

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/28/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	15.70	12.41	11.82	9.01	11.93	14.67	20.28	26.02	26.38	28.31	28.43	27.94	24.42	30.88	26.06	30.07	32.43	37.86	51.09	41.84	53.17	67.74	67.74	16.91
24138	1.13	0.46	0.67	0.32	0.16	1.22	1.62	2.03	2.09	2.38	2.30	2.43	1.97	2.77	2.34	2.58	2.67	3.08	4.00	3.30	4.01	4.61	1.70	1.36
	0.00	-6.70	-3.47	-5.23	-9.97	-0.13	-0.30	0.00	-1.34	0.00	-2.17	0.00	-2.30	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	15.69	12.40	11.81	9.00	11.93	14.64	20.27	26.00	26.35	28.26	28.36	27.87	24.36	30.80	25.99	29.99	32.36	37.80	51.04	41.77	53.09	67.67	24.68	16.89
24260	1.11	0.45	0.66	0.31	0.16	1.20	1.62	2.02	2.06	2.33	2.23	2.37	1.92	2.69	2.26	2.51	2.60	3.01	3.95	3.23	3.93	4.54	1.67	1.34
	0.00	-6.70	-3.47	-5.23	-9.97	-0.13	-0.30	0.00	-1.34	0.00	-2.17	0.00	-2.30	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	15.69	12.40	11.81	9.00	11.93	14.64	20.27	26.00	26.35	28.26	28.36	27.87	24.36	30.80	25.99	29.99	32.36	37.80	51.04	41.77	53.09	67.67	24.68	16.89
24261	1.11	0.45	0.66	0.31	0.16	1.20	1.62	2.02	2.06	2.33	2.23	2.37	1.92	2.69	2.26	2.51	2.60	3.01	3.95	3.23	3.93	4.54	1.67	1.34
	0.00	-6.70	-3.47	-5.23	-9.97	-0.13	-0.30	0.00	-1.34	0.00	-2.17	0.00	-2.30	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	15.32	14.09	12.53	10.31	14.60	14.30	19.97	25.56	26.15	27.54	28.29	27.21	24.48	30.20	25.43	29.45	31.75	37.15	50.36	41.23	52.17	66.70	24.22	16.37
24011	0.75	0.31	0.44	0.20	0.10	0.82	1.23	1.58	1.49	1.61	1.57	1.71	1.41	2.09	1.70	1.96	1.99	2.37	3.26	2.69	3.01	3.57	1.21	0.82
	0.00	-8.52	-4.42	-6.65	-12.68	-0.16	-0.38	0.00	-1.71	0.00	-2.76	0.00	-2.92	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	15.34	14.11	12.55	10.32	14.61	14.33	20.06	25.68	26.25	27.64	28.39	27.32	24.59	30.33	25.53	29.56	31.92	37.34	50.68	41.53	52.37	66.98	24.32	16.42
23798	0.76	0.33	0.46	0.20	0.11	0.85	1.32	1.70	1.59	1.71	1.67	1.81	1.52	2.23	1.81	2.08	2.16	2.56	3.58	2.99	3.21	3.85	1.31	0.87
	0.00	-8.53	-4.42	-6.65	-12.69	-0.16	-0.38	0.00	-1.71	0.00	-2.76	0.00	-2.92	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	15.32	14.09	12.53	10.31	14.60	14.30	19.97	25.56	26.15	27.54	28.29	27.21	24.48	30.20	25.43	29.45	31.75	37.15	50.36	41.23	52.17	66.70	24.22	16.37
24028	0.75	0.31	0.44	0.20	0.10	0.82	1.23	1.58	1.49	1.61	1.57	1.71	1.41	2.09	1.70	1.96	1.99	2.37	3.26	2.69	3.01	3.57	1.21	0.82
	0.00	-8.52	-4.42	-6.65	-12.68	-0.16	-0.38	0.00	-1.71	0.00	-2.76	0.00	-2.92	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	15.57	13.90	12.54	10.15	14.19	14.47	20.02	25.54	26.12	27.56	28.23	27.21	24.39	30.09	25.36	29.27	31.33	36.61	49.48	40.47	51.81	66.54	24.20	16.47
23527	1.00	0.42	0.61	0.27	0.14	1.00	1.29	1.56	1.51	1.63	1.61	1.71	1.42	1.98	1.63	1.79	1.57	1.83	2.39	1.93	2.65	3.41	1.19	0.91
	0.00	-8.22	-4.26	-6.42	-12.24	-0.16	-0.37	0.00	-1.65	0.00	-2.66	0.00	-2.82	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	15.00	13.70	12.25	10.03	14.13	13.98	19.34	24.66	25.31	26.67	27.38	26.31	23.64	29.05	24.51	28.34	30.61	35.81	48.40	39.57	50.43	64.59	23.54	16.01
24190	0.42	0.21	0.31	0.15	0.08	0.50	0.61	0.68	0.71	0.74	0.75	0.81	0.67	0.94	0.79	0.85	0.85	1.02	1.31	1.03	1.27	1.47	0.53	0.46
	0.00	-8.23	-4.27	-6.42	-12.25	-0.16	-0.37	0.00	-1.65	0.00	-2.67	0.00	-2.82	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	14.41	5.14	7.51	-11.32	-6.32	12.98	17.95	23.53	22.48	25.41	-9.67	-1.76	-11.29	27.54	23.27	27.00	29.29	34.23	46.42	37.98	48.46	62.31	22.80	15.25
355683	-0.17	-0.12	-0.17	-0.09	-0.05	-0.33	-0.40	-0.45	-0.47	-0.52	-0.52	-0.50	-0.40	-0.56	-0.46	-0.48	-0.47	-0.55	-0.67	-0.57	-0.70	-0.82	-0.21	-0.30
	0.00	0.00	0.00	14.70	8.08	0.00	0.00	0.00	0.00	0.00	33.11	26.77	31.04	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	15.23	13.61	12.27	9.96	13.93	14.17	19.63	25.04	25.60	27.01	27.62	26.63	23.81	29.38	24.84	28.73	31.07	36.39	49.23	40.25	51.28	65.73	23.94	16.27
323833	0.65	0.28	0.40	0.19	0.10	0.70	0.91	1.06	1.03	1.08	1.05	1.13	0.89	1.27	1.11	1.24	1.31	1.61	2.13	1.71	2.12	2.60	0.93	0.71
	0.00	-8.08	-4.19	-6.30	-12.02	-0.15	-0.36	0.00	-1.62	0.00	-2.62	0.00	-2.77	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	15.23	13.61	12.26	9.96	13.93	14.16	19.62	25.04	25.60	27.00	27.61	26.62	23.81	29.38	24.83	28.72	31.06	36.38	49.21	40.25	51.27	65.71	23.93	16.26
323834	0.65	0.28	0.40	0.19	0.10	0.69	0.90	1.05	1.03	1.07	1.03	1.12	0.89	1.27	1.10	1.24	1.30	1.60	2.12	1.70	2.12	2.58	0.92	0.70
	0.00	-8.08	-4.19	-6.30	-12.02	-0.15	-0.36	0.00	-1.62	0.00	-2.62	0.00	-2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	15.00	13.70	12.25	10.03	14.13	13.98	19.34	24.66	25.31	26.67	27.38	26.31	23.64	29.05	24.51	28.34	30.61	35.81	48.40	39.57	50.43	64.59	23.54	16.01
23571	0.42	0.21	0.31	0.15	0.08	0.50	0.61	0.68	0.71	0.74	0.75	0.81	0.67	0.94	0.79	0.85	0.85	1.02	1.31	1.03	1.27	1.47	0.53	0.46
	0.00	-8.23	-4.27	-6.42	-12.25	-0.16	-0.37	0.00	-1.65	0.00	-2.67	0.00	-2.82	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	15.00 0.42 0.00	13.70 0.21 -8.23	12.25 0.31 -4.27	10.03 0.15 -6.42	14.13 0.08 -12.25	13.98 0.50 -0.16	19.34 0.61 -0.37	24.66 0.68 0.00	25.31 0.71 -1.65	26.67 0.74 0.00	27.38 0.75 -2.67	26.31 0.81 0.00	23.64 0.67 -2.82	29.05 0.94 0.00	24.51 0.79 0.00	28.34 0.85 0.00	30.61 0.85 0.00	35.81 1.02 0.00	48.40 1.31 0.00	39.57 1.03 0.00	50.43 1.27 0.00	64.59 1.47 0.00	23.54 0.53 0.00	16.01 0.46 0.00
ALBANY___3 23573	15.00 0.42 0.00	13.70 0.21 -8.23	12.25 0.31 -4.27	10.03 0.15 -6.42	14.13 0.08 -12.25	13.98 0.50 -0.16	19.34 0.61 -0.37	24.66 0.68 0.00	25.31 0.71 -1.65	26.67 0.74 0.00	27.38 0.75 -2.67	26.31 0.81 0.00	23.64 0.67 -2.82	29.05 0.94 0.00	24.51 0.79 0.00	28.34 0.85 0.00	30.61 0.85 0.00	35.81 1.02 0.00	48.40 1.31 0.00	39.57 1.03 0.00	50.43 1.27 0.00	64.59 1.47 0.00	23.54 0.53 0.00	16.01 0.46 0.00
ALBANY___4 23574	15.00 0.42 0.00	13.70 0.21 -8.23	12.25 0.31 -4.27	10.03 0.15 -6.42	14.13 0.08 -12.25	13.98 0.50 -0.16	19.34 0.61 -0.37	24.66 0.68 0.00	25.31 0.71 -1.65	26.67 0.74 0.00	27.38 0.75 -2.67	26.31 0.81 0.00	23.64 0.67 -2.82	29.05 0.94 0.00	24.51 0.79 0.00	28.34 0.85 0.00	30.61 0.85 0.00	35.81 1.02 0.00	48.40 1.31 0.00	39.57 1.03 0.00	50.43 1.27 0.00	64.59 1.47 0.00	23.54 0.53 0.00	16.01 0.46 0.00
ALBANY___LFGE 323615	15.12 0.55 0.00	13.77 0.25 -8.26	12.32 0.37 -4.28	10.08 0.17 -6.44	14.18 0.09 -12.28	14.09 0.61 -0.16	19.51 0.79 -0.37	24.89 0.91 0.00	25.54 0.93 -1.66	26.92 0.99 0.00	27.62 0.99 -2.67	26.58 1.08 0.00	23.85 0.87 -2.83	29.34 1.23 0.00	24.76 1.03 0.00	28.62 1.13 0.00	30.91 1.15 0.00	36.16 1.38 0.00	48.87 1.78 0.00	39.95 1.40 0.00	50.89 1.73 0.00	65.16 2.03 0.00	23.75 0.74 0.00	16.14 0.59 0.00
ALCOA_PA_115KV_PL-6C 55860	14.46 -0.12 0.00	5.16 -0.10 0.00	7.53 -0.14 0.00	-10.83 -0.08 14.22	-6.05 -0.04 7.82	13.00 -0.31 0.00	18.04 -0.32 0.00	23.79 -0.33 -0.15	23.36 -0.36 -0.77	26.69 -0.40 -1.16	-8.18 -0.40 31.74	-0.23 -0.34 25.39	-9.89 -0.28 29.76	29.02 -0.38 -1.29	24.64 -0.31 -1.22	28.43 -0.34 -1.29	30.84 -0.29 -1.37	35.98 -0.33 -1.53	48.53 -0.42 -1.86	39.80 -0.31 -1.57	50.62 -0.38 -1.84	64.71 -0.42 -2.00	24.17 -0.03 -1.19	16.31 -0.25 -1.00
ALCOA_RYNLDS___DRP 24188	14.46 -0.12 0.00	5.16 -0.10 0.00	7.53 -0.14 0.00	-10.83 -0.08 14.22	-6.05 -0.04 7.82	13.00 -0.31 0.00	18.04 -0.32 0.00	23.79 -0.33 -0.15	23.36 -0.36 -0.77	26.69 -0.40 -1.16	-8.18 -0.40 31.74	-0.23 -0.34 25.39	-9.89 -0.28 29.76	29.02 -0.38 -1.29	24.64 -0.31 -1.22	28.43 -0.34 -1.29	30.84 -0.29 -1.37	35.98 -0.33 -1.53	48.53 -0.42 -1.86	39.80 -0.31 -1.57	50.62 -0.38 -1.84	64.71 -0.42 -2.00	24.17 -0.03 -1.19	16.31 -0.25 -1.00
ALCOA___DSASP 323711	14.46 -0.12 0.00	5.16 -0.10 0.00	7.53 -0.14 0.00	-10.83 -0.08 14.22	-6.05 -0.04 7.82	13.00 -0.31 0.00	18.04 -0.32 0.00	23.79 -0.33 -0.15	23.36 -0.36 -0.77	26.69 -0.40 -1.16	-8.18 -0.40 31.74	-0.23 -0.34 25.39	-9.89 -0.28 29.76	29.01 -0.38 -1.29	24.64 -0.31 -1.22	28.44 -0.34 -1.29	30.83 -0.30 -1.37	35.98 -0.33 -1.53	48.52 -0.43 -1.86	39.79 -0.32 -1.57	50.62 -0.38 -1.84	64.71 -0.42 -2.00	24.17 -0.03 -1.19	16.30 -0.25 -1.00
ALLEGHENY___COGEN 23514	14.23 -0.34 0.00	6.60 -0.05 -1.39	8.26 -0.13 -0.72	4.51 -0.04 -1.08	3.86 -0.01 -2.07	13.14 -0.20 -0.03	18.24 -0.18 -0.06	23.84 -0.14 0.00	23.02 -0.21 -0.28	25.72 -0.21 0.00	23.83 -0.58 -0.45	24.75 -0.76 0.00	19.81 -0.81 -0.48	27.26 -0.85 0.00	23.30 -0.43 0.00	27.39 -0.10 0.00	29.77 0.01 0.00	35.00 0.22 0.00	47.73 0.64 0.00	39.24 0.70 0.00	50.14 0.98 0.00	64.07 0.94 0.00	23.12 0.11 0.00	15.77 0.22 0.00
ALTAMONT_115KV_TB 2 55880	15.07 0.49 0.00	13.71 0.21 -8.24	12.25 0.31 -4.27	10.04 0.14 -6.43	14.14 0.07 -12.26	14.01 0.54 -0.16	19.44 0.72 -0.37	24.84 0.86 0.00	25.47 0.86 -1.65	26.86 0.93 0.00	27.53 0.91 -2.67	26.48 0.97 0.00	23.76 0.79 -2.83	29.22 1.11 0.00	24.66 0.93 0.00	28.53 1.04 0.00	30.81 1.05 0.00	36.03 1.25 0.00	48.74 1.65 0.00	39.87 1.33 0.00	50.79 1.63 0.00	65.07 1.94 0.00	23.71 0.69 0.00	16.11 0.55 0.00
ALTONA_WT_PWR 323606	14.37 -0.21 0.00	5.16 -0.09 0.00	7.53 -0.14 0.00	-11.22 -0.14 14.55	-6.26 -0.07 8.00	12.57 -0.75 0.00	17.55 -0.81 0.00	17.48 -1.03 5.48	-7.20 -1.19 28.95	-18.74 -1.31 43.36	-20.99 -1.18 43.77	-20.99 -1.19 45.31	-21.43 -0.92 40.66	-21.31 -1.29 48.13	-23.05 -1.06 45.71	-21.98 -1.27 48.19	-22.61 -1.37 51.01	-23.64 -1.52 56.90	-23.60 -2.00 68.69	-21.29 -1.61 58.23	-21.09 -2.09 68.16	-13.54 -2.50 74.17	-21.98 -0.79 44.20	-22.19 -0.72 37.02
AMERICAN_REF_FUEL 24010	13.15 -1.43 0.00	5.84 -0.50 -1.08	7.48 -0.75 -0.56	3.99 -0.32 -0.84	3.25 -0.17 -1.60	12.10 -1.24 -0.02	16.50 -1.90 -0.05	21.37 -2.61 0.00	20.60 -2.57 -0.22	23.22 -2.71 0.00	21.29 -3.02 -0.35	22.24 -3.26 0.00	18.00 -2.52 -0.37	24.99 -3.12 0.00	21.05 -2.67 0.00	24.63 -2.86 0.00	26.71 -3.05 0.00	31.00 -3.78 0.00	42.27 -4.82 0.00	34.69 -3.85 0.00	44.57 -4.59 0.00	57.00 -6.13 0.00	20.80 -2.21 0.00	14.33 -1.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.31 -1.26 0.00	6.04 -0.41 -1.19	7.67 -0.62 -0.62	4.14 -0.26 -0.93	3.43 -0.15 -1.77	12.34 -0.99 -0.02	17.02 -1.39 -0.05	21.89 -2.09 0.00	21.13 -2.06 -0.24	23.63 -2.30 0.00	21.79 -2.56 -0.39	22.81 -2.70 0.00	18.63 -1.93 -0.41	25.75 -2.36 0.00	21.77 -1.95 0.00	25.86 -1.62 0.00	28.13 -1.63 0.00	32.76 -2.03 0.00	44.23 -2.86 0.00	36.40 -2.14 0.00	46.80 -2.36 0.00	59.73 -3.40 0.00	21.65 -1.36 0.00	14.82 -0.73 0.00
ARTHUR KILL_GT_1 23520	15.64 1.06 0.00	12.39 0.43 -6.70	11.78 0.63 -3.47	8.99 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.24 1.58 -0.30	25.92 1.93 0.00	26.24 1.94 -1.34	28.11 2.18 0.00	28.22 2.09 -2.17	27.73 2.22 0.00	24.22 1.78 -2.30	30.62 2.52 0.00	25.83 2.11 0.00	29.69 2.21 0.00	32.07 2.31 0.00	37.62 2.83 0.00	50.87 3.78 0.00	41.73 3.18 0.00	53.02 3.86 0.00	67.52 4.39 0.00	24.69 1.68 0.00	16.92 1.36 0.00
ARTHUR_KILL_2 23512	15.60 1.02 0.00	12.38 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.93 0.15 -9.97	14.56 1.11 -0.13	20.18 1.52 -0.30	25.84 1.86 0.00	26.17 1.87 -1.34	28.02 2.09 0.00	28.15 2.02 -2.17	27.65 2.14 0.00	24.16 1.71 -2.30	30.52 2.42 0.00	25.76 2.03 0.00	29.60 2.12 0.00	31.98 2.22 0.00	37.50 2.72 0.00	50.72 3.63 0.00	41.61 3.06 0.00	52.88 3.71 0.00	67.33 4.21 0.00	24.63 1.62 0.00	16.88 1.32 0.00
ARTHUR_KILL_3 23513	15.56 0.99 0.00	12.36 0.41 -6.70	11.74 0.60 -3.47	8.98 0.28 -5.23	11.92 0.14 -9.97	14.53 1.09 -0.13	20.10 1.44 -0.30	25.75 1.77 0.00	26.11 1.81 -1.34	27.97 2.04 0.00	28.10 1.97 -2.17	27.59 2.08 0.00	24.13 1.69 -2.30	30.48 2.37 0.00	25.72 2.00 0.00	29.67 2.18 0.00	32.00 2.24 0.00	37.38 2.60 0.00	50.50 3.40 0.00	41.33 2.79 0.00	52.51 3.35 0.00	66.94 3.81 0.00	24.44 1.43 0.00	16.74 1.18 0.00

ARTHUR_KILL_COGEN 323718	15.64 1.06 0.00	12.39 0.43 -6.70	11.78 0.63 -3.47	8.99 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.24 1.58 -0.30	25.92 1.93 0.00	26.24 1.94 -1.34	28.11 2.18 0.00	28.22 2.09 -2.17	27.73 2.22 0.00	24.22 1.78 -2.30	30.62 2.52 0.00	25.83 2.11 0.00	29.69 2.21 0.00	32.07 2.31 0.00	37.62 2.83 0.00	50.87 3.78 0.00	41.73 3.18 0.00	53.02 3.86 0.00	67.52 4.39 0.00	24.69 1.68 0.00	16.92 1.36 0.00
ASHOKAN____ 23654	15.32 0.74 0.00	12.99 0.29 -7.45	11.94 0.41 -3.86	9.47 0.19 -5.81	12.98 0.09 -11.08	14.26 0.80 -0.14	19.80 1.11 -0.33	25.39 1.41 0.00	25.87 1.42 -1.50	27.53 1.60 0.00	27.86 1.49 -2.41	27.18 1.68 0.00	23.98 1.27 -2.55	30.02 1.91 0.00	25.33 1.60 0.00	29.29 1.81 0.00	31.67 1.91 0.00	37.10 2.31 0.00	50.17 3.08 0.00	41.00 2.46 0.00	52.13 2.96 0.00	66.57 3.44 0.00	24.17 1.16 0.00	16.42 0.87 0.00
ASTORIA_EAST_ENERGY_CC1 323581	15.56 0.98 0.00	12.36 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.51 1.07 -0.13	20.12 1.46 -0.30	25.79 1.80 0.00	26.16 1.87 -1.34	27.99 2.06 0.00	28.17 2.05 -2.17	27.69 2.18 0.00	24.19 1.75 -2.30	30.53 2.42 0.00	25.78 2.06 0.00	29.64 2.16 0.00	32.02 2.27 0.00	37.37 2.58 0.00	50.53 3.44 0.00	41.56 3.02 0.00	52.61 3.46 0.00	67.03 3.90 0.00	24.51 1.50 0.00	16.82 1.27 0.00
ASTORIA_EAST_ENERGY_CC2 323582	15.56 0.98 0.00	12.36 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.51 1.07 -0.13	20.12 1.46 -0.30	25.79 1.80 0.00	26.16 1.87 -1.34	27.99 2.06 0.00	28.17 2.05 -2.17	27.69 2.18 0.00	24.19 1.75 -2.30	30.53 2.42 0.00	25.78 2.06 0.00	29.64 2.16 0.00	32.02 2.27 0.00	37.37 2.58 0.00	50.53 3.44 0.00	41.56 3.02 0.00	52.61 3.46 0.00	67.03 3.90 0.00	24.51 1.50 0.00	16.82 1.27 0.00
ASTORIA_GT2_1 24094	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00
ASTORIA_GT2_2 24095	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00
ASTORIA_GT2_3 24096	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00
ASTORIA_GT2_4 24097	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00
ASTORIA_GT3_1 24098	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00
ASTORIA_GT3_2 24099	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00
ASTORIA_GT3_3 24100	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00
ASTORIA_GT3_4 24101	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00
ASTORIA_GT4_1 24102	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00
ASTORIA_GT4_2 24103	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00
ASTORIA_GT4_3 24104	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00

ASTORIA_GT4_4 24105	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.18 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.19 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.67 2.18 0.00	32.05 2.29 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.03 0.00	52.63 3.47 0.00	67.07 3.95 0.00	24.52 1.51 0.00	16.83 1.28 0.00
ASTORIA_GT_1 23523	15.59 1.01 0.00	12.38 0.42 -6.70	11.76 0.61 -3.47	8.98 0.28 -5.23	11.92 0.15 -9.97	14.54 1.09 -0.13	20.16 1.50 -0.30	25.84 1.86 0.00	26.22 1.92 -1.34	28.06 2.13 0.00	28.23 2.11 -2.17	27.75 2.25 0.00	24.24 1.80 -2.30	30.61 2.50 0.00	25.84 2.12 0.00	29.72 2.24 0.00	32.10 2.34 0.00	37.47 2.68 0.00	50.65 3.56 0.00	41.66 3.12 0.00	52.73 3.57 0.00	67.18 4.06 0.00	24.57 1.56 0.00	16.85 1.30 0.00
ASTORIA_GT_10 24110	15.63 1.06 0.00	12.39 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.18 1.52 -0.30	25.87 1.89 0.00	26.23 1.93 -1.34	28.11 2.18 0.00	28.23 2.10 -2.17	27.73 2.22 0.00	24.23 1.79 -2.30	30.62 2.51 0.00	25.84 2.12 0.00	29.77 2.29 0.00	32.14 2.38 0.00	37.54 2.76 0.00	50.71 3.62 0.00	41.59 3.04 0.00	52.78 3.62 0.00	67.25 4.12 0.00	24.55 1.54 0.00	16.84 1.29 0.00
ASTORIA_GT_11 24225	15.63 1.06 0.00	12.39 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.18 1.52 -0.30	25.87 1.89 0.00	26.23 1.93 -1.34	28.11 2.18 0.00	28.23 2.10 -2.17	27.73 2.22 0.00	24.23 1.79 -2.30	30.62 2.51 0.00	25.84 2.12 0.00	29.77 2.29 0.00	32.14 2.38 0.00	37.54 2.76 0.00	50.71 3.62 0.00	41.59 3.04 0.00	52.78 3.62 0.00	67.25 4.12 0.00	24.55 1.54 0.00	16.84 1.29 0.00
ASTORIA_GT_12 24226	15.63 1.06 0.00	12.39 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.18 1.52 -0.30	25.87 1.89 0.00	26.23 1.93 -1.34	28.11 2.18 0.00	28.23 2.10 -2.17	27.73 2.22 0.00	24.23 1.79 -2.30	30.62 2.51 0.00	25.84 2.12 0.00	29.77 2.29 0.00	32.14 2.38 0.00	37.54 2.76 0.00	50.71 3.62 0.00	41.59 3.04 0.00	52.78 3.62 0.00	67.25 4.12 0.00	24.55 1.54 0.00	16.84 1.29 0.00
ASTORIA_GT_13 24227	15.63 1.06 0.00	12.39 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.18 1.52 -0.30	25.87 1.89 0.00	26.23 1.93 -1.34	28.11 2.18 0.00	28.23 2.10 -2.17	27.73 2.22 0.00	24.23 1.79 -2.30	30.62 2.51 0.00	25.84 2.12 0.00	29.77 2.29 0.00	32.14 2.38 0.00	37.54 2.76 0.00	50.71 3.62 0.00	41.59 3.04 0.00	52.78 3.62 0.00	67.25 4.12 0.00	24.55 1.54 0.00	16.84 1.29 0.00
ASTORIA_GT_5 24106	15.58 1.01 0.00	12.38 0.42 -6.70	11.76 0.61 -3.47	8.98 0.28 -5.23	11.92 0.15 -9.97	14.54 1.09 -0.13	20.16 1.50 -0.30	25.84 1.86 0.00	26.22 1.93 -1.34	28.06 2.13 0.00	28.23 2.10 -2.17	27.75 2.24 0.00	24.24 1.80 -2.30	30.61 2.50 0.00	25.84 2.12 0.00	29.72 2.24 0.00	32.10 2.35 0.00	37.47 2.68 0.00	50.65 3.56 0.00	41.66 3.12 0.00	52.73 3.57 0.00	67.18 4.05 0.00	24.57 1.55 0.00	16.86 1.30 0.00
ASTORIA_GT_7 24107	15.58 1.01 0.00	12.38 0.42 -6.70	11.76 0.61 -3.47	8.98 0.28 -5.23	11.92 0.15 -9.97	14.54 1.09 -0.13	20.16 1.50 -0.30	25.84 1.86 0.00	26.22 1.93 -1.34	28.06 2.13 0.00	28.23 2.10 -2.17	27.75 2.24 0.00	24.24 1.80 -2.30	30.61 2.50 0.00	25.84 2.12 0.00	29.72 2.24 0.00	32.10 2.35 0.00	37.47 2.68 0.00	50.65 3.56 0.00	41.66 3.12 0.00	52.73 3.57 0.00	67.18 4.05 0.00	24.57 1.55 0.00	16.86 1.30 0.00
ASTORIA_GT_8 24108	15.58 1.01 0.00	12.38 0.42 -6.70	11.76 0.61 -3.47	8.98 0.28 -5.23	11.92 0.15 -9.97	14.54 1.09 -0.13	20.16 1.50 -0.30	25.84 1.86 0.00	26.22 1.93 -1.34	28.06 2.13 0.00	28.23 2.10 -2.17	27.75 2.24 0.00	24.24 1.80 -2.30	30.61 2.50 0.00	25.84 2.12 0.00	29.72 2.24 0.00	32.10 2.35 0.00	37.47 2.68 0.00	50.65 3.56 0.00	41.66 3.12 0.00	52.73 3.57 0.00	67.18 4.05 0.00	24.57 1.55 0.00	16.86 1.30 0.00
ASTORIA___2 24149	15.56 0.99 0.00	12.37 0.41 -6.70	11.74 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.51 1.07 -0.13	20.13 1.47 -0.30	25.80 1.81 0.00	26.17 1.88 -1.34	28.01 2.08 0.00	28.18 2.06 -2.17	27.70 2.20 0.00	24.20 1.76 -2.30	30.55 2.44 0.00	25.79 2.07 0.00	29.66 2.18 0.00	32.04 2.28 0.00	37.39 2.61 0.00	50.55 3.46 0.00	41.58 3.04 0.00	52.63 3.47 0.00	67.08 3.95 0.00	24.52 1.51 0.00	16.83 1.27 0.00
ASTORIA___3 23516	15.64 1.06 0.00	12.39 0.44 -6.70	11.78 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.18 1.52 -0.30	25.87 1.89 0.00	26.22 1.93 -1.34	28.11 2.18 0.00	28.23 2.10 -2.17	27.73 2.23 0.00	24.24 1.79 -2.30	30.62 2.51 0.00	25.84 2.12 0.00	29.76 2.28 0.00	32.14 2.37 0.00	37.54 2.76 0.00	50.72 3.63 0.00	41.59 3.05 0.00	52.78 3.62 0.00	67.25 4.12 0.00	24.55 1.54 0.00	16.84 1.28 0.00
ASTORIA___4 23517	15.63 1.06 0.00	12.39 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.18 1.52 -0.30	25.87 1.89 0.00	26.23 1.93 -1.34	28.11 2.18 0.00	28.23 2.10 -2.17	27.73 2.22 0.00	24.23 1.79 -2.30	30.62 2.51 0.00	25.84 2.12 0.00	29.77 2.29 0.00	32.14 2.38 0.00	37.54 2.76 0.00	50.71 3.62 0.00	41.59 3.04 0.00	52.78 3.62 0.00	67.25 4.12 0.00	24.55 1.54 0.00	16.84 1.29 0.00
ASTORIA___5 23518	15.64 1.06 0.00	12.39 0.44 -6.70	11.78 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.18 1.52 -0.30	25.87 1.89 0.00	26.22 1.93 -1.34	28.11 2.18 0.00	28.23 2.10 -2.17	27.73 2.23 0.00	24.24 1.79 -2.30	30.62 2.51 0.00	25.84 2.12 0.00	29.76 2.28 0.00	32.14 2.37 0.00	37.54 2.76 0.00	50.72 3.63 0.00	41.59 3.05 0.00	52.78 3.62 0.00	67.25 4.12 0.00	24.55 1.54 0.00	16.84 1.28 0.00
AST_ENERGY_2_CC3 323677	15.59 1.01 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.11 -0.13	20.12 1.47 -0.30	25.78 1.80 0.00	26.14 1.84 -1.34	28.01 2.08 0.00	28.13 2.00 -2.17	27.63 2.12 0.00	24.17 1.73 -2.30	30.52 2.41 0.00	25.77 2.04 0.00	29.71 2.23 0.00	32.05 2.30 0.00	37.44 2.66 0.00	50.57 3.48 0.00	41.41 2.87 0.00	52.61 3.45 0.00	67.05 3.92 0.00	24.47 1.47 0.00	16.77 1.21 0.00
AST_ENERGY_2_CC4 323678	15.59 1.01 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.11 -0.13	20.12 1.47 -0.30	25.78 1.80 0.00	26.14 1.84 -1.34	28.01 2.08 0.00	28.13 2.00 -2.17	27.63 2.12 0.00	24.17 1.73 -2.30	30.52 2.41 0.00	25.77 2.04 0.00	29.71 2.23 0.00	32.05 2.30 0.00	37.44 2.66 0.00	50.57 3.48 0.00	41.41 2.87 0.00	52.61 3.45 0.00	67.05 3.92 0.00	24.47 1.47 0.00	16.77 1.21 0.00

ATHENS_STG_1 23668	15.19 0.62 0.00	12.94 0.26 -7.42	11.90 0.38 -3.84	9.43 0.18 -5.79	12.94 0.09 -11.04	14.13 0.68 -0.14	19.61 0.92 -0.33	25.09 1.11 0.00	25.56 1.12 -1.49	27.17 1.25 0.00	27.57 1.21 -2.40	26.79 1.28 0.00	23.73 1.04 -2.54	29.57 1.46 0.00	24.95 1.22 0.00	28.84 1.36 0.00	31.14 1.38 0.00	36.39 1.60 0.00	49.20 2.11 0.00	40.28 1.73 0.00	51.30 2.14 0.00	65.63 2.50 0.00	23.91 0.90 0.00	16.28 0.73 0.00
ATHENS_STG_2 23670	15.19 0.62 0.00	12.94 0.26 -7.42	11.90 0.38 -3.84	9.43 0.18 -5.79	12.94 0.09 -11.04	14.13 0.68 -0.14	19.61 0.92 -0.33	25.09 1.11 0.00	25.56 1.12 -1.49	27.17 1.25 0.00	27.57 1.21 -2.40	26.79 1.28 0.00	23.73 1.04 -2.54	29.57 1.46 0.00	24.95 1.22 0.00	28.84 1.36 0.00	31.14 1.38 0.00	36.39 1.60 0.00	49.20 2.11 0.00	40.28 1.73 0.00	51.30 2.14 0.00	65.63 2.50 0.00	23.91 0.90 0.00	16.28 0.73 0.00
ATHENS_STG_3 23677	15.19 0.62 0.00	12.94 0.26 -7.42	11.90 0.38 -3.84	9.43 0.18 -5.79	12.94 0.09 -11.04	14.13 0.68 -0.14	19.61 0.92 -0.33	25.09 1.11 0.00	25.56 1.12 -1.49	27.17 1.25 0.00	27.57 1.21 -2.40	26.79 1.28 0.00	23.73 1.04 -2.54	29.57 1.46 0.00	24.95 1.22 0.00	28.84 1.36 0.00	31.14 1.38 0.00	36.39 1.60 0.00	49.20 2.11 0.00	40.28 1.73 0.00	51.30 2.14 0.00	65.63 2.50 0.00	23.91 0.90 0.00	16.28 0.73 0.00
AUBURN___LFGE 323710	14.45 -0.12 0.00	6.24 -0.02 -1.00	8.15 -0.05 -0.52	4.22 -0.03 -0.78	3.29 -0.01 -1.49	13.26 -0.08 -0.02	18.30 -0.10 -0.05	23.86 -0.12 0.00	23.00 -0.15 -0.20	25.78 -0.15 0.00	24.09 -0.20 -0.32	25.28 -0.22 0.00	20.29 -0.20 -0.34	27.85 -0.26 0.00	23.47 -0.26 0.00	27.26 -0.23 0.00	29.59 -0.17 0.00	34.59 -0.19 0.00	46.87 -0.23 0.00	38.43 -0.12 0.00	49.05 -0.11 0.00	63.01 -0.12 0.00	22.90 -0.10 0.00	15.54 -0.02 0.00
BABYLON_RES_REC 323704	15.74 1.16 0.00	12.44 0.49 -6.69	11.86 0.71 -3.47	9.02 0.33 -5.22	11.93 0.16 -9.96	14.72 1.28 -0.13	20.51 1.85 -0.30	26.29 2.31 0.00	26.47 2.18 -1.34	28.44 2.51 0.00	28.53 2.41 -2.17	28.01 2.51 0.00	24.54 2.09 -2.30	31.01 2.90 0.00	26.20 2.48 0.00	30.25 2.76 0.00	32.67 2.91 0.00	38.05 3.26 0.00	51.52 4.43 0.00	42.30 3.76 0.00	53.76 4.60 0.00	68.11 4.98 0.00	25.00 1.99 0.00	17.07 1.51 0.00
BABYLON__69_KV_BK2 356345	15.87 1.29 0.00	12.49 0.54 -6.69	11.93 0.78 -3.47	9.05 0.37 -5.22	11.95 0.18 -9.96	14.86 1.41 -0.13	20.70 2.05 -0.30	26.54 2.55 0.00	26.69 2.39 -1.34	28.69 2.76 0.00	28.76 2.64 -2.17	28.25 2.74 0.00	24.72 2.28 -2.30	31.29 3.18 0.00	26.42 2.69 0.00	30.50 3.02 0.00	32.96 3.20 0.00	38.40 3.62 0.00	52.04 4.95 0.00	42.75 4.20 0.00	54.30 5.14 0.00	68.75 5.62 0.00	25.24 2.23 0.00	17.23 1.68 0.00
BALL_HILL_WT_PWR 323825	13.51 -1.06 0.00	6.05 -0.36 -1.15	7.72 -0.55 -0.59	4.13 -0.23 -0.90	3.39 -0.13 -1.71	12.45 -0.88 -0.02	17.06 -1.35 -0.05	22.12 -1.86 0.00	21.30 -1.88 -0.23	23.96 -1.97 0.00	22.08 -2.25 -0.37	23.11 -2.39 0.00	18.79 -1.75 -0.39	26.08 -2.03 0.00	21.92 -1.81 0.00	25.70 -1.78 0.00	27.88 -1.88 0.00	32.42 -2.36 0.00	43.90 -3.19 0.00	36.10 -2.44 0.00	46.40 -2.76 0.00	59.33 -3.80 0.00	21.56 -1.44 0.00	14.78 -0.78 0.00
BARON_WINDS___WT_PWR 323822	13.82 -0.76 0.00	6.91 -0.16 -1.81	8.28 -0.33 -0.94	4.76 -0.12 -1.41	4.44 -0.06 -2.69	12.76 -0.59 -0.03	17.62 -0.82 -0.08	22.97 -1.02 0.00	22.26 -1.06 -0.36	24.78 -1.15 0.00	23.55 -0.99 -0.59	24.39 -1.11 0.00	19.85 -0.91 -0.62	26.90 -1.21 0.00	22.70 -1.02 0.00	26.59 -0.89 0.00	28.89 -0.87 0.00	33.77 -1.01 0.00	45.86 -1.23 0.00	37.88 -0.66 0.00	48.48 -0.68 0.00	61.69 -1.44 0.00	22.23 -0.78 0.00	15.17 -0.39 0.00
BARRETT_IC_1 23704	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT_IC_10 23701	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT_IC_11 23702	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT_IC_12 23703	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT_IC_2 23705	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT_IC_3 23706	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT_IC_4 23707	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00

BARRETT_IC_5 23708	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT_IC_6 23709	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT_IC_7 23710	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.30 1.64 -0.30	25.95 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.85 2.34 0.00	24.41 1.97 -2.30	30.82 2.72 0.00	26.07 2.34 0.00	30.06 2.58 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT_IC_8 23711	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT_IC_9 23700	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT___1 23545	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BARRETT___2 23546	15.64 1.06 0.00	12.40 0.45 -6.69	11.80 0.65 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.29 1.64 -0.30	25.94 1.96 0.00	26.19 1.89 -1.34	28.12 2.19 0.00	28.34 2.22 -2.17	27.84 2.34 0.00	24.42 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.71 2.93 0.00	50.98 3.88 0.00	41.89 3.35 0.00	53.26 4.10 0.00	67.55 4.42 0.00	24.79 1.78 0.00	16.95 1.40 0.00
BATAVIA__115KV_TB1 55881	13.74 -0.84 0.00	5.99 -0.29 -1.02	7.76 -0.44 -0.53	4.09 -0.18 -0.80	3.24 -0.09 -1.52	12.67 -0.66 -0.02	17.39 -1.01 -0.05	22.61 -1.38 0.00	21.80 -1.36 -0.20	24.57 -1.36 0.00	22.45 -1.84 -0.33	23.45 -2.06 0.00	18.86 -1.63 -0.35	26.41 -1.70 0.00	22.32 -1.41 0.00	26.10 -1.39 0.00	28.34 -1.43 0.00	32.98 -1.81 0.00	44.90 -2.19 0.00	36.85 -1.69 0.00	47.28 -1.88 0.00	60.51 -2.62 0.00	21.98 -1.03 0.00	15.07 -0.49 0.00
BAYONEEC___CTG1 323682	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.15 1.49 -0.30	25.82 1.84 0.00	26.17 1.88 -1.34	28.05 2.12 0.00	28.16 2.04 -2.17	27.66 2.16 0.00	24.20 1.76 -2.30	30.56 2.45 0.00	25.80 2.07 0.00	29.74 2.26 0.00	32.09 2.33 0.00	37.48 2.70 0.00	50.63 3.54 0.00	41.47 2.93 0.00	52.69 3.53 0.00	67.14 4.01 0.00	24.51 1.50 0.00	16.78 1.23 0.00
BAYONEEC___CTG10 323750	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.15 1.49 -0.30	25.82 1.84 0.00	26.17 1.88 -1.34	28.05 2.12 0.00	28.16 2.04 -2.17	27.66 2.16 0.00	24.20 1.76 -2.30	30.56 2.45 0.00	25.80 2.07 0.00	29.74 2.26 0.00	32.09 2.33 0.00	37.48 2.70 0.00	50.63 3.54 0.00	41.47 2.93 0.00	52.69 3.53 0.00	67.14 4.01 0.00	24.51 1.50 0.00	16.78 1.23 0.00
BAYONEEC___CTG2 323683	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.15 1.49 -0.30	25.82 1.84 0.00	26.17 1.88 -1.34	28.05 2.12 0.00	28.16 2.04 -2.17	27.66 2.16 0.00	24.20 1.76 -2.30	30.56 2.45 0.00	25.80 2.07 0.00	29.74 2.26 0.00	32.09 2.33 0.00	37.48 2.70 0.00	50.63 3.54 0.00	41.47 2.93 0.00	52.69 3.53 0.00	67.14 4.01 0.00	24.51 1.50 0.00	16.78 1.23 0.00
BAYONEEC___CTG3 323684	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.15 1.49 -0.30	25.82 1.84 0.00	26.17 1.88 -1.34	28.05 2.12 0.00	28.16 2.04 -2.17	27.66 2.16 0.00	24.20 1.76 -2.30	30.56 2.45 0.00	25.80 2.07 0.00	29.74 2.26 0.00	32.09 2.33 0.00	37.48 2.70 0.00	50.63 3.54 0.00	41.47 2.93 0.00	52.69 3.53 0.00	67.14 4.01 0.00	24.51 1.50 0.00	16.78 1.23 0.00
BAYONEEC___CTG4 323685	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.15 1.49 -0.30	25.82 1.84 0.00	26.17 1.88 -1.34	28.05 2.12 0.00	28.16 2.04 -2.17	27.66 2.16 0.00	24.20 1.76 -2.30	30.56 2.45 0.00	25.80 2.07 0.00	29.74 2.26 0.00	32.09 2.33 0.00	37.48 2.70 0.00	50.63 3.54 0.00	41.47 2.93 0.00	52.69 3.53 0.00	67.14 4.01 0.00	24.51 1.50 0.00	16.78 1.23 0.00
BAYONEEC___CTG5 323686	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.15 1.49 -0.30	25.82 1.84 0.00	26.17 1.88 -1.34	28.05 2.12 0.00	28.16 2.04 -2.17	27.66 2.16 0.00	24.20 1.76 -2.30	30.56 2.45 0.00	25.80 2.07 0.00	29.74 2.26 0.00	32.09 2.33 0.00	37.48 2.70 0.00	50.63 3.54 0.00	41.47 2.93 0.00	52.69 3.53 0.00	67.14 4.01 0.00	24.51 1.50 0.00	16.78 1.23 0.00
BAYONEEC___CTG6 323687	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.15 1.49 -0.30	25.82 1.84 0.00	26.17 1.88 -1.34	28.05 2.12 0.00	28.16 2.04 -2.17	27.66 2.16 0.00	24.20 1.76 -2.30	30.56 2.45 0.00	25.80 2.07 0.00	29.74 2.26 0.00	32.09 2.33 0.00	37.48 2.70 0.00	50.63 3.54 0.00	41.47 2.93 0.00	52.69 3.53 0.00	67.14 4.01 0.00	24.51 1.50 0.00	16.78 1.23 0.00

