 2.34 0.00	31.27 1.99 0.00	32.54 1.98 0.00

KIAC_JFK_GT1 23816	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.54 1.47 0.00	4.75 0.28 0.00	20.47 0.89 -5.13	21.07 1.21 0.00	27.74 1.36 0.00	9.21 0.40 -2.21	12.29 0.76 0.00	23.52 1.57 0.00	51.33 0.42 -46.06	8.78 0.38 -4.04	6.71 0.57 0.00	4.90 0.44 0.00	2.72 0.27 0.00	8.62 0.90 0.00	18.81 1.82 -0.16	24.71 2.08 -0.71	34.73 2.33 -1.20	48.51 2.53 -1.83	50.15 2.35 -2.07	37.66 1.82 -0.02	30.98 1.70 0.00	32.46 1.90 0.00
KIAC_JFK_GT2 23817	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.54 1.47 0.00	4.75 0.28 0.00	20.47 0.89 -5.13	21.07 1.21 0.00	27.74 1.36 0.00	9.21 0.40 -2.21	12.29 0.76 0.00	23.52 1.57 0.00	51.33 0.42 -46.06	8.78 0.38 -4.04	6.71 0.57 0.00	4.90 0.44 0.00	2.72 0.27 0.00	8.62 0.90 0.00	18.81 1.82 -0.16	24.71 2.08 -0.71	34.73 2.33 -1.20	48.51 2.53 -1.83	50.15 2.35 -2.07	37.66 1.82 -0.02	30.98 1.70 0.00	32.46 1.90 0.00
KIAC_JFK____ 323774	19.45 -0.04 -19.88	11.94 -0.04 -12.34	22.54 1.47 0.00	4.75 0.28 0.00	20.48 0.90 -5.13	21.07 1.21 0.00	27.74 1.36 0.00	9.21 0.40 -2.21	12.29 0.76 0.00	23.52 1.58 0.00	51.33 0.42 -46.06	8.78 0.38 -4.04	6.71 0.57 0.00	4.90 0.44 0.00	2.72 0.27 0.00	8.61 0.90 0.00	18.82 1.83 -0.16	24.74 2.12 -0.71	34.80 2.40 -1.20	48.72 2.74 -1.83	50.35 2.54 -2.07	37.66 1.82 -0.02	30.99 1.71 0.00	32.46 1.90 0.00
KINTIGH__24_KV_GSU 356498	2.27 0.01 -2.65	1.20 0.02 -1.55	19.71 -1.37 0.00	4.17 -0.29 0.00	14.10 -1.06 -0.71	18.41 -1.44 0.00	24.53 -1.85 0.00	6.35 -0.54 -0.30	9.45 -1.10 0.98	19.85 -2.07 0.02	4.38 -0.47 0.00	3.98 -0.39 0.00	5.58 -0.56 0.00	4.05 -0.40 0.00	2.28 -0.17 0.00	7.11 -0.60 0.00	15.45 -1.39 0.00	19.91 -2.00 0.00	28.34 -2.86 0.00	40.12 -4.03 0.00	41.32 -4.42 0.00	32.42 -3.41 0.00	25.23 -3.00 1.06	27.69 -2.87 0.00
KINTIGH____ 23543	2.27 0.01 -2.65	1.20 0.02 -1.55	19.69 -1.39 0.00	4.17 -0.30 0.00	14.08 -1.08 -0.71	18.40 -1.46 0.00	24.50 -1.88 0.00	6.35 -0.55 -0.30	9.44 -1.10 0.98	19.83 -2.09 0.02	4.38 -0.48 0.00	3.98 -0.39 0.00	5.58 -0.57 0.00	4.05 -0.40 0.00	2.28 -0.17 0.00	7.10 -0.61 0.00	15.43 -1.41 0.00	19.90 -2.01 0.00	28.31 -2.89 0.00	40.08 -4.07 0.00	41.28 -4.45 0.00	32.39 -3.44 0.00	25.21 -3.02 1.06	27.67 -2.90 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-0.40 -0.01 0.00	-0.37 0.00 0.00	20.92 -0.16 0.00	4.44 -0.02 0.00	14.44 -0.01 0.00	20.00 0.15 0.00	26.60 0.22 0.00	6.66 0.07 0.00	11.66 0.13 0.00	22.08 0.14 0.00	4.86 0.01 0.00	4.36 -0.01 0.00	6.14 0.00 0.00	4.43 -0.03 0.00	2.42 -0.03 0.00	7.56 -0.15 0.00	16.54 -0.29 0.00	21.71 -0.19 0.00	31.10 -0.09 0.00	44.56 0.42 0.00	46.51 0.77 0.00	36.52 0.69 0.00	29.69 0.40 0.00	30.84 0.27 0.00
LACHUTE____HYDRO 323717	24.12 -0.02 -24.53	14.01 -0.02 -14.40	22.46 1.38 0.00	4.75 0.28 0.00	21.94 0.91 -6.57	21.21 1.36 0.00	27.95 1.57 0.00	9.83 0.40 -2.83	12.13 0.61 0.00	22.63 0.69 0.00	4.94 0.09 0.00	4.42 0.05 0.00	6.30 0.16 0.00	4.66 0.21 0.00	2.56 0.11 0.00	8.10 0.39 0.00	17.93 1.09 0.00	23.57 1.65 0.00	33.53 2.33 0.00	47.48 3.33 0.00	49.60 3.87 0.00	38.82 3.00 0.00	31.56 2.28 0.00	32.53 1.96 0.00
LAWRNCALV_115KV_TB1 80681	-0.38 0.01 0.00	-0.36 0.01 0.00	20.40 -0.68 0.00	4.33 -0.13 0.00	14.03 -0.42 0.00	19.31 -0.54 0.00	25.77 -0.61 0.00	6.42 -0.18 0.00	11.23 -0.29 0.00	21.34 -0.60 0.00	4.72 -0.14 0.00	4.23 -0.13 0.00	5.94 -0.20 0.00	4.28 -0.17 0.00	2.34 -0.11 0.00	7.31 -0.40 0.00	16.03 -0.81 0.00	21.00 -0.91 0.00	30.18 -1.02 0.00	43.24 -0.90 0.00	45.20 -0.54 0.00	35.71 -0.11 0.00	29.10 -0.18 0.00	30.39 -0.17 0.00
LEDERLE____ 23769	18.12 -0.04 -18.55	10.48 -0.04 -10.89	22.52 1.44 0.00	4.75 0.28 0.00	20.32 0.90 -4.97	21.06 1.21 0.00	27.84 1.46 0.00	9.14 0.41 -2.14	12.26 0.73 0.00	23.45 1.51 0.00	-55.41 0.37 60.63	-0.61 0.35 5.32	6.67 0.52 0.00	4.86 0.41 0.00	2.70 0.25 0.00	8.55 0.84 0.00	18.57 1.74 0.00	23.96 2.05 0.00	33.73 2.53 0.00	47.12 2.97 0.00	48.53 2.80 0.00	37.92 2.10 0.00	31.15 1.86 0.00	32.44 1.87 0.00
LIGHTHSE_115KV_TB6 355974	0.96 0.01 -1.34	0.42 0.01 -0.78	20.56 -0.51 0.00	4.35 -0.11 0.00	14.43 -0.38 -0.36	19.35 -0.50 0.00	25.69 -0.69 0.00	6.54 -0.21 -0.15	11.07 -0.46 0.00	21.06 -0.88 0.00	4.64 -0.21 0.00	4.18 -0.19 0.00	5.87 -0.27 0.00	4.26 -0.20 0.00	2.35 -0.10 0.00	7.40 -0.31 0.00	16.16 -0.68 0.00	21.07 -0.84 0.00	30.14 -1.06 0.00	43.07 -1.08 0.00	44.82 -0.91 0.00	35.16 -0.66 0.00	28.68 -0.60 0.00	29.89 -0.68 0.00
LINDEN COGEN____ 23786	-12.96 -0.04 12.53	2.04 -0.03 -2.44	-14.56 1.46 37.10	0.00 0.29 4.75	-14.73 0.90 30.07	0.00 1.20 21.06	0.00 1.45 27.82	0.89 0.42 6.12	11.81 0.79 0.50	23.15 1.61 0.40	16.85 0.42 -11.58	8.79 0.39 -4.04	6.73 0.58 0.00	4.91 0.45 0.00	2.73 0.27 0.00	8.63 0.92 0.00	18.69 1.86 0.00	21.95 2.17 2.13	24.42 2.63 9.41	0.00 3.02 47.17	3.11 2.71 45.33	0.00 2.06 37.88	-28.53 1.88 59.69	-12.22 1.91 44.69
LINDHRST_69_KV_BK1 356055	27.29 -0.06 -27.74	23.67 -0.05 -24.09	43.05 2.21 -19.75	14.95 0.44 -10.05	24.78 1.41 -8.92	24.42 1.85 -2.71	30.49 2.23 -1.88	12.04 0.61 -4.83	13.08 1.06 -0.49	27.19 2.20 -3.04	63.08 0.56 -57.67	20.69 0.50 -15.82	10.76 0.73 -3.89	24.05 0.55 -19.04	35.37 0.33 -32.59	36.70 1.07 -27.93	55.88 2.22 -36.82	46.42 2.65 -21.86	56.33 3.26 -21.87	71.35 4.04 -23.15	50.36 3.92 -21.50	47.48 3.05 -11.49	37.77 2.75 -15.45	37.77 2.94 -4.26
LIPA_MISC_IPP 23656	21.41 -0.06 -21.87	14.92 -0.06 -15.35	29.82 2.37 -6.36	7.18 0.48 -2.24	20.43 1.51 -4.48	20.20 1.96 1.61	26.86 2.34 1.86	10.24 0.64 -3.01	12.28 1.09 0.33	23.79 2.27 0.43	54.22 0.59 -48.78	12.42 0.52 -7.54	5.71 0.74 1.18	17.59 0.57 -12.57	26.72 0.34 -23.94	20.69 1.11 -11.87	34.45 2.32 -15.29	31.07 2.77 -6.39	40.60 3.47 -5.93	54.09 4.27 -5.67	54.72 3.98 -5.01	42.59 3.09 -3.68	37.13 2.87 -4.98	32.49 3.08 1.15
LISF____SOLAR 323691	21.47 -0.06 -21.93	15.01 -0.06 -15.44	29.99 2.42 -6.50	7.27 0.49 -2.32	20.51 1.54 -4.52	20.29 2.00 1.57	26.92 2.37 1.82	10.27 0.65 -3.03	12.30 1.10 0.33	23.83 2.28 0.39	54.31 0.59 -48.87	12.51 0.52 -7.62	5.76 0.75 1.13	17.66 0.57 -12.63	26.82 0.34 -24.02	20.85 1.12 -12.02	34.69 2.34 -15.51	31.26 2.81 -6.54	40.84 3.55 -6.09	54.41 4.42 -5.84	55.02 4.11 -5.17	42.77 3.19 -3.76	37.30 2.94 -5.08	32.61 3.15 1.10
LITTLE FALLS____HYD 24013	-0.38 0.01 0.00	-0.36 0.01 0.00	20.88 -0.20 0.00	4.44 -0.02 0.00	14.38 -0.07 0.00	19.65 -0.20 0.00	26.01 -0.37 0.00	6.47 -0.13 0.00	11.18 -0.35 0.00	21.09 -0.86 0.00	4.64 -0.22 0.00	4.16 -0.21 0.00	5.84 -0.30 0.00	4.26 -0.19 0.00	2.35 -0.10 0.00	7.43 -0.27 0.00	16.33 -0.50 0.00	21.48 -0.43 0.00	30.73 -0.47 0.00	43.59 -0.56 0.00	45.28 -0.46 0.00	35.33 -0.49 0.00	28.91 -0.37 0.00	30.22 -0.35 0.00

LITTLRIV_115KV_TB1 356100	-0.38 0.01 0.00	-0.37 0.00 0.00	20.66 -0.41 0.00	4.38 -0.08 0.00	14.22 -0.23 0.00	19.57 -0.28 0.00	26.10 -0.28 0.00	6.47 -0.13 0.00	11.28 -0.25 0.00	21.40 -0.54 0.00	4.73 -0.12 0.00	4.24 -0.12 0.00	5.96 -0.19 0.00	4.29 -0.16 0.00	2.34 -0.11 0.00	7.32 -0.39 0.00	16.05 -0.79 0.00	21.04 -0.87 0.00	30.30 -0.90 0.00	43.64 -0.51 0.00	45.85 0.12 0.00	36.23 0.41 0.00	29.50 0.22 0.00	30.81 0.24 0.00
LI_NEWBRDGE___DRP 323616	19.30 -0.05 -19.74	11.77 -0.04 -12.18	24.41 1.80 -1.52	4.25 0.36 0.57	18.48 1.15 -2.88	18.21 1.51 3.15	25.00 1.81 3.19	9.46 0.51 -2.35	11.80 0.90 0.63	22.17 1.90 1.67	50.92 0.49 -45.58	9.35 0.44 -4.54	3.80 0.64 2.99	15.10 0.49 -10.16	23.40 0.29 -20.67	14.66 0.93 -6.03	26.20 1.90 -7.46	24.84 2.21 -0.72	33.91 2.66 -0.05	46.52 3.20 0.83	47.57 2.99 1.15	38.99 2.32 -0.85	32.62 2.14 -1.19	29.78 2.31 3.09
LOCKPORT_115KV_TB60_63_64 80432	2.52 0.02 -2.89	1.36 0.03 -1.70	19.40 -1.68 0.00	4.10 -0.36 0.00	13.92 -1.30 -0.77	18.09 -1.76 0.00	24.17 -2.21 0.00	6.26 -0.66 -0.32	8.82 -1.29 1.41	19.39 -2.52 0.03	4.29 -0.57 0.00	3.90 -0.46 0.00	5.46 -0.68 0.00	3.96 -0.49 0.00	2.25 -0.20 0.00	6.96 -0.75 0.00	15.10 -1.74 0.00	19.51 -2.40 0.00	27.74 -3.46 0.00	39.29 -4.85 0.00	40.48 -5.25 0.00	31.82 -4.00 0.00	24.58 -3.48 1.23	27.21 -3.35 0.00
LOCKPORT___CC1 323769	2.54 0.02 -2.91	1.37 0.03 -1.71	19.41 -1.67 0.00	4.10 -0.36 0.00	13.94 -1.29 -0.78	18.10 -1.75 0.00	24.17 -2.21 0.00	6.27 -0.65 -0.33	8.73 -1.28 1.52	19.40 -2.51 0.03	4.29 -0.57 0.00	3.91 -0.46 0.00	5.46 -0.68 0.00	3.97 -0.49 0.00	2.25 -0.20 0.00	6.98 -0.73 0.00	15.13 -1.71 0.00	19.54 -2.37 0.00	27.74 -3.45 0.00	39.16 -4.99 0.00	40.48 -5.25 0.00	31.81 -4.02 0.00	24.56 -3.47 1.25	27.21 -3.36 0.00
LOCKPORT___CC2 323770	2.54 0.02 -2.91	1.37 0.03 -1.71	19.41 -1.67 0.00	4.10 -0.36 0.00	13.94 -1.29 -0.78	18.10 -1.75 0.00	24.17 -2.21 0.00	6.27 -0.65 -0.33	8.73 -1.28 1.52	19.40 -2.51 0.03	4.29 -0.57 0.00	3.91 -0.46 0.00	5.46 -0.68 0.00	3.97 -0.49 0.00	2.25 -0.20 0.00	6.98 -0.73 0.00	15.13 -1.71 0.00	19.54 -2.37 0.00	27.74 -3.45 0.00	39.16 -4.99 0.00	40.48 -5.25 0.00	31.81 -4.02 0.00	24.56 -3.47 1.25	27.21 -3.36 0.00
LOCKPORT___CC3 323771	2.54 0.02 -2.91	1.37 0.03 -1.71	19.41 -1.67 0.00	4.10 -0.36 0.00	13.94 -1.29 -0.78	18.10 -1.75 0.00	24.17 -2.21 0.00	6.27 -0.65 -0.33	8.73 -1.28 1.52	19.40 -2.51 0.03	4.29 -0.57 0.00	3.91 -0.46 0.00	5.46 -0.68 0.00	3.97 -0.49 0.00	2.25 -0.20 0.00	6.98 -0.73 0.00	15.13 -1.71 0.00	19.54 -2.37 0.00	27.74 -3.45 0.00	39.16 -4.99 0.00	40.48 -5.25 0.00	31.81 -4.02 0.00	24.56 -3.47 1.25	27.21 -3.36 0.00
LOCUSVLY_69_KV_BK2 55797	31.16 -0.05 -31.60	29.54 -0.04 -29.96	51.86 1.89 -28.90	19.64 0.38 -14.80	26.66 1.20 -11.01	25.89 1.59 -4.45	31.60 1.92 -3.30	13.18 0.54 -6.05	13.29 0.95 -0.81	28.62 1.98 -4.70	68.68 0.50 -63.33	26.10 0.45 -21.28	12.96 0.67 -6.15	31.02 0.51 -26.05	46.85 0.30 -44.10	48.76 1.00 -40.05	71.93 2.06 -53.04	56.85 2.43 -32.52	67.07 2.98 -32.89	83.02 3.60 -35.27	82.18 3.43 -33.01	55.28 2.63 -16.82	54.24 2.36 -22.60	39.89 2.49 -6.84
LONG_LAKE_PHOENIX 24014	1.06 0.01 -1.44	0.48 0.01 -0.85	20.57 -0.51 0.00	4.36 -0.11 0.00	14.47 -0.37 -0.39	19.35 -0.50 0.00	25.68 -0.70 0.00	6.57 -0.20 -0.17	11.12 -0.41 0.00	21.17 -0.78 0.00	4.67 -0.18 0.00	4.21 -0.16 0.00	5.93 -0.22 0.00	4.30 -0.16 0.00	2.37 -0.08 0.00	7.47 -0.24 0.00	16.31 -0.53 0.00	21.20 -0.71 0.00	30.19 -1.00 0.00	42.77 -1.38 0.00	44.33 -1.40 0.00	34.71 -1.11 0.00	28.32 -0.96 0.00	29.56 -1.01 0.00
LOVETT___3 23632	18.25 -0.04 -18.68	10.56 -0.03 -10.96	22.42 1.34 0.00	4.73 0.27 0.00	20.29 0.83 -5.00	20.97 1.11 0.00	27.71 1.33 0.00	9.13 0.38 -2.16	12.22 0.69 0.00	23.35 1.41 0.00	-59.70 0.36 64.91	-1.00 0.33 5.70	6.64 0.50 0.00	4.84 0.39 0.00	2.69 0.23 0.00	8.50 0.80 0.00	18.47 1.63 0.00	23.82 1.91 0.00	33.53 2.33 0.00	46.82 2.67 0.00	48.23 2.50 0.00	37.70 1.88 0.00	30.98 1.70 0.00	32.28 1.71 0.00
LOVETT___4 23642	18.25 -0.04 -18.68	10.56 -0.03 -10.96	22.42 1.34 0.00	4.73 0.27 0.00	20.29 0.83 -5.00	20.97 1.11 0.00	27.71 1.33 0.00	9.13 0.38 -2.16	12.22 0.69 0.00	23.35 1.41 0.00	-59.70 0.36 64.91	-1.00 0.33 5.70	6.64 0.50 0.00	4.84 0.39 0.00	2.69 0.23 0.00	8.50 0.80 0.00	18.47 1.63 0.00	23.82 1.91 0.00	33.53 2.33 0.00	46.82 2.67 0.00	48.23 2.50 0.00	37.70 1.88 0.00	30.98 1.70 0.00	32.28 1.71 0.00
LOVETT___5 23593	18.25 -0.04 -18.68	10.56 -0.03 -10.96	22.42 1.34 0.00	4.73 0.27 0.00	20.29 0.83 -5.00	20.97 1.11 0.00	27.71 1.33 0.00	9.13 0.38 -2.16	12.22 0.69 0.00	23.35 1.41 0.00	-59.70 0.36 64.91	-1.00 0.33 5.70	6.64 0.50 0.00	4.84 0.39 0.00	2.69 0.23 0.00	8.50 0.80 0.00	18.47 1.63 0.00	23.82 1.91 0.00	33.53 2.33 0.00	46.82 2.67 0.00	48.23 2.50 0.00	37.70 1.88 0.00	30.98 1.70 0.00	32.28 1.71 0.00
LOWER RAQUET___HYD 24057	-0.37 0.01 0.00	-0.36 0.01 0.00	20.27 -0.81 0.00	4.30 -0.16 0.00	13.94 -0.51 0.00	19.19 -0.66 0.00	25.61 -0.77 0.00	6.38 -0.22 0.00	11.15 -0.38 0.00	21.18 -0.76 0.00	4.68 -0.17 0.00	4.20 -0.17 0.00	5.89 -0.25 0.00	4.25 -0.21 0.00	2.32 -0.13 0.00	7.25 -0.46 0.00	15.90 -0.94 0.00	20.84 -1.07 0.00	29.97 -1.23 0.00	43.01 -1.13 0.00	45.00 -0.74 0.00	35.55 -0.28 0.00	28.96 -0.33 0.00	30.23 -0.33 0.00
LOWER___HUDSON 24059	23.78 -0.01 -24.18	13.81 -0.01 -14.20	21.92 0.84 0.00	4.64 0.17 0.00	21.48 0.55 -6.48	20.61 0.75 0.00	27.28 0.90 0.00	9.63 0.24 -2.79	11.90 0.37 0.00	22.55 0.61 0.00	10.80 0.11 -5.84	4.94 0.07 -0.51	6.25 0.11 0.00	4.56 0.10 0.00	2.51 0.06 0.00	7.92 0.21 0.00	17.37 0.53 0.00	22.73 0.82 0.00	32.30 1.10 0.00	45.64 1.50 0.00	47.24 1.51 0.00	36.99 1.17 0.00	30.25 0.97 0.00	31.53 0.96 0.00
LOWVILLE_115KV_TB2 356335	0.30 0.02 -0.67	0.02 0.00 -0.39	20.61 -0.47 0.00	4.35 -0.11 0.00	14.28 -0.35 -0.18	19.48 -0.37 0.00	26.00 -0.38 0.00	6.54 -0.13 -0.08	11.20 -0.32 0.00	21.28 -0.66 0.00	4.68 -0.17 0.00	4.20 -0.16 0.00	5.91 -0.24 0.00	4.28 -0.18 0.00	2.36 -0.09 0.00	7.41 -0.30 0.00	16.26 -0.58 0.00	21.35 -0.56 0.00	30.75 -0.45 0.00	44.29 0.14 0.00	46.23 0.49 0.00	36.25 0.42 0.00	29.51 0.22 0.00	30.71 0.15 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.10 -0.02 -24.50	14.00 -0.02 -14.38	22.15 1.08 0.00	4.68 0.23 0.00	21.73 0.71 -6.56	20.85 0.99 0.00	27.59 1.21 0.00	9.73 0.31 -2.83	11.99 0.46 0.00	22.69 0.74 0.00	4.98 0.13 0.00	4.46 0.10 0.00	6.30 0.15 0.00	4.59 0.14 0.00	2.53 0.08 0.00	7.99 0.28 0.00	17.52 0.69 0.00	22.97 1.06 0.00	32.76 1.57 0.00	46.38 2.23 0.00	48.03 2.30 0.00	37.55 1.73 0.00	30.65 1.37 0.00	31.91 1.35 0.00

LUTHERNY_35_KV_BK2 355980	24.09 -0.02 -24.50	14.00 -0.01 -14.38	22.18 1.10 0.00	4.68 0.23 0.00	21.73 0.72 -6.56	20.85 1.00 0.00	27.60 1.22 0.00	9.73 0.31 -2.83	12.00 0.47 0.00	22.70 0.76 0.00	4.98 0.13 0.00	4.46 0.10 0.00	6.30 0.15 0.00	4.59 0.14 0.00	2.53 0.08 0.00	7.99 0.28 0.00	17.51 0.68 0.00	22.96 1.05 0.00	32.79 1.59 0.00	46.44 2.29 0.00	48.09 2.36 0.00	37.56 1.74 0.00	30.64 1.36 0.00	31.92 1.36 0.00
LWR___OSWEGATCHIE_HYD 23850	0.12 0.02 -0.49	-0.07 0.01 -0.29	20.21 -0.87 0.00	4.27 -0.18 0.00	13.98 -0.60 -0.13	19.11 -0.74 0.00	25.49 -0.88 0.00	6.39 -0.26 -0.06	11.02 -0.51 0.00	20.92 -1.03 0.00	4.61 -0.24 0.00	4.13 -0.23 0.00	5.81 -0.33 0.00	4.20 -0.26 0.00	2.30 -0.15 0.00	7.22 -0.49 0.00	15.84 -1.00 0.00	20.78 -1.12 0.00	29.94 -1.26 0.00	43.11 -1.04 0.00	45.09 -0.64 0.00	35.50 -0.32 0.00	28.90 -0.38 0.00	30.12 -0.45 0.00
LYONS_FALL_HYD 23570	0.25 0.01 -0.64	0.00 0.00 -0.37	20.90 -0.17 0.00	4.41 -0.05 0.00	14.47 -0.16 -0.17	19.73 -0.12 0.00	26.27 -0.11 0.00	6.61 -0.06 -0.07	11.34 -0.19 0.00	21.56 -0.39 0.00	4.75 -0.10 0.00	4.27 -0.10 0.00	6.00 -0.15 0.00	4.35 -0.11 0.00	2.40 -0.06 0.00	7.54 -0.17 0.00	16.52 -0.31 0.00	21.65 -0.26 0.00	31.10 -0.10 0.00	44.51 0.37 0.00	46.33 0.60 0.00	36.30 0.48 0.00	29.57 0.29 0.00	30.79 0.23 0.00
MADISON___COUNTY_LFGE 323628	0.73 -0.01 -1.13	0.28 -0.01 -0.66	21.37 0.29 0.00	4.52 0.06 0.00	14.93 0.17 -0.30	20.13 0.27 0.00	26.72 0.34 0.00	6.77 0.05 -0.13	11.51 -0.01 0.00	21.89 -0.05 0.00	4.83 -0.03 0.00	4.35 -0.02 0.00	6.11 -0.03 0.00	4.44 -0.02 0.00	2.45 0.00 0.00	7.71 0.00 0.00	16.86 0.03 0.00	22.01 0.10 0.00	31.50 0.30 0.00	44.84 0.69 0.00	46.56 0.83 0.00	36.44 0.62 0.00	29.71 0.43 0.00	30.95 0.39 0.00
MALONE___115KV_TB1 356076	-0.39 0.00 0.00	-0.37 0.01 0.00	20.70 -0.38 0.00	4.40 -0.06 0.00	14.29 -0.16 0.00	19.73 -0.12 0.00	26.31 -0.07 0.00	6.57 -0.02 0.00	11.50 -0.03 0.00	21.81 -0.13 0.00	4.81 -0.04 0.00	4.31 -0.05 0.00	6.05 -0.09 0.00	4.36 -0.09 0.00	2.38 -0.07 0.00	7.44 -0.27 0.00	16.31 -0.52 0.00	21.40 -0.51 0.00	30.76 -0.44 0.00	44.11 -0.04 0.00	46.09 0.36 0.00	36.25 0.42 0.00	29.46 0.18 0.00	30.64 0.07 0.00
MAPLEWOD_115KV_TB3 80458	23.63 -0.01 -24.03	13.72 -0.01 -14.11	21.84 0.76 0.00	4.62 0.15 0.00	21.38 0.49 -6.44	20.53 0.67 0.00	27.18 0.80 0.00	9.59 0.22 -2.77	11.87 0.34 0.00	22.51 0.56 0.00	10.86 0.12 -5.89	4.96 0.08 -0.52	6.27 0.13 0.00	4.57 0.11 0.00	2.52 0.07 0.00	7.94 0.23 0.00	17.40 0.56 0.00	22.72 0.81 0.00	32.20 1.00 0.00	45.38 1.23 0.00	46.97 1.24 0.00	36.78 0.96 0.00	30.10 0.82 0.00	31.39 0.82 0.00
MAPLE_RIDGE_WT_1 323574	-0.38 0.01 0.00	-0.36 0.01 0.00	20.81 -0.26 0.00	4.40 -0.07 0.00	14.21 -0.24 0.00	19.54 -0.31 0.00	26.06 -0.32 0.00	6.53 -0.07 0.00	11.48 -0.05 0.00	21.88 -0.06 0.00	4.83 -0.02 0.00	4.34 -0.03 0.00	6.11 -0.04 0.00	4.42 -0.04 0.00	2.43 -0.02 0.00	7.61 -0.10 0.00	16.67 -0.17 0.00	21.74 -0.17 0.00	31.03 -0.17 0.00	44.01 -0.13 0.00	45.67 -0.06 0.00	35.81 -0.01 0.00	29.25 -0.03 0.00	30.55 -0.02 0.00
MAPLE_RIDGE_WT_2 323611	-0.38 0.01 0.00	-0.36 0.01 0.00	20.81 -0.26 0.00	4.40 -0.07 0.00	14.21 -0.24 0.00	19.54 -0.31 0.00	26.06 -0.32 0.00	6.53 -0.07 0.00	11.48 -0.05 0.00	21.88 -0.06 0.00	4.83 -0.02 0.00	4.34 -0.03 0.00	6.11 -0.04 0.00	4.42 -0.04 0.00	2.43 -0.02 0.00	7.61 -0.10 0.00	16.67 -0.17 0.00	21.74 -0.17 0.00	31.03 -0.17 0.00	44.01 -0.13 0.00	45.67 -0.06 0.00	35.81 -0.01 0.00	29.25 -0.03 0.00	30.55 -0.02 0.00
MARBLE_RIVER_WT_PWR 323696	-0.39 -0.01 0.00	-0.37 0.00 0.00	20.74 -0.34 0.00	4.41 -0.05 0.00	14.33 -0.12 0.00	19.81 -0.04 0.00	26.38 0.00 0.00	6.60 0.01 0.00	11.57 0.04 0.00	21.95 0.00 0.00	4.84 -0.02 0.00	4.34 -0.02 0.00	6.10 -0.04 0.00	4.40 -0.05 0.00	2.41 -0.05 0.00	7.52 -0.19 0.00	16.46 -0.38 0.00	21.58 -0.33 0.00	30.94 -0.26 0.00	44.21 0.06 0.00	46.05 0.32 0.00	36.16 0.34 0.00	29.42 0.14 0.00	30.60 0.03 0.00
MARSHVLE_115KV_TB1 80742	27.28 -0.03 -27.70	15.87 -0.02 -16.26	22.23 1.15 0.00	4.71 0.25 0.00	22.66 0.79 -7.42	20.96 1.11 -0.01	27.83 1.46 0.00	10.06 0.27 -3.20	11.84 0.31 0.00	22.44 0.50 0.00	4.93 0.08 0.00	4.47 0.10 0.00	6.30 0.16 0.00	4.55 0.09 0.00	2.50 0.05 0.00	7.88 0.18 0.00	17.20 0.37 0.00	22.43 0.52 0.00	32.37 1.18 0.00	46.69 2.54 0.00	48.58 2.85 0.00	38.09 2.27 0.00	31.01 1.73 0.00	32.32 1.75 0.00
MARSH_HILL_WT_PWR 323713	3.67 0.01 -4.05	2.02 0.01 -2.38	20.26 -0.82 0.00	4.28 -0.18 0.00	14.88 -0.65 -1.08	19.08 -0.78 0.00	25.43 -0.95 0.00	6.79 -0.31 -0.51	17.00 -0.70 -6.17	20.76 -1.32 -0.13	4.51 -0.34 0.00	4.11 -0.25 0.00	5.76 -0.38 0.00	4.18 -0.28 0.00	2.34 -0.12 0.00	7.35 -0.36 0.00	16.00 -0.84 0.00	20.73 -1.19 0.00	29.77 -1.43 0.00	42.41 -1.74 0.00	43.74 -1.99 0.00	34.10 -1.73 0.00	24.10 -1.61 3.57	28.96 -1.60 0.00
MCINTYRE_115KV_TB2 80467	-0.38 0.00 0.00	-0.37 0.00 0.00	20.93 -0.15 0.00	4.44 -0.02 0.00	14.40 -0.05 0.00	19.81 -0.04 0.00	26.41 0.04 0.00	6.54 -0.06 0.00	11.40 -0.13 0.00	21.65 -0.29 0.00	4.79 -0.07 0.00	4.29 -0.07 0.00	6.02 -0.12 0.00	4.34 -0.11 0.00	2.37 -0.08 0.00	7.40 -0.30 0.00	16.23 -0.60 0.00	21.27 -0.64 0.00	30.59 -0.61 0.00	44.04 -0.11 0.00	46.36 0.63 0.00	36.64 0.81 0.00	29.83 0.55 0.00	31.17 0.60 0.00
MECO_____69_KV_BK1 80468	26.14 -0.03 -26.56	15.20 -0.02 -15.59	22.39 1.31 0.00	4.75 0.28 0.00	22.49 0.92 -7.11	21.10 1.25 -0.01	27.94 1.56 0.00	9.95 0.29 -3.07	11.77 0.24 0.00	22.18 0.23 0.00	4.83 -0.03 0.00	4.39 0.03 0.00	6.20 0.05 0.00	4.48 0.03 0.00	2.47 0.02 0.00	7.79 0.08 0.00	17.02 0.18 0.00	22.30 0.39 0.00	32.39 1.20 0.00	46.91 2.76 0.00	48.90 3.17 0.00	38.30 2.48 0.00	31.19 1.90 0.00	32.49 1.92 0.00
MENANDS___115KV_TB5 355628	23.59 -0.01 -23.99	13.70 -0.01 -14.08	21.75 0.67 0.00	4.60 0.14 0.00	21.31 0.44 -6.43	20.45 0.59 0.00	27.07 0.69 0.00	9.56 0.20 -2.77	11.83 0.30 0.00	22.45 0.51 0.00	10.87 0.11 -5.91	4.95 0.07 -0.52	6.26 0.11 0.00	4.56 0.11 0.00	2.51 0.06 0.00	7.93 0.22 0.00	17.37 0.53 0.00	22.65 0.74 0.00	32.07 0.87 0.00	45.14 0.99 0.00	46.70 0.97 0.00	36.57 0.75 0.00	29.95 0.67 0.00	31.24 0.67 0.00
MG INDUSTRY___DRP 24185	23.09 -0.01 -23.49	13.40 -0.01 -13.79	21.79 0.71 0.00	4.61 0.14 0.00	21.20 0.46 -6.29	20.50 0.63 0.00	27.12 0.75 0.00	9.49 0.18 -2.71	11.78 0.25 0.00	22.38 0.44 0.00	4.94 0.09 0.00	4.43 0.07 0.00	6.25 0.10 0.00	4.54 0.09 0.00	2.50 0.05 0.00	7.89 0.18 0.00	17.28 0.44 0.00	22.54 0.63 0.00	32.05 0.85 0.00	45.24 1.09 0.00	46.81 1.08 0.00	36.64 0.82 0.00	30.00 0.72 0.00	31.29 0.73 0.00