BAYONEEC___CTG7 323688	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.15 1.49 -0.30	25.82 1.84 0.00	26.17 1.88 -1.34	28.05 2.12 0.00	28.16 2.04 -2.17	27.66 2.16 0.00	24.20 1.76 -2.30	30.56 2.45 0.00	25.80 2.07 0.00	29.74 2.26 0.00	32.09 2.33 0.00	37.48 2.70 0.00	50.63 3.54 0.00	41.47 2.93 0.00	52.69 3.53 0.00	67.14 4.01 0.00	24.51 1.50 0.00	16.78 1.23 0.00
BAYONEEC___CTG8 323689	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.15 1.49 -0.30	25.82 1.84 0.00	26.17 1.88 -1.34	28.05 2.12 0.00	28.16 2.04 -2.17	27.66 2.16 0.00	24.20 1.76 -2.30	30.56 2.45 0.00	25.80 2.07 0.00	29.74 2.26 0.00	32.09 2.33 0.00	37.48 2.70 0.00	50.63 3.54 0.00	41.47 2.93 0.00	52.69 3.53 0.00	67.14 4.01 0.00	24.51 1.50 0.00	16.78 1.23 0.00
BAYONEEC___CTG9 323749	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.15 1.49 -0.30	25.82 1.84 0.00	26.17 1.88 -1.34	28.05 2.12 0.00	28.16 2.04 -2.17	27.66 2.16 0.00	24.20 1.76 -2.30	30.56 2.45 0.00	25.80 2.07 0.00	29.74 2.26 0.00	32.09 2.33 0.00	37.48 2.70 0.00	50.63 3.54 0.00	41.47 2.93 0.00	52.69 3.53 0.00	67.14 4.01 0.00	24.51 1.50 0.00	16.78 1.23 0.00
BEACON___LESR 323632	15.19 0.61 0.00	13.77 0.28 -8.22	12.35 0.41 -4.26	10.08 0.19 -6.42	14.15 0.10 -12.24	14.18 0.71 -0.16	19.66 0.93 -0.37	25.07 1.09 0.00	25.68 1.07 -1.65	27.07 1.14 0.00	27.79 1.17 -2.66	26.74 1.24 0.00	23.97 1.00 -2.82	29.54 1.43 0.00	24.90 1.17 0.00	28.81 1.33 0.00	31.13 1.37 0.00	36.44 1.65 0.00	49.24 2.14 0.00	40.25 1.70 0.00	51.30 2.14 0.00	65.74 2.61 0.00	23.89 0.88 0.00	16.24 0.68 0.00
BEAVER RIVER___HYD 24048	13.99 -0.59 0.00	5.28 -0.25 -0.28	7.49 -0.32 -0.14	-0.54 -0.15 3.86	-0.11 -0.09 1.83	12.66 -0.66 0.00	17.60 -0.77 -0.01	23.35 -0.96 -0.32	23.72 -0.99 -1.76	27.31 -1.18 -2.56	14.49 -1.02 8.44	18.21 -0.98 6.32	11.33 -0.90 7.93	29.81 -1.13 -2.83	25.77 -0.65 -2.69	29.32 -1.00 -2.84	32.55 -0.21 -3.00	38.58 0.44 -3.35	51.97 0.72 -4.16	42.51 0.51 -3.46	53.90 0.68 -4.05	68.43 0.88 -4.41	25.84 0.20 -2.63	17.36 -0.40 -2.20
BEEBEE_GT_13 23619	13.83 -0.75 0.00	5.94 -0.25 -0.93	7.78 -0.38 -0.48	4.03 -0.16 -0.73	3.11 -0.08 -1.39	12.75 -0.59 -0.02	17.53 -0.87 -0.04	22.81 -1.17 0.00	22.00 -1.14 -0.19	24.75 -1.18 0.00	22.86 -1.40 -0.30	23.98 -1.53 0.00	19.26 -1.21 -0.32	26.72 -1.39 0.00	22.51 -1.22 0.00	26.26 -1.22 0.00	28.48 -1.28 0.00	33.18 -1.60 0.00	45.14 -1.96 0.00	37.00 -1.54 0.00	47.37 -1.79 0.00	60.81 -2.32 0.00	22.10 -0.91 0.00	15.07 -0.49 0.00
BENSHRST_27_KV_BENSHRST_1 355998	15.77 1.20 0.00	12.44 0.48 -6.70	11.85 0.70 -3.47	9.02 0.33 -5.23	11.95 0.17 -9.97	14.71 1.27 -0.13	20.39 1.73 -0.30	26.14 2.16 0.00	26.48 2.19 -1.34	28.40 2.47 0.00	28.49 2.37 -2.17	28.02 2.51 0.00	24.46 2.02 -2.30	30.95 2.85 0.00	26.12 2.39 0.00	30.06 2.57 0.00	32.43 2.67 0.00	37.95 3.17 0.00	51.30 4.21 0.00	42.07 3.52 0.00	53.48 4.32 0.00	68.10 4.97 0.00	24.87 1.86 0.00	17.03 1.48 0.00
BETHLEHEM___GRP 23843	15.00 0.42 0.00	13.70 0.21 -8.23	12.25 0.31 -4.27	10.03 0.15 -6.42	14.13 0.08 -12.25	13.98 0.50 -0.16	19.34 0.61 -0.37	24.66 0.68 0.00	25.31 0.71 -1.65	26.67 0.74 0.00	27.38 0.75 -2.67	26.31 0.81 0.00	23.64 0.67 -2.82	29.05 0.94 0.00	24.51 0.79 0.00	28.34 0.85 0.00	30.61 0.85 0.00	35.81 1.02 0.00	48.40 1.31 0.00	39.57 1.03 0.00	50.43 1.27 0.00	64.59 1.47 0.00	23.54 0.53 0.00	16.01 0.46 0.00
BETHLEHEM___GS1 323560	15.00 0.43 0.00	13.70 0.21 -8.23	12.25 0.31 -4.27	10.03 0.15 -6.42	14.13 0.08 -12.25	13.98 0.50 -0.16	19.34 0.61 -0.37	24.66 0.68 0.00	25.31 0.71 -1.65	26.67 0.74 0.00	27.37 0.75 -2.67	26.31 0.81 0.00	23.64 0.67 -2.82	29.05 0.94 0.00	24.51 0.79 0.00	28.34 0.85 0.00	30.61 0.85 0.00	35.81 1.03 0.00	48.40 1.31 0.00	39.57 1.03 0.00	50.43 1.27 0.00	64.59 1.47 0.00	23.54 0.53 0.00	16.01 0.46 0.00
BETHLEHEM___GS2 323561	15.00 0.43 0.00	13.70 0.21 -8.23	12.25 0.31 -4.27	10.03 0.15 -6.42	14.13 0.08 -12.25	13.98 0.50 -0.16	19.34 0.61 -0.37	24.66 0.68 0.00	25.31 0.71 -1.65	26.67 0.74 0.00	27.37 0.75 -2.67	26.31 0.81 0.00	23.64 0.67 -2.82	29.05 0.94 0.00	24.51 0.79 0.00	28.34 0.85 0.00	30.61 0.85 0.00	35.81 1.03 0.00	48.40 1.31 0.00	39.57 1.03 0.00	50.43 1.27 0.00	64.59 1.47 0.00	23.54 0.53 0.00	16.01 0.46 0.00
BETHLEHEM___GS3 323562	15.00 0.43 0.00	13.70 0.21 -8.23	12.25 0.31 -4.27	10.03 0.15 -6.42	14.13 0.08 -12.25	13.98 0.50 -0.16	19.34 0.61 -0.37	24.66 0.68 0.00	25.31 0.71 -1.65	26.67 0.74 0.00	27.37 0.75 -2.67	26.31 0.81 0.00	23.64 0.67 -2.82	29.05 0.94 0.00	24.51 0.79 0.00	28.34 0.85 0.00	30.61 0.85 0.00	35.81 1.03 0.00	48.40 1.31 0.00	39.57 1.03 0.00	50.43 1.27 0.00	64.59 1.47 0.00	23.54 0.53 0.00	16.01 0.46 0.00
BETHLEHEM___STEEL 23779	13.55 -1.03 0.00	6.03 -0.36 -1.13	7.72 -0.54 -0.59	4.12 -0.23 -0.88	3.37 -0.12 -1.68	12.47 -0.87 -0.02	17.05 -1.36 -0.05	22.12 -1.86 0.00	21.33 -1.85 -0.23	24.01 -1.92 0.00	22.10 -2.23 -0.36	23.13 -2.37 0.00	18.70 -1.83 -0.39	26.01 -2.10 0.00	21.87 -1.86 0.00	25.60 -1.89 0.00	27.76 -2.00 0.00	32.24 -2.54 0.00	43.88 -3.21 0.00	36.05 -2.49 0.00	46.32 -2.84 0.00	59.26 -3.87 0.00	21.56 -1.45 0.00	14.79 -0.76 0.00
BETHLHEM_115KV_TB1 79974	15.01 0.43 0.00	13.70 0.21 -8.23	12.26 0.31 -4.27	10.04 0.15 -6.42	14.13 0.08 -12.25	13.99 0.51 -0.16	19.36 0.63 -0.37	24.69 0.70 0.00	25.33 0.73 -1.65	26.69 0.76 0.00	27.40 0.77 -2.67	26.34 0.83 0.00	23.66 0.69 -2.82	29.07 0.96 0.00	24.54 0.81 0.00	28.36 0.88 0.00	30.64 0.88 0.00	35.84 1.06 0.00	48.45 1.36 0.00	39.61 1.07 0.00	50.48 1.32 0.00	64.66 1.53 0.00	23.57 0.56 0.00	16.03 0.47 0.00
BETHPAGE_CC_5 323564	15.71 1.13 0.00	12.43 0.48 -6.69	11.84 0.69 -3.47	9.01 0.32 -5.22	11.93 0.16 -9.96	14.69 1.25 -0.13	20.45 1.79 -0.30	26.20 2.22 0.00	26.41 2.12 -1.34	28.37 2.44 0.00	28.48 2.35 -2.17	27.97 2.46 0.00	24.50 2.06 -2.30	30.97 2.86 0.00	26.16 2.44 0.00	30.20 2.71 0.00	32.60 2.84 0.00	37.91 3.13 0.00	51.33 4.24 0.00	42.15 3.61 0.00	53.65 4.48 0.00	68.00 4.87 0.00	24.94 1.93 0.00	17.02 1.47 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.65 -0.93 0.00	6.08 -0.32 -1.15	7.78 -0.49 -0.59	4.16 -0.20 -0.89	3.40 -0.11 -1.70	12.56 -0.78 -0.02	17.17 -1.24 -0.05	22.29 -1.69 0.00	21.49 -1.69 -0.23	24.21 -1.72 0.00	22.29 -2.03 -0.37	23.34 -2.17 0.00	18.86 -1.68 -0.39	26.19 -1.92 0.00	21.99 -1.73 0.00	25.75 -1.74 0.00	27.93 -1.83 0.00	32.44 -2.34 0.00	44.15 -2.94 0.00	36.28 -2.26 0.00	46.61 -2.55 0.00	59.63 -3.50 0.00	21.69 -1.32 0.00	14.88 -0.68 0.00

BINGHAMTON___COGEN 23790	14.49 -0.08 0.00	7.58 0.01 -2.32	8.86 -0.02 -1.20	5.28 0.00 -1.81	5.26 0.00 -3.45	13.37 0.01 -0.04	18.45 -0.01 -0.10	23.97 -0.01 0.00	23.35 -0.07 -0.46	25.92 -0.01 0.00	24.69 -0.02 -0.75	25.49 -0.02 0.00	20.96 0.02 -0.79	28.19 0.08 0.00	23.75 0.02 0.00	27.53 0.05 0.00	29.81 0.05 0.00	34.79 0.01 0.00	47.02 -0.07 0.00	38.64 0.09 0.00	49.39 0.23 0.00	63.26 0.13 0.00	22.99 -0.02 0.00	15.62 0.07 0.00
BIXINCNT_115KV_LOAD 355685	13.63 -0.95 0.00	6.16 -0.32 -1.22	7.87 -0.44 -0.63	4.25 -0.17 -0.95	3.52 -0.10 -1.82	12.55 -0.79 -0.02	17.02 -1.39 -0.05	22.24 -1.74 0.00	21.46 -1.74 -0.24	24.32 -1.61 0.00	22.63 -1.73 -0.39	23.58 -1.93 0.00	18.97 -1.59 -0.42	26.18 -1.93 0.00	21.67 -2.06 0.00	25.41 -2.07 0.00	27.58 -2.19 0.00	32.12 -2.67 0.00	43.87 -3.22 0.00	36.13 -2.42 0.00	46.44 -2.72 0.00	59.56 -3.57 0.00	21.64 -1.37 0.00	14.80 -0.75 0.00
BLACK RIVER___HYD 24047	13.86 -0.72 0.00	5.37 -0.30 -0.41	7.51 -0.38 -0.21	0.81 -0.16 2.50	0.77 -0.10 0.94	12.64 -0.69 -0.01	17.58 -0.80 -0.02	23.19 -1.02 -0.23	23.14 -1.09 -1.28	26.44 -1.28 -1.79	17.06 -1.13 5.77	20.01 -1.13 4.36	13.71 -1.03 5.41	28.43 -1.66 -1.99	24.55 -1.07 -1.89	28.28 -1.20 -1.99	31.59 -0.28 -2.11	37.71 0.58 -2.35	50.92 0.92 -2.91	41.69 0.72 -2.42	52.97 0.96 -2.85	67.46 1.24 -3.10	25.06 0.21 -1.85	16.64 -0.47 -1.55
BLACKRVR_115KV_TB2 79977	13.86 -0.72 0.00	5.37 -0.30 -0.41	7.51 -0.38 -0.21	0.81 -0.16 2.50	0.77 -0.10 0.94	12.64 -0.69 -0.01	17.58 -0.80 -0.02	23.18 -1.02 -0.23	23.14 -1.09 -1.28	26.44 -1.28 -1.79	17.06 -1.13 5.77	20.01 -1.13 4.36	13.71 -1.03 5.41	28.43 -1.66 -1.99	24.55 -1.07 -1.89	28.28 -1.20 -1.99	31.59 -0.28 -2.11	37.71 0.58 -2.35	50.92 0.92 -2.91	41.70 0.72 -2.42	52.96 0.96 -2.85	67.46 1.24 -3.10	25.06 0.21 -1.85	16.64 -0.47 -1.55
BLISS_WT_PWR 323608	13.51 -1.07 0.00	6.12 -0.36 -1.22	7.82 -0.48 -0.63	4.23 -0.19 -0.95	3.51 -0.12 -1.82	12.44 -0.90 -0.02	16.85 -1.56 -0.05	22.06 -1.93 0.00	21.28 -1.92 -0.24	24.18 -1.75 0.00	22.53 -1.82 -0.39	23.43 -2.08 0.00	18.84 -1.73 -0.42	25.93 -2.19 0.00	21.39 -2.34 0.00	25.09 -2.39 0.00	27.25 -2.51 0.00	31.77 -3.01 0.00	43.47 -3.63 0.00	35.80 -2.74 0.00	46.04 -3.12 0.00	59.03 -4.10 0.00	21.45 -1.56 0.00	14.66 -0.90 0.00
BLUESTONE___WT_PWR 323821	14.50 -0.08 0.00	7.89 0.16 -2.48	8.98 0.02 -1.28	5.43 0.03 -1.93	5.55 0.06 -3.69	13.24 -0.12 -0.05	18.32 -0.15 -0.11	23.88 -0.10 0.00	22.99 -0.46 -0.50	25.72 -0.21 0.00	24.61 -0.15 -0.80	25.31 -0.19 0.00	20.83 -0.16 -0.85	27.84 -0.27 0.00	23.49 -0.24 0.00	27.12 -0.37 0.00	29.37 -0.40 0.00	34.55 -0.24 0.00	46.67 -0.42 0.00	38.31 -0.23 0.00	49.21 0.06 0.00	63.03 -0.10 0.00	23.08 0.07 0.00	15.98 0.43 0.00
BLUE_CIRC_CHEM_DRP 24182	15.13 0.55 0.00	13.60 0.24 -8.10	12.22 0.35 -4.20	9.95 0.16 -6.32	13.95 0.08 -12.06	14.07 0.60 -0.15	19.49 0.77 -0.36	24.87 0.89 0.00	25.46 0.88 -1.63	26.86 0.93 0.00	27.49 0.91 -2.63	26.48 0.98 0.00	23.71 0.79 -2.78	29.22 1.11 0.00	24.68 0.96 0.00	28.55 1.07 0.00	30.85 1.09 0.00	36.10 1.32 0.00	48.84 1.75 0.00	39.94 1.40 0.00	50.90 1.74 0.00	65.24 2.11 0.00	23.77 0.76 0.00	16.15 0.60 0.00
BOC_GAS_DRP 24189	15.04 0.46 0.00	13.66 0.20 -8.21	12.22 0.30 -4.25	10.01 0.14 -6.40	14.09 0.07 -12.21	13.98 0.51 -0.16	19.39 0.67 -0.37	24.77 0.78 0.00	25.39 0.79 -1.65	26.79 0.86 0.00	27.46 0.84 -2.66	26.41 0.90 0.00	23.70 0.74 -2.81	29.14 1.03 0.00	24.59 0.87 0.00	28.44 0.95 0.00	30.72 0.96 0.00	35.91 1.12 0.00	48.56 1.47 0.00	39.74 1.20 0.00	50.64 1.48 0.00	64.88 1.76 0.00	23.64 0.63 0.00	16.07 0.52 0.00
BOONVILLE_115KV_TB1 79983	14.57 -0.01 0.00	5.45 -0.01 -0.21	7.78 0.00 -0.11	2.62 0.00 0.85	1.56 -0.01 0.24	13.30 -0.02 0.00	18.42 0.05 -0.01	24.20 0.09 -0.12	23.70 0.05 -0.70	26.95 0.03 -0.98	22.06 0.07 1.97	24.18 0.10 1.43	18.31 0.01 1.85	29.37 0.18 -1.08	25.06 0.31 -1.03	28.74 0.18 -1.08	31.54 0.64 -1.14	37.10 1.05 -1.28	49.73 1.41 -1.23	41.06 1.17 -1.35	52.27 1.52 -1.60	66.77 1.90 -1.74	24.65 0.60 -1.04	16.59 0.17 -0.87
BORALEX_4TH_BRANCH 23824	15.57 1.00 0.00	13.90 0.42 -8.22	12.54 0.61 -4.26	10.15 0.27 -6.42	14.19 0.14 -12.24	14.47 1.00 -0.16	20.02 1.29 -0.37	25.54 1.56 0.00	26.12 1.51 -1.65	27.56 1.63 0.00	28.23 1.61 -2.66	27.21 1.71 0.00	24.39 1.42 -2.82	30.09 1.98 0.00	25.36 1.63 0.00	29.28 1.79 0.00	31.34 1.57 0.00	36.61 1.83 0.00	49.48 2.39 0.00	40.47 1.93 0.00	51.81 2.65 0.00	66.54 3.41 0.00	24.20 1.19 0.00	16.47 0.92 0.00
BOWLINE___1 23526	15.47 0.90 0.00	12.13 0.37 -6.50	11.59 0.55 -3.37	8.80 0.26 -5.07	11.62 0.13 -9.67	14.44 1.00 -0.12	20.02 1.37 -0.29	25.68 1.70 0.00	25.96 1.70 -1.31	27.84 1.92 0.00	27.90 1.84 -2.11	27.44 1.94 0.00	23.95 1.57 -2.23	30.30 2.19 0.00	25.59 1.86 0.00	29.55 2.06 0.00	31.91 2.15 0.00	37.32 2.53 0.00	50.38 3.29 0.00	41.21 2.67 0.00	52.44 3.28 0.00	66.95 3.82 0.00	24.40 1.39 0.00	16.65 1.09 0.00
BOWLINE___2 23595	15.47 0.90 0.00	12.13 0.37 -6.50	11.59 0.55 -3.37	8.80 0.26 -5.07	11.62 0.13 -9.67	14.44 1.00 -0.12	20.02 1.37 -0.29	25.68 1.70 0.00	25.96 1.70 -1.31	27.84 1.92 0.00	27.90 1.84 -2.11	27.44 1.94 0.00	23.95 1.57 -2.23	30.30 2.19 0.00	25.59 1.86 0.00	29.55 2.06 0.00	31.91 2.15 0.00	37.32 2.53 0.00	50.38 3.29 0.00	41.21 2.67 0.00	52.44 3.28 0.00	66.95 3.82 0.00	24.40 1.39 0.00	16.65 1.09 0.00
BRADY___115KV_TB2 356060	14.53 -0.05 0.00	5.17 -0.08 0.00	7.56 -0.12 0.00	-9.96 -0.07 13.37	-5.58 -0.03 7.35	13.03 -0.28 0.00	18.12 -0.24 0.00	24.16 -0.21 -0.38	24.73 -0.25 -2.03	28.69 -0.28 -3.04	-5.71 -0.33 29.34	2.30 -0.18 23.03	-7.53 -0.14 27.53	31.29 -0.20 -3.37	26.70 -0.24 -3.21	30.63 -0.23 -3.38	33.24 -0.10 -3.58	38.71 -0.06 -3.99	51.93 -0.01 -4.84	42.65 0.01 -4.10	54.01 0.05 -4.80	68.48 0.13 -5.22	26.31 0.20 -3.11	18.02 -0.14 -2.61
BRANSCOMB___SOLAR 323811	15.30 0.72 0.00	14.03 0.30 -8.47	12.50 0.43 -4.39	10.27 0.20 -6.61	14.52 0.10 -12.61	14.26 0.78 -0.16	19.85 1.11 -0.38	25.36 1.37 0.00	25.98 1.32 -1.70	27.35 1.42 0.00	28.08 1.37 -2.74	27.01 1.51 0.00	24.28 1.23 -2.91	29.88 1.77 0.00	25.19 1.46 0.00	29.16 1.67 0.00	31.45 1.69 0.00	36.78 2.00 0.00	49.79 2.70 0.00	40.72 2.18 0.00	51.75 2.59 0.00	66.28 3.15 0.00	24.09 1.08 0.00	16.33 0.77 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	15.82 1.25 0.00	12.48 0.53 -6.69	11.91 0.77 -3.47	9.05 0.36 -5.22	11.95 0.18 -9.96	14.82 1.38 -0.13	20.65 1.99 -0.30	26.45 2.46 0.00	26.59 2.29 -1.34	28.57 2.64 0.00	28.63 2.51 -2.17	28.12 2.61 0.00	24.64 2.19 -2.30	31.16 3.05 0.00	26.32 2.60 0.00	30.37 2.89 0.00	32.80 3.03 0.00	38.20 3.42 0.00	51.78 4.69 0.00	42.54 4.00 0.00	54.05 4.89 0.00	68.40 5.27 0.00	25.16 2.15 0.00	17.17 1.62 0.00

BRISTLHL_115KV_TB1 79998	14.13 -0.44 0.00	5.78 -0.14 -0.67	7.81 -0.21 -0.35	3.90 -0.09 -0.52	2.76 -0.05 -0.99	13.00 -0.33 -0.01	17.93 -0.45 -0.03	23.39 -0.59 0.00	22.50 -0.59 -0.13	25.31 -0.62 0.00	23.56 -0.62 -0.22	24.81 -0.70 0.00	19.78 -0.60 -0.23	27.24 -0.87 0.00	22.97 -0.75 0.00	26.68 -0.80 0.00	28.97 -0.80 0.00	33.90 -0.88 0.00	45.90 -1.19 0.00	37.59 -0.96 0.00	47.97 -1.18 0.00	62.00 -1.13 0.00	22.53 -0.48 0.00	15.24 -0.31 0.00
BROOKHAVEN___DRP 24191	15.72 1.14 0.00	12.45 0.50 -6.69	11.88 0.73 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.79 1.35 -0.13	20.62 1.96 -0.30	26.34 2.36 0.00	26.42 2.12 -1.34	28.33 2.40 0.00	28.37 2.25 -2.17	27.80 2.30 0.00	24.38 1.94 -2.30	30.81 2.70 0.00	26.02 2.30 0.00	29.99 2.51 0.00	32.40 2.64 0.00	37.81 3.03 0.00	51.40 4.30 0.00	42.26 3.72 0.00	53.67 4.50 0.00	67.85 4.72 0.00	24.98 1.97 0.00	17.06 1.51 0.00
BROOKLYN_NAVY_YARD 23515	15.60 1.02 0.00	12.38 0.42 -6.70	11.76 0.62 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.57 1.13 -0.13	20.14 1.49 -0.30	25.83 1.85 0.00	26.19 1.89 -1.34	28.06 2.13 0.00	28.18 2.05 -2.17	27.68 2.18 0.00	24.21 1.77 -2.30	30.59 2.48 0.00	25.82 2.09 0.00	29.77 2.28 0.00	32.11 2.35 0.00	37.52 2.73 0.00	50.66 3.57 0.00	41.49 2.95 0.00	52.72 3.56 0.00	67.20 4.07 0.00	24.50 1.49 0.00	16.78 1.23 0.00
BROOKLYN___ARMY_DRP 323595	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
BROOKVLE_69_KV_TB1 55790	15.77 1.19 0.00	12.44 0.49 -6.69	11.86 0.71 -3.47	9.02 0.33 -5.22	11.94 0.17 -9.96	14.73 1.29 -0.13	20.50 1.85 -0.30	26.29 2.30 0.00	26.52 2.22 -1.34	28.49 2.56 0.00	28.61 2.49 -2.17	28.11 2.61 0.00	24.61 2.16 -2.30	31.11 3.00 0.00	26.30 2.57 0.00	30.35 2.86 0.00	32.76 3.00 0.00	38.09 3.30 0.00	51.55 4.45 0.00	42.35 3.80 0.00	53.85 4.69 0.00	68.31 5.18 0.00	25.02 2.01 0.00	17.08 1.53 0.00
BROOME_2_LFGE 323671	14.49 -0.08 0.00	7.58 0.01 -2.32	8.86 -0.02 -1.20	5.28 0.00 -1.81	5.26 0.00 -3.45	13.37 0.01 -0.04	18.45 -0.01 -0.10	23.97 -0.01 0.00	23.35 -0.07 -0.46	25.92 -0.02 0.00	24.69 -0.02 -0.75	25.48 -0.02 0.00	20.96 0.02 -0.79	28.18 0.07 0.00	23.74 0.02 0.00	27.53 0.05 0.00	29.81 0.05 0.00	34.79 0.00 0.00	47.01 -0.08 0.00	38.64 0.10 0.00	49.39 0.23 0.00	63.25 0.12 0.00	22.98 -0.03 0.00	15.62 0.06 0.00
BROOME___LFGE 323600	14.49 -0.08 0.00	7.58 0.01 -2.32	8.86 -0.02 -1.20	5.28 0.00 -1.81	5.26 0.00 -3.45	13.37 0.01 -0.04	18.45 -0.01 -0.10	23.97 -0.01 0.00	23.35 -0.07 -0.46	25.92 -0.02 0.00	24.69 -0.02 -0.75	25.48 -0.02 0.00	20.96 0.02 -0.79	28.18 0.07 0.00	23.74 0.02 0.00	27.53 0.05 0.00	29.81 0.05 0.00	34.79 0.00 0.00	47.01 -0.08 0.00	38.64 0.10 0.00	49.39 0.23 0.00	63.25 0.12 0.00	22.98 -0.03 0.00	15.62 0.06 0.00
BROWNFLS_115KV_TB_3_5 80003	14.08 -0.50 0.00	5.22 -0.23 -0.20	7.47 -0.31 -0.10	-4.29 -0.15 7.61	-2.25 -0.09 3.98	12.64 -0.68 0.00	17.57 -0.80 -0.01	23.59 -0.97 -0.58	25.06 -0.99 -3.10	29.36 -1.15 -4.58	6.70 -1.00 16.26	12.48 -0.88 12.15	4.11 -0.77 15.27	32.18 -1.01 -5.08	27.87 -0.68 -4.82	31.56 -1.01 -5.09	34.58 -0.56 -5.38	40.58 -0.21 -6.00	54.23 -0.19 -7.33	44.51 -0.20 -6.17	56.16 -0.22 -7.22	70.84 -0.15 -7.86	27.69 0.00 -4.68	19.04 -0.44 -3.92
BROWNSV1_27_KV_LOAD 356125	15.73 1.16 0.00	12.42 0.46 -6.70	11.83 0.68 -3.47	9.01 0.32 -5.23	11.94 0.16 -9.97	14.68 1.24 -0.13	20.33 1.67 -0.30	26.08 2.09 0.00	26.43 2.13 -1.34	28.34 2.42 0.00	28.43 2.31 -2.17	27.95 2.44 0.00	24.42 1.98 -2.30	30.88 2.77 0.00	26.06 2.33 0.00	30.07 2.59 0.00	32.44 2.68 0.00	37.89 3.11 0.00	51.18 4.09 0.00	41.91 3.37 0.00	53.25 4.09 0.00	67.86 4.73 0.00	24.76 1.75 0.00	16.94 1.39 0.00
BURROWS___LYONSDAL 23803	14.41 -0.16 0.00	5.40 -0.08 -0.23	7.71 -0.09 -0.12	1.99 -0.04 1.44	1.23 -0.03 0.55	13.12 -0.20 0.00	18.19 -0.17 -0.01	23.95 -0.19 -0.16	23.63 -0.23 -0.91	26.93 -0.30 -1.29	20.49 -0.22 3.24	22.92 -0.20 2.39	16.87 -0.24 3.04	29.40 -0.13 -1.42	25.18 0.10 -1.35	28.78 -0.13 -1.43	31.73 0.46 -1.51	37.41 0.94 -1.68	50.78 1.28 -2.41	41.37 1.06 -1.77	52.62 1.38 -2.08	67.13 1.74 -2.26	24.88 0.52 -1.35	16.71 0.03 -1.13
CAITHNESS_CC_1 323624	15.70 1.13 0.00	12.45 0.50 -6.69	11.87 0.72 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.76 1.32 -0.13	20.58 1.93 -0.30	26.29 2.31 0.00	26.39 2.09 -1.34	28.30 2.37 0.00	28.36 2.23 -2.17	27.79 2.29 0.00	24.36 1.92 -2.30	30.79 2.69 0.00	26.01 2.28 0.00	29.98 2.50 0.00	32.38 2.62 0.00	37.77 2.99 0.00	51.33 4.24 0.00	42.19 3.65 0.00	53.58 4.43 0.00	67.78 4.65 0.00	24.95 1.94 0.00	17.04 1.49 0.00
CALPINE BETH_PAGE_GT4 24209	15.68 1.10 0.00	12.42 0.46 -6.69	11.82 0.68 -3.47	9.01 0.31 -5.22	11.93 0.16 -9.96	14.66 1.22 -0.13	20.41 1.75 -0.30	26.15 2.17 0.00	26.37 2.07 -1.34	28.31 2.38 0.00	28.43 2.31 -2.17	27.93 2.42 0.00	24.46 2.02 -2.30	30.92 2.81 0.00	26.12 2.40 0.00	30.14 2.66 0.00	32.54 2.78 0.00	37.80 3.01 0.00	51.16 4.07 0.00	42.02 3.48 0.00	53.56 4.40 0.00	67.87 4.74 0.00	24.89 1.88 0.00	17.00 1.44 0.00
CALPINE_BETH_PAGE_GT_4 323586	15.68 1.10 0.00	12.42 0.46 -6.69	11.82 0.68 -3.47	9.01 0.31 -5.22	11.93 0.16 -9.96	14.66 1.22 -0.13	20.41 1.75 -0.30	26.15 2.17 0.00	26.37 2.07 -1.34	28.32 2.39 0.00	28.43 2.31 -2.17	27.93 2.42 0.00	24.46 2.02 -2.30	30.92 2.81 0.00	26.13 2.40 0.00	30.15 2.66 0.00	32.54 2.78 0.00	37.79 3.01 0.00	51.16 4.07 0.00	42.02 3.48 0.00	53.56 4.40 0.00	67.87 4.75 0.00	24.89 1.88 0.00	17.00 1.44 0.00
CALPINE_BP_GT1 23823	15.68 1.10 0.00	12.42 0.46 -6.69	11.82 0.68 -3.47	9.01 0.31 -5.22	11.93 0.16 -9.96	14.66 1.22 -0.13	20.41 1.75 -0.30	26.15 2.17 0.00	26.37 2.07 -1.34	28.32 2.39 0.00	28.43 2.31 -2.17	27.93 2.42 0.00	24.46 2.02 -2.30	30.92 2.81 0.00	26.13 2.40 0.00	30.15 2.66 0.00	32.54 2.78 0.00	37.79 3.01 0.00	51.16 4.07 0.00	42.02 3.48 0.00	53.56 4.40 0.00	67.87 4.75 0.00	24.89 1.88 0.00	17.00 1.44 0.00
CALSPAN___DRP 24200	13.55 -1.03 0.00	6.03 -0.36 -1.13	7.72 -0.54 -0.59	4.12 -0.23 -0.88	3.37 -0.12 -1.68	12.47 -0.87 -0.02	17.05 -1.36 -0.05	22.12 -1.86 0.00	21.33 -1.85 -0.23	24.01 -1.92 0.00	22.10 -2.23 -0.36	23.13 -2.37 0.00	18.70 -1.83 -0.39	26.01 -2.10 0.00	21.87 -1.86 0.00	25.60 -1.89 0.00	27.76 -2.00 0.00	32.24 -2.54 0.00	43.88 -3.21 0.00	36.05 -2.49 0.00	46.32 -2.84 0.00	59.26 -3.87 0.00	21.56 -1.45 0.00	14.79 -0.76 0.00

CALVERTON___SOLAR 323806	15.74 1.16 0.00	12.46 0.51 -6.69	11.89 0.75 -3.47	9.04 0.35 -5.22	11.94 0.17 -9.96	14.82 1.38 -0.13	20.68 2.02 -0.30	26.41 2.43 0.00	26.47 2.18 -1.34	28.39 2.46 0.00	28.42 2.29 -2.17	27.84 2.34 0.00	24.41 1.97 -2.30	30.86 2.76 0.00	26.06 2.33 0.00	30.02 2.54 0.00	32.44 2.67 0.00	37.89 3.11 0.00	51.53 4.44 0.00	42.36 3.81 0.00	53.78 4.62 0.00	67.97 4.84 0.00	25.02 2.01 0.00	17.09 1.53 0.00
CANDIGU_WT_PWR 323617	13.82 -0.76 0.00	6.91 -0.16 -1.81	8.28 -0.33 -0.94	4.76 -0.12 -1.41	4.44 -0.06 -2.69	12.76 -0.59 -0.03	17.62 -0.82 -0.08	22.97 -1.02 0.00	22.26 -1.06 -0.36	24.78 -1.15 0.00	23.55 -0.99 -0.59	24.39 -1.11 0.00	19.85 -0.91 -0.62	26.90 -1.21 0.00	22.70 -1.02 0.00	26.59 -0.89 0.00	28.89 -0.87 0.00	33.77 -1.01 0.00	45.86 -1.23 0.00	37.88 -0.66 0.00	48.48 -0.68 0.00	61.69 -1.44 0.00	22.23 -0.78 0.00	15.17 -0.39 0.00
CARR STREET_E_SYR 24060	14.25 -0.32 0.00	5.90 -0.10 -0.75	7.91 -0.15 -0.39	3.99 -0.06 -0.58	2.89 -0.03 -1.11	13.11 -0.22 -0.01	18.08 -0.31 -0.03	23.59 -0.40 0.00	22.70 -0.40 -0.15	25.53 -0.40 0.00	23.78 -0.42 -0.24	25.03 -0.47 0.00	20.01 -0.39 -0.25	27.54 -0.57 0.00	23.23 -0.50 0.00	26.95 -0.53 0.00	29.23 -0.53 0.00	34.16 -0.62 0.00	46.25 -0.84 0.00	37.90 -0.64 0.00	48.39 -0.76 0.00	62.30 -0.83 0.00	22.65 -0.36 0.00	15.36 -0.20 0.00
CARTHAGE___PAPER 23857	14.03 -0.54 0.00	5.37 -0.24 -0.36	7.56 -0.30 -0.19	0.31 -0.13 3.03	0.44 -0.08 1.29	12.74 -0.58 -0.01	17.73 -0.64 -0.02	23.44 -0.80 -0.26	23.55 -0.87 -1.47	26.98 -1.04 -2.09	16.26 -0.90 6.80	19.53 -0.86 5.12	12.95 -0.81 6.38	29.27 -1.16 -2.32	25.26 -0.67 -2.20	28.93 -0.87 -2.32	32.22 0.00 -2.45	38.33 0.81 -2.74	51.71 1.22 -3.39	42.28 0.92 -2.82	53.68 1.21 -3.31	68.28 1.54 -3.61	25.54 0.38 -2.15	17.03 -0.32 -1.80
CASSADAGA_WT_PWR 323784	13.46 -1.12 0.00	6.12 -0.34 -1.20	7.78 -0.52 -0.62	4.20 -0.21 -0.94	3.46 -0.14 -1.79	12.51 -0.82 -0.02	17.31 -1.10 -0.05	22.05 -1.93 0.00	21.35 -1.84 -0.24	23.81 -2.12 0.00	21.97 -2.38 -0.39	23.04 -2.47 0.00	18.73 -1.82 -0.41	25.91 -2.20 0.00	22.03 -1.70 0.00	26.38 -1.11 0.00	28.70 -1.06 0.00	33.39 -1.39 0.00	45.12 -1.97 0.00	37.16 -1.39 0.00	47.77 -1.39 0.00	61.06 -2.07 0.00	22.13 -0.88 0.00	15.15 -0.40 0.00
CE_DUNWOOD___DRP 24194	15.54 0.96 0.00	12.33 0.39 -6.68	11.72 0.58 -3.46	8.95 0.27 -5.21	11.88 0.14 -9.93	14.50 1.05 -0.13	20.10 1.44 -0.30	25.77 1.79 0.00	26.09 1.80 -1.34	27.97 2.04 0.00	28.08 1.96 -2.16	27.57 2.06 0.00	24.11 1.68 -2.29	30.46 2.35 0.00	25.71 1.98 0.00	29.68 2.20 0.00	32.04 2.28 0.00	37.44 2.65 0.00	50.57 3.47 0.00	41.39 2.85 0.00	52.64 3.48 0.00	67.14 4.01 0.00	24.48 1.48 0.00	16.73 1.17 0.00
CE_MILLWOOD___DRP 24193	15.52 0.94 0.00	12.27 0.39 -6.63	11.68 0.57 -3.43	8.91 0.27 -5.17	11.81 0.14 -9.86	14.47 1.03 -0.13	20.07 1.42 -0.30	25.75 1.76 0.00	26.05 1.77 -1.33	27.93 1.99 0.00	28.02 1.92 -2.15	27.53 2.03 0.00	24.06 1.65 -2.27	30.41 2.30 0.00	25.67 1.94 0.00	29.64 2.15 0.00	32.00 2.24 0.00	37.40 2.62 0.00	50.51 3.42 0.00	41.33 2.79 0.00	52.58 3.42 0.00	67.09 3.96 0.00	24.46 1.45 0.00	16.70 1.15 0.00
CE_NYC2_DRP 24202	15.65 1.07 0.00	12.40 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.16 -0.13	20.20 1.54 -0.30	25.89 1.91 0.00	26.25 1.95 -1.34	28.14 2.21 0.00	28.25 2.12 -2.17	27.76 2.25 0.00	24.26 1.81 -2.30	30.65 2.54 0.00	25.87 2.14 0.00	29.80 2.32 0.00	32.16 2.41 0.00	37.58 2.79 0.00	50.76 3.67 0.00	41.62 3.07 0.00	52.83 3.67 0.00	67.31 4.19 0.00	24.57 1.56 0.00	16.85 1.30 0.00
CE_NYC_DRP 24195	15.61 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.92 0.15 -9.97	14.57 1.13 -0.13	20.16 1.51 -0.30	25.85 1.87 0.00	26.20 1.91 -1.34	28.09 2.16 0.00	28.20 2.08 -2.17	27.70 2.20 0.00	24.23 1.78 -2.30	30.61 2.50 0.00	25.84 2.12 0.00	29.80 2.32 0.00	32.15 2.39 0.00	37.55 2.77 0.00	50.71 3.61 0.00	41.52 2.97 0.00	52.75 3.59 0.00	67.23 4.10 0.00	24.54 1.53 0.00	16.80 1.24 0.00
CHAFFEE___LFGE 323603	13.64 -0.93 0.00	6.11 -0.32 -1.17	7.78 -0.50 -0.61	4.18 -0.20 -0.92	3.45 -0.11 -1.75	12.55 -0.79 -0.02	17.18 -1.23 -0.05	22.29 -1.69 0.00	21.50 -1.69 -0.23	24.22 -1.72 0.00	22.30 -2.04 -0.38	23.31 -2.20 0.00	18.88 -1.67 -0.40	26.22 -1.89 0.00	22.04 -1.68 0.00	25.81 -1.67 0.00	27.99 -1.77 0.00	32.50 -2.28 0.00	44.20 -2.89 0.00	36.33 -2.21 0.00	46.67 -2.50 0.00	59.70 -3.43 0.00	21.73 -1.28 0.00	14.90 -0.65 0.00
CHATEAUG_35_KV_LOAD 355732	14.34 -0.23 0.00	5.15 -0.11 0.00	7.49 -0.19 0.00	-10.97 -0.15 14.29	-6.12 -0.07 7.86	12.59 -0.72 0.00	17.59 -0.76 0.00	17.11 -0.99 5.88	-9.20 -1.10 31.06	-21.85 -1.27 46.51	-21.18 -1.17 43.98	-21.84 -1.15 46.20	-21.60 -0.93 40.82	-24.86 -1.34 51.63	-26.39 -1.08 49.03	-25.45 -1.25 51.69	-26.28 -1.33 54.71	-27.71 -1.46 61.03	-28.44 -1.86 73.67	-25.44 -1.53 62.45	-25.92 -1.97 73.11	-18.81 -2.39 79.55	-25.12 -0.72 47.41	-24.85 -0.69 39.71
CHATEAUG_WT_PWR 323614	14.30 -0.27 0.00	5.14 -0.12 0.00	7.48 -0.20 0.00	-11.25 -0.16 14.56	-6.28 -0.08 8.01	12.51 -0.81 0.00	17.51 -0.85 0.00	17.41 -1.11 5.46	-7.15 -1.22 28.88	-18.76 -1.44 43.25	-21.11 -1.30 43.77	-21.02 -1.25 45.28	-21.56 -1.06 40.65	-21.43 -1.53 48.01	-23.12 -1.26 45.60	-22.06 -1.47 48.07	-22.72 -1.60 50.88	-23.78 -1.81 56.76	-23.78 -2.36 68.51	-21.47 -1.93 58.08	-21.29 -2.46 67.99	-13.80 -2.94 73.98	-22.01 -0.94 44.09	-22.21 -0.84 36.93
CHAT_HIGH_FALL_HYD 323578	14.34 -0.23 0.00	5.15 -0.11 0.00	7.49 -0.19 0.00	-10.97 -0.15 14.29	-6.12 -0.07 7.86	12.59 -0.72 0.00	17.59 -0.76 0.00	17.11 -0.99 5.88	-9.20 -1.10 31.06	-21.85 -1.27 46.51	-21.18 -1.17 43.98	-21.84 -1.15 46.20	-21.60 -0.93 40.82	-24.86 -1.34 51.63	-26.39 -1.08 49.03	-25.45 -1.25 51.69	-26.28 -1.33 54.71	-27.71 -1.46 61.03	-28.44 -1.86 73.67	-25.44 -1.53 62.45	-25.92 -1.97 73.11	-18.81 -2.39 79.55	-25.12 -0.72 47.41	-24.85 -0.69 39.71
CHAUTAUQUA___LFGE 323629	13.50 -1.08 0.00	6.08 -0.35 -1.17	7.73 -0.55 -0.61	4.16 -0.22 -0.91	3.42 -0.13 -1.74	12.48 -0.86 -0.02	17.16 -1.25 -0.05	22.18 -1.80 0.00	21.37 -1.82 -0.23	23.97 -1.97 0.00	22.11 -2.23 -0.38	23.14 -2.37 0.00	18.87 -1.68 -0.40	26.13 -1.97 0.00	22.02 -1.70 0.00	25.95 -1.54 0.00	28.18 -1.58 0.00	32.81 -1.98 0.00	44.30 -2.79 0.00	36.48 -2.06 0.00	46.91 -2.24 0.00	59.90 -3.23 0.00	21.74 -1.27 0.00	14.87 -0.69 0.00
CHERRYST_13_KV_LD 356241	15.64 1.07 0.00	12.39 0.43 -6.70	11.78 0.64 -3.47	8.99 0.30 -5.23	11.93 0.15 -9.97	14.61 1.16 -0.13	20.22 1.56 -0.30	25.92 1.94 0.00	26.28 1.98 -1.34	28.18 2.25 0.00	28.28 2.16 -2.17	27.79 2.28 0.00	24.30 1.85 -2.30	30.71 2.60 0.00	25.92 2.19 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.67 2.88 0.00	50.86 3.77 0.00	41.63 3.09 0.00	52.90 3.74 0.00	67.40 4.27 0.00	24.59 1.58 0.00	16.84 1.28 0.00

CHESTROR_138KV_BK263 355645	15.36 0.78 0.00	11.84 0.33 -6.25	11.40 0.49 -3.24	8.57 0.23 -4.88	11.23 0.12 -9.30	14.30 0.87 -0.12	19.83 1.20 -0.28	25.45 1.47 0.00	25.69 1.48 -1.26	27.60 1.67 0.00	27.59 1.61 -2.03	27.19 1.69 0.00	23.66 1.37 -2.14	30.03 1.92 0.00	25.35 1.62 0.00	29.28 1.80 0.00	31.64 1.88 0.00	36.99 2.21 0.00	49.96 2.87 0.00	40.88 2.34 0.00	52.03 2.87 0.00	66.45 3.32 0.00	24.21 1.20 0.00	16.51 0.95 0.00
CH_MIDHUDSON___DRP 24192	15.48 0.90 0.00	12.51 0.37 -6.88	11.79 0.54 -3.57	9.09 0.25 -5.37	12.18 0.13 -10.24	14.43 0.98 -0.13	20.01 1.35 -0.31	25.64 1.66 0.00	26.01 1.68 -1.38	27.81 1.88 0.00	28.00 1.81 -2.23	27.42 1.91 0.00	24.07 1.56 -2.36	30.28 2.17 0.00	25.56 1.83 0.00	29.51 2.03 0.00	31.87 2.11 0.00	37.27 2.48 0.00	50.36 3.27 0.00	41.21 2.66 0.00	52.41 3.25 0.00	66.90 3.77 0.00	24.37 1.37 0.00	16.65 1.09 0.00
CH_MISC_IPPS 23765	15.55 0.97 0.00	12.41 0.39 -6.76	11.76 0.58 -3.50	9.01 0.27 -5.27	12.00 0.14 -10.05	14.49 1.05 -0.13	20.12 1.46 -0.30	25.79 1.80 0.00	26.13 1.82 -1.36	27.97 2.05 0.00	28.12 1.97 -2.19	27.59 2.08 0.00	24.15 1.69 -2.32	30.46 2.35 0.00	25.71 1.98 0.00	29.70 2.21 0.00	32.09 2.33 0.00	37.52 2.74 0.00	50.70 3.60 0.00	41.47 2.93 0.00	52.75 3.59 0.00	67.32 4.19 0.00	24.52 1.51 0.00	16.73 1.18 0.00
CH_RES_BVR_FALLS 23983	14.19 -0.38 0.00	5.09 -0.17 0.00	7.43 -0.25 0.00	-19.50 -0.12 22.85	-10.82 -0.06 12.56	12.87 -0.44 0.00	17.69 -0.66 0.00	23.12 -0.86 0.00	22.06 -0.89 0.00	24.91 -1.02 0.00	-28.42 -0.90 51.48	-17.15 -1.04 41.62	-28.88 -0.78 48.25	27.12 -0.99 0.00	22.94 -0.78 0.00	26.60 -0.88 0.00	29.08 -0.69 0.00	34.22 -0.57 0.00	46.46 -0.63 0.00	38.03 -0.51 0.00	48.55 -0.61 0.00	62.39 -0.74 0.00	22.76 -0.25 0.00	15.14 -0.42 0.00
CH_RES_NIAGARA 23895	13.22 -1.36 0.00	5.86 -0.47 -1.07	7.51 -0.71 -0.55	4.00 -0.30 -0.83	3.24 -0.16 -1.59	12.16 -1.18 -0.02	16.50 -1.91 -0.05	21.27 -2.72 0.00	20.47 -2.69 -0.21	23.07 -2.86 0.00	21.16 -3.14 -0.35	22.12 -3.39 0.00	17.90 -2.62 -0.37	24.84 -3.27 0.00	20.93 -2.80 0.00	24.48 -3.01 0.00	26.55 -3.22 0.00	30.79 -3.99 0.00	41.99 -5.11 0.00	34.46 -4.08 0.00	44.29 -4.86 0.00	56.65 -6.48 0.00	20.68 -2.33 0.00	14.30 -1.26 0.00
CH_RES_SYRACUSE 23985	14.35 -0.22 0.00	6.02 -0.06 -0.83	8.00 -0.10 -0.43	4.07 -0.04 -0.65	3.02 -0.02 -1.23	13.19 -0.14 -0.02	18.21 -0.19 -0.04	23.75 -0.23 0.00	22.87 -0.25 -0.17	25.68 -0.24 0.00	23.95 -0.27 -0.27	25.19 -0.32 0.00	20.16 -0.27 -0.28	27.72 -0.39 0.00	23.38 -0.35 0.00	27.12 -0.37 0.00	29.43 -0.33 0.00	34.41 -0.37 0.00	46.59 -0.50 0.00	38.17 -0.37 0.00	48.74 -0.42 0.00	62.72 -0.41 0.00	22.80 -0.21 0.00	15.46 -0.10 0.00
CLINTON_WT_PWR 323605	14.30 -0.27 0.00	5.14 -0.12 0.00	7.48 -0.20 0.00	-11.25 -0.16 14.56	-6.28 -0.08 8.01	12.51 -0.81 0.00	17.51 -0.85 0.00	17.41 -1.11 5.46	-7.15 -1.22 28.88	-18.76 -1.44 43.25	-21.11 -1.30 43.77	-21.02 -1.25 45.28	-21.56 -1.06 40.65	-21.43 -1.53 48.01	-23.12 -1.26 45.60	-22.06 -1.47 48.07	-22.72 -1.60 50.88	-23.78 -1.81 56.76	-23.78 -2.36 68.51	-21.47 -1.93 58.08	-21.29 -2.46 67.99	-13.80 -2.94 73.98	-22.01 -0.94 44.09	-22.21 -0.84 36.93
CLINTON___LFGE 323618	14.49 -0.08 0.00	5.21 -0.05 0.00	7.59 -0.08 0.00	-11.13 -0.11 14.49	-6.21 -0.06 7.97	12.69 -0.63 0.00	17.75 -0.61 0.00	17.64 -0.77 5.57	-7.45 -0.96 29.45	-19.22 -1.05 44.10	-20.80 -0.93 43.82	-20.89 -0.87 45.52	-21.29 -0.74 40.70	-21.91 -1.06 48.96	-23.68 -0.92 46.49	-22.58 -1.05 49.02	-23.21 -1.09 51.88	-24.25 -1.16 57.88	-24.26 -1.49 69.86	-21.90 -1.22 59.22	-21.77 -1.60 69.33	-14.16 -1.85 75.44	-22.54 -0.59 44.95	-22.68 -0.59 37.65
COBBLENY_34_KV_TB1 80064	13.64 -0.93 0.00	6.11 -0.32 -1.17	7.78 -0.50 -0.61	4.18 -0.20 -0.92	3.45 -0.11 -1.75	12.55 -0.78 -0.02	17.18 -1.23 -0.05	22.29 -1.69 0.00	21.50 -1.69 -0.23	24.20 -1.73 0.00	22.30 -2.04 -0.38	23.31 -2.20 0.00	18.86 -1.69 -0.40	26.21 -1.90 0.00	22.03 -1.70 0.00	25.79 -1.70 0.00	27.96 -1.80 0.00	32.48 -2.30 0.00	44.19 -2.90 0.00	36.32 -2.22 0.00	46.66 -2.50 0.00	59.69 -3.44 0.00	21.71 -1.30 0.00	14.89 -0.67 0.00
COFFEEN___115KV_TB3 355620	13.95 -0.63 0.00	5.41 -0.27 -0.42	7.56 -0.34 -0.22	0.92 -0.14 2.41	0.84 -0.09 0.88	12.73 -0.60 -0.01	17.73 -0.65 -0.02	23.37 -0.83 -0.22	23.28 -0.92 -1.25	26.57 -1.10 -1.74	17.42 -0.95 5.58	20.33 -0.95 4.23	14.01 -0.90 5.23	28.45 -1.59 -1.93	24.61 -0.95 -1.83	28.43 -0.99 -1.93	31.73 -0.08 -2.05	37.87 0.81 -2.28	51.16 1.24 -2.83	41.89 0.99 -2.36	53.22 1.30 -2.76	67.80 1.66 -3.01	25.15 0.35 -1.79	16.70 -0.36 -1.50
COLDSPRG_115KV_BK1 355956	14.11 -0.47 0.00	6.38 -0.13 -1.25	8.11 -0.21 -0.65	4.38 -0.07 -0.98	3.62 -0.05 -1.86	13.02 -0.32 -0.02	17.86 -0.55 -0.06	23.04 -0.95 0.00	22.27 -0.93 -0.25	24.93 -1.00 0.00	23.11 -1.26 -0.41	24.29 -1.22 0.00	19.67 -0.91 -0.43	27.38 -0.73 0.00	23.07 -0.65 0.00	27.21 -0.28 0.00	29.50 -0.26 0.00	34.23 -0.55 0.00	46.23 -0.86 0.00	38.08 -0.46 0.00	48.97 -0.18 0.00	62.76 -0.37 0.00	22.78 -0.23 0.00	15.61 0.06 0.00
COLONIE_LFGE___ 323577	15.24 0.66 0.00	13.89 0.28 -8.36	12.41 0.40 -4.33	10.17 0.19 -6.52	14.34 0.10 -12.44	14.17 0.70 -0.16	19.67 0.93 -0.37	25.11 1.12 0.00	25.74 1.11 -1.68	27.12 1.19 0.00	27.84 1.17 -2.71	26.76 1.26 0.00	24.04 1.03 -2.87	29.56 1.45 0.00	24.93 1.20 0.00	28.82 1.34 0.00	31.05 1.29 0.00	36.33 1.54 0.00	49.12 2.03 0.00	40.17 1.63 0.00	51.19 2.04 0.00	65.61 2.48 0.00	23.88 0.87 0.00	16.22 0.67 0.00
COOPERNY_115KV_TB1 80082	15.15 0.57 0.00	10.60 0.24 -5.10	10.69 0.37 -2.65	7.62 0.17 -3.98	9.49 0.09 -7.59	14.06 0.65 -0.10	19.47 0.89 -0.23	25.07 1.09 0.00	25.07 1.09 -1.02	27.16 1.23 0.00	26.80 1.19 -1.65	26.75 1.24 0.00	22.91 1.01 -1.75	29.52 1.41 0.00	24.91 1.19 0.00	28.80 1.32 0.00	31.14 1.37 0.00	36.40 1.61 0.00	49.19 2.10 0.00	40.26 1.72 0.00	51.29 2.13 0.00	65.58 2.45 0.00	23.90 0.89 0.00	16.27 0.72 0.00
COPENHAGEN_WT_PWR 323753	13.70 -0.88 0.00	5.34 -0.36 -0.44	7.45 -0.45 -0.23	1.03 -0.19 2.24	0.92 -0.12 0.77	12.50 -0.82 -0.01	17.38 -1.00 -0.02	22.87 -1.32 -0.21	22.78 -1.36 -1.19	26.01 -1.57 -1.65	17.28 -1.41 5.26	20.07 -1.45 3.99	13.95 -1.27 4.93	27.95 -1.98 -1.83	24.10 -1.36 -1.74	27.76 -1.55 -1.83	31.15 -0.54 -1.94	37.33 0.39 -2.16	50.45 0.68 -2.68	41.31 0.54 -2.23	52.50 0.72 -2.62	66.91 0.93 -2.85	24.78 0.07 -1.70	16.35 -0.63 -1.42
CORNELL_____ 23752	14.64 0.06 0.00	7.01 0.05 -1.69	8.60 0.04 -0.88	4.82 0.03 -1.32	4.35 0.02 -2.52	13.48 0.13 -0.03	18.64 0.21 -0.08	24.28 0.30 0.00	23.51 0.22 -0.34	26.22 0.29 0.00	24.77 0.26 -0.55	25.75 0.24 0.00	20.93 0.20 -0.58	28.43 0.32 0.00	23.96 0.23 0.00	27.76 0.27 0.00	30.17 0.41 0.00	35.29 0.51 0.00	47.77 0.68 0.00	39.22 0.67 0.00	50.15 0.99 0.00	64.31 1.18 0.00	23.34 0.33 0.00	15.82 0.27 0.00

CORONA__69_KV_TB1 355595	15.73 1.15 0.00	12.43 0.48 -6.69	11.84 0.69 -3.47	9.01 0.32 -5.22	11.93 0.16 -9.96	14.69 1.24 -0.13	20.42 1.76 -0.30	26.14 2.16 0.00	26.39 2.10 -1.34	28.34 2.41 0.00	28.49 2.37 -2.17	28.00 2.50 0.00	24.52 2.07 -2.30	30.99 2.89 0.00	26.19 2.47 0.00	30.22 2.74 0.00	32.62 2.86 0.00	37.94 3.16 0.00	51.33 4.23 0.00	42.19 3.65 0.00	53.61 4.45 0.00	68.05 4.92 0.00	24.92 1.91 0.00	17.03 1.48 0.00
CORTLAND__115KV_TB3 80093	14.54 -0.03 0.00	6.78 0.02 -1.51	8.46 0.00 -0.78	4.65 0.01 -1.18	4.06 0.01 -2.24	13.40 0.05 -0.03	18.51 0.09 -0.07	24.12 0.13 0.00	23.33 0.07 -0.30	26.04 0.11 0.00	24.55 0.10 -0.49	25.59 0.08 0.00	20.75 0.08 -0.52	28.29 0.18 0.00	23.87 0.14 0.00	27.64 0.16 0.00	30.02 0.26 0.00	35.09 0.31 0.00	47.48 0.38 0.00	38.94 0.40 0.00	49.74 0.58 0.00	63.80 0.67 0.00	23.18 0.17 0.00	15.71 0.16 0.00
COXSACKIE__GT 23611	15.66 1.09 0.00	13.50 0.43 -7.81	12.34 0.62 -4.05	9.85 0.28 -6.09	13.58 0.15 -11.62	14.59 1.12 -0.15	20.22 1.51 -0.35	25.90 1.92 0.00	26.45 1.93 -1.57	28.04 2.11 0.00	28.42 1.93 -2.53	27.63 2.13 0.00	24.44 1.61 -2.68	30.44 2.33 0.00	25.78 2.06 0.00	29.84 2.35 0.00	32.36 2.59 0.00	37.96 3.18 0.00	51.37 4.27 0.00	41.91 3.37 0.00	53.29 4.13 0.00	68.13 5.00 0.00	24.72 1.71 0.00	16.75 1.19 0.00
CPV_VALLEY__CC1 323721	15.23 0.66 0.00	11.39 0.28 -5.85	11.14 0.44 -3.03	8.23 0.20 -4.56	10.61 0.10 -8.70	14.18 0.75 -0.11	19.65 1.03 -0.26	25.23 1.25 0.00	25.39 1.26 -1.17	27.35 1.42 0.00	27.23 1.37 -1.89	26.95 1.45 0.00	23.34 1.18 -2.01	29.75 1.64 0.00	25.11 1.39 0.00	29.02 1.53 0.00	31.35 1.59 0.00	36.65 1.87 0.00	49.52 2.43 0.00	40.51 1.97 0.00	51.57 2.41 0.00	65.89 2.76 0.00	24.01 1.00 0.00	16.37 0.82 0.00
CPV_VALLEY__CC2 323722	15.23 0.66 0.00	11.39 0.28 -5.85	11.14 0.44 -3.03	8.23 0.20 -4.56	10.61 0.10 -8.70	14.18 0.75 -0.11	19.65 1.03 -0.26	25.23 1.25 0.00	25.39 1.26 -1.17	27.35 1.42 0.00	27.23 1.37 -1.89	26.95 1.45 0.00	23.34 1.18 -2.01	29.75 1.64 0.00	25.11 1.39 0.00	29.02 1.53 0.00	31.35 1.59 0.00	36.65 1.87 0.00	49.52 2.43 0.00	40.51 1.97 0.00	51.57 2.41 0.00	65.89 2.76 0.00	24.01 1.00 0.00	16.37 0.82 0.00
CRESCENT__HYD 24018	15.24 0.66 0.00	13.89 0.28 -8.36	12.41 0.40 -4.33	10.17 0.19 -6.52	14.34 0.10 -12.44	14.17 0.70 -0.16	19.67 0.93 -0.37	25.11 1.12 0.00	25.74 1.11 -1.68	27.12 1.19 0.00	27.84 1.17 -2.71	26.76 1.26 0.00	24.04 1.03 -2.87	29.56 1.45 0.00	24.93 1.20 0.00	28.82 1.34 0.00	31.05 1.29 0.00	36.33 1.54 0.00	49.12 2.03 0.00	40.17 1.63 0.00	51.19 2.04 0.00	65.61 2.48 0.00	23.88 0.87 0.00	16.22 0.67 0.00
CRICKET__VALLEY_CC1 323756	15.42 0.84 0.00	12.73 0.35 -7.12	11.88 0.52 -3.69	9.26 0.24 -5.56	12.53 0.12 -10.60	14.38 0.93 -0.14	19.93 1.25 -0.32	25.48 1.49 0.00	25.90 1.52 -1.43	27.61 1.68 0.00	27.91 1.64 -2.31	27.24 1.74 0.00	24.02 1.43 -2.44	30.09 1.98 0.00	25.39 1.67 0.00	29.30 1.82 0.00	31.61 1.85 0.00	36.97 2.19 0.00	49.98 2.89 0.00	40.88 2.33 0.00	51.93 2.77 0.00	66.35 3.22 0.00	24.18 1.16 0.00	16.55 1.00 0.00
CRICKET__VALLEY_CC2 323757	15.42 0.84 0.00	12.73 0.35 -7.12	11.88 0.52 -3.69	9.26 0.24 -5.56	12.53 0.12 -10.60	14.38 0.93 -0.14	19.93 1.25 -0.32	25.48 1.49 0.00	25.90 1.52 -1.43	27.61 1.68 0.00	27.91 1.64 -2.31	27.24 1.74 0.00	24.02 1.43 -2.44	30.09 1.98 0.00	25.39 1.67 0.00	29.30 1.82 0.00	31.61 1.85 0.00	36.97 2.19 0.00	49.98 2.89 0.00	40.88 2.33 0.00	51.93 2.77 0.00	66.35 3.22 0.00	24.18 1.16 0.00	16.55 1.00 0.00
CRICKET__VALLEY_CC3 323758	15.42 0.84 0.00	12.73 0.35 -7.12	11.88 0.52 -3.69	9.26 0.24 -5.56	12.53 0.12 -10.60	14.38 0.93 -0.14	19.93 1.25 -0.32	25.48 1.49 0.00	25.90 1.52 -1.43	27.61 1.68 0.00	27.91 1.64 -2.31	27.24 1.74 0.00	24.02 1.43 -2.44	30.09 1.98 0.00	25.39 1.67 0.00	29.30 1.82 0.00	31.61 1.85 0.00	36.97 2.19 0.00	49.98 2.89 0.00	40.88 2.33 0.00	51.93 2.77 0.00	66.35 3.22 0.00	24.18 1.16 0.00	16.55 1.00 0.00
CRUCIBLE__METL_DRP 24180	14.35 -0.22 0.00	6.02 -0.06 -0.83	8.00 -0.10 -0.43	4.07 -0.04 -0.65	3.02 -0.02 -1.23	13.20 -0.14 -0.02	18.21 -0.19 -0.04	23.75 -0.23 0.00	22.87 -0.25 -0.17	25.68 -0.24 0.00	23.95 -0.27 -0.27	25.19 -0.32 0.00	20.16 -0.27 -0.28	27.72 -0.39 0.00	23.37 -0.35 0.00	27.12 -0.37 0.00	29.43 -0.33 0.00	34.41 -0.38 0.00	46.60 -0.49 0.00	38.18 -0.36 0.00	48.74 -0.42 0.00	62.71 -0.42 0.00	22.80 -0.21 0.00	15.45 -0.10 0.00
DAHOWA__HYDRO 323763	15.32 0.75 0.00	14.06 0.31 -8.49	12.52 0.44 -4.40	10.29 0.20 -6.62	14.55 0.11 -12.63	14.28 0.81 -0.16	19.91 1.17 -0.38	25.44 1.46 0.00	26.06 1.40 -1.70	27.44 1.51 0.00	28.16 1.45 -2.75	27.10 1.59 0.00	24.36 1.30 -2.91	30.00 1.89 0.00	25.28 1.55 0.00	29.27 1.78 0.00	31.57 1.82 0.00	36.92 2.13 0.00	50.00 2.91 0.00	40.90 2.36 0.00	51.94 2.78 0.00	66.50 3.37 0.00	24.15 1.14 0.00	16.36 0.80 0.00
DANC__LFGE 323619	13.84 -0.74 0.00	5.50 -0.28 -0.52	7.57 -0.37 -0.27	1.97 -0.16 1.34	1.53 -0.09 0.18	12.67 -0.66 -0.01	17.56 -0.82 -0.02	23.04 -1.08 -0.14	22.71 -1.11 -0.86	25.81 -1.26 -1.14	19.33 -1.15 3.48	21.62 -1.20 2.69	15.85 -1.04 3.25	27.76 -1.61 -1.26	23.76 -1.17 -1.20	27.44 -1.30 -1.27	30.40 -0.70 -1.34	36.10 -0.18 -1.49	48.79 -0.15 -1.85	39.96 -0.12 -1.54	50.85 -0.12 -1.81	65.03 -0.06 -1.97	23.97 -0.21 -1.17	16.00 -0.54 -0.98
DANSKAMMER__1 23586	15.55 0.97 0.00	12.41 0.39 -6.76	11.76 0.58 -3.50	9.01 0.27 -5.27	12.00 0.14 -10.05	14.49 1.05 -0.13	20.12 1.46 -0.30	25.79 1.80 0.00	26.13 1.82 -1.36	27.97 2.05 0.00	28.12 1.97 -2.19	27.59 2.08 0.00	24.15 1.69 -2.32	30.46 2.35 0.00	25.71 1.98 0.00	29.70 2.21 0.00	32.09 2.33 0.00	37.52 2.74 0.00	50.70 3.60 0.00	41.47 2.93 0.00	52.75 3.59 0.00	67.32 4.19 0.00	24.52 1.51 0.00	16.73 1.18 0.00
DANSKAMMER__2 23589	15.55 0.97 0.00	12.41 0.39 -6.76	11.76 0.58 -3.50	9.01 0.27 -5.27	12.00 0.14 -10.05	14.49 1.05 -0.13	20.12 1.46 -0.30	25.79 1.80 0.00	26.13 1.82 -1.36	27.97 2.05 0.00	28.12 1.97 -2.19	27.59 2.08 0.00	24.15 1.69 -2.32	30.46 2.35 0.00	25.71 1.98 0.00	29.70 2.21 0.00	32.09 2.33 0.00	37.52 2.74 0.00	50.70 3.60 0.00	41.47 2.93 0.00	52.75 3.59 0.00	67.32 4.19 0.00	24.52 1.51 0.00	16.73 1.18 0.00
DANSKAMMER__3 23590	15.55 0.97 0.00	12.41 0.39 -6.76	11.76 0.58 -3.50	9.01 0.27 -5.27	12.00 0.14 -10.05	14.49 1.05 -0.13	20.12 1.46 -0.30	25.79 1.80 0.00	26.13 1.82 -1.36	27.97 2.05 0.00	28.12 1.97 -2.19	27.59 2.08 0.00	24.15 1.69 -2.32	30.46 2.35 0.00	25.71 1.98 0.00	29.70 2.21 0.00	32.09 2.33 0.00	37.52 2.74 0.00	50.70 3.60 0.00	41.47 2.93 0.00	52.75 3.59 0.00	67.32 4.19 0.00	24.52 1.51 0.00	16.73 1.18 0.00

DANSKAMMER___4 23591	15.55 0.97 0.00	12.41 0.39 -6.76	11.76 0.58 -3.50	9.01 0.27 -5.27	12.00 0.14 -10.05	14.49 1.05 -0.13	20.12 1.46 -0.30	25.79 1.80 0.00	26.13 1.82 -1.36	27.97 2.05 0.00	28.12 1.97 -2.19	27.59 2.08 0.00	24.15 1.69 -2.32	30.46 2.35 0.00	25.71 1.98 0.00	29.70 2.21 0.00	32.09 2.33 0.00	37.52 2.74 0.00	50.70 3.60 0.00	41.47 2.93 0.00	52.75 3.59 0.00	67.32 4.19 0.00	24.52 1.51 0.00	16.73 1.18 0.00
DANSKAMMER___DIESEL 23592	15.55 0.97 0.00	12.41 0.39 -6.76	11.76 0.58 -3.50	9.01 0.27 -5.27	12.00 0.14 -10.05	14.49 1.05 -0.13	20.12 1.46 -0.30	25.79 1.81 0.00	26.13 1.82 -1.36	27.97 2.05 0.00	28.12 1.97 -2.19	27.59 2.09 0.00	24.15 1.69 -2.32	30.46 2.35 0.00	25.71 1.98 0.00	29.70 2.22 0.00	32.09 2.33 0.00	37.52 2.74 0.00	50.69 3.59 0.00	41.47 2.93 0.00	52.75 3.59 0.00	67.32 4.19 0.00	24.52 1.51 0.00	16.73 1.18 0.00
DARBY___SOLAR 323810	15.30 0.72 0.00	14.03 0.30 -8.47	12.49 0.43 -4.39	10.27 0.19 -6.61	14.52 0.10 -12.61	14.25 0.77 -0.16	19.85 1.11 -0.38	25.36 1.37 0.00	25.98 1.33 -1.70	27.35 1.42 0.00	28.08 1.38 -2.74	27.01 1.51 0.00	24.29 1.24 -2.91	29.90 1.78 0.00	25.20 1.48 0.00	29.17 1.68 0.00	31.46 1.70 0.00	36.79 2.01 0.00	49.81 2.72 0.00	40.76 2.21 0.00	51.77 2.61 0.00	66.28 3.15 0.00	24.09 1.08 0.00	16.32 0.77 0.00
DASHVILLE___HYD 23610	15.38 0.80 0.00	12.53 0.32 -6.94	11.75 0.47 -3.60	9.11 0.22 -5.42	12.25 0.11 -10.33	14.34 0.89 -0.13	19.91 1.25 -0.31	25.53 1.55 0.00	25.92 1.57 -1.39	27.72 1.79 0.00	27.93 1.73 -2.25	27.34 1.83 0.00	23.99 1.46 -2.38	30.18 2.07 0.00	25.46 1.73 0.00	29.39 1.90 0.00	31.73 1.97 0.00	37.08 2.30 0.00	50.10 3.01 0.00	41.01 2.46 0.00	52.16 3.00 0.00	66.54 3.41 0.00	24.26 1.25 0.00	16.57 1.01 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	15.80 1.23 0.00	12.50 0.55 -6.69	11.95 0.81 -3.47	9.08 0.39 -5.22	11.97 0.20 -9.96	15.01 1.57 -0.13	20.96 2.31 -0.30	26.79 2.81 0.00	26.82 2.52 -1.34	28.77 2.84 0.00	28.77 2.64 -2.17	28.20 2.69 0.00	24.68 2.24 -2.30	31.28 3.17 0.00	26.38 2.65 0.00	30.24 2.75 0.00	32.59 2.83 0.00	38.33 3.54 0.00	52.28 5.19 0.00	42.96 4.42 0.00	54.55 5.39 0.00	68.88 5.76 0.00	25.34 2.33 0.00	17.29 1.74 0.00
DELAWARE___LFGE 323621	14.96 0.39 0.00	8.43 0.17 -3.01	9.47 0.24 -1.56	5.93 0.11 -2.35	6.34 0.06 -4.47	13.80 0.43 -0.06	19.09 0.60 -0.13	24.74 0.76 0.00	24.29 0.73 -0.60	26.78 0.85 0.00	25.76 0.83 -0.97	26.37 0.86 0.00	21.87 0.69 -1.03	29.10 1.00 0.00	24.56 0.84 0.00	28.42 0.93 0.00	30.75 0.99 0.00	35.94 1.15 0.00	48.62 1.53 0.00	39.85 1.30 0.00	50.82 1.67 0.00	65.12 1.99 0.00	23.72 0.70 0.00	16.12 0.57 0.00
DERFIELD_115KV_TB7 355931	14.70 0.12 0.00	5.32 0.06 0.00	7.76 0.09 0.00	4.24 0.04 -0.74	2.24 0.02 -0.40	13.47 0.16 0.00	18.56 0.20 0.00	24.22 0.24 0.00	23.18 0.22 0.00	26.16 0.23 0.00	25.86 0.24 -1.66	27.10 0.25 -1.34	21.90 0.20 -1.55	28.41 0.31 0.00	23.99 0.26 0.00	27.76 0.28 0.00	30.05 0.29 0.00	35.12 0.33 0.00	47.52 0.42 0.00	38.95 0.41 0.00	49.70 0.54 0.00	63.77 0.64 0.00	23.23 0.22 0.00	15.72 0.17 0.00
DOGLEVILLE___HYD 23807	14.85 0.27 0.00	5.42 0.17 0.00	7.90 0.23 0.00	4.30 0.10 -0.74	2.27 0.05 -0.40	13.67 0.35 0.00	18.86 0.50 0.00	24.56 0.58 0.00	23.50 0.55 0.00	26.49 0.56 0.00	26.22 0.60 -1.66	27.58 0.73 -1.34	22.22 0.52 -1.55	28.92 0.81 0.00	24.36 0.63 0.00	28.18 0.70 0.00	30.32 0.56 0.00	35.27 0.49 0.00	47.43 0.33 0.00	38.93 0.39 0.00	49.73 0.57 0.00	63.62 0.49 0.00	23.14 0.13 0.00	15.81 0.25 0.00
DUNKIRK___115KV_TB_200 55889	13.51 -1.06 0.00	6.08 -0.34 -1.17	7.74 -0.54 -0.60	4.16 -0.22 -0.91	3.42 -0.13 -1.74	12.49 -0.85 -0.02	17.15 -1.25 -0.05	22.20 -1.78 0.00	21.38 -1.81 -0.23	23.99 -1.94 0.00	22.14 -2.20 -0.38	23.16 -2.34 0.00	18.88 -1.67 -0.40	26.14 -1.96 0.00	22.02 -1.71 0.00	25.90 -1.59 0.00	28.13 -1.63 0.00	32.75 -2.04 0.00	44.23 -2.86 0.00	36.43 -2.12 0.00	46.84 -2.32 0.00	59.83 -3.30 0.00	21.71 -1.30 0.00	14.85 -0.71 0.00
DUNKIRK___1 23563	13.51 -1.06 0.00	6.08 -0.34 -1.17	7.74 -0.54 -0.60	4.16 -0.22 -0.91	3.42 -0.13 -1.74	12.49 -0.85 -0.02	17.15 -1.25 -0.05	22.20 -1.78 0.00	21.38 -1.81 -0.23	23.99 -1.94 0.00	22.14 -2.20 -0.38	23.16 -2.34 0.00	18.88 -1.67 -0.40	26.14 -1.96 0.00	22.02 -1.71 0.00	25.90 -1.59 0.00	28.13 -1.63 0.00	32.75 -2.04 0.00	44.23 -2.86 0.00	36.43 -2.12 0.00	46.84 -2.32 0.00	59.83 -3.30 0.00	21.71 -1.30 0.00	14.85 -0.71 0.00
DUNKIRK___2 23564	13.51 -1.06 0.00	6.08 -0.34 -1.17	7.74 -0.54 -0.60	4.16 -0.22 -0.91	3.42 -0.13 -1.74	12.49 -0.85 -0.02	17.15 -1.25 -0.05	22.20 -1.78 0.00	21.38 -1.81 -0.23	23.99 -1.94 0.00	22.14 -2.20 -0.38	23.16 -2.34 0.00	18.88 -1.67 -0.40	26.14 -1.96 0.00	22.02 -1.71 0.00	25.90 -1.59 0.00	28.13 -1.63 0.00	32.75 -2.04 0.00	44.23 -2.86 0.00	36.43 -2.12 0.00	46.84 -2.32 0.00	59.83 -3.30 0.00	21.71 -1.30 0.00	14.85 -0.71 0.00
DUNKIRK___3 23565	13.55 -1.02 0.00	6.08 -0.34 -1.16	7.75 -0.53 -0.60	4.16 -0.22 -0.90	3.41 -0.12 -1.72	12.50 -0.83 -0.02	17.14 -1.27 -0.05	22.21 -1.77 0.00	21.39 -1.80 -0.23	24.03 -1.90 0.00	22.18 -2.15 -0.38	23.22 -2.29 0.00	18.88 -1.67 -0.40	26.17 -1.93 0.00	22.01 -1.71 0.00	25.83 -1.65 0.00	28.02 -1.74 0.00	32.59 -2.19 0.00	44.09 -3.00 0.00	36.28 -2.26 0.00	46.64 -2.52 0.00	59.64 -3.49 0.00	21.66 -1.35 0.00	14.83 -0.72 0.00
DUNKIRK___4 23566	13.55 -1.02 0.00	6.08 -0.34 -1.16	7.75 -0.53 -0.60	4.16 -0.22 -0.90	3.41 -0.12 -1.72	12.50 -0.83 -0.02	17.14 -1.27 -0.05	22.21 -1.77 0.00	21.39 -1.80 -0.23	24.03 -1.90 0.00	22.18 -2.15 -0.38	23.22 -2.29 0.00	18.88 -1.67 -0.40	26.17 -1.93 0.00	22.01 -1.71 0.00	25.83 -1.65 0.00	28.02 -1.74 0.00	32.59 -2.19 0.00	44.09 -3.00 0.00	36.28 -2.26 0.00	46.64 -2.52 0.00	59.64 -3.49 0.00	21.66 -1.35 0.00	14.83 -0.72 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	15.57 0.99 0.00	12.36 0.40 -6.70	11.74 0.59 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.52 1.08 -0.13	20.12 1.47 -0.30	25.80 1.82 0.00	26.14 1.84 -1.34	28.01 2.08 0.00	28.13 2.00 -2.17	27.61 2.11 0.00	24.16 1.71 -2.30	30.51 2.40 0.00	25.76 2.03 0.00	29.72 2.24 0.00	32.08 2.33 0.00	37.48 2.70 0.00	50.63 3.54 0.00	41.46 2.91 0.00	52.72 3.56 0.00	67.22 4.09 0.00	24.51 1.51 0.00	16.75 1.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	15.44 0.86 0.00	12.16 0.35 -6.55	11.60 0.53 -3.39	8.82 0.25 -5.11	11.68 0.13 -9.75	14.39 0.95 -0.12	19.97 1.32 -0.29	25.62 1.64 0.00	25.91 1.64 -1.31	27.78 1.85 0.00	27.85 1.78 -2.12	27.38 1.88 0.00	23.90 1.51 -2.25	30.22 2.11 0.00	25.51 1.79 0.00	29.47 1.99 0.00	31.84 2.08 0.00	37.23 2.45 0.00	50.30 3.20 0.00	41.15 2.61 0.00	52.37 3.21 0.00	66.85 3.72 0.00	24.36 1.35 0.00	16.61 1.06 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	15.58 1.00 0.00	12.38 0.43 -6.70	11.77 0.62 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.11 -0.13	20.15 1.49 -0.30	25.81 1.83 0.00	26.17 1.88 -1.34	28.01 2.08 0.00	28.16 2.03 -2.17	27.66 2.16 0.00	24.17 1.73 -2.30	30.52 2.41 0.00	25.77 2.04 0.00	29.66 2.17 0.00	32.03 2.27 0.00	37.41 2.62 0.00	50.57 3.48 0.00	41.53 2.99 0.00	52.61 3.45 0.00	67.05 3.92 0.00	24.50 1.49 0.00	16.81 1.26 0.00
E179THST_13_KV_LOAD 356214	15.63 1.05 0.00	12.40 0.44 -6.70	11.79 0.65 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.16 -0.13	20.22 1.56 -0.30	25.93 1.94 0.00	26.27 1.98 -1.34	28.13 2.20 0.00	28.28 2.15 -2.17	27.79 2.28 0.00	24.27 1.83 -2.30	30.65 2.54 0.00	25.89 2.16 0.00	29.80 2.31 0.00	32.17 2.42 0.00	37.58 2.80 0.00	50.81 3.72 0.00	41.72 3.18 0.00	52.85 3.70 0.00	67.36 4.23 0.00	24.60 1.59 0.00	16.88 1.33 0.00
EAST HAMPTON___GT 23717	15.78 1.20 0.00	12.52 0.57 -6.69	11.98 0.83 -3.47	9.11 0.41 -5.22	11.99 0.21 -9.96	15.13 1.68 -0.13	21.15 2.49 -0.30	27.05 3.07 0.00	27.07 2.78 -1.34	29.06 3.13 0.00	29.04 2.91 -2.17	28.47 2.97 0.00	24.90 2.46 -2.30	31.59 3.48 0.00	26.62 2.89 0.00	30.32 2.84 0.00	32.56 2.79 0.00	38.59 3.80 0.00	52.85 5.76 0.00	43.43 4.88 0.00	55.13 5.97 0.00	69.57 6.44 0.00	25.58 2.57 0.00	17.45 1.90 0.00
EAST RIVER___6 23660	15.59 1.01 0.00	12.37 0.41 -6.70	11.75 0.61 -3.47	8.98 0.28 -5.23	11.92 0.15 -9.97	14.56 1.11 -0.13	20.15 1.49 -0.30	25.83 1.85 0.00	26.20 1.90 -1.34	28.09 2.16 0.00	28.21 2.08 -2.17	27.70 2.20 0.00	24.23 1.79 -2.30	30.61 2.51 0.00	25.84 2.12 0.00	29.80 2.32 0.00	32.16 2.40 0.00	37.56 2.77 0.00	50.71 3.62 0.00	41.51 2.97 0.00	52.73 3.57 0.00	67.18 4.05 0.00	24.52 1.51 0.00	16.79 1.23 0.00
EAST RIVER___7 23524	15.59 1.01 0.00	12.37 0.41 -6.70	11.75 0.61 -3.47	8.98 0.28 -5.23	11.92 0.15 -9.97	14.56 1.11 -0.13	20.15 1.49 -0.30	25.83 1.85 0.00	26.20 1.90 -1.34	28.09 2.16 0.00	28.21 2.08 -2.17	27.70 2.20 0.00	24.23 1.79 -2.30	30.61 2.51 0.00	25.84 2.12 0.00	29.80 2.32 0.00	32.16 2.40 0.00	37.56 2.77 0.00	50.71 3.62 0.00	41.51 2.97 0.00	52.73 3.57 0.00	67.18 4.05 0.00	24.52 1.51 0.00	16.79 1.23 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	15.54 0.96 0.00	12.33 0.39 -6.68	11.72 0.58 -3.46	8.95 0.27 -5.21	11.88 0.14 -9.93	14.50 1.05 -0.13	20.10 1.44 -0.30	25.77 1.79 0.00	26.09 1.80 -1.34	27.97 2.04 0.00	28.08 1.96 -2.16	27.57 2.06 0.00	24.11 1.68 -2.29	30.46 2.35 0.00	25.71 1.98 0.00	29.68 2.20 0.00	32.04 2.28 0.00	37.44 2.65 0.00	50.57 3.47 0.00	41.39 2.85 0.00	52.64 3.48 0.00	67.14 4.01 0.00	24.48 1.48 0.00	16.73 1.17 0.00
EAST_HAMPTON___DIESEL 23722	15.76 1.19 0.00	12.51 0.56 -6.69	11.97 0.83 -3.47	9.11 0.41 -5.22	11.98 0.21 -9.96	15.12 1.68 -0.13	21.15 2.49 -0.30	27.05 3.07 0.00	27.07 2.78 -1.34	29.06 3.13 0.00	29.04 2.91 -2.17	28.47 2.97 0.00	24.90 2.46 -2.30	31.59 3.48 0.00	26.62 2.89 0.00	30.30 2.81 0.00	32.51 2.74 0.00	38.57 3.78 0.00	52.85 5.76 0.00	43.43 4.88 0.00	55.13 5.97 0.00	69.57 6.44 0.00	25.58 2.57 0.00	17.45 1.90 0.00
EAST_PULASKI___ESR 323781	14.02 -0.56 0.00	5.67 -0.20 -0.61	7.71 -0.28 -0.31	2.92 -0.12 0.43	2.15 -0.07 -0.40	12.87 -0.46 -0.01	17.79 -0.60 -0.03	23.21 -0.78 0.00	22.29 -0.79 -0.12	25.05 -0.88 0.00	21.29 -0.82 1.84	22.97 -0.89 1.65	17.67 -0.77 1.71	26.94 -1.17 0.00	22.81 -0.92 0.00	26.49 -0.99 0.00	29.00 -0.76 0.00	34.16 -0.62 0.00	46.29 -0.80 0.00	37.89 -0.65 0.00	48.38 -0.77 0.00	62.30 -0.83 0.00	22.60 -0.40 0.00	15.15 -0.40 0.00
EAST_RIVER___1 323558	15.61 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.92 0.15 -9.97	14.57 1.13 -0.13	20.16 1.50 -0.30	25.85 1.87 0.00	26.20 1.91 -1.34	28.09 2.16 0.00	28.20 2.08 -2.17	27.70 2.20 0.00	24.23 1.79 -2.30	30.61 2.50 0.00	25.84 2.11 0.00	29.80 2.32 0.00	32.15 2.39 0.00	37.55 2.77 0.00	50.72 3.62 0.00	41.52 2.98 0.00	52.75 3.59 0.00	67.23 4.10 0.00	24.54 1.53 0.00	16.80 1.24 0.00
EAST_RIVER___2 323559	15.59 1.01 0.00	12.37 0.41 -6.70	11.75 0.61 -3.47	8.98 0.28 -5.23	11.92 0.15 -9.97	14.56 1.11 -0.13	20.15 1.49 -0.30	25.83 1.85 0.00	26.20 1.90 -1.34	28.09 2.16 0.00	28.21 2.08 -2.17	27.70 2.20 0.00	24.23 1.79 -2.30	30.61 2.51 0.00	25.84 2.12 0.00	29.80 2.32 0.00	32.16 2.40 0.00	37.56 2.77 0.00	50.71 3.62 0.00	41.51 2.97 0.00	52.73 3.57 0.00	67.18 4.05 0.00	24.52 1.51 0.00	16.79 1.23 0.00
EAST___DELAWARE_HYD 23607	15.25 0.67 0.00	11.62 0.28 -6.08	11.25 0.42 -3.15	8.40 0.20 -4.74	10.95 0.10 -9.04	14.20 0.77 -0.12	19.75 1.12 -0.27	25.40 1.42 0.00	25.60 1.43 -1.22	27.57 1.64 0.00	27.52 1.59 -1.97	27.05 1.54 0.00	23.02 0.79 -2.08	29.20 1.10 0.00	24.64 0.91 0.00	28.45 0.97 0.00	30.74 0.98 0.00	35.98 1.20 0.00	48.63 1.54 0.00	39.91 1.36 0.00	51.91 2.75 0.00	66.25 3.12 0.00	24.12 1.10 0.00	16.45 0.89 0.00
EIGHT_POINT___WT_PWR 323820	13.58 -1.00 0.00	6.74 -0.13 -1.61	8.17 -0.34 -0.84	4.60 -0.13 -1.26	4.16 -0.05 -2.40	12.49 -0.86 -0.03	17.41 -1.02 -0.07	22.75 -1.23 0.00	21.99 -1.28 -0.32	24.45 -1.48 0.00	23.25 -1.23 -0.52	24.02 -1.49 0.00	19.42 -1.29 -0.55	26.31 -1.80 0.00	22.26 -1.47 0.00	26.02 -1.46 0.00	28.27 -1.49 0.00	33.15 -1.64 0.00	45.21 -1.88 0.00	37.33 -1.22 0.00	47.63 -1.53 0.00	60.74 -2.39 0.00	22.08 -0.93 0.00	15.19 -0.37 0.00
ELBRIDGE_115KV_TB2 80188	14.29 -0.29 0.00	6.04 -0.08 -0.87	7.99 -0.13 -0.45	4.09 -0.06 -0.68	3.07 -0.03 -1.29	13.13 -0.20 -0.02	18.12 -0.28 -0.04	23.61 -0.37 0.00	22.75 -0.38 -0.17	25.53 -0.40 0.00	23.82 -0.41 -0.28	25.04 -0.47 0.00	20.06 -0.38 -0.30	27.56 -0.55 0.00	23.24 -0.48 0.00	26.96 -0.52 0.00	29.25 -0.51 0.00	34.19 -0.59 0.00	46.29 -0.80 0.00	37.95 -0.60 0.00	48.43 -0.73 0.00	62.31 -0.82 0.00	22.65 -0.36 0.00	15.37 -0.19 0.00
ELEC_TRO_TEK 24086	15.67 1.09 0.00	12.41 0.45 -6.69	11.81 0.66 -3.47	9.00 0.31 -5.22	11.93 0.16 -9.96	14.64 1.20 -0.13	20.35 1.69 -0.30	26.07 2.09 0.00	26.32 2.02 -1.34	28.25 2.32 0.00	28.37 2.25 -2.17	27.88 2.37 0.00	24.41 1.97 -2.30	30.85 2.74 0.00	26.07 2.34 0.00	30.08 2.59 0.00	32.46 2.70 0.00	37.82 3.04 0.00	51.16 4.07 0.00	41.99 3.45 0.00	53.37 4.21 0.00	67.75 4.63 0.00	24.81 1.80 0.00	16.95 1.39 0.00
ELLENBURG_WT_PWR 323604	14.30 -0.27 0.00	5.14 -0.12 0.00	7.48 -0.20 0.00	-11.25 -0.16 14.56	-6.28 -0.08 8.01	12.51 -0.81 0.00	17.51 -0.85 0.00	17.41 -1.11 5.46	-7.15 -1.22 28.88	-18.76 -1.44 43.25	-21.11 -1.30 43.77	-21.02 -1.25 45.28	-21.56 -1.06 40.65	-21.43 -1.53 48.01	-23.12 -1.26 45.60	-22.06 -1.47 48.07	-22.72 -1.60 50.88	-23.78 -1.81 56.76	-23.78 -2.36 68.51	-21.47 -1.93 58.08	-21.29 -2.46 67.99	-13.80 -2.94 73.98	-22.01 -0.94 44.09	-22.21 -0.84 36.93

ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.48 -1.10 0.00	5.98 -0.38 -1.11	7.67 -0.58 -0.57	4.09 -0.24 -0.86	3.33 -0.13 -1.64	12.40 -0.93 -0.02	16.96 -1.45 -0.05	21.99 -1.99 0.00	21.20 -1.97 -0.22	23.86 -2.06 0.00	21.95 -2.36 -0.36	22.98 -2.53 0.00	18.58 -1.95 -0.38	25.82 -2.29 0.00	21.72 -2.01 0.00	25.43 -2.06 0.00	27.58 -2.19 0.00	32.02 -2.76 0.00	43.57 -3.52 0.00	35.80 -2.75 0.00	45.97 -3.19 0.00	58.84 -4.29 0.00	21.42 -1.59 0.00	14.70 -0.85 0.00
EMPIRE_CC_1 323656	15.14 0.56 0.00	13.46 0.24 -7.96	12.15 0.36 -4.12	9.84 0.17 -6.21	13.74 0.09 -11.84	14.07 0.60 -0.15	19.46 0.75 -0.36	24.80 0.82 0.00	25.38 0.83 -1.60	26.75 0.82 0.00	27.38 0.84 -2.58	26.40 0.90 0.00	23.62 0.75 -2.73	29.15 1.04 0.00	24.58 0.85 0.00	28.40 0.91 0.00	30.61 0.85 0.00	35.82 1.04 0.00	48.43 1.33 0.00	39.59 1.05 0.00	50.56 1.40 0.00	64.79 1.66 0.00	23.70 0.69 0.00	16.13 0.57 0.00
EMPIRE_CC_2 323658	15.14 0.56 0.00	13.46 0.24 -7.96	12.15 0.36 -4.12	9.84 0.17 -6.21	13.74 0.09 -11.84	14.07 0.60 -0.15	19.46 0.75 -0.36	24.80 0.82 0.00	25.38 0.83 -1.60	26.75 0.82 0.00	27.38 0.84 -2.58	26.40 0.90 0.00	23.62 0.75 -2.73	29.15 1.04 0.00	24.58 0.85 0.00	28.40 0.91 0.00	30.61 0.85 0.00	35.82 1.04 0.00	48.43 1.33 0.00	39.59 1.05 0.00	50.56 1.40 0.00	64.79 1.66 0.00	23.70 0.69 0.00	16.13 0.57 0.00
ENORWICH_115KV_TB1 80156	15.03 0.46 0.00	7.71 0.22 -2.23	9.06 0.22 -1.16	5.33 0.12 -1.74	5.21 0.08 -3.33	13.80 0.45 -0.04	19.18 0.73 -0.10	24.99 1.01 0.00	24.12 0.72 -0.45	26.87 0.94 0.00	25.64 0.96 -0.72	26.48 0.97 0.00	21.66 0.74 -0.77	29.25 1.14 0.00	24.64 0.92 0.00	28.48 1.00 0.00	30.98 1.22 0.00	36.41 1.63 0.00	49.22 2.12 0.00	40.64 2.10 0.00	52.72 3.56 0.00	67.34 4.21 0.00	24.22 1.21 0.00	16.46 0.91 0.00
ERIE_ST__34_KV_TB1-2 80199	14.19 -0.39 0.00	6.30 -0.13 -1.17	8.06 -0.23 -0.61	4.30 -0.08 -0.91	3.50 -0.05 -1.74	13.04 -0.30 -0.02	17.83 -0.58 -0.05	23.17 -0.81 0.00	22.34 -0.84 -0.23	25.17 -0.76 0.00	23.21 -1.13 -0.38	24.39 -1.11 0.00	19.64 -0.91 -0.40	26.92 -1.19 0.00	22.46 -1.27 0.00	26.26 -1.22 0.00	28.46 -1.30 0.00	33.01 -1.77 0.00	44.88 -2.21 0.00	36.90 -1.64 0.00	47.38 -1.78 0.00	60.65 -2.48 0.00	22.06 -0.95 0.00	15.14 -0.42 0.00
ERIE_WT_PWR 323693	13.55 -1.02 0.00	6.03 -0.36 -1.13	7.71 -0.55 -0.59	4.12 -0.22 -0.88	3.37 -0.12 -1.68	12.47 -0.87 -0.02	17.05 -1.35 -0.05	22.12 -1.86 0.00	21.33 -1.85 -0.23	24.03 -1.90 0.00	22.11 -2.22 -0.36	23.13 -2.37 0.00	18.72 -1.81 -0.39	26.04 -2.06 0.00	21.88 -1.85 0.00	25.63 -1.85 0.00	27.82 -1.95 0.00	32.28 -2.51 0.00	43.90 -3.19 0.00	36.09 -2.46 0.00	46.33 -2.83 0.00	59.29 -3.84 0.00	21.58 -1.43 0.00	14.81 -0.75 0.00
ESPRGFLD_115KV_TB1 80157	15.02 0.44 0.00	5.56 0.14 -0.16	7.96 0.20 -0.08	3.68 0.09 -0.13	2.10 0.05 -0.24	13.69 0.37 0.00	18.91 0.55 -0.01	24.79 0.80 0.00	23.73 0.75 -0.03	26.81 0.88 0.00	24.79 0.78 -0.05	26.34 0.84 0.00	20.83 0.63 -0.06	29.07 0.96 0.00	24.54 0.81 0.00	28.48 0.99 0.00	31.02 1.26 0.00	36.26 1.48 0.00	49.07 1.98 0.00	40.19 1.65 0.00	51.27 2.12 0.00	65.78 2.65 0.00	23.97 0.96 0.00	16.19 0.63 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.62 0.05 0.00	6.99 0.05 -1.69	8.59 0.04 -0.87	4.81 0.03 -1.32	4.33 0.01 -2.51	13.46 0.12 -0.03	18.62 0.19 -0.08	24.26 0.27 0.00	23.48 0.19 -0.34	26.19 0.26 0.00	24.73 0.22 -0.55	25.71 0.21 0.00	20.90 0.17 -0.58	28.39 0.28 0.00	23.93 0.20 0.00	27.72 0.24 0.00	30.12 0.36 0.00	35.24 0.46 0.00	47.69 0.60 0.00	39.15 0.61 0.00	50.07 0.91 0.00	64.19 1.07 0.00	23.30 0.29 0.00	15.80 0.25 0.00
ETNA____115KV_TB2 80207	14.62 0.05 0.00	6.99 0.05 -1.69	8.59 0.04 -0.87	4.81 0.03 -1.32	4.33 0.01 -2.51	13.46 0.12 -0.03	18.62 0.19 -0.08	24.26 0.27 0.00	23.48 0.19 -0.34	26.19 0.26 0.00	24.73 0.22 -0.55	25.71 0.21 0.00	20.90 0.17 -0.58	28.39 0.28 0.00	23.93 0.20 0.00	27.72 0.24 0.00	30.12 0.36 0.00	35.24 0.46 0.00	47.69 0.60 0.00	39.15 0.61 0.00	50.07 0.91 0.00	64.19 1.07 0.00	23.30 0.29 0.00	15.80 0.25 0.00
EUCLID__115KV_TB2 356179	14.18 -0.39 0.00	5.84 -0.12 -0.71	7.85 -0.19 -0.37	3.94 -0.08 -0.55	2.82 -0.04 -1.06	13.04 -0.29 -0.01	17.98 -0.40 -0.03	23.45 -0.54 0.00	22.57 -0.53 -0.14	25.38 -0.55 0.00	23.62 -0.56 -0.23	24.88 -0.62 0.00	19.87 -0.52 -0.24	27.36 -0.75 0.00	23.08 -0.64 0.00	26.78 -0.70 0.00	29.04 -0.72 0.00	33.95 -0.84 0.00	45.98 -1.11 0.00	37.67 -0.87 0.00	48.11 -1.05 0.00	61.95 -1.18 0.00	22.52 -0.49 0.00	15.27 -0.28 0.00
E_CANADA_CAP_HY 24051	15.17 0.59 0.00	15.26 0.17 -9.83	13.03 0.26 -5.09	11.25 0.11 -7.67	16.49 0.06 -14.63	13.98 0.48 -0.19	19.48 0.69 -0.44	24.96 0.98 0.00	25.86 0.94 -1.97	26.98 1.05 0.00	28.00 0.87 -3.18	26.49 0.99 0.00	24.26 0.74 -3.37	29.23 1.12 0.00	24.70 0.98 0.00	28.71 1.23 0.00	31.31 1.55 0.00	36.56 1.77 0.00	49.46 2.36 0.00	40.46 1.92 0.00	51.54 2.38 0.00	66.12 2.99 0.00	24.10 1.09 0.00	16.20 0.65 0.00
E_CANADA_MHWK_HY 24050	14.85 0.27 0.00	5.42 0.17 0.00	7.90 0.23 0.00	4.30 0.10 -0.74	2.27 0.05 -0.40	13.67 0.35 0.00	18.86 0.50 0.00	24.56 0.58 0.00	23.50 0.55 0.00	26.49 0.56 0.00	26.22 0.60 -1.66	27.58 0.73 -1.34	22.22 0.52 -1.55	28.92 0.81 0.00	24.36 0.63 0.00	28.18 0.70 0.00	30.32 0.56 0.00	35.27 0.49 0.00	47.43 0.33 0.00	38.93 0.39 0.00	49.73 0.57 0.00	63.62 0.49 0.00	23.14 0.13 0.00	15.81 0.25 0.00
E_FISHKILL__LBMP 23776	15.43 0.85 0.00	12.51 0.35 -6.90	11.77 0.52 -3.58	9.09 0.24 -5.38	12.20 0.12 -10.27	14.38 0.93 -0.13	19.94 1.27 -0.31	25.54 1.56 0.00	25.92 1.58 -1.39	27.69 1.76 0.00	27.90 1.71 -2.24	27.31 1.80 0.00	23.98 1.47 -2.37	30.16 2.05 0.00	25.46 1.73 0.00	29.39 1.90 0.00	31.72 1.96 0.00	37.08 2.30 0.00	50.11 3.02 0.00	41.01 2.47 0.00	52.15 2.99 0.00	66.59 3.46 0.00	24.27 1.26 0.00	16.58 1.03 0.00
FALCON__SEABRD_CC1 323796	14.46 -0.11 0.00	5.20 -0.05 0.00	7.58 -0.10 0.00	-11.17 -0.12 14.52	-6.24 -0.06 7.99	12.61 -0.70 0.00	17.63 -0.73 0.00	17.54 -0.93 5.51	-7.31 -1.12 29.15	-18.94 -1.22 43.65	-20.93 -1.10 43.79	-20.95 -1.07 45.39	-21.39 -0.87 40.68	-21.58 -1.24 48.45	-23.32 -1.04 46.01	-22.27 -1.24 48.51	-22.91 -1.32 51.35	-23.97 -1.47 57.28	-23.97 -1.92 69.14	-21.61 -1.53 58.61	-21.46 -2.01 68.62	-13.84 -2.31 74.66	-22.22 -0.74 44.49	-22.36 -0.65 37.26
FALCON__SEABRD_CC2 323797	14.46 -0.11 0.00	5.20 -0.05 0.00	7.58 -0.10 0.00	-11.17 -0.12 14.52	-6.24 -0.06 7.99	12.61 -0.70 0.00	17.63 -0.73 0.00	17.54 -0.93 5.51	-7.31 -1.12 29.15	-18.94 -1.22 43.65	-20.93 -1.10 43.79	-20.95 -1.07 45.39	-21.39 -0.87 40.68	-21.58 -1.24 48.45	-23.32 -1.04 46.01	-22.27 -1.24 48.51	-22.91 -1.32 51.35	-23.97 -1.47 57.28	-23.97 -1.92 69.14	-21.61 -1.53 58.61	-21.46 -2.01 68.62	-13.84 -2.31 74.66	-22.22 -0.74 44.49	-22.36 -0.65 37.26