MID___OSWEGATCHIE_HYD 23849	0.12 0.02 -0.49	-0.07 0.01 -0.29	20.21 -0.87 0.00	4.27 -0.18 0.00	13.98 -0.60 -0.13	19.11 -0.74 0.00	25.49 -0.88 0.00	6.39 -0.26 -0.06	11.02 -0.51 0.00	20.92 -1.03 0.00	4.61 -0.24 0.00	4.13 -0.23 0.00	5.81 -0.33 0.00	4.20 -0.26 0.00	2.30 -0.15 0.00	7.22 -0.49 0.00	15.84 -1.00 0.00	20.78 -1.12 0.00	29.94 -1.26 0.00	43.11 -1.04 0.00	45.09 -0.64 0.00	35.50 -0.32 0.00	28.90 -0.38 0.00	30.12 -0.45 0.00
MID___RAQUETTE_HYD 23851	-0.37 0.02 0.00	-0.36 0.01 0.00	20.27 -0.81 0.00	4.30 -0.16 0.00	13.94 -0.51 0.00	19.19 -0.66 0.00	25.61 -0.77 0.00	6.38 -0.22 0.00	11.15 -0.38 0.00	21.18 -0.76 0.00	4.68 -0.17 0.00	4.20 -0.17 0.00	5.89 -0.25 0.00	4.25 -0.21 0.00	2.32 -0.13 0.00	7.25 -0.46 0.00	15.90 -0.94 0.00	20.85 -1.06 0.00	29.97 -1.23 0.00	43.01 -1.14 0.00	45.00 -0.74 0.00	35.55 -0.28 0.00	28.96 -0.32 0.00	30.23 -0.33 0.00
MILLIKEN___1 23584	3.53 -0.01 -3.92	1.93 -0.01 -2.30	21.29 0.21 0.00	4.51 0.04 0.00	15.62 0.12 -1.05	20.03 0.17 0.00	26.58 0.20 0.00	7.06 0.01 -0.46	11.90 -0.10 -0.46	21.69 -0.26 -0.01	4.76 -0.09 0.00	4.30 -0.06 0.00	6.04 -0.10 0.00	4.39 -0.07 0.00	2.42 -0.02 0.00	7.64 -0.07 0.00	16.66 -0.18 0.00	21.73 -0.18 0.00	31.17 -0.02 0.00	44.42 0.27 0.00	46.01 0.28 0.00	35.99 0.17 0.00	33.76 0.05 -4.43	30.59 0.03 0.00
MILLIKEN___2 23585	3.53 -0.01 -3.92	1.93 -0.01 -2.30	21.29 0.21 0.00	4.51 0.04 0.00	15.62 0.12 -1.05	20.03 0.17 0.00	26.58 0.20 0.00	7.06 0.01 -0.46	11.90 -0.10 -0.46	21.69 -0.26 -0.01	4.76 -0.09 0.00	4.30 -0.06 0.00	6.04 -0.10 0.00	4.39 -0.07 0.00	2.42 -0.02 0.00	7.64 -0.07 0.00	16.66 -0.18 0.00	21.73 -0.18 0.00	31.17 -0.02 0.00	44.42 0.27 0.00	46.01 0.28 0.00	35.99 0.17 0.00	33.76 0.05 -4.43	30.59 0.03 0.00
MILLIKEN___DIESEL 23629	3.53 -0.01 -3.92	1.93 -0.01 -2.30	21.29 0.21 0.00	4.51 0.04 0.00	15.62 0.12 -1.05	20.03 0.17 0.00	26.58 0.20 0.00	7.06 0.01 -0.46	11.90 -0.10 -0.46	21.69 -0.26 -0.01	4.76 -0.09 0.00	4.30 -0.06 0.00	6.04 -0.10 0.00	4.39 -0.07 0.00	2.42 -0.02 0.00	7.64 -0.07 0.00	16.66 -0.18 0.00	21.73 -0.18 0.00	31.17 -0.02 0.00	44.42 0.27 0.00	46.01 0.28 0.00	35.99 0.17 0.00	33.76 0.05 -4.43	30.59 0.03 0.00
MILLSEAT___LFGE 323607	2.39 0.01 -2.77	1.28 0.02 -1.63	19.83 -1.25 0.00	4.19 -0.27 0.00	14.20 -0.99 -0.74	18.52 -1.33 0.00	24.73 -1.65 0.00	6.38 -0.53 -0.31	9.29 -1.11 1.14	19.71 -2.21 0.03	4.35 -0.51 0.00	3.96 -0.41 0.00	5.53 -0.61 0.00	4.02 -0.44 0.00	2.27 -0.18 0.00	7.05 -0.66 0.00	15.31 -1.53 0.00	19.91 -2.00 0.00	28.30 -2.90 0.00	40.22 -3.93 0.00	41.75 -3.97 0.00	32.81 -3.02 0.00	25.45 -2.69 1.15	27.96 -2.61 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.58 -0.04 -19.00	10.75 -0.04 -11.16	22.47 1.39 0.00	4.74 0.28 0.00	20.41 0.87 -5.09	21.03 1.17 0.00	27.78 1.41 0.00	9.19 0.40 -2.19	12.25 0.72 0.00	23.42 1.48 0.00	55.24 0.37 -50.02	9.10 0.34 -4.39	6.66 0.51 0.00	4.86 0.40 0.00	2.69 0.24 0.00	8.52 0.82 0.00	18.51 1.68 0.00	23.89 1.98 0.00	33.61 2.42 0.00	46.95 2.80 0.00	48.36 2.62 0.00	37.80 1.99 0.00	31.07 1.78 0.00	32.37 1.80 0.00
MILLWOOD_13_KV_LOAD 356217	18.58 -0.04 -19.00	10.75 -0.04 -11.16	22.50 1.42 0.00	4.75 0.28 0.00	20.43 0.89 -5.09	21.05 1.19 0.00	27.82 1.44 0.00	9.20 0.41 -2.19	12.26 0.73 0.00	23.44 1.49 0.00	55.24 0.37 -50.02	9.10 0.35 -4.39	6.66 0.52 0.00	4.86 0.40 0.00	2.70 0.25 0.00	8.53 0.82 0.00	18.53 1.69 0.00	23.92 2.01 0.00	33.65 2.46 0.00	47.01 2.86 0.00	48.43 2.70 0.00	37.85 2.03 0.00	31.10 1.82 0.00	32.40 1.84 0.00
MODEL_CITY_ENERGY 24167	2.57 0.03 -2.94	1.39 0.04 -1.72	19.20 -1.88 0.00	4.06 -0.41 0.00	13.80 -1.44 -0.79	17.90 -1.95 0.00	23.94 -2.44 0.00	6.21 -0.71 -0.33	8.67 -1.37 1.48	19.21 -2.70 0.03	4.25 -0.60 0.00	3.87 -0.50 0.00	5.41 -0.73 0.00	3.93 -0.52 0.00	2.23 -0.22 0.00	6.91 -0.80 0.00	14.98 -1.86 0.00	19.33 -2.58 0.00	27.45 -3.75 0.00	38.72 -5.43 0.00	40.00 -5.73 0.00	31.45 -4.38 0.00	24.29 -3.74 1.25	26.93 -3.64 0.00
MODERN_LFGE___ 323580	2.57 0.03 -2.94	1.39 0.04 -1.72	19.20 -1.88 0.00	4.06 -0.41 0.00	13.80 -1.44 -0.79	17.90 -1.95 0.00	23.94 -2.44 0.00	6.21 -0.71 -0.33	8.67 -1.37 1.48	19.21 -2.70 0.03	4.25 -0.60 0.00	3.87 -0.50 0.00	5.41 -0.73 0.00	3.93 -0.52 0.00	2.23 -0.22 0.00	6.91 -0.80 0.00	14.98 -1.86 0.00	19.33 -2.58 0.00	27.45 -3.75 0.00	38.72 -5.43 0.00	40.00 -5.73 0.00	31.45 -4.38 0.00	24.29 -3.74 1.25	26.93 -3.64 0.00
MOHAWK_PAPER___DRP 24187	23.63 -0.01 -24.03	13.72 -0.01 -14.11	21.84 0.76 0.00	4.62 0.15 0.00	21.38 0.49 -6.44	20.53 0.67 0.00	27.18 0.80 0.00	9.59 0.22 -2.77	11.87 0.34 0.00	22.51 0.56 0.00	10.86 0.12 -5.89	4.96 0.08 -0.52	6.27 0.13 0.00	4.57 0.11 0.00	2.52 0.07 0.00	7.94 0.23 0.00	17.40 0.56 0.00	22.72 0.81 0.00	32.20 1.00 0.00	45.38 1.23 0.00	46.97 1.24 0.00	36.78 0.96 0.00	30.10 0.82 0.00	31.39 0.82 0.00
MOHICAN___35_KV_115KV_LD 80490	24.11 -0.02 -24.52	14.00 -0.02 -14.39	22.19 1.11 0.00	4.69 0.23 0.00	21.75 0.74 -6.57	20.90 1.05 0.00	27.65 1.27 0.00	9.75 0.32 -2.83	12.00 0.47 0.00	22.63 0.69 0.00	4.95 0.10 0.00	4.44 0.07 0.00	6.27 0.13 0.00	4.58 0.13 0.00	2.53 0.07 0.00	7.98 0.27 0.00	17.56 0.72 0.00	23.06 1.15 0.00	32.94 1.74 0.00	46.70 2.55 0.00	48.45 2.71 0.00	37.87 2.05 0.00	30.87 1.59 0.00	32.04 1.47 0.00
MONGAUP___HYD 23641	17.17 -0.02 -17.58	9.93 -0.02 -10.32	21.98 0.90 0.00	4.64 0.17 0.00	19.72 0.55 -4.71	20.60 0.74 0.00	27.25 0.87 0.00	8.86 0.24 -2.03	11.88 0.35 0.00	22.56 0.62 0.00	-31.81 0.16 36.82	1.28 0.14 3.23	6.37 0.23 0.00	4.64 0.18 0.00	2.57 0.12 0.00	8.12 0.41 0.00	17.67 0.83 0.00	22.88 0.97 0.00	32.50 1.30 0.00	45.92 1.77 0.00	47.54 1.81 0.00	37.19 1.37 0.00	30.74 1.45 0.00	31.94 1.38 0.00
MONTAUK___DIESEL 23721	21.44 -0.06 -21.89	14.93 -0.08 -15.38	30.08 2.59 -6.41	7.25 0.51 -2.27	20.45 1.51 -4.49	19.98 1.72 1.59	26.55 2.02 1.84	10.15 0.54 -3.02	12.17 0.97 0.33	23.72 2.19 0.41	54.28 0.62 -48.81	12.48 0.54 -7.57	5.77 0.78 1.16	17.65 0.60 -12.59	26.82 0.39 -23.97	20.98 1.35 -11.92	35.10 2.89 -15.37	31.88 3.52 -6.45	41.84 4.66 -5.99	55.82 5.93 -5.74	55.18 4.38 -5.07	42.29 2.76 -3.71	37.29 2.99 -5.02	32.80 3.37 1.13
MOONROAD_115KV_HARTFLD_TB1-2 355988	3.01 0.01 -3.39	1.63 0.01 -1.99	20.22 -0.86 0.00	4.27 -0.18 0.00	14.59 -0.77 -0.91	18.98 -0.87 0.00	25.12 -1.26 0.00	6.56 -0.41 -0.38	9.37 -0.72 1.44	20.71 -1.20 0.03	4.54 -0.31 0.00	4.16 -0.20 0.00	5.81 -0.34 0.00	4.21 -0.24 0.00	2.38 -0.07 0.00	7.42 -0.28 0.00	16.11 -0.72 0.00	20.70 -1.21 0.00	29.51 -1.69 0.00	41.72 -2.43 0.00	42.76 -2.97 0.00	33.33 -2.49 0.00	25.28 -2.35 1.65	27.93 -2.63 0.00

MORRIS_RIDGE___SOLAR 323848	3.54 0.01 -3.92	1.95 0.02 -2.30	20.15 -0.93 0.00	4.26 -0.20 0.00	14.75 -0.75 -1.05	18.86 -0.99 0.00	25.03 -1.35 0.00	6.56 -0.43 -0.40	1.66 -0.94 8.94	20.00 -1.75 0.20	4.43 -0.42 0.00	4.04 -0.32 0.00	5.66 -0.49 0.00	4.11 -0.35 0.00	2.30 -0.15 0.00	7.21 -0.50 0.00	15.69 -1.15 0.00	20.28 -1.63 0.00	29.10 -2.10 0.00	41.50 -2.65 0.00	42.94 -2.79 0.00	33.51 -2.31 0.00	24.82 -2.08 2.38	28.46 -2.10 0.00
MORTIMER_115KV_TB3 55949	1.99 0.01 -2.38	1.03 0.01 -1.39	20.15 -0.93 0.00	4.26 -0.20 0.00	14.35 -0.73 -0.64	18.87 -0.98 0.00	25.10 -1.28 0.00	6.48 -0.39 -0.27	10.72 -0.81 0.00	20.42 -1.53 0.00	4.50 -0.35 0.00	4.08 -0.29 0.00	5.72 -0.42 0.00	4.15 -0.30 0.00	2.32 -0.13 0.00	7.26 -0.45 0.00	15.82 -1.02 0.00	20.47 -1.44 0.00	29.23 -1.97 0.00	41.48 -2.67 0.00	42.85 -2.88 0.00	33.60 -2.22 0.00	26.39 -2.02 0.87	28.62 -1.95 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.75 -0.04 -20.18	12.38 -0.04 -12.79	22.67 1.59 0.00	4.78 0.31 0.00	20.57 0.99 -5.13	21.19 1.33 0.00	28.00 1.62 0.00	9.27 0.46 -2.21	12.38 0.85 0.00	23.67 1.73 0.00	51.27 0.43 -45.98	8.79 0.40 -4.03	6.73 0.59 0.00	4.91 0.46 0.00	2.73 0.28 0.00	8.63 0.92 0.00	18.71 1.88 0.00	24.13 2.22 0.00	33.89 2.70 0.00	47.27 3.12 0.00	48.67 2.93 0.00	38.05 2.23 0.00	31.28 2.00 0.00	32.60 2.04 0.00
MUNSVILLE_WIND_PWR 323609	5.62 -0.04 -6.06	3.14 -0.04 -3.56	22.23 1.15 0.00	4.73 0.26 0.00	16.93 0.85 -1.62	20.95 1.10 0.00	27.82 1.44 0.00	7.57 0.28 -0.70	12.22 0.35 -0.34	22.38 0.43 -0.01	4.84 -0.01 0.00	4.41 0.04 0.00	6.18 0.03 0.00	4.47 0.01 0.00	2.47 0.02 0.00	7.81 0.11 0.00	17.19 0.35 0.00	22.70 0.78 0.00	32.97 1.77 0.00	47.31 3.16 0.00	48.97 3.23 0.00	38.17 2.35 0.00	33.22 1.72 -2.21	32.42 1.85 0.00
N SALMON___HYD 24042	-0.39 0.00 0.00	-0.37 0.00 0.00	20.70 -0.38 0.00	4.40 -0.06 0.00	14.29 -0.16 0.00	19.74 -0.12 0.00	26.31 -0.07 0.00	6.57 -0.02 0.00	11.50 -0.03 0.00	21.81 -0.13 0.00	4.81 -0.04 0.00	4.31 -0.05 0.00	6.05 -0.09 0.00	4.36 -0.09 0.00	2.38 -0.07 0.00	7.44 -0.27 0.00	16.31 -0.52 0.00	21.40 -0.51 0.00	30.76 -0.44 0.00	44.11 -0.04 0.00	46.09 0.36 0.00	36.25 0.42 0.00	29.47 0.18 0.00	30.64 0.07 0.00
N.AKRON__115KV_KNAPP 355671	2.43 0.01 -2.81	1.30 0.02 -1.65	19.79 -1.29 0.00	4.18 -0.28 0.00	14.18 -1.02 -0.75	18.48 -1.38 0.00	24.67 -1.71 0.00	6.37 -0.54 -0.32	9.19 -1.12 1.22	19.71 -2.21 0.03	4.35 -0.50 0.00	3.97 -0.40 0.00	5.54 -0.61 0.00	4.02 -0.44 0.00	2.27 -0.18 0.00	7.05 -0.66 0.00	15.32 -1.52 0.00	20.07 -1.84 0.00	28.30 -2.90 0.00	40.26 -3.89 0.00	41.60 -4.14 0.00	32.70 -3.12 0.00	25.32 -2.79 1.18	27.88 -2.69 0.00
N.E_GEN_SANDY PD 24062	23.51 -0.01 -23.92	13.36 -0.01 -13.74	23.04 0.98 -0.98	6.57 0.20 -1.90	21.36 0.64 -6.27	22.05 0.87 -1.33	27.42 1.04 0.00	11.98 0.29 -5.09	13.03 0.47 -1.03	22.73 0.78 -0.01	11.04 0.14 -6.05	5.06 0.08 -0.62	6.28 0.13 0.00	4.58 0.13 0.00	5.24 0.07 -2.71	6.28 0.25 1.68	17.00 0.62 0.46	22.64 0.95 0.22	32.05 1.22 0.37	47.99 1.61 -2.23	46.70 1.60 0.63	48.35 1.27 -11.25	33.22 1.08 -2.86	32.10 1.08 -0.45
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.18 -0.04 -18.61	10.52 -0.03 -10.92	22.45 1.37 0.00	4.74 0.27 0.00	20.28 0.85 -4.98	21.00 1.14 0.00	27.75 1.37 0.00	9.13 0.39 -2.15	12.23 0.70 0.00	23.38 1.43 0.00	-57.18 0.36 62.39	-0.78 0.34 5.48	6.65 0.50 0.00	4.85 0.39 0.00	2.69 0.24 0.00	8.52 0.81 0.00	18.51 1.67 0.00	23.88 1.97 0.00	33.60 2.40 0.00	46.92 2.78 0.00	48.34 2.61 0.00	37.77 1.95 0.00	31.04 1.75 0.00	32.33 1.76 0.00
N.QUEENS_27_KV_LOAD 356247	19.46 -0.04 -19.88	11.94 -0.03 -12.35	22.58 1.50 0.00	4.75 0.29 0.00	20.51 0.93 -5.13	21.10 1.24 0.00	27.93 1.56 0.00	9.27 0.45 -2.22	12.40 0.87 0.00	23.73 1.78 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.89 1.96 -0.09	24.67 2.35 -0.41	34.71 2.82 -0.69	48.68 3.47 -1.06	50.06 3.13 -1.19	38.06 2.22 -0.01	31.29 2.01 0.00	32.55 1.98 0.00
N.TROY___115KV_TB1 355778	23.78 -0.01 -24.18	13.81 -0.01 -14.20	21.92 0.84 0.00	4.64 0.17 0.00	21.48 0.55 -6.48	20.61 0.75 0.00	27.28 0.90 0.00	9.63 0.24 -2.79	11.90 0.37 0.00	22.55 0.61 0.00	10.80 0.11 -5.84	4.94 0.07 -0.51	6.25 0.11 0.00	4.56 0.10 0.00	2.51 0.06 0.00	7.92 0.21 0.00	17.37 0.53 0.00	22.74 0.83 0.00	32.30 1.11 0.00	45.64 1.49 0.00	47.24 1.51 0.00	36.99 1.17 0.00	30.25 0.97 0.00	31.53 0.96 0.00
NARROWS_GT1_1 24228	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT1_2 24229	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT1_3 24230	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT1_4 24231	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT1_5 24232	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67

NARROWS_GT1_6 24233	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT1_7 24234	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT1_8 24235	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT2_1 24236	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT2_2 24237	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT2_3 24238	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT2_4 24239	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT2_5 24240	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT2_6 24241	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT2_7 24242	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NARROWS_GT2_8 24243	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.32 -0.01 -22.72	12.96 -0.01 -13.34	22.02 0.94 0.00	4.65 0.19 0.00	21.16 0.62 -6.09	20.73 0.87 0.00	27.45 1.06 0.00	9.48 0.26 -2.62	11.90 0.38 0.00	22.54 0.59 0.00	4.97 0.12 0.00	4.45 0.08 0.00	6.26 0.12 0.00	4.56 0.10 0.00	2.51 0.06 0.00	7.93 0.22 0.00	17.37 0.54 0.00	22.73 0.82 0.00	32.38 1.19 0.00	45.87 1.72 0.00	47.58 1.85 0.00	37.24 1.42 0.00	30.43 1.15 0.00	31.68 1.12 0.00
NCHELSEA_115KV_TR2 355582	18.85 -0.04 -19.27	10.91 -0.03 -11.31	22.52 1.44 0.00	4.75 0.29 0.00	20.53 0.92 -5.16	21.10 1.24 0.00	27.90 1.52 0.00	9.24 0.42 -2.23	12.27 0.74 0.00	23.42 1.47 0.00	5.21 0.36 0.00	4.69 0.33 0.00	6.63 0.49 0.00	4.83 0.38 0.00	2.68 0.23 0.00	8.48 0.77 0.00	18.45 1.61 0.00	23.88 1.97 0.00	33.69 2.49 0.00	47.16 3.01 0.00	48.64 2.91 0.00	38.01 2.19 0.00	31.18 1.89 0.00	32.46 1.89 0.00
NEG CAPITAL___MECHNVIL 23645	24.00 -0.02 -24.41	13.94 -0.01 -14.33	22.19 1.11 0.00	4.69 0.23 0.00	21.71 0.73 -6.54	20.87 1.01 0.00	27.62 1.25 0.00	9.73 0.32 -2.82	12.01 0.48 0.00	22.73 0.79 0.00	4.99 0.14 0.00	4.47 0.10 0.00	6.31 0.16 0.00	4.60 0.14 0.00	2.53 0.08 0.00	8.00 0.29 0.00	17.55 0.71 0.00	23.01 1.10 0.00	32.81 1.62 0.00	46.44 2.29 0.00	48.08 2.35 0.00	37.60 1.78 0.00	30.69 1.41 0.00	31.95 1.38 0.00
NEG CENTRAL_HIGH_ACRES 23767	1.88 0.01 -2.26	0.97 0.01 -1.33	19.96 -1.12 0.00	4.22 -0.24 0.00	14.21 -0.85 -0.60	18.71 -1.14 0.00	24.88 -1.50 0.00	6.42 -0.43 -0.26	10.65 -0.88 0.00	20.28 -1.67 0.00	4.47 -0.38 0.00	4.04 -0.33 0.00	5.67 -0.47 0.00	4.12 -0.34 0.00	2.30 -0.16 0.00	7.19 -0.52 0.00	15.68 -1.16 0.00	20.32 -1.59 0.00	29.05 -2.14 0.00	41.19 -2.96 0.00	42.62 -3.12 0.00	33.39 -2.43 0.00	26.49 -2.16 0.63	28.41 -2.15 0.00

NEG CENTRAL___DRP 24199	2.01 0.00 -2.39	1.04 0.01 -1.40	20.75 -0.33 0.00	4.39 -0.07 0.00	14.82 -0.28 -0.64	19.51 -0.34 0.00	25.90 -0.48 0.00	6.71 -0.16 -0.28	11.72 -0.39 -0.59	21.19 -0.77 -0.01	4.66 -0.19 0.00	4.21 -0.15 0.00	5.91 -0.23 0.00	4.29 -0.16 0.00	2.38 -0.07 0.00	7.49 -0.22 0.00	16.32 -0.52 0.00	21.22 -0.69 0.00	30.35 -0.84 0.00	43.14 -1.01 0.00	44.58 -1.15 0.00	34.92 -0.90 0.00	27.47 -0.85 0.96	29.68 -0.88 0.00
NEG CENTRAL___INDECK 23768	3.00 0.00 -3.38	1.62 0.01 -1.99	20.68 -0.40 0.00	4.37 -0.09 0.00	14.99 -0.37 -0.91	19.39 -0.46 0.00	25.80 -0.58 0.00	6.76 -0.26 -0.43	17.15 -0.71 -6.34	20.73 -1.36 -0.14	4.52 -0.33 0.00	4.11 -0.25 0.00	5.76 -0.38 0.00	4.18 -0.27 0.00	2.34 -0.11 0.00	7.33 -0.37 0.00	15.99 -0.85 0.00	20.72 -1.19 0.00	29.70 -1.50 0.00	42.51 -1.64 0.00	44.37 -1.36 0.00	34.74 -1.08 0.00	25.97 -1.15 2.16	29.43 -1.14 0.00
NEG CENTRAL___SENECA 23627	2.37 0.00 -2.76	1.25 0.01 -1.62	20.72 -0.36 0.00	4.38 -0.08 0.00	14.89 -0.29 -0.74	19.48 -0.37 0.00	25.87 -0.51 0.00	6.74 -0.18 -0.32	12.02 -0.44 -0.93	21.09 -0.87 -0.02	4.63 -0.22 0.00	4.19 -0.17 0.00	5.88 -0.26 0.00	4.27 -0.18 0.00	2.37 -0.08 0.00	7.46 -0.25 0.00	16.27 -0.57 0.00	21.13 -0.78 0.00	30.28 -0.92 0.00	43.10 -1.05 0.00	44.46 -1.28 0.00	34.84 -0.98 0.00	26.51 -0.95 1.82	29.59 -0.98 0.00
NEG CENTRAL___STATE_STREET 24147	1.90 0.00 -2.29	0.97 0.00 -1.34	20.99 -0.09 0.00	4.43 -0.02 0.00	14.93 -0.14 -0.61	19.74 -0.12 0.00	26.19 -0.18 0.00	6.78 -0.08 -0.27	11.28 -0.25 0.00	21.44 -0.50 0.00	4.72 -0.13 0.00	4.26 -0.10 0.00	5.97 -0.17 0.00	4.34 -0.11 0.00	2.41 -0.05 0.00	7.57 -0.14 0.00	16.47 -0.37 0.00	21.47 -0.45 0.00	30.71 -0.48 0.00	43.65 -0.49 0.00	45.20 -0.54 0.00	35.37 -0.45 0.00	29.36 -0.45 -0.52	30.09 -0.47 0.00
NEG MILLWOOD___DRP 24198	19.03 -0.04 -19.45	11.01 -0.03 -11.42	22.56 1.48 0.00	4.76 0.30 0.00	20.60 0.94 -5.21	21.13 1.27 0.00	27.93 1.55 0.00	9.27 0.43 -2.25	12.30 0.77 0.00	23.49 1.55 0.00	17.86 0.38 -12.63	5.82 0.35 -1.11	6.66 0.52 0.00	4.86 0.40 0.00	2.69 0.24 0.00	8.52 0.81 0.00	18.52 1.69 0.00	23.97 2.06 0.00	33.77 2.58 0.00	47.24 3.09 0.00	48.72 2.98 0.00	38.07 2.25 0.00	31.23 1.94 0.00	32.52 1.95 0.00
NEG NORTH_FLCN_SEA 23793	-0.40 -0.01 0.00	-0.37 0.00 0.00	20.95 -0.13 0.00	4.45 -0.01 0.00	14.45 0.00 0.00	20.04 0.18 0.00	26.63 0.25 0.00	6.68 0.08 0.00	11.68 0.15 0.00	22.12 0.18 0.00	4.87 0.02 0.00	4.37 0.00 0.00	6.16 0.01 0.00	4.44 -0.02 0.00	2.43 -0.02 0.00	7.58 -0.13 0.00	16.59 -0.25 0.00	21.77 -0.14 0.00	31.15 -0.05 0.00	44.59 0.44 0.00	46.48 0.75 0.00	36.50 0.68 0.00	29.69 0.41 0.00	30.84 0.27 0.00
NEG NORTH_KES_CHATEGAY 23792	-0.39 0.00 0.00	-0.37 0.00 0.00	20.75 -0.33 0.00	4.41 -0.05 0.00	14.33 -0.12 0.00	19.81 -0.04 0.00	26.40 0.02 0.00	6.60 0.01 0.00	11.56 0.03 0.00	21.93 -0.01 0.00	4.83 -0.02 0.00	4.34 -0.03 0.00	6.09 -0.05 0.00	4.39 -0.06 0.00	2.40 -0.05 0.00	7.50 -0.21 0.00	16.42 -0.41 0.00	21.54 -0.37 0.00	30.89 -0.30 0.00	44.19 0.05 0.00	46.13 0.39 0.00	36.23 0.41 0.00	29.45 0.16 0.00	30.62 0.06 0.00
NEG NORTH___ALICE_FALLS 23915	-0.40 -0.01 0.00	-0.37 0.00 0.00	20.92 -0.16 0.00	4.44 -0.02 0.00	14.44 -0.01 0.00	20.00 0.15 0.00	26.60 0.22 0.00	6.66 0.07 0.00	11.66 0.13 0.00	22.08 0.14 0.00	4.86 0.01 0.00	4.36 -0.01 0.00	6.14 0.00 0.00	4.43 -0.03 0.00	2.42 -0.03 0.00	7.56 -0.15 0.00	16.54 -0.29 0.00	21.71 -0.19 0.00	31.10 -0.09 0.00	44.56 0.42 0.00	46.51 0.77 0.00	36.52 0.69 0.00	29.69 0.40 0.00	30.84 0.27 0.00
NEG NORTH___LWR_SARANAC 23913	-0.40 -0.01 0.00	-0.37 0.00 0.00	20.92 -0.16 0.00	4.44 -0.02 0.00	14.44 -0.01 0.00	20.00 0.15 0.00	26.60 0.22 0.00	6.66 0.07 0.00	11.66 0.13 0.00	22.08 0.14 0.00	4.86 0.01 0.00	4.36 -0.01 0.00	6.14 0.00 0.00	4.43 -0.03 0.00	2.42 -0.03 0.00	7.56 -0.15 0.00	16.54 -0.29 0.00	21.71 -0.19 0.00	31.10 -0.09 0.00	44.56 0.42 0.00	46.51 0.77 0.00	36.52 0.69 0.00	29.69 0.40 0.00	30.84 0.27 0.00
NEG NORTH___PLATTSBURG 23628	-0.40 -0.01 0.00	-0.37 0.00 0.00	20.92 -0.16 0.00	4.44 -0.02 0.00	14.44 -0.01 0.00	20.00 0.15 0.00	26.60 0.22 0.00	6.66 0.07 0.00	11.66 0.13 0.00	22.08 0.14 0.00	4.86 0.01 0.00	4.36 -0.01 0.00	6.14 0.00 0.00	4.43 -0.03 0.00	2.42 -0.03 0.00	7.56 -0.15 0.00	16.54 -0.29 0.00	21.71 -0.19 0.00	31.10 -0.09 0.00	44.56 0.42 0.00	46.51 0.77 0.00	36.52 0.69 0.00	29.69 0.40 0.00	30.84 0.27 0.00
NEG WEST_LEA_LOCKPORT 23791	2.54 0.02 -2.91	1.37 0.03 -1.71	19.41 -1.67 0.00	4.10 -0.36 0.00	13.94 -1.29 -0.78	18.10 -1.75 0.00	24.18 -2.20 0.00	6.27 -0.65 -0.33	8.72 -1.29 1.52	19.41 -2.50 0.03	4.29 -0.56 0.00	3.91 -0.46 0.00	5.46 -0.68 0.00	3.97 -0.49 0.00	2.25 -0.20 0.00	6.97 -0.73 0.00	15.13 -1.71 0.00	19.54 -2.38 0.00	27.76 -3.43 0.00	39.32 -4.83 0.00	40.49 -5.25 0.00	31.82 -4.00 0.00	24.55 -3.48 1.25	27.21 -3.35 0.00
NEG WEST___LANCASTR 23811	3.00 0.01 -3.38	1.64 0.03 -1.98	20.15 -0.92 0.00	4.26 -0.20 0.00	14.61 -0.75 -0.91	18.85 -1.01 0.00	25.06 -1.32 0.00	6.55 -0.42 -0.38	9.15 -0.81 1.57	20.35 -1.56 0.03	4.47 -0.38 0.00	4.08 -0.28 0.00	5.72 -0.43 0.00	4.15 -0.30 0.00	2.33 -0.12 0.00	7.29 -0.42 0.00	15.82 -1.01 0.00	20.38 -1.53 0.00	29.00 -2.20 0.00	41.03 -3.12 0.00	42.22 -3.51 0.00	33.07 -2.75 0.00	25.31 -2.39 1.58	28.32 -2.25 0.00
NEG_PENN_ALLEGHNY 23528	5.99 0.00 -6.38	3.38 0.00 -3.74	21.14 0.05 0.00	4.48 0.01 0.00	16.19 0.03 -1.71	19.89 0.03 0.00	26.36 -0.02 0.00	7.30 -0.03 -0.74	11.44 -0.09 0.00	21.80 -0.15 0.00	4.80 -0.06 0.00	4.35 -0.02 0.00	6.11 -0.03 0.00	4.43 -0.02 0.00	2.46 0.00 0.00	7.73 0.03 0.00	16.86 0.03 0.00	21.87 -0.04 0.00	31.12 -0.07 0.00	43.98 -0.17 0.00	45.44 -0.30 0.00	35.50 -0.32 0.00	28.24 -0.31 0.72	30.24 -0.32 0.00
NEG___GEN_MONROE 24207	2.01 0.01 -2.40	1.05 0.01 -1.41	20.20 -0.88 0.00	4.27 -0.19 0.00	14.39 -0.70 -0.64	18.92 -0.94 0.00	25.17 -1.21 0.00	6.48 -0.38 -0.27	10.44 -0.83 0.26	20.34 -1.60 0.01	4.49 -0.37 0.00	4.06 -0.30 0.00	5.70 -0.44 0.00	4.14 -0.32 0.00	2.32 -0.14 0.00	7.23 -0.48 0.00	15.76 -1.08 0.00	20.41 -1.50 0.00	29.16 -2.04 0.00	41.49 -2.66 0.00	42.93 -2.80 0.00	33.68 -2.14 0.00	26.43 -1.97 0.89	28.67 -1.90 0.00
NEPA___ENERGY 23901	3.04 0.02 -3.41	1.66 0.03 -2.00	20.23 -0.85 0.00	4.28 -0.18 0.00	14.70 -0.66 -0.91	18.99 -0.86 0.00	25.16 -1.22 0.00	6.61 -0.37 -0.38	9.08 -0.72 1.73	20.64 -1.26 0.04	4.52 -0.33 0.00	4.16 -0.21 0.00	5.80 -0.34 0.00	4.22 -0.24 0.00	2.37 -0.08 0.00	7.43 -0.27 0.00	16.10 -0.74 0.00	20.64 -1.27 0.00	29.31 -1.89 0.00	41.37 -2.78 0.00	42.50 -3.24 0.00	33.16 -2.66 0.00	25.31 -2.38 1.59	28.20 -2.37 0.00

NEVERSINK___HYD 23608	17.09 -0.03 -17.51	9.88 -0.04 -10.28	22.52 1.44 0.00	4.76 0.29 0.00	20.07 0.92 -4.69	21.11 1.25 0.00	27.93 1.55 0.00	9.03 0.42 -2.02	12.24 0.71 0.00	23.33 1.38 0.00	-5.52 0.33 10.69	3.72 0.29 0.94	6.58 0.44 0.00	4.79 0.34 0.00	2.65 0.20 0.00	8.40 0.69 0.00	18.26 1.42 0.00	23.67 1.76 0.00	33.52 2.32 0.00	47.17 3.02 0.00	48.69 2.96 0.00	38.05 2.23 0.00	31.18 1.90 0.00	32.45 1.88 0.00
NEWKRMKL_115KV_TB1 55635	23.58 -0.01 -23.98	13.70 -0.01 -14.08	21.66 0.58 0.00	4.58 0.12 0.00	21.24 0.36 -6.42	20.36 0.50 0.00	26.95 0.58 0.00	9.53 0.17 -2.77	11.77 0.24 0.00	22.35 0.41 0.00	10.78 0.09 -5.84	4.94 0.06 -0.51	6.24 0.10 0.00	4.55 0.09 0.00	2.51 0.05 0.00	7.90 0.19 0.00	17.31 0.48 0.00	22.58 0.67 0.00	31.97 0.77 0.00	44.98 0.83 0.00	46.54 0.81 0.00	36.43 0.61 0.00	29.84 0.56 0.00	31.12 0.56 0.00
NEWTON___FALLS_HYD 23847	0.12 0.02 -0.49	-0.07 0.01 -0.29	20.21 -0.87 0.00	4.27 -0.18 0.00	13.98 -0.60 -0.13	19.11 -0.74 0.00	25.49 -0.88 0.00	6.39 -0.26 -0.06	11.02 -0.51 0.00	20.92 -1.03 0.00	4.61 -0.24 0.00	4.13 -0.23 0.00	5.81 -0.33 0.00	4.20 -0.26 0.00	2.30 -0.15 0.00	7.22 -0.49 0.00	15.84 -1.00 0.00	20.78 -1.12 0.00	29.94 -1.26 0.00	43.11 -1.04 0.00	45.09 -0.64 0.00	35.50 -0.32 0.00	28.90 -0.38 0.00	30.12 -0.45 0.00
NGRID_A1_DSASP 323792	2.58 0.02 -2.96	1.39 0.03 -1.74	19.16 -1.92 0.00	4.05 -0.41 0.00	13.77 -1.47 -0.79	17.85 -2.00 0.00	23.85 -2.53 0.00	6.20 -0.73 -0.33	8.59 -1.42 1.52	19.18 -2.74 0.03	4.24 -0.62 0.00	3.86 -0.51 0.00	5.40 -0.74 0.00	3.94 -0.51 0.00	2.24 -0.22 0.00	6.96 -0.75 0.00	15.02 -1.82 0.00	19.29 -2.61 0.00	27.40 -3.79 0.00	38.59 -5.56 0.00	39.85 -5.89 0.00	31.31 -4.51 0.00	24.10 -3.89 1.29	26.82 -3.75 0.00
NGRID_A2_DSASP 323793	2.58 0.02 -2.96	1.39 0.03 -1.74	19.16 -1.92 0.00	4.05 -0.41 0.00	13.77 -1.47 -0.79	17.85 -2.00 0.00	23.85 -2.53 0.00	6.20 -0.73 -0.33	8.59 -1.42 1.52	19.18 -2.74 0.03	4.24 -0.62 0.00	3.86 -0.51 0.00	5.40 -0.74 0.00	3.94 -0.51 0.00	2.24 -0.22 0.00	6.96 -0.75 0.00	15.02 -1.82 0.00	19.29 -2.61 0.00	27.40 -3.79 0.00	38.59 -5.56 0.00	39.85 -5.89 0.00	31.31 -4.51 0.00	24.10 -3.89 1.29	26.82 -3.75 0.00
NGRID_A4_DSASP 323807	2.58 0.02 -2.96	1.39 0.03 -1.74	19.16 -1.92 0.00	4.05 -0.41 0.00	13.77 -1.47 -0.79	17.85 -2.00 0.00	23.85 -2.53 0.00	6.20 -0.73 -0.33	8.59 -1.42 1.52	19.18 -2.74 0.03	4.24 -0.62 0.00	3.86 -0.51 0.00	5.40 -0.74 0.00	3.94 -0.51 0.00	2.24 -0.22 0.00	6.96 -0.75 0.00	15.02 -1.82 0.00	19.29 -2.61 0.00	27.40 -3.79 0.00	38.59 -5.56 0.00	39.85 -5.89 0.00	31.31 -4.51 0.00	24.10 -3.89 1.29	26.82 -3.75 0.00
NIAGARA_115E_LBMP 323715	2.60 0.03 -2.96	1.41 0.04 -1.74	19.09 -1.99 0.00	4.04 -0.43 0.00	13.73 -1.51 -0.79	17.80 -2.05 0.00	23.81 -2.56 0.00	6.18 -0.74 -0.33	8.59 -1.42 1.52	19.11 -2.80 0.03	4.23 -0.63 0.00	3.85 -0.51 0.00	5.39 -0.75 0.00	3.91 -0.54 0.00	2.23 -0.23 0.00	6.88 -0.83 0.00	14.90 -1.94 0.00	19.21 -2.70 0.00	27.30 -3.90 0.00	38.46 -5.69 0.00	39.74 -5.99 0.00	31.25 -4.57 0.00	24.13 -3.89 1.26	26.77 -3.79 0.00
NIAGARA_115W_LBMP 323714	2.58 0.02 -2.95	1.39 0.03 -1.73	19.10 -1.98 0.00	4.04 -0.43 0.00	13.73 -1.51 -0.79	17.80 -2.06 0.00	23.78 -2.60 0.00	6.18 -0.74 -0.33	8.58 -1.44 1.51	19.11 -2.79 0.03	4.22 -0.63 0.00	3.85 -0.52 0.00	5.39 -0.75 0.00	3.93 -0.52 0.00	2.23 -0.22 0.00	6.94 -0.77 0.00	14.98 -1.86 0.00	19.23 -2.67 0.00	27.31 -3.88 0.00	38.46 -5.69 0.00	39.71 -6.03 0.00	31.21 -4.61 0.00	24.03 -3.97 1.29	26.74 -3.83 0.00
NIAGARA_230_LBMP 323716	2.53 0.01 -2.91	1.37 0.03 -1.71	19.33 -1.75 0.00	4.09 -0.38 0.00	13.88 -1.35 -0.78	18.03 -1.83 0.00	24.05 -2.33 0.00	6.24 -0.68 -0.33	8.75 -1.33 1.44	19.38 -2.53 0.03	4.28 -0.58 0.00	3.89 -0.47 0.00	5.45 -0.69 0.00	3.96 -0.49 0.00	2.24 -0.21 0.00	6.98 -0.73 0.00	15.12 -1.71 0.00	19.47 -2.44 0.00	27.64 -3.56 0.00	38.95 -5.20 0.00	40.21 -5.52 0.00	31.59 -4.23 0.00	24.35 -3.68 1.26	27.06 -3.51 0.00
NIAGARA___115KV_198_GIBSON 55903	2.58 0.02 -2.95	1.39 0.03 -1.73	19.10 -1.98 0.00	4.04 -0.42 0.00	13.73 -1.51 -0.79	17.80 -2.05 0.00	23.78 -2.60 0.00	6.18 -0.75 -0.33	8.58 -1.44 1.51	19.12 -2.79 0.03	4.23 -0.63 0.00	3.85 -0.52 0.00	5.39 -0.75 0.00	3.93 -0.52 0.00	2.23 -0.22 0.00	6.94 -0.77 0.00	14.98 -1.86 0.00	19.23 -2.68 0.00	27.33 -3.86 0.00	38.64 -5.51 0.00	39.72 -6.02 0.00	31.22 -4.60 0.00	24.04 -3.96 1.29	26.74 -3.82 0.00
NIAGARA____ 23760	2.57 0.01 -2.95	1.39 0.03 -1.74	19.33 -1.75 0.00	4.09 -0.38 0.00	13.89 -1.35 -0.79	18.03 -1.83 0.00	24.05 -2.33 0.00	6.25 -0.68 -0.33	8.74 -1.33 1.45	19.38 -2.53 0.03	4.28 -0.58 0.00	3.89 -0.47 0.00	5.45 -0.69 0.00	3.96 -0.49 0.00	2.24 -0.21 0.00	6.98 -0.73 0.00	15.12 -1.71 0.00	19.47 -2.44 0.00	27.64 -3.56 0.00	38.95 -5.20 0.00	40.21 -5.52 0.00	31.59 -4.23 0.00	24.34 -3.68 1.26	27.06 -3.51 0.00
NINE_MILE_1 23575	0.75 0.01 -1.13	0.30 0.01 -0.66	20.44 -0.64 0.00	4.33 -0.14 0.00	14.29 -0.46 -0.30	19.23 -0.63 0.00	25.53 -0.85 0.00	6.50 -0.22 -0.13	11.09 -0.44 0.00	21.11 -0.83 0.00	4.66 -0.19 0.00	4.20 -0.16 0.00	5.91 -0.23 0.00	4.29 -0.16 0.00	2.37 -0.09 0.00	7.44 -0.26 0.00	16.24 -0.60 0.00	21.10 -0.81 0.00	30.00 -1.20 0.00	42.45 -1.70 0.00	43.96 -1.78 0.00	34.43 -1.39 0.00	28.12 -1.16 0.00	29.36 -1.20 0.00
NINE_MILE_2 23744	0.74 0.01 -1.12	0.30 0.01 -0.66	20.44 -0.63 0.00	4.33 -0.14 0.00	14.29 -0.46 -0.30	19.23 -0.62 0.00	25.53 -0.85 0.00	6.50 -0.22 -0.13	11.09 -0.44 0.00	21.11 -0.83 0.00	4.66 -0.19 0.00	4.20 -0.16 0.00	5.91 -0.23 0.00	4.29 -0.16 0.00	2.37 -0.09 0.00	7.45 -0.26 0.00	16.25 -0.59 0.00	21.10 -0.81 0.00	30.00 -1.20 0.00	42.45 -1.70 0.00	43.96 -1.77 0.00	34.44 -1.39 0.00	28.12 -1.16 0.00	29.37 -1.20 0.00
NM_CAPITAL___DRP 24208	23.54 -0.01 -23.94	13.68 -0.01 -14.05	21.71 0.63 0.00	4.59 0.13 0.00	21.27 0.40 -6.41	20.41 0.55 0.00	27.02 0.64 0.00	9.54 0.19 -2.77	11.81 0.28 0.00	22.42 0.48 0.00	10.88 0.10 -5.93	4.95 0.07 -0.52	6.25 0.11 0.00	4.55 0.10 0.00	2.51 0.06 0.00	7.91 0.21 0.00	17.34 0.50 0.00	22.62 0.71 0.00	32.00 0.81 0.00	45.04 0.89 0.00	46.60 0.87 0.00	36.50 0.67 0.00	29.89 0.61 0.00	31.18 0.61 0.00
NM_CENTRAL___DRP 24181	1.33 0.00 -1.72	0.64 0.00 -1.01	20.81 -0.27 0.00	4.40 -0.06 0.00	14.70 -0.21 -0.46	19.57 -0.29 0.00	25.97 -0.41 0.00	6.67 -0.12 -0.20	11.25 -0.28 0.00	21.41 -0.53 0.00	4.73 -0.13 0.00	4.26 -0.10 0.00	6.00 -0.14 0.00	4.35 -0.10 0.00	2.41 -0.05 0.00	7.57 -0.14 0.00	16.53 -0.31 0.00	21.47 -0.44 0.00	30.57 -0.63 0.00	43.29 -0.86 0.00	44.78 -0.95 0.00	35.06 -0.76 0.00	28.61 -0.67 0.00	29.86 -0.70 0.00

NM_FRONTIER___DRP 24179	2.58 0.02 -2.95	1.39 0.03 -1.73	19.10 -1.98 0.00	4.04 -0.42 0.00	13.73 -1.51 -0.79	17.80 -2.05 0.00	23.78 -2.60 0.00	6.18 -0.75 -0.33	8.58 -1.44 1.51	19.12 -2.79 0.03	4.23 -0.63 0.00	3.85 -0.52 0.00	5.39 -0.75 0.00	3.93 -0.52 0.00	2.23 -0.22 0.00	6.94 -0.77 0.00	14.98 -1.86 0.00	19.23 -2.68 0.00	27.33 -3.86 0.00	38.64 -5.51 0.00	39.72 -6.02 0.00	31.22 -4.60 0.00	24.04 -3.96 1.29	26.74 -3.82 0.00
NM_ST_REGIS___HYD 24053	-0.38 0.01 0.00	-0.36 0.01 0.00	20.38 -0.70 0.00	4.33 -0.14 0.00	14.04 -0.41 0.00	19.35 -0.50 0.00	25.81 -0.57 0.00	6.43 -0.16 0.00	11.24 -0.29 0.00	21.35 -0.59 0.00	4.72 -0.14 0.00	4.23 -0.14 0.00	5.94 -0.21 0.00	4.28 -0.18 0.00	2.34 -0.12 0.00	7.30 -0.41 0.00	16.00 -0.84 0.00	20.99 -0.92 0.00	30.18 -1.01 0.00	43.31 -0.84 0.00	45.32 -0.41 0.00	35.76 -0.06 0.00	29.11 -0.17 0.00	30.36 -0.20 0.00
NORTHPORT___1 23551	20.91 -0.06 -21.36	14.17 -0.05 -14.59	28.28 2.00 -5.21	6.43 0.40 -1.57	19.81 1.27 -4.09	19.50 1.63 1.98	26.06 1.86 2.18	9.98 0.54 -2.85	12.02 0.90 0.41	23.15 1.93 0.72	53.39 0.53 -48.01	11.66 0.46 -6.82	5.20 0.67 1.61	16.96 0.51 -11.99	25.91 0.30 -23.16	19.15 0.98 -10.47	32.28 2.01 -13.43	29.26 2.28 -5.08	38.49 2.70 -4.61	51.52 3.15 -4.23	52.30 2.91 -3.67	41.15 2.32 -3.01	35.63 2.27 -4.07	31.49 2.54 1.62
NORTHPORT___2 23552	20.91 -0.06 -21.36	14.17 -0.05 -14.59	28.28 2.00 -5.21	6.43 0.40 -1.57	19.81 1.27 -4.09	19.50 1.63 1.98	26.06 1.86 2.18	9.98 0.54 -2.85	12.02 0.90 0.41	23.15 1.93 0.72	53.39 0.53 -48.01	11.66 0.46 -6.82	5.20 0.67 1.61	16.96 0.51 -11.99	25.91 0.30 -23.16	19.15 0.98 -10.47	32.28 2.01 -13.43	29.26 2.28 -5.08	38.49 2.70 -4.61	51.52 3.15 -4.23	52.30 2.91 -3.67	41.15 2.32 -3.01	35.63 2.27 -4.07	31.49 2.54 1.62
NORTHPORT___3 23553	21.17 -0.05 -21.61	14.55 -0.04 -14.96	28.74 1.88 -5.78	6.72 0.37 -1.88	19.90 1.20 -4.25	19.55 1.53 1.83	26.09 1.77 2.06	10.03 0.51 -2.93	12.02 0.87 0.38	23.15 1.81 0.60	53.73 0.49 -48.38	11.98 0.44 -7.17	5.35 0.65 1.43	17.31 0.49 -12.36	26.47 0.29 -23.73	19.84 0.93 -11.20	33.15 1.91 -14.40	29.78 2.16 -5.71	38.94 2.52 -5.23	51.93 2.90 -4.89	52.61 2.61 -4.27	41.22 2.06 -3.34	35.89 2.08 -4.52	31.46 2.32 1.43
NORTHPORT___4 23650	21.17 -0.05 -21.61	14.55 -0.04 -14.96	28.74 1.88 -5.78	6.72 0.37 -1.88	19.90 1.20 -4.25	19.55 1.53 1.83	26.09 1.77 2.06	10.03 0.51 -2.93	12.02 0.87 0.38	23.15 1.81 0.60	53.73 0.49 -48.38	11.98 0.44 -7.17	5.35 0.65 1.43	17.31 0.49 -12.36	26.47 0.29 -23.73	19.84 0.93 -11.20	33.15 1.91 -14.40	29.78 2.16 -5.71	38.94 2.52 -5.23	51.93 2.90 -4.89	52.61 2.61 -4.27	41.22 2.06 -3.34	35.89 2.08 -4.52	31.46 2.32 1.43
NORTHPORT___IC 23718	20.91 -0.06 -21.36	14.17 -0.05 -14.59	28.27 1.99 -5.21	6.43 0.40 -1.57	19.80 1.26 -4.09	19.50 1.62 1.98	26.08 1.88 2.18	9.98 0.54 -2.85	12.04 0.91 0.41	23.17 1.94 0.72	53.39 0.53 -48.01	11.65 0.46 -6.82	5.21 0.67 1.61	16.96 0.51 -11.99	25.91 0.30 -23.16	19.16 0.98 -10.47	32.27 2.00 -13.43	29.26 2.27 -5.08	38.49 2.69 -4.61	51.47 3.09 -4.23	52.27 2.87 -3.67	41.15 2.32 -3.01	35.62 2.27 -4.07	31.48 2.53 1.62
NORTH___COUNTRY_ESR 323785	-0.39 0.00 0.00	-0.37 0.00 0.00	20.71 -0.37 0.00	4.40 -0.06 0.00	14.31 -0.14 0.00	19.77 -0.08 0.00	26.35 -0.03 0.00	6.59 0.00 0.00	11.56 0.03 0.00	21.93 -0.01 0.00	4.83 -0.02 0.00	4.34 -0.03 0.00	6.09 -0.05 0.00	4.39 -0.06 0.00	2.40 -0.05 0.00	7.50 -0.21 0.00	16.43 -0.41 0.00	21.54 -0.37 0.00	30.89 -0.30 0.00	44.17 0.02 0.00	46.01 0.28 0.00	36.13 0.31 0.00	29.39 0.10 0.00	30.56 -0.01 0.00
NPX_GEN_1385_PROXY 323591	20.91 -0.06 -21.36	14.17 -0.05 -14.59	28.28 2.00 -5.21	6.43 0.40 -1.57	19.81 1.27 -4.09	19.51 1.64 1.98	26.07 1.87 2.18	9.98 0.54 -2.85	12.02 0.90 0.41	23.15 1.93 0.72	53.39 0.52 -48.01	11.65 0.46 -6.82	5.19 0.66 1.61	16.95 0.50 -11.99	25.91 0.30 -23.16	-3.13 0.95 11.79	12.94 1.95 5.85	29.23 2.25 -5.08	38.48 2.68 -4.61	51.52 3.15 -4.23	52.32 2.92 -3.67	41.15 2.32 -3.01	35.63 2.27 -4.07	31.49 2.54 1.62
NPX_GEN_CSC 323557	21.42 -0.06 -21.87	14.92 -0.06 -15.35	29.89 2.44 -6.37	7.20 0.49 -2.25	20.47 1.55 -4.48	20.25 2.00 1.61	26.89 2.37 1.86	10.26 0.65 -3.01	12.30 1.10 0.33	23.82 2.30 0.42	54.24 0.60 -48.79	12.44 0.52 -7.55	5.73 0.76 1.17	17.60 0.58 -12.57	26.74 0.35 -23.94	20.72 1.14 -11.87	34.52 2.38 -15.31	31.17 2.86 -6.40	40.76 3.62 -5.94	54.36 4.53 -5.68	54.92 4.17 -5.02	42.71 3.20 -3.69	37.24 2.97 -4.99	32.59 3.18 1.15
NSINS_S_GLNS_FALLS 23858	24.12 -0.02 -24.53	14.01 -0.02 -14.40	22.18 1.10 0.00	4.69 0.23 0.00	21.75 0.73 -6.57	20.89 1.03 0.00	27.63 1.25 0.00	9.75 0.32 -2.83	11.99 0.46 0.00	22.63 0.69 0.00	4.96 0.11 0.00	4.44 0.08 0.00	6.28 0.13 0.00	4.59 0.13 0.00	2.53 0.07 0.00	7.98 0.28 0.00	17.57 0.73 0.00	23.06 1.15 0.00	32.94 1.74 0.00	46.68 2.53 0.00	48.40 2.67 0.00	37.84 2.02 0.00	30.84 1.56 0.00	32.02 1.45 0.00
NUCOR_STEEL___DRP 24197	1.77 0.00 -2.16	0.89 -0.01 -1.27	20.99 -0.09 0.00	4.43 -0.03 0.00	14.88 -0.15 -0.58	19.73 -0.12 0.00	26.19 -0.18 0.00	6.76 -0.08 -0.25	11.28 -0.25 0.00	21.45 -0.49 0.00	4.73 -0.12 0.00	4.27 -0.10 0.00	5.97 -0.17 0.00	4.35 -0.11 0.00	2.41 -0.05 0.00	7.57 -0.14 0.00	16.47 -0.37 0.00	21.47 -0.44 0.00	30.71 -0.49 0.00	43.63 -0.52 0.00	45.18 -0.55 0.00	35.35 -0.47 0.00	29.42 -0.46 -0.60	30.09 -0.48 0.00
NUMBER_THREE_WT_PWR 323818	0.30 0.02 -0.68	0.03 0.01 -0.40	20.56 -0.52 0.00	4.34 -0.12 0.00	14.25 -0.38 -0.18	19.44 -0.41 0.00	25.95 -0.43 0.00	6.53 -0.14 -0.08	11.18 -0.34 0.00	21.24 -0.70 0.00	4.68 -0.17 0.00	4.19 -0.17 0.00	5.90 -0.25 0.00	4.27 -0.18 0.00	2.35 -0.10 0.00	7.40 -0.31 0.00	16.23 -0.60 0.00	21.31 -0.60 0.00	30.71 -0.49 0.00	44.22 0.07 0.00	46.17 0.44 0.00	36.21 0.38 0.00	29.47 0.19 0.00	30.67 0.11 0.00
NYISO_LBMP_REFERENCE 24008	-0.39 0.00 0.00	-0.37 0.00 0.00	21.08 0.00 0.00	4.46 0.00 0.00	14.45 0.00 0.00	19.85 0.00 0.00	26.38 0.00 0.00	6.59 0.00 0.00	11.53 0.00 0.00	21.94 0.00 0.00	4.85 0.00 0.00	4.36 0.00 0.00	6.14 0.00 0.00	4.45 0.00 0.00	2.45 0.00 0.00	7.71 0.00 0.00	16.84 0.00 0.00	21.91 0.00 0.00	31.20 0.00 0.00	44.15 0.00 0.00	45.73 0.00 0.00	35.82 0.00 0.00	29.28 0.00 0.00	30.57 0.00 0.00
NYPA_BRENTWD____GT 24164	22.18 -0.06 -22.63	16.06 -0.05 -16.49	31.41 2.22 -8.11	8.17 0.44 -3.26	20.92 1.41 -5.05	20.65 1.85 1.05	27.17 2.17 1.38	10.45 0.61 -3.25	12.33 1.03 0.23	24.13 2.16 -0.02	55.36 0.57 -49.94	13.48 0.50 -8.62	6.34 0.72 0.52	18.43 0.55 -13.43	27.87 0.32 -25.09	22.73 1.06 -13.96	37.14 2.20 -18.10	32.90 2.58 -8.41	42.39 3.17 -8.02	56.00 3.89 -7.96	56.59 3.68 -7.18	43.41 2.89 -4.70	38.30 2.68 -6.34	33.02 2.90 0.45