FAR ROCKAWAY___4 23548	15.82 1.25 0.00	12.47 0.51 -6.69	11.89 0.74 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.79 1.34 -0.13	20.56 1.91 -0.30	26.33 2.35 0.00	26.57 2.28 -1.34	28.54 2.61 0.00	28.69 2.56 -2.17	28.21 2.70 0.00	24.68 2.24 -2.30	31.22 3.11 0.00	26.39 2.66 0.00	30.44 2.96 0.00	32.87 3.10 0.00	38.07 3.28 0.00	51.58 4.49 0.00	42.54 4.00 0.00	54.04 4.88 0.00	68.58 5.45 0.00	25.10 2.09 0.00	17.14 1.59 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	15.62 1.04 0.00	12.38 0.43 -6.70	11.77 0.63 -3.47	8.99 0.29 -5.23	11.92 0.15 -9.97	14.58 1.14 -0.13	20.18 1.52 -0.30	25.87 1.89 0.00	26.22 1.93 -1.34	28.11 2.18 0.00	28.22 2.09 -2.17	27.72 2.22 0.00	24.24 1.80 -2.30	30.63 2.52 0.00	25.85 2.13 0.00	29.82 2.34 0.00	32.16 2.40 0.00	37.57 2.79 0.00	50.74 3.64 0.00	41.56 3.01 0.00	52.80 3.64 0.00	67.29 4.16 0.00	24.55 1.54 0.00	16.81 1.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	15.63 1.05 0.00	12.39 0.43 -6.70	11.78 0.63 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.59 1.15 -0.13	20.19 1.53 -0.30	25.88 1.90 0.00	26.23 1.94 -1.34	28.12 2.19 0.00	28.23 2.10 -2.17	27.73 2.23 0.00	24.25 1.81 -2.30	30.64 2.53 0.00	25.86 2.14 0.00	29.83 2.34 0.00	32.18 2.42 0.00	37.59 2.81 0.00	50.76 3.67 0.00	41.58 3.03 0.00	52.83 3.67 0.00	67.33 4.20 0.00	24.57 1.56 0.00	16.82 1.27 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	15.61 1.04 0.00	12.38 0.43 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.92 0.15 -9.97	14.58 1.14 -0.13	20.17 1.52 -0.30	25.86 1.87 0.00	26.21 1.91 -1.34	28.10 2.17 0.00	28.21 2.08 -2.17	27.71 2.21 0.00	24.24 1.79 -2.30	30.62 2.51 0.00	25.84 2.12 0.00	29.80 2.32 0.00	32.16 2.40 0.00	37.56 2.77 0.00	50.71 3.62 0.00	41.53 2.98 0.00	52.77 3.61 0.00	67.25 4.12 0.00	24.54 1.53 0.00	16.80 1.25 0.00
FARRAGUT___LBMP 323566	15.60 1.03 0.00	12.38 0.42 -6.70	11.76 0.62 -3.47	8.99 0.29 -5.23	11.92 0.15 -9.97	14.57 1.13 -0.13	20.16 1.50 -0.30	25.83 1.85 0.00	26.19 1.90 -1.34	28.07 2.14 0.00	28.18 2.06 -2.17	27.69 2.18 0.00	24.22 1.77 -2.30	30.59 2.48 0.00	25.82 2.09 0.00	29.77 2.29 0.00	32.12 2.36 0.00	37.52 2.74 0.00	50.67 3.57 0.00	41.50 2.95 0.00	52.73 3.57 0.00	67.20 4.07 0.00	24.52 1.51 0.00	16.79 1.24 0.00
FENNER___WINDPWR 24204	14.73 0.15 0.00	5.68 0.06 -0.36	7.95 0.09 -0.19	3.79 0.04 -0.28	2.37 0.02 -0.54	13.52 0.20 -0.01	18.73 0.35 -0.02	24.44 0.46 0.00	23.44 0.42 -0.07	26.38 0.45 0.00	24.49 0.42 -0.12	25.96 0.45 0.00	20.54 0.27 -0.12	28.41 0.30 0.00	24.01 0.28 0.00	27.77 0.29 0.00	30.25 0.49 0.00	35.37 0.59 0.00	47.82 0.72 0.00	39.18 0.63 0.00	50.03 0.87 0.00	64.20 1.07 0.00	23.32 0.31 0.00	15.75 0.20 0.00
FIBERTEK___ENERGY 23856	14.35 -0.22 0.00	6.02 -0.06 -0.83	8.00 -0.10 -0.43	4.07 -0.04 -0.65	3.02 -0.02 -1.23	13.20 -0.14 -0.02	18.21 -0.19 -0.04	23.75 -0.23 0.00	22.87 -0.25 -0.17	25.68 -0.24 0.00	23.95 -0.27 -0.27	25.19 -0.32 0.00	20.16 -0.27 -0.28	27.72 -0.39 0.00	23.37 -0.35 0.00	27.12 -0.37 0.00	29.43 -0.33 0.00	34.41 -0.38 0.00	46.60 -0.49 0.00	38.18 -0.36 0.00	48.74 -0.42 0.00	62.71 -0.42 0.00	22.80 -0.21 0.00	15.45 -0.10 0.00
FITZPATRICK___ 23598	14.05 -0.53 0.00	5.61 -0.17 -0.53	7.69 -0.26 -0.27	3.77 -0.11 -0.41	2.54 -0.06 -0.79	12.89 -0.43 -0.01	17.77 -0.61 -0.02	23.18 -0.80 0.00	22.28 -0.78 -0.11	25.08 -0.85 0.00	23.30 -0.83 -0.17	24.60 -0.90 0.00	19.58 -0.75 -0.18	27.03 -1.09 0.00	22.79 -0.93 0.00	26.45 -1.04 0.00	28.67 -1.10 0.00	33.50 -1.28 0.00	45.36 -1.73 0.00	37.15 -1.39 0.00	47.44 -1.72 0.00	61.16 -1.97 0.00	22.26 -0.75 0.00	15.08 -0.47 0.00
FLOWRFLD_69_KV_BK1 356044	15.77 1.20 0.00	12.46 0.51 -6.69	11.89 0.74 -3.47	9.04 0.35 -5.22	11.94 0.17 -9.96	14.79 1.34 -0.13	20.61 1.96 -0.30	26.39 2.41 0.00	26.52 2.22 -1.34	28.48 2.55 0.00	28.54 2.42 -2.17	28.02 2.52 0.00	24.54 2.10 -2.30	31.04 2.93 0.00	26.22 2.49 0.00	30.25 2.76 0.00	32.67 2.91 0.00	38.07 3.29 0.00	51.65 4.55 0.00	42.48 3.93 0.00	53.94 4.78 0.00	68.22 5.09 0.00	25.08 2.07 0.00	17.12 1.57 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	15.58 1.00 0.00	12.44 0.40 -6.78	11.78 0.59 -3.51	9.03 0.27 -5.29	12.04 0.14 -10.09	14.52 1.07 -0.13	20.15 1.49 -0.30	25.84 1.85 0.00	26.18 1.87 -1.36	28.03 2.10 0.00	28.18 2.02 -2.20	27.64 2.14 0.00	24.20 1.73 -2.32	30.53 2.42 0.00	25.76 2.03 0.00	29.76 2.27 0.00	32.15 2.39 0.00	37.59 2.81 0.00	50.79 3.70 0.00	41.55 3.01 0.00	52.85 3.69 0.00	67.44 4.31 0.00	24.56 1.55 0.00	16.76 1.20 0.00
FORT ORANGE___ 23900	15.12 0.55 0.00	13.69 0.25 -8.19	12.28 0.36 -4.24	10.02 0.17 -6.38	14.08 0.09 -12.18	14.07 0.60 -0.16	19.45 0.72 -0.37	24.74 0.76 0.00	25.38 0.78 -1.64	26.75 0.82 0.00	27.43 0.82 -2.65	26.39 0.88 0.00	23.67 0.72 -2.81	29.12 1.01 0.00	24.59 0.86 0.00	28.43 0.95 0.00	30.88 1.12 0.00	36.17 1.39 0.00	48.90 1.81 0.00	39.98 1.44 0.00	50.95 1.79 0.00	65.24 2.11 0.00	23.76 0.75 0.00	16.15 0.60 0.00
FORT_DRUM_COGEN 23780	13.87 -0.71 0.00	5.36 -0.29 -0.40	7.51 -0.37 -0.21	0.71 -0.16 2.60	0.70 -0.10 1.00	12.64 -0.69 -0.01	17.58 -0.79 -0.02	23.19 -1.02 -0.23	23.18 -1.08 -1.31	26.51 -1.27 -1.85	16.87 -1.12 5.96	19.88 -1.12 4.50	13.54 -1.02 5.59	28.53 -1.63 -2.05	24.64 -1.04 -1.95	28.35 -1.18 -2.05	31.66 -0.27 -2.17	37.77 0.57 -2.42	51.01 0.91 -3.00	41.75 0.70 -2.50	53.03 0.94 -2.93	67.53 1.21 -3.19	25.11 0.21 -1.90	16.68 -0.46 -1.59
FOX_HILLS___ESR 323835	15.66 1.09 0.00	12.40 0.44 -6.70	11.79 0.65 -3.47	9.00 0.30 -5.23	11.93 0.16 -9.97	14.61 1.17 -0.13	20.25 1.60 -0.30	25.94 1.96 0.00	26.28 1.99 -1.34	28.16 2.23 0.00	28.27 2.14 -2.17	27.78 2.28 0.00	24.27 1.82 -2.30	30.68 2.58 0.00	25.88 2.15 0.00	29.76 2.27 0.00	32.13 2.37 0.00	37.63 2.85 0.00	50.89 3.80 0.00	41.74 3.20 0.00	53.07 3.91 0.00	67.58 4.45 0.00	24.69 1.69 0.00	16.92 1.37 0.00
FPL_FAR_ROCK_GT1 24212	15.82 1.24 0.00	12.47 0.51 -6.69	11.89 0.74 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.79 1.34 -0.13	20.56 1.91 -0.30	26.33 2.35 0.00	26.57 2.28 -1.34	28.54 2.61 0.00	28.69 2.56 -2.17	28.21 2.71 0.00	24.69 2.25 -2.30	31.22 3.11 0.00	26.39 2.66 0.00	30.44 2.96 0.00	32.87 3.11 0.00	38.07 3.29 0.00	51.58 4.49 0.00	42.54 4.00 0.00	54.04 4.89 0.00	68.58 5.45 0.00	25.10 2.09 0.00	17.15 1.59 0.00
FPL_FAR_ROCK_GT2 23815	15.82 1.24 0.00	12.47 0.51 -6.69	11.89 0.74 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.79 1.34 -0.13	20.56 1.91 -0.30	26.33 2.35 0.00	26.57 2.28 -1.34	28.54 2.61 0.00	28.69 2.56 -2.17	28.21 2.71 0.00	24.69 2.25 -2.30	31.22 3.11 0.00	26.39 2.66 0.00	30.44 2.96 0.00	32.87 3.11 0.00	38.07 3.29 0.00	51.58 4.49 0.00	42.54 4.00 0.00	54.04 4.89 0.00	68.58 5.45 0.00	25.10 2.09 0.00	17.15 1.59 0.00

FRANKLIN_FALL_HYD 24054	14.43 -0.14 0.00	5.17 -0.09 0.00	7.53 -0.15 0.00	-10.28 -0.12 13.63	-5.74 -0.06 7.50	12.71 -0.61 0.00	17.76 -0.60 0.00	27.03 -0.73 -3.78	42.10 -0.83 -19.98	54.86 -1.00 -29.93	-0.04 -0.87 23.12	12.87 -0.79 11.85	-2.44 -0.66 21.93	60.37 -0.95 -33.22	54.52 -0.75 -31.55	59.84 -0.91 -33.26	64.05 -0.92 -35.21	73.11 -0.95 -39.27	93.39 -1.16 -47.46	77.77 -0.98 -40.20	94.98 -1.25 -47.07	112.94 -1.41 -51.22	53.20 -0.33 -30.52	40.65 -0.47 -25.56
FREEPORT_EQUS_GT1 23764	15.73 1.15 0.00	12.43 0.48 -6.69	11.84 0.70 -3.47	9.02 0.32 -5.22	11.93 0.16 -9.96	14.70 1.26 -0.13	20.46 1.80 -0.30	26.21 2.23 0.00	26.43 2.13 -1.34	28.38 2.45 0.00	28.51 2.39 -2.17	28.01 2.51 0.00	24.53 2.08 -2.30	31.01 2.90 0.00	26.20 2.48 0.00	30.24 2.75 0.00	32.66 2.89 0.00	38.01 3.23 0.00	51.46 4.37 0.00	42.26 3.72 0.00	53.74 4.58 0.00	68.11 4.98 0.00	24.96 1.95 0.00	17.05 1.49 0.00
FREEPORT___CT2 23818	15.73 1.15 0.00	12.43 0.48 -6.69	11.84 0.70 -3.47	9.02 0.32 -5.22	11.93 0.16 -9.96	14.70 1.26 -0.13	20.46 1.80 -0.30	26.21 2.23 0.00	26.43 2.13 -1.34	28.38 2.45 0.00	28.51 2.39 -2.17	28.01 2.51 0.00	24.53 2.08 -2.30	31.01 2.90 0.00	26.20 2.48 0.00	30.24 2.75 0.00	32.66 2.89 0.00	38.01 3.23 0.00	51.46 4.37 0.00	42.26 3.72 0.00	53.74 4.58 0.00	68.11 4.98 0.00	24.96 1.95 0.00	17.05 1.49 0.00
FRESHKLS_33_KV_LOAD 356253	15.64 1.06 0.00	12.39 0.43 -6.70	11.78 0.63 -3.47	8.99 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.24 1.58 -0.30	25.92 1.93 0.00	26.25 1.95 -1.34	28.11 2.18 0.00	28.22 2.09 -2.17	27.72 2.22 0.00	24.22 1.78 -2.30	30.62 2.51 0.00	25.83 2.11 0.00	29.69 2.21 0.00	32.07 2.31 0.00	37.62 2.83 0.00	50.87 3.78 0.00	41.73 3.18 0.00	53.02 3.86 0.00	67.53 4.40 0.00	24.69 1.68 0.00	16.92 1.37 0.00
FULTON COGEN____ 23766	14.13 -0.44 0.00	5.78 -0.14 -0.67	7.81 -0.21 -0.35	3.90 -0.09 -0.52	2.76 -0.05 -0.99	13.00 -0.33 -0.01	17.93 -0.45 -0.03	23.39 -0.59 0.00	22.50 -0.59 -0.13	25.31 -0.62 0.00	23.56 -0.62 -0.22	24.81 -0.70 0.00	19.78 -0.60 -0.23	27.24 -0.87 0.00	22.97 -0.75 0.00	26.68 -0.80 0.00	28.97 -0.80 0.00	33.90 -0.88 0.00	45.90 -1.19 0.00	37.59 -0.96 0.00	47.97 -1.18 0.00	62.00 -1.13 0.00	22.53 -0.48 0.00	15.24 -0.31 0.00
FULTON___LFGE 323630	15.84 1.26 0.00	15.08 0.44 -9.39	13.17 0.63 -4.86	11.07 0.28 -7.32	15.93 0.15 -13.97	14.70 1.20 -0.18	20.56 1.78 -0.42	26.34 2.36 0.00	27.19 2.35 -1.88	28.26 2.33 0.00	28.79 1.79 -3.04	27.75 2.24 0.00	25.14 1.77 -3.22	30.70 2.59 0.00	26.07 2.35 0.00	30.33 2.85 0.00	32.99 3.23 0.00	38.65 3.86 0.00	52.33 5.23 0.00	42.82 4.27 0.00	54.45 5.29 0.00	69.48 6.36 0.00	25.20 2.19 0.00	16.94 1.38 0.00
G.F.CEMENT___DRP 24184	15.32 0.75 0.00	14.09 0.31 -8.52	12.53 0.44 -4.42	10.31 0.20 -6.65	14.60 0.10 -12.68	14.30 0.82 -0.16	19.97 1.23 -0.38	25.56 1.58 0.00	26.15 1.49 -1.71	27.54 1.61 0.00	28.29 1.57 -2.76	27.21 1.71 0.00	24.48 1.41 -2.92	30.20 2.09 0.00	25.43 1.70 0.00	29.45 1.96 0.00	31.75 1.99 0.00	37.15 2.37 0.00	50.36 3.26 0.00	41.23 2.69 0.00	52.17 3.01 0.00	66.70 3.57 0.00	24.22 1.21 0.00	16.37 0.82 0.00
GARDENVILLE___LBMP 24039	13.51 -1.06 0.00	6.00 -0.37 -1.12	7.69 -0.56 -0.58	4.11 -0.23 -0.87	3.35 -0.13 -1.66	12.44 -0.90 -0.02	17.01 -1.40 -0.05	22.06 -1.92 0.00	21.26 -1.92 -0.22	23.93 -2.00 0.00	22.02 -2.30 -0.36	23.05 -2.45 0.00	18.65 -1.88 -0.38	25.93 -2.18 0.00	21.80 -1.93 0.00	25.53 -1.96 0.00	27.69 -2.07 0.00	32.16 -2.63 0.00	43.73 -3.36 0.00	35.94 -2.61 0.00	46.17 -2.99 0.00	59.07 -4.06 0.00	21.49 -1.52 0.00	14.75 -0.81 0.00
GARDNVLA_35_KV_LD 355827	13.55 -1.03 0.00	6.03 -0.36 -1.13	7.72 -0.55 -0.59	4.13 -0.23 -0.88	3.37 -0.12 -1.69	12.46 -0.88 -0.02	17.05 -1.36 -0.05	22.13 -1.85 0.00	21.33 -1.85 -0.23	24.03 -1.90 0.00	22.10 -2.22 -0.37	23.13 -2.37 0.00	18.71 -1.83 -0.39	26.02 -2.09 0.00	21.88 -1.85 0.00	25.62 -1.87 0.00	27.79 -1.97 0.00	32.29 -2.50 0.00	43.93 -3.16 0.00	36.11 -2.43 0.00	46.36 -2.79 0.00	59.33 -3.79 0.00	21.58 -1.43 0.00	14.80 -0.76 0.00
GELCKHM___115KV_LOAD 80723	14.25 -0.33 0.00	5.91 -0.10 -0.75	7.91 -0.15 -0.39	3.99 -0.06 -0.59	2.90 -0.03 -1.12	13.10 -0.23 -0.01	18.07 -0.32 -0.03	23.56 -0.42 0.00	22.68 -0.42 -0.15	25.49 -0.44 0.00	23.75 -0.45 -0.24	25.00 -0.50 0.00	19.99 -0.42 -0.26	27.50 -0.61 0.00	23.19 -0.53 0.00	26.91 -0.57 0.00	29.19 -0.57 0.00	34.12 -0.66 0.00	46.21 -0.88 0.00	37.87 -0.68 0.00	48.35 -0.81 0.00	62.23 -0.90 0.00	22.63 -0.38 0.00	15.34 -0.21 0.00
GENERAL___MILLS 23808	13.55 -1.03 0.00	6.03 -0.36 -1.13	7.72 -0.54 -0.59	4.12 -0.23 -0.88	3.37 -0.12 -1.68	12.47 -0.87 -0.02	17.05 -1.36 -0.05	22.12 -1.86 0.00	21.33 -1.85 -0.23	24.01 -1.92 0.00	22.10 -2.23 -0.36	23.13 -2.37 0.00	18.70 -1.83 -0.39	26.01 -2.10 0.00	21.87 -1.86 0.00	25.60 -1.89 0.00	27.76 -2.00 0.00	32.24 -2.54 0.00	43.88 -3.21 0.00	36.05 -2.49 0.00	46.32 -2.84 0.00	59.26 -3.87 0.00	21.56 -1.45 0.00	14.79 -0.76 0.00
GE_PLASTICS___DRP 24183	15.06 0.49 0.00	13.67 0.22 -8.19	12.24 0.32 -4.25	10.01 0.15 -6.39	14.08 0.08 -12.19	14.02 0.54 -0.16	19.42 0.70 -0.37	24.79 0.81 0.00	25.42 0.82 -1.65	26.82 0.88 0.00	27.48 0.87 -2.65	26.44 0.93 0.00	23.72 0.76 -2.81	29.18 1.07 0.00	24.63 0.90 0.00	28.47 0.99 0.00	30.76 1.00 0.00	35.98 1.20 0.00	48.65 1.56 0.00	39.80 1.25 0.00	50.71 1.56 0.00	64.97 1.84 0.00	23.68 0.67 0.00	16.10 0.55 0.00
GILBOA___1 23756	15.05 0.47 0.00	11.99 0.21 -6.53	11.35 0.30 -3.39	8.70 0.14 -5.09	11.60 0.07 -9.72	13.97 0.53 -0.12	19.36 0.71 -0.29	24.84 0.86 0.00	25.13 0.86 -1.31	26.89 0.95 0.00	27.01 0.93 -2.12	26.49 0.98 0.00	23.19 0.80 -2.24	29.24 1.13 0.00	24.68 0.95 0.00	28.53 1.05 0.00	30.81 1.05 0.00	35.95 1.17 0.00	48.66 1.57 0.00	39.89 1.35 0.00	50.82 1.66 0.00	65.07 1.94 0.00	23.71 0.69 0.00	16.12 0.57 0.00
GILBOA___2 23757	15.05 0.47 0.00	11.99 0.21 -6.53	11.35 0.30 -3.39	8.70 0.14 -5.09	11.60 0.07 -9.72	13.97 0.53 -0.12	19.36 0.71 -0.29	24.84 0.86 0.00	25.13 0.86 -1.31	26.89 0.95 0.00	27.01 0.93 -2.12	26.49 0.98 0.00	23.19 0.80 -2.24	29.24 1.13 0.00	24.68 0.95 0.00	28.53 1.05 0.00	30.81 1.05 0.00	35.95 1.17 0.00	48.66 1.57 0.00	39.89 1.35 0.00	50.82 1.66 0.00	65.07 1.94 0.00	23.71 0.69 0.00	16.12 0.57 0.00
GILBOA___3 23758	15.05 0.47 0.00	11.99 0.21 -6.53	11.35 0.30 -3.39	8.70 0.14 -5.09	11.60 0.07 -9.72	13.97 0.53 -0.12	19.36 0.71 -0.29	24.84 0.86 0.00	25.13 0.86 -1.31	26.89 0.95 0.00	27.01 0.93 -2.12	26.49 0.98 0.00	23.19 0.80 -2.24	29.24 1.13 0.00	24.68 0.95 0.00	28.53 1.05 0.00	30.81 1.05 0.00	35.95 1.17 0.00	48.66 1.57 0.00	39.89 1.35 0.00	50.82 1.66 0.00	65.07 1.94 0.00	23.71 0.69 0.00	16.12 0.57 0.00

GILBOA___4 23759	15.05 0.47 0.00	11.99 0.21 -6.53	11.35 0.30 -3.39	8.70 0.14 -5.09	11.60 0.07 -9.72	13.97 0.53 -0.12	19.36 0.71 -0.29	24.84 0.86 0.00	25.13 0.86 -1.31	26.89 0.95 0.00	27.01 0.93 -2.12	26.49 0.98 0.00	23.19 0.80 -2.24	29.24 1.13 0.00	24.68 0.95 0.00	28.53 1.05 0.00	30.81 1.05 0.00	35.95 1.17 0.00	48.66 1.57 0.00	39.89 1.35 0.00	50.82 1.66 0.00	65.07 1.94 0.00	23.71 0.69 0.00	16.12 0.57 0.00
GILBOA____ 23599	15.05 0.47 0.00	11.99 0.21 -6.53	11.35 0.30 -3.39	8.70 0.14 -5.09	11.60 0.07 -9.72	13.97 0.53 -0.12	19.36 0.71 -0.29	24.84 0.86 0.00	25.13 0.86 -1.31	26.89 0.96 0.00	27.01 0.93 -2.12	26.49 0.98 0.00	23.19 0.80 -2.24	29.24 1.13 0.00	24.67 0.95 0.00	28.53 1.05 0.00	30.81 1.05 0.00	35.95 1.17 0.00	48.66 1.57 0.00	39.89 1.35 0.00	50.82 1.66 0.00	65.07 1.94 0.00	23.71 0.69 0.00	16.12 0.57 0.00
GINNA____ 23603	13.27 -1.30 0.00	5.72 -0.45 -0.91	7.48 -0.67 -0.47	3.89 -0.29 -0.71	3.02 -0.15 -1.36	12.25 -1.09 -0.02	16.87 -1.52 -0.04	21.98 -2.01 0.00	21.20 -1.94 -0.18	23.82 -2.11 0.00	22.06 -2.19 -0.30	23.12 -2.38 0.00	18.57 -1.89 -0.31	25.71 -2.40 0.00	21.66 -2.07 0.00	25.25 -2.23 0.00	27.41 -2.36 0.00	31.95 -2.84 0.00	43.40 -3.69 0.00	35.58 -2.97 0.00	45.52 -3.65 0.00	58.40 -4.73 0.00	21.23 -1.78 0.00	14.45 -1.11 0.00
GLEN PARK____ 23778	13.91 -0.67 0.00	5.40 -0.28 -0.42	7.54 -0.35 -0.22	0.88 -0.15 2.43	0.82 -0.09 0.90	12.69 -0.63 -0.01	17.67 -0.70 -0.02	23.30 -0.90 -0.22	23.22 -0.99 -1.26	26.52 -1.17 -1.76	17.30 -1.02 5.63	20.22 -1.02 4.26	13.91 -0.96 5.28	28.42 -1.64 -1.95	24.57 -1.01 -1.85	28.36 -1.07 -1.95	31.67 -0.16 -2.06	37.79 0.71 -2.30	51.05 1.10 -2.85	41.79 0.88 -2.38	53.09 1.15 -2.78	67.63 1.47 -3.03	25.11 0.29 -1.81	16.66 -0.40 -1.52
GLENDALE_27_KV_LOAD 356172	15.70 1.12 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.26 1.61 -0.30	26.00 2.02 0.00	26.35 2.05 -1.34	28.26 2.32 0.00	28.36 2.23 -2.17	27.88 2.37 0.00	24.35 1.91 -2.30	30.78 2.68 0.00	25.98 2.26 0.00	29.93 2.45 0.00	32.31 2.55 0.00	37.74 2.96 0.00	50.99 3.90 0.00	41.81 3.27 0.00	53.08 3.91 0.00	67.59 4.46 0.00	24.67 1.66 0.00	16.91 1.36 0.00
GLENWOOD_IC_1_G5 23712	15.73 1.16 0.00	12.43 0.48 -6.69	11.84 0.70 -3.47	9.02 0.32 -5.22	11.93 0.16 -9.96	14.70 1.26 -0.13	20.45 1.80 -0.30	26.22 2.23 0.00	26.46 2.16 -1.34	28.42 2.49 0.00	28.53 2.41 -2.17	28.04 2.53 0.00	24.54 2.10 -2.30	31.03 2.92 0.00	26.22 2.49 0.00	30.26 2.77 0.00	32.66 2.90 0.00	37.93 3.14 0.00	51.34 4.25 0.00	42.23 3.69 0.00	53.69 4.53 0.00	68.13 5.00 0.00	24.95 1.94 0.00	17.04 1.48 0.00
GLENWOOD_IC_2_G1 23688	15.70 1.12 0.00	12.42 0.47 -6.69	11.82 0.68 -3.47	9.01 0.32 -5.22	11.93 0.16 -9.96	14.67 1.22 -0.13	20.40 1.74 -0.30	26.14 2.16 0.00	26.39 2.09 -1.34	28.33 2.40 0.00	28.45 2.32 -2.17	27.95 2.45 0.00	24.47 2.03 -2.30	30.93 2.82 0.00	26.13 2.41 0.00	30.15 2.67 0.00	32.55 2.79 0.00	37.89 3.11 0.00	51.28 4.19 0.00	42.11 3.56 0.00	53.52 4.36 0.00	67.93 4.80 0.00	24.88 1.87 0.00	16.99 1.44 0.00
GLENWOOD_IC_3_G1 23689	15.70 1.12 0.00	12.42 0.47 -6.69	11.82 0.68 -3.47	9.01 0.32 -5.22	11.93 0.16 -9.96	14.67 1.22 -0.13	20.40 1.74 -0.30	26.14 2.16 0.00	26.39 2.09 -1.34	28.33 2.40 0.00	28.45 2.32 -2.17	27.95 2.45 0.00	24.47 2.03 -2.30	30.93 2.82 0.00	26.13 2.41 0.00	30.15 2.67 0.00	32.55 2.79 0.00	37.89 3.11 0.00	51.28 4.19 0.00	42.11 3.56 0.00	53.52 4.36 0.00	67.93 4.80 0.00	24.88 1.87 0.00	16.99 1.44 0.00
GLENWOOD___4 23550	15.73 1.16 0.00	12.43 0.48 -6.69	11.84 0.70 -3.47	9.02 0.32 -5.22	11.93 0.16 -9.96	14.70 1.26 -0.13	20.45 1.80 -0.30	26.22 2.23 0.00	26.46 2.16 -1.34	28.42 2.49 0.00	28.53 2.41 -2.17	28.04 2.53 0.00	24.54 2.10 -2.30	31.03 2.92 0.00	26.22 2.49 0.00	30.26 2.77 0.00	32.66 2.90 0.00	37.97 3.19 0.00	51.38 4.29 0.00	42.23 3.69 0.00	53.69 4.53 0.00	68.13 5.00 0.00	24.95 1.94 0.00	17.04 1.48 0.00
GLENWOOD___5 23614	15.73 1.16 0.00	12.43 0.48 -6.69	11.84 0.70 -3.47	9.02 0.32 -5.22	11.93 0.16 -9.96	14.70 1.26 -0.13	20.45 1.80 -0.30	26.22 2.23 0.00	26.46 2.16 -1.34	28.42 2.49 0.00	28.53 2.41 -2.17	28.04 2.53 0.00	24.54 2.10 -2.30	31.03 2.92 0.00	26.22 2.49 0.00	30.26 2.77 0.00	32.66 2.90 0.00	37.97 3.19 0.00	51.38 4.29 0.00	42.23 3.69 0.00	53.69 4.53 0.00	68.13 5.00 0.00	24.95 1.94 0.00	17.04 1.48 0.00
GLOBAL GREEN_PORT_GT1 23814	15.84 1.27 0.00	12.53 0.58 -6.69	11.99 0.85 -3.47	9.10 0.42 -5.22	11.98 0.21 -9.96	15.11 1.67 -0.13	21.12 2.47 -0.30	27.02 3.04 0.00	27.05 2.76 -1.34	29.04 3.11 0.00	29.02 2.89 -2.17	28.46 2.95 0.00	24.89 2.44 -2.30	31.57 3.45 0.00	26.60 2.87 0.00	30.42 2.93 0.00	32.71 2.95 0.00	38.63 3.85 0.00	52.81 5.72 0.00	43.39 4.85 0.00	55.07 5.91 0.00	69.53 6.40 0.00	25.56 2.55 0.00	17.44 1.88 0.00
GLOBE___DSASP 323697	13.20 -1.37 0.00	5.85 -0.48 -1.07	7.51 -0.72 -0.55	3.99 -0.31 -0.83	3.24 -0.16 -1.59	12.14 -1.19 -0.02	16.46 -1.94 -0.05	21.21 -2.77 0.00	20.42 -2.75 -0.21	22.98 -2.95 0.00	21.10 -3.20 -0.35	22.06 -3.44 0.00	17.84 -2.68 -0.37	24.76 -3.35 0.00	20.84 -2.88 0.00	24.38 -3.10 0.00	26.44 -3.32 0.00	30.68 -4.11 0.00	41.84 -5.25 0.00	34.35 -4.19 0.00	44.14 -5.01 0.00	56.48 -6.65 0.00	20.61 -2.40 0.00	14.24 -1.31 0.00
GOETHSLN___LBMP 323567	15.56 0.98 0.00	12.36 0.40 -6.70	11.74 0.60 -3.47	8.98 0.28 -5.23	11.92 0.14 -9.97	14.53 1.09 -0.13	20.09 1.44 -0.30	25.75 1.77 0.00	26.10 1.80 -1.34	27.96 2.03 0.00	28.09 1.96 -2.17	27.57 2.07 0.00	24.12 1.68 -2.30	30.46 2.35 0.00	25.72 2.00 0.00	29.66 2.18 0.00	31.99 2.23 0.00	37.37 2.59 0.00	50.48 3.39 0.00	41.32 2.78 0.00	52.48 3.32 0.00	66.92 3.79 0.00	24.43 1.42 0.00	16.74 1.18 0.00
GOLAH___69_KV_TB 1_2 80279	13.87 -0.71 0.00	5.96 -0.24 -0.94	7.80 -0.36 -0.49	4.05 -0.15 -0.73	3.13 -0.08 -1.40	12.79 -0.55 -0.02	17.58 -0.82 -0.04	22.87 -1.11 0.00	22.05 -1.09 -0.19	24.82 -1.11 0.00	22.88 -1.38 -0.31	23.98 -1.53 0.00	19.25 -1.23 -0.32	26.75 -1.36 0.00	22.56 -1.17 0.00	26.34 -1.15 0.00	28.58 -1.18 0.00	33.29 -1.49 0.00	45.31 -1.79 0.00	37.14 -1.41 0.00	47.59 -1.57 0.00	61.02 -2.12 0.00	22.18 -0.83 0.00	15.14 -0.42 0.00
GOODYEAR_LAKE_HYD 323669	14.99 0.42 0.00	7.61 0.17 -2.19	9.05 0.24 -1.13	5.28 0.11 -1.71	5.12 0.06 -3.26	13.79 0.43 -0.04	19.08 0.62 -0.10	24.83 0.84 0.00	24.20 0.80 -0.44	26.87 0.94 0.00	25.56 0.89 -0.71	26.44 0.94 0.00	21.63 0.74 -0.75	29.18 1.07 0.00	24.63 0.90 0.00	28.51 1.03 0.00	30.91 1.15 0.00	36.16 1.38 0.00	48.93 1.84 0.00	40.10 1.56 0.00	51.18 2.02 0.00	65.58 2.45 0.00	23.88 0.87 0.00	16.21 0.65 0.00

GOUDEY___1 345031	14.50 -0.07 0.00	7.57 0.01 -2.30	8.85 -0.02 -1.19	5.27 0.01 -1.80	5.24 0.00 -3.43	13.38 0.02 -0.04	18.46 0.00 -0.10	23.99 0.01 0.00	23.36 -0.06 -0.46	25.93 0.00 0.00	24.70 0.00 -0.75	25.50 -0.01 0.00	20.98 0.04 -0.79	28.21 0.11 0.00	23.77 0.04 0.00	27.56 0.07 0.00	29.84 0.08 0.00	34.81 0.03 0.00	47.02 -0.07 0.00	38.66 0.12 0.00	49.43 0.27 0.00	63.30 0.18 0.00	23.00 -0.01 0.00	15.63 0.08 0.00
GOUDEY___7 23579	14.52 -0.06 0.00	7.58 0.02 -2.30	8.86 -0.01 -1.19	5.27 0.01 -1.80	5.24 0.00 -3.43	13.39 0.03 -0.04	18.48 0.02 -0.10	24.01 0.03 0.00	23.38 -0.04 -0.46	25.96 0.03 0.00	24.72 0.02 -0.75	25.53 0.02 0.00	21.00 0.06 -0.79	28.24 0.13 0.00	23.79 0.06 0.00	27.58 0.10 0.00	29.87 0.11 0.00	34.84 0.06 0.00	47.07 -0.02 0.00	38.70 0.15 0.00	49.48 0.32 0.00	63.37 0.24 0.00	23.02 0.01 0.00	15.64 0.09 0.00
GOUDEY___8 23580	14.50 -0.07 0.00	7.57 0.01 -2.30	8.85 -0.02 -1.19	5.27 0.01 -1.80	5.24 0.00 -3.43	13.38 0.02 -0.04	18.46 0.00 -0.10	23.99 0.01 0.00	23.36 -0.06 -0.46	25.93 0.00 0.00	24.70 0.00 -0.75	25.50 -0.01 0.00	20.98 0.04 -0.79	28.21 0.11 0.00	23.77 0.04 0.00	27.56 0.07 0.00	29.84 0.08 0.00	34.81 0.03 0.00	47.02 -0.07 0.00	38.66 0.12 0.00	49.43 0.27 0.00	63.30 0.18 0.00	23.00 -0.01 0.00	15.63 0.08 0.00
GOWANUS_GT1_1 24077	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT1_2 24078	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT1_3 24079	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT1_4 24080	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT1_5 24084	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT1_6 24111	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT1_7 24112	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT1_8 24113	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT2_1 24114	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT2_2 24115	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT2_3 24116	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT2_4 24117	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00

GOWANUS_GT2_5 24118	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT2_6 24119	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT2_7 24120	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT2_8 24121	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT3_1 24122	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT3_2 24123	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT3_3 24124	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT3_4 24125	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT3_5 24126	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT3_6 24127	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT3_7 24128	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT3_8 24129	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT4_1 24130	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT4_2 24131	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT4_3 24132	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00

GOWANUS_GT4_4 24133	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT4_5 24134	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT4_6 24135	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT4_7 24136	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GOWANUS_GT4_8 24137	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GREENBSH_115KV_TB3 55895	15.06 0.48 0.00	13.71 0.22 -8.22	12.27 0.33 -4.26	10.04 0.16 -6.42	14.13 0.08 -12.24	14.02 0.55 -0.16	19.40 0.68 -0.37	24.75 0.76 0.00	25.39 0.79 -1.65	26.75 0.82 0.00	27.45 0.83 -2.66	26.40 0.89 0.00	23.70 0.73 -2.82	29.13 1.02 0.00	24.58 0.86 0.00	28.42 0.94 0.00	30.71 0.95 0.00	35.94 1.15 0.00	48.58 1.49 0.00	39.72 1.18 0.00	50.62 1.46 0.00	64.85 1.72 0.00	23.63 0.62 0.00	16.07 0.52 0.00
GREENDGE_115KV_TB5 80291	14.19 -0.39 0.00	6.70 -0.08 -1.52	8.29 -0.17 -0.79	4.60 -0.06 -1.19	4.04 -0.03 -2.27	13.10 -0.25 -0.03	18.12 -0.30 -0.07	23.63 -0.35 0.00	22.86 -0.40 -0.31	25.54 -0.39 0.00	24.00 -0.45 -0.49	24.98 -0.52 0.00	20.26 -0.41 -0.52	27.61 -0.50 0.00	23.25 -0.47 0.00	27.12 -0.36 0.00	29.52 -0.25 0.00	34.35 -0.43 0.00	46.74 -0.35 0.00	38.45 -0.09 0.00	49.17 0.01 0.00	62.80 -0.33 0.00	22.91 -0.09 0.00	15.52 -0.03 0.00
GREENIDGE___3 23582	14.19 -0.39 0.00	6.70 -0.08 -1.52	8.29 -0.17 -0.79	4.60 -0.06 -1.19	4.04 -0.03 -2.27	13.10 -0.25 -0.03	18.12 -0.30 -0.07	23.63 -0.35 0.00	22.86 -0.40 -0.31	25.54 -0.39 0.00	24.00 -0.45 -0.49	24.98 -0.52 0.00	20.26 -0.41 -0.52	27.61 -0.50 0.00	23.25 -0.47 0.00	27.12 -0.36 0.00	29.52 -0.25 0.00	34.35 -0.43 0.00	46.74 -0.35 0.00	38.45 -0.09 0.00	49.17 0.01 0.00	62.80 -0.33 0.00	22.91 -0.09 0.00	15.52 -0.03 0.00
GREENIDGE___4 23583	14.19 -0.39 0.00	6.70 -0.08 -1.52	8.29 -0.17 -0.79	4.59 -0.06 -1.19	4.04 -0.03 -2.27	13.10 -0.25 -0.03	18.12 -0.30 -0.07	23.63 -0.35 0.00	22.85 -0.40 -0.31	25.54 -0.39 0.00	24.00 -0.45 -0.49	24.98 -0.52 0.00	20.25 -0.41 -0.52	27.60 -0.51 0.00	23.24 -0.48 0.00	27.12 -0.37 0.00	29.51 -0.25 0.00	34.35 -0.44 0.00	46.70 -0.39 0.00	38.45 -0.09 0.00	49.17 0.01 0.00	62.80 -0.32 0.00	22.91 -0.10 0.00	15.52 -0.04 0.00
GREENLWN_69_KV_BK 3 55738	15.65 1.08 0.00	12.41 0.46 -6.69	11.81 0.67 -3.47	9.00 0.31 -5.22	11.93 0.16 -9.96	14.63 1.19 -0.13	20.37 1.71 -0.30	26.09 2.11 0.00	26.27 1.98 -1.34	28.21 2.28 0.00	28.33 2.20 -2.17	27.81 2.30 0.00	24.38 1.94 -2.30	30.82 2.71 0.00	26.04 2.31 0.00	30.04 2.55 0.00	32.42 2.66 0.00	37.73 2.95 0.00	51.08 3.99 0.00	41.96 3.42 0.00	53.33 4.17 0.00	67.58 4.45 0.00	24.82 1.82 0.00	16.96 1.41 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
GRISSOM___SOLAR 323813	15.84 1.26 0.00	15.08 0.44 -9.39	13.17 0.63 -4.86	11.07 0.28 -7.32	15.93 0.15 -13.97	14.70 1.20 -0.18	20.56 1.78 -0.42	26.34 2.36 0.00	27.19 2.35 -1.88	28.26 2.33 0.00	28.79 1.79 -3.04	27.75 2.24 0.00	25.14 1.77 -3.22	30.70 2.59 0.00	26.07 2.35 0.00	30.33 2.85 0.00	32.99 3.23 0.00	38.65 3.86 0.00	52.33 5.23 0.00	42.82 4.27 0.00	54.45 5.29 0.00	69.48 6.36 0.00	25.20 2.19 0.00	16.94 1.38 0.00
GROVEVILLE___HYD 323602	15.58 1.00 0.00	12.44 0.40 -6.78	11.78 0.59 -3.51	9.03 0.27 -5.29	12.04 0.14 -10.09	14.52 1.07 -0.13	20.15 1.49 -0.30	25.84 1.85 0.00	26.18 1.87 -1.36	28.03 2.10 0.00	28.18 2.02 -2.20	27.64 2.14 0.00	24.20 1.73 -2.32	30.53 2.42 0.00	25.76 2.03 0.00	29.76 2.27 0.00	32.15 2.39 0.00	37.59 2.81 0.00	50.79 3.70 0.00	41.55 3.01 0.00	52.85 3.69 0.00	67.44 4.31 0.00	24.56 1.55 0.00	16.76 1.20 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	14.35 -0.22 0.00	6.02 -0.06 -0.83	8.00 -0.10 -0.43	4.07 -0.04 -0.65	3.02 -0.02 -1.23	13.20 -0.14 -0.02	18.21 -0.19 -0.04	23.75 -0.23 0.00	22.87 -0.25 -0.17	25.68 -0.24 0.00	23.95 -0.27 -0.27	25.19 -0.32 0.00	20.16 -0.27 -0.28	27.72 -0.39 0.00	23.37 -0.35 0.00	27.12 -0.37 0.00	29.43 -0.33 0.00	34.41 -0.38 0.00	46.60 -0.49 0.00	38.18 -0.36 0.00	48.74 -0.42 0.00	62.71 -0.42 0.00	22.80 -0.21 0.00	15.45 -0.10 0.00
HAMLTNNY_34_KV_TB 80303	14.36 -0.21 0.00	6.07 -0.06 -0.87	8.03 -0.09 -0.45	4.11 -0.04 -0.68	3.08 -0.02 -1.29	13.21 -0.13 -0.02	18.22 -0.17 -0.04	23.76 -0.22 0.00	22.88 -0.24 -0.17	25.70 -0.23 0.00	23.97 -0.27 -0.28	25.19 -0.32 0.00	20.18 -0.27 -0.30	27.73 -0.38 0.00	23.38 -0.34 0.00	27.14 -0.35 0.00	29.45 -0.31 0.00	34.43 -0.36 0.00	46.62 -0.47 0.00	38.22 -0.33 0.00	48.57 -0.59 0.00	62.34 -0.79 0.00	22.67 -0.34 0.00	15.38 -0.17 0.00