NYPA_GOWANUS____GT5 24156	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NYPA_GOWANUS____GT6 24157	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.79 2.37 -13.51	50.75 2.80 -16.75	49.43 3.18 -2.10	48.90 3.17 0.00	51.52 2.46 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67
NYPA_HARLEM__RVR__GT1 24160	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.57 1.49 0.00	4.75 0.28 0.00	20.50 0.92 -5.13	21.09 1.24 0.00	27.92 1.55 0.01	9.26 0.45 -2.22	12.39 0.86 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.94 0.00	18.75 1.91 0.00	24.19 2.28 0.00	33.91 2.72 0.00	47.36 3.21 0.00	48.62 2.88 0.00	38.01 2.18 0.00	31.27 1.99 0.00	32.53 1.96 0.00
NYPA_HARLEM__RVR__GT2 24161	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.57 1.49 0.00	4.75 0.28 0.00	20.50 0.92 -5.13	21.09 1.24 0.00	27.92 1.55 0.01	9.26 0.45 -2.22	12.39 0.86 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.94 0.00	18.75 1.91 0.00	24.19 2.28 0.00	33.91 2.72 0.00	47.36 3.21 0.00	48.62 2.88 0.00	38.01 2.18 0.00	31.27 1.99 0.00	32.53 1.96 0.00
NYPA_KENT____GT 24152	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.73 1.65 0.00	4.79 0.32 0.00	20.61 1.02 -5.13	21.24 1.38 0.00	28.08 1.70 0.00	9.30 0.49 -2.22	12.43 0.90 0.00	23.77 1.83 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.81 1.98 0.00	32.44 2.35 -8.18	44.13 2.79 -10.14	48.63 3.21 -1.27	48.85 3.12 0.00	46.25 2.41 -8.02	41.01 2.17 -9.56	39.81 2.17 -7.07
NYPA_POUCH1____GT 24155	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.81 1.73 0.00	4.80 0.34 0.00	20.66 1.08 -5.13	21.31 1.45 0.00	28.18 1.80 0.00	9.31 0.50 -2.22	12.41 0.88 0.00	23.74 1.79 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.61 0.00	4.93 0.47 0.00	2.74 0.29 0.00	8.66 0.96 0.00	18.80 1.96 0.00	37.74 2.32 -13.51	50.60 2.65 -16.75	49.14 2.96 -2.02	48.93 3.21 0.00	51.59 2.53 -13.24	47.34 2.27 -15.79	44.55 2.31 -11.67
NYPA_VERNON____GT2 24162	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.73 1.65 0.00	4.79 0.32 0.00	20.61 1.02 -5.13	21.24 1.38 0.00	28.09 1.71 0.00	9.30 0.49 -2.22	12.43 0.90 0.00	23.78 1.83 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.67 0.96 0.00	18.81 1.97 0.00	27.10 2.34 -2.86	37.53 2.79 -3.54	47.82 3.23 -0.44	48.78 3.05 0.00	40.97 2.34 -2.80	34.74 2.12 -3.34	35.16 2.13 -2.47
NYPA_VERNON____GT3 24163	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.73 1.65 0.00	4.79 0.32 0.00	20.61 1.02 -5.13	21.24 1.38 0.00	28.09 1.71 0.00	9.30 0.49 -2.22	12.43 0.90 0.00	23.78 1.83 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.67 0.96 0.00	18.81 1.97 0.00	27.10 2.34 -2.86	37.53 2.79 -3.54	47.82 3.23 -0.44	48.78 3.05 0.00	40.97 2.34 -2.80	34.74 2.12 -3.34	35.16 2.13 -2.47
NYPA__ASTORIA_CC1 323568	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.37 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.43 0.90 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.67 0.96 0.00	18.79 1.95 0.00	24.22 2.31 0.00	33.94 2.75 0.00	47.31 3.16 0.00	48.72 2.99 0.00	38.11 2.28 0.00	31.36 2.07 0.00	32.64 2.07 0.00
NYPA__ASTORIA_CC2 323569	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.37 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.43 0.90 0.00	23.76 1.82 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.67 0.96 0.00	18.79 1.95 0.00	24.22 2.31 0.00	33.94 2.75 0.00	47.31 3.16 0.00	48.72 2.99 0.00	38.11 2.28 0.00	31.36 2.07 0.00	32.64 2.07 0.00
NYPA__HOLTSVILL 23794	21.37 -0.06 -21.82	14.86 -0.05 -15.28	29.59 2.25 -6.25	7.10 0.45 -2.18	20.33 1.44 -4.44	20.08 1.87 1.64	26.68 2.20 1.89	10.20 0.61 -3.00	12.23 1.04 0.34	23.66 2.17 0.45	54.13 0.57 -48.71	12.34 0.50 -7.47	5.65 0.73 1.22	17.52 0.55 -12.52	26.64 0.33 -23.86	20.51 1.07 -11.73	34.17 2.21 -15.12	30.77 2.60 -6.26	40.20 3.20 -5.80	53.58 3.90 -5.53	54.24 3.63 -4.87	42.29 2.85 -3.62	36.85 2.68 -4.89	32.25 2.88 1.20
NYPA__HELLGATE_GT1 24158	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.57 1.49 0.00	4.75 0.28 0.00	20.50 0.92 -5.13	21.09 1.24 0.00	27.92 1.55 0.00	9.26 0.45 -2.22	12.39 0.86 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.94 0.00	18.75 1.91 0.00	24.19 2.28 0.00	33.91 2.71 0.00	47.34 3.20 0.00	48.62 2.88 0.00	38.01 2.19 0.00	31.27 1.99 0.00	32.53 1.96 0.00
NYPA__HELLGATE_GT2 24159	19.46 -0.03 -19.88	11.95 -0.03 -12.35	22.57 1.49 0.00	4.75 0.28 0.00	20.50 0.92 -5.13	21.09 1.24 0.00	27.92 1.55 0.00	9.26 0.45 -2.22	12.39 0.86 0.00	23.69 1.74 -0.01	51.32 0.45 -46.01	8.81 0.41 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.94 0.00	18.75 1.91 0.00	24.19 2.28 0.00	33.91 2.71 0.00	47.34 3.20 0.00	48.62 2.88 0.00	38.01 2.19 0.00	31.27 1.99 0.00	32.53 1.96 0.00
NYS_BARGE____HYD 23848	2.52 0.02 -2.89	1.36 0.03 -1.70	19.40 -1.68 0.00	4.10 -0.36 0.00	13.92 -1.31 -0.77	18.08 -1.77 0.00	24.17 -2.21 0.00	6.26 -0.66 -0.32	8.82 -1.29 1.41	19.39 -2.53 0.03	4.28 -0.57 0.00	3.90 -0.46 0.00	5.45 -0.69 0.00	3.96 -0.49 0.00	2.25 -0.20 0.00	6.97 -0.74 0.00	15.11 -1.73 0.00	19.52 -2.39 0.00	27.72 -3.48 0.00	39.12 -5.02 0.00	40.47 -5.26 0.00	31.80 -4.02 0.00	24.58 -3.47 1.23	27.21 -3.35 0.00
OAK ORCHARD____HYD 24046	1.99 0.00 -2.38	1.03 0.01 -1.39	20.15 -0.93 0.00	4.26 -0.20 0.00	14.35 -0.73 -0.64	18.87 -0.99 0.00	25.10 -1.28 0.00	6.48 -0.39 -0.27	10.72 -0.81 0.00	20.41 -1.53 0.00	4.50 -0.35 0.00	4.07 -0.29 0.00	5.72 -0.43 0.00	4.15 -0.30 0.00	2.32 -0.13 0.00	7.26 -0.45 0.00	15.82 -1.02 0.00	20.47 -1.44 0.00	29.22 -1.98 0.00	41.39 -2.76 0.00	42.85 -2.88 0.00	33.59 -2.23 0.00	26.40 -2.01 0.87	28.61 -1.95 0.00

OAKDALE___35_KV_LOAD 356122	5.94 0.00 -6.33	3.34 0.00 -3.72	21.12 0.04 0.00	4.47 0.01 0.00	16.16 0.02 -1.70	19.87 0.02 0.00	26.34 -0.04 0.00	7.30 -0.03 -0.73	11.44 -0.09 0.00	21.80 -0.14 0.00	4.80 -0.05 0.00	4.35 -0.02 0.00	6.11 -0.03 0.00	4.44 -0.02 0.00	2.46 0.00 0.00	7.73 0.03 0.00	16.86 0.02 0.00	21.86 -0.05 0.00	31.09 -0.11 0.00	43.94 -0.20 0.00	45.39 -0.34 0.00	35.47 -0.35 0.00	28.13 -0.34 0.81	30.23 -0.33 0.00
OCC_CHEM___DRP 24175	2.59 0.02 -2.96	1.39 0.03 -1.74	19.17 -1.92 0.00	4.06 -0.41 0.00	13.77 -1.47 -0.79	17.85 -2.00 0.00	23.85 -2.53 0.00	6.20 -0.73 -0.33	8.59 -1.42 1.52	19.19 -2.73 0.03	4.24 -0.61 0.00	3.86 -0.50 0.00	5.41 -0.74 0.00	3.94 -0.51 0.00	2.24 -0.22 0.00	6.95 -0.75 0.00	15.02 -1.82 0.00	19.29 -2.62 0.00	27.42 -3.78 0.00	38.76 -5.39 0.00	39.84 -5.90 0.00	31.32 -4.50 0.00	24.11 -3.88 1.29	26.82 -3.75 0.00
OH_GEN_PROXY 24063	2.54 0.01 -2.92	1.37 0.03 -1.71	19.39 -1.69 0.00	4.10 -0.36 0.00	13.93 -1.30 -0.78	18.08 -1.77 0.00	24.10 -2.28 0.00	6.27 -0.66 -0.33	8.91 -1.30 1.32	19.46 -2.46 0.03	4.29 -0.56 0.00	3.91 -0.46 0.00	5.47 -0.67 0.00	3.98 -0.48 0.00	2.25 -0.20 0.00	7.00 -0.71 0.00	15.18 -1.66 0.00	19.54 -2.37 0.00	27.75 -3.45 0.00	39.12 -5.03 0.00	40.38 -5.36 0.00	31.71 -4.11 0.00	24.46 -3.58 1.24	27.13 -3.43 0.00
OLIN_CORP_DRP 24177	2.62 0.03 -2.98	1.42 0.04 -1.75	19.15 -1.93 0.00	4.05 -0.42 0.00	13.77 -1.47 -0.80	17.85 -2.00 0.00	23.88 -2.50 0.00	6.20 -0.73 -0.33	8.58 -1.40 1.54	19.17 -2.74 0.03	4.25 -0.61 0.00	3.86 -0.50 0.00	5.40 -0.74 0.00	3.92 -0.53 0.00	2.23 -0.22 0.00	6.90 -0.81 0.00	14.95 -1.89 0.00	19.27 -2.64 0.00	27.39 -3.81 0.00	38.75 -5.40 0.00	39.86 -5.87 0.00	31.35 -4.47 0.00	24.17 -3.83 1.28	26.85 -3.72 0.00
OLIN_CORP_DSASP 323712	2.58 0.02 -2.96	1.39 0.03 -1.74	19.16 -1.92 0.00	4.05 -0.41 0.00	13.77 -1.47 -0.79	17.85 -2.00 0.00	23.85 -2.53 0.00	6.20 -0.73 -0.33	8.59 -1.42 1.52	19.18 -2.74 0.03	4.24 -0.62 0.00	3.86 -0.51 0.00	5.40 -0.74 0.00	3.94 -0.51 0.00	2.24 -0.22 0.00	6.96 -0.75 0.00	15.02 -1.82 0.00	19.29 -2.61 0.00	27.40 -3.79 0.00	38.59 -5.56 0.00	39.85 -5.89 0.00	31.31 -4.51 0.00	24.10 -3.89 1.29	26.82 -3.75 0.00
ONEIDA_HERK_LFGE 323681	0.21 0.00 -0.59	-0.03 0.00 -0.35	21.10 0.02 0.00	4.46 0.00 0.00	14.59 -0.02 -0.16	19.89 0.04 0.00	26.46 0.08 0.00	6.66 -0.01 -0.07	11.44 -0.09 0.00	21.75 -0.20 0.00	4.80 -0.06 0.00	4.31 -0.06 0.00	6.06 -0.09 0.00	4.39 -0.06 0.00	2.42 -0.03 0.00	7.62 -0.09 0.00	16.70 -0.14 0.00	21.84 -0.07 0.00	31.33 0.13 0.00	44.69 0.55 0.00	46.45 0.72 0.00	36.37 0.55 0.00	29.65 0.37 0.00	30.89 0.32 0.00
ONEIDA___115KV_TB4 55905	0.73 -0.01 -1.13	0.28 -0.01 -0.66	21.37 0.29 0.00	4.52 0.06 0.00	14.93 0.17 -0.30	20.13 0.27 0.00	26.72 0.34 0.00	6.77 0.05 -0.13	11.51 -0.01 0.00	21.89 -0.05 0.00	4.83 -0.03 0.00	4.35 -0.02 0.00	6.11 -0.03 0.00	4.44 -0.02 0.00	2.45 0.00 0.00	7.71 0.00 0.00	16.86 0.03 0.00	22.01 0.10 0.00	31.50 0.30 0.00	44.84 0.69 0.00	46.56 0.83 0.00	36.44 0.62 0.00	29.71 0.43 0.00	30.95 0.39 0.00
ONONDAGA_REF_OCCRA 23987	1.73 0.00 -2.12	0.88 0.00 -1.24	20.94 -0.14 0.00	4.43 -0.03 0.00	14.91 -0.11 -0.57	19.70 -0.15 0.00	26.14 -0.24 0.00	6.76 -0.08 -0.24	11.31 -0.21 0.00	21.53 -0.41 0.00	4.75 -0.10 0.00	4.29 -0.08 0.00	6.03 -0.11 0.00	4.38 -0.08 0.00	2.42 -0.03 0.00	7.61 -0.10 0.00	16.62 -0.22 0.00	21.60 -0.31 0.00	30.78 -0.42 0.00	43.61 -0.54 0.00	45.14 -0.59 0.00	35.33 -0.49 0.00	29.26 -0.46 -0.43	30.07 -0.49 0.00
ONONDAGA___COGEN 23986	1.40 0.00 -1.79	0.68 0.00 -1.05	20.87 -0.21 0.00	4.41 -0.05 0.00	14.75 -0.18 -0.48	19.62 -0.23 0.00	26.05 -0.33 0.00	6.70 -0.11 -0.21	11.27 -0.26 0.00	21.45 -0.49 0.00	4.74 -0.12 0.00	4.27 -0.10 0.00	6.00 -0.14 0.00	4.36 -0.10 0.00	2.41 -0.04 0.00	7.58 -0.13 0.00	16.54 -0.30 0.00	21.51 -0.40 0.00	30.66 -0.54 0.00	43.41 -0.73 0.00	44.94 -0.80 0.00	35.18 -0.64 0.00	28.71 -0.57 0.00	29.96 -0.60 0.00
ONTARIO___LFGE 23819	2.37 0.00 -2.76	1.25 0.01 -1.62	20.71 -0.36 0.00	4.38 -0.08 0.00	14.89 -0.29 -0.74	19.48 -0.38 0.00	25.86 -0.52 0.00	6.74 -0.18 -0.32	12.01 -0.44 -0.93	21.09 -0.87 -0.02	4.63 -0.22 0.00	4.19 -0.17 0.00	5.88 -0.26 0.00	4.27 -0.18 0.00	2.37 -0.08 0.00	7.46 -0.25 0.00	16.27 -0.57 0.00	21.12 -0.79 0.00	30.27 -0.93 0.00	43.07 -1.07 0.00	44.45 -1.28 0.00	34.84 -0.98 0.00	26.51 -0.95 1.82	29.59 -0.98 0.00
ORANGEVILLE_WT_PWR 323706	3.22 0.01 -3.60	1.77 0.02 -2.12	19.93 -1.15 0.00	4.22 -0.25 0.00	14.48 -0.94 -0.96	18.58 -1.27 0.00	24.68 -1.69 0.00	6.46 -0.51 -0.38	4.32 -1.04 6.17	19.88 -1.93 0.13	4.39 -0.46 0.00	4.01 -0.35 0.00	5.61 -0.53 0.00	4.08 -0.38 0.00	2.29 -0.16 0.00	7.16 -0.55 0.00	15.56 -1.28 0.00	20.10 -1.81 0.00	28.73 -2.47 0.00	40.78 -3.37 0.00	42.11 -3.62 0.00	32.88 -2.94 0.00	24.67 -2.61 2.00	27.96 -2.61 0.00
ORANGEVILLE___ESR 323794	3.22 0.01 -3.60	1.77 0.02 -2.12	19.93 -1.15 0.00	4.22 -0.25 0.00	14.48 -0.94 -0.96	18.58 -1.27 0.00	24.68 -1.69 0.00	6.46 -0.51 -0.38	4.32 -1.04 6.17	19.88 -1.93 0.13	4.39 -0.46 0.00	4.01 -0.35 0.00	5.61 -0.53 0.00	4.08 -0.38 0.00	2.29 -0.16 0.00	7.16 -0.55 0.00	15.56 -1.28 0.00	20.10 -1.81 0.00	28.73 -2.47 0.00	40.78 -3.37 0.00	42.11 -3.62 0.00	32.88 -2.94 0.00	24.67 -2.61 2.00	27.96 -2.61 0.00
OSWEGATCHIE___HYD 24044	0.12 0.02 -0.49	-0.07 0.01 -0.29	20.21 -0.87 0.00	4.27 -0.18 0.00	13.98 -0.60 -0.13	19.11 -0.74 0.00	25.49 -0.88 0.00	6.39 -0.26 -0.06	11.02 -0.51 0.00	20.92 -1.03 0.00	4.61 -0.24 0.00	4.14 -0.23 0.00	5.81 -0.33 0.00	4.20 -0.26 0.00	2.30 -0.15 0.00	7.22 -0.49 0.00	15.84 -1.00 0.00	20.79 -1.12 0.00	29.94 -1.26 0.00	43.11 -1.04 0.00	45.09 -0.64 0.00	35.50 -0.32 0.00	28.90 -0.38 0.00	30.11 -0.45 0.00
OSWEGO___5 23606	0.80 0.01 -1.18	0.33 0.01 -0.69	20.56 -0.52 0.00	4.35 -0.11 0.00	14.38 -0.38 -0.32	19.34 -0.52 0.00	25.67 -0.71 0.00	6.54 -0.19 -0.14	11.15 -0.38 0.00	21.22 -0.73 0.00	4.68 -0.17 0.00	4.22 -0.15 0.00	5.94 -0.21 0.00	4.31 -0.15 0.00	2.38 -0.07 0.00	7.48 -0.23 0.00	16.32 -0.52 0.00	21.21 -0.70 0.00	30.18 -1.02 0.00	42.72 -1.43 0.00	44.25 -1.49 0.00	34.65 -1.17 0.00	28.30 -0.98 0.00	29.54 -1.03 0.00
OSWEGO___6 23613	0.80 0.01 -1.18	0.33 0.01 -0.69	20.56 -0.52 0.00	4.35 -0.11 0.00	14.38 -0.38 -0.32	19.34 -0.52 0.00	25.67 -0.71 0.00	6.54 -0.19 -0.14	11.15 -0.38 0.00	21.22 -0.73 0.00	4.68 -0.17 0.00	4.22 -0.15 0.00	5.94 -0.21 0.00	4.31 -0.15 0.00	2.38 -0.07 0.00	7.48 -0.23 0.00	16.32 -0.52 0.00	21.21 -0.70 0.00	30.18 -1.02 0.00	42.72 -1.43 0.00	44.25 -1.49 0.00	34.65 -1.17 0.00	28.30 -0.98 0.00	29.54 -1.03 0.00

OUTOKUMPU-AB___DRP 24206	2.64 0.02 -3.01	1.42 0.03 -1.77	19.56 -1.52 0.00	4.13 -0.33 0.00	14.06 -1.20 -0.81	18.23 -1.62 0.00	24.34 -2.04 0.00	6.32 -0.61 -0.34	8.70 -1.21 1.62	19.59 -2.32 0.04	4.33 -0.53 0.00	3.94 -0.42 0.00	5.52 -0.63 0.00	4.01 -0.44 0.00	2.27 -0.18 0.00	7.06 -0.65 0.00	15.30 -1.54 0.00	19.70 -2.20 0.00	28.04 -3.16 0.00	39.70 -4.45 0.00	40.83 -4.91 0.00	32.07 -3.76 0.00	24.67 -3.28 1.34	27.42 -3.15 0.00
OXBOW___BTM 323836	2.61 0.02 -2.98	1.41 0.03 -1.75	19.33 -1.75 0.00	4.09 -0.38 0.00	13.90 -1.35 -0.80	18.02 -1.83 0.00	24.06 -2.32 0.00	6.25 -0.68 -0.33	8.63 -1.32 1.57	19.36 -2.55 0.03	4.27 -0.58 0.00	3.89 -0.47 0.00	5.45 -0.69 0.00	3.97 -0.48 0.00	2.25 -0.20 0.00	7.00 -0.71 0.00	15.15 -1.69 0.00	19.49 -2.42 0.00	27.69 -3.51 0.00	39.03 -5.11 0.00	40.30 -5.44 0.00	31.67 -4.15 0.00	24.35 -3.62 1.31	27.10 -3.47 0.00
OXBOW___ 24026	2.61 0.02 -2.98	1.41 0.03 -1.75	19.34 -1.74 0.00	4.09 -0.38 0.00	13.90 -1.35 -0.80	18.03 -1.83 0.00	24.06 -2.32 0.00	6.25 -0.68 -0.33	8.63 -1.32 1.57	19.36 -2.55 0.03	4.28 -0.58 0.00	3.90 -0.47 0.00	5.45 -0.69 0.00	3.97 -0.48 0.00	2.25 -0.20 0.00	7.00 -0.71 0.00	15.14 -1.70 0.00	19.48 -2.43 0.00	27.70 -3.49 0.00	39.20 -4.95 0.00	40.31 -5.42 0.00	31.68 -4.14 0.00	24.37 -3.60 1.31	27.10 -3.47 0.00
OXY_CHEM_DSASP 323612	2.59 0.02 -2.96	1.39 0.03 -1.74	19.17 -1.92 0.00	4.06 -0.41 0.00	13.77 -1.47 -0.79	17.85 -2.00 0.00	23.85 -2.53 0.00	6.20 -0.73 -0.33	8.59 -1.42 1.52	19.19 -2.73 0.03	4.24 -0.61 0.00	3.86 -0.50 0.00	5.41 -0.74 0.00	3.94 -0.51 0.00	2.24 -0.22 0.00	6.95 -0.75 0.00	15.02 -1.82 0.00	19.29 -2.62 0.00	27.42 -3.78 0.00	38.76 -5.39 0.00	39.84 -5.90 0.00	31.32 -4.50 0.00	24.11 -3.88 1.29	26.82 -3.75 0.00
OZONE_PARK_ESR 323760	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.83 1.75 0.00	4.81 0.35 0.00	20.68 1.10 -5.13	21.34 1.48 0.00	28.18 1.80 0.00	9.31 0.51 -2.21	12.46 0.93 0.00	23.84 1.90 -46.06	51.39 0.48 -4.04	8.84 0.44 0.00	6.80 0.65 0.00	4.96 0.50 0.00	2.75 0.30 0.00	8.71 1.00 0.00	18.89 2.06 0.00	24.36 2.45 0.00	34.22 3.02 0.00	47.70 3.56 0.00	49.10 3.37 0.00	38.40 2.57 0.00	31.56 2.28 0.00	32.89 2.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	2.59 0.02 -2.96	1.39 0.03 -1.74	19.17 -1.92 0.00	4.06 -0.41 0.00	13.77 -1.47 -0.79	17.85 -2.00 0.00	23.85 -2.53 0.00	6.20 -0.73 -0.33	8.59 -1.42 1.52	19.19 -2.73 0.03	4.24 -0.61 0.00	3.86 -0.50 0.00	5.41 -0.74 0.00	3.94 -0.51 0.00	2.24 -0.22 0.00	6.95 -0.75 0.00	15.02 -1.82 0.00	19.29 -2.62 0.00	27.42 -3.78 0.00	38.76 -5.39 0.00	39.84 -5.90 0.00	31.32 -4.50 0.00	24.11 -3.88 1.29	26.82 -3.75 0.00
PACKARD__115KV_DUPONT_184 80571	2.59 0.02 -2.96	1.39 0.03 -1.74	19.17 -1.92 0.00	4.06 -0.41 0.00	13.77 -1.47 -0.79	17.85 -2.00 0.00	23.85 -2.53 0.00	6.20 -0.73 -0.33	8.59 -1.42 1.52	19.19 -2.73 0.03	4.24 -0.61 0.00	3.86 -0.50 0.00	5.41 -0.74 0.00	3.94 -0.51 0.00	2.24 -0.22 0.00	6.95 -0.75 0.00	15.02 -1.82 0.00	19.29 -2.62 0.00	27.42 -3.78 0.00	38.76 -5.39 0.00	39.84 -5.90 0.00	31.32 -4.50 0.00	24.11 -3.88 1.29	26.82 -3.75 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.46 -0.04 -19.88	11.95 -0.03 -12.35	22.61 1.53 0.00	4.76 0.30 0.00	20.53 0.95 -5.13	21.13 1.27 0.00	27.98 1.60 0.00	9.27 0.46 -2.22	12.38 0.85 0.00	23.69 1.74 -0.01	51.30 0.44 -46.01	8.80 0.40 -4.04	6.73 0.59 0.00	4.91 0.46 0.00	2.73 0.28 0.00	8.63 0.92 0.00	18.72 1.88 0.00	24.15 2.24 0.00	33.88 2.68 0.00	47.39 3.25 0.00	48.79 3.06 0.00	38.06 2.24 0.00	31.29 2.01 0.00	32.57 2.00 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.45 -0.04 -19.88	11.94 -0.04 -12.35	23.11 2.03 0.00	4.87 0.40 0.00	20.89 1.31 -5.13	21.65 1.79 0.00	28.60 2.23 0.00	9.45 0.64 -2.22	12.69 1.16 0.00	24.27 2.32 -0.01	51.40 0.54 -46.01	8.88 0.48 -4.04	6.85 0.70 0.00	5.00 0.54 0.00	2.77 0.32 0.00	8.78 1.07 0.00	19.04 2.21 0.00	24.58 2.66 0.00	34.50 3.30 0.00	48.27 4.12 0.00	49.87 4.14 0.00	38.89 3.07 0.00	31.93 2.65 0.00	33.27 2.70 0.00
PATROON__115KV_TB1 80586	23.65 -0.01 -24.05	13.74 -0.01 -14.12	21.71 0.63 0.00	4.59 0.13 0.00	21.30 0.41 -6.44	20.41 0.56 0.00	27.02 0.64 0.00	9.55 0.18 -2.78	11.80 0.27 0.00	22.41 0.46 0.00	10.78 0.10 -5.82	4.94 0.07 -0.51	6.25 0.11 0.00	4.55 0.10 0.00	2.51 0.06 0.00	7.92 0.21 0.00	17.35 0.52 0.00	22.64 0.73 0.00	32.06 0.87 0.00	45.11 0.96 0.00	46.68 0.94 0.00	36.53 0.71 0.00	29.92 0.64 0.00	31.19 0.63 0.00
PATTRSNVILLE___SOLAR 323815	24.79 -0.02 -25.19	14.40 -0.01 -14.79	21.95 0.87 0.00	4.65 0.18 0.00	21.80 0.61 -6.75	20.66 0.80 -0.01	27.36 0.98 0.00	9.71 0.21 -2.91	11.79 0.26 0.00	22.32 0.38 0.00	4.91 0.06 0.00	4.42 0.06 0.00	6.24 0.09 0.00	4.53 0.07 0.00	2.50 0.04 0.00	7.87 0.16 0.00	17.21 0.37 0.00	22.49 0.58 0.00	32.19 0.99 0.00	45.82 1.67 0.00	47.54 1.81 0.00	37.21 1.39 0.00	30.41 1.13 0.00	31.72 1.16 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	2.90 0.01 -3.28	1.58 0.03 -1.92	20.07 -1.01 0.00	4.24 -0.22 0.00	14.51 -0.82 -0.88	18.75 -1.10 0.00	24.95 -1.43 0.00	6.51 -0.45 -0.37	8.94 -0.88 1.70	20.22 -1.69 0.04	4.45 -0.41 0.00	4.06 -0.31 0.00	5.68 -0.47 0.00	4.12 -0.33 0.00	2.32 -0.13 0.00	7.25 -0.46 0.00	15.73 -1.11 0.00	20.28 -1.63 0.00	28.87 -2.33 0.00	40.86 -3.29 0.00	42.05 -3.68 0.00	32.95 -2.87 0.00	25.24 -2.52 1.52	28.19 -2.38 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.03 -0.04 -19.45	11.01 -0.03 -11.42	22.56 1.48 0.00	4.76 0.30 0.00	20.60 0.94 -5.21	21.13 1.27 0.00	27.93 1.55 0.00	9.27 0.43 -2.25	12.30 0.77 0.00	23.49 1.55 0.00	17.86 0.38 -12.63	5.82 0.35 -1.11	6.66 0.52 0.00	4.86 0.40 0.00	2.69 0.24 0.00	8.52 0.81 0.00	18.52 1.69 0.00	23.97 2.06 0.00	33.77 2.58 0.00	47.24 3.09 0.00	48.72 2.98 0.00	38.07 2.25 0.00	31.23 1.94 0.00	32.52 1.95 0.00
PEEKSKILL___ 23653	18.51 -0.04 -18.94	10.71 -0.03 -11.12	22.45 1.37 0.00	4.74 0.27 0.00	20.38 0.85 -5.07	21.00 1.15 0.00	27.75 1.38 0.00	9.17 0.39 -2.19	12.24 0.71 0.00	23.39 1.45 0.00	56.94 0.37 -51.73	9.24 0.34 -4.54	6.65 0.51 0.00	4.85 0.40 0.00	2.69 0.24 0.00	8.52 0.81 0.00	18.50 1.66 0.00	23.86 1.95 0.00	33.58 2.39 0.00	46.93 2.78 0.00	48.32 2.59 0.00	37.78 1.95 0.00	31.04 1.76 0.00	32.34 1.77 0.00
PGE MADISON___WINDPWR 24146	5.62 -0.04 -6.06	3.14 -0.04 -3.56	22.23 1.15 0.00	4.73 0.26 0.00	16.93 0.85 -1.62	20.95 1.10 0.00	27.82 1.44 0.00	7.57 0.28 -0.70	12.22 0.35 -0.34	22.38 0.43 -0.01	4.84 -0.01 0.00	4.41 0.04 0.00	6.18 0.03 0.00	4.47 0.01 0.00	2.47 0.02 0.00	7.81 0.11 0.00	17.19 0.35 0.00	22.70 0.78 0.00	32.97 1.77 0.00	47.31 3.16 0.00	48.97 3.23 0.00	38.17 2.35 0.00	33.22 1.72 -2.21	32.42 1.85 0.00

PIERCEFIELD___HYD 23852	-0.37 0.02 0.00	-0.36 0.01 0.00	20.27 -0.81 0.00	4.30 -0.16 0.00	13.94 -0.51 0.00	19.19 -0.66 0.00	25.61 -0.77 0.00	6.38 -0.22 0.00	11.15 -0.38 0.00	21.18 -0.76 0.00	4.68 -0.17 0.00	4.20 -0.17 0.00	5.89 -0.25 0.00	4.25 -0.21 0.00	2.32 -0.13 0.00	7.25 -0.46 0.00	15.90 -0.94 0.00	20.85 -1.06 0.00	29.97 -1.23 0.00	43.01 -1.14 0.00	45.00 -0.74 0.00	35.55 -0.28 0.00	28.96 -0.32 0.00	30.23 -0.33 0.00
PINELAWN_CC_1 323563	24.95 -0.05 -25.39	20.29 -0.05 -20.71	37.94 2.09 -14.77	11.82 0.42 -6.94	22.81 1.33 -7.03	22.44 1.74 -0.84	28.73 2.05 -0.30	11.31 0.58 -4.15	12.64 0.98 -0.13	25.57 2.05 -1.57	59.66 0.54 -54.27	17.48 0.48 -12.64	8.55 0.69 -1.72	21.70 0.53 -16.72	32.51 0.31 -29.75	30.71 1.01 -21.99	47.86 2.09 -28.93	40.50 2.47 -16.12	50.20 3.04 -15.96	64.57 3.75 -16.68	64.70 3.56 -15.41	47.18 2.77 -8.59	43.38 2.54 -11.55	35.43 2.73 -2.14
PJM_GEN_HTP_PROXY 323702	19.27 -0.04 -19.70	11.66 -0.04 -12.07	22.65 1.57 0.00	4.77 0.31 0.00	20.56 0.98 -5.13	21.17 1.31 0.00	27.96 1.58 0.00	9.26 0.45 -2.21	12.36 0.84 0.00	23.64 1.70 0.00	51.39 0.44 -46.10	8.81 0.40 -4.04	6.74 0.60 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.63 0.93 0.00	18.72 1.88 0.00	24.14 2.23 0.00	33.90 2.71 0.00	47.27 3.12 0.00	48.62 2.89 0.00	38.02 2.20 0.00	31.25 1.97 0.00	32.60 2.03 0.00
PJM_GEN_KEystone 24065	12.25 -0.01 -12.65	6.62 -0.01 -7.00	21.29 0.22 0.00	4.50 0.04 0.00	17.68 0.07 -3.16	19.94 0.09 0.00	26.41 0.03 0.00	7.95 0.00 -1.36	11.12 -0.02 0.39	21.96 0.02 0.01	-59.55 0.01 64.41	-1.24 0.05 5.65	6.21 0.07 0.00	4.53 0.07 0.00	2.52 0.07 0.00	7.94 0.24 0.00	17.24 0.41 0.00	22.19 0.28 0.00	31.34 0.14 0.00	43.93 -0.22 0.00	45.28 -0.45 0.00	35.38 -0.44 0.00	28.18 -0.33 0.77	30.29 -0.27 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.30 -0.05 -19.74	11.77 -0.04 -12.18	24.40 1.80 -1.52	4.25 0.36 0.57	18.48 1.15 -2.88	18.21 1.51 3.15	24.97 1.78 3.19	9.45 0.51 -2.35	11.78 0.88 0.63	22.15 1.87 1.67	50.92 0.49 -45.58	9.35 0.44 -4.54	3.79 0.64 2.99	15.10 0.49 -10.16	23.40 0.29 -20.67	14.66 0.93 -6.03	26.20 1.90 -7.46	24.83 2.19 -0.72	33.90 2.64 -0.05	46.52 3.21 0.83	47.55 2.98 1.15	38.98 2.30 -0.85	32.60 2.13 -1.19	29.77 2.29 3.09
PJM_GEN_VFT_PROXY 323633	-12.96 -0.04 12.53	2.04 -0.03 -2.44	-14.56 1.46 37.10	0.00 0.29 4.75	-14.73 0.90 30.07	0.00 1.20 21.06	0.00 1.45 27.82	0.89 0.42 6.12	11.81 0.79 0.50	23.15 1.61 0.40	16.85 0.42 -11.58	8.79 0.39 -4.04	6.73 0.58 0.00	4.91 0.45 0.00	2.73 0.27 0.00	8.63 0.92 0.00	18.69 1.86 0.00	21.95 2.17 2.13	24.42 2.63 9.41	0.00 3.02 47.17	3.11 2.06 45.33	0.00 1.88 37.88	-28.53 1.88 59.69	-12.22 1.91 44.69
PLATSBURG_115KV_PMLD1 355749	-0.39 -0.01 0.00	-0.37 0.00 0.00	20.93 -0.15 0.00	4.45 -0.02 0.00	14.45 0.00 0.00	20.03 0.17 0.00	26.61 0.23 0.00	6.67 0.08 0.00	11.68 0.15 0.00	22.12 0.17 0.00	4.87 0.01 0.00	4.37 0.00 0.00	6.15 0.01 0.00	4.44 -0.02 0.00	2.43 -0.02 0.00	7.57 -0.13 0.00	16.58 -0.26 0.00	21.76 -0.15 0.00	31.13 -0.06 0.00	44.56 0.41 0.00	46.46 0.73 0.00	36.48 0.66 0.00	29.67 0.39 0.00	30.83 0.26 0.00
PLEASANTVLY___LBMP 24000	19.62 -0.03 -20.04	11.37 -0.03 -11.77	22.34 1.26 0.00	4.72 0.25 0.00	20.61 0.79 -5.37	20.93 1.07 0.00	27.66 1.28 0.00	9.27 0.36 -2.31	12.18 0.65 0.00	23.25 1.31 0.00	21.61 0.33 -16.44	6.11 0.30 -1.44	6.59 0.45 0.00	4.80 0.35 0.00	2.66 0.21 0.00	8.42 0.71 0.00	18.30 1.46 0.00	23.65 1.74 0.00	33.33 2.13 0.00	46.62 2.48 0.00	48.08 2.34 0.00	37.60 1.77 0.00	30.87 1.59 0.00	32.17 1.61 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.06 -0.04 -19.49	11.04 -0.03 -11.44	22.56 1.48 0.00	4.76 0.29 0.00	20.56 0.93 -5.18	21.11 1.25 0.00	27.90 1.52 0.00	9.26 0.43 -2.23	12.31 0.78 0.00	23.52 1.58 0.00	39.25 0.40 -34.00	7.71 0.36 -2.99	6.68 0.54 0.00	4.87 0.42 0.00	2.70 0.25 0.00	8.56 0.85 0.00	18.59 1.75 0.00	24.00 2.09 0.00	33.77 2.57 0.00	47.17 3.03 0.00	48.59 2.86 0.00	37.98 2.16 0.00	31.19 1.91 0.00	32.49 1.93 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.06 -0.04 -19.49	11.04 -0.03 -11.44	22.56 1.48 0.00	4.76 0.29 0.00	20.56 0.93 -5.18	21.11 1.25 0.00	27.90 1.52 0.00	9.26 0.43 -2.23	12.31 0.78 0.00	23.52 1.58 0.00	39.25 0.40 -34.00	7.71 0.36 -2.99	6.68 0.54 0.00	4.87 0.42 0.00	2.70 0.25 0.00	8.56 0.85 0.00	18.59 1.75 0.00	24.00 2.09 0.00	33.77 2.57 0.00	47.17 3.03 0.00	48.59 2.86 0.00	37.98 2.16 0.00	31.19 1.91 0.00	32.49 1.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.12 -0.03 -19.55	11.07 -0.03 -11.48	22.50 1.42 0.00	4.75 0.28 0.00	20.59 0.91 -5.24	21.08 1.23 0.00	27.88 1.50 0.00	9.27 0.42 -2.26	12.26 0.73 0.00	23.38 1.44 0.00	5.20 0.35 0.00	4.68 0.32 0.00	6.61 0.47 0.00	4.82 0.36 0.00	2.67 0.22 0.00	8.44 0.74 0.00	18.39 1.55 0.00	23.83 1.91 0.00	33.64 2.44 0.00	47.11 2.97 0.00	48.60 2.86 0.00	37.99 2.16 0.00	31.15 1.86 0.00	32.43 1.86 0.00
POLETTI____ 23519	19.45 -0.04 -19.88	11.93 -0.04 -12.34	22.67 1.59 0.00	4.78 0.31 0.00	20.57 0.99 -5.13	21.19 1.33 0.00	27.98 1.61 0.00	9.26 0.45 -2.21	12.37 0.84 0.00	23.66 1.72 0.00	51.35 0.44 -46.06	8.81 0.41 -4.04	6.75 0.61 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.94 0.00	18.73 1.89 0.00	24.14 2.23 0.00	33.87 2.68 0.00	47.19 3.04 0.00	48.56 2.82 0.00	37.97 2.15 0.00	31.23 1.95 0.00	32.56 1.99 0.00
POMONA___ESR 323819	18.18 -0.04 -18.61	10.52 -0.03 -10.92	22.45 1.37 0.00	4.74 0.27 0.00	20.28 0.85 -4.98	21.00 1.14 0.00	27.75 1.37 0.00	9.13 0.39 -2.15	12.23 0.70 0.00	23.38 1.44 0.00	-57.18 0.36 62.39	-0.78 0.33 5.48	6.65 0.50 0.00	4.85 0.39 0.00	2.69 0.24 0.00	8.52 0.81 0.00	18.51 1.67 0.00	23.88 1.97 0.00	33.61 2.41 0.00	46.95 2.80 0.00	48.34 2.61 0.00	37.78 1.95 0.00	31.04 1.76 0.00	32.33 1.76 0.00
PORT_JEFF_3 23555	21.45 -0.06 -21.90	14.97 -0.05 -15.40	29.84 2.31 -6.44	7.21 0.46 -2.29	20.42 1.47 -4.50	20.19 1.93 1.58	26.81 2.27 1.84	10.24 0.63 -3.02	12.26 1.07 0.33	23.77 2.23 0.41	54.27 0.58 -48.83	12.47 0.51 -7.59	5.73 0.74 1.15	17.63 0.56 -12.61	26.78 0.33 -23.99	20.76 1.09 -11.96	34.53 2.27 -15.42	31.08 2.69 -6.48	40.51 3.29 -6.02	53.95 4.03 -5.77	54.60 3.77 -5.10	42.50 2.95 -3.73	37.11 2.79 -5.04	32.44 2.99 1.12
PORT_JEFF_4 23616	21.45 -0.06 -21.90	14.97 -0.05 -15.40	29.84 2.31 -6.44	7.21 0.46 -2.29	20.42 1.47 -4.50	20.19 1.93 1.58	26.81 2.27 1.84	10.24 0.63 -3.02	12.26 1.07 0.33	23.77 2.23 0.41	54.27 0.58 -48.83	12.47 0.51 -7.59	5.73 0.74 1.15	17.63 0.56 -12.61	26.78 0.33 -23.99	20.76 1.09 -11.96	34.53 2.27 -15.42	31.08 2.69 -6.48	40.51 3.29 -6.02	53.95 4.03 -5.77	54.60 3.77 -5.10	42.50 2.95 -3.73	37.11 2.79 -5.04	32.44 2.99 1.12

PORT_JEFF_IC 23713	21.58 -0.06 -22.03	15.17 -0.05 -15.59	30.15 2.33 -6.74	7.39 0.47 -2.46	20.53 1.48 -4.60	20.30 1.94 1.49	26.93 2.30 1.76	10.29 0.63 -3.06	12.30 1.09 0.31	23.87 2.26 0.33	54.47 0.58 -49.03	12.65 0.51 -7.77	5.85 0.74 1.04	17.78 0.56 -12.76	26.98 0.34 -24.19	21.13 1.10 -12.32	35.03 2.29 -15.90	31.44 2.71 -6.82	40.84 3.26 -6.38	54.28 3.97 -6.17	54.93 3.73 -5.47	42.65 2.93 -3.90	37.37 2.82 -5.27	32.58 3.01 1.00
PPL PILGRIM_ST_GT1 24216	22.18 -0.06 -22.63	16.06 -0.05 -16.49	31.41 2.22 -8.11	8.17 0.44 -3.26	20.92 1.41 -5.05	20.65 1.85 1.05	27.17 2.17 1.38	10.45 0.61 -3.25	12.33 1.03 0.23	24.13 2.16 -0.02	55.36 0.57 -49.94	13.48 0.50 -8.62	6.34 0.72 0.52	18.43 0.55 -13.43	27.87 0.32 -25.09	22.73 1.06 -13.96	37.14 2.20 -18.10	32.90 2.58 -8.41	42.39 3.17 -8.02	56.00 3.89 -7.96	56.59 3.68 -7.18	43.41 2.89 -4.70	38.30 2.68 -6.34	33.02 2.90 0.45
PPL PILGRIM_ST_GT2 24217	22.18 -0.06 -22.63	16.06 -0.05 -16.49	31.41 2.22 -8.11	8.17 0.44 -3.26	20.92 1.41 -5.05	20.65 1.85 1.05	27.17 2.17 1.38	10.45 0.61 -3.25	12.33 1.03 0.23	24.13 2.16 -0.02	55.36 0.57 -49.94	13.48 0.50 -8.62	6.34 0.72 0.52	18.43 0.55 -13.43	27.87 0.32 -25.09	22.73 1.06 -13.96	37.14 2.20 -18.10	32.90 2.58 -8.41	42.39 3.17 -8.02	56.00 3.89 -7.96	56.59 3.68 -7.18	43.41 2.89 -4.70	38.30 2.68 -6.34	33.02 2.90 0.45
PPL_SHRM_GT3 24213	21.49 -0.06 -21.94	15.03 -0.06 -15.46	30.07 2.45 -6.54	7.30 0.50 -2.34	20.53 1.55 -4.53	20.32 2.02 1.55	26.96 2.39 1.81	10.28 0.66 -3.03	12.32 1.11 0.32	23.87 2.31 0.38	54.35 0.60 -48.90	12.54 0.53 -7.65	5.79 0.76 1.11	17.69 0.58 -12.66	26.85 0.35 -24.05	20.91 1.14 -12.07	34.79 2.38 -15.57	31.36 2.87 -6.59	40.97 3.63 -6.14	54.60 4.56 -5.90	55.17 4.22 -5.22	42.85 3.24 -3.78	37.39 3.00 -5.11	32.68 3.19 1.08
PPL_SHRM_GT4 24214	21.49 -0.06 -21.94	15.03 -0.06 -15.46	30.07 2.45 -6.54	7.30 0.50 -2.34	20.53 1.55 -4.53	20.32 2.02 1.55	26.96 2.39 1.81	10.28 0.66 -3.03	12.32 1.11 0.32	23.87 2.31 0.38	54.35 0.60 -48.90	12.54 0.53 -7.65	5.79 0.76 1.11	17.69 0.58 -12.66	26.85 0.35 -24.05	20.91 1.14 -12.07	34.79 2.38 -15.57	31.36 2.87 -6.59	40.97 3.63 -6.14	54.60 4.56 -5.90	55.17 4.22 -5.22	42.85 3.24 -3.78	37.39 3.00 -5.11	32.68 3.19 1.08
PROJECT___ORANGE 1 24174	1.36 0.00 -1.75	0.66 0.00 -1.03	20.83 -0.25 0.00	4.41 -0.05 0.00	14.72 -0.20 -0.47	19.58 -0.28 0.00	25.99 -0.39 0.00	6.68 -0.12 -0.20	11.25 -0.27 0.00	21.43 -0.51 0.00	4.73 -0.12 0.00	4.27 -0.10 0.00	6.00 -0.14 0.00	4.36 -0.10 0.00	2.41 -0.04 0.00	7.58 -0.13 0.00	16.54 -0.29 0.00	21.49 -0.42 0.00	30.59 -0.60 0.00	43.32 -0.83 0.00	44.83 -0.90 0.00	35.08 -0.74 0.00	28.63 -0.66 0.00	29.88 -0.69 0.00
PROJECT___ORANGE 2 24166	1.36 0.00 -1.75	0.66 0.00 -1.03	20.83 -0.25 0.00	4.41 -0.05 0.00	14.72 -0.20 -0.47	19.58 -0.28 0.00	25.99 -0.39 0.00	6.68 -0.12 -0.20	11.25 -0.27 0.00	21.43 -0.51 0.00	4.73 -0.12 0.00	4.27 -0.10 0.00	6.00 -0.14 0.00	4.36 -0.10 0.00	2.41 -0.04 0.00	7.58 -0.13 0.00	16.54 -0.29 0.00	21.49 -0.42 0.00	30.59 -0.60 0.00	43.32 -0.83 0.00	44.83 -0.90 0.00	35.08 -0.74 0.00	28.63 -0.66 0.00	29.88 -0.69 0.00
PUCKETT___SOLAR 323809	6.11 -0.02 -6.51	3.44 -0.01 -3.82	21.37 0.29 0.00	4.53 0.07 0.00	16.39 0.20 -1.75	20.09 0.23 0.00	26.64 0.26 0.00	7.38 0.03 -0.75	11.52 -0.01 0.00	21.83 -0.11 0.00	4.75 -0.10 0.00	4.33 -0.03 0.00	6.09 -0.06 0.00	4.41 -0.04 0.00	2.44 -0.01 0.00	7.70 -0.01 0.00	16.84 0.00 0.00	21.98 0.07 0.00	31.49 0.29 0.00	44.72 0.58 0.00	46.26 0.53 0.00	36.13 0.30 0.00	29.44 0.16 0.00	30.75 0.18 0.00
PYRITES___HYD 24023	-0.38 0.00 0.00	-0.37 0.00 0.00	20.78 -0.30 0.00	4.41 -0.05 0.00	14.30 -0.15 0.00	19.68 -0.17 0.00	26.24 -0.13 0.00	6.49 -0.10 0.00	11.31 -0.22 0.00	21.47 -0.47 0.00	4.74 -0.11 0.00	4.26 -0.11 0.00	5.97 -0.17 0.00	4.30 -0.15 0.00	2.35 -0.10 0.00	7.34 -0.37 0.00	16.10 -0.74 0.00	21.11 -0.80 0.00	30.38 -0.81 0.00	43.81 -0.34 0.00	46.11 0.38 0.00	36.45 0.63 0.00	29.67 0.38 0.00	30.98 0.41 0.00
QUAKERRD_115KV_BK1 80622	1.90 0.01 -2.27	0.98 0.02 -1.33	19.89 -1.19 0.00	4.21 -0.26 0.00	14.17 -0.90 -0.61	18.64 -1.21 0.00	24.78 -1.60 0.00	6.40 -0.45 -0.26	10.62 -0.91 0.00	20.22 -1.72 0.00	4.46 -0.39 0.00	4.03 -0.33 0.00	5.66 -0.49 0.00	4.11 -0.35 0.00	2.29 -0.16 0.00	7.18 -0.53 0.00	15.64 -1.20 0.00	20.26 -1.65 0.00	28.95 -2.25 0.00	41.08 -3.07 0.00	42.42 -3.31 0.00	33.24 -2.58 0.00	26.24 -2.28 0.76	28.30 -2.27 0.00
QUENSBRY_115KV_TB8 356137	24.13 -0.02 -24.55	14.02 -0.02 -14.41	22.19 1.11 0.00	4.69 0.23 0.00	21.75 0.73 -6.58	20.91 1.05 0.00	27.65 1.28 0.00	9.75 0.32 -2.84	12.01 0.48 0.00	22.63 0.69 0.00	4.96 0.10 0.00	4.44 0.07 0.00	6.28 0.13 0.00	4.59 0.13 0.00	2.53 0.08 0.00	7.99 0.28 0.00	17.58 0.74 0.00	23.09 1.18 0.00	32.98 1.79 0.00	46.77 2.62 0.00	48.51 2.77 0.00	37.92 2.10 0.00	30.90 1.61 0.00	32.05 1.49 0.00
RAMAPO___LBMP 323565	18.05 -0.04 -18.48	10.44 -0.03 -10.85	22.36 1.28 0.00	4.72 0.25 0.00	20.20 0.80 -4.95	20.92 1.06 0.00	27.65 1.28 0.00	9.09 0.36 -2.13	12.18 0.65 0.00	23.29 1.34 0.00	-52.53 0.33 57.71	-0.39 0.31 5.07	6.62 0.47 0.00	4.82 0.37 0.00	2.68 0.23 0.00	8.48 0.77 0.00	18.41 1.58 0.00	23.75 1.84 0.00	33.43 2.24 0.00	46.70 2.56 0.00	48.13 2.40 0.00	37.62 1.79 0.00	30.91 1.63 0.00	32.20 1.63 0.00
RANKINE____ 23646	2.83 0.01 -3.21	1.54 0.02 -1.88	19.86 -1.22 0.00	4.20 -0.27 0.00	14.33 -0.98 -0.86	18.53 -1.32 0.00	24.66 -1.72 0.00	6.43 -0.52 -0.36	8.54 -1.04 1.96	19.96 -1.94 0.04	4.39 -0.46 0.00	4.01 -0.35 0.00	5.61 -0.53 0.00	4.08 -0.38 0.00	2.30 -0.15 0.00	7.17 -0.53 0.00	15.56 -1.28 0.00	20.06 -1.85 0.00	28.55 -2.65 0.00	40.41 -3.74 0.00	41.56 -4.17 0.00	32.58 -3.24 0.00	24.92 -2.87 1.49	27.82 -2.75 0.00
RAVENSWOOD_GT2_1 24244	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.58 1.00 -5.13	21.19 1.34 0.00	28.01 1.63 0.00	9.27 0.47 -2.21	12.39 0.86 0.00	23.69 1.74 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.73 1.89 0.00	24.16 2.24 0.00	33.91 2.72 0.00	47.28 3.13 0.00	48.69 2.96 0.00	38.07 2.25 0.00	31.30 2.02 0.00	32.62 2.06 0.00
RAVENSWOOD_GT2_2 24245	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.58 1.00 -5.13	21.19 1.34 0.00	28.01 1.63 0.00	9.27 0.47 -2.21	12.39 0.86 0.00	23.69 1.74 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.73 1.89 0.00	24.16 2.24 0.00	33.91 2.72 0.00	47.28 3.13 0.00	48.69 2.96 0.00	38.07 2.25 0.00	31.30 2.02 0.00	32.62 2.06 0.00

RAVENSWOOD_GT2_3 24246	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.68 1.60 0.00	4.78 0.31 0.00	20.58 1.00 -5.13	21.20 1.34 0.00	28.02 1.64 0.00	9.27 0.47 -2.21	12.39 0.86 0.00	23.69 1.75 0.00	51.31 0.45 -46.01	8.81 0.40 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.74 1.91 0.00	24.16 2.25 0.00	33.93 2.73 0.00	47.31 3.16 0.00	48.70 2.97 0.00	38.08 2.26 0.00	31.31 2.03 0.00	32.63 2.07 0.00
RAVENSWOOD_GT2_4 24247	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.68 1.60 0.00	4.78 0.31 0.00	20.58 1.00 -5.13	21.20 1.34 0.00	28.02 1.64 0.00	9.27 0.47 -2.21	12.39 0.86 0.00	23.69 1.75 0.00	51.31 0.45 -46.01	8.81 0.40 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.74 1.91 0.00	24.16 2.25 0.00	33.93 2.73 0.00	47.31 3.16 0.00	48.70 2.97 0.00	38.08 2.26 0.00	31.31 2.03 0.00	32.63 2.07 0.00
RAVENSWOOD_GT3_1 24248	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.58 1.00 -5.13	21.19 1.34 0.00	28.01 1.63 0.00	9.27 0.47 -2.21	12.39 0.86 0.00	23.69 1.74 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.73 1.89 0.00	24.16 2.25 0.00	33.91 2.72 0.00	47.29 3.14 0.00	48.69 2.96 0.00	38.07 2.25 0.00	31.30 2.02 0.00	32.62 2.06 0.00
RAVENSWOOD_GT3_2 24249	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.58 1.00 -5.13	21.19 1.34 0.00	28.01 1.63 0.00	9.27 0.47 -2.21	12.39 0.86 0.00	23.69 1.74 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.73 1.89 0.00	24.16 2.25 0.00	33.91 2.72 0.00	47.29 3.14 0.00	48.69 2.96 0.00	38.07 2.25 0.00	31.30 2.02 0.00	32.62 2.06 0.00
RAVENSWOOD_GT3_3 24250	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.70 1.62 0.00	4.78 0.32 0.00	20.59 1.01 -5.13	21.22 1.36 0.00	28.04 1.66 0.00	9.28 0.47 -2.21	12.40 0.87 0.00	23.71 1.77 0.00	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.61 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.76 1.92 0.00	24.18 2.27 0.00	33.96 2.76 0.00	47.36 3.21 0.00	48.76 3.02 0.00	38.12 2.30 0.00	31.34 2.06 0.00	32.66 2.10 0.00
RAVENSWOOD_GT3_4 24251	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.70 1.62 0.00	4.78 0.32 0.00	20.59 1.01 -5.13	21.22 1.36 0.00	28.04 1.66 0.00	9.28 0.47 -2.21	12.40 0.87 0.00	23.71 1.77 0.00	51.32 0.45 -46.01	8.81 0.41 -4.04	6.75 0.61 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.76 1.92 0.00	24.18 2.27 0.00	33.96 2.76 0.00	47.36 3.21 0.00	48.76 3.02 0.00	38.12 2.30 0.00	31.34 2.06 0.00	32.66 2.10 0.00
RAVENSWOOD_GT_1 23729	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.73 1.65 0.00	4.79 0.32 0.00	20.61 1.02 -5.13	21.24 1.38 0.00	28.08 1.70 0.00	9.30 0.49 -2.22	12.43 0.90 0.00	23.78 1.83 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.67 0.96 0.00	18.81 1.97 0.00	27.11 2.34 -2.86	37.52 2.78 -3.54	47.83 3.24 -0.44	48.82 3.09 0.00	40.97 2.35 -2.80	34.74 2.11 -3.34	35.16 2.12 -2.47
RAVENSWOOD_GT_10 24258	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.58 1.00 -5.13	21.19 1.34 0.00	28.00 1.63 0.00	9.27 0.47 -2.21	12.38 0.86 0.00	23.69 1.74 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.73 1.89 0.00	24.48 2.24 -0.33	34.32 2.71 -0.41	47.33 3.13 -0.05	48.68 2.95 0.00	38.39 2.25 -0.32	31.68 2.02 -0.39	32.91 2.06 -0.28
RAVENSWOOD_GT_11 24259	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.58 1.00 -5.13	21.19 1.34 0.00	28.00 1.63 0.00	9.27 0.47 -2.21	12.38 0.86 0.00	23.69 1.74 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.73 1.89 0.00	24.48 2.24 -0.33	34.32 2.71 -0.41	47.33 3.13 -0.05	48.68 2.95 0.00	38.39 2.25 -0.32	31.68 2.02 -0.39	32.91 2.06 -0.28
RAVENSWOOD_GT_4 24252	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.57 0.99 -5.13	21.19 1.33 0.00	27.99 1.62 0.00	9.26 0.46 -2.21	12.38 0.85 0.00	23.67 1.73 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.59 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.63 0.93 0.00	18.73 1.89 0.00	26.32 2.23 -2.18	36.61 2.71 -2.70	47.61 3.13 -0.34	48.67 2.93 0.00	40.20 2.24 -2.13	33.84 2.02 -2.54	34.50 2.06 -1.88
RAVENSWOOD_GT_5 24254	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.57 0.99 -5.13	21.19 1.33 0.00	27.99 1.62 0.00	9.26 0.46 -2.21	12.38 0.85 0.00	23.67 1.73 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.59 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.63 0.93 0.00	18.73 1.89 0.00	26.32 2.23 -2.18	36.61 2.71 -2.70	47.61 3.13 -0.34	48.67 2.93 0.00	40.20 2.24 -2.13	33.84 2.02 -2.54	34.50 2.06 -1.88
RAVENSWOOD_GT_6 24253	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.57 0.99 -5.13	21.19 1.33 0.00	27.99 1.62 0.00	9.26 0.46 -2.21	12.38 0.85 0.00	23.67 1.73 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.59 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.63 0.93 0.00	18.73 1.89 0.00	26.32 2.23 -2.18	36.61 2.71 -2.70	47.61 3.13 -0.34	48.67 2.93 0.00	40.20 2.24 -2.13	33.84 2.02 -2.54	34.50 2.06 -1.88
RAVENSWOOD_GT_7 24255	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.57 0.99 -5.13	21.19 1.33 0.00	27.99 1.62 0.00	9.26 0.46 -2.21	12.38 0.85 0.00	23.67 1.73 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.59 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.63 0.93 0.00	18.73 1.89 0.00	26.32 2.23 -2.18	36.61 2.71 -2.70	47.61 3.13 -0.34	48.67 2.93 0.00	40.20 2.24 -2.13	33.84 2.02 -2.54	34.50 2.06 -1.88
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.58 1.00 -5.13	21.19 1.34 0.00	28.00 1.63 0.00	9.27 0.47 -2.21	12.38 0.86 0.00	23.69 1.74 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.73 1.89 0.00	24.48 2.24 -0.33	34.32 2.71 -0.41	47.33 3.13 -0.05	48.68 2.95 0.00	38.39 2.25 -0.32	31.68 2.02 -0.39	32.91 2.06 -0.28
RAVENSWOOD_GT_9 24257	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.67 1.59 0.00	4.78 0.31 0.00	20.58 1.00 -5.13	21.19 1.34 0.00	28.00 1.63 0.00	9.27 0.47 -2.21	12.38 0.86 0.00	23.69 1.74 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.73 1.89 0.00	24.48 2.24 -0.33	34.32 2.71 -0.41	47.33 3.13 -0.05	48.68 2.95 0.00	38.39 2.25 -0.32	31.68 2.02 -0.39	32.91 2.06 -0.28

RAVENSWOOD___1 23533	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.38 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.81 0.41 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.94 0.00	21.40 2.30 2.81	30.46 2.75 3.49	46.90 3.19 0.44	48.73 3.00 0.00	35.35 2.29 2.76	28.06 2.06 3.29	30.21 2.08 2.43
RAVENSWOOD___2 23534	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.38 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.81 0.41 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.94 0.00	21.40 2.30 2.81	30.46 2.75 3.49	46.90 3.19 0.44	48.73 3.00 0.00	35.35 2.29 2.76	28.06 2.06 3.29	30.21 2.08 2.43
RAVENSWOOD___3 23535	19.61 -0.04 -20.04	12.18 -0.04 -12.59	22.68 1.60 0.00	4.78 0.31 0.00	20.58 0.99 -5.13	21.20 1.34 0.00	28.01 1.63 0.00	9.27 0.47 -2.21	12.39 0.86 0.00	23.69 1.74 0.00	51.31 0.44 -46.01	8.80 0.40 -4.04	6.74 0.60 0.00	4.92 0.47 0.00	2.73 0.28 0.00	8.64 0.93 0.00	18.73 1.90 0.00	24.15 2.25 0.00	33.92 2.73 0.00	47.31 3.16 0.00	48.69 2.96 0.00	38.08 2.25 0.00	31.30 2.02 0.00	32.62 2.06 0.00
RAVENSWOOD___4 23820	19.61 -0.04 -20.04	12.19 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.38 0.00	28.07 1.69 0.00	9.29 0.48 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.81 0.41 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.94 0.00	21.40 2.30 2.81	30.46 2.75 3.49	46.90 3.19 0.44	48.73 3.00 0.00	35.35 2.29 2.76	28.06 2.06 3.29	30.21 2.08 2.43
RCPL_TRUST___DRP 24196	19.27 -0.04 -19.70	11.66 -0.04 -12.07	22.65 1.57 0.00	4.77 0.31 0.00	20.55 0.97 -5.13	21.17 1.31 0.00	27.96 1.58 0.00	9.26 0.45 -2.21	12.36 0.83 0.00	23.64 1.70 0.00	51.39 0.44 -46.10	8.81 0.40 -4.04	6.74 0.60 0.00	4.92 0.46 0.00	2.73 0.28 0.00	8.63 0.93 0.00	18.72 1.88 0.00	24.13 2.23 0.00	33.89 2.69 0.00	47.24 3.09 0.00	48.61 2.88 0.00	38.02 2.20 0.00	31.25 1.97 0.00	32.60 2.03 0.00
RED___ROCHESTER 323720	1.98 0.00 -2.36	1.02 0.01 -1.39	20.26 -0.82 0.00	4.28 -0.18 0.00	14.42 -0.66 -0.63	18.97 -0.89 0.00	25.23 -1.15 0.00	6.51 -0.36 -0.27	10.77 -0.76 0.00	20.52 -1.43 0.00	4.52 -0.33 0.00	4.10 -0.27 0.00	5.75 -0.39 0.00	4.17 -0.28 0.00	2.33 -0.12 0.00	7.30 -0.41 0.00	15.91 -0.93 0.00	20.59 -1.32 0.00	29.43 -1.77 0.00	41.70 -2.45 0.00	43.15 -2.58 0.00	33.84 -1.98 0.00	26.59 -1.83 0.86	28.80 -1.77 0.00
REGAN___SOLAR 323812	25.96 -0.03 -26.38	15.09 -0.02 -15.49	22.33 1.26 0.00	4.74 0.27 0.00	22.41 0.89 -7.07	21.05 1.19 -0.01	27.82 1.45 0.00	9.87 0.23 -3.05	11.61 0.08 0.00	21.87 -0.08 0.00	4.72 -0.13 0.00	4.33 -0.04 0.00	6.11 -0.03 0.00	4.42 -0.03 0.00	2.44 -0.02 0.00	7.68 -0.03 0.00	16.79 -0.05 0.00	22.01 0.10 0.00	32.11 0.91 0.00	46.68 2.53 0.00	48.71 2.98 0.00	38.14 2.32 0.00	31.08 1.79 0.00	32.39 1.82 0.00
RENSSELAER___COGEN 23796	23.44 -0.01 -23.84	13.62 -0.01 -14.00	21.63 0.54 0.00	4.57 0.11 0.00	21.19 0.35 -6.39	20.33 0.47 0.00	26.92 0.54 0.00	9.50 0.15 -2.76	11.76 0.24 0.00	22.34 0.39 0.00	10.82 0.09 -5.88	4.94 0.06 -0.52	6.24 0.09 0.00	4.54 0.08 0.00	2.51 0.05 0.00	7.89 0.19 0.00	17.29 0.45 0.00	22.54 0.62 0.00	31.90 0.70 0.00	44.88 0.73 0.00	46.43 0.69 0.00	36.35 0.53 0.00	29.79 0.51 0.00	31.07 0.50 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.12 -0.02 -24.53	14.00 -0.03 -14.40	22.53 1.45 0.00	4.76 0.30 0.00	21.98 0.96 -6.57	21.29 1.43 0.00	28.04 1.66 0.00	9.85 0.43 -2.83	12.18 0.65 0.00	22.71 0.77 0.00	4.97 0.11 0.00	4.43 0.07 0.00	6.32 0.18 0.00	4.68 0.22 0.00	2.57 0.12 0.00	8.12 0.42 0.00	17.99 1.15 0.00	23.66 1.74 0.00	33.67 2.47 0.00	47.67 3.52 0.00	49.81 4.08 0.00	38.98 3.16 0.00	31.68 2.39 0.00	32.63 2.06 0.00
REVERE_CPPR_DRP 24186	0.56 -0.01 -0.96	0.18 -0.01 -0.56	21.46 0.38 0.00	4.54 0.08 0.00	14.93 0.23 -0.26	20.21 0.36 0.00	26.85 0.47 0.00	6.78 0.07 -0.11	11.55 0.02 0.00	21.93 -0.01 0.00	4.83 -0.02 0.00	4.35 -0.02 0.00	6.11 -0.03 0.00	4.43 -0.02 0.00	2.45 0.00 0.00	7.70 0.00 0.00	16.87 0.03 0.00	22.08 0.17 0.00	31.73 0.53 0.00	45.28 1.13 0.00	47.01 1.28 0.00	36.78 0.96 0.00	29.97 0.69 0.00	31.21 0.65 0.00
REYNLDPA_13_KV_LD 356490	-0.39 0.00 0.00	-0.37 0.00 0.00	20.97 -0.11 0.00	4.45 -0.01 0.00	14.42 -0.03 0.00	19.82 -0.04 0.00	26.43 0.05 0.00	6.60 0.01 0.00	11.59 0.06 0.00	22.03 0.09 0.00	4.87 0.02 0.00	4.38 0.01 0.00	6.15 0.01 0.00	4.44 -0.02 0.00	2.43 -0.03 0.00	7.59 -0.12 0.00	16.62 -0.22 0.00	21.71 -0.20 0.00	31.10 -0.09 0.00	44.30 0.15 0.00	46.05 0.32 0.00	36.17 0.35 0.00	29.52 0.23 0.00	30.86 0.30 0.00
REYNOLDS_115KV_TB3 80639	23.50 -0.01 -23.90	13.65 -0.01 -14.03	21.79 0.71 0.00	4.61 0.14 0.00	21.31 0.45 -6.40	20.48 0.62 0.00	27.10 0.72 0.00	9.56 0.21 -2.76	11.85 0.32 0.00	22.49 0.55 0.00	10.98 0.11 -6.01	4.97 0.07 -0.53	6.26 0.12 0.00	4.56 0.11 0.00	2.52 0.07 0.00	7.93 0.23 0.00	17.38 0.54 0.00	22.67 0.76 0.00	32.08 0.88 0.00	45.16 1.01 0.00	46.72 0.99 0.00	36.60 0.78 0.00	29.97 0.69 0.00	31.27 0.70 0.00
RIVERBAY____ 323610	19.45 -0.04 -19.88	11.94 -0.04 -12.35	23.11 2.03 0.00	4.87 0.40 0.00	20.89 1.31 -5.13	21.65 1.79 0.00	28.60 2.23 0.00	9.45 0.64 -2.22	12.69 1.16 0.00	24.27 2.32 -0.01	51.40 0.54 -46.01	8.88 0.48 -4.04	6.85 0.70 0.00	5.00 0.54 0.00	2.77 0.32 0.00	8.78 1.07 0.00	19.04 2.21 0.00	24.58 2.66 0.00	34.50 3.30 0.00	48.27 4.12 0.00	49.87 4.14 0.00	38.89 3.07 0.00	31.93 2.65 0.00	33.27 2.70 0.00
RIVERSDE_115KV_TB3 55908	23.54 -0.01 -23.94	13.68 -0.01 -14.05	21.71 0.63 0.00	4.59 0.13 0.00	21.27 0.40 -6.41	20.41 0.55 0.00	27.02 0.64 0.00	9.54 0.19 -2.77	11.81 0.28 0.00	22.42 0.48 0.00	10.88 0.10 -5.93	4.95 0.07 -0.52	6.25 0.11 0.00	4.55 0.10 0.00	2.51 0.06 0.00	7.91 0.21 0.00	17.34 0.50 0.00	22.62 0.71 0.00	32.00 0.81 0.00	45.04 0.89 0.00	46.60 0.87 0.00	36.50 0.67 0.00	29.89 0.61 0.00	31.18 0.61 0.00
ROARING___BROOK_WT_PWR 323790	-0.38 0.01 0.00	-0.36 0.01 0.00	20.81 -0.26 0.00	4.40 -0.07 0.00	14.21 -0.24 0.00	19.54 -0.31 0.00	26.06 -0.32 0.00	6.53 -0.07 0.00	11.48 -0.05 0.00	21.88 -0.06 0.00	4.83 -0.02 0.00	4.34 -0.03 0.00	6.11 -0.04 0.00	4.42 -0.04 0.00	2.43 -0.02 0.00	7.61 -0.10 0.00	16.67 -0.17 0.00	21.74 -0.17 0.00	31.03 -0.17 0.00	44.01 -0.13 0.00	45.67 -0.06 0.00	35.81 -0.01 0.00	29.25 -0.03 0.00	30.55 -0.02 0.00