HAMPSHIRE___PAPER_HYD 323593	14.08 -0.50 0.00	5.22 -0.23 -0.20	7.47 -0.31 -0.10	-4.29 -0.15 7.61	-2.25 -0.09 3.98	12.64 -0.68 0.00	17.57 -0.80 -0.01	23.59 -0.97 -0.58	25.06 -0.99 -3.10	29.36 -1.15 -4.58	6.70 -1.00 16.26	12.48 -0.88 12.15	4.11 -0.77 15.27	32.18 -1.01 -5.08	27.87 -0.68 -4.82	31.56 -1.01 -5.09	34.58 -0.56 -5.38	40.58 -0.21 -6.00	54.22 -0.20 -7.33	44.51 -0.20 -6.17	56.16 -0.22 -7.22	70.84 -0.15 -7.86	27.69 0.00 -4.68	19.04 -0.44 -3.92
HARDSCRABBLE_WT_PWR 323673	14.78 0.21 0.00	5.39 0.13 0.00	7.85 0.18 0.00	4.27 0.07 -0.74	2.25 0.03 -0.40	13.54 0.22 0.00	18.64 0.28 0.00	24.27 0.29 0.00	23.22 0.26 0.00	26.22 0.29 0.00	26.01 0.39 -1.66	27.33 0.49 -1.34	21.99 0.29 -1.55	28.63 0.52 0.00	24.10 0.37 0.00	27.91 0.43 0.00	30.12 0.36 0.00	34.95 0.17 0.00	46.89 -0.20 0.00	38.47 -0.07 0.00	49.15 -0.01 0.00	62.95 -0.18 0.00	22.95 -0.06 0.00	15.67 0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	15.49 0.91 0.00	11.95 0.37 -6.32	11.50 0.55 -3.27	8.66 0.26 -4.93	11.34 0.13 -9.40	14.44 1.00 -0.12	20.03 1.39 -0.28	25.72 1.73 0.00	25.96 1.74 -1.27	27.90 1.97 0.00	27.88 1.88 -2.05	27.49 1.98 0.00	23.92 1.60 -2.17	30.36 2.25 0.00	25.62 1.90 0.00	29.60 2.12 0.00	32.00 2.24 0.00	37.43 2.65 0.00	50.54 3.45 0.00	41.34 2.79 0.00	52.59 3.43 0.00	67.13 4.00 0.00	24.45 1.44 0.00	16.67 1.12 0.00
HARSNRAD_115KV_TB1 81005	13.33 -1.25 0.00	5.88 -0.43 -1.05	7.56 -0.66 -0.55	4.01 -0.27 -0.82	3.23 -0.14 -1.57	12.27 -1.07 -0.02	16.75 -1.65 -0.05	21.72 -2.26 0.00	20.93 -2.23 -0.21	23.58 -2.35 0.00	21.61 -2.69 -0.34	22.60 -2.91 0.00	18.25 -2.26 -0.36	25.41 -2.70 0.00	21.40 -2.33 0.00	25.04 -2.45 0.00	27.16 -2.60 0.00	31.54 -3.24 0.00	42.99 -4.10 0.00	35.30 -3.24 0.00	45.33 -3.84 0.00	58.02 -5.11 0.00	21.13 -1.88 0.00	14.53 -1.02 0.00
HARZA MOOSE___RIVER 24016	14.41 -0.16 0.00	5.40 -0.08 -0.23	7.71 -0.09 -0.12	1.99 -0.04 1.44	1.23 -0.03 0.55	13.12 -0.20 0.00	18.19 -0.17 -0.01	23.95 -0.19 -0.16	23.63 -0.23 -0.91	26.93 -0.30 -1.29	20.49 -0.22 3.24	22.92 -0.20 2.39	16.87 -0.24 3.04	29.40 -0.13 -1.42	25.18 0.10 -1.35	28.78 -0.13 -1.43	31.73 0.46 -1.51	37.41 0.94 -1.68	50.78 1.28 -2.41	41.37 1.06 -1.77	52.62 1.38 -2.08	67.13 1.74 -2.26	24.88 0.52 -1.35	16.71 0.03 -1.13
HDSNBRDG_115KV_BRDG_TB1 355580	14.24 -0.33 0.00	5.91 -0.10 -0.75	7.91 -0.15 -0.39	3.99 -0.06 -0.59	2.90 -0.03 -1.12	13.11 -0.22 -0.01	18.07 -0.32 -0.03	23.57 -0.41 0.00	22.70 -0.41 -0.15	25.51 -0.42 0.00	23.76 -0.44 -0.24	25.02 -0.49 0.00	20.00 -0.40 -0.26	27.53 -0.58 0.00	23.22 -0.51 0.00	26.93 -0.55 0.00	29.22 -0.54 0.00	34.14 -0.64 0.00	46.23 -0.86 0.00	37.88 -0.66 0.00	48.39 -0.77 0.00	62.26 -0.87 0.00	22.64 -0.37 0.00	15.35 -0.20 0.00
HELLGATE_13_KV_LD 55870	15.63 1.06 0.00	12.39 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.18 1.53 -0.30	25.87 1.90 0.00	26.23 1.94 -1.34	28.11 2.18 0.00	28.23 2.10 -2.17	27.74 2.23 0.00	24.24 1.80 -2.30	30.62 2.51 0.00	25.85 2.12 0.00	29.78 2.29 0.00	32.14 2.38 0.00	37.55 2.76 0.00	50.73 3.64 0.00	41.60 3.06 0.00	52.79 3.63 0.00	67.26 4.13 0.00	24.55 1.54 0.00	16.84 1.29 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	15.63 1.06 0.00	12.39 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.18 1.53 -0.30	25.87 1.90 0.00	26.23 1.94 -1.34	28.11 2.18 0.00	28.23 2.10 -2.17	27.74 2.23 0.00	24.24 1.80 -2.30	30.62 2.51 0.00	25.85 2.12 0.00	29.78 2.29 0.00	32.14 2.38 0.00	37.55 2.76 0.00	50.73 3.64 0.00	41.60 3.06 0.00	52.79 3.63 0.00	67.26 4.13 0.00	24.55 1.54 0.00	16.84 1.29 0.00
HEMPSTEAD____ 23647	15.67 1.10 0.00	12.41 0.46 -6.69	11.81 0.67 -3.47	9.00 0.31 -5.22	11.93 0.16 -9.96	14.65 1.21 -0.13	20.38 1.73 -0.30	26.12 2.14 0.00	26.36 2.06 -1.34	28.30 2.37 0.00	28.43 2.30 -2.17	27.93 2.42 0.00	24.45 2.01 -2.30	30.91 2.80 0.00	26.11 2.39 0.00	30.14 2.65 0.00	32.54 2.77 0.00	37.85 3.07 0.00	51.23 4.14 0.00	42.07 3.53 0.00	53.50 4.34 0.00	67.86 4.73 0.00	24.86 1.85 0.00	16.97 1.42 0.00
HEWLETT__69_KV_BK3 55828	15.76 1.18 0.00	12.44 0.49 -6.69	11.86 0.71 -3.47	9.02 0.33 -5.22	11.94 0.17 -9.96	14.73 1.28 -0.13	20.47 1.81 -0.30	26.21 2.23 0.00	26.46 2.17 -1.34	28.41 2.49 0.00	28.56 2.44 -2.17	28.08 2.58 0.00	24.58 2.14 -2.30	31.08 2.97 0.00	26.27 2.54 0.00	30.30 2.82 0.00	32.72 2.96 0.00	37.99 3.21 0.00	51.43 4.33 0.00	42.33 3.79 0.00	53.79 4.63 0.00	68.25 5.13 0.00	24.99 1.98 0.00	17.08 1.52 0.00
HICKLING___1 23621	14.25 -0.32 0.00	7.12 -0.05 -1.91	8.52 -0.14 -0.99	4.92 -0.04 -1.49	4.63 -0.02 -2.84	13.18 -0.18 -0.04	18.18 -0.26 -0.09	23.68 -0.30 0.00	22.93 -0.40 -0.38	25.59 -0.34 0.00	24.26 -0.32 -0.62	25.16 -0.35 0.00	20.58 -0.22 -0.66	27.88 -0.23 0.00	23.47 -0.26 0.00	27.32 -0.16 0.00	29.65 -0.12 0.00	34.55 -0.23 0.00	46.71 -0.38 0.00	38.56 0.02 0.00	49.38 0.21 0.00	62.96 -0.17 0.00	22.79 -0.22 0.00	15.50 -0.05 0.00
HICKLING___2 23622	14.25 -0.32 0.00	7.12 -0.05 -1.91	8.52 -0.14 -0.99	4.92 -0.04 -1.49	4.63 -0.02 -2.84	13.18 -0.18 -0.04	18.18 -0.26 -0.09	23.68 -0.30 0.00	22.93 -0.40 -0.38	25.59 -0.34 0.00	24.26 -0.32 -0.62	25.16 -0.35 0.00	20.58 -0.22 -0.66	27.88 -0.23 0.00	23.47 -0.26 0.00	27.32 -0.16 0.00	29.65 -0.12 0.00	34.55 -0.23 0.00	46.71 -0.38 0.00	38.56 0.02 0.00	49.38 0.21 0.00	62.96 -0.17 0.00	22.79 -0.22 0.00	15.50 -0.05 0.00
HIGH FALLS___HY 23754	15.54 0.96 0.00	12.34 0.38 -6.70	11.72 0.57 -3.47	8.96 0.27 -5.23	11.91 0.14 -9.97	14.50 1.05 -0.13	20.15 1.50 -0.30	25.89 1.91 0.00	26.21 1.92 -1.34	28.12 2.19 0.00	28.24 2.11 -2.17	27.69 2.19 0.00	24.03 1.59 -2.30	30.37 2.27 0.00	25.63 1.90 0.00	29.60 2.11 0.00	31.96 2.20 0.00	37.39 2.61 0.00	50.52 3.43 0.00	41.37 2.83 0.00	52.93 3.77 0.00	67.52 4.39 0.00	24.59 1.58 0.00	16.78 1.23 0.00
HILLBURN___GT 23639	15.51 0.93 0.00	12.04 0.38 -6.40	11.56 0.57 -3.31	8.73 0.27 -4.99	11.47 0.14 -9.52	14.47 1.04 -0.12	20.08 1.44 -0.29	25.77 1.79 0.00	26.03 1.79 -1.28	27.95 2.02 0.00	27.96 1.93 -2.07	27.53 2.03 0.00	23.98 1.64 -2.19	30.40 2.29 0.00	25.67 1.94 0.00	29.64 2.16 0.00	32.02 2.27 0.00	37.46 2.68 0.00	50.57 3.48 0.00	41.35 2.81 0.00	52.63 3.47 0.00	67.17 4.05 0.00	24.48 1.47 0.00	16.70 1.14 0.00
HILLSIDE_115KV_TB1 80332	14.19 -0.38 0.00	7.14 -0.08 -1.96	8.51 -0.18 -1.01	4.93 -0.06 -1.53	4.69 -0.03 -2.91	13.11 -0.24 -0.04	18.07 -0.37 -0.09	23.53 -0.45 0.00	22.79 -0.55 -0.39	25.42 -0.51 0.00	24.12 -0.47 -0.63	25.00 -0.50 0.00	20.50 -0.32 -0.67	27.73 -0.38 0.00	23.34 -0.38 0.00	27.10 -0.39 0.00	29.36 -0.41 0.00	34.20 -0.58 0.00	46.14 -0.95 0.00	38.09 -0.46 0.00	48.80 -0.36 0.00	62.27 -0.86 0.00	22.58 -0.43 0.00	15.35 -0.21 0.00

HISHELDN_WT_PWR 323625	13.22 -1.36 0.00	5.88 -0.48 -1.10	7.55 -0.70 -0.57	4.04 -0.29 -0.86	3.29 -0.16 -1.64	12.16 -1.17 -0.02	16.63 -1.77 -0.05	21.58 -2.40 0.00	20.78 -2.40 -0.22	23.46 -2.47 0.00	21.55 -2.77 -0.36	22.56 -2.94 0.00	18.21 -2.32 -0.38	25.28 -2.83 0.00	21.24 -2.49 0.00	24.89 -2.59 0.00	27.03 -2.73 0.00	31.41 -3.37 0.00	42.76 -4.33 0.00	35.16 -3.39 0.00	45.12 -4.04 0.00	57.74 -5.39 0.00	21.02 -1.99 0.00	14.41 -1.15 0.00
HOLTSVILLE_IC_1 23690	15.73 1.15 0.00	12.45 0.50 -6.69	11.88 0.73 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.77 1.32 -0.13	20.58 1.92 -0.30	26.31 2.33 0.00	26.43 2.13 -1.34	28.36 2.43 0.00	28.42 2.29 -2.17	27.87 2.36 0.00	24.43 1.99 -2.30	30.88 2.77 0.00	26.08 2.36 0.00	30.07 2.59 0.00	32.46 2.70 0.00	37.85 3.07 0.00	51.40 4.30 0.00	42.26 3.72 0.00	53.67 4.51 0.00	67.89 4.76 0.00	24.98 1.97 0.00	17.06 1.51 0.00
HOLTSVILLE_IC_10 23699	15.79 1.22 0.00	12.47 0.52 -6.69	11.91 0.76 -3.47	9.05 0.35 -5.22	11.95 0.18 -9.96	14.82 1.38 -0.13	20.66 2.00 -0.30	26.42 2.44 0.00	26.54 2.24 -1.34	28.49 2.56 0.00	28.53 2.40 -2.17	28.00 2.49 0.00	24.53 2.09 -2.30	31.03 2.92 0.00	26.20 2.48 0.00	30.22 2.74 0.00	32.64 2.88 0.00	38.06 3.28 0.00	51.68 4.58 0.00	42.49 3.94 0.00	53.95 4.79 0.00	68.23 5.10 0.00	25.09 2.09 0.00	17.13 1.58 0.00
HOLTSVILLE_IC_2 23691	15.73 1.15 0.00	12.45 0.50 -6.69	11.88 0.73 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.77 1.32 -0.13	20.58 1.92 -0.30	26.31 2.33 0.00	26.43 2.13 -1.34	28.36 2.43 0.00	28.42 2.29 -2.17	27.87 2.36 0.00	24.43 1.99 -2.30	30.88 2.77 0.00	26.08 2.36 0.00	30.07 2.59 0.00	32.46 2.70 0.00	37.85 3.07 0.00	51.40 4.30 0.00	42.26 3.72 0.00	53.67 4.51 0.00	67.89 4.76 0.00	24.98 1.97 0.00	17.06 1.51 0.00
HOLTSVILLE_IC_3 23692	15.73 1.15 0.00	12.45 0.50 -6.69	11.88 0.73 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.77 1.32 -0.13	20.58 1.92 -0.30	26.31 2.33 0.00	26.43 2.13 -1.34	28.36 2.43 0.00	28.42 2.29 -2.17	27.87 2.36 0.00	24.43 1.99 -2.30	30.88 2.77 0.00	26.08 2.36 0.00	30.07 2.59 0.00	32.46 2.70 0.00	37.85 3.07 0.00	51.40 4.30 0.00	42.26 3.72 0.00	53.67 4.51 0.00	67.89 4.76 0.00	24.98 1.97 0.00	17.06 1.51 0.00
HOLTSVILLE_IC_4 23693	15.73 1.15 0.00	12.45 0.50 -6.69	11.88 0.73 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.77 1.32 -0.13	20.58 1.92 -0.30	26.31 2.33 0.00	26.43 2.13 -1.34	28.36 2.43 0.00	28.42 2.29 -2.17	27.87 2.36 0.00	24.43 1.99 -2.30	30.88 2.77 0.00	26.08 2.36 0.00	30.07 2.59 0.00	32.46 2.70 0.00	37.85 3.07 0.00	51.40 4.30 0.00	42.26 3.72 0.00	53.67 4.51 0.00	67.89 4.76 0.00	24.98 1.97 0.00	17.06 1.51 0.00
HOLTSVILLE_IC_5 23694	15.73 1.15 0.00	12.45 0.50 -6.69	11.88 0.73 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.77 1.32 -0.13	20.58 1.92 -0.30	26.31 2.33 0.00	26.43 2.13 -1.34	28.36 2.43 0.00	28.42 2.29 -2.17	27.87 2.36 0.00	24.43 1.99 -2.30	30.88 2.77 0.00	26.08 2.36 0.00	30.07 2.59 0.00	32.46 2.70 0.00	37.85 3.07 0.00	51.40 4.30 0.00	42.26 3.72 0.00	53.67 4.51 0.00	67.89 4.76 0.00	24.98 1.97 0.00	17.06 1.51 0.00
HOLTSVILLE_IC_6 23695	15.79 1.22 0.00	12.47 0.52 -6.69	11.91 0.76 -3.47	9.05 0.35 -5.22	11.95 0.18 -9.96	14.82 1.38 -0.13	20.66 2.00 -0.30	26.42 2.44 0.00	26.54 2.24 -1.34	28.49 2.56 0.00	28.53 2.40 -2.17	28.00 2.49 0.00	24.53 2.09 -2.30	31.03 2.92 0.00	26.20 2.48 0.00	30.22 2.74 0.00	32.64 2.88 0.00	38.06 3.28 0.00	51.68 4.58 0.00	42.49 3.94 0.00	53.95 4.79 0.00	68.23 5.10 0.00	25.09 2.09 0.00	17.13 1.58 0.00
HOLTSVILLE_IC_7 23696	15.79 1.22 0.00	12.47 0.52 -6.69	11.91 0.76 -3.47	9.05 0.35 -5.22	11.95 0.18 -9.96	14.82 1.38 -0.13	20.66 2.00 -0.30	26.42 2.44 0.00	26.54 2.24 -1.34	28.49 2.56 0.00	28.53 2.40 -2.17	28.00 2.49 0.00	24.53 2.09 -2.30	31.03 2.92 0.00	26.20 2.48 0.00	30.22 2.74 0.00	32.64 2.88 0.00	38.06 3.28 0.00	51.68 4.58 0.00	42.49 3.94 0.00	53.95 4.79 0.00	68.23 5.10 0.00	25.09 2.09 0.00	17.13 1.58 0.00
HOLTSVILLE_IC_8 23697	15.79 1.22 0.00	12.47 0.52 -6.69	11.91 0.76 -3.47	9.05 0.35 -5.22	11.95 0.18 -9.96	14.82 1.38 -0.13	20.66 2.00 -0.30	26.42 2.44 0.00	26.54 2.24 -1.34	28.49 2.56 0.00	28.53 2.40 -2.17	28.00 2.49 0.00	24.53 2.09 -2.30	31.03 2.92 0.00	26.20 2.48 0.00	30.22 2.74 0.00	32.64 2.88 0.00	38.06 3.28 0.00	51.68 4.58 0.00	42.49 3.94 0.00	53.95 4.79 0.00	68.23 5.10 0.00	25.09 2.09 0.00	17.13 1.58 0.00
HOLTSVILLE_IC_9 23698	15.79 1.22 0.00	12.47 0.52 -6.69	11.91 0.76 -3.47	9.05 0.35 -5.22	11.95 0.18 -9.96	14.82 1.38 -0.13	20.66 2.00 -0.30	26.42 2.44 0.00	26.54 2.24 -1.34	28.49 2.56 0.00	28.53 2.40 -2.17	28.00 2.49 0.00	24.53 2.09 -2.30	31.03 2.92 0.00	26.20 2.48 0.00	30.22 2.74 0.00	32.64 2.88 0.00	38.06 3.28 0.00	51.68 4.58 0.00	42.49 3.94 0.00	53.95 4.79 0.00	68.23 5.10 0.00	25.09 2.09 0.00	17.13 1.58 0.00
HOMER_HL_115KV_TB2 355744	14.31 -0.26 0.00	6.49 -0.06 -1.29	8.23 -0.12 -0.67	4.46 -0.02 -1.01	3.71 -0.02 -1.93	13.10 -0.25 -0.03	17.81 -0.61 -0.06	23.08 -0.90 0.00	22.28 -0.93 -0.26	25.00 -0.93 0.00	23.31 -1.07 -0.42	24.59 -0.91 0.00	19.83 -0.76 -0.44	27.69 -0.42 0.00	23.22 -0.50 0.00	27.18 -0.31 0.00	29.31 -0.45 0.00	33.85 -0.93 0.00	45.72 -1.37 0.00	37.63 -0.92 0.00	48.38 -0.78 0.00	62.29 -0.84 0.00	22.67 -0.34 0.00	15.58 0.02 0.00
HOWARD_WT_PWR 323690	13.57 -1.01 0.00	6.75 -0.14 -1.63	8.16 -0.36 -0.84	4.61 -0.13 -1.27	4.18 -0.06 -2.43	12.48 -0.87 -0.03	17.40 -1.03 -0.07	22.71 -1.27 0.00	21.97 -1.31 -0.33	24.42 -1.51 0.00	23.22 -1.26 -0.53	23.98 -1.52 0.00	19.39 -1.32 -0.56	26.27 -1.84 0.00	22.22 -1.51 0.00	25.98 -1.51 0.00	28.20 -1.56 0.00	33.04 -1.74 0.00	45.09 -2.01 0.00	37.20 -1.34 0.00	47.47 -1.69 0.00	60.56 -2.57 0.00	22.02 -0.99 0.00	15.14 -0.41 0.00
HQ_GEN_CEDARS 23644	14.43 -0.15 0.00	5.14 -0.11 0.00	7.51 -0.16 0.00	-10.49 -0.09 13.87	-5.86 -0.04 7.63	12.96 -0.36 0.00	18.02 -0.34 0.00	23.87 -0.36 -0.24	23.85 -0.39 -1.29	27.44 -0.43 -1.93	-7.22 -0.42 30.76	0.75 -0.33 24.42	-8.97 -0.27 28.85	29.87 -0.38 -2.14	25.46 -0.30 -2.04	29.27 -0.36 -2.15	31.73 -0.30 -2.27	36.98 -0.34 -2.53	49.71 -0.46 -3.08	40.83 -0.31 -2.60	51.84 -0.37 -3.05	66.03 -0.42 -3.32	24.98 -0.01 -1.98	16.94 -0.28 -1.66
HQ_GEN_CEDARS_PROXY 323590	14.43 -0.15 0.00	5.14 -0.11 0.00	7.51 -0.16 0.00	-10.49 -0.09 13.87	-5.86 -0.04 7.63	12.96 -0.36 0.00	18.02 -0.34 0.00	23.87 -0.36 -0.24	23.86 -0.39 -1.29	27.44 -0.43 -1.93	-7.22 -0.42 30.76	0.74 -0.33 24.42	-8.98 -0.28 28.85	29.87 -0.38 -2.14	25.46 -0.30 -2.04	29.27 -0.36 -2.15	31.73 -0.31 -2.27	36.98 -0.34 -2.53	49.71 -0.46 -3.08	40.83 -0.32 -2.60	51.84 -0.37 -3.05	66.03 -0.42 -3.32	24.98 -0.01 -1.98	14.38 -0.28 0.89

HQ_GEN_IMPORT 323601	14.43 -0.15 0.00	5.16 -0.09 0.00	7.54 -0.14 0.00	-0.19 -0.07 3.59	-0.20 -0.04 1.97	13.05 -0.27 0.00	18.02 -0.34 0.00	23.61 -0.37 0.00	22.57 -0.38 0.00	25.51 -0.42 0.00	15.46 -0.41 8.09	18.55 -0.41 6.54	12.24 -0.33 7.58	27.65 -0.46 0.00	23.34 -0.38 0.00	27.07 -0.41 0.00	29.34 -0.42 0.00	34.29 -0.49 0.00	46.48 -0.62 0.00	35.76 -0.51 2.27	48.82 -0.65 -0.32	62.35 -0.78 0.00	22.78 -0.23 0.00	15.11 -0.26 0.18
HQ_GEN_WHEEL 23651	14.43 -0.15 0.00	5.16 -0.09 0.00	7.54 -0.14 0.00	-0.19 -0.07 3.59	-0.20 -0.04 1.97	13.05 -0.27 0.00	18.02 -0.34 0.00	23.61 -0.37 0.00	22.57 -0.38 0.00	25.51 -0.42 0.00	15.46 -0.41 8.09	18.55 -0.41 6.54	12.24 -0.33 7.58	27.65 -0.46 0.00	23.34 -0.38 0.00	27.07 -0.41 0.00	29.34 -0.42 0.00	34.29 -0.49 0.00	46.48 -0.62 0.00	35.76 -0.51 2.27	48.82 -0.65 -0.32	62.35 -0.78 0.00	22.78 -0.23 0.00	15.11 -0.26 0.18
HUDSON AVE_GT_3 23810	15.63 1.05 0.00	12.39 0.43 -6.70	11.78 0.63 -3.47	8.99 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.19 1.54 -0.30	25.88 1.90 0.00	26.24 1.95 -1.34	28.13 2.20 0.00	28.24 2.11 -2.17	27.74 2.24 0.00	24.26 1.82 -2.30	30.66 2.55 0.00	25.88 2.15 0.00	29.85 2.36 0.00	32.20 2.44 0.00	37.61 2.82 0.00	50.78 3.69 0.00	41.59 3.05 0.00	52.85 3.69 0.00	67.36 4.22 0.00	24.57 1.56 0.00	16.83 1.27 0.00
HUDSON AVE_GT_4 23540	15.63 1.05 0.00	12.39 0.43 -6.70	11.78 0.63 -3.47	8.99 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.19 1.54 -0.30	25.88 1.90 0.00	26.24 1.95 -1.34	28.13 2.20 0.00	28.24 2.11 -2.17	27.74 2.24 0.00	24.26 1.82 -2.30	30.66 2.55 0.00	25.88 2.15 0.00	29.85 2.36 0.00	32.20 2.44 0.00	37.61 2.82 0.00	50.78 3.69 0.00	41.59 3.05 0.00	52.85 3.69 0.00	67.36 4.22 0.00	24.57 1.56 0.00	16.83 1.27 0.00
HUDSON AVE_GT_5 23657	15.63 1.05 0.00	12.39 0.43 -6.70	11.78 0.63 -3.47	8.99 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.19 1.54 -0.30	25.88 1.90 0.00	26.24 1.95 -1.34	28.13 2.20 0.00	28.24 2.11 -2.17	27.74 2.24 0.00	24.26 1.82 -2.30	30.66 2.55 0.00	25.88 2.15 0.00	29.85 2.36 0.00	32.20 2.44 0.00	37.61 2.82 0.00	50.78 3.69 0.00	41.59 3.05 0.00	52.85 3.69 0.00	67.36 4.22 0.00	24.57 1.56 0.00	16.83 1.27 0.00
HUDSON_AVE_10 24168	15.60 1.02 0.00	12.38 0.42 -6.70	11.76 0.62 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.57 1.13 -0.13	20.14 1.49 -0.30	25.83 1.85 0.00	26.19 1.89 -1.34	28.06 2.13 0.00	28.17 2.05 -2.17	27.68 2.18 0.00	24.21 1.77 -2.30	30.59 2.48 0.00	25.82 2.10 0.00	29.77 2.28 0.00	32.11 2.35 0.00	37.52 2.73 0.00	50.66 3.57 0.00	41.49 2.95 0.00	52.72 3.56 0.00	67.20 4.07 0.00	24.50 1.49 0.00	16.79 1.23 0.00
HUDSON___115KV_TB 4 355613	15.30 0.72 0.00	13.59 0.31 -8.03	12.27 0.44 -4.16	9.93 0.20 -6.26	13.86 0.11 -11.94	14.23 0.76 -0.15	19.70 0.99 -0.36	25.15 1.16 0.00	25.74 1.17 -1.61	27.19 1.26 0.00	27.75 1.20 -2.60	26.82 1.32 0.00	23.93 1.02 -2.75	29.57 1.46 0.00	25.00 1.27 0.00	28.92 1.43 0.00	31.35 1.59 0.00	36.74 1.96 0.00	49.71 2.61 0.00	40.63 2.08 0.00	51.73 2.57 0.00	66.22 3.09 0.00	24.09 1.08 0.00	16.36 0.80 0.00
HUNTER MOUNT___DRP 323613	15.35 0.77 0.00	13.39 0.32 -7.81	12.18 0.46 -4.05	9.77 0.21 -6.09	13.54 0.11 -11.62	14.28 0.82 -0.15	19.77 1.07 -0.35	25.28 1.31 0.00	25.82 1.31 -1.57	27.33 1.40 0.00	27.79 1.30 -2.53	26.95 1.45 0.00	23.94 1.12 -2.68	29.72 1.61 0.00	25.14 1.41 0.00	29.08 1.60 0.00	31.51 1.75 0.00	36.93 2.15 0.00	49.98 2.89 0.00	40.83 2.28 0.00	51.97 2.81 0.00	66.54 3.41 0.00	24.17 1.16 0.00	16.39 0.84 0.00
HUNTINGTON_RES_REC 323705	15.72 1.14 0.00	12.44 0.49 -6.69	11.85 0.71 -3.47	9.02 0.33 -5.22	11.93 0.16 -9.96	14.71 1.27 -0.13	20.50 1.84 -0.30	26.24 2.26 0.00	26.40 2.10 -1.34	28.35 2.42 0.00	28.44 2.31 -2.17	27.91 2.41 0.00	24.46 2.02 -2.30	30.93 2.82 0.00	26.13 2.40 0.00	30.14 2.66 0.00	32.55 2.79 0.00	37.92 3.13 0.00	51.40 4.31 0.00	42.24 3.70 0.00	53.67 4.51 0.00	67.93 4.80 0.00	24.97 1.96 0.00	17.05 1.49 0.00
HUNTLEY___63 23557	13.50 -1.08 0.00	5.96 -0.37 -1.08	7.66 -0.57 -0.56	4.07 -0.24 -0.84	3.29 -0.13 -1.61	12.42 -0.92 -0.02	16.94 -1.47 -0.05	21.94 -2.04 0.00	21.11 -2.06 -0.22	23.79 -2.14 0.00	21.84 -2.47 -0.35	22.83 -2.68 0.00	18.46 -2.06 -0.37	25.69 -2.42 0.00	21.62 -2.11 0.00	25.30 -2.18 0.00	27.45 -2.32 0.00	31.87 -2.91 0.00	43.43 -3.67 0.00	35.65 -2.89 0.00	45.81 -3.35 0.00	58.62 -4.51 0.00	21.33 -1.68 0.00	14.67 -0.88 0.00
HUNTLEY___64 23558	13.50 -1.08 0.00	5.96 -0.37 -1.08	7.66 -0.57 -0.56	4.07 -0.24 -0.84	3.29 -0.13 -1.61	12.42 -0.92 -0.02	16.94 -1.47 -0.05	21.94 -2.04 0.00	21.11 -2.06 -0.22	23.79 -2.14 0.00	21.84 -2.47 -0.35	22.83 -2.68 0.00	18.46 -2.06 -0.37	25.69 -2.42 0.00	21.62 -2.11 0.00	25.30 -2.18 0.00	27.45 -2.32 0.00	31.87 -2.91 0.00	43.43 -3.67 0.00	35.65 -2.89 0.00	45.81 -3.35 0.00	58.62 -4.51 0.00	21.33 -1.68 0.00	14.67 -0.88 0.00
HUNTLEY___65 23559	13.50 -1.08 0.00	5.96 -0.37 -1.08	7.66 -0.57 -0.56	4.07 -0.24 -0.84	3.29 -0.13 -1.61	12.42 -0.92 -0.02	16.94 -1.47 -0.05	21.94 -2.04 0.00	21.11 -2.06 -0.22	23.79 -2.14 0.00	21.84 -2.47 -0.35	22.83 -2.68 0.00	18.46 -2.06 -0.37	25.69 -2.42 0.00	21.62 -2.11 0.00	25.30 -2.18 0.00	27.45 -2.32 0.00	31.87 -2.91 0.00	43.43 -3.67 0.00	35.65 -2.89 0.00	45.81 -3.35 0.00	58.62 -4.51 0.00	21.33 -1.68 0.00	14.67 -0.88 0.00
HUNTLEY___66 23560	13.50 -1.08 0.00	5.96 -0.37 -1.08	7.66 -0.57 -0.56	4.07 -0.24 -0.84	3.29 -0.13 -1.61	12.42 -0.92 -0.02	16.94 -1.47 -0.05	21.94 -2.04 0.00	21.11 -2.06 -0.22	23.79 -2.14 0.00	21.84 -2.47 -0.35	22.83 -2.68 0.00	18.46 -2.06 -0.37	25.69 -2.42 0.00	21.62 -2.11 0.00	25.30 -2.18 0.00	27.45 -2.32 0.00	31.87 -2.91 0.00	43.43 -3.67 0.00	35.65 -2.89 0.00	45.81 -3.35 0.00	58.62 -4.51 0.00	21.33 -1.68 0.00	14.67 -0.88 0.00
HUNTLEY___67 23561	13.39 -1.18 0.00	5.94 -0.41 -1.09	7.62 -0.62 -0.57	4.06 -0.26 -0.85	3.30 -0.14 -1.63	12.32 -1.01 -0.02	16.83 -1.57 -0.05	21.83 -2.16 0.00	21.04 -2.13 -0.22	23.68 -2.25 0.00	21.78 -2.53 -0.35	22.79 -2.71 0.00	18.42 -2.10 -0.37	25.60 -2.52 0.00	21.52 -2.20 0.00	25.20 -2.29 0.00	27.32 -2.44 0.00	31.72 -3.07 0.00	43.20 -3.89 0.00	35.48 -3.06 0.00	45.57 -3.59 0.00	58.35 -4.78 0.00	21.25 -1.76 0.00	14.60 -0.96 0.00
HUNTLEY___68 23562	13.39 -1.18 0.00	5.94 -0.41 -1.09	7.62 -0.62 -0.57	4.06 -0.26 -0.85	3.30 -0.14 -1.63	12.32 -1.01 -0.02	16.83 -1.57 -0.05	21.83 -2.16 0.00	21.04 -2.13 -0.22	23.68 -2.25 0.00	21.78 -2.53 -0.35	22.79 -2.71 0.00	18.42 -2.10 -0.37	25.60 -2.52 0.00	21.52 -2.20 0.00	25.20 -2.29 0.00	27.32 -2.44 0.00	31.72 -3.07 0.00	43.20 -3.89 0.00	35.48 -3.06 0.00	45.57 -3.59 0.00	58.35 -4.78 0.00	21.25 -1.76 0.00	14.60 -0.96 0.00

HYLAND___LFGE 323620	14.29 -0.29 0.00	6.62 -0.03 -1.39	8.29 -0.11 -0.72	4.53 -0.03 -1.08	3.87 -0.01 -2.07	13.19 -0.15 -0.03	18.32 -0.10 -0.06	23.96 -0.02 0.00	23.14 -0.10 -0.28	25.84 -0.09 0.00	23.89 -0.52 -0.45	24.78 -0.73 0.00	19.83 -0.80 -0.48	27.28 -0.83 0.00	23.37 -0.35 0.00	27.48 0.00 0.00	29.89 0.13 0.00	35.18 0.39 0.00	48.00 0.91 0.00	39.46 0.92 0.00	50.42 1.26 0.00	64.41 1.29 0.00	23.24 0.22 0.00	15.85 0.29 0.00
INDECK___CORINTH 23802	15.22 0.65 0.00	14.07 0.27 -8.54	12.49 0.39 -4.42	10.31 0.17 -6.66	14.61 0.09 -12.71	14.21 0.73 -0.16	19.85 1.10 -0.38	25.39 1.41 0.00	26.01 1.35 -1.71	27.38 1.46 0.00	28.14 1.41 -2.77	27.06 1.56 0.00	24.36 1.28 -2.93	30.05 1.94 0.00	25.32 1.59 0.00	29.31 1.83 0.00	31.57 1.81 0.00	36.94 2.16 0.00	50.05 2.95 0.00	40.97 2.42 0.00	51.86 2.70 0.00	66.29 3.16 0.00	24.07 1.07 0.00	16.28 0.72 0.00
INDECK___ILION 23567	14.78 0.21 0.00	5.37 0.11 0.00	7.83 0.15 0.00	4.27 0.07 -0.74	2.25 0.04 -0.40	13.57 0.26 0.00	18.71 0.35 0.00	24.40 0.42 0.00	23.36 0.41 0.00	26.35 0.43 0.00	26.06 0.44 -1.66	27.35 0.51 -1.34	22.08 0.37 -1.55	28.68 0.57 0.00	24.18 0.46 0.00	27.99 0.50 0.00	30.22 0.46 0.00	35.27 0.49 0.00	47.63 0.53 0.00	39.08 0.53 0.00	49.87 0.71 0.00	63.90 0.77 0.00	23.26 0.25 0.00	15.80 0.24 0.00
INDECK___OLEAN 23982	14.32 -0.26 0.00	6.49 -0.06 -1.29	8.23 -0.11 -0.67	4.46 -0.02 -1.01	3.71 -0.02 -1.93	13.10 -0.25 -0.03	17.81 -0.61 -0.06	23.08 -0.90 0.00	22.29 -0.93 -0.26	25.01 -0.92 0.00	23.32 -1.06 -0.42	24.59 -0.91 0.00	19.84 -0.75 -0.44	27.70 -0.41 0.00	23.24 -0.49 0.00	27.20 -0.29 0.00	29.34 -0.43 0.00	33.87 -0.91 0.00	45.72 -1.37 0.00	37.64 -0.91 0.00	48.39 -0.77 0.00	62.29 -0.84 0.00	22.68 -0.33 0.00	15.59 0.04 0.00
INDECK___OSWEGO 23783	14.07 -0.50 0.00	5.74 -0.16 -0.65	7.77 -0.24 -0.34	3.45 -0.10 -0.09	2.49 -0.05 -0.73	12.93 -0.40 -0.01	17.84 -0.55 -0.03	23.27 -0.72 0.00	22.38 -0.70 -0.13	25.15 -0.78 0.00	22.49 -0.75 0.72	23.93 -0.82 0.75	18.80 -0.69 0.65	27.08 -1.03 0.00	22.86 -0.87 0.00	26.53 -0.95 0.00	28.83 -0.93 0.00	33.76 -1.02 0.00	45.71 -1.38 0.00	37.44 -1.10 0.00	47.82 -1.35 0.00	61.64 -1.48 0.00	22.41 -0.60 0.00	15.15 -0.40 0.00
INDECK___YERKES 23781	13.51 -1.06 0.00	5.97 -0.37 -1.08	7.67 -0.57 -0.56	4.08 -0.23 -0.84	3.30 -0.12 -1.61	12.44 -0.90 -0.02	16.96 -1.45 -0.05	21.97 -2.01 0.00	21.14 -2.03 -0.22	23.84 -2.09 0.00	21.87 -2.44 -0.35	22.86 -2.65 0.00	18.50 -2.02 -0.37	25.74 -2.37 0.00	21.66 -2.06 0.00	25.36 -2.12 0.00	27.51 -2.25 0.00	31.94 -2.85 0.00	43.50 -3.59 0.00	35.71 -2.84 0.00	45.89 -3.27 0.00	58.71 -4.42 0.00	21.37 -1.64 0.00	14.71 -0.85 0.00
INDIAN POINT_GT_1 24139	15.50 0.93 0.00	12.24 0.38 -6.61	11.66 0.56 -3.42	8.89 0.27 -5.15	11.77 0.14 -9.83	14.46 1.02 -0.13	20.06 1.41 -0.30	25.72 1.74 0.00	26.02 1.75 -1.33	27.90 1.97 0.00	27.99 1.89 -2.14	27.50 2.00 0.00	24.03 1.62 -2.26	30.37 2.27 0.00	25.65 1.92 0.00	29.61 2.12 0.00	31.97 2.21 0.00	37.37 2.59 0.00	50.47 3.37 0.00	41.30 2.75 0.00	52.53 3.37 0.00	67.03 3.90 0.00	24.43 1.43 0.00	16.69 1.13 0.00
INDIAN POINT_GT_2 23659	15.50 0.93 0.00	12.24 0.38 -6.61	11.66 0.56 -3.42	8.89 0.27 -5.15	11.77 0.14 -9.83	14.46 1.02 -0.13	20.06 1.41 -0.30	25.72 1.74 0.00	26.02 1.75 -1.33	27.90 1.97 0.00	27.99 1.89 -2.14	27.50 2.00 0.00	24.03 1.62 -2.26	30.37 2.27 0.00	25.65 1.92 0.00	29.61 2.12 0.00	31.97 2.21 0.00	37.37 2.59 0.00	50.47 3.37 0.00	41.30 2.75 0.00	52.53 3.37 0.00	67.03 3.90 0.00	24.43 1.43 0.00	16.69 1.13 0.00
INDIAN POINT_GT_3 24019	15.50 0.93 0.00	12.24 0.38 -6.61	11.66 0.56 -3.42	8.89 0.27 -5.15	11.77 0.14 -9.83	14.46 1.02 -0.13	20.06 1.41 -0.30	25.72 1.74 0.00	26.02 1.75 -1.33	27.90 1.97 0.00	27.99 1.89 -2.14	27.50 2.00 0.00	24.03 1.62 -2.26	30.37 2.27 0.00	25.65 1.92 0.00	29.61 2.12 0.00	31.97 2.21 0.00	37.37 2.59 0.00	50.47 3.37 0.00	41.30 2.75 0.00	52.53 3.37 0.00	67.03 3.90 0.00	24.43 1.43 0.00	16.69 1.13 0.00
INDIAN POINT___2 23530	15.49 0.91 0.00	12.18 0.38 -6.54	11.63 0.56 -3.39	8.84 0.26 -5.10	11.68 0.14 -9.74	14.45 1.01 -0.12	20.04 1.39 -0.29	25.70 1.72 0.00	26.00 1.73 -1.31	27.87 1.95 0.00	27.95 1.87 -2.12	27.47 1.97 0.00	23.99 1.60 -2.24	30.34 2.23 0.00	25.62 1.89 0.00	29.58 2.10 0.00	31.94 2.18 0.00	37.35 2.56 0.00	50.42 3.33 0.00	41.25 2.71 0.00	52.48 3.32 0.00	66.97 3.84 0.00	24.42 1.41 0.00	16.67 1.12 0.00
INDIAN POINT___3 23531	15.50 0.92 0.00	12.26 0.38 -6.62	11.67 0.56 -3.43	8.90 0.26 -5.17	11.80 0.14 -9.85	14.46 1.02 -0.13	20.04 1.39 -0.30	25.70 1.72 0.00	26.02 1.73 -1.33	27.88 1.95 0.00	27.97 1.87 -2.14	27.48 1.98 0.00	24.02 1.60 -2.27	30.35 2.24 0.00	25.62 1.90 0.00	29.58 2.10 0.00	31.95 2.19 0.00	37.34 2.56 0.00	50.42 3.33 0.00	41.26 2.72 0.00	52.49 3.33 0.00	66.97 3.84 0.00	24.42 1.41 0.00	16.67 1.12 0.00
INGHAM_C_115KV_TB7 356103	14.85 0.27 0.00	5.42 0.17 0.00	7.90 0.23 0.00	4.30 0.10 -0.74	2.27 0.05 -0.40	13.67 0.36 0.00	18.86 0.50 0.00	24.56 0.58 0.00	23.50 0.55 0.00	26.49 0.56 0.00	26.22 0.60 -1.66	27.58 0.73 -1.34	22.22 0.52 -1.55	28.92 0.81 0.00	24.36 0.63 0.00	28.18 0.70 0.00	30.32 0.56 0.00	35.27 0.49 0.00	47.43 0.33 0.00	38.93 0.39 0.00	49.73 0.57 0.00	63.61 0.48 0.00	23.14 0.13 0.00	15.81 0.25 0.00
IP CORINTH___1 23988	15.22 0.65 0.00	14.07 0.27 -8.54	12.49 0.39 -4.42	10.31 0.17 -6.66	14.61 0.09 -12.71	14.21 0.73 -0.16	19.85 1.11 -0.38	25.39 1.41 0.00	26.01 1.35 -1.71	27.39 1.46 0.00	28.14 1.41 -2.77	27.06 1.56 0.00	24.36 1.28 -2.93	30.05 1.94 0.00	25.32 1.59 0.00	29.31 1.83 0.00	31.57 1.81 0.00	36.94 2.15 0.00	50.04 2.95 0.00	40.96 2.42 0.00	51.86 2.70 0.00	66.29 3.16 0.00	24.07 1.07 0.00	16.28 0.72 0.00
IP___TICONDEROGA 23804	15.53 0.96 0.00	14.20 0.42 -8.53	12.66 0.57 -4.42	10.36 0.24 -6.65	14.63 0.13 -12.69	14.55 1.08 -0.16	20.50 1.76 -0.38	26.29 2.30 0.00	26.74 2.07 -1.71	28.18 2.25 0.00	28.96 2.24 -2.76	27.87 2.36 0.00	25.09 2.01 -2.92	30.97 2.86 0.00	26.00 2.28 0.00	30.08 2.60 0.00	32.66 2.90 0.00	38.22 3.43 0.00	52.05 4.95 0.00	42.76 4.21 0.00	53.37 4.21 0.00	68.13 5.00 0.00	24.73 1.72 0.00	16.68 1.12 0.00
ISLIP_RES_REC 323679	15.87 1.29 0.00	12.50 0.55 -6.69	11.94 0.80 -3.47	9.06 0.37 -5.22	11.96 0.19 -9.96	14.88 1.44 -0.13	20.74 2.08 -0.30	26.53 2.55 0.00	26.65 2.36 -1.34	28.62 2.69 0.00	28.65 2.53 -2.17	28.13 2.62 0.00	24.63 2.19 -2.30	31.17 3.06 0.00	26.32 2.60 0.00	30.36 2.88 0.00	32.79 3.03 0.00	38.25 3.46 0.00	51.92 4.83 0.00	42.69 4.14 0.00	54.19 5.03 0.00	68.50 5.37 0.00	25.19 2.18 0.00	17.19 1.63 0.00