ROCHESRG_115KV_T4 355643	1.96 0.01 -2.35	1.02 0.01 -1.38	20.11 -0.98 0.00	4.25 -0.21 0.00	14.31 -0.77 -0.63	18.82 -1.03 0.00	25.04 -1.34 0.00	6.46 -0.40 -0.27	10.42 -0.83 0.28	20.37 -1.56 0.01	4.49 -0.36 0.00	4.07 -0.30 0.00	5.71 -0.43 0.00	4.15 -0.31 0.00	2.32 -0.13 0.00	7.25 -0.46 0.00	15.79 -1.05 0.00	20.43 -1.48 0.00	29.15 -2.05 0.00	41.35 -2.80 0.00	42.70 -3.03 0.00	33.47 -2.35 0.00	26.33 -2.10 0.85	28.52 -2.04 0.00
ROCHESTER_9_IC 23652	1.98 0.01 -2.36	1.03 0.01 -1.39	20.18 -0.90 0.00	4.27 -0.19 0.00	14.38 -0.71 -0.63	18.90 -0.96 0.00	25.14 -1.24 0.00	6.49 -0.38 -0.27	10.73 -0.80 0.00	20.45 -1.50 0.00	4.51 -0.34 0.00	4.08 -0.28 0.00	5.73 -0.41 0.00	4.16 -0.30 0.00	2.32 -0.13 0.00	7.27 -0.44 0.00	15.85 -0.99 0.00	20.51 -1.40 0.00	29.29 -1.90 0.00	41.57 -2.58 0.00	42.94 -2.79 0.00	33.66 -2.16 0.00	26.46 -1.96 0.86	28.67 -1.90 0.00
ROCKVIEW_13_KV_LD 356306	18.72 -0.04 -19.15	10.83 -0.04 -11.24	22.65 1.57 0.00	4.77 0.31 0.00	20.55 0.97 -5.13	21.17 1.31 0.00	27.94 1.56 0.00	9.25 0.44 -2.21	12.34 0.81 0.00	23.60 1.66 0.00	51.26 0.42 -45.98	8.79 0.39 -4.04	6.72 0.57 0.00	4.90 0.45 0.00	2.72 0.27 0.00	8.61 0.90 0.00	18.69 1.85 0.00	24.10 2.19 0.00	33.89 2.69 0.00	47.29 3.14 0.00	48.72 2.98 0.00	38.09 2.27 0.00	31.30 2.02 0.00	32.63 2.06 0.00
ROME____115KV_TB2 80656	0.56 -0.01 -0.96	0.18 -0.01 -0.56	21.46 0.38 0.00	4.54 0.08 0.00	14.93 0.23 -0.26	20.21 0.36 0.00	26.85 0.47 0.00	6.78 0.07 -0.11	11.55 0.02 0.00	21.93 -0.01 0.00	4.83 -0.02 0.00	4.35 -0.02 0.00	6.11 -0.03 0.00	4.43 -0.02 0.00	2.45 0.00 0.00	7.70 0.00 0.00	16.87 0.03 0.00	22.08 0.17 0.00	31.73 0.53 0.00	45.28 1.13 0.00	47.01 1.28 0.00	36.78 0.96 0.00	29.97 0.69 0.00	31.21 0.65 0.00
ROSETON___1 23587	18.84 -0.03 -19.27	10.91 -0.03 -11.31	22.30 1.22 0.00	4.70 0.24 0.00	20.38 0.77 -5.16	20.89 1.03 0.00	27.61 1.24 0.00	9.17 0.35 -2.22	12.15 0.63 0.00	23.21 1.26 0.00	5.16 0.31 0.00	4.65 0.29 0.00	6.57 0.43 0.00	4.79 0.34 0.00	2.65 0.20 0.00	8.39 0.69 0.00	18.25 1.41 0.00	23.60 1.69 0.00	33.26 2.07 0.00	46.56 2.41 0.00	48.00 2.27 0.00	37.53 1.71 0.00	30.81 1.53 0.00	32.11 1.55 0.00
ROSETON___2 23588	18.84 -0.03 -19.27	10.91 -0.03 -11.31	22.30 1.22 0.00	4.70 0.24 0.00	20.38 0.77 -5.16	20.89 1.03 0.00	27.61 1.24 0.00	9.17 0.35 -2.22	12.15 0.63 0.00	23.21 1.26 0.00	5.16 0.31 0.00	4.65 0.29 0.00	6.57 0.43 0.00	4.79 0.34 0.00	2.65 0.20 0.00	8.39 0.69 0.00	18.25 1.41 0.00	23.60 1.69 0.00	33.26 2.07 0.00	46.56 2.41 0.00	48.00 2.27 0.00	37.53 1.71 0.00	30.81 1.53 0.00	32.11 1.55 0.00
ROTRDAM_115KV_TB3 80664	24.34 -0.01 -24.74	14.14 -0.01 -14.52	21.83 0.75 0.00	4.62 0.15 0.00	21.58 0.51 -6.63	20.54 0.68 -0.01	27.21 0.83 0.00	9.66 0.21 -2.86	11.85 0.32 0.00	22.49 0.55 0.00	4.96 0.11 0.00	4.46 0.09 0.00	6.28 0.14 0.00	4.57 0.11 0.00	2.52 0.07 0.00	7.94 0.23 0.00	17.37 0.53 0.00	22.65 0.74 0.00	32.23 1.03 0.00	45.56 1.42 0.00	47.17 1.44 0.00	36.92 1.10 0.00	30.20 0.92 0.00	31.49 0.92 0.00
RUSSELL___1 23602	1.98 0.00 -2.36	1.02 0.01 -1.39	20.26 -0.82 0.00	4.28 -0.18 0.00	14.42 -0.66 -0.63	18.97 -0.89 0.00	25.23 -1.15 0.00	6.51 -0.36 -0.27	10.77 -0.76 0.00	20.53 -1.42 0.00	4.53 -0.33 0.00	4.10 -0.27 0.00	5.75 -0.40 0.00	4.17 -0.28 0.00	2.33 -0.12 0.00	7.30 -0.41 0.00	15.91 -0.93 0.00	20.59 -1.32 0.00	29.44 -1.75 0.00	41.80 -2.34 0.00	43.16 -2.57 0.00	33.84 -1.98 0.00	26.60 -1.82 0.86	28.80 -1.77 0.00
RUSSELL___2 23532	1.98 0.00 -2.36	1.02 0.01 -1.39	20.26 -0.82 0.00	4.28 -0.18 0.00	14.42 -0.66 -0.63	18.97 -0.89 0.00	25.23 -1.15 0.00	6.51 -0.36 -0.27	10.77 -0.76 0.00	20.53 -1.42 0.00	4.53 -0.33 0.00	4.10 -0.27 0.00	5.75 -0.40 0.00	4.17 -0.28 0.00	2.33 -0.12 0.00	7.30 -0.41 0.00	15.91 -0.93 0.00	20.59 -1.32 0.00	29.44 -1.75 0.00	41.80 -2.34 0.00	43.16 -2.57 0.00	33.84 -1.98 0.00	26.60 -1.82 0.86	28.80 -1.77 0.00
RUSSELL___3 23549	1.98 0.00 -2.36	1.02 0.01 -1.39	20.26 -0.82 0.00	4.28 -0.18 0.00	14.42 -0.66 -0.63	18.97 -0.89 0.00	25.23 -1.15 0.00	6.51 -0.36 -0.27	10.77 -0.76 0.00	20.53 -1.42 0.00	4.53 -0.33 0.00	4.10 -0.27 0.00	5.75 -0.40 0.00	4.17 -0.28 0.00	2.33 -0.12 0.00	7.30 -0.41 0.00	15.91 -0.93 0.00	20.59 -1.32 0.00	29.44 -1.75 0.00	41.80 -2.34 0.00	43.16 -2.57 0.00	33.84 -1.98 0.00	26.60 -1.82 0.86	28.80 -1.77 0.00
RUSSELL___4 23556	1.98 0.00 -2.36	1.02 0.01 -1.39	20.26 -0.82 0.00	4.28 -0.18 0.00	14.42 -0.66 -0.63	18.97 -0.89 0.00	25.23 -1.15 0.00	6.51 -0.36 -0.27	10.77 -0.76 0.00	20.53 -1.42 0.00	4.53 -0.33 0.00	4.10 -0.27 0.00	5.75 -0.40 0.00	4.17 -0.28 0.00	2.33 -0.12 0.00	7.30 -0.41 0.00	15.91 -0.93 0.00	20.59 -1.32 0.00	29.44 -1.75 0.00	41.80 -2.34 0.00	43.16 -2.57 0.00	33.84 -1.98 0.00	26.60 -1.82 0.86	28.80 -1.77 0.00
RUSSELL___STATION 23914	1.98 0.00 -2.36	1.02 0.01 -1.39	20.26 -0.82 0.00	4.28 -0.18 0.00	14.42 -0.66 -0.63	18.97 -0.89 0.00	25.23 -1.15 0.00	6.51 -0.36 -0.27	10.77 -0.76 0.00	20.53 -1.42 0.00	4.53 -0.33 0.00	4.10 -0.27 0.00	5.75 -0.40 0.00	4.17 -0.28 0.00	2.33 -0.12 0.00	7.30 -0.41 0.00	15.91 -0.93 0.00	20.59 -1.32 0.00	29.44 -1.75 0.00	41.80 -2.34 0.00	43.16 -2.57 0.00	33.84 -1.98 0.00	26.60 -1.82 0.86	28.80 -1.77 0.00
S SALMON___HYD 24043	0.96 0.01 -1.34	0.42 0.01 -0.78	20.56 -0.52 0.00	4.35 -0.11 0.00	14.43 -0.38 -0.36	19.35 -0.50 0.00	25.69 -0.69 0.00	6.54 -0.21 -0.15	11.07 -0.46 0.00	21.06 -0.89 0.00	4.64 -0.21 0.00	4.18 -0.19 0.00	5.87 -0.27 0.00	4.26 -0.20 0.00	2.35 -0.10 0.00	7.40 -0.31 0.00	16.16 -0.68 0.00	21.07 -0.84 0.00	30.14 -1.06 0.00	43.07 -1.08 0.00	44.82 -0.91 0.00	35.16 -0.66 0.00	28.68 -0.60 0.00	29.89 -0.68 0.00
S.PERRY__115KV_TB1 80734	2.99 0.00 -3.38	1.62 0.01 -1.99	20.68 -0.40 0.00	4.37 -0.09 0.00	14.99 -0.37 -0.91	19.39 -0.46 0.00	25.81 -0.57 0.00	6.76 -0.26 -0.43	17.15 -0.71 -6.34	20.73 -1.36 -0.14	4.53 -0.33 0.00	4.11 -0.25 0.00	5.77 -0.38 0.00	4.18 -0.27 0.00	2.34 -0.11 0.00	7.33 -0.38 0.00	15.99 -0.85 0.00	20.72 -1.20 0.00	29.71 -1.49 0.00	42.60 -1.54 0.00	44.39 -1.35 0.00	34.75 -1.07 0.00	25.98 -1.15 2.16	29.42 -1.14 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	2.70 0.01 -3.07	1.46 0.03 -1.80	19.62 -1.46 0.00	4.14 -0.32 0.00	14.13 -1.15 -0.82	18.29 -1.56 0.00	24.37 -2.01 0.00	6.34 -0.59 -0.34	8.48 -1.18 1.87	19.68 -2.22 0.04	4.34 -0.51 0.00	3.96 -0.41 0.00	5.54 -0.61 0.00	4.02 -0.43 0.00	2.27 -0.18 0.00	7.08 -0.63 0.00	15.36 -1.48 0.00	19.78 -2.13 0.00	28.14 -3.06 0.00	39.82 -4.33 0.00	40.94 -4.79 0.00	32.14 -3.69 0.00	24.65 -3.24 1.39	27.47 -3.10 0.00

SAWYER___23_KV_LOAD 55526	2.70 0.01 -3.07	1.46 0.03 -1.80	19.62 -1.46 0.00	4.14 -0.32 0.00	14.13 -1.15 -0.82	18.29 -1.56 0.00	24.37 -2.01 0.00	6.34 -0.59 -0.34	8.48 -1.18 1.87	19.68 -2.22 0.04	4.34 -0.51 0.00	3.96 -0.41 0.00	5.54 -0.61 0.00	4.02 -0.43 0.00	2.27 -0.18 0.00	7.08 -0.63 0.00	15.36 -1.48 0.00	19.78 -2.13 0.00	28.14 -3.06 0.00	39.82 -4.33 0.00	40.94 -4.79 0.00	32.14 -3.69 0.00	24.65 -3.24 1.39	27.47 -3.10 0.00
SELKIRK___I 23801	23.08 -0.01 -23.49	13.40 -0.01 -13.79	21.79 0.71 0.00	4.61 0.14 0.00	21.20 0.46 -6.29	20.49 0.63 0.00	27.12 0.74 0.00	9.49 0.18 -2.71	11.78 0.25 0.00	22.38 0.44 0.00	4.94 0.09 0.00	4.43 0.07 0.00	6.25 0.10 0.00	4.54 0.08 0.00	2.50 0.05 0.00	7.89 0.18 0.00	17.28 0.44 0.00	22.53 0.62 0.00	32.05 0.85 0.00	45.25 1.10 0.00	46.81 1.08 0.00	36.64 0.82 0.00	30.00 0.72 0.00	31.29 0.73 0.00
SELKIRK___II 23799	23.33 -0.01 -23.73	13.55 -0.01 -13.93	21.69 0.61 0.00	4.59 0.12 0.00	21.20 0.39 -6.35	20.40 0.54 0.00	27.00 0.62 0.00	9.51 0.18 -2.74	11.80 0.27 0.00	22.44 0.50 0.00	10.70 0.11 -5.73	4.95 0.08 -0.50	6.27 0.13 0.00	4.57 0.11 0.00	2.52 0.07 0.00	7.94 0.23 0.00	17.36 0.52 0.00	22.61 0.69 0.00	32.02 0.82 0.00	45.08 0.93 0.00	46.63 0.90 0.00	36.50 0.68 0.00	29.91 0.63 0.00	31.18 0.62 0.00
SENECA OSWGO___HYD 24041	1.06 0.01 -1.44	0.48 0.01 -0.85	20.57 -0.51 0.00	4.36 -0.11 0.00	14.47 -0.37 -0.39	19.35 -0.51 0.00	25.68 -0.69 0.00	6.57 -0.20 -0.17	11.12 -0.41 0.00	21.16 -0.78 0.00	4.67 -0.18 0.00	4.21 -0.16 0.00	5.93 -0.22 0.00	4.30 -0.16 0.00	2.37 -0.08 0.00	7.47 -0.24 0.00	16.31 -0.53 0.00	21.20 -0.71 0.00	30.19 -1.01 0.00	42.76 -1.39 0.00	44.33 -1.40 0.00	34.71 -1.11 0.00	28.32 -0.96 0.00	29.56 -1.01 0.00
SENECA___115KV_TB3 355854	2.83 0.01 -3.21	1.54 0.03 -1.88	19.88 -1.19 0.00	4.20 -0.26 0.00	14.35 -0.96 -0.86	18.55 -1.30 0.00	24.69 -1.69 0.00	6.44 -0.51 -0.36	8.55 -1.02 1.96	19.99 -1.91 0.04	4.40 -0.45 0.00	4.02 -0.35 0.00	5.62 -0.53 0.00	4.08 -0.37 0.00	2.31 -0.15 0.00	7.18 -0.53 0.00	15.58 -1.26 0.00	20.08 -1.83 0.00	28.59 -2.61 0.00	40.47 -3.68 0.00	41.63 -4.11 0.00	32.62 -3.20 0.00	24.96 -2.83 1.49	27.85 -2.72 0.00
SENECA___ENERGY 23797	1.96 0.01 -2.35	1.01 0.01 -1.38	20.61 -0.47 0.00	4.36 -0.10 0.00	14.70 -0.38 -0.63	19.38 -0.48 0.00	25.72 -0.66 0.00	6.67 -0.20 -0.27	11.51 -0.44 -0.43	21.10 -0.85 -0.01	4.64 -0.21 0.00	4.20 -0.17 0.00	5.89 -0.25 0.00	4.28 -0.18 0.00	2.37 -0.08 0.00	7.46 -0.25 0.00	16.25 -0.58 0.00	21.13 -0.78 0.00	30.19 -1.01 0.00	42.84 -1.30 0.00	44.28 -1.46 0.00	34.68 -1.14 0.00	27.95 -1.03 0.30	29.50 -1.07 0.00
SHOEMAKER___GT 23640	17.17 -0.03 -17.58	9.92 -0.03 -10.32	22.16 1.08 0.00	4.68 0.22 0.00	19.84 0.68 -4.71	20.77 0.91 0.00	27.48 1.10 0.00	8.93 0.30 -2.03	12.05 0.52 0.00	22.98 1.04 0.00	-31.71 0.26 36.82	1.37 0.24 3.23	6.50 0.35 0.00	4.73 0.28 0.00	2.62 0.17 0.00	8.28 0.58 0.00	18.02 1.19 0.00	23.33 1.42 0.00	32.99 1.79 0.00	46.31 2.16 0.00	47.80 2.07 0.00	37.37 1.55 0.00	30.67 1.39 0.00	31.95 1.38 0.00
SHOEMAKR_138KV_BK 111 55601	17.05 -0.03 -17.47	9.86 -0.03 -10.26	22.17 1.09 0.00	4.68 0.22 0.00	19.81 0.69 -4.68	20.77 0.92 0.00	27.48 1.11 0.00	8.92 0.31 -2.02	12.06 0.54 0.00	23.02 1.08 0.00	-30.09 0.26 35.21	1.52 0.24 3.09	6.51 0.37 0.00	4.74 0.29 0.00	2.63 0.18 0.00	8.30 0.59 0.00	18.07 1.23 0.00	23.38 1.46 0.00	33.03 1.83 0.00	46.33 2.18 0.00	47.81 2.08 0.00	37.38 1.56 0.00	30.67 1.39 0.00	31.96 1.39 0.00
SHOREHAM_IC_1 23715	21.49 -0.06 -21.94	15.03 -0.06 -15.46	30.07 2.45 -6.54	7.30 0.50 -2.34	20.53 1.55 -4.53	20.32 2.02 1.55	26.96 2.39 1.81	10.28 0.66 -3.03	12.32 1.11 0.32	23.87 2.31 0.38	54.35 0.60 -48.90	12.54 0.53 -7.65	5.79 0.76 1.11	17.69 0.58 -12.66	26.85 0.35 -24.05	20.91 1.14 -12.07	34.79 2.38 -15.57	31.36 2.87 -6.59	40.97 3.63 -6.14	54.60 4.56 -5.90	55.17 4.22 -5.22	42.85 3.24 -3.78	37.39 3.00 -5.11	32.68 3.19 1.08
SHOREHAM_IC_2 23716	21.49 -0.06 -21.94	15.03 -0.06 -15.46	30.06 2.44 -6.54	7.30 0.49 -2.34	20.53 1.55 -4.53	20.32 2.02 1.55	26.98 2.41 1.81	10.29 0.66 -3.03	12.33 1.12 0.32	23.89 2.33 0.38	54.35 0.60 -48.90	12.54 0.53 -7.65	5.79 0.76 1.11	17.69 0.58 -12.66	26.85 0.35 -24.05	20.92 1.14 -12.07	34.79 2.38 -15.57	31.36 2.86 -6.59	40.96 3.63 -6.14	54.55 4.50 -5.90	55.15 4.20 -5.22	42.84 3.23 -3.78	37.38 2.99 -5.11	32.68 3.20 1.08
SISSONVILLE____ 23735	-0.37 0.02 0.00	-0.36 0.01 0.00	20.27 -0.81 0.00	4.30 -0.16 0.00	13.94 -0.51 0.00	19.19 -0.66 0.00	25.61 -0.77 0.00	6.38 -0.22 0.00	11.15 -0.38 0.00	21.18 -0.76 0.00	4.68 -0.17 0.00	4.20 -0.17 0.00	5.89 -0.25 0.00	4.25 -0.21 0.00	2.32 -0.13 0.00	7.25 -0.46 0.00	15.90 -0.94 0.00	20.85 -1.06 0.00	29.97 -1.23 0.00	43.01 -1.14 0.00	45.00 -0.74 0.00	35.55 -0.28 0.00	28.96 -0.32 0.00	30.23 -0.33 0.00
SITHE_IND_GS1 24169	0.76 0.01 -1.14	0.31 0.01 -0.67	20.46 -0.62 0.00	4.33 -0.13 0.00	14.31 -0.45 -0.31	19.24 -0.61 0.00	25.56 -0.83 0.00	6.51 -0.22 -0.13	11.10 -0.43 0.00	21.13 -0.82 0.00	4.67 -0.19 0.00	4.20 -0.16 0.00	5.91 -0.23 0.00	4.29 -0.16 0.00	2.37 -0.08 0.00	7.45 -0.26 0.00	16.25 -0.58 0.00	21.10 -0.81 0.00	30.00 -1.20 0.00	42.45 -1.70 0.00	43.96 -1.78 0.00	34.43 -1.39 0.00	28.12 -1.16 0.00	29.36 -1.20 0.00
SITHE_IND_GS2 24170	0.76 0.01 -1.14	0.31 0.01 -0.67	20.46 -0.62 0.00	4.33 -0.13 0.00	14.31 -0.45 -0.31	19.24 -0.61 0.00	25.56 -0.83 0.00	6.51 -0.22 -0.13	11.10 -0.43 0.00	21.13 -0.82 0.00	4.67 -0.19 0.00	4.20 -0.16 0.00	5.91 -0.23 0.00	4.29 -0.16 0.00	2.37 -0.08 0.00	7.45 -0.26 0.00	16.25 -0.58 0.00	21.10 -0.81 0.00	30.00 -1.20 0.00	42.45 -1.70 0.00	43.96 -1.78 0.00	34.43 -1.39 0.00	28.12 -1.16 0.00	29.36 -1.20 0.00
SITHE_IND_GS3 24171	0.76 0.01 -1.14	0.31 0.01 -0.67	20.46 -0.62 0.00	4.33 -0.13 0.00	14.31 -0.45 -0.31	19.24 -0.61 0.00	25.56 -0.83 0.00	6.51 -0.22 -0.13	11.10 -0.43 0.00	21.13 -0.82 0.00	4.67 -0.19 0.00	4.20 -0.16 0.00	5.91 -0.23 0.00	4.29 -0.16 0.00	2.37 -0.08 0.00	7.45 -0.26 0.00	16.25 -0.58 0.00	21.10 -0.81 0.00	30.00 -1.20 0.00	42.45 -1.70 0.00	43.96 -1.78 0.00	34.43 -1.39 0.00	28.12 -1.16 0.00	29.36 -1.20 0.00
SITHE_IND_GS4 24172	0.76 0.01 -1.14	0.31 0.01 -0.67	20.46 -0.62 0.00	4.33 -0.13 0.00	14.31 -0.45 -0.31	19.24 -0.61 0.00	25.56 -0.83 0.00	6.51 -0.22 -0.13	11.10 -0.43 0.00	21.13 -0.82 0.00	4.67 -0.19 0.00	4.20 -0.16 0.00	5.91 -0.23 0.00	4.29 -0.16 0.00	2.37 -0.08 0.00	7.45 -0.26 0.00	16.25 -0.58 0.00	21.10 -0.81 0.00	30.00 -1.20 0.00	42.45 -1.70 0.00	43.96 -1.78 0.00	34.43 -1.39 0.00	28.12 -1.16 0.00	29.36 -1.20 0.00