JAMAICA__27_KV_LOAD 355505	15.70 1.12 0.00	12.43 0.47 -6.70	11.84 0.69 -3.47	9.01 0.32 -5.23	11.94 0.17 -9.97	14.71 1.26 -0.13	20.26 1.60 -0.30	26.00 2.02 0.00	26.36 2.07 -1.34	28.23 2.30 0.00	28.32 2.20 -2.17	27.87 2.36 0.00	24.36 1.91 -2.30	30.81 2.70 0.00	26.03 2.30 0.00	29.98 2.49 0.00	32.32 2.56 0.00	37.80 3.01 0.00	51.00 3.90 0.00	41.81 3.27 0.00	53.09 3.93 0.00	67.75 4.62 0.00	24.63 1.62 0.00	16.91 1.36 0.00
JANIS__SOLAR 323808	14.82 0.25 0.00	7.38 0.13 -1.99	8.83 0.13 -1.03	5.09 0.07 -1.55	4.81 0.04 -2.96	13.63 0.28 -0.04	18.91 0.47 -0.09	24.65 0.67 0.00	23.82 0.47 -0.40	26.53 0.60 0.00	25.19 0.59 -0.64	26.07 0.57 0.00	21.27 0.44 -0.68	28.84 0.73 0.00	24.29 0.56 0.00	28.09 0.60 0.00	30.58 0.82 0.00	35.86 1.08 0.00	48.55 1.46 0.00	39.95 1.41 0.00	51.43 2.27 0.00	65.82 2.69 0.00	23.78 0.77 0.00	16.14 0.58 0.00
JARVIS____ 23743	14.70 0.12 0.00	5.32 0.06 0.00	7.76 0.09 0.00	4.24 0.04 -0.74	2.24 0.02 -0.40	13.47 0.16 0.00	18.56 0.20 0.00	24.22 0.24 0.00	23.18 0.22 0.00	26.16 0.23 0.00	25.86 0.24 -1.66	27.10 0.25 -1.34	21.90 0.20 -1.55	28.42 0.31 0.00	23.99 0.26 0.00	27.76 0.28 0.00	30.05 0.29 0.00	35.11 0.33 0.00	47.51 0.42 0.00	38.96 0.41 0.00	49.70 0.54 0.00	63.77 0.64 0.00	23.23 0.22 0.00	15.73 0.17 0.00
JENNISON____1 23625	14.73 0.15 0.00	7.90 0.17 -2.48	9.07 0.11 -1.28	5.47 0.07 -1.93	5.56 0.06 -3.69	13.51 0.15 -0.05	18.72 0.25 -0.11	24.37 0.38 0.00	23.58 0.13 -0.50	26.27 0.34 0.00	25.12 0.35 -0.80	25.86 0.35 0.00	21.27 0.27 -0.85	28.51 0.40 0.00	24.04 0.31 0.00	27.79 0.31 0.00	30.13 0.37 0.00	35.35 0.56 0.00	47.76 0.67 0.00	39.26 0.71 0.00	50.44 1.28 0.00	64.56 1.43 0.00	23.50 0.49 0.00	16.10 0.55 0.00
JENNISON____2 23626	14.73 0.15 0.00	7.90 0.17 -2.48	9.07 0.11 -1.28	5.47 0.07 -1.93	5.56 0.06 -3.69	13.51 0.15 -0.05	18.72 0.25 -0.11	24.37 0.38 0.00	23.58 0.13 -0.50	26.27 0.34 0.00	25.12 0.35 -0.80	25.86 0.35 0.00	21.27 0.27 -0.85	28.51 0.40 0.00	24.04 0.31 0.00	27.79 0.31 0.00	30.13 0.37 0.00	35.35 0.56 0.00	47.76 0.67 0.00	39.26 0.71 0.00	50.44 1.28 0.00	64.56 1.43 0.00	23.50 0.49 0.00	16.10 0.55 0.00
JERICOHO_RISE_WT_PWR 323719	14.29 -0.29 0.00	5.12 -0.13 0.00	7.46 -0.21 0.00	-10.97 -0.16 14.28	-6.12 -0.08 7.85	12.54 -0.78 0.00	17.51 -0.84 0.00	17.00 -1.10 5.88	-9.34 -1.20 31.10	-22.02 -1.38 46.57	-21.27 -1.25 43.98	-21.95 -1.24 46.21	-21.69 -1.01 40.83	-25.02 -1.43 51.70	-26.54 -1.17 49.09	-25.64 -1.36 51.76	-26.49 -1.46 54.79	-27.97 -1.64 61.12	-28.80 -2.11 73.77	-25.75 -1.75 62.54	-26.29 -2.24 73.21	-19.24 -2.70 79.66	-25.29 -0.83 47.47	-24.97 -0.77 39.76
KATONAH__115KV_46KV_TB4 355592	15.57 0.99 0.00	12.48 0.40 -6.82	11.80 0.59 -3.53	9.06 0.28 -5.32	12.10 0.14 -10.14	14.52 1.07 -0.13	20.15 1.49 -0.31	25.83 1.85 0.00	26.18 1.86 -1.37	28.02 2.09 0.00	28.18 2.01 -2.21	27.64 2.13 0.00	24.21 1.73 -2.34	30.53 2.42 0.00	25.77 2.04 0.00	29.75 2.26 0.00	32.13 2.36 0.00	37.56 2.77 0.00	50.74 3.65 0.00	41.53 2.98 0.00	52.80 3.64 0.00	67.33 4.20 0.00	24.54 1.53 0.00	16.76 1.20 0.00
KCE_NY_1 323755	15.32 0.75 0.00	14.08 0.30 -8.52	12.53 0.44 -4.41	10.31 0.20 -6.64	14.59 0.11 -12.67	14.29 0.81 -0.16	19.88 1.14 -0.38	25.40 1.42 0.00	26.03 1.37 -1.71	27.39 1.46 0.00	28.14 1.42 -2.76	27.06 1.55 0.00	24.32 1.26 -2.92	29.92 1.81 0.00	25.22 1.49 0.00	29.21 1.73 0.00	31.52 1.76 0.00	36.83 2.05 0.00	49.83 2.74 0.00	40.78 2.24 0.00	51.87 2.71 0.00	66.50 3.37 0.00	24.12 1.12 0.00	16.35 0.80 0.00
KCE_NY_6_ESR 323823	13.55 -1.02 0.00	6.03 -0.36 -1.13	7.71 -0.55 -0.59	4.12 -0.22 -0.88	3.37 -0.12 -1.68	12.47 -0.87 -0.02	17.05 -1.35 -0.05	22.12 -1.86 0.00	21.33 -1.85 -0.23	24.03 -1.90 0.00	22.11 -2.22 -0.36	23.13 -2.37 0.00	18.72 -1.81 -0.39	26.04 -2.06 0.00	21.88 -1.85 0.00	25.63 -1.85 0.00	27.82 -1.95 0.00	32.28 -2.51 0.00	43.90 -3.19 0.00	36.09 -2.46 0.00	46.33 -2.83 0.00	59.29 -3.84 0.00	21.58 -1.43 0.00	14.81 -0.75 0.00
KEDC_PORT_JEFF_GT2 24210	15.76 1.19 0.00	12.46 0.51 -6.69	11.89 0.75 -3.47	9.04 0.35 -5.22	11.94 0.17 -9.96	14.80 1.35 -0.13	20.62 1.96 -0.30	26.38 2.40 0.00	26.49 2.20 -1.34	28.44 2.51 0.00	28.50 2.37 -2.17	27.95 2.45 0.00	24.50 2.06 -2.30	30.98 2.87 0.00	26.16 2.44 0.00	30.17 2.69 0.00	32.58 2.82 0.00	37.96 3.17 0.00	51.52 4.43 0.00	42.41 3.87 0.00	53.86 4.70 0.00	68.13 5.00 0.00	25.05 2.05 0.00	17.11 1.56 0.00
KEDC_PORT_JEFF_GT3 24211	15.76 1.19 0.00	12.46 0.51 -6.69	11.89 0.75 -3.47	9.04 0.35 -5.22	11.94 0.17 -9.96	14.80 1.35 -0.13	20.62 1.96 -0.30	26.38 2.40 0.00	26.49 2.20 -1.34	28.44 2.51 0.00	28.50 2.37 -2.17	27.95 2.45 0.00	24.50 2.06 -2.30	30.98 2.87 0.00	26.16 2.44 0.00	30.17 2.69 0.00	32.58 2.82 0.00	37.96 3.17 0.00	51.52 4.43 0.00	42.41 3.87 0.00	53.86 4.70 0.00	68.13 5.00 0.00	25.05 2.05 0.00	17.11 1.56 0.00
KEDC_GLWD_GT4 24219	15.73 1.16 0.00	12.43 0.48 -6.69	11.84 0.70 -3.47	9.02 0.32 -5.22	11.93 0.16 -9.96	14.70 1.26 -0.13	20.46 1.80 -0.30	26.22 2.23 0.00	26.46 2.16 -1.34	28.42 2.49 0.00	28.53 2.41 -2.17	28.04 2.53 0.00	24.54 2.10 -2.30	31.03 2.92 0.00	26.22 2.50 0.00	30.25 2.77 0.00	32.66 2.90 0.00	37.93 3.14 0.00	51.35 4.26 0.00	42.23 3.69 0.00	53.69 4.53 0.00	68.13 5.00 0.00	24.95 1.94 0.00	17.04 1.48 0.00
KEDC_GLWD_GT5 24220	15.73 1.16 0.00	12.43 0.48 -6.69	11.84 0.70 -3.47	9.02 0.32 -5.22	11.93 0.16 -9.96	14.70 1.26 -0.13	20.46 1.80 -0.30	26.22 2.23 0.00	26.46 2.16 -1.34	28.42 2.49 0.00	28.53 2.41 -2.17	28.04 2.53 0.00	24.54 2.10 -2.30	31.03 2.92 0.00	26.22 2.50 0.00	30.25 2.77 0.00	32.66 2.90 0.00	37.93 3.14 0.00	51.35 4.26 0.00	42.23 3.69 0.00	53.69 4.53 0.00	68.13 5.00 0.00	24.95 1.94 0.00	17.04 1.48 0.00
KENSICO____ 23655	15.54 0.96 0.00	12.33 0.39 -6.68	11.72 0.58 -3.46	8.95 0.27 -5.21	11.88 0.14 -9.93	14.50 1.05 -0.13	20.10 1.44 -0.30	25.77 1.79 0.00	26.09 1.80 -1.34	27.97 2.04 0.00	28.08 1.96 -2.16	27.57 2.06 0.00	24.11 1.68 -2.29	30.46 2.35 0.00	25.71 1.98 0.00	29.68 2.20 0.00	32.04 2.28 0.00	37.44 2.65 0.00	50.57 3.47 0.00	41.39 2.85 0.00	52.64 3.48 0.00	67.14 4.01 0.00	24.48 1.48 0.00	16.73 1.17 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	15.54 0.96 0.00	11.99 0.38 -6.35	11.54 0.57 -3.29	8.69 0.27 -4.96	11.40 0.14 -9.45	14.49 1.05 -0.12	20.13 1.49 -0.28	25.87 1.89 0.00	26.13 1.90 -1.28	28.11 2.18 0.00	28.11 2.09 -2.06	27.66 2.16 0.00	23.86 1.53 -2.18	30.30 2.20 0.00	25.57 1.85 0.00	29.53 2.05 0.00	31.90 2.14 0.00	37.32 2.54 0.00	50.43 3.34 0.00	41.30 2.76 0.00	52.92 3.76 0.00	67.51 4.38 0.00	24.57 1.56 0.00	16.76 1.21 0.00

KIAC_JFK_GT1 23816	15.65 1.08 0.00	12.41 0.45 -6.70	11.81 0.66 -3.47	9.00 0.31 -5.23	11.94 0.16 -9.97	14.66 1.21 -0.13	20.20 1.54 -0.30	25.91 1.93 0.00	26.27 1.97 -1.34	28.13 2.20 0.00	28.24 2.11 -2.17	27.77 2.27 0.00	24.28 1.83 -2.30	30.71 2.60 0.00	25.93 2.21 0.00	29.87 2.39 0.00	32.21 2.45 0.00	37.66 2.88 0.00	50.81 3.72 0.00	41.65 3.11 0.00	52.90 3.74 0.00	67.49 4.36 0.00	24.55 1.55 0.00	16.86 1.31 0.00
KIAC_JFK_GT2 23817	15.65 1.08 0.00	12.41 0.45 -6.70	11.81 0.66 -3.47	9.00 0.31 -5.23	11.94 0.16 -9.97	14.66 1.21 -0.13	20.20 1.54 -0.30	25.91 1.93 0.00	26.27 1.97 -1.34	28.13 2.20 0.00	28.24 2.11 -2.17	27.77 2.27 0.00	24.28 1.83 -2.30	30.71 2.60 0.00	25.93 2.21 0.00	29.87 2.39 0.00	32.21 2.45 0.00	37.66 2.88 0.00	50.81 3.72 0.00	41.65 3.11 0.00	52.90 3.74 0.00	67.49 4.36 0.00	24.55 1.55 0.00	16.86 1.31 0.00
KIAC_JFK____ 323774	15.65 1.08 0.00	12.41 0.45 -6.70	11.81 0.66 -3.47	9.00 0.31 -5.23	11.94 0.16 -9.97	14.66 1.21 -0.13	20.20 1.54 -0.30	25.91 1.93 0.00	26.28 1.98 -1.34	28.13 2.20 0.00	28.24 2.11 -2.17	27.77 2.27 0.00	24.28 1.83 -2.30	30.71 2.60 0.00	25.93 2.20 0.00	29.87 2.39 0.00	32.21 2.45 0.00	37.66 2.88 0.00	50.82 3.73 0.00	41.65 3.11 0.00	52.90 3.74 0.00	67.49 4.36 0.00	24.56 1.55 0.00	16.86 1.30 0.00
KINTIGH____ 23543	13.43 -1.14 0.00	5.86 -0.39 -0.99	7.60 -0.59 -0.51	3.99 -0.25 -0.78	3.16 -0.13 -1.48	12.37 -0.96 -0.02	16.92 -1.48 -0.05	21.97 -2.02 0.00	21.17 -1.98 -0.20	23.82 -2.11 0.00	21.96 -2.32 -0.32	23.01 -2.49 0.00	18.55 -1.93 -0.34	25.77 -2.34 0.00	21.68 -2.05 0.00	25.33 -2.15 0.00	27.44 -2.33 0.00	31.87 -2.91 0.00	43.38 -3.71 0.00	35.59 -2.95 0.00	45.68 -3.48 0.00	58.58 -4.55 0.00	21.34 -1.67 0.00	14.63 -0.93 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	14.49 -0.08 0.00	5.21 -0.05 0.00	7.59 -0.08 0.00	-11.13 -0.11 14.49	-6.21 -0.06 7.97	12.69 -0.63 0.00	17.75 -0.61 0.00	17.64 -0.77 5.57	-7.45 -0.96 29.45	-19.23 -1.05 44.10	-20.80 -0.93 43.82	-20.89 -0.87 45.52	-21.29 -0.73 40.70	-21.91 -1.06 48.96	-23.68 -0.92 46.49	-22.58 -1.05 49.02	-23.22 -1.09 51.88	-24.25 -1.16 57.88	-24.28 -1.51 69.86	-21.89 -1.21 59.22	-21.75 -1.58 69.33	-14.16 -1.85 75.44	-22.53 -0.59 44.95	-22.68 -0.58 37.65
LACHUTE____HYDRO 323717	15.53 0.96 0.00	14.20 0.42 -8.53	12.67 0.57 -4.42	10.37 0.24 -6.65	14.63 0.13 -12.69	14.55 1.08 -0.16	20.50 1.76 -0.38	26.29 2.30 0.00	26.73 2.07 -1.71	28.18 2.25 0.00	28.96 2.24 -2.76	27.87 2.36 0.00	25.09 2.02 -2.92	30.97 2.86 0.00	26.00 2.28 0.00	30.08 2.60 0.00	32.66 2.90 0.00	38.22 3.44 0.00	52.05 4.95 0.00	42.76 4.21 0.00	53.37 5.00 0.00	68.13 4.21 0.00	24.73 1.72 0.00	16.68 1.12 0.00
LAWRNCV_115KV_TB1 80681	14.28 -0.29 0.00	5.09 -0.17 0.00	7.43 -0.24 0.00	-8.87 -0.13 12.22	-4.98 -0.07 6.72	12.72 -0.60 0.00	17.68 -0.67 0.00	23.91 -0.77 -0.70	25.87 -0.80 -3.72	30.60 -0.90 -5.58	-2.95 -0.80 26.11	5.07 -0.60 19.84	-4.88 -0.50 24.52	33.62 -0.68 -6.19	29.05 -0.55 -5.88	32.88 -0.80 -6.20	35.58 -0.74 -6.56	41.35 -0.75 -7.32	54.99 -0.97 -8.87	45.28 -0.76 -7.50	57.01 -0.94 -8.78	71.69 -1.00 -9.56	28.58 -0.13 -5.70	19.92 -0.41 -4.77
LEDERLE____ 23769	15.55 0.97 0.00	12.11 0.40 -6.46	11.61 0.59 -3.35	8.79 0.28 -5.04	11.56 0.14 -9.61	14.51 1.07 -0.12	20.13 1.49 -0.29	25.84 1.85 0.00	26.10 1.85 -1.30	28.03 2.10 0.00	28.06 2.00 -2.09	27.61 2.11 0.00	24.06 1.70 -2.21	30.49 2.39 0.00	25.74 2.02 0.00	29.73 2.25 0.00	32.12 2.36 0.00	37.57 2.79 0.00	50.72 3.62 0.00	41.48 2.94 0.00	52.79 3.63 0.00	67.36 4.23 0.00	24.54 1.54 0.00	16.74 1.19 0.00
LIGHTHSE_115KV_TB6 355974	13.97 -0.61 0.00	5.63 -0.22 -0.59	7.68 -0.30 -0.31	2.71 -0.13 0.63	2.01 -0.07 -0.28	12.82 -0.51 -0.01	17.73 -0.66 -0.03	23.13 -0.86 0.00	22.20 -0.87 -0.12	24.95 -0.98 0.00	20.77 -0.92 2.27	22.55 -0.97 1.99	17.21 -0.84 2.10	26.83 -1.28 0.00	22.74 -0.99 0.00	26.41 -1.08 0.00	28.99 -0.77 0.00	34.21 -0.58 0.00	46.36 -0.73 0.00	37.96 -0.58 0.00	48.47 -0.69 0.00	62.38 -0.74 0.00	22.62 -0.38 0.00	15.11 -0.44 0.00
LINDEN COGEN____ 23786	15.55 0.98 0.00	12.36 0.40 -6.70	11.74 0.59 -3.47	8.98 0.28 -5.23	11.92 0.14 -9.97	14.53 1.08 -0.13	20.08 1.43 -0.30	25.73 1.75 0.00	26.09 1.79 -1.34	27.96 2.03 0.00	28.07 1.95 -2.17	27.56 2.06 0.00	24.12 1.67 -2.30	30.45 2.34 0.00	25.70 1.98 0.00	29.64 2.16 0.00	31.97 2.21 0.00	37.35 2.57 0.00	50.46 3.36 0.00	41.29 2.75 0.00	52.47 3.31 0.00	66.89 3.76 0.00	24.42 1.41 0.00	16.72 1.17 0.00
LINDHRST_69_KV_BK1 356055	15.81 1.23 0.00	12.47 0.51 -6.69	11.89 0.75 -3.47	9.04 0.35 -5.22	11.94 0.17 -9.96	14.79 1.35 -0.13	20.60 1.95 -0.30	26.40 2.42 0.00	26.60 2.30 -1.34	28.57 2.64 0.00	28.67 2.54 -2.17	28.14 2.64 0.00	24.64 2.20 -2.30	31.17 3.06 0.00	26.33 2.61 0.00	30.39 2.91 0.00	32.83 3.07 0.00	38.24 3.46 0.00	51.81 4.72 0.00	42.53 3.99 0.00	54.06 4.90 0.00	68.50 5.37 0.00	25.13 2.12 0.00	17.15 1.60 0.00
LIPA_MISC_IPP 23656	15.72 1.14 0.00	12.45 0.50 -6.69	11.88 0.73 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.79 1.35 -0.13	20.62 1.96 -0.30	26.34 2.36 0.00	26.42 2.12 -1.34	28.33 2.40 0.00	28.37 2.25 -2.17	27.80 2.30 0.00	24.38 1.94 -2.30	30.81 2.70 0.00	26.02 2.30 0.00	29.99 2.51 0.00	32.40 2.64 0.00	37.81 3.03 0.00	51.40 4.30 0.00	42.26 3.72 0.00	53.67 4.50 0.00	67.85 4.72 0.00	24.98 1.97 0.00	17.06 1.51 0.00
LISF__SOLAR 323691	15.74 1.17 0.00	12.46 0.51 -6.69	11.89 0.75 -3.47	9.04 0.35 -5.22	11.94 0.17 -9.96	14.82 1.37 -0.13	20.66 2.00 -0.30	26.39 2.41 0.00	26.46 2.17 -1.34	28.38 2.45 0.00	28.41 2.28 -2.17	27.84 2.34 0.00	24.41 1.96 -2.30	30.86 2.76 0.00	26.06 2.33 0.00	30.03 2.54 0.00	32.44 2.68 0.00	37.88 3.10 0.00	51.51 4.42 0.00	42.34 3.80 0.00	53.77 4.60 0.00	67.97 4.84 0.00	25.02 2.01 0.00	17.09 1.53 0.00
LITTLE FALLS____HYD 24013	14.85 0.27 0.00	5.42 0.17 0.00	7.90 0.23 0.00	4.30 0.10 -0.74	2.27 0.05 -0.40	13.67 0.36 0.00	18.86 0.50 0.00	24.56 0.58 0.00	23.50 0.55 0.00	26.49 0.56 0.00	26.22 0.60 -1.66	27.58 0.73 -1.34	22.22 0.52 -1.55	28.92 0.81 0.00	24.36 0.63 0.00	28.18 0.70 0.00	30.32 0.56 0.00	35.27 0.49 0.00	47.43 0.33 0.00	38.93 0.39 0.00	49.73 0.57 0.00	63.61 0.48 0.00	23.14 0.13 0.00	15.81 0.25 0.00
LITTLRIV_115KV_TB1 356100	14.44 -0.13 0.00	5.14 -0.12 0.00	7.51 -0.17 0.00	-8.57 -0.09 11.95	-4.81 -0.05 6.57	12.87 -0.45 0.00	17.92 -0.43 0.00	24.32 -0.44 -0.78	26.60 -0.47 -4.12	31.58 -0.53 -6.17	-1.88 -0.49 25.35	6.16 -0.26 19.08	-3.89 -0.22 23.82	34.66 -0.30 -6.85	29.93 -0.31 -6.51	33.91 -0.43 -6.86	36.72 -0.30 -7.26	42.65 -0.23 -8.10	56.68 -0.23 -9.82	46.67 -0.18 -8.30	58.68 -0.20 -9.72	73.60 -0.11 -10.58	29.50 0.19 -6.31	20.62 -0.21 -5.28

LI_NEWBRDGE___DRP 323616	15.61 1.03 0.00	12.39 0.44 -6.69	11.78 0.64 -3.47	8.99 0.30 -5.22	11.92 0.15 -9.96	14.59 1.14 -0.13	20.28 1.63 -0.30	25.98 2.00 0.00	26.22 1.92 -1.34	28.13 2.20 0.00	28.26 2.13 -2.17	27.75 2.24 0.00	24.31 1.87 -2.30	30.71 2.60 0.00	25.95 2.22 0.00	29.94 2.45 0.00	32.31 2.54 0.00	37.64 2.86 0.00	50.94 3.84 0.00	41.80 3.26 0.00	53.14 3.98 0.00	67.45 4.32 0.00	24.73 1.72 0.00	16.89 1.34 0.00
LOCKPORT_115KV_TB60_63_64 80432	13.34 -1.23 0.00	5.88 -0.43 -1.05	7.57 -0.65 -0.54	4.02 -0.27 -0.82	3.23 -0.14 -1.56	12.29 -1.05 -0.02	16.77 -1.63 -0.05	21.75 -2.23 0.00	20.96 -2.21 -0.21	23.61 -2.32 0.00	21.63 -2.67 -0.34	22.61 -2.89 0.00	18.27 -2.24 -0.36	25.43 -2.68 0.00	21.42 -2.30 0.00	25.07 -2.41 0.00	27.20 -2.56 0.00	31.59 -3.19 0.00	43.05 -4.04 0.00	35.34 -3.20 0.00	45.40 -3.76 0.00	58.08 -5.05 0.00	21.16 -1.85 0.00	14.55 -1.00 0.00
LOCKPORT___CC1 323769	13.33 -1.25 0.00	5.88 -0.43 -1.05	7.57 -0.66 -0.55	4.01 -0.27 -0.82	3.23 -0.14 -1.57	12.27 -1.07 -0.02	16.76 -1.65 -0.05	21.73 -2.26 0.00	20.94 -2.23 -0.21	23.60 -2.33 0.00	21.62 -2.68 -0.34	22.60 -2.90 0.00	18.27 -2.24 -0.36	25.42 -2.69 0.00	21.42 -2.30 0.00	25.07 -2.42 0.00	27.19 -2.57 0.00	31.57 -3.21 0.00	43.02 -4.08 0.00	35.31 -3.24 0.00	45.36 -3.81 0.00	58.03 -5.10 0.00	21.15 -1.86 0.00	14.56 -1.00 0.00
LOCKPORT___CC2 323770	13.33 -1.25 0.00	5.88 -0.43 -1.05	7.57 -0.66 -0.55	4.01 -0.27 -0.82	3.23 -0.14 -1.57	12.27 -1.07 -0.02	16.76 -1.65 -0.05	21.73 -2.26 0.00	20.94 -2.23 -0.21	23.60 -2.33 0.00	21.62 -2.68 -0.34	22.60 -2.90 0.00	18.27 -2.24 -0.36	25.42 -2.69 0.00	21.42 -2.30 0.00	25.07 -2.42 0.00	27.19 -2.57 0.00	31.57 -3.21 0.00	43.02 -4.08 0.00	35.31 -3.24 0.00	45.36 -3.81 0.00	58.03 -5.10 0.00	21.15 -1.86 0.00	14.56 -1.00 0.00
LOCKPORT___CC3 323771	13.33 -1.25 0.00	5.88 -0.43 -1.05	7.57 -0.66 -0.55	4.01 -0.27 -0.82	3.23 -0.14 -1.57	12.27 -1.07 -0.02	16.76 -1.65 -0.05	21.73 -2.26 0.00	20.94 -2.23 -0.21	23.60 -2.33 0.00	21.62 -2.68 -0.34	22.60 -2.90 0.00	18.27 -2.24 -0.36	25.42 -2.69 0.00	21.42 -2.30 0.00	25.07 -2.42 0.00	27.19 -2.57 0.00	31.57 -3.21 0.00	43.02 -4.08 0.00	35.31 -3.24 0.00	45.36 -3.81 0.00	58.03 -5.10 0.00	21.15 -1.86 0.00	14.56 -1.00 0.00
LONG_LAKE_PHOENIX 24014	14.13 -0.44 0.00	5.78 -0.14 -0.67	7.81 -0.21 -0.35	3.90 -0.09 -0.52	2.76 -0.05 -0.99	13.00 -0.33 -0.01	17.93 -0.45 -0.03	23.39 -0.59 0.00	22.50 -0.59 -0.13	25.31 -0.62 0.00	23.56 -0.62 -0.22	24.81 -0.70 0.00	19.78 -0.60 -0.23	27.24 -0.87 0.00	22.97 -0.75 0.00	26.68 -0.80 0.00	28.97 -0.80 0.00	33.90 -0.88 0.00	45.90 -1.19 0.00	37.59 -0.96 0.00	47.97 -1.18 0.00	62.00 -1.13 0.00	22.53 -0.48 0.00	15.24 -0.31 0.00
LOVETT___3 23632	15.49 0.91 0.00	12.11 0.37 -6.48	11.59 0.56 -3.36	8.79 0.26 -5.05	11.59 0.14 -9.64	14.45 1.01 -0.12	20.03 1.39 -0.29	25.70 1.72 0.00	25.98 1.73 -1.30	27.87 1.95 0.00	27.92 1.87 -2.10	27.47 1.97 0.00	23.96 1.59 -2.22	30.33 2.22 0.00	25.61 1.89 0.00	29.58 2.10 0.00	31.95 2.19 0.00	37.36 2.58 0.00	50.44 3.34 0.00	41.25 2.71 0.00	52.49 3.33 0.00	67.01 3.88 0.00	24.42 1.41 0.00	16.66 1.11 0.00
LOVETT___4 23642	15.49 0.91 0.00	12.11 0.37 -6.48	11.59 0.56 -3.36	8.79 0.26 -5.05	11.59 0.14 -9.64	14.45 1.01 -0.12	20.03 1.39 -0.29	25.70 1.72 0.00	25.98 1.73 -1.30	27.87 1.95 0.00	27.92 1.87 -2.10	27.47 1.97 0.00	23.96 1.59 -2.22	30.33 2.22 0.00	25.61 1.89 0.00	29.58 2.10 0.00	31.95 2.19 0.00	37.36 2.58 0.00	50.44 3.34 0.00	41.25 2.71 0.00	52.49 3.33 0.00	67.01 3.88 0.00	24.42 1.41 0.00	16.66 1.11 0.00
LOVETT___5 23593	15.49 0.91 0.00	12.11 0.37 -6.48	11.59 0.56 -3.36	8.79 0.26 -5.05	11.59 0.14 -9.64	14.45 1.01 -0.12	20.03 1.39 -0.29	25.70 1.72 0.00	25.98 1.73 -1.30	27.87 1.95 0.00	27.92 1.87 -2.10	27.47 1.97 0.00	23.96 1.59 -2.22	30.33 2.22 0.00	25.61 1.89 0.00	29.58 2.10 0.00	31.95 2.19 0.00	37.36 2.58 0.00	50.44 3.34 0.00	41.25 2.71 0.00	52.49 3.33 0.00	67.01 3.88 0.00	24.42 1.41 0.00	16.66 1.11 0.00
LOWER RAQUET___HYD 24057	14.24 -0.34 0.00	5.07 -0.19 0.00	7.41 -0.27 0.00	-8.36 -0.14 11.69	-4.69 -0.07 6.43	12.64 -0.67 0.00	17.58 -0.78 0.00	23.92 -0.91 -0.85	26.52 -0.93 -4.50	31.61 -1.06 -6.74	-1.59 -0.92 24.64	6.45 -0.68 18.38	-3.57 -0.56 23.15	34.80 -0.79 -7.47	30.19 -0.64 -7.10	34.03 -0.94 -7.48	36.81 -0.88 -7.92	42.73 -0.89 -8.84	56.66 -1.14 -10.71	46.69 -0.91 -9.06	58.63 -1.13 -10.61	73.48 -1.20 -11.54	29.73 -0.16 -6.88	20.86 -0.45 -5.76
LOWER___HUDSON 24059	15.24 0.66 0.00	13.89 0.28 -8.36	12.41 0.40 -4.33	10.17 0.19 -6.52	14.34 0.10 -12.44	14.17 0.70 -0.16	19.67 0.93 -0.37	25.11 1.12 0.00	25.74 1.11 -1.68	27.12 1.19 0.00	27.84 1.17 -2.71	26.76 1.26 0.00	24.04 1.03 -2.87	29.56 1.45 0.00	24.93 1.20 0.00	28.82 1.34 0.00	31.05 1.29 0.00	36.33 1.54 0.00	49.12 2.03 0.00	40.17 1.63 0.00	51.19 2.04 0.00	65.61 2.48 0.00	23.88 0.87 0.00	16.22 0.67 0.00
LOWVILLE_115KV_TB2 356335	14.10 -0.47 0.00	5.30 -0.21 -0.25	7.55 -0.26 -0.13	0.68 -0.12 2.67	0.53 -0.08 1.20	12.77 -0.55 0.00	17.73 -0.64 -0.01	23.46 -0.77 -0.24	23.51 -0.79 -1.35	26.91 -0.95 -1.94	17.24 -0.82 5.90	20.32 -0.80 4.39	13.86 -0.75 5.54	29.48 -0.77 -2.14	25.47 -0.30 -2.04	28.90 -0.73 -2.15	32.15 0.12 -2.27	38.12 0.81 -2.53	51.56 1.27 -3.19	42.07 0.89 -2.63	53.43 1.18 -3.09	67.96 1.48 -3.36	25.41 0.40 -2.00	16.98 -0.26 -1.68
LUTHERFT_115KV_GLOB_FND_222 355753	15.31 0.74 0.00	14.07 0.30 -8.52	12.52 0.44 -4.41	10.31 0.20 -6.64	14.58 0.11 -12.67	14.27 0.79 -0.16	19.86 1.12 -0.38	25.37 1.39 0.00	26.01 1.35 -1.71	27.39 1.46 0.00	28.12 1.41 -2.76	27.04 1.53 0.00	24.31 1.24 -2.92	29.90 1.79 0.00	25.21 1.48 0.00	29.19 1.70 0.00	31.49 1.73 0.00	36.82 2.04 0.00	49.83 2.74 0.00	40.76 2.22 0.00	51.84 2.68 0.00	66.39 3.26 0.00	24.12 1.12 0.00	16.35 0.80 0.00
LUTHERNY_35_KV_BK2 355980	15.32 0.75 0.00	14.08 0.30 -8.52	12.53 0.44 -4.41	10.31 0.20 -6.64	14.59 0.11 -12.67	14.29 0.81 -0.16	19.88 1.14 -0.38	25.40 1.42 0.00	26.03 1.37 -1.71	27.39 1.46 0.00	28.14 1.42 -2.76	27.06 1.55 0.00	24.32 1.26 -2.92	29.92 1.81 0.00	25.22 1.49 0.00	29.21 1.72 0.00	31.52 1.76 0.00	36.83 2.05 0.00	49.83 2.74 0.00	40.78 2.24 0.00	51.87 2.71 0.00	66.50 3.37 0.00	24.12 1.12 0.00	16.35 0.80 0.00
LWR___OSWEGATCHIE_HYD 23850	14.08 -0.50 0.00	5.22 -0.23 -0.20	7.47 -0.31 -0.10	-4.29 -0.15 7.61	-2.25 -0.09 3.98	12.64 -0.68 0.00	17.57 -0.80 -0.01	23.59 -0.97 -0.58	25.06 -0.99 -3.10	29.36 -1.15 -4.58	6.70 -1.00 16.26	12.48 -0.88 12.15	4.11 -0.77 15.27	32.18 -1.01 -5.08	27.87 -0.68 -4.82	31.56 -1.01 -5.09	34.58 -0.56 -5.38	40.58 -0.21 -6.00	54.23 -0.19 -7.33	44.51 -0.20 -6.17	56.16 -0.22 -7.22	70.84 -0.15 -7.86	27.69 0.00 -4.68	19.04 -0.44 -3.92

LYONS_FALL_HYD 23570	14.41 -0.16 0.00	5.40 -0.08 -0.23	7.71 -0.09 -0.12	1.99 -0.04 1.44	1.23 -0.03 0.55	13.12 -0.20 0.00	18.19 -0.17 -0.01	23.95 -0.19 -0.16	23.63 -0.23 -0.91	26.93 -0.30 -1.29	20.49 -0.22 3.24	22.92 -0.20 2.39	16.87 -0.24 3.04	29.40 -0.13 -1.42	25.18 0.10 -1.35	28.79 -0.13 -1.43	31.73 0.46 -1.51	37.41 0.94 -1.68	50.77 1.28 -2.41	41.37 1.06 -1.77	52.62 1.38 -2.08	67.13 1.74 -2.26	24.88 0.52 -1.35	16.71 0.03 -1.13
MADISON___COUNTY_LFGE 323628	14.80 0.22 0.00	5.70 0.08 -0.36	7.99 0.13 -0.19	3.80 0.06 -0.28	2.37 0.03 -0.54	13.58 0.26 -0.01	18.80 0.43 -0.02	24.55 0.57 0.00	23.54 0.51 -0.07	26.50 0.57 0.00	24.61 0.54 -0.12	26.08 0.57 0.00	20.68 0.41 -0.12	28.77 0.66 0.00	24.33 0.60 0.00	28.14 0.65 0.00	30.66 0.90 0.00	35.89 1.10 0.00	48.50 1.41 0.00	39.71 1.17 0.00	50.70 1.54 0.00	65.07 1.94 0.00	23.63 0.62 0.00	15.94 0.39 0.00
MALONE___115KV_TB1 356076	14.43 -0.14 0.00	5.17 -0.09 0.00	7.53 -0.15 0.00	-10.28 -0.12 13.63	-5.74 -0.06 7.50	12.71 -0.61 0.00	17.76 -0.60 0.00	27.03 -0.73 -3.78	42.10 -0.83 -19.98	54.86 -1.00 -29.93	-0.04 -0.87 23.12	12.87 -0.79 11.85	-2.44 -0.66 21.93	60.37 -0.95 -33.22	54.52 -0.75 -31.55	59.84 -0.91 -33.26	64.05 -0.92 -35.21	73.11 -0.95 -39.27	93.39 -1.16 -47.46	77.77 -0.98 -40.20	94.98 -1.25 -47.07	112.94 -1.41 -51.22	53.20 -0.33 -30.52	40.65 -0.47 -25.56
MAPLEWOD_115KV_TB3 80458	15.18 0.60 0.00	13.81 0.26 -8.29	12.36 0.38 -4.30	10.11 0.18 -6.47	14.24 0.09 -12.34	14.13 0.65 -0.16	19.58 0.85 -0.37	24.99 1.01 0.00	25.64 1.03 -1.66	27.02 1.09 0.00	27.72 1.07 -2.69	26.67 1.16 0.00	23.94 0.95 -2.84	29.44 1.33 0.00	24.84 1.11 0.00	28.72 1.24 0.00	31.00 1.24 0.00	36.26 1.48 0.00	49.02 1.93 0.00	40.07 1.53 0.00	51.06 1.90 0.00	65.42 2.29 0.00	23.83 0.83 0.00	16.20 0.64 0.00
MAPLE_RIDGE_WT_1 323574	14.13 -0.45 0.00	5.08 -0.18 0.00	7.42 -0.26 0.00	-21.87 -0.13 25.21	-12.12 -0.07 13.86	12.85 -0.47 0.00	17.62 -0.73 0.00	23.04 -0.94 0.00	22.01 -0.94 0.00	24.87 -1.06 0.00	-33.77 -0.93 56.79	-21.46 -1.05 45.92	-33.91 -0.81 53.24	27.03 -1.08 0.00	22.87 -0.86 0.00	26.52 -0.97 0.00	29.05 -0.71 0.00	34.29 -0.50 0.00	46.58 -0.51 0.00	38.14 -0.40 0.00	48.68 -0.48 0.00	62.54 -0.59 0.00	22.79 -0.22 0.00	15.12 -0.43 0.00
MAPLE_RIDGE_WT_2 323611	14.13 -0.45 0.00	5.08 -0.18 0.00	7.42 -0.26 0.00	-21.87 -0.13 25.21	-12.12 -0.07 13.86	12.85 -0.47 0.00	17.62 -0.73 0.00	23.04 -0.94 0.00	22.01 -0.94 0.00	24.87 -1.06 0.00	-33.77 -0.93 56.79	-21.46 -1.05 45.92	-33.91 -0.81 53.24	27.03 -1.08 0.00	22.87 -0.86 0.00	26.52 -0.97 0.00	29.05 -0.71 0.00	34.29 -0.50 0.00	46.58 -0.51 0.00	38.14 -0.40 0.00	48.68 -0.48 0.00	62.54 -0.59 0.00	22.79 -0.22 0.00	15.12 -0.43 0.00
MARBLE_RIVER_WT_PWR 323696	14.31 -0.27 0.00	5.14 -0.12 0.00	7.49 -0.19 0.00	-11.25 -0.16 14.56	-6.27 -0.07 8.01	12.53 -0.79 0.00	17.52 -0.84 0.00	17.43 -1.09 5.46	-7.13 -1.21 28.87	-18.63 -1.32 43.24	-21.00 -1.19 43.76	-21.00 -1.23 45.28	-21.44 -0.94 40.65	-21.22 -1.33 48.00	-22.95 -1.09 45.59	-21.86 -1.28 48.06	-22.48 -1.37 50.87	-23.50 -1.54 56.75	-23.42 -2.01 68.50	-21.20 -1.67 58.07	-21.00 -2.18 67.98	-13.60 -2.77 73.96	-21.87 -0.80 44.08	-22.10 -0.73 36.92
MARSHVLE_115KV_TB1 80742	15.21 0.64 0.00	15.21 0.20 -9.76	13.02 0.29 -5.06	11.20 0.12 -7.61	16.39 0.06 -14.52	14.04 0.54 -0.19	19.57 0.78 -0.44	25.07 1.09 0.00	25.96 1.05 -1.96	27.10 1.17 0.00	28.08 0.97 -3.16	26.60 1.10 0.00	24.33 0.83 -3.35	29.37 1.26 0.00	24.82 1.09 0.00	28.84 1.36 0.00	31.44 1.68 0.00	36.71 1.93 0.00	49.67 2.58 0.00	40.63 2.09 0.00	51.75 2.59 0.00	66.34 3.21 0.00	24.18 1.17 0.00	16.25 0.70 0.00
MARSH_HILL_WT_PWR 323713	13.58 -1.00 0.00	6.74 -0.13 -1.61	8.17 -0.34 -0.84	4.60 -0.13 -1.26	4.16 -0.05 -2.40	12.49 -0.86 -0.03	17.41 -1.02 -0.07	22.75 -1.23 0.00	21.99 -1.28 -0.32	24.45 -1.48 0.00	23.25 -1.23 -0.52	24.02 -1.49 0.00	19.42 -1.29 -0.55	26.31 -1.80 0.00	22.26 -1.47 0.00	26.02 -1.46 0.00	28.27 -1.49 0.00	33.15 -1.64 0.00	45.21 -1.88 0.00	37.33 -1.22 0.00	47.63 -1.53 0.00	60.74 -2.39 0.00	22.08 -0.93 0.00	15.19 -0.37 0.00
MCINTYRE_115KV_TB2 80467	14.57 0.00 0.00	5.18 -0.08 0.00	7.57 -0.11 0.00	-8.95 -0.06 12.36	-5.02 -0.03 6.79	13.04 -0.28 0.00	18.16 -0.20 0.00	24.52 -0.13 -0.67	26.29 -0.18 -3.52	31.00 -0.20 -5.27	-2.80 -0.26 26.50	5.24 -0.05 20.22	-4.78 -0.04 24.89	33.90 -0.06 -5.85	29.12 -0.17 -5.55	33.21 -0.13 -5.86	36.01 0.05 -6.20	41.81 0.12 -6.91	55.75 0.27 -8.39	45.88 0.24 -7.09	57.81 0.35 -8.30	72.66 0.49 -9.04	28.76 0.36 -5.38	19.98 -0.08 -4.51
MECO___69_KV_BK1 80468	15.84 1.26 0.00	15.08 0.44 -9.39	13.17 0.63 -4.86	11.07 0.28 -7.32	15.93 0.15 -13.97	14.70 1.20 -0.18	20.56 1.78 -0.42	26.34 2.36 0.00	27.19 2.35 -1.88	28.26 2.33 0.00	28.79 1.79 -3.04	27.75 2.24 0.00	25.14 1.77 -3.22	30.70 2.59 0.00	26.07 2.34 0.00	30.33 2.84 0.00	33.00 3.23 0.00	38.64 3.86 0.00	52.33 5.23 0.00	42.82 4.28 0.00	54.45 5.29 0.00	69.48 6.35 0.00	25.20 2.20 0.00	16.94 1.38 0.00
MENANDS___115KV_TB5 355628	15.13 0.56 0.00	13.78 0.25 -8.27	12.33 0.37 -4.29	10.09 0.17 -6.45	14.21 0.09 -12.31	14.09 0.61 -0.16	19.51 0.78 -0.37	24.89 0.91 0.00	25.54 0.93 -1.66	26.91 0.98 0.00	27.62 0.98 -2.68	26.56 1.06 0.00	23.84 0.86 -2.84	29.32 1.21 0.00	24.74 1.01 0.00	28.59 1.11 0.00	30.86 1.10 0.00	36.10 1.32 0.00	48.79 1.70 0.00	39.89 1.35 0.00	50.86 1.70 0.00	65.15 2.02 0.00	23.74 0.73 0.00	16.15 0.59 0.00
MG INDUSTRY___DRP 24185	15.13 0.55 0.00	13.60 0.24 -8.10	12.22 0.35 -4.20	9.95 0.16 -6.32	13.95 0.08 -12.06	14.07 0.60 -0.15	19.49 0.77 -0.36	24.87 0.89 0.00	25.46 0.88 -1.63	26.86 0.93 0.00	27.49 0.91 -2.63	26.48 0.98 0.00	23.71 0.79 -2.78	29.22 1.11 0.00	24.68 0.96 0.00	28.55 1.07 0.00	30.85 1.09 0.00	36.10 1.32 0.00	48.84 1.75 0.00	39.94 1.40 0.00	50.90 1.74 0.00	65.24 2.11 0.00	23.77 0.76 0.00	16.15 0.60 0.00
MID___OSWEGATCHIE_HYD 23849	14.08 -0.50 0.00	5.22 -0.23 -0.20	7.47 -0.31 -0.10	-4.29 -0.15 7.61	-2.25 -0.09 3.98	12.64 -0.68 0.00	17.57 -0.80 -0.01	23.59 -0.97 -0.58	25.06 -0.99 -3.10	29.36 -1.15 -4.58	6.70 -1.00 16.26	12.48 -0.88 12.15	4.11 -0.77 15.27	32.18 -1.01 -5.08	27.87 -0.68 -4.82	31.56 -1.01 -5.09	34.58 -0.56 -5.38	40.58 -0.21 -6.00	54.23 -0.19 -7.33	44.51 -0.20 -6.17	56.16 -0.22 -7.22	70.84 -0.15 -7.86	27.69 0.00 -4.68	19.04 -0.44 -3.92
MID___RAQUETTE_HYD 23851	14.24 -0.34 0.00	5.07 -0.19 0.00	7.41 -0.27 0.00	-8.36 -0.14 11.69	-4.69 -0.07 6.43	12.64 -0.67 0.00	17.58 -0.78 0.00	23.93 -0.91 -0.85	26.52 -0.93 -4.50	31.61 -1.06 -6.74	-1.59 -0.92 24.64	6.45 -0.68 18.38	-3.57 -0.56 23.15	34.80 -0.79 -7.47	30.19 -0.63 -7.10	34.03 -0.94 -7.48	36.81 -0.87 -7.92	42.73 -0.88 -8.84	56.66 -1.14 -10.71	46.69 -0.91 -9.06	58.63 -1.13 -10.61	73.48 -1.19 -11.54	29.73 -0.16 -6.88	20.87 -0.45 -5.76