SITHE___BATAVIA 24024	2.31 0.01 -2.69	1.22 0.01 -1.58	20.08 -1.00 0.00	4.24 -0.22 0.00	14.35 -0.82 -0.72	18.76 -1.10 0.00	25.03 -1.35 0.00	6.45 -0.45 -0.30	9.59 -0.99 0.95	19.93 -1.99 0.02	4.39 -0.46 0.00	4.00 -0.37 0.00	5.59 -0.56 0.00	4.05 -0.40 0.00	2.29 -0.17 0.00	7.11 -0.60 0.00	15.46 -1.38 0.00	20.16 -1.75 0.00	28.66 -2.54 0.00	40.81 -3.34 0.00	42.44 -3.29 0.00	33.34 -2.48 0.00	25.92 -2.27 1.09	28.37 -2.20 0.00
SITHE___INDEPEND 23800	0.76 0.01 -1.14	0.31 0.01 -0.67	20.46 -0.62 0.00	4.33 -0.13 0.00	14.31 -0.45 -0.31	19.24 -0.61 0.00	25.56 -0.83 0.00	6.51 -0.22 -0.13	11.10 -0.43 0.00	21.13 -0.82 0.00	4.67 -0.19 0.00	4.20 -0.16 0.00	5.91 -0.23 0.00	4.29 -0.16 0.00	2.37 -0.08 0.00	7.45 -0.26 0.00	16.25 -0.58 0.00	21.10 -0.81 0.00	30.00 -1.19 0.00	42.45 -1.70 0.00	43.96 -1.77 0.00	34.43 -1.39 0.00	28.12 -1.16 0.00	29.37 -1.20 0.00
SITHE___MASSENA 23902	-0.39 0.00 0.00	-0.37 0.00 0.00	20.87 -0.21 0.00	4.43 -0.03 0.00	14.35 -0.10 0.00	19.73 -0.12 0.00	26.31 -0.07 0.00	6.57 -0.03 0.00	11.52 -0.01 0.00	21.90 -0.05 0.00	4.85 -0.01 0.00	4.35 -0.02 0.00	6.11 -0.04 0.00	4.41 -0.05 0.00	2.41 -0.04 0.00	7.54 -0.17 0.00	16.50 -0.34 0.00	21.57 -0.34 0.00	30.92 -0.28 0.00	44.10 -0.05 0.00	45.91 0.18 0.00	36.21 0.39 0.00	29.53 0.25 0.00	30.88 0.31 0.00
SITHE___OGDNSBRG 24021	-0.39 0.00 0.00	-0.37 0.00 0.00	20.93 -0.15 0.00	4.44 -0.02 0.00	14.40 -0.06 0.00	19.80 -0.05 0.00	26.40 0.02 0.00	6.54 -0.06 0.00	11.41 -0.11 0.00	21.68 -0.26 0.00	4.79 -0.06 0.00	4.30 -0.06 0.00	6.04 -0.11 0.00	4.35 -0.10 0.00	2.38 -0.08 0.00	7.42 -0.28 0.00	16.27 -0.57 0.00	21.32 -0.59 0.00	30.64 -0.55 0.00	44.04 -0.11 0.00	46.31 0.58 0.00	36.58 0.76 0.00	29.80 0.52 0.00	31.13 0.57 0.00
SITHE___STERLING 23777	0.73 -0.01 -1.13	0.28 -0.01 -0.66	21.37 0.29 0.00	4.52 0.06 0.00	14.93 0.17 -0.30	20.13 0.27 0.00	26.72 0.34 0.00	6.77 0.05 -0.13	11.51 -0.01 0.00	21.89 -0.05 0.00	4.83 -0.03 0.00	4.35 -0.02 0.00	6.11 -0.03 0.00	4.44 -0.02 0.00	2.45 0.00 0.00	7.71 0.00 0.00	16.86 0.03 0.00	22.01 0.10 0.00	31.50 0.30 0.00	44.83 0.68 0.00	46.56 0.83 0.00	36.44 0.62 0.00	29.71 0.43 0.00	30.95 0.39 0.00
SLEIGHT__34_KV_TB1 80719	1.87 0.01 -2.25	0.96 0.01 -1.32	20.33 -0.75 0.00	4.30 -0.16 0.00	14.46 -0.59 -0.60	19.07 -0.78 0.00	25.36 -1.02 0.00	6.54 -0.31 -0.26	10.86 -0.66 0.00	20.68 -1.27 0.00	4.56 -0.29 0.00	4.12 -0.25 0.00	5.78 -0.37 0.00	4.20 -0.26 0.00	2.33 -0.12 0.00	7.32 -0.39 0.00	15.96 -0.87 0.00	20.73 -1.18 0.00	29.68 -1.51 0.00	42.19 -1.96 0.00	43.58 -2.15 0.00	34.15 -1.68 0.00	27.28 -1.54 0.46	29.02 -1.54 0.00
SMITHTWN_69_KV_BK 1 55830	21.69 -0.06 -22.14	15.33 -0.05 -15.75	30.35 2.28 -6.98	7.52 0.46 -2.60	20.58 1.45 -4.67	20.34 1.90 1.42	26.95 2.26 1.69	10.31 0.62 -3.09	12.30 1.07 0.30	23.89 2.22 0.27	54.62 0.57 -49.19	12.80 0.51 -7.92	5.93 0.73 0.95	17.90 0.56 -12.89	27.16 0.33 -24.38	21.42 1.09 -12.62	35.41 2.27 -16.30	31.71 2.70 -7.10	41.16 3.29 -6.67	54.64 4.01 -6.49	55.28 3.78 -5.77	42.82 2.95 -4.05	37.53 2.79 -5.46	32.63 2.97 0.91
SOUTH CAIRO___GT 23612	22.31 -0.01 -22.72	12.95 -0.01 -13.34	22.21 1.13 0.00	4.69 0.23 0.00	21.29 0.75 -6.09	20.91 1.05 0.00	27.70 1.32 0.00	9.54 0.32 -2.62	11.99 0.46 0.00	22.64 0.70 0.00	4.98 0.13 0.00	4.46 0.09 0.00	6.28 0.13 0.00	4.57 0.11 0.00	2.52 0.07 0.00	7.94 0.24 0.00	17.43 0.59 0.00	22.84 0.93 0.00	32.63 1.43 0.00	46.32 2.17 0.00	48.11 2.38 0.00	37.65 1.82 0.00	30.74 1.46 0.00	31.97 1.40 0.00
SOUTH HAMPTN___IC 23720	21.43 -0.06 -21.89	14.94 -0.07 -15.38	30.08 2.59 -6.41	7.25 0.52 -2.27	20.55 1.61 -4.49	20.28 2.02 1.59	26.92 2.39 1.85	10.26 0.65 -3.02	12.31 1.11 0.33	23.90 2.37 0.41	54.29 0.62 -48.81	12.49 0.55 -7.57	5.78 0.79 1.16	17.66 0.61 -12.59	26.79 0.37 -23.97	20.88 1.25 -11.92	34.85 2.64 -15.37	31.57 3.21 -6.44	41.35 4.17 -5.99	55.16 5.28 -5.73	55.35 4.55 -5.07	42.81 3.28 -3.71	37.44 3.15 -5.01	32.83 3.40 1.13
SOUTHDOW_115KV_TB1 355954	3.07 0.01 -3.46	1.67 0.01 -2.03	20.55 -0.53 0.00	4.35 -0.12 0.00	14.88 -0.50 -0.93	19.29 -0.56 0.00	25.56 -0.82 0.00	6.70 -0.29 -0.39	9.86 -0.54 1.13	20.98 -0.94 0.03	4.60 -0.26 0.00	4.21 -0.15 0.00	5.89 -0.26 0.00	4.27 -0.18 0.00	2.40 -0.05 0.00	7.51 -0.20 0.00	16.30 -0.54 0.00	20.94 -0.97 0.00	29.84 -1.36 0.00	42.22 -1.93 0.00	43.37 -2.36 0.00	33.85 -1.97 0.00	25.66 -1.89 1.73	28.57 -2.00 0.00
SOUTHOLD_69_KV_BK 2 55809	21.44 -0.06 -21.89	14.94 -0.07 -15.38	30.14 2.64 -6.41	7.27 0.53 -2.27	20.53 1.59 -4.49	20.16 1.90 1.59	26.80 2.26 1.84	10.21 0.60 -3.02	12.27 1.07 0.33	23.87 2.34 0.41	54.30 0.63 -48.82	12.50 0.56 -7.57	5.79 0.80 1.16	17.67 0.62 -12.59	26.82 0.40 -23.97	20.97 1.33 -11.93	35.05 2.84 -15.38	31.82 3.46 -6.45	41.74 4.55 -5.99	55.69 5.80 -5.74	55.41 4.61 -5.07	42.62 3.09 -3.71	37.44 3.14 -5.02	32.90 3.47 1.13
SOUTHOLD___IC 23719	21.44 -0.06 -21.89	14.94 -0.07 -15.38	30.15 2.65 -6.41	7.26 0.53 -2.27	20.54 1.59 -4.49	20.16 1.90 1.59	26.78 2.24 1.84	10.21 0.60 -3.02	12.26 1.06 0.33	23.86 2.33 0.41	54.30 0.63 -48.82	12.50 0.56 -7.57	5.79 0.80 1.16	17.67 0.62 -12.59	26.82 0.40 -23.97	20.96 1.33 -11.93	35.05 2.84 -15.38	31.82 3.46 -6.45	41.75 4.56 -5.99	55.74 5.85 -5.74	55.43 4.62 -5.07	42.63 3.10 -3.71	37.44 3.14 -5.02	32.90 3.47 1.13
SOUTH_FORK_WT_PWR 323839	21.44 -0.06 -21.89	14.93 -0.08 -15.38	30.06 2.57 -6.41	7.24 0.51 -2.27	20.44 1.50 -4.49	19.93 1.67 1.59	26.47 1.93 1.84	10.13 0.52 -3.02	12.13 0.93 0.33	23.67 2.14 0.41	54.28 0.61 -48.81	12.48 0.54 -7.57	5.76 0.78 1.16	17.65 0.60 -12.59	26.82 0.40 -23.97	20.98 1.35 -11.92	35.11 2.90 -15.37	31.88 3.52 -6.45	41.84 4.65 -5.99	55.88 5.99 -5.74	55.13 4.33 -5.07	42.21 2.68 -3.71	37.24 2.94 -5.02	32.77 3.33 1.13
SPIERFLS_115KV_TB 1 80737	24.15 -0.02 -24.56	14.02 -0.02 -14.41	22.11 1.04 0.00	4.68 0.22 0.00	21.71 0.68 -6.58	20.83 0.97 0.00	27.56 1.18 0.00	9.73 0.30 -2.84	11.97 0.44 0.00	22.59 0.65 0.00	4.95 0.10 0.00	4.43 0.06 0.00	6.27 0.12 0.00	4.58 0.12 0.00	2.52 0.07 0.00	7.96 0.25 0.00	17.51 0.68 0.00	22.99 1.08 0.00	32.83 1.64 0.00	46.54 2.39 0.00	48.24 2.51 0.00	37.71 1.89 0.00	30.74 1.46 0.00	31.92 1.36 0.00
ST LAWRENCE____ 23600	-0.38 0.01 0.00	-0.37 0.01 0.00	20.78 -0.30 0.00	4.41 -0.05 0.00	14.29 -0.16 0.00	19.64 -0.21 0.00	26.19 -0.19 0.00	6.55 -0.05 0.00	11.49 -0.04 0.00	21.85 -0.10 0.00	4.83 -0.02 0.00	4.34 -0.02 0.00	6.10 -0.05 0.00	4.40 -0.05 0.00	2.41 -0.04 0.00	7.54 -0.17 0.00	16.50 -0.34 0.00	21.55 -0.37 0.00	30.84 -0.36 0.00	43.91 -0.24 0.00	45.64 -0.09 0.00	35.83 0.01 0.00	29.24 -0.04 0.00	30.57 0.00 0.00

STATE_CA_115KV_115_LB 55624	23.66 -0.01 -24.06	13.75 -0.01 -14.12	21.71 0.63 0.00	4.59 0.13 0.00	21.30 0.41 -6.45	20.42 0.56 0.00	27.02 0.64 0.00	9.55 0.18 -2.78	11.80 0.27 0.00	22.41 0.47 0.00	10.77 0.10 -5.82	4.94 0.07 -0.51	6.25 0.11 0.00	4.55 0.10 0.00	2.51 0.06 0.00	7.92 0.21 0.00	17.36 0.52 0.00	22.64 0.73 0.00	32.07 0.87 0.00	45.11 0.97 0.00	46.68 0.94 0.00	36.54 0.72 0.00	29.92 0.64 0.00	31.20 0.64 0.00
STATE_ST_34_KV_LOAD 55959	1.90 0.00 -2.29	0.97 0.00 -1.34	20.99 -0.09 0.00	4.43 -0.02 0.00	14.93 -0.14 -0.61	19.74 -0.12 0.00	26.19 -0.18 0.00	6.78 -0.08 -0.27	11.28 -0.25 0.00	21.44 -0.50 0.00	4.72 -0.13 0.00	4.26 -0.10 0.00	5.97 -0.17 0.00	4.34 -0.11 0.00	2.41 -0.05 0.00	7.57 -0.14 0.00	16.47 -0.37 0.00	21.47 -0.45 0.00	30.71 -0.48 0.00	43.65 -0.49 0.00	45.20 -0.54 0.00	35.37 -0.45 0.00	29.36 -0.45 -0.52	30.09 -0.47 0.00
STATION_5_MISC_HYD 23604	1.98 0.01 -2.36	1.03 0.01 -1.39	20.18 -0.90 0.00	4.27 -0.19 0.00	14.37 -0.71 -0.63	18.90 -0.96 0.00	25.14 -1.24 0.00	6.49 -0.38 -0.27	10.74 -0.79 0.00	20.45 -1.50 0.00	4.51 -0.34 0.00	4.08 -0.28 0.00	5.73 -0.41 0.00	4.16 -0.30 0.00	2.32 -0.13 0.00	7.27 -0.44 0.00	15.85 -0.98 0.00	20.51 -1.40 0.00	29.28 -1.92 0.00	41.48 -2.67 0.00	42.93 -2.80 0.00	33.66 -2.16 0.00	26.46 -1.96 0.86	28.66 -1.90 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	1.98 0.01 -2.36	1.02 0.01 -1.39	20.41 -0.67 0.00	4.32 -0.15 0.00	14.56 -0.53 -0.63	19.15 -0.70 0.00	25.45 -0.92 0.00	6.58 -0.28 -0.27	10.91 -0.62 0.00	20.76 -1.19 0.00	4.57 -0.28 0.00	4.13 -0.23 0.00	5.80 -0.34 0.00	4.21 -0.24 0.00	2.35 -0.11 0.00	7.35 -0.36 0.00	16.04 -0.80 0.00	20.81 -1.10 0.00	29.77 -1.43 0.00	42.31 -1.84 0.00	43.69 -2.05 0.00	34.23 -1.59 0.00	26.83 -1.48 0.97	29.10 -1.47 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	1.96 0.01 -2.34	1.01 0.01 -1.37	20.11 -0.97 0.00	4.25 -0.21 0.00	14.33 -0.75 -0.63	18.84 -1.01 0.00	25.06 -1.32 0.00	6.47 -0.39 -0.27	10.71 -0.82 0.00	20.40 -1.54 0.00	4.50 -0.35 0.00	4.07 -0.29 0.00	5.72 -0.43 0.00	4.15 -0.31 0.00	2.32 -0.13 0.00	7.25 -0.45 0.00	15.81 -1.03 0.00	20.46 -1.45 0.00	29.23 -1.96 0.00	41.49 -2.66 0.00	42.84 -2.89 0.00	33.59 -2.24 0.00	26.42 -2.02 0.84	28.59 -1.98 0.00
STA_56___34_KV_BUS2 355983	1.96 0.01 -2.34	1.01 0.01 -1.37	20.11 -0.97 0.00	4.25 -0.21 0.00	14.33 -0.75 -0.63	18.84 -1.01 0.00	25.06 -1.32 0.00	6.47 -0.39 -0.27	10.71 -0.82 0.00	20.40 -1.54 0.00	4.50 -0.35 0.00	4.07 -0.29 0.00	5.72 -0.43 0.00	4.15 -0.31 0.00	2.32 -0.13 0.00	7.25 -0.45 0.00	15.81 -1.03 0.00	20.46 -1.45 0.00	29.23 -1.96 0.00	41.49 -2.66 0.00	42.84 -2.89 0.00	33.59 -2.24 0.00	26.42 -2.02 0.84	28.59 -1.98 0.00
STA_67___115KV_BK2 355882	1.98 0.01 -2.36	1.03 0.01 -1.39	20.15 -0.93 0.00	4.26 -0.20 0.00	14.35 -0.73 -0.63	18.86 -0.99 0.00	25.10 -1.28 0.00	6.48 -0.39 -0.27	10.72 -0.81 0.00	20.42 -1.52 0.00	4.51 -0.35 0.00	4.08 -0.29 0.00	5.72 -0.42 0.00	4.15 -0.30 0.00	2.32 -0.13 0.00	7.26 -0.45 0.00	15.82 -1.01 0.00	20.47 -1.44 0.00	29.23 -1.97 0.00	41.48 -2.67 0.00	42.84 -2.89 0.00	33.59 -2.24 0.00	26.40 -2.02 0.86	28.61 -1.96 0.00
STA_7___115KV_9TRANS 80674	1.98 0.00 -2.36	1.02 0.01 -1.39	20.26 -0.82 0.00	4.28 -0.18 0.00	14.42 -0.66 -0.63	18.97 -0.89 0.00	25.23 -1.15 0.00	6.51 -0.36 -0.27	10.77 -0.76 0.00	20.53 -1.42 0.00	4.53 -0.33 0.00	4.10 -0.27 0.00	5.75 -0.40 0.00	4.17 -0.28 0.00	2.33 -0.12 0.00	7.30 -0.41 0.00	15.91 -0.93 0.00	20.59 -1.32 0.00	29.44 -1.75 0.00	41.80 -2.34 0.00	43.16 -2.57 0.00	33.84 -1.98 0.00	26.60 -1.82 0.86	28.80 -1.77 0.00
STA_82___115KV_TB1 80780	1.99 0.01 -2.37	1.03 0.01 -1.39	20.15 -0.93 0.00	4.26 -0.20 0.00	14.35 -0.73 -0.64	18.86 -0.99 0.00	25.10 -1.28 0.00	6.48 -0.39 -0.27	10.72 -0.81 0.00	20.41 -1.53 0.00	4.50 -0.35 0.00	4.07 -0.29 0.00	5.72 -0.42 0.00	4.15 -0.30 0.00	2.32 -0.13 0.00	7.26 -0.45 0.00	15.82 -1.02 0.00	20.47 -1.44 0.00	29.23 -1.97 0.00	41.48 -2.67 0.00	42.84 -2.89 0.00	33.60 -2.23 0.00	26.39 -2.02 0.87	28.61 -1.95 0.00
STEEL___WIND 323596	2.83 0.01 -3.21	1.54 0.02 -1.88	19.87 -1.21 0.00	4.20 -0.27 0.00	14.33 -0.98 -0.86	18.53 -1.32 0.00	24.64 -1.74 0.00	6.43 -0.52 -0.36	8.54 -1.03 1.96	19.97 -1.93 0.04	4.39 -0.46 0.00	4.01 -0.36 0.00	5.61 -0.54 0.00	4.08 -0.38 0.00	2.30 -0.15 0.00	7.17 -0.54 0.00	15.56 -1.28 0.00	20.06 -1.85 0.00	28.54 -2.65 0.00	40.27 -3.87 0.00	41.56 -4.17 0.00	32.58 -3.24 0.00	24.92 -2.87 1.49	27.82 -2.74 0.00
STEPHTWN_115KV_BK_2 55603	23.44 -0.01 -23.84	13.62 -0.01 -14.00	21.88 0.80 0.00	4.62 0.15 0.00	21.33 0.49 -6.39	20.54 0.69 0.00	27.19 0.81 0.00	9.56 0.22 -2.76	11.88 0.35 0.00	22.52 0.57 0.00	10.85 0.13 -5.88	4.97 0.08 -0.52	6.28 0.14 0.00	4.57 0.12 0.00	2.52 0.07 0.00	7.95 0.24 0.00	17.44 0.61 0.00	22.78 0.87 0.00	32.34 1.15 0.00	45.53 1.38 0.00	46.99 1.26 0.00	36.79 0.97 0.00	30.08 0.80 0.00	31.41 0.84 0.00
STEUBEN_REC_LFGE 323667	3.92 0.01 -4.30	2.16 0.01 -2.52	20.38 -0.70 0.00	4.31 -0.15 0.00	15.04 -0.56 -1.15	19.19 -0.66 0.00	25.58 -0.80 0.00	6.84 -0.28 -0.52	15.03 -0.64 -4.13	20.79 -1.24 -0.09	4.53 -0.32 0.00	4.13 -0.24 0.00	5.78 -0.36 0.00	4.20 -0.26 0.00	2.34 -0.11 0.00	7.37 -0.34 0.00	16.04 -0.79 0.00	20.78 -1.13 0.00	29.88 -1.32 0.00	42.64 -1.51 0.00	43.90 -1.83 0.00	34.26 -1.56 0.00	22.92 -1.47 4.88	29.09 -1.47 0.00
STILLWATER___SOLAR 323814	24.05 -0.02 -24.46	13.97 -0.02 -14.36	22.13 1.05 0.00	4.68 0.22 0.00	21.70 0.70 -6.55	20.82 0.96 0.00	27.56 1.18 0.00	9.72 0.30 -2.83	11.97 0.44 0.00	22.64 0.69 0.00	4.96 0.11 0.00	4.45 0.08 0.00	6.28 0.14 0.00	4.58 0.12 0.00	2.52 0.07 0.00	7.96 0.26 0.00	17.48 0.64 0.00	22.92 1.01 0.00	32.71 1.52 0.00	46.31 2.16 0.00	47.96 2.23 0.00	37.51 1.69 0.00	30.62 1.34 0.00	31.87 1.31 0.00
STONY___BROOK 24151	21.62 -0.06 -22.07	15.23 -0.05 -15.65	30.24 2.33 -6.83	7.44 0.47 -2.52	20.56 1.48 -4.62	20.33 1.94 1.46	26.93 2.29 1.73	10.30 0.63 -3.07	12.30 1.08 0.31	23.88 2.25 0.31	54.52 0.58 -49.09	12.71 0.52 -7.83	5.88 0.74 1.01	17.83 0.57 -12.80	27.05 0.34 -24.26	21.24 1.10 -12.42	35.18 2.30 -16.04	31.56 2.73 -6.92	41.00 3.32 -6.48	54.51 4.08 -6.28	55.13 3.82 -5.58	42.77 2.99 -3.95	37.46 2.84 -5.34	32.62 3.03 0.97
STURGEON_POOL_HYD 23609	19.38 -0.03 -19.80	11.22 -0.03 -11.62	22.40 1.32 0.00	4.73 0.27 0.00	20.60 0.84 -5.30	20.99 1.13 0.00	27.75 1.37 0.00	9.26 0.38 -2.29	12.22 0.70 0.00	23.35 1.41 0.00	5.20 0.35 0.00	4.68 0.32 0.00	6.62 0.47 0.00	4.82 0.37 0.00	2.67 0.22 0.00	8.45 0.74 0.00	18.37 1.53 0.00	23.75 1.84 0.00	33.49 2.29 0.00	46.87 2.72 0.00	48.34 2.61 0.00	37.78 1.96 0.00	30.99 1.71 0.00	32.28 1.72 0.00

ST_LAW_115_BK7_LBMP 345037	-0.38 0.01 0.00	-0.37 0.01 0.00	20.76 -0.32 0.00	4.40 -0.05 0.00	14.27 -0.18 0.00	19.62 -0.23 0.00	26.16 -0.21 0.00	6.54 -0.06 0.00	11.48 -0.05 0.00	21.83 -0.11 0.00	4.83 -0.02 0.00	4.34 -0.03 0.00	6.09 -0.05 0.00	4.39 -0.06 0.00	2.40 -0.05 0.00	7.52 -0.19 0.00	16.46 -0.38 0.00	21.51 -0.40 0.00	30.81 -0.39 0.00	43.86 -0.29 0.00	45.61 -0.12 0.00	35.84 0.02 0.00	29.25 -0.03 0.00	30.58 0.02 0.00
ST_LAW_115_BK8_LBMP 345038	-0.38 0.01 0.00	-0.37 0.01 0.00	20.76 -0.32 0.00	4.40 -0.05 0.00	14.27 -0.18 0.00	19.62 -0.23 0.00	26.16 -0.21 0.00	6.54 -0.06 0.00	11.48 -0.05 0.00	21.83 -0.11 0.00	4.83 -0.02 0.00	4.34 -0.03 0.00	6.09 -0.05 0.00	4.39 -0.06 0.00	2.40 -0.05 0.00	7.52 -0.19 0.00	16.46 -0.38 0.00	21.51 -0.40 0.00	30.81 -0.39 0.00	43.86 -0.29 0.00	45.61 -0.12 0.00	35.84 0.02 0.00	29.25 -0.03 0.00	30.58 0.02 0.00
ST_LAW_230_BK5_LBMP 345035	-0.38 0.01 0.00	-0.37 0.01 0.00	20.78 -0.30 0.00	4.41 -0.05 0.00	14.29 -0.16 0.00	19.64 -0.21 0.00	26.19 -0.19 0.00	6.55 -0.05 0.00	11.49 -0.04 0.00	21.85 -0.10 0.00	4.83 -0.02 0.00	4.34 -0.02 0.00	6.10 -0.05 0.00	4.40 -0.05 0.00	2.41 -0.04 0.00	7.54 -0.17 0.00	16.50 -0.34 0.00	21.55 -0.37 0.00	30.84 -0.36 0.00	43.91 -0.24 0.00	45.64 -0.09 0.00	35.83 0.01 0.00	29.24 -0.04 0.00	30.57 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	-0.38 0.01 0.00	-0.37 0.01 0.00	20.78 -0.30 0.00	4.41 -0.05 0.00	14.29 -0.16 0.00	19.64 -0.21 0.00	26.19 -0.19 0.00	6.55 -0.05 0.00	11.49 -0.04 0.00	21.85 -0.10 0.00	4.83 -0.02 0.00	4.34 -0.02 0.00	6.10 -0.05 0.00	4.40 -0.05 0.00	2.41 -0.04 0.00	7.54 -0.17 0.00	16.50 -0.34 0.00	21.55 -0.37 0.00	30.84 -0.36 0.00	43.91 -0.24 0.00	45.64 -0.09 0.00	35.83 0.01 0.00	29.24 -0.04 0.00	30.57 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.54 -0.04 -17.97	10.14 -0.03 -10.55	22.30 1.22 0.00	4.71 0.24 0.00	20.03 0.76 -4.81	20.88 1.02 0.00	27.61 1.23 0.00	9.02 0.34 -2.08	12.15 0.62 0.00	23.20 1.26 0.00	-37.04 0.31 42.20	0.95 0.29 3.71	6.58 0.43 0.00	4.79 0.34 0.00	2.66 0.21 0.00	8.41 0.70 0.00	18.29 1.45 0.00	23.63 1.72 0.00	33.32 2.12 0.00	46.62 2.47 0.00	48.07 2.34 0.00	37.57 1.75 0.00	30.84 1.56 0.00	32.12 1.56 0.00
SWANROAD_115KV_TB1 355699	2.58 0.03 -2.94	1.40 0.04 -1.73	19.16 -1.92 0.00	4.05 -0.42 0.00	13.77 -1.47 -0.79	17.86 -1.99 0.00	23.89 -2.48 0.00	6.20 -0.73 -0.33	8.64 -1.40 1.49	19.17 -2.75 0.03	4.24 -0.61 0.00	3.86 -0.50 0.00	5.40 -0.74 0.00	3.92 -0.53 0.00	2.23 -0.22 0.00	6.89 -0.82 0.00	14.93 -1.91 0.00	19.27 -2.64 0.00	27.39 -3.81 0.00	38.75 -5.39 0.00	39.89 -5.85 0.00	31.37 -4.45 0.00	24.22 -3.80 1.25	26.86 -3.71 0.00
SYNERGY___BIOGAS 323694	2.31 0.01 -2.69	1.22 0.02 -1.58	20.08 -1.00 0.00	4.24 -0.22 0.00	14.36 -0.81 -0.72	18.76 -1.09 0.00	25.04 -1.34 0.00	6.45 -0.45 -0.30	9.59 -0.99 0.95	19.94 -1.99 0.02	4.40 -0.46 0.00	4.00 -0.37 0.00	5.59 -0.55 0.00	4.05 -0.40 0.00	2.29 -0.17 0.00	7.11 -0.60 0.00	15.46 -1.38 0.00	20.16 -1.75 0.00	28.66 -2.53 0.00	40.95 -3.19 0.00	42.44 -3.29 0.00	33.35 -2.47 0.00	25.92 -2.27 1.09	28.37 -2.20 0.00
SYRACUSE___ENERGY_ST1 323597	1.40 0.00 -1.79	0.68 0.00 -1.05	20.87 -0.21 0.00	4.41 -0.05 0.00	14.75 -0.18 -0.48	19.62 -0.23 0.00	26.05 -0.33 0.00	6.70 -0.11 -0.21	11.27 -0.26 0.00	21.45 -0.49 0.00	4.74 -0.12 0.00	4.27 -0.10 0.00	6.00 -0.14 0.00	4.36 -0.10 0.00	2.41 -0.04 0.00	7.58 -0.13 0.00	16.54 -0.30 0.00	21.51 -0.40 0.00	30.66 -0.54 0.00	43.41 -0.73 0.00	44.94 -0.80 0.00	35.18 -0.64 0.00	28.71 -0.57 0.00	29.96 -0.60 0.00
SYRACUSE___ENERGY_ST2 323598	1.40 0.00 -1.79	0.68 0.00 -1.05	20.87 -0.21 0.00	4.41 -0.05 0.00	14.75 -0.18 -0.48	19.62 -0.23 0.00	26.05 -0.33 0.00	6.70 -0.11 -0.21	11.27 -0.26 0.00	21.45 -0.49 0.00	4.74 -0.12 0.00	4.27 -0.10 0.00	6.00 -0.14 0.00	4.36 -0.10 0.00	2.41 -0.04 0.00	7.58 -0.13 0.00	16.54 -0.30 0.00	21.51 -0.40 0.00	30.66 -0.54 0.00	43.41 -0.73 0.00	44.94 -0.80 0.00	35.18 -0.64 0.00	28.71 -0.57 0.00	29.96 -0.60 0.00
SYRACUSE___POWER 24017	1.66 0.00 -2.05	0.83 0.00 -1.20	20.92 -0.16 0.00	4.43 -0.03 0.00	14.87 -0.13 -0.55	19.68 -0.18 0.00	26.12 -0.26 0.00	6.74 -0.09 -0.24	11.30 -0.23 0.00	21.52 -0.42 0.00	4.75 -0.11 0.00	4.28 -0.08 0.00	6.03 -0.12 0.00	4.37 -0.08 0.00	2.42 -0.04 0.00	7.61 -0.10 0.00	16.60 -0.23 0.00	21.58 -0.33 0.00	30.75 -0.45 0.00	43.56 -0.58 0.00	45.07 -0.66 0.00	35.29 -0.53 0.00	29.15 -0.50 -0.37	30.04 -0.52 0.00
TALLMAN_138KV_BK151 55660	18.05 -0.04 -18.48	10.44 -0.04 -10.84	22.43 1.35 0.00	4.73 0.27 0.00	20.23 0.83 -4.95	20.97 1.12 0.00	27.71 1.33 0.00	9.10 0.38 -2.13	12.21 0.69 0.00	23.35 1.41 0.00	-52.59 0.36 57.79	-0.38 0.33 5.07	6.64 0.50 0.00	4.84 0.39 0.00	2.69 0.24 0.00	8.51 0.81 0.00	18.49 1.66 0.00	23.85 1.94 0.00	33.56 2.36 0.00	46.86 2.72 0.00	48.28 2.55 0.00	37.73 1.90 0.00	31.00 1.72 0.00	32.29 1.72 0.00
TEALLAVE_115KV_TB7 355573	1.33 0.00 -1.72	0.64 0.00 -1.01	20.81 -0.27 0.00	4.40 -0.06 0.00	14.70 -0.21 -0.46	19.57 -0.29 0.00	25.97 -0.41 0.00	6.67 -0.12 -0.20	11.25 -0.28 0.00	21.41 -0.53 0.00	4.73 -0.13 0.00	4.26 -0.10 0.00	6.00 -0.14 0.00	4.35 -0.10 0.00	2.41 -0.05 0.00	7.57 -0.14 0.00	16.53 -0.31 0.00	21.47 -0.44 0.00	30.57 -0.63 0.00	43.29 -0.86 0.00	44.78 -0.95 0.00	35.06 -0.76 0.00	28.61 -0.67 0.00	29.86 -0.70 0.00
TELGRAPH_34_KV_EAST 80808	2.44 0.02 -2.81	1.31 0.03 -1.65	19.66 -1.42 0.00	4.15 -0.31 0.00	14.09 -1.12 -0.75	18.35 -1.51 0.00	24.50 -1.88 0.00	6.33 -0.58 -0.32	9.13 -1.16 1.24	19.64 -2.27 0.03	4.34 -0.51 0.00	3.95 -0.42 0.00	5.52 -0.62 0.00	4.01 -0.45 0.00	2.27 -0.19 0.00	7.03 -0.68 0.00	15.27 -1.57 0.00	19.83 -2.08 0.00	28.14 -3.05 0.00	39.96 -4.19 0.00	41.23 -4.50 0.00	32.40 -3.42 0.00	25.09 -3.01 1.18	27.66 -2.91 0.00
TEMPLE___115KV_TB 2 55572	1.36 0.00 -1.75	0.66 0.00 -1.03	20.83 -0.25 0.00	4.41 -0.05 0.00	14.72 -0.20 -0.47	19.58 -0.28 0.00	25.99 -0.39 0.00	6.68 -0.12 -0.20	11.25 -0.27 0.00	21.43 -0.51 0.00	4.73 -0.12 0.00	4.27 -0.10 0.00	6.00 -0.14 0.00	4.36 -0.10 0.00	2.41 -0.04 0.00	7.58 -0.13 0.00	16.54 -0.29 0.00	21.49 -0.42 0.00	30.59 -0.60 0.00	43.32 -0.83 0.00	44.83 -0.90 0.00	35.08 -0.74 0.00	28.63 -0.66 0.00	29.88 -0.69 0.00
TIANA___69_KV_BK 1 55817	21.44 -0.06 -21.89	14.95 -0.07 -15.38	30.06 2.57 -6.41	7.25 0.52 -2.27	20.55 1.60 -4.49	20.30 2.04 1.59	26.99 2.45 1.84	10.27 0.66 -3.02	12.34 1.14 0.33	23.92 2.39 0.41	54.29 0.62 -48.82	12.49 0.55 -7.57	5.78 0.79 1.16	17.65 0.60 -12.59	26.79 0.37 -23.97	20.85 1.22 -11.93	34.79 2.57 -15.38	31.48 3.12 -6.45	41.21 4.02 -5.99	54.94 5.05 -5.74	55.29 4.49 -5.07	42.85 3.32 -3.71	37.43 3.13 -5.02	32.80 3.37 1.13