MILLIKEN___1 23584	14.63 0.05 0.00	6.84 0.05 -1.53	8.51 0.04 -0.79	4.69 0.02 -1.20	4.10 0.01 -2.28	13.46 0.12 -0.03	18.62 0.19 -0.07	24.26 0.28 0.00	23.45 0.19 -0.31	26.18 0.25 0.00	24.67 0.21 -0.50	25.70 0.20 0.00	20.83 0.15 -0.53	28.37 0.27 0.00	23.90 0.17 0.00	27.71 0.22 0.00	30.11 0.35 0.00	35.23 0.45 0.00	47.69 0.60 0.00	39.13 0.59 0.00	50.02 0.87 0.00	64.19 1.06 0.00	23.29 0.28 0.00	15.80 0.24 0.00
MILLIKEN___2 23585	14.63 0.05 0.00	6.84 0.05 -1.53	8.51 0.04 -0.79	4.69 0.02 -1.20	4.10 0.01 -2.28	13.46 0.12 -0.03	18.62 0.19 -0.07	24.26 0.28 0.00	23.45 0.19 -0.31	26.18 0.25 0.00	24.67 0.21 -0.50	25.70 0.20 0.00	20.83 0.15 -0.53	28.37 0.27 0.00	23.90 0.17 0.00	27.71 0.22 0.00	30.11 0.35 0.00	35.23 0.45 0.00	47.69 0.60 0.00	39.13 0.59 0.00	50.02 0.87 0.00	64.19 1.06 0.00	23.29 0.28 0.00	15.80 0.24 0.00
MILLIKEN___DIESEL 23629	14.63 0.05 0.00	6.84 0.05 -1.53	8.51 0.04 -0.79	4.69 0.02 -1.20	4.10 0.01 -2.28	13.46 0.12 -0.03	18.62 0.19 -0.07	24.26 0.28 0.00	23.45 0.19 -0.31	26.18 0.25 0.00	24.67 0.21 -0.50	25.70 0.20 0.00	20.83 0.15 -0.53	28.37 0.27 0.00	23.90 0.17 0.00	27.71 0.22 0.00	30.11 0.35 0.00	35.23 0.45 0.00	47.69 0.60 0.00	39.13 0.59 0.00	50.02 0.87 0.00	64.19 1.06 0.00	23.29 0.28 0.00	15.80 0.24 0.00
MILLSEAT___LFGE 323607	13.60 -0.97 0.00	5.95 -0.34 -1.03	7.70 -0.51 -0.54	4.06 -0.21 -0.80	3.23 -0.11 -1.53	12.54 -0.79 -0.02	17.19 -1.21 -0.05	22.32 -1.66 0.00	21.53 -1.63 -0.21	24.27 -1.66 0.00	22.19 -2.11 -0.33	23.17 -2.33 0.00	18.68 -1.82 -0.35	26.11 -2.00 0.00	22.04 -1.68 0.00	25.80 -1.69 0.00	27.99 -1.77 0.00	32.56 -2.22 0.00	44.31 -2.79 0.00	36.37 -2.17 0.00	46.69 -2.47 0.00	59.73 -3.40 0.00	21.72 -1.29 0.00	14.92 -0.64 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	15.52 0.94 0.00	12.27 0.39 -6.63	11.68 0.57 -3.43	8.91 0.27 -5.17	11.81 0.14 -9.86	14.47 1.03 -0.13	20.07 1.42 -0.30	25.75 1.76 0.00	26.05 1.77 -1.33	27.93 1.99 0.00	28.02 1.92 -2.15	27.53 2.03 0.00	24.06 1.65 -2.27	30.41 2.30 0.00	25.67 1.94 0.00	29.64 2.15 0.00	32.00 2.24 0.00	37.40 2.62 0.00	50.51 3.42 0.00	41.33 2.79 0.00	52.58 3.42 0.00	67.09 3.96 0.00	24.46 1.45 0.00	16.70 1.15 0.00
MILLWOOD_13_KV_LOAD 356217	15.55 0.97 0.00	12.28 0.40 -6.63	11.69 0.59 -3.43	8.91 0.27 -5.17	11.81 0.14 -9.86	14.51 1.07 -0.13	20.12 1.46 -0.30	25.81 1.83 0.00	26.11 1.83 -1.33	28.00 2.07 0.00	28.09 1.98 -2.15	27.60 2.10 0.00	24.12 1.70 -2.27	30.49 2.38 0.00	25.74 2.02 0.00	29.72 2.23 0.00	32.09 2.33 0.00	37.51 2.72 0.00	50.65 3.56 0.00	41.44 2.90 0.00	52.72 3.56 0.00	67.24 4.11 0.00	24.51 1.50 0.00	16.74 1.18 0.00
MODEL_CITY_ENERGY 24167	13.20 -1.38 0.00	5.84 -0.48 -1.07	7.50 -0.73 -0.55	3.99 -0.31 -0.83	3.24 -0.16 -1.59	12.14 -1.19 -0.02	16.58 -1.83 -0.05	21.48 -2.50 0.00	20.70 -2.46 -0.21	23.33 -2.60 0.00	21.38 -2.92 -0.34	22.34 -3.16 0.00	18.07 -2.44 -0.37	25.12 -2.99 0.00	21.16 -2.56 0.00	24.76 -2.72 0.00	26.86 -2.90 0.00	31.18 -3.60 0.00	42.49 -4.60 0.00	34.88 -3.66 0.00	44.82 -4.34 0.00	57.32 -5.82 0.00	20.91 -2.10 0.00	14.40 -1.16 0.00
MODERN_LFGE___ 323580	13.20 -1.38 0.00	5.84 -0.48 -1.07	7.50 -0.73 -0.55	3.99 -0.31 -0.83	3.24 -0.16 -1.59	12.14 -1.19 -0.02	16.58 -1.83 -0.05	21.48 -2.50 0.00	20.70 -2.46 -0.21	23.33 -2.60 0.00	21.38 -2.92 -0.34	22.34 -3.16 0.00	18.07 -2.44 -0.37	25.12 -2.99 0.00	21.16 -2.56 0.00	24.76 -2.72 0.00	26.86 -2.90 0.00	31.18 -3.60 0.00	42.49 -4.60 0.00	34.88 -3.66 0.00	44.82 -4.34 0.00	57.32 -5.82 0.00	20.91 -2.10 0.00	14.40 -1.16 0.00
MOHAWK_PAPER___DRP 24187	15.18 0.60 0.00	13.81 0.26 -8.29	12.36 0.38 -4.30	10.11 0.18 -6.47	14.24 0.09 -12.34	14.13 0.65 -0.16	19.58 0.85 -0.37	24.99 1.01 0.00	25.64 1.03 -1.66	27.02 1.09 0.00	27.72 1.07 -2.69	26.67 1.16 0.00	23.94 0.95 -2.84	29.44 1.33 0.00	24.84 1.11 0.00	28.72 1.24 0.00	31.00 1.24 0.00	36.26 1.48 0.00	49.02 1.93 0.00	40.07 1.53 0.00	51.06 1.90 0.00	65.42 2.29 0.00	23.83 0.83 0.00	16.20 0.64 0.00
MOHICAN__35_KV_115KV_LD 80490	15.32 0.75 0.00	14.09 0.31 -8.52	12.53 0.44 -4.42	10.31 0.20 -6.65	14.60 0.10 -12.68	14.30 0.82 -0.16	19.97 1.23 -0.38	25.56 1.58 0.00	26.15 1.49 -1.71	27.54 1.61 0.00	28.29 1.57 -2.76	27.21 1.71 0.00	24.48 1.41 -2.92	30.20 2.09 0.00	25.43 1.70 0.00	29.45 1.96 0.00	31.75 1.99 0.00	37.15 2.37 0.00	50.36 3.26 0.00	41.23 2.69 0.00	52.17 3.01 0.00	66.70 3.57 0.00	24.22 1.21 0.00	16.37 0.82 0.00
MONGAUP___HYD 23641	15.35 0.78 0.00	11.72 0.32 -6.15	11.34 0.48 -3.19	8.49 0.22 -4.80	11.07 0.11 -9.15	14.29 0.86 -0.12	19.82 1.19 -0.28	25.33 1.35 0.00	25.57 1.38 -1.24	27.78 1.85 0.00	27.56 1.61 -1.99	27.28 1.77 0.00	23.61 1.36 -2.11	30.01 1.90 0.00	25.34 1.62 0.00	29.28 1.79 0.00	31.50 1.74 0.00	36.87 2.09 0.00	49.82 2.72 0.00	40.99 2.44 0.00	52.20 3.04 0.00	66.51 3.38 0.00	24.10 1.10 0.00	16.43 0.87 0.00
MONTAUK___DIESEL 23721	15.78 1.20 0.00	12.52 0.57 -6.69	11.97 0.83 -3.47	9.10 0.41 -5.22	11.99 0.21 -9.96	15.13 1.68 -0.13	21.15 2.49 -0.30	27.05 3.07 0.00	27.07 2.78 -1.34	29.06 3.13 0.00	29.04 2.92 -2.17	28.48 2.97 0.00	24.90 2.46 -2.30	31.59 3.48 0.00	26.62 2.89 0.00	30.33 2.84 0.00	32.56 2.79 0.00	38.59 3.81 0.00	52.85 5.76 0.00	43.43 4.88 0.00	55.13 5.97 0.00	69.57 6.44 0.00	25.58 2.57 0.00	17.45 1.90 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.46 -1.12 0.00	6.12 -0.34 -1.20	7.78 -0.52 -0.62	4.20 -0.21 -0.94	3.46 -0.14 -1.79	12.51 -0.83 -0.02	17.31 -1.10 -0.05	22.05 -1.93 0.00	21.35 -1.84 -0.24	23.81 -2.12 0.00	21.97 -2.38 -0.39	23.04 -2.46 0.00	18.73 -1.83 -0.41	25.90 -2.21 0.00	22.02 -1.70 0.00	26.36 -1.12 0.00	28.69 -1.08 0.00	33.39 -1.40 0.00	45.12 -1.97 0.00	37.16 -1.38 0.00	47.75 -1.41 0.00	61.05 -2.08 0.00	22.13 -0.88 0.00	15.15 -0.41 0.00
MORTIMER_115KV_TB3 55949	13.81 -0.76 0.00	5.94 -0.26 -0.94	7.77 -0.39 -0.48	4.03 -0.16 -0.73	3.12 -0.09 -1.39	12.73 -0.61 -0.02	17.50 -0.90 -0.04	22.79 -1.20 0.00	21.98 -1.16 -0.19	24.72 -1.22 0.00	22.83 -1.43 -0.30	23.95 -1.56 0.00	19.23 -1.24 -0.32	26.67 -1.44 0.00	22.48 -1.25 0.00	26.22 -1.27 0.00	28.44 -1.32 0.00	33.14 -1.65 0.00	45.06 -2.03 0.00	36.95 -1.59 0.00	47.31 -1.85 0.00	60.72 -2.41 0.00	22.07 -0.94 0.00	15.05 -0.51 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	15.59 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.11 -0.13	20.16 1.50 -0.30	25.84 1.86 0.00	26.18 1.89 -1.34	28.06 2.13 0.00	28.18 2.05 -2.17	27.67 2.16 0.00	24.20 1.76 -2.30	30.58 2.47 0.00	25.80 2.08 0.00	29.77 2.28 0.00	32.13 2.37 0.00	37.53 2.75 0.00	50.69 3.60 0.00	41.51 2.96 0.00	52.75 3.59 0.00	67.24 4.12 0.00	24.54 1.53 0.00	16.79 1.23 0.00

MUNSVILLE_WIND_PWR 323609	15.08 0.50 0.00	7.72 0.23 -2.23	9.07 0.24 -1.16	5.33 0.12 -1.74	5.21 0.08 -3.33	13.84 0.48 -0.04	19.24 0.79 -0.10	25.07 1.09 0.00	24.18 0.78 -0.45	26.94 1.01 0.00	25.71 1.03 -0.72	26.57 1.06 0.00	21.71 0.80 -0.77	29.34 1.23 0.00	24.73 1.00 0.00	28.56 1.08 0.00	31.10 1.34 0.00	36.55 1.77 0.00	49.41 2.31 0.00	40.86 2.31 0.00	53.19 4.03 0.00	67.86 4.74 0.00	24.33 1.32 0.00	16.52 0.97 0.00
N SALMON___HYD 24042	14.44 -0.14 0.00	5.17 -0.09 0.00	7.53 -0.15 0.00	-10.28 -0.12 13.63	-5.74 -0.06 7.50	12.71 -0.60 0.00	17.76 -0.60 0.00	27.03 -0.73 -3.78	42.10 -0.83 -19.98	54.85 -1.00 -29.93	-0.04 -0.88 23.12	12.87 -0.79 11.85	-2.44 -0.66 21.93	60.37 -0.96 -33.22	54.52 -0.76 -31.55	59.83 -0.91 -33.26	64.04 -0.92 -35.21	73.10 -0.96 -39.27	93.39 -1.16 -47.46	77.77 -0.98 -40.20	94.98 -1.25 -47.07	112.93 -1.42 -51.22	53.19 -0.34 -30.52	40.65 -0.47 -25.56
N.AKRON__115KV_KNAPP 355671	13.60 -0.97 0.00	5.95 -0.34 -1.03	7.69 -0.52 -0.54	4.06 -0.21 -0.81	3.24 -0.11 -1.54	12.54 -0.79 -0.02	17.18 -1.22 -0.05	22.31 -1.67 0.00	21.51 -1.65 -0.21	24.24 -1.69 0.00	22.16 -2.13 -0.33	23.15 -2.36 0.00	18.66 -1.84 -0.36	26.08 -2.04 0.00	22.01 -1.72 0.00	25.74 -1.74 0.00	27.94 -1.82 0.00	32.50 -2.29 0.00	44.27 -2.82 0.00	36.32 -2.22 0.00	46.62 -2.54 0.00	59.67 -3.46 0.00	21.69 -1.32 0.00	14.89 -0.66 0.00
N.BELMOR_69_KV_BK1 55787	15.71 1.14 0.00	12.43 0.47 -6.69	11.83 0.69 -3.47	9.01 0.32 -5.22	11.93 0.16 -9.96	14.69 1.25 -0.13	20.43 1.78 -0.30	26.18 2.20 0.00	26.41 2.12 -1.34	28.36 2.43 0.00	28.48 2.36 -2.17	27.98 2.48 0.00	24.50 2.06 -2.30	30.97 2.86 0.00	26.18 2.45 0.00	30.20 2.72 0.00	32.62 2.85 0.00	37.98 3.19 0.00	51.40 4.31 0.00	42.20 3.65 0.00	53.67 4.51 0.00	68.06 4.93 0.00	24.93 1.92 0.00	17.02 1.47 0.00
N.E_GEN_SANDY PD 24062	15.37 0.79 0.00	16.06 0.33 -10.47	12.66 0.48 -4.51	9.61 0.22 -5.92	13.76 0.11 -11.84	14.30 0.84 -0.14	19.82 1.12 -0.34	25.36 1.32 -0.05	25.50 1.34 -1.21	26.78 1.46 0.61	27.85 1.44 -2.46	27.03 1.52 0.00	24.00 1.25 -2.60	29.85 1.74 0.00	25.17 1.44 0.00	29.06 1.58 0.00	31.31 1.55 0.00	36.63 1.85 0.00	49.51 2.42 0.00	38.21 1.94 2.27	52.10 2.38 -0.56	66.00 2.87 0.00	23.24 1.03 0.80	16.09 0.84 0.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	15.51 0.93 0.00	12.11 0.38 -6.47	11.60 0.57 -3.35	8.78 0.27 -5.05	11.58 0.14 -9.63	14.47 1.03 -0.12	20.07 1.42 -0.29	25.75 1.77 0.00	26.02 1.77 -1.30	27.93 1.99 0.00	27.97 1.91 -2.10	27.52 2.02 0.00	24.00 1.63 -2.22	30.39 2.28 0.00	25.66 1.93 0.00	29.63 2.15 0.00	32.01 2.25 0.00	37.44 2.65 0.00	50.53 3.44 0.00	41.33 2.79 0.00	52.59 3.43 0.00	67.14 4.01 0.00	24.47 1.46 0.00	16.70 1.14 0.00
N.QUEENS_27_KV_LOAD 356247	15.58 1.01 0.00	12.38 0.42 -6.70	11.76 0.61 -3.47	8.98 0.28 -5.23	11.92 0.15 -9.97	14.54 1.09 -0.13	20.16 1.50 -0.30	25.84 1.86 0.00	26.22 1.93 -1.34	28.06 2.13 0.00	28.23 2.10 -2.17	27.75 2.24 0.00	24.24 1.80 -2.30	30.61 2.50 0.00	25.84 2.12 0.00	29.72 2.24 0.00	32.10 2.35 0.00	37.47 2.68 0.00	50.65 3.56 0.00	41.66 3.12 0.00	52.73 3.57 0.00	67.18 4.05 0.00	24.57 1.55 0.00	16.86 1.30 0.00
N.TROY___115KV_TB1 355778	15.24 0.66 0.00	13.89 0.28 -8.36	12.41 0.40 -4.33	10.17 0.19 -6.52	14.34 0.10 -12.44	14.17 0.70 -0.16	19.67 0.94 -0.37	25.10 1.12 0.00	25.74 1.11 -1.68	27.12 1.19 0.00	27.84 1.17 -2.71	26.76 1.26 0.00	24.04 1.03 -2.87	29.56 1.45 0.00	24.93 1.20 0.00	28.82 1.34 0.00	31.05 1.29 0.00	36.33 1.54 0.00	49.12 2.03 0.00	40.17 1.63 0.00	51.20 2.04 0.00	65.61 2.48 0.00	23.88 0.87 0.00	16.22 0.67 0.00
NARROWS_GT1_1 24228	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT1_2 24229	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT1_3 24230	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT1_4 24231	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT1_5 24232	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT1_6 24233	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT1_7 24234	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00

NARROWS_GT1_8 24235	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT2_1 24236	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT2_2 24237	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT2_3 24238	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT2_4 24239	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT2_5 24240	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT2_6 24241	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT2_7 24242	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NARROWS_GT2_8 24243	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.91 0.00	41.83 3.29 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	15.35 0.77 0.00	13.39 0.32 -7.81	12.18 0.46 -4.05	9.77 0.21 -6.09	13.54 0.11 -11.62	14.28 0.82 -0.15	19.77 1.07 -0.35	25.28 1.31 0.00	25.82 1.31 -1.57	27.33 1.40 0.00	27.79 1.30 -2.53	26.95 1.45 0.00	23.94 1.12 -2.68	29.72 1.61 0.00	25.14 1.41 0.00	29.08 1.60 0.00	31.51 1.75 0.00	36.93 2.15 0.00	49.98 2.89 0.00	40.83 2.28 0.00	51.97 2.81 0.00	66.54 3.41 0.00	24.17 1.16 0.00	16.39 0.84 0.00
NCHELSEA_115KV_TR2 355582	15.55 0.98 0.00	12.42 0.39 -6.77	11.77 0.58 -3.51	9.02 0.27 -5.28	12.02 0.14 -10.07	14.50 1.06 -0.13	20.13 1.47 -0.30	25.81 1.83 0.00	26.14 1.83 -1.36	27.99 2.06 0.00	28.13 1.98 -2.19	27.60 2.10 0.00	24.16 1.69 -2.32	30.47 2.37 0.00	25.72 1.99 0.00	29.71 2.23 0.00	32.09 2.33 0.00	37.53 2.75 0.00	50.71 3.62 0.00	41.49 2.94 0.00	52.76 3.60 0.00	67.34 4.21 0.00	24.52 1.52 0.00	16.74 1.18 0.00
NEG CAPITAL___MECHNVIL 23645	15.33 0.75 0.00	14.03 0.30 -8.47	12.50 0.44 -4.39	10.27 0.20 -6.60	14.52 0.11 -12.60	14.27 0.79 -0.16	19.85 1.12 -0.38	25.37 1.39 0.00	26.02 1.36 -1.70	27.40 1.47 0.00	28.12 1.42 -2.74	27.05 1.55 0.00	24.30 1.25 -2.90	29.91 1.79 0.00	25.21 1.49 0.00	29.19 1.70 0.00	31.48 1.73 0.00	36.84 2.06 0.00	49.85 2.76 0.00	40.76 2.22 0.00	51.85 2.69 0.00	66.39 3.25 0.00	24.13 1.12 0.00	16.37 0.81 0.00
NEG CENTRAL_HIGH_ACRES 23767	13.67 -0.90 0.00	5.87 -0.31 -0.92	7.69 -0.47 -0.48	3.99 -0.20 -0.72	3.08 -0.10 -1.37	12.60 -0.74 -0.02	17.37 -1.03 -0.04	22.62 -1.37 0.00	21.81 -1.33 -0.18	24.51 -1.42 0.00	22.70 -1.55 -0.30	23.82 -1.68 0.00	19.12 -1.34 -0.32	26.46 -1.65 0.00	22.29 -1.44 0.00	26.00 -1.48 0.00	28.21 -1.55 0.00	32.87 -1.91 0.00	44.66 -2.43 0.00	36.60 -1.94 0.00	46.81 -2.35 0.00	60.09 -3.04 0.00	21.84 -1.17 0.00	14.88 -0.68 0.00
NEG CENTRAL___DRP 24199	14.26 -0.31 0.00	6.20 -0.08 -1.03	8.06 -0.14 -0.53	4.21 -0.06 -0.80	3.31 -0.03 -1.53	13.13 -0.20 -0.02	18.14 -0.26 -0.05	23.66 -0.32 0.00	22.81 -0.35 -0.21	25.59 -0.34 0.00	23.89 -0.40 -0.33	25.04 -0.46 0.00	20.12 -0.38 -0.35	27.65 -0.45 0.00	23.30 -0.43 0.00	27.12 -0.36 0.00	29.47 -0.29 0.00	34.39 -0.39 0.00	46.71 -0.38 0.00	38.31 -0.24 0.00	48.91 -0.25 0.00	62.61 -0.52 0.00	22.77 -0.24 0.00	15.44 -0.11 0.00
NEG CENTRAL___INDECK 23768	14.14 -0.44 0.00	6.57 -0.08 -1.39	8.21 -0.18 -0.72	4.49 -0.06 -1.09	3.85 -0.03 -2.07	13.05 -0.30 -0.03	18.08 -0.34 -0.06	23.61 -0.37 0.00	22.81 -0.42 -0.28	25.50 -0.43 0.00	23.71 -0.70 -0.45	24.66 -0.84 0.00	19.80 -0.82 -0.48	27.21 -0.89 0.00	23.16 -0.56 0.00	27.19 -0.29 0.00	29.55 -0.21 0.00	34.66 -0.13 0.00	47.22 0.12 0.00	38.81 0.27 0.00	49.61 0.45 0.00	63.39 0.26 0.00	22.90 -0.11 0.00	15.62 0.07 0.00

NEG CENTRAL___SENECA 23627	14.22 -0.35 0.00	6.30 -0.08 -1.13	8.09 -0.16 -0.58	4.29 -0.06 -0.88	3.46 -0.03 -1.68	13.12 -0.21 -0.02	18.14 -0.27 -0.05	23.67 -0.32 0.00	22.82 -0.36 -0.23	25.59 -0.34 0.00	23.90 -0.42 -0.36	25.02 -0.49 0.00	20.14 -0.39 -0.39	27.67 -0.44 0.00	23.30 -0.42 0.00	27.17 -0.31 0.00	29.55 -0.22 0.00	34.43 -0.36 0.00	46.80 -0.29 0.00	38.46 -0.09 0.00	49.16 0.00 0.00	62.85 -0.28 0.00	22.86 -0.15 0.00	15.49 -0.06 0.00
NEG CENTRAL___STATE_STREET 24147	14.45 -0.12 0.00	6.24 -0.02 -1.00	8.15 -0.05 -0.52	4.22 -0.03 -0.78	3.29 -0.01 -1.49	13.26 -0.08 -0.02	18.30 -0.10 -0.05	23.86 -0.12 0.00	23.00 -0.15 -0.20	25.78 -0.15 0.00	24.09 -0.20 -0.32	25.28 -0.22 0.00	20.29 -0.20 -0.34	27.85 -0.26 0.00	23.47 -0.26 0.00	27.26 -0.23 0.00	29.59 -0.17 0.00	34.59 -0.19 0.00	46.87 -0.23 0.00	38.43 -0.12 0.00	49.05 -0.11 0.00	63.01 -0.12 0.00	22.90 -0.10 0.00	15.54 -0.02 0.00
NEG MILLWOOD___DRP 24198	15.61 1.03 0.00	12.50 0.41 -6.82	11.82 0.61 -3.54	9.08 0.28 -5.32	12.11 0.15 -10.15	14.56 1.11 -0.13	20.21 1.55 -0.31	25.91 1.93 0.00	26.26 1.94 -1.37	28.11 2.19 0.00	28.26 2.10 -2.21	27.72 2.22 0.00	24.28 1.79 -2.34	30.62 2.51 0.00	25.84 2.12 0.00	29.85 2.37 0.00	32.24 2.48 0.00	37.70 2.92 0.00	50.94 3.85 0.00	41.68 3.14 0.00	53.00 3.84 0.00	67.61 4.48 0.00	24.62 1.61 0.00	16.80 1.25 0.00
NEG NORTH_FLCN_SEA 23793	14.46 -0.11 0.00	5.20 -0.05 0.00	7.58 -0.10 0.00	-11.17 -0.11 14.52	-6.24 -0.06 7.99	12.61 -0.70 0.00	17.63 -0.73 0.00	17.54 -0.93 5.51	-7.31 -1.12 29.15	-18.94 -1.23 43.65	-20.93 -1.10 43.79	-20.95 -1.07 45.39	-21.39 -0.87 40.68	-21.58 -1.24 48.45	-23.32 -1.04 46.01	-22.26 -1.23 48.51	-22.92 -1.33 51.35	-23.99 -1.49 57.28	-23.99 -1.94 69.14	-21.60 -1.53 58.61	-21.46 -2.00 68.62	-13.84 -2.31 74.66	-22.22 -0.74 44.49	-22.36 -0.65 37.26
NEG NORTH_KES_CHATEGAY 23792	14.34 -0.23 0.00	5.15 -0.11 0.00	7.49 -0.19 0.00	-10.97 -0.15 14.29	-6.12 -0.07 7.86	12.59 -0.72 0.00	17.59 -0.76 0.00	17.11 -0.99 5.88	-9.20 -1.10 31.06	-21.85 -1.27 46.51	-21.18 -1.17 43.98	-21.84 -1.15 46.20	-21.60 -0.93 40.82	-24.86 -1.34 51.63	-26.39 -1.08 49.03	-25.45 -1.25 51.69	-26.28 -1.33 54.71	-27.71 -1.46 61.03	-28.44 -1.86 73.67	-25.44 -1.53 62.45	-25.92 -1.97 73.11	-18.81 -2.39 79.55	-25.12 -0.72 47.41	-24.85 -0.69 39.71
NEG NORTH___ALICE_FALLS 23915	14.49 -0.08 0.00	5.21 -0.05 0.00	7.59 -0.08 0.00	-11.13 -0.11 14.49	-6.21 -0.06 7.97	12.69 -0.63 0.00	17.75 -0.61 0.00	17.64 -0.77 5.57	-7.45 -0.96 29.45	-19.23 -1.05 44.10	-20.80 -0.93 43.82	-20.89 -0.87 45.52	-21.29 -0.73 40.70	-21.91 -1.06 48.96	-23.68 -0.92 46.49	-22.58 -1.05 49.02	-23.22 -1.09 51.88	-24.25 -1.16 57.88	-24.28 -1.51 69.86	-21.89 -1.21 59.22	-21.75 -1.58 69.33	-14.16 -1.85 75.44	-22.53 -0.59 44.95	-22.68 -0.58 37.65
NEG NORTH___LWR_SARANAC 23913	14.49 -0.08 0.00	5.21 -0.05 0.00	7.59 -0.08 0.00	-11.13 -0.11 14.49	-6.21 -0.06 7.97	12.69 -0.63 0.00	17.75 -0.61 0.00	17.64 -0.77 5.57	-7.45 -0.96 29.45	-19.23 -1.05 44.10	-20.80 -0.93 43.82	-20.89 -0.87 45.52	-21.29 -0.73 40.70	-21.91 -1.06 48.96	-23.68 -0.92 46.49	-22.58 -1.05 49.02	-23.22 -1.09 51.88	-24.25 -1.16 57.88	-24.28 -1.51 69.86	-21.89 -1.21 59.22	-21.75 -1.58 69.33	-14.16 -1.85 75.44	-22.53 -0.59 44.95	-22.68 -0.58 37.65
NEG NORTH___PLATTSBURG 23628	14.49 -0.08 0.00	5.21 -0.05 0.00	7.59 -0.08 0.00	-11.13 -0.11 14.49	-6.21 -0.06 7.97	12.69 -0.63 0.00	17.75 -0.61 0.00	17.64 -0.77 5.57	-7.45 -0.96 29.45	-19.22 -1.05 44.10	-20.80 -0.93 43.82	-20.89 -0.87 45.52	-21.29 -0.74 40.70	-21.91 -1.06 48.96	-23.68 -0.92 46.49	-22.58 -1.05 49.02	-23.21 -1.09 51.88	-24.25 -1.16 57.88	-24.26 -1.49 69.86	-21.90 -1.22 59.22	-21.77 -1.60 69.33	-14.16 -1.85 75.44	-22.54 -0.59 44.95	-22.68 -0.59 37.65
NEG WEST_LEA_LOCKPORT 23791	13.33 -1.25 0.00	5.88 -0.43 -1.05	7.56 -0.66 -0.55	4.01 -0.27 -0.82	3.23 -0.14 -1.57	12.27 -1.07 -0.02	16.75 -1.65 -0.05	21.72 -2.26 0.00	20.93 -2.23 -0.21	23.58 -2.35 0.00	21.61 -2.69 -0.34	22.60 -2.91 0.00	18.25 -2.26 -0.36	25.41 -2.70 0.00	21.40 -2.33 0.00	25.04 -2.45 0.00	27.16 -2.60 0.00	31.54 -3.24 0.00	42.99 -4.10 0.00	35.30 -3.24 0.00	45.33 -3.84 0.00	58.02 -5.11 0.00	21.13 -1.88 0.00	14.53 -1.02 0.00
NEG WEST___LANCASTER 23811	14.16 -0.42 0.00	6.32 -0.14 -1.20	8.07 -0.24 -0.62	4.32 -0.09 -0.94	3.55 -0.05 -1.79	13.00 -0.34 -0.02	17.76 -0.65 -0.05	23.08 -0.91 0.00	22.24 -0.95 -0.24	25.04 -0.89 0.00	23.12 -1.23 -0.39	24.31 -1.19 0.00	19.56 -1.00 -0.41	27.07 -1.04 0.00	22.65 -1.08 0.00	26.47 -1.01 0.00	28.67 -1.09 0.00	33.24 -1.55 0.00	45.12 -1.97 0.00	37.11 -1.43 0.00	47.66 -1.50 0.00	61.09 -2.04 0.00	22.23 -0.78 0.00	15.26 -0.30 0.00
NEG_PENN_ALLEGHNY 23528	14.49 -0.08 0.00	7.58 0.01 -2.32	8.85 -0.02 -1.20	5.28 0.00 -1.81	5.26 0.00 -3.45	13.37 0.01 -0.04	18.45 -0.01 -0.10	23.98 0.00 0.00	23.35 -0.06 -0.46	25.93 0.00 0.00	24.70 -0.01 -0.75	25.50 -0.01 0.00	20.98 0.04 -0.79	28.21 0.10 0.00	23.75 0.03 0.00	27.54 0.06 0.00	29.82 0.06 0.00	34.80 0.01 0.00	47.03 -0.06 0.00	38.65 0.11 0.00	49.41 0.25 0.00	63.28 0.15 0.00	22.98 -0.03 0.00	15.62 0.07 0.00
NEG___GEN_MONROE 24207	13.87 -0.71 0.00	5.96 -0.24 -0.94	7.80 -0.36 -0.49	4.05 -0.15 -0.73	3.13 -0.08 -1.40	12.79 -0.55 -0.02	17.58 -0.82 -0.04	22.87 -1.11 0.00	22.05 -1.09 -0.19	24.82 -1.11 0.00	22.88 -1.38 -0.31	23.98 -1.53 0.00	19.25 -1.23 -0.32	26.75 -1.36 0.00	22.56 -1.17 0.00	26.34 -1.15 0.00	28.58 -1.18 0.00	33.29 -1.49 0.00	45.31 -1.79 0.00	37.14 -1.41 0.00	47.59 -1.57 0.00	61.02 -2.12 0.00	22.18 -0.83 0.00	15.14 -0.42 0.00
NEPA___ENERGY 23901	13.65 -0.93 0.00	6.16 -0.29 -1.20	7.81 -0.49 -0.62	4.22 -0.19 -0.94	3.49 -0.11 -1.79	12.62 -0.72 -0.02	17.28 -1.13 -0.05	22.43 -1.55 0.00	21.55 -1.65 -0.24	24.22 -1.71 0.00	22.46 -1.89 -0.39	23.53 -1.98 0.00	19.16 -1.40 -0.41	26.47 -1.64 0.00	22.24 -1.49 0.00	26.03 -1.46 0.00	28.21 -1.55 0.00	32.78 -2.00 0.00	44.13 -2.96 0.00	36.40 -2.14 0.00	46.85 -2.31 0.00	59.89 -3.24 0.00	21.74 -1.27 0.00	14.85 -0.70 0.00
NEVERSINK___HYD 23608	15.36 0.78 0.00	11.62 0.32 -6.05	11.28 0.48 -3.13	8.40 0.22 -4.72	10.92 0.11 -9.00	14.30 0.87 -0.11	19.87 1.25 -0.27	25.57 1.59 0.00	25.76 1.60 -1.21	27.75 1.82 0.00	27.68 1.76 -1.96	27.22 1.71 0.00	23.09 0.87 -2.07	29.31 1.20 0.00	24.73 1.00 0.00	28.55 1.07 0.00	30.86 1.10 0.00	36.11 1.33 0.00	48.82 1.73 0.00	40.07 1.53 0.00	52.28 3.12 0.00	66.70 3.57 0.00	24.28 1.27 0.00	16.56 1.01 0.00
NEWKRMKL_115KV_TB1 55635	15.08 0.51 0.00	13.75 0.24 -8.25	12.30 0.35 -4.27	10.06 0.16 -6.43	14.16 0.09 -12.27	14.06 0.58 -0.16	19.46 0.73 -0.37	24.82 0.84 0.00	25.47 0.87 -1.66	26.85 0.92 0.00	27.54 0.92 -2.67	26.50 1.00 0.00	23.79 0.81 -2.83	29.25 1.14 0.00	24.69 0.96 0.00	28.53 1.05 0.00	30.82 1.06 0.00	36.06 1.27 0.00	48.73 1.64 0.00	39.84 1.29 0.00	50.76 1.60 0.00	65.00 1.88 0.00	23.68 0.67 0.00	16.11 0.55 0.00

NEWTON___FALLS_HYD 23847	14.08 -0.50 0.00	5.22 -0.23 -0.20	7.47 -0.31 -0.10	-4.29 -0.15 7.61	-2.25 -0.09 3.98	12.64 -0.68 0.00	17.57 -0.80 -0.01	23.59 -0.97 -0.58	25.06 -0.99 -3.10	29.36 -1.15 -4.58	6.70 -1.00 16.26	12.48 -0.88 12.15	4.11 -0.77 15.27	32.18 -1.01 -5.08	27.87 -0.68 -4.82	31.56 -1.01 -5.09	34.58 -0.56 -5.38	40.58 -0.21 -6.00	54.23 -0.19 -7.33	44.51 -0.20 -6.17	56.16 -0.22 -7.22	70.84 -0.15 -7.86	27.69 0.00 -4.68	19.04 -0.44 -3.92
NGRID_A1_DSASP 323792	13.22 -1.36 0.00	5.86 -0.47 -1.07	7.51 -0.71 -0.55	4.00 -0.30 -0.83	3.24 -0.16 -1.59	12.16 -1.18 -0.02	16.50 -1.91 -0.05	21.27 -2.72 0.00	20.47 -2.69 -0.21	23.07 -2.86 0.00	21.16 -3.14 -0.35	22.12 -3.39 0.00	17.90 -2.62 -0.37	24.84 -3.27 0.00	20.93 -2.80 0.00	24.48 -3.01 0.00	26.55 -3.22 0.00	30.79 -3.99 0.00	41.99 -5.11 0.00	34.46 -4.08 0.00	44.29 -4.86 0.00	56.65 -6.48 0.00	20.68 -2.33 0.00	14.30 -1.26 0.00
NGRID_A2_DSASP 323793	13.22 -1.36 0.00	5.86 -0.47 -1.07	7.51 -0.71 -0.55	4.00 -0.30 -0.83	3.24 -0.16 -1.59	12.16 -1.18 -0.02	16.50 -1.91 -0.05	21.27 -2.72 0.00	20.47 -2.69 -0.21	23.07 -2.86 0.00	21.16 -3.14 -0.35	22.12 -3.39 0.00	17.90 -2.62 -0.37	24.84 -3.27 0.00	20.93 -2.80 0.00	24.48 -3.01 0.00	26.55 -3.22 0.00	30.79 -3.99 0.00	41.99 -5.11 0.00	34.46 -4.08 0.00	44.29 -4.86 0.00	56.65 -6.48 0.00	20.68 -2.33 0.00	14.30 -1.26 0.00
NGRID_A4_DSASP 323807	13.22 -1.36 0.00	5.86 -0.47 -1.07	7.51 -0.71 -0.55	4.00 -0.30 -0.83	3.24 -0.16 -1.59	12.16 -1.18 -0.02	16.50 -1.91 -0.05	21.27 -2.72 0.00	20.47 -2.69 -0.21	23.07 -2.86 0.00	21.16 -3.14 -0.35	22.12 -3.39 0.00	17.90 -2.62 -0.37	24.84 -3.27 0.00	20.93 -2.80 0.00	24.48 -3.01 0.00	26.55 -3.22 0.00	30.79 -3.99 0.00	41.99 -5.11 0.00	34.46 -4.08 0.00	44.29 -4.86 0.00	56.65 -6.48 0.00	20.68 -2.33 0.00	14.30 -1.26 0.00
NIAGARA_115E_LBMP 323715	13.12 -1.46 0.00	5.82 -0.51 -1.07	7.46 -0.77 -0.55	3.98 -0.33 -0.84	3.24 -0.17 -1.60	12.07 -1.27 -0.02	16.46 -1.94 -0.05	21.31 -2.67 0.00	20.54 -2.62 -0.21	23.15 -2.78 0.00	21.22 -3.08 -0.35	22.18 -3.33 0.00	17.95 -2.56 -0.37	24.92 -3.18 0.00	21.00 -2.73 0.00	24.57 -2.92 0.00	26.65 -3.11 0.00	30.92 -3.86 0.00	42.15 -4.94 0.00	34.59 -3.95 0.00	44.46 -4.70 0.00	56.86 -6.27 0.00	20.75 -2.26 0.00	14.30 -1.26 0.00
NIAGARA_115W_LBMP 323714	13.20 -1.37 0.00	5.85 -0.48 -1.07	7.51 -0.72 -0.55	3.99 -0.31 -0.83	3.24 -0.16 -1.59	12.14 -1.19 -0.02	16.47 -1.94 -0.05	21.21 -2.77 0.00	20.42 -2.75 -0.21	23.00 -2.93 0.00	21.11 -3.19 -0.35	22.06 -3.44 0.00	17.85 -2.66 -0.37	24.78 -3.33 0.00	20.86 -2.86 0.00	24.41 -3.08 0.00	26.47 -3.29 0.00	30.71 -4.08 0.00	41.87 -5.22 0.00	34.37 -4.18 0.00	44.15 -5.01 0.00	56.50 -6.62 0.00	20.62 -2.38 0.00	14.26 -1.29 0.00
NIAGARA_230_LBMP 323716	13.26 -1.32 0.00	5.86 -0.46 -1.06	7.54 -0.69 -0.55	4.00 -0.29 -0.82	3.23 -0.15 -1.57	12.20 -1.14 -0.02	16.64 -1.76 -0.05	21.56 -2.42 0.00	20.78 -2.38 -0.21	23.41 -2.52 0.00	21.51 -2.79 -0.34	22.50 -3.01 0.00	18.18 -2.33 -0.36	25.26 -2.85 0.00	21.25 -2.48 0.00	24.87 -2.62 0.00	26.95 -2.82 0.00	31.25 -3.53 0.00	42.58 -4.51 0.00	34.95 -3.59 0.00	44.90 -4.26 0.00	57.51 -5.62 0.00	20.98 -2.03 0.00	14.44 -1.12 0.00
NIAGARA___115KV_198_GIBSON 55903	13.20 -1.37 0.00	5.85 -0.48 -1.07	7.51 -0.72 -0.55	3.99 -0.31 -0.83	3.24 -0.16 -1.59	12.14 -1.19 -0.02	16.46 -1.94 -0.05	21.21 -2.77 0.00	20.42 -2.75 -0.21	22.98 -2.95 0.00	21.10 -3.20 -0.35	22.06 -3.44 0.00	17.84 -2.68 -0.37	24.76 -3.35 0.00	20.84 -2.88 0.00	24.38 -3.10 0.00	26.44 -3.32 0.00	30.68 -4.11 0.00	41.84 -5.25 0.00	34.35 -4.19 0.00	44.14 -5.01 0.00	56.48 -6.65 0.00	20.61 -2.40 0.00	14.24 -1.31 0.00
NIAGARA____ 23760	13.26 -1.32 0.00	5.87 -0.46 -1.07	7.54 -0.69 -0.55	4.01 -0.29 -0.83	3.25 -0.15 -1.59	12.20 -1.14 -0.02	16.64 -1.76 -0.05	21.56 -2.42 0.00	20.79 -2.38 -0.21	23.41 -2.52 0.00	21.51 -2.79 -0.34	22.50 -3.01 0.00	18.18 -2.33 -0.37	25.26 -2.85 0.00	21.25 -2.48 0.00	24.87 -2.62 0.00	26.95 -2.82 0.00	31.25 -3.53 0.00	42.58 -4.51 0.00	34.95 -3.59 0.00	44.90 -4.26 0.00	57.51 -5.62 0.00	20.98 -2.03 0.00	14.44 -1.12 0.00
NINE_MILE_1 23575	14.04 -0.53 0.00	5.63 -0.17 -0.55	7.70 -0.26 -0.28	3.78 -0.11 -0.43	2.56 -0.06 -0.81	12.89 -0.43 -0.01	17.77 -0.61 -0.02	23.18 -0.80 0.00	22.28 -0.79 -0.11	25.07 -0.86 0.00	23.30 -0.84 -0.18	24.60 -0.91 0.00	19.59 -0.75 -0.19	27.01 -1.10 0.00	22.79 -0.94 0.00	26.44 -1.05 0.00	28.66 -1.10 0.00	33.49 -1.29 0.00	45.36 -1.73 0.00	37.15 -1.40 0.00	47.42 -1.73 0.00	61.14 -1.99 0.00	22.26 -0.75 0.00	15.08 -0.48 0.00
NINE_MILE_2 23744	14.05 -0.53 0.00	5.63 -0.17 -0.54	7.70 -0.26 -0.28	3.78 -0.11 -0.43	2.56 -0.06 -0.81	12.89 -0.43 -0.01	17.77 -0.61 -0.02	23.18 -0.80 0.00	22.28 -0.78 -0.11	25.08 -0.85 0.00	23.30 -0.84 -0.18	24.60 -0.91 0.00	19.59 -0.75 -0.19	27.02 -1.09 0.00	22.79 -0.93 0.00	26.45 -1.04 0.00	28.66 -1.10 0.00	33.50 -1.29 0.00	45.36 -1.73 0.00	37.15 -1.39 0.00	47.44 -1.72 0.00	61.16 -1.97 0.00	22.26 -0.75 0.00	15.08 -0.47 0.00
NM_CAPITAL___DRP 24208	15.11 0.53 0.00	13.75 0.24 -8.25	12.31 0.36 -4.28	10.07 0.17 -6.44	14.18 0.09 -12.28	14.07 0.60 -0.16	19.47 0.75 -0.37	24.85 0.87 0.00	25.50 0.89 -1.66	26.87 0.94 0.00	27.56 0.93 -2.67	26.51 1.01 0.00	23.80 0.82 -2.83	29.26 1.15 0.00	24.69 0.97 0.00	28.53 1.05 0.00	30.81 1.05 0.00	36.04 1.26 0.00	48.72 1.63 0.00	39.83 1.28 0.00	50.77 1.61 0.00	65.04 1.91 0.00	23.71 0.69 0.00	16.12 0.57 0.00
NM_CENTRAL___DRP 24181	14.26 -0.32 0.00	5.88 -0.09 -0.72	7.90 -0.15 -0.37	3.97 -0.06 -0.56	2.85 -0.03 -1.08	13.11 -0.22 -0.01	18.09 -0.30 -0.03	23.60 -0.38 0.00	22.71 -0.39 -0.14	25.54 -0.39 0.00	23.78 -0.41 -0.23	25.05 -0.46 0.00	20.01 -0.39 -0.25	27.55 -0.55 0.00	23.24 -0.48 0.00	26.96 -0.52 0.00	29.25 -0.51 0.00	34.18 -0.60 0.00	46.28 -0.81 0.00	37.93 -0.61 0.00	48.44 -0.72 0.00	62.35 -0.78 0.00	22.66 -0.35 0.00	15.37 -0.19 0.00
NM_FRONTIER___DRP 24179	13.20 -1.37 0.00	5.85 -0.48 -1.07	7.51 -0.72 -0.55	3.99 -0.31 -0.83	3.24 -0.16 -1.59	12.14 -1.19 -0.02	16.46 -1.94 -0.05	21.21 -2.77 0.00	20.42 -2.75 -0.21	22.98 -2.95 0.00	21.10 -3.20 -0.35	22.06 -3.44 0.00	17.84 -2.68 -0.37	24.76 -3.35 0.00	20.84 -2.88 0.00	24.38 -3.10 0.00	26.44 -3.32 0.00	30.68 -4.11 0.00	41.84 -5.25 0.00	34.35 -4.19 0.00	44.14 -5.01 0.00	56.48 -6.65 0.00	20.61 -2.40 0.00	14.24 -1.31 0.00
NM_ST_REGIS___HYD 24053	14.29 -0.28 0.00	5.10 -0.16 0.00	7.44 -0.24 0.00	-8.76 -0.13 12.09	-4.91 -0.07 6.65	12.66 -0.66 0.00	17.63 -0.73 0.00	24.57 -0.86 -1.45	29.74 -0.90 -7.68	36.41 -1.04 -11.51	-1.27 -0.90 24.32	7.77 -0.70 17.03	-3.34 -0.58 22.90	40.06 -0.82 -12.77	35.20 -0.66 -12.13	39.35 -0.93 -12.79	42.42 -0.88 -13.54	48.99 -0.89 -15.10	64.25 -1.12 -18.28	53.09 -0.92 -15.47	66.12 -1.15 -18.11	81.61 -1.23 -19.71	34.55 -0.20 -11.74	24.94 -0.46 -9.84