TILDEN___115KV_TB1 80814	1.66 0.00 -2.05	0.83 0.00 -1.20	20.92 -0.16 0.00	4.43 -0.03 0.00	14.87 -0.13 -0.55	19.68 -0.18 0.00	26.12 -0.26 0.00	6.74 -0.09 -0.24	11.30 -0.23 0.00	21.52 -0.42 0.00	4.75 -0.11 0.00	4.28 -0.08 0.00	6.03 -0.12 0.00	4.37 -0.08 0.00	2.42 -0.04 0.00	7.61 -0.10 0.00	16.60 -0.23 0.00	21.58 -0.33 0.00	30.75 -0.45 0.00	43.56 -0.58 0.00	45.07 -0.66 0.00	35.29 -0.53 0.00	29.15 -0.50 -0.37	30.04 -0.52 0.00
TRIGEN___CC 323695	41.19 -0.05 -41.63	45.14 -0.04 -45.55	76.94 1.82 -54.03	33.41 0.37 -28.57	34.19 1.17 -18.58	33.26 1.55 -11.86	38.28 1.87 -10.03	16.55 0.52 -9.44	14.67 0.92 -2.22	34.47 1.94 -10.59	85.10 0.50 -79.75	41.13 0.45 -36.32	21.60 0.65 -14.80	41.33 0.49 -36.39	60.55 0.29 -57.81	78.06 0.95 -69.41	111.66 1.95 -92.87	85.67 2.28 -61.48	96.65 2.77 -62.68	115.45 3.37 -67.93	112.70 3.20 -63.77	69.76 2.46 -31.48	73.75 2.22 -42.25	50.01 2.37 -17.07
TRINITY__115KV__4 BK 55933	23.49 -0.01 -23.89	13.64 -0.01 -14.02	21.65 0.57 0.00	4.58 0.11 0.00	21.21 0.36 -6.40	20.36 0.50 0.00	26.94 0.57 0.00	9.52 0.17 -2.76	11.77 0.25 0.00	22.35 0.41 0.00	10.83 0.09 -5.89	4.94 0.06 -0.52	6.24 0.09 0.00	4.54 0.09 0.00	2.51 0.05 0.00	7.90 0.19 0.00	17.30 0.46 0.00	22.56 0.65 0.00	31.94 0.74 0.00	44.93 0.78 0.00	46.48 0.75 0.00	36.40 0.58 0.00	29.82 0.54 0.00	31.10 0.53 0.00
UNION___PROCESSING_DRP 323587	1.99 0.01 -2.38	1.03 0.01 -1.39	20.15 -0.93 0.00	4.26 -0.20 0.00	14.35 -0.73 -0.64	18.87 -0.98 0.00	25.10 -1.28 0.00	6.48 -0.39 -0.27	10.72 -0.81 0.00	20.42 -1.53 0.00	4.50 -0.35 0.00	4.08 -0.29 0.00	5.72 -0.42 0.00	4.15 -0.30 0.00	2.32 -0.13 0.00	7.26 -0.45 0.00	15.82 -1.02 0.00	20.47 -1.44 0.00	29.23 -1.97 0.00	41.48 -2.67 0.00	42.85 -2.88 0.00	33.60 -2.22 0.00	26.39 -2.02 0.87	28.62 -1.95 0.00
UPPER HUDSON___HYD 24058	24.15 -0.02 -24.56	14.02 -0.02 -14.41	22.11 1.04 0.00	4.68 0.22 0.00	21.71 0.68 -6.58	20.83 0.97 0.00	27.56 1.18 0.00	9.73 0.30 -2.84	11.97 0.44 0.00	22.59 0.65 0.00	4.95 0.10 0.00	4.43 0.07 0.00	6.27 0.12 0.00	4.58 0.12 0.00	2.52 0.07 0.00	7.96 0.25 0.00	17.51 0.68 0.00	22.99 1.08 0.00	32.83 1.64 0.00	46.54 2.39 0.00	48.24 2.51 0.00	37.71 1.89 0.00	30.74 1.46 0.00	31.92 1.36 0.00
UPPER RAQUET___HYD 24056	-0.37 0.01 0.00	-0.36 0.01 0.00	20.27 -0.81 0.00	4.30 -0.16 0.00	13.94 -0.51 0.00	19.19 -0.66 0.00	25.61 -0.77 0.00	6.38 -0.22 0.00	11.15 -0.38 0.00	21.18 -0.76 0.00	4.68 -0.17 0.00	4.20 -0.17 0.00	5.89 -0.25 0.00	4.25 -0.21 0.00	2.32 -0.13 0.00	7.25 -0.46 0.00	15.90 -0.94 0.00	20.84 -1.07 0.00	29.97 -1.23 0.00	43.01 -1.13 0.00	45.00 -0.74 0.00	35.55 -0.28 0.00	28.96 -0.33 0.00	30.23 -0.33 0.00
VALLEY44_115KV_TB2 355964	3.17 0.00 -3.56	1.73 0.02 -2.09	20.57 -0.51 0.00	4.36 -0.11 0.00	14.98 -0.42 -0.95	19.30 -0.55 0.00	25.61 -0.77 0.00	6.72 -0.28 -0.41	10.12 -0.53 0.88	20.84 -1.09 0.02	4.56 -0.29 0.00	4.18 -0.18 0.00	5.85 -0.29 0.00	4.25 -0.20 0.00	2.38 -0.08 0.00	7.42 -0.29 0.00	16.11 -0.73 0.00	20.68 -1.23 0.00	29.41 -1.79 0.00	41.64 -2.51 0.00	42.94 -2.80 0.00	33.54 -2.28 0.00	25.54 -1.97 1.78	28.74 -1.83 0.00
VALLEY___115KV_TB 1-4 80826	-0.38 0.01 0.00	-0.36 0.01 0.00	20.98 -0.10 0.00	4.46 -0.01 0.00	14.43 -0.02 0.00	19.75 -0.10 0.00	26.19 -0.19 0.00	6.53 -0.07 0.00	11.35 -0.18 0.00	21.46 -0.49 0.00	4.73 -0.12 0.00	4.25 -0.12 0.00	5.97 -0.17 0.00	4.34 -0.11 0.00	2.39 -0.06 0.00	7.56 -0.15 0.00	16.57 -0.26 0.00	21.70 -0.21 0.00	30.97 -0.22 0.00	43.89 -0.26 0.00	45.51 -0.22 0.00	35.57 -0.25 0.00	29.10 -0.19 0.00	30.43 -0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	7.89 -0.02 -8.30	4.48 -0.02 -4.87	22.03 0.95 0.00	4.66 0.20 0.00	17.32 0.64 -2.22	20.75 0.89 0.00	27.51 1.14 0.00	7.83 0.27 -0.96	11.97 0.44 0.00	22.81 0.87 0.00	5.04 0.18 0.00	4.54 0.17 0.00	6.38 0.24 0.00	4.63 0.17 0.00	2.55 0.10 0.00	8.06 0.35 0.00	17.60 0.76 0.00	22.91 1.01 0.00	32.68 1.48 0.00	46.11 1.97 0.00	47.66 1.93 0.00	37.23 1.41 0.00	30.42 1.14 0.00	31.72 1.16 0.00
VISCHER___FERRY HYD 24020	23.78 -0.01 -24.18	13.81 -0.01 -14.20	21.92 0.84 0.00	4.64 0.17 0.00	21.48 0.55 -6.48	20.61 0.75 0.00	27.28 0.90 0.00	9.63 0.24 -2.79	11.90 0.37 0.00	22.55 0.61 0.00	10.80 0.11 -5.84	4.94 0.07 -0.51	6.25 0.11 0.00	4.56 0.10 0.00	2.51 0.06 0.00	7.92 0.21 0.00	17.37 0.53 0.00	22.73 0.82 0.00	32.30 1.10 0.00	45.64 1.50 0.00	47.24 1.51 0.00	36.99 1.17 0.00	30.25 0.97 0.00	31.53 0.96 0.00
V_A_10_SYNC_DSASP 323832	2.27 0.01 -2.65	1.20 0.02 -1.55	19.69 -1.39 0.00	4.17 -0.30 0.00	14.08 -1.08 -0.71	18.39 -1.46 0.00	24.50 -1.88 0.00	6.35 -0.55 -0.30	9.44 -1.10 0.98	19.83 -2.10 0.02	4.37 -0.48 0.00	3.98 -0.39 0.00	5.57 -0.57 0.00	4.05 -0.40 0.00	2.28 -0.17 0.00	7.10 -0.60 0.00	15.43 -1.41 0.00	19.90 -2.01 0.00	28.29 -2.90 0.00	39.93 -4.21 0.00	41.27 -4.47 0.00	32.38 -3.44 0.00	25.20 -3.02 1.06	27.66 -2.90 0.00
V_CMM_10_SYNC_DSASP 323787	-0.39 0.00 0.00	-0.37 0.00 0.00	20.86 -0.22 0.00	4.43 -0.03 0.00	14.34 -0.10 0.00	19.72 -0.13 0.00	26.29 -0.09 0.00	6.57 -0.02 0.00	11.53 0.01 0.00	21.92 -0.02 0.00	4.85 0.00 0.00	4.36 -0.01 0.00	6.12 -0.02 0.00	4.42 -0.04 0.00	2.42 -0.04 0.00	7.55 -0.15 0.00	16.54 -0.30 0.00	21.61 -0.30 0.00	30.95 -0.25 0.00	44.08 -0.07 0.00	45.83 0.10 0.00	36.01 0.18 0.00	29.38 0.10 0.00	30.72 0.15 0.00
V_CMP_10_SYNC_DSASP 323788	-0.39 -0.01 0.00	-0.37 0.00 0.00	20.93 -0.15 0.00	4.45 -0.02 0.00	14.45 0.00 0.00	20.03 0.17 0.00	26.61 0.23 0.00	6.67 0.08 0.00	11.68 0.15 0.00	22.12 0.17 0.00	4.87 0.01 0.00	4.37 0.00 0.00	6.15 0.01 0.00	4.44 -0.02 0.00	2.43 -0.02 0.00	7.57 -0.13 0.00	16.58 -0.26 0.00	21.76 -0.15 0.00	31.13 -0.06 0.00	44.56 0.41 0.00	46.46 0.73 0.00	36.48 0.66 0.00	29.67 0.39 0.00	30.83 0.26 0.00
V_D_10_SYNC_DSASP 323841	-0.39 0.00 0.00	-0.37 0.00 0.00	20.88 -0.20 0.00	4.43 -0.03 0.00	14.35 -0.10 0.00	19.74 -0.12 0.00	26.31 -0.07 0.00	6.57 -0.03 0.00	11.52 -0.01 0.00	21.90 -0.04 0.00	4.85 -0.01 0.00	4.35 -0.01 0.00	6.11 -0.04 0.00	4.41 -0.04 0.00	2.41 -0.04 0.00	7.54 -0.17 0.00	16.51 -0.33 0.00	21.58 -0.33 0.00	30.93 -0.27 0.00	44.11 -0.04 0.00	45.92 0.19 0.00	36.21 0.39 0.00	29.53 0.25 0.00	30.88 0.31 0.00
V_E_10_SYNC_DSASP 323830	5.62 -0.04 -6.06	3.14 -0.04 -3.56	22.23 1.15 0.00	4.73 0.26 0.00	16.93 0.85 -1.62	20.95 1.10 0.00	27.82 1.44 0.00	7.57 0.28 -0.70	12.22 0.35 -0.34	22.38 0.43 -0.01	4.84 -0.01 0.00	4.41 0.04 0.00	6.18 0.03 0.00	4.47 0.01 0.00	2.47 0.02 0.00	7.81 0.11 0.00	17.19 0.35 0.00	22.70 0.78 0.00	32.97 1.77 0.00	47.31 3.16 0.00	48.97 3.23 0.00	38.17 2.35 0.00	33.22 1.72 -2.21	32.42 1.85 0.00

V_F_30_NSYNC___DSASP 323816	24.10 -0.02 -24.50	14.00 -0.02 -14.38	22.15 1.08 0.00	4.68 0.22 0.00	21.73 0.71 -6.56	20.85 0.99 0.00	27.59 1.21 0.00	9.73 0.31 -2.83	11.99 0.46 0.00	22.69 0.74 0.00	4.98 0.13 0.00	4.46 0.10 0.00	6.30 0.15 0.00	4.59 0.14 0.00	2.53 0.08 0.00	7.99 0.28 0.00	17.52 0.69 0.00	22.97 1.06 0.00	32.76 1.57 0.00	46.38 2.23 0.00	48.03 2.30 0.00	37.55 1.73 0.00	30.65 1.37 0.00	31.91 1.35 0.00
V_F_30_SYNC_DSASP 323786	23.65 -0.01 -24.05	13.74 -0.01 -14.12	21.71 0.63 0.00	4.59 0.13 0.00	21.30 0.41 -6.44	20.41 0.56 0.00	27.02 0.64 0.00	9.55 0.18 -2.78	11.80 0.27 0.00	22.41 0.46 0.00	10.78 0.10 -5.82	4.94 0.07 -0.51	6.25 0.11 0.00	4.55 0.10 0.00	2.51 0.06 0.00	7.92 0.21 0.00	17.35 0.52 0.00	22.64 0.73 0.00	32.06 0.87 0.00	45.11 0.96 0.00	46.68 0.94 0.00	36.53 0.71 0.00	29.92 0.64 0.00	31.19 0.63 0.00
V_XM_10_SYNC_DSASP 323789	-0.39 -0.01 0.00	-0.37 0.00 0.00	20.93 -0.15 0.00	4.45 -0.02 0.00	14.45 0.00 0.00	20.03 0.17 0.00	26.61 0.23 0.00	6.67 0.08 0.00	11.68 0.15 0.00	22.12 0.17 0.00	4.87 0.01 0.00	4.37 0.00 0.00	6.15 0.01 0.00	4.44 -0.02 0.00	2.43 -0.02 0.00	7.57 -0.13 0.00	16.58 -0.26 0.00	21.76 -0.15 0.00	31.13 -0.06 0.00	44.56 0.41 0.00	46.46 0.73 0.00	36.48 0.66 0.00	29.67 0.39 0.00	30.83 0.26 0.00
W.BABYLN_69_KV_BK1 56697	25.96 -0.06 -26.41	21.69 -0.05 -22.11	40.06 2.27 -16.72	13.19 0.45 -8.28	23.79 1.44 -7.90	23.46 1.89 -1.72	29.67 2.27 -1.02	11.64 0.63 -4.42	12.90 1.07 -0.30	26.42 2.23 -2.25	61.07 0.57 -55.65	18.82 0.51 -13.95	9.61 0.73 -2.73	22.65 0.56 -17.63	33.53 0.33 -30.74	33.09 1.08 -24.31	51.05 2.25 -31.96	42.95 2.69 -18.35	52.78 3.33 -18.25	67.46 4.13 -19.18	67.47 3.99 -17.75	48.65 3.11 -9.72	45.17 2.81 -13.07	36.59 3.01 -3.02
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.18 -0.04 -18.61	10.52 -0.04 -10.92	22.50 1.42 0.00	4.75 0.28 0.00	20.32 0.88 -4.98	21.04 1.19 0.00	27.81 1.43 0.00	9.14 0.40 -2.15	12.25 0.72 0.00	23.42 1.48 0.00	-57.27 0.37 62.49	-0.78 0.34 5.49	6.66 0.52 0.00	4.86 0.40 0.00	2.70 0.25 0.00	8.54 0.83 0.00	18.55 1.72 0.00	23.93 2.02 0.00	33.68 2.49 0.00	47.05 2.90 0.00	48.47 2.74 0.00	37.87 2.05 0.00	31.12 1.83 0.00	32.40 1.83 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.27 -0.04 -19.70	11.66 -0.04 -12.07	22.67 1.59 0.00	4.78 0.31 0.00	20.57 0.99 -5.13	21.19 1.33 0.00	27.99 1.61 0.00	9.27 0.46 -2.21	12.38 0.85 0.00	23.67 1.73 0.00	51.40 0.45 -46.10	8.82 0.41 -4.04	6.75 0.61 0.00	4.93 0.47 0.00	2.73 0.28 0.00	8.65 0.94 0.00	18.75 1.92 0.00	24.18 2.27 0.00	33.93 2.73 0.00	47.29 3.15 0.00	48.68 2.95 0.00	38.07 2.25 0.00	31.30 2.02 0.00	32.64 2.08 0.00
W50THST__13_KV_LOAD 356117	19.27 -0.04 -19.70	11.66 -0.04 -12.07	22.74 1.66 0.00	4.79 0.33 0.00	20.62 1.04 -5.13	21.25 1.39 0.00	28.08 1.70 0.00	9.29 0.48 -2.21	12.42 0.89 0.00	23.76 1.82 0.00	51.42 0.47 -46.10	8.84 0.43 -4.04	6.78 0.64 0.00	4.95 0.49 0.00	2.75 0.30 0.00	8.70 0.99 0.00	18.85 2.01 0.00	24.29 2.38 0.00	34.06 2.86 0.00	47.47 3.32 0.00	48.87 3.15 0.00	38.23 2.41 0.00	31.43 2.15 0.00	32.77 2.21 0.00
WADING RIVER_IC_1 23522	21.42 -0.06 -21.87	14.92 -0.06 -15.35	29.89 2.44 -6.37	7.20 0.49 -2.25	20.48 1.55 -4.48	20.26 2.01 1.61	26.90 2.38 1.86	10.26 0.65 -3.01	12.30 1.10 0.33	23.82 2.30 0.42	54.24 0.60 -48.78	12.44 0.53 -7.54	5.73 0.76 1.17	17.60 0.58 -12.57	26.74 0.35 -23.94	20.72 1.14 -11.87	34.53 2.39 -15.30	31.18 2.87 -6.39	40.77 3.63 -5.94	54.38 4.55 -5.68	54.95 4.20 -5.01	42.73 3.22 -3.69	37.25 2.99 -4.98	32.59 3.18 1.15
WADING RIVER_IC_2 23547	21.42 -0.06 -21.87	14.92 -0.06 -15.35	29.89 2.44 -6.37	7.20 0.49 -2.25	20.48 1.55 -4.48	20.26 2.01 1.61	26.90 2.38 1.86	10.26 0.65 -3.01	12.30 1.10 0.33	23.82 2.30 0.42	54.24 0.60 -48.78	12.44 0.53 -7.54	5.73 0.76 1.17	17.60 0.58 -12.57	26.74 0.35 -23.94	20.72 1.14 -11.87	34.53 2.39 -15.30	31.18 2.87 -6.39	40.77 3.63 -5.94	54.38 4.55 -5.68	54.95 4.20 -5.01	42.73 3.22 -3.69	37.25 2.99 -4.98	32.59 3.18 1.15
WADING RIVER_IC_3 23601	21.42 -0.06 -21.87	14.92 -0.06 -15.35	29.89 2.44 -6.37	7.20 0.49 -2.25	20.48 1.55 -4.48	20.26 2.01 1.61	26.90 2.38 1.86	10.26 0.65 -3.01	12.30 1.10 0.33	23.82 2.30 0.42	54.24 0.60 -48.78	12.44 0.53 -7.54	5.73 0.76 1.17	17.60 0.58 -12.57	26.74 0.35 -23.94	20.72 1.14 -11.87	34.53 2.39 -15.30	31.18 2.87 -6.39	40.77 3.63 -5.94	54.38 4.55 -5.68	54.95 4.20 -5.01	42.73 3.22 -3.69	37.25 2.99 -4.98	32.59 3.18 1.15
WALDENNY_12_KV_BK2 80841	2.80 0.01 -3.18	1.52 0.02 -1.87	19.84 -1.24 0.00	4.19 -0.27 0.00	14.30 -1.00 -0.85	18.51 -1.34 0.00	24.65 -1.73 0.00	6.42 -0.53 -0.35	8.57 -1.05 1.91	19.93 -1.97 0.04	4.39 -0.46 0.00	4.01 -0.36 0.00	5.61 -0.54 0.00	4.07 -0.38 0.00	2.30 -0.15 0.00	7.17 -0.54 0.00	15.54 -1.30 0.00	20.04 -1.87 0.00	28.54 -2.66 0.00	40.39 -3.76 0.00	41.54 -4.19 0.00	32.58 -3.24 0.00	24.94 -2.88 1.47	27.81 -2.75 0.00
WALDEN__HYDRO 24148	18.23 -0.03 -18.66	10.55 -0.03 -10.95	22.40 1.32 0.00	4.73 0.26 0.00	20.28 0.83 -5.00	20.98 1.12 0.00	27.74 1.36 0.00	9.12 0.38 -2.16	12.20 0.67 0.00	23.28 1.33 0.00	-8.25 0.33 13.43	3.49 0.30 1.18	6.59 0.45 0.00	4.81 0.35 0.00	2.66 0.21 0.00	8.43 0.72 0.00	18.33 1.50 0.00	23.71 1.80 0.00	33.46 2.26 0.00	46.86 2.72 0.00	48.35 2.61 0.00	37.78 1.97 0.00	31.00 1.72 0.00	32.28 1.71 0.00
WARRENSBURG____ 23737	24.15 -0.02 -24.56	14.02 -0.02 -14.41	22.11 1.04 0.00	4.68 0.22 0.00	21.71 0.68 -6.58	20.83 0.97 0.00	27.56 1.18 0.00	9.73 0.30 -2.84	11.97 0.44 0.00	22.59 0.65 0.00	4.95 0.10 0.00	4.43 0.06 0.00	6.27 0.12 0.00	4.58 0.12 0.00	2.52 0.07 0.00	7.96 0.25 0.00	17.51 0.68 0.00	22.99 1.08 0.00	32.83 1.64 0.00	46.54 2.39 0.00	48.24 2.51 0.00	37.71 1.89 0.00	30.74 1.46 0.00	31.92 1.36 0.00
WATERSIDE____6 8 9 23538	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.72 1.64 0.00	4.79 0.32 0.00	20.60 1.02 -5.13	21.23 1.37 0.00	28.06 1.68 0.00	9.29 0.48 -2.22	12.42 0.89 0.00	23.75 1.81 -0.01	51.32 0.46 -46.01	8.81 0.41 -4.04	6.76 0.61 0.00	4.93 0.48 0.00	2.74 0.29 0.00	8.66 0.95 0.00	18.78 1.95 0.00	21.40 2.30 2.81	30.46 2.75 3.49	46.90 3.19 0.44	48.77 3.04 0.00	35.35 2.29 2.76	28.06 2.06 3.29	30.21 2.08 2.43
WATKINRD_115KV_LN8_ILLION 55919	-0.39 0.01 0.00	-0.37 0.00 0.00	21.05 -0.02 0.00	4.46 0.00 0.00	14.45 0.00 0.00	19.81 -0.04 0.00	26.29 -0.09 0.00	6.56 -0.04 0.00	11.40 -0.12 0.00	21.63 -0.31 0.00	4.77 -0.08 0.00	4.29 -0.08 0.00	6.03 -0.11 0.00	4.38 -0.07 0.00	2.42 -0.04 0.00	7.62 -0.08 0.00	16.70 -0.14 0.00	21.82 -0.09 0.00	31.10 -0.09 0.00	44.03 -0.12 0.00	45.64 -0.09 0.00	35.68 -0.14 0.00	29.18 -0.10 0.00	30.45 -0.11 0.00

WDELAWARE___HYD 323627	17.17 -0.03 -17.59	9.92 -0.03 -10.33	22.52 1.44 0.00	4.76 0.29 0.00	20.09 0.93 -4.71	21.11 1.25 0.00	27.93 1.56 0.00	9.04 0.42 -2.03	12.24 0.72 0.00	23.33 1.39 0.00	-5.30 0.33 10.48	3.74 0.30 0.92	6.58 0.44 0.00	4.79 0.34 0.00	2.65 0.20 0.00	8.40 0.69 0.00	18.27 1.43 0.00	23.68 1.77 0.00	33.54 2.34 0.00	47.18 3.04 0.00	48.71 2.98 0.00	38.06 2.24 0.00	31.18 1.90 0.00	32.45 1.89 0.00
WEST BABYLON___IC 23714	25.96 -0.06 -26.41	21.69 -0.05 -22.11	40.06 2.27 -16.72	13.19 0.45 -8.28	23.79 1.44 -7.90	23.46 1.89 -1.72	29.67 2.27 -1.02	11.64 0.63 -4.42	12.90 1.07 -0.30	26.42 2.23 -2.25	61.07 0.57 -55.65	18.82 0.51 -13.95	9.61 0.73 -2.73	22.65 0.56 -17.63	33.53 0.33 -30.74	33.09 1.08 -24.31	51.05 2.25 -31.96	42.95 2.69 -18.35	52.78 3.33 -18.25	67.46 4.13 -19.18	67.47 3.99 -17.75	48.65 3.11 -9.72	45.17 2.81 -13.07	36.59 3.01 -3.02
WEST CANADA___HYD 24049	-0.39 0.00 0.00	-0.37 0.00 0.00	21.14 0.07 0.00	4.48 0.01 0.00	14.48 0.03 0.00	19.89 0.04 0.00	26.41 0.03 0.00	6.60 0.01 0.00	11.53 0.00 0.00	21.94 0.00 0.00	4.85 0.00 0.00	4.36 0.00 0.00	6.14 0.00 0.00	4.46 0.00 0.00	2.46 0.00 0.00	7.73 0.03 0.00	16.90 0.06 0.00	21.99 0.08 0.00	31.26 0.07 0.00	44.19 0.05 0.00	45.77 0.04 0.00	35.82 0.00 0.00	29.29 0.01 0.00	30.57 0.00 0.00
WESTERN_NY_WIND 24143	2.34 0.01 -2.72	1.24 0.02 -1.60	20.04 -1.03 0.00	4.24 -0.22 0.00	14.34 -0.84 -0.73	18.73 -1.12 0.00	24.99 -1.39 0.00	6.44 -0.46 -0.31	9.50 -1.01 1.02	19.90 -2.03 0.02	4.39 -0.46 0.00	3.99 -0.37 0.00	5.58 -0.56 0.00	4.05 -0.40 0.00	2.29 -0.17 0.00	7.10 -0.61 0.00	15.43 -1.40 0.00	20.13 -1.77 0.00	28.62 -2.57 0.00	40.87 -3.28 0.00	42.35 -3.38 0.00	33.28 -2.54 0.00	25.84 -2.33 1.11	28.32 -2.25 0.00
WESTOVER___LESR 323668	5.95 0.00 -6.34	3.36 0.00 -3.72	21.15 0.07 0.00	4.48 0.01 0.00	16.19 0.05 -1.70	19.91 0.06 0.00	26.38 0.00 0.00	7.31 -0.02 -0.73	11.45 -0.08 0.00	21.82 -0.12 0.00	4.80 -0.05 0.00	4.36 -0.01 0.00	6.12 -0.02 0.00	4.44 -0.01 0.00	2.46 0.01 0.00	7.74 0.04 0.00	16.87 0.04 0.00	21.88 -0.03 0.00	31.12 -0.07 0.00	44.01 -0.14 0.00	45.44 -0.29 0.00	35.51 -0.31 0.00	28.18 -0.32 0.78	30.26 -0.30 0.00
WETHRSFD_WT_PWR 323626	3.25 0.01 -3.64	1.79 0.02 -2.13	19.95 -1.14 0.00	4.22 -0.24 0.00	14.51 -0.92 -0.97	18.61 -1.25 0.00	24.71 -1.67 0.00	6.47 -0.50 -0.38	4.04 -1.02 6.46	19.89 -1.91 0.14	4.40 -0.46 0.00	4.02 -0.35 0.00	5.62 -0.53 0.00	4.08 -0.37 0.00	2.29 -0.16 0.00	7.17 -0.54 0.00	15.57 -1.27 0.00	20.11 -1.79 0.00	28.77 -2.43 0.00	40.85 -3.30 0.00	42.19 -3.54 0.00	32.95 -2.87 0.00	24.68 -2.56 2.04	28.00 -2.56 0.00
WHAVSTOR_138KV_BK127 55557	18.21 -0.04 -18.64	10.54 -0.03 -10.94	22.42 1.34 0.00	4.73 0.27 0.00	20.27 0.83 -4.99	20.97 1.11 0.00	27.71 1.33 0.00	9.12 0.38 -2.15	12.21 0.69 0.00	23.35 1.41 0.00	-58.42 0.35 63.63	-0.89 0.33 5.59	6.64 0.49 0.00	4.84 0.39 0.00	2.69 0.23 0.00	8.50 0.80 0.00	18.47 1.63 0.00	23.82 1.91 0.00	33.53 2.33 0.00	46.82 2.67 0.00	48.25 2.51 0.00	37.70 1.88 0.00	30.98 1.70 0.00	32.28 1.71 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.21 -0.04 -18.64	10.54 -0.03 -10.94	22.42 1.34 0.00	4.73 0.27 0.00	20.27 0.83 -4.99	20.97 1.11 0.00	27.71 1.33 0.00	9.12 0.38 -2.15	12.21 0.69 0.00	23.35 1.41 0.00	-58.42 0.35 63.63	-0.89 0.33 5.59	6.64 0.49 0.00	4.84 0.39 0.00	2.69 0.23 0.00	8.50 0.80 0.00	18.47 1.63 0.00	23.82 1.91 0.00	33.53 2.33 0.00	46.82 2.67 0.00	48.25 2.51 0.00	37.70 1.88 0.00	30.98 1.70 0.00	32.28 1.71 0.00
WHITEHAL_115KV_TB1 80871	24.12 -0.02 -24.53	14.01 -0.02 -14.40	22.25 1.18 0.00	4.71 0.25 0.00	21.81 0.78 -6.57	21.00 1.14 0.00	27.72 1.34 0.00	9.79 0.36 -2.83	12.09 0.56 0.00	22.57 0.62 0.00	4.93 0.07 0.00	4.40 0.04 0.00	6.28 0.13 0.00	4.65 0.19 0.00	2.55 0.10 0.00	8.07 0.36 0.00	17.83 0.99 0.00	23.42 1.51 0.00	33.35 2.16 0.00	47.33 3.18 0.00	49.25 3.52 0.00	38.56 2.74 0.00	31.35 2.07 0.00	32.37 1.80 0.00
WHITEPLN_13_KV_LOAD 356215	18.70 -0.04 -19.13	10.82 -0.04 -11.23	22.67 1.59 0.00	4.78 0.31 0.00	20.57 1.00 -5.12	21.20 1.34 0.00	28.02 1.65 0.00	9.26 0.46 -2.21	12.36 0.83 0.00	23.63 1.68 0.00	53.03 0.42 -47.76	8.95 0.39 -4.19	6.72 0.58 0.00	4.90 0.45 0.00	2.72 0.27 0.00	8.61 0.90 0.00	18.71 1.87 0.00	24.15 2.24 0.00	33.98 2.78 0.00	47.47 3.32 0.00	48.88 3.15 0.00	38.21 2.38 0.00	31.38 2.10 0.00	32.68 2.11 0.00
WM_FLOYD_69_KV_BK2 356380	21.51 -0.06 -21.96	15.06 -0.06 -15.49	30.10 2.44 -6.58	7.32 0.49 -2.37	20.54 1.55 -4.54	20.33 2.02 1.54	26.99 2.42 1.80	10.29 0.66 -3.04	12.33 1.12 0.32	23.88 2.31 0.37	54.37 0.60 -48.93	12.56 0.52 -7.67	5.80 0.75 1.10	17.70 0.57 -12.67	26.87 0.34 -24.08	20.96 1.13 -12.12	34.84 2.36 -15.64	31.38 2.84 -6.64	40.97 3.58 -6.19	54.54 4.44 -5.95	55.17 4.17 -5.27	42.86 3.23 -3.81	37.41 2.99 -5.15	32.68 3.18 1.07
WOODARD___115KV_TB2 355635	1.30 0.00 -1.68	0.62 0.00 -0.99	20.77 -0.31 0.00	4.39 -0.06 0.00	14.66 -0.24 -0.45	19.53 -0.32 0.00	25.93 -0.45 0.00	6.65 -0.13 -0.19	11.23 -0.30 0.00	21.39 -0.56 0.00	4.72 -0.13 0.00	4.26 -0.11 0.00	5.99 -0.15 0.00	4.35 -0.11 0.00	2.40 -0.05 0.00	7.55 -0.15 0.00	16.50 -0.34 0.00	21.44 -0.47 0.00	30.52 -0.67 0.00	43.21 -0.94 0.00	44.73 -1.00 0.00	35.01 -0.81 0.00	28.57 -0.71 0.00	29.83 -0.74 0.00
WOODMERE_69_KV_BK1 55827	62.07 -0.05 -62.51	77.87 -0.04 -78.28	130.49 2.00 -107.41	63.27 0.41 -58.40	51.87 1.29 -36.12	51.24 1.71 -29.68	55.05 2.10 -26.58	23.85 0.58 -16.67	18.18 1.02 -5.63	48.28 2.13 -24.20	120.71 0.54 -115.31	73.15 0.49 -68.30	42.00 0.71 -35.15	56.32 0.53 -51.33	75.66 0.31 -72.90	137.38 1.03 -128.64	192.70 2.07 -173.79	147.35 2.43 -123.00	160.20 3.07 -125.94	185.35 3.83 -137.37	178.32 3.50 -129.09	101.14 2.71 -62.60	115.68 2.41 -83.99	74.53 2.65 -41.32
YORK___WARBASSE 23770	19.61 -0.04 -20.04	12.18 -0.03 -12.59	22.75 1.67 0.00	4.79 0.33 0.00	20.61 1.03 -5.13	21.25 1.40 0.00	28.10 1.72 0.00	9.30 0.49 -2.22	12.42 0.89 0.00	23.76 1.81 -0.01	51.33 0.46 -46.01	8.82 0.42 -4.04	6.76 0.62 0.00	4.94 0.48 0.00	2.74 0.29 0.00	8.68 0.97 0.00	18.83 1.99 0.00	37.78 2.36 -13.51	50.73 2.78 -16.75	49.45 3.20 -2.10	48.95 3.21 0.00	51.53 2.47 -13.24	47.28 2.21 -15.79	44.47 2.23 -11.67