NORTHPORT___1 23551	15.69 1.11 0.00	12.44 0.49 -6.69	11.85 0.71 -3.47	9.02 0.33 -5.22	11.93 0.16 -9.96	14.67 1.23 -0.13	20.42 1.77 -0.30	26.13 2.15 0.00	26.26 1.97 -1.34	28.23 2.30 0.00	28.33 2.20 -2.17	27.80 2.29 0.00	24.41 1.97 -2.30	30.82 2.72 0.00	26.06 2.34 0.00	30.05 2.57 0.00	32.40 2.64 0.00	37.66 2.87 0.00	51.04 3.94 0.00	41.95 3.41 0.00	53.31 4.15 0.00	67.46 4.33 0.00	24.92 1.91 0.00	17.02 1.47 0.00
NORTHPORT___2 23552	15.69 1.11 0.00	12.44 0.49 -6.69	11.85 0.71 -3.47	9.02 0.33 -5.22	11.93 0.16 -9.96	14.67 1.23 -0.13	20.42 1.77 -0.30	26.13 2.15 0.00	26.26 1.97 -1.34	28.23 2.30 0.00	28.33 2.20 -2.17	27.80 2.29 0.00	24.41 1.97 -2.30	30.82 2.72 0.00	26.06 2.34 0.00	30.05 2.57 0.00	32.40 2.64 0.00	37.66 2.87 0.00	51.04 3.94 0.00	41.95 3.41 0.00	53.31 4.15 0.00	67.46 4.33 0.00	24.92 1.91 0.00	17.02 1.47 0.00
NORTHPORT___3 23553	15.63 1.06 0.00	12.41 0.45 -6.69	11.80 0.66 -3.47	9.00 0.31 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.34 1.69 -0.30	26.05 2.06 0.00	26.22 1.92 -1.34	28.15 2.22 0.00	28.27 2.14 -2.17	27.74 2.24 0.00	24.34 1.89 -2.30	30.75 2.64 0.00	25.97 2.24 0.00	29.97 2.48 0.00	32.34 2.58 0.00	37.63 2.85 0.00	50.94 3.84 0.00	41.86 3.31 0.00	53.21 4.05 0.00	67.42 4.29 0.00	24.78 1.78 0.00	16.94 1.38 0.00
NORTHPORT___4 23650	15.63 1.06 0.00	12.41 0.45 -6.69	11.80 0.66 -3.47	9.00 0.31 -5.22	11.92 0.15 -9.96	14.61 1.17 -0.13	20.34 1.69 -0.30	26.05 2.06 0.00	26.22 1.92 -1.34	28.15 2.22 0.00	28.27 2.14 -2.17	27.74 2.24 0.00	24.34 1.89 -2.30	30.75 2.64 0.00	25.97 2.24 0.00	29.97 2.48 0.00	32.34 2.58 0.00	37.63 2.85 0.00	50.94 3.84 0.00	41.86 3.31 0.00	53.21 4.05 0.00	67.42 4.29 0.00	24.78 1.78 0.00	16.94 1.38 0.00
NORTHPORT___IC 23718	15.69 1.11 0.00	12.44 0.49 -6.69	11.85 0.71 -3.47	9.02 0.33 -5.22	11.93 0.16 -9.96	14.67 1.23 -0.13	20.42 1.77 -0.30	26.13 2.15 0.00	26.26 1.97 -1.34	28.22 2.29 0.00	28.32 2.20 -2.17	27.80 2.29 0.00	24.41 1.97 -2.30	30.82 2.71 0.00	26.07 2.34 0.00	30.06 2.57 0.00	32.41 2.64 0.00	37.66 2.87 0.00	51.03 3.94 0.00	41.95 3.41 0.00	53.31 4.15 0.00	67.46 4.33 0.00	24.92 1.91 0.00	17.02 1.47 0.00
NORTH___COUNTRY_ESR 323785	14.29 -0.29 0.00	5.12 -0.13 0.00	7.46 -0.21 0.00	-10.97 -0.16 14.28	-6.12 -0.08 7.85	12.54 -0.78 0.00	17.51 -0.84 0.00	17.00 -1.10 5.88	-9.34 -1.20 31.10	-22.02 -1.38 46.57	-21.27 -1.25 43.98	-21.95 -1.24 46.21	-21.69 -1.01 40.83	-25.02 -1.43 51.70	-26.54 -1.17 49.09	-25.64 -1.36 51.76	-26.49 -1.46 54.79	-27.97 -1.64 61.12	-28.80 -2.11 73.77	-25.75 -1.75 62.54	-26.29 -2.24 73.21	-19.24 -2.70 79.66	-25.29 -0.83 47.47	-24.97 -0.77 39.76
NPX_GEN_1385_PROXY 323591	15.67 1.09 0.00	12.48 0.53 -6.69	11.92 0.77 -3.47	9.03 0.34 -5.22	11.93 0.16 -9.96	14.61 1.16 -0.13	20.40 1.75 -0.30	26.21 2.22 0.00	26.11 1.81 -1.34	28.32 2.39 0.00	28.16 2.04 -2.17	27.60 2.09 0.00	24.35 1.91 -2.30	30.66 2.55 0.00	25.84 2.11 0.00	29.86 2.38 0.00	32.35 2.59 0.00	37.36 2.57 0.00	50.56 3.47 0.00	41.81 3.27 0.00	53.01 3.85 0.00	66.67 3.54 0.00	24.93 1.92 0.00	14.40 1.40 2.55
NPX_GEN_CSC 323557	15.71 1.14 0.00	12.45 0.50 -6.69	11.88 0.74 -3.47	9.04 0.34 -5.22	11.94 0.17 -9.96	14.81 1.37 -0.13	20.66 2.00 -0.30	26.39 2.40 0.00	26.40 2.10 -1.34	28.29 2.36 0.00	28.31 2.18 -2.17	27.74 2.23 0.00	24.32 1.88 -2.30	30.74 2.63 0.00	25.95 2.23 0.00	29.91 2.43 0.00	32.34 2.57 0.00	37.76 2.98 0.00	51.38 4.29 0.00	42.23 3.69 0.00	53.64 4.47 0.00	67.75 4.62 0.00	24.96 1.94 0.00	14.48 1.48 2.55
NSINS_S_GLNS_FALLS 23858	15.29 0.72 0.00	14.09 0.30 -8.53	12.52 0.43 -4.42	10.31 0.19 -6.66	14.60 0.10 -12.69	14.27 0.80 -0.16	19.93 1.20 -0.38	25.51 1.53 0.00	26.12 1.45 -1.71	27.50 1.57 0.00	28.24 1.52 -2.76	27.17 1.67 0.00	24.45 1.38 -2.92	30.17 2.06 0.00	25.40 1.67 0.00	29.42 1.94 0.00	31.71 1.95 0.00	37.10 2.32 0.00	50.28 3.19 0.00	41.16 2.61 0.00	52.11 2.95 0.00	66.59 3.46 0.00	24.19 1.18 0.00	16.35 0.79 0.00
NUCOR_STEEL___DRP 24197	14.45 -0.12 0.00	6.19 -0.02 -0.96	8.13 -0.05 -0.50	4.19 -0.03 -0.75	3.23 -0.01 -1.43	13.25 -0.09 -0.02	18.29 -0.11 -0.04	23.83 -0.15 0.00	22.97 -0.18 -0.19	25.76 -0.17 0.00	24.05 -0.22 -0.31	25.26 -0.25 0.00	20.26 -0.22 -0.33	27.82 -0.30 0.00	23.45 -0.28 0.00	27.23 -0.26 0.00	29.56 -0.21 0.00	34.56 -0.23 0.00	46.79 -0.30 0.00	38.36 -0.19 0.00	48.98 -0.18 0.00	62.91 -0.21 0.00	22.87 -0.14 0.00	15.52 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	14.06 -0.52 0.00	5.29 -0.22 -0.25	7.53 -0.28 -0.13	0.54 -0.13 2.80	0.45 -0.08 1.27	12.73 -0.60 0.00	17.66 -0.70 -0.01	23.38 -0.86 -0.25	23.46 -0.87 -1.39	26.89 -1.05 -2.01	16.87 -0.91 6.17	20.02 -0.88 4.60	13.53 -0.82 5.79	29.48 -0.85 -2.22	25.47 -0.37 -2.11	28.87 -0.83 -2.22	32.17 0.05 -2.35	38.15 0.74 -2.62	51.58 1.18 -3.31	42.09 0.83 -2.72	53.45 1.09 -3.19	67.98 1.38 -3.47	25.44 0.36 -2.07	16.99 -0.30 -1.73
NYISO_LBMP_REFERENCE 24008	14.58 0.00 0.00	5.26 0.00 0.00	7.67 0.00 0.00	3.47 0.00 0.00	1.81 0.00 0.00	13.32 0.00 0.00	18.36 0.00 0.00	23.98 0.00 0.00	22.95 0.00 0.00	25.93 0.00 0.00	23.96 0.00 0.00	25.50 0.00 0.00	20.15 0.00 0.00	28.11 0.00 0.00	23.72 0.00 0.00	27.48 0.00 0.00	29.76 0.00 0.00	34.78 0.00 0.00	47.09 0.00 0.00	38.54 0.00 0.00	49.16 0.00 0.00	63.13 0.00 0.00	23.01 0.00 0.00	15.56 0.00 0.00
NYPA_BRENTWD___GT 24164	15.82 1.25 0.00	12.48 0.53 -6.69	11.92 0.77 -3.47	9.05 0.36 -5.22	11.95 0.18 -9.96	14.82 1.38 -0.13	20.65 1.99 -0.30	26.45 2.46 0.00	26.59 2.29 -1.34	28.57 2.64 0.00	28.64 2.51 -2.17	28.12 2.61 0.00	24.64 2.20 -2.30	31.15 3.04 0.00	26.32 2.60 0.00	30.37 2.89 0.00	32.80 3.03 0.00	38.20 3.41 0.00	51.78 4.69 0.00	42.55 4.01 0.00	54.05 4.89 0.00	68.38 5.25 0.00	25.16 2.15 0.00	17.17 1.62 0.00
NYPA_GOWANUS___GT5 24156	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.48 0.00	37.73 2.95 0.00	50.99 3.90 0.00	41.82 3.28 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00
NYPA_GOWANUS___GT6 24157	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.24 -2.17	27.88 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.89 2.41 0.00	32.25 2.48 0.00	37.73 2.95 0.00	50.99 3.90 0.00	41.82 3.28 0.00	53.17 4.00 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00

NYPA_HARLEM__RVR__GT1 24160	15.57 0.99 0.00	12.37 0.42 -6.70	11.75 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.53 1.08 -0.13	20.13 1.48 -0.30	25.80 1.82 0.00	26.17 1.88 -1.34	28.01 2.08 0.00	28.17 2.05 -2.17	27.69 2.18 0.00	24.19 1.75 -2.30	30.53 2.42 0.00	25.79 2.06 0.00	29.66 2.18 0.00	32.04 2.28 0.00	37.37 2.59 0.00	50.53 3.44 0.00	41.55 3.01 0.00	52.63 3.47 0.00	67.07 3.94 0.00	24.52 1.51 0.00	16.82 1.27 0.00
NYPA_HARLEM__RVR__GT2 24161	15.57 0.99 0.00	12.37 0.42 -6.70	11.75 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.53 1.08 -0.13	20.13 1.48 -0.30	25.80 1.82 0.00	26.17 1.88 -1.34	28.01 2.08 0.00	28.17 2.05 -2.17	27.69 2.18 0.00	24.19 1.75 -2.30	30.53 2.42 0.00	25.79 2.06 0.00	29.66 2.18 0.00	32.04 2.28 0.00	37.37 2.59 0.00	50.53 3.44 0.00	41.55 3.01 0.00	52.63 3.47 0.00	67.07 3.94 0.00	24.52 1.51 0.00	16.82 1.27 0.00
NYPA_KENT____GT 24152	15.68 1.10 0.00	12.41 0.45 -6.70	11.80 0.66 -3.47	9.00 0.31 -5.23	11.93 0.16 -9.97	14.63 1.18 -0.13	20.25 1.59 -0.30	25.95 1.97 0.00	26.30 2.01 -1.34	28.20 2.27 0.00	28.31 2.18 -2.17	27.81 2.31 0.00	24.31 1.86 -2.30	30.72 2.62 0.00	25.93 2.20 0.00	29.85 2.37 0.00	32.21 2.45 0.00	37.66 2.88 0.00	50.89 3.80 0.00	41.74 3.19 0.00	53.01 3.85 0.00	67.51 4.38 0.00	24.66 1.65 0.00	16.90 1.34 0.00
NYPA_POUCH1____GT 24155	15.66 1.09 0.00	12.40 0.44 -6.70	11.79 0.65 -3.47	9.00 0.31 -5.23	11.93 0.16 -9.97	14.61 1.17 -0.13	20.25 1.60 -0.30	25.95 1.96 0.00	26.29 1.99 -1.34	28.17 2.24 0.00	28.28 2.15 -2.17	27.79 2.28 0.00	24.27 1.83 -2.30	30.69 2.58 0.00	25.87 2.15 0.00	29.75 2.27 0.00	32.13 2.37 0.00	37.63 2.85 0.00	50.88 3.78 0.00	41.74 3.19 0.00	53.08 3.92 0.00	67.60 4.47 0.00	24.70 1.69 0.00	16.92 1.37 0.00
NYPA_VERNON____GT2 24162	15.65 1.07 0.00	12.40 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.16 -0.13	20.20 1.54 -0.30	25.90 1.91 0.00	26.25 1.95 -1.34	28.14 2.21 0.00	28.26 2.13 -2.17	27.76 2.26 0.00	24.26 1.82 -2.30	30.65 2.55 0.00	25.87 2.15 0.00	29.81 2.32 0.00	32.17 2.41 0.00	37.59 2.80 0.00	50.78 3.68 0.00	41.63 3.09 0.00	52.84 3.68 0.00	67.32 4.19 0.00	24.58 1.57 0.00	16.85 1.30 0.00
NYPA_VERNON____GT3 24163	15.65 1.07 0.00	12.40 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.16 -0.13	20.20 1.54 -0.30	25.90 1.91 0.00	26.25 1.95 -1.34	28.14 2.21 0.00	28.26 2.13 -2.17	27.76 2.26 0.00	24.26 1.82 -2.30	30.65 2.55 0.00	25.87 2.15 0.00	29.81 2.32 0.00	32.17 2.41 0.00	37.59 2.80 0.00	50.78 3.68 0.00	41.63 3.09 0.00	52.84 3.68 0.00	67.32 4.19 0.00	24.58 1.57 0.00	16.85 1.30 0.00
NYPA__ASTORIA_CC1 323568	15.64 1.06 0.00	12.39 0.44 -6.70	11.78 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.18 1.52 -0.30	25.87 1.89 0.00	26.22 1.93 -1.34	28.11 2.18 0.00	28.23 2.10 -2.17	27.73 2.23 0.00	24.24 1.79 -2.30	30.62 2.51 0.00	25.84 2.12 0.00	29.76 2.28 0.00	32.14 2.37 0.00	37.54 2.76 0.00	50.72 3.63 0.00	41.59 3.05 0.00	52.78 3.62 0.00	67.25 4.12 0.00	24.55 1.54 0.00	16.84 1.28 0.00
NYPA__ASTORIA_CC2 323569	15.64 1.06 0.00	12.39 0.44 -6.70	11.78 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.15 -0.13	20.18 1.52 -0.30	25.87 1.89 0.00	26.22 1.93 -1.34	28.11 2.18 0.00	28.23 2.10 -2.17	27.73 2.23 0.00	24.24 1.79 -2.30	30.62 2.51 0.00	25.84 2.12 0.00	29.76 2.28 0.00	32.14 2.37 0.00	37.54 2.76 0.00	50.72 3.63 0.00	41.59 3.05 0.00	52.78 3.62 0.00	67.25 4.12 0.00	24.55 1.54 0.00	16.84 1.28 0.00
NYPA__HOLTSVILL 23794	15.73 1.15 0.00	12.45 0.50 -6.69	11.88 0.73 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.77 1.32 -0.13	20.58 1.92 -0.30	26.31 2.33 0.00	26.43 2.13 -1.34	28.36 2.43 0.00	28.42 2.29 -2.17	27.87 2.36 0.00	24.43 1.99 -2.30	30.88 2.77 0.00	26.08 2.36 0.00	30.07 2.59 0.00	32.46 2.70 0.00	37.85 3.07 0.00	51.40 4.30 0.00	42.26 3.72 0.00	53.67 4.51 0.00	67.89 4.76 0.00	24.98 1.97 0.00	17.06 1.51 0.00
NYPA__HELLGATE_GT1 24158	15.57 0.99 0.00	12.37 0.42 -6.70	11.75 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.53 1.08 -0.13	20.13 1.48 -0.30	25.80 1.82 0.00	26.17 1.88 -1.34	28.01 2.08 0.00	28.17 2.05 -2.17	27.69 2.18 0.00	24.19 1.75 -2.30	30.53 2.42 0.00	25.79 2.06 0.00	29.66 2.18 0.00	32.04 2.28 0.00	37.37 2.59 0.00	50.53 3.44 0.00	41.55 3.01 0.00	52.63 3.47 0.00	67.07 3.94 0.00	24.52 1.51 0.00	16.82 1.27 0.00
NYPA__HELLGATE_GT2 24159	15.57 0.99 0.00	12.37 0.42 -6.70	11.75 0.60 -3.47	8.97 0.28 -5.23	11.92 0.14 -9.97	14.53 1.08 -0.13	20.13 1.48 -0.30	25.80 1.82 0.00	26.17 1.88 -1.34	28.01 2.08 0.00	28.17 2.05 -2.17	27.69 2.18 0.00	24.19 1.75 -2.30	30.53 2.42 0.00	25.79 2.06 0.00	29.66 2.18 0.00	32.04 2.28 0.00	37.37 2.59 0.00	50.53 3.44 0.00	41.55 3.01 0.00	52.63 3.47 0.00	67.07 3.94 0.00	24.52 1.51 0.00	16.82 1.27 0.00
NYS_BARGE__HYD 23848	13.34 -1.23 0.00	5.88 -0.43 -1.05	7.57 -0.65 -0.54	4.02 -0.27 -0.82	3.23 -0.14 -1.56	12.29 -1.05 -0.02	16.78 -1.63 -0.05	21.75 -2.23 0.00	20.96 -2.20 -0.21	23.62 -2.31 0.00	21.63 -2.66 -0.34	22.61 -2.89 0.00	18.29 -2.22 -0.36	25.44 -2.66 0.00	21.45 -2.28 0.00	25.10 -2.39 0.00	27.23 -2.53 0.00	31.62 -3.17 0.00	43.08 -4.01 0.00	35.36 -3.19 0.00	45.41 -3.75 0.00	58.11 -5.03 0.00	21.17 -1.84 0.00	14.57 -0.98 0.00
OAK_ORCHARD__HYD 24046	13.81 -0.76 0.00	5.94 -0.25 -0.94	7.77 -0.39 -0.48	4.03 -0.16 -0.73	3.12 -0.08 -1.39	12.73 -0.61 -0.02	17.50 -0.90 -0.04	22.79 -1.20 0.00	21.98 -1.16 -0.19	24.73 -1.20 0.00	22.84 -1.42 -0.30	23.94 -1.56 0.00	19.24 -1.23 -0.32	26.68 -1.43 0.00	22.48 -1.24 0.00	26.24 -1.25 0.00	28.46 -1.30 0.00	33.15 -1.63 0.00	45.09 -2.00 0.00	36.96 -1.59 0.00	47.32 -1.84 0.00	60.74 -2.39 0.00	22.08 -0.93 0.00	15.06 -0.49 0.00
OAKDALE__35_KV_LOAD 356122	14.49 -0.08 0.00	7.57 0.01 -2.30	8.85 -0.02 -1.19	5.27 0.00 -1.80	5.24 0.00 -3.42	13.37 0.01 -0.04	18.45 -0.01 -0.10	23.97 -0.01 0.00	23.34 -0.07 -0.46	25.91 -0.02 0.00	24.68 -0.02 -0.75	25.47 -0.03 0.00	20.96 0.02 -0.79	28.18 0.07 0.00	23.74 0.01 0.00	27.52 0.04 0.00	29.80 0.04 0.00	34.78 -0.01 0.00	47.00 -0.09 0.00	38.61 0.07 0.00	49.36 0.20 0.00	63.23 0.10 0.00	22.98 -0.03 0.00	15.62 0.07 0.00
OCC_CHEM__DRP 24175	13.22 -1.35 0.00	5.86 -0.47 -1.07	7.52 -0.71 -0.55	4.00 -0.30 -0.83	3.24 -0.16 -1.59	12.16 -1.18 -0.02	16.50 -1.91 -0.05	21.27 -2.72 0.00	20.47 -2.70 -0.21	23.05 -2.88 0.00	21.16 -3.15 -0.35	22.12 -3.39 0.00	17.88 -2.63 -0.37	24.83 -3.28 0.00	20.90 -2.82 0.00	24.45 -3.04 0.00	26.51 -3.25 0.00	30.77 -4.02 0.00	41.96 -5.13 0.00	34.45 -4.09 0.00	44.26 -4.90 0.00	56.63 -6.50 0.00	20.67 -2.34 0.00	14.28 -1.28 0.00

OH_GEN_PROXY 24063	13.29 -1.28 0.00	5.88 -0.44 -1.07	7.55 -0.67 -0.55	4.01 -0.29 -0.83	3.25 -0.15 -1.59	12.23 -1.10 -0.02	16.70 -1.70 -0.05	21.66 -2.33 0.00	20.87 -2.30 -0.21	23.51 -2.42 0.00	21.61 -2.69 -0.35	22.61 -2.89 0.00	18.28 -2.24 -0.37	25.38 -2.73 0.00	21.35 -2.38 0.00	24.97 -2.51 0.00	27.06 -2.70 0.00	31.38 -3.40 0.00	42.74 -4.35 0.00	35.09 -3.45 0.00	45.09 -4.07 0.00	57.75 -5.38 0.00	21.06 -1.95 0.00	11.93 -1.07 2.55
OLIN_CORP_DRP 24177	13.15 -1.43 0.00	5.84 -0.50 -1.08	7.48 -0.76 -0.56	3.99 -0.32 -0.84	3.25 -0.17 -1.60	12.10 -1.24 -0.02	16.50 -1.91 -0.05	21.37 -2.61 0.00	20.60 -2.57 -0.22	23.19 -2.74 0.00	21.28 -3.03 -0.35	22.24 -3.26 0.00	17.98 -2.53 -0.37	24.97 -3.14 0.00	21.03 -2.70 0.00	24.60 -2.89 0.00	26.68 -3.08 0.00	30.97 -3.82 0.00	42.24 -4.85 0.00	34.68 -3.86 0.00	44.54 -4.62 0.00	57.00 -6.13 0.00	20.79 -2.22 0.00	14.31 -1.24 0.00
OLIN_CORP_DSASP 323712	13.22 -1.36 0.00	5.86 -0.47 -1.07	7.51 -0.71 -0.55	4.00 -0.30 -0.83	3.24 -0.16 -1.59	12.16 -1.18 -0.02	16.50 -1.91 -0.05	21.27 -2.72 0.00	20.47 -2.69 -0.21	23.07 -2.86 0.00	21.16 -3.14 -0.35	22.12 -3.39 0.00	17.90 -2.62 -0.37	24.84 -3.27 0.00	20.93 -2.80 0.00	24.48 -3.01 0.00	26.55 -3.22 0.00	30.79 -3.99 0.00	41.99 -5.11 0.00	34.46 -4.08 0.00	44.29 -4.86 0.00	56.65 -6.48 0.00	20.68 -2.33 0.00	14.30 -1.26 0.00
ONEIDA_HERK_LFGE 323681	14.58 0.01 0.00	5.45 -0.01 -0.20	7.79 0.01 -0.11	2.72 0.00 0.75	1.61 -0.01 0.20	13.31 -0.01 0.00	18.44 0.07 -0.01	24.22 0.11 -0.12	23.69 0.07 -0.66	26.92 0.06 -0.93	22.31 0.10 1.74	24.38 0.13 1.25	18.55 0.04 1.63	29.34 0.21 -1.02	25.02 0.32 -0.97	28.71 0.20 -1.02	31.48 0.63 -1.08	37.02 1.02 -1.21	49.62 1.37 -1.16	40.99 1.16 -1.29	52.18 1.50 -1.52	66.65 1.86 -1.65	24.59 0.59 -0.98	16.57 0.18 -0.82
ONEIDA___115KV_TB4 55905	14.80 0.22 0.00	5.70 0.08 -0.36	7.99 0.13 -0.19	3.80 0.06 -0.28	2.37 0.03 -0.54	13.58 0.26 -0.01	18.80 0.43 -0.02	24.55 0.57 0.00	23.54 0.51 -0.07	26.50 0.57 0.00	24.61 0.54 -0.12	26.08 0.57 0.00	20.68 0.41 -0.12	28.77 0.66 0.00	24.33 0.60 0.00	28.14 0.65 0.00	30.66 0.90 0.00	35.89 1.10 0.00	48.50 1.41 0.00	39.71 1.17 0.00	50.70 1.54 0.00	65.07 1.94 0.00	23.63 0.62 0.00	15.94 0.39 0.00
ONONDAGA_REF_OCCRA 23987	14.36 -0.22 0.00	6.10 -0.06 -0.90	8.05 -0.10 -0.47	4.13 -0.04 -0.70	3.13 -0.02 -1.34	13.21 -0.12 -0.02	18.23 -0.16 -0.04	23.78 -0.20 0.00	22.91 -0.22 -0.18	25.72 -0.21 0.00	24.02 -0.23 -0.29	25.23 -0.27 0.00	20.23 -0.23 -0.31	27.79 -0.32 0.00	23.44 -0.28 0.00	27.18 -0.30 0.00	29.50 -0.26 0.00	34.49 -0.30 0.00	46.70 -0.39 0.00	38.27 -0.27 0.00	48.86 -0.30 0.00	62.84 -0.29 0.00	22.84 -0.17 0.00	15.49 -0.07 0.00
ONONDAGA___COGEN 23986	14.35 -0.22 0.00	6.02 -0.06 -0.83	8.00 -0.10 -0.43	4.07 -0.04 -0.65	3.02 -0.02 -1.23	13.20 -0.14 -0.02	18.21 -0.19 -0.04	23.75 -0.23 0.00	22.87 -0.25 -0.17	25.68 -0.24 0.00	23.95 -0.27 -0.27	25.19 -0.32 0.00	20.16 -0.27 -0.28	27.72 -0.39 0.00	23.37 -0.35 0.00	27.12 -0.37 0.00	29.43 -0.33 0.00	34.41 -0.38 0.00	46.60 -0.49 0.00	38.18 -0.36 0.00	48.74 -0.42 0.00	62.71 -0.42 0.00	22.80 -0.21 0.00	15.45 -0.10 0.00
ONTARIO___LFGE 23819	14.22 -0.35 0.00	6.30 -0.08 -1.13	8.10 -0.16 -0.58	4.29 -0.06 -0.88	3.46 -0.03 -1.68	13.12 -0.21 -0.02	18.14 -0.27 -0.05	23.67 -0.32 0.00	22.82 -0.36 -0.23	25.59 -0.34 0.00	23.90 -0.42 -0.36	25.02 -0.49 0.00	20.14 -0.39 -0.39	27.67 -0.44 0.00	23.30 -0.43 0.00	27.18 -0.31 0.00	29.54 -0.22 0.00	34.42 -0.36 0.00	46.80 -0.29 0.00	38.46 -0.09 0.00	49.16 0.00 0.00	62.85 -0.28 0.00	22.86 -0.15 0.00	15.49 -0.06 0.00
ORANGEVILLE_WT_PWR 323706	13.15 -1.42 0.00	5.85 -0.51 -1.10	7.52 -0.73 -0.57	4.03 -0.30 -0.86	3.29 -0.16 -1.64	12.11 -1.23 -0.02	16.56 -1.85 -0.05	21.48 -2.50 0.00	20.67 -2.50 -0.22	23.36 -2.57 0.00	21.45 -2.87 -0.36	22.46 -3.04 0.00	18.11 -2.41 -0.38	25.14 -2.97 0.00	21.11 -2.61 0.00	24.76 -2.73 0.00	26.89 -2.87 0.00	31.27 -3.52 0.00	42.58 -4.51 0.00	35.02 -3.52 0.00	44.93 -4.23 0.00	57.48 -5.65 0.00	20.92 -2.09 0.00	14.33 -1.23 0.00
ORANGEVILLE___ESR 323794	13.15 -1.42 0.00	5.85 -0.51 -1.10	7.52 -0.73 -0.57	4.03 -0.30 -0.86	3.29 -0.16 -1.64	12.11 -1.23 -0.02	16.56 -1.85 -0.05	21.48 -2.50 0.00	20.67 -2.50 -0.22	23.36 -2.57 0.00	21.45 -2.87 -0.36	22.46 -3.04 0.00	18.11 -2.41 -0.38	25.14 -2.97 0.00	21.11 -2.61 0.00	24.76 -2.73 0.00	26.89 -2.87 0.00	31.27 -3.52 0.00	42.58 -4.51 0.00	35.02 -3.52 0.00	44.93 -4.23 0.00	57.48 -5.65 0.00	20.92 -2.09 0.00	14.33 -1.23 0.00
OSWEGATCHIE___HYD 24044	14.08 -0.50 0.00	5.22 -0.23 -0.20	7.47 -0.31 -0.10	-4.29 -0.15 7.61	-2.25 -0.09 3.98	12.64 -0.68 0.00	17.57 -0.80 -0.01	23.59 -0.97 -0.58	25.06 -0.99 -3.10	29.36 -1.15 -4.58	6.70 -1.00 16.26	12.48 -0.88 12.15	4.11 -0.77 15.27	32.18 -1.01 -5.08	27.87 -0.68 -4.82	31.56 -1.01 -5.09	34.58 -0.56 -5.38	40.58 -0.21 -6.00	54.22 -0.20 -7.33	44.51 -0.20 -6.17	56.16 -0.22 -7.22	70.84 -0.15 -7.86	27.69 0.00 -4.68	19.04 -0.44 -3.92
OSWEGO___5 23606	14.13 -0.44 0.00	5.73 -0.14 -0.61	7.78 -0.22 -0.32	3.85 -0.09 -0.48	2.67 -0.05 -0.91	12.98 -0.35 -0.01	17.89 -0.50 -0.03	23.33 -0.66 0.00	22.43 -0.64 -0.12	25.23 -0.70 0.00	23.47 -0.68 -0.20	24.76 -0.75 0.00	19.74 -0.62 -0.21	27.22 -0.89 0.00	22.96 -0.77 0.00	26.64 -0.84 0.00	28.88 -0.88 0.00	33.75 -1.03 0.00	45.71 -1.39 0.00	37.44 -1.10 0.00	47.81 -1.35 0.00	61.58 -1.55 0.00	22.41 -0.60 0.00	15.18 -0.37 0.00
OSWEGO___6 23613	14.13 -0.44 0.00	5.73 -0.14 -0.61	7.78 -0.22 -0.32	3.85 -0.09 -0.48	2.67 -0.05 -0.91	12.98 -0.35 -0.01	17.89 -0.50 -0.03	23.33 -0.66 0.00	22.43 -0.64 -0.12	25.23 -0.70 0.00	23.47 -0.68 -0.20	24.76 -0.75 0.00	19.74 -0.62 -0.21	27.22 -0.89 0.00	22.96 -0.77 0.00	26.64 -0.84 0.00	28.88 -0.88 0.00	33.75 -1.03 0.00	45.71 -1.39 0.00	37.44 -1.10 0.00	47.81 -1.35 0.00	61.58 -1.55 0.00	22.41 -0.60 0.00	15.18 -0.37 0.00
OUTOKUMPU-AB___DRP 24206	13.50 -1.08 0.00	5.96 -0.37 -1.08	7.66 -0.57 -0.56	4.07 -0.24 -0.84	3.29 -0.13 -1.61	12.42 -0.92 -0.02	16.94 -1.47 -0.05	21.94 -2.04 0.00	21.11 -2.06 -0.22	23.79 -2.14 0.00	21.84 -2.47 -0.35	22.83 -2.68 0.00	18.46 -2.06 -0.37	25.69 -2.42 0.00	21.62 -2.11 0.00	25.30 -2.18 0.00	27.45 -2.32 0.00	31.87 -2.91 0.00	43.43 -3.67 0.00	35.65 -2.89 0.00	45.81 -3.35 0.00	58.62 -4.51 0.00	21.33 -1.68 0.00	14.67 -0.88 0.00
OXBOW___BTM 323836	13.38 -1.19 0.00	5.92 -0.41 -1.08	7.60 -0.63 -0.56	4.04 -0.27 -0.84	3.27 -0.14 -1.60	12.31 -1.02 -0.02	16.76 -1.65 -0.05	21.65 -2.33 0.00	20.84 -2.32 -0.22	23.49 -2.44 0.00	21.55 -2.76 -0.35	22.53 -2.98 0.00	18.23 -2.29 -0.37	25.34 -2.77 0.00	21.34 -2.39 0.00	24.96 -2.52 0.00	27.08 -2.68 0.00	31.43 -3.35 0.00	42.84 -4.25 0.00	35.16 -3.38 0.00	45.17 -3.99 0.00	57.79 -5.33 0.00	21.07 -1.94 0.00	14.53 -1.03 0.00

OXBOW____ 24026	13.38 -1.19 0.00	5.92 -0.41 -1.08	7.60 -0.63 -0.56	4.04 -0.27 -0.84	3.27 -0.14 -1.60	12.31 -1.02 -0.02	16.75 -1.65 -0.05	21.65 -2.33 0.00	20.84 -2.33 -0.22	23.47 -2.46 0.00	21.54 -2.76 -0.35	22.53 -2.98 0.00	18.21 -2.30 -0.37	25.32 -2.79 0.00	21.31 -2.42 0.00	24.94 -2.55 0.00	27.05 -2.71 0.00	31.41 -3.38 0.00	42.81 -4.29 0.00	35.15 -3.39 0.00	45.16 -4.00 0.00	57.77 -5.36 0.00	21.05 -1.96 0.00	14.51 -1.05 0.00
OXY_CHEM_DSASP 323612	13.22 -1.35 0.00	5.86 -0.47 -1.07	7.52 -0.71 -0.55	4.00 -0.30 -0.83	3.24 -0.16 -1.59	12.16 -1.18 -0.02	16.50 -1.91 -0.05	21.27 -2.72 0.00	20.47 -2.70 -0.21	23.05 -2.88 0.00	21.16 -3.15 -0.35	22.12 -3.39 0.00	17.88 -2.63 -0.37	24.83 -3.28 0.00	20.90 -2.82 0.00	24.45 -3.04 0.00	26.51 -3.25 0.00	30.77 -4.02 0.00	41.96 -5.13 0.00	34.45 -4.09 0.00	44.26 -4.90 0.00	56.63 -6.50 0.00	20.67 -2.34 0.00	14.28 -1.28 0.00
OZONE_PARK_ESR 323760	15.73 1.16 0.00	12.42 0.46 -6.70	11.83 0.68 -3.47	9.01 0.32 -5.23	11.94 0.16 -9.97	14.68 1.24 -0.13	20.33 1.67 -0.30	26.08 2.10 0.00	26.43 2.13 -1.34	28.34 2.41 0.00	28.43 2.30 -2.17	27.95 2.44 0.00	24.42 1.98 -2.30	30.88 2.77 0.00	26.06 2.33 0.00	30.07 2.58 0.00	32.44 2.68 0.00	37.90 3.11 0.00	51.19 4.10 0.00	41.92 3.37 0.00	53.26 4.10 0.00	67.87 4.73 0.00	24.76 1.75 0.00	16.94 1.39 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.22 -1.35 0.00	5.86 -0.47 -1.07	7.52 -0.71 -0.55	4.00 -0.30 -0.83	3.24 -0.16 -1.59	12.16 -1.18 -0.02	16.50 -1.91 -0.05	21.27 -2.72 0.00	20.47 -2.70 -0.21	23.05 -2.88 0.00	21.16 -3.15 -0.35	22.12 -3.39 0.00	17.88 -2.63 -0.37	24.83 -3.28 0.00	20.90 -2.82 0.00	24.45 -3.04 0.00	26.51 -3.25 0.00	30.77 -4.02 0.00	41.96 -5.13 0.00	34.45 -4.09 0.00	44.26 -4.90 0.00	56.63 -6.50 0.00	20.67 -2.34 0.00	14.28 -1.28 0.00
PACKARD__115KV_DUPONT_184 80571	13.22 -1.35 0.00	5.86 -0.47 -1.07	7.52 -0.71 -0.55	4.00 -0.30 -0.83	3.24 -0.16 -1.59	12.16 -1.18 -0.02	16.50 -1.91 -0.05	21.27 -2.72 0.00	20.47 -2.70 -0.21	23.05 -2.88 0.00	21.16 -3.15 -0.35	22.12 -3.39 0.00	17.88 -2.63 -0.37	24.83 -3.28 0.00	20.90 -2.82 0.00	24.45 -3.04 0.00	26.51 -3.25 0.00	30.77 -4.02 0.00	41.96 -5.13 0.00	34.45 -4.09 0.00	44.26 -4.90 0.00	56.63 -6.50 0.00	20.67 -2.34 0.00	14.28 -1.28 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	15.57 0.99 0.00	12.38 0.42 -6.70	11.76 0.62 -3.47	8.98 0.28 -5.23	11.92 0.15 -9.97	14.55 1.10 -0.13	20.14 1.48 -0.30	25.81 1.83 0.00	26.16 1.87 -1.34	28.00 2.07 0.00	28.15 2.02 -2.17	27.66 2.15 0.00	24.16 1.72 -2.30	30.50 2.39 0.00	25.75 2.03 0.00	29.64 2.16 0.00	32.01 2.25 0.00	37.40 2.62 0.00	50.56 3.47 0.00	41.51 2.97 0.00	52.59 3.43 0.00	67.03 3.90 0.00	24.50 1.49 0.00	16.80 1.25 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	15.62 1.04 0.00	12.41 0.45 -6.70	11.80 0.66 -3.47	9.00 0.30 -5.23	11.93 0.16 -9.97	14.62 1.18 -0.13	20.24 1.59 -0.30	25.95 1.97 0.00	26.34 2.05 -1.34	28.22 2.29 0.00	28.36 2.23 -2.17	27.90 2.39 0.00	24.30 1.86 -2.30	30.69 2.59 0.00	25.89 2.17 0.00	29.80 2.32 0.00	32.21 2.45 0.00	37.68 2.90 0.00	50.93 3.84 0.00	41.81 3.26 0.00	52.94 3.78 0.00	67.49 4.36 0.00	24.67 1.66 0.00	16.93 1.37 0.00
PATROON__115KV_TB1 80586	15.12 0.55 0.00	13.77 0.25 -8.26	12.32 0.37 -4.28	10.08 0.17 -6.44	14.18 0.09 -12.28	14.09 0.61 -0.16	19.51 0.78 -0.37	24.89 0.91 0.00	25.54 0.93 -1.66	26.93 0.99 0.00	27.62 0.99 -2.67	26.58 1.08 0.00	23.85 0.87 -2.83	29.34 1.23 0.00	24.76 1.03 0.00	28.62 1.13 0.00	30.91 1.15 0.00	36.16 1.38 0.00	48.87 1.78 0.00	39.95 1.41 0.00	50.89 1.73 0.00	65.16 2.03 0.00	23.74 0.73 0.00	16.15 0.59 0.00
PATTRSNVILLE__SOLAR 323815	15.14 0.57 0.00	14.24 0.22 -8.77	12.54 0.32 -4.54	10.45 0.15 -6.84	14.93 0.08 -13.05	14.07 0.58 -0.17	19.57 0.82 -0.39	25.02 1.04 0.00	25.73 1.02 -1.76	27.03 1.10 0.00	27.81 1.01 -2.84	26.63 1.13 0.00	24.06 0.91 -3.01	29.41 1.30 0.00	24.84 1.11 0.00	28.75 1.27 0.00	31.10 1.34 0.00	36.37 1.58 0.00	49.20 2.11 0.00	40.24 1.70 0.00	51.25 2.09 0.00	65.64 2.51 0.00	23.90 0.89 0.00	16.19 0.63 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	14.16 -0.42 0.00	6.29 -0.14 -1.18	8.05 -0.24 -0.61	4.30 -0.09 -0.92	3.51 -0.05 -1.76	13.01 -0.33 -0.02	17.78 -0.63 -0.05	23.10 -0.88 0.00	22.27 -0.92 -0.24	25.09 -0.84 0.00	23.14 -1.20 -0.38	24.32 -1.18 0.00	19.58 -0.97 -0.40	26.88 -1.23 0.00	22.44 -1.28 0.00	26.25 -1.23 0.00	28.45 -1.32 0.00	32.99 -1.79 0.00	44.83 -2.26 0.00	36.87 -1.68 0.00	47.34 -1.82 0.00	60.62 -2.51 0.00	22.05 -0.96 0.00	15.13 -0.42 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	15.61 1.03 0.00	12.50 0.41 -6.82	11.82 0.61 -3.54	9.08 0.28 -5.32	12.11 0.15 -10.15	14.56 1.11 -0.13	20.21 1.55 -0.31	25.91 1.93 0.00	26.26 1.94 -1.37	28.11 2.19 0.00	28.26 2.10 -2.21	27.72 2.22 0.00	24.28 1.79 -2.34	30.62 2.51 0.00	25.84 2.12 0.00	29.85 2.37 0.00	32.24 2.48 0.00	37.70 2.92 0.00	50.94 3.85 0.00	41.68 3.14 0.00	53.00 3.84 0.00	67.61 4.48 0.00	24.62 1.61 0.00	16.80 1.25 0.00
PEEKSKILL____ 23653	15.50 0.93 0.00	12.24 0.38 -6.61	11.66 0.56 -3.42	8.89 0.27 -5.15	11.77 0.14 -9.83	14.46 1.02 -0.13	20.06 1.40 -0.30	25.72 1.74 0.00	26.02 1.75 -1.33	27.90 1.97 0.00	27.99 1.89 -2.14	27.50 2.00 0.00	24.03 1.62 -2.26	30.37 2.27 0.00	25.65 1.92 0.00	29.61 2.12 0.00	31.97 2.21 0.00	37.38 2.59 0.00	50.47 3.37 0.00	41.30 2.75 0.00	52.53 3.37 0.00	67.03 3.90 0.00	24.44 1.43 0.00	16.69 1.13 0.00
PGE MADISON__WINDPWR 24146	15.08 0.50 0.00	7.72 0.23 -2.23	9.07 0.24 -1.16	5.33 0.12 -1.74	5.21 0.08 -3.33	13.84 0.48 -0.04	19.24 0.79 -0.10	25.07 1.09 0.00	24.18 0.78 -0.45	26.94 1.01 0.00	25.71 1.03 -0.72	26.57 1.06 0.00	21.71 0.80 -0.77	29.34 1.23 0.00	24.73 1.00 0.00	28.56 1.08 0.00	31.10 1.34 0.00	36.55 1.77 0.00	49.41 2.31 0.00	40.86 2.31 0.00	53.19 4.03 0.00	67.86 4.74 0.00	24.33 1.32 0.00	16.52 0.97 0.00
PIERCEFIELD__HYD 23852	14.24 -0.34 0.00	5.07 -0.19 0.00	7.41 -0.27 0.00	-8.36 -0.14 11.69	-4.69 -0.07 6.43	12.64 -0.67 0.00	17.58 -0.78 0.00	23.93 -0.91 -0.85	26.52 -0.93 -4.50	31.61 -1.06 -6.74	-1.59 -0.92 24.64	6.45 -0.68 18.38	-3.57 -0.56 23.15	34.80 -0.79 -7.47	30.19 -0.63 -7.10	34.03 -0.94 -7.48	36.81 -0.87 -7.92	42.73 -0.88 -8.84	56.66 -1.14 -10.71	46.69 -0.91 -9.06	58.63 -1.13 -10.61	73.48 -1.19 -11.54	29.73 -0.16 -6.88	20.87 -0.45 -5.76
PINELAWN_CC_1 323563	15.74 1.16 0.00	12.44 0.49 -6.69	11.86 0.71 -3.47	9.02 0.33 -5.22	11.93 0.16 -9.96	14.72 1.28 -0.13	20.51 1.85 -0.30	26.29 2.31 0.00	26.47 2.18 -1.34	28.44 2.51 0.00	28.53 2.41 -2.17	28.01 2.51 0.00	24.54 2.09 -2.30	31.01 2.90 0.00	26.20 2.48 0.00	30.25 2.76 0.00	32.67 2.91 0.00	38.05 3.26 0.00	51.52 4.43 0.00	42.30 3.76 0.00	53.76 4.60 0.00	68.11 4.98 0.00	25.00 1.99 0.00	17.07 1.51 0.00

PJM_GEN_HTP_PROXY 323702	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.16 1.50 -0.30	25.83 1.85 0.00	26.19 1.89 -1.34	28.07 2.14 0.00	28.18 2.06 -2.17	27.68 2.17 0.00	24.21 1.77 -2.30	30.59 2.48 0.00	25.82 2.09 0.00	29.78 2.30 0.00	32.13 2.37 0.00	37.52 2.73 0.00	50.66 3.57 0.00	39.23 2.95 2.27	53.04 3.57 -0.32	67.21 4.08 0.00	24.53 1.52 0.00	16.61 1.24 0.18
PJM_GEN_KEystone 24065	45.09 0.10 -30.41	9.45 0.08 -4.11	9.91 0.10 -2.13	6.74 0.07 -3.21	7.96 0.03 -6.12	13.62 0.23 -0.08	18.76 0.22 -0.18	24.19 0.20 0.00	23.98 0.20 -0.83	26.22 0.29 0.00	25.48 0.19 -1.33	25.73 0.23 0.00	21.78 0.23 -1.41	28.60 0.49 0.00	24.07 0.35 0.00	27.94 0.45 0.00	30.17 0.41 0.00	35.14 0.35 0.00	47.46 0.37 0.00	36.64 0.36 2.27	50.04 0.57 -0.32	63.63 0.50 0.00	23.18 0.17 0.00	15.67 0.29 0.18
PJM_GEN_NEPTUNE_PROXY 323594	15.60 1.02 0.00	12.38 0.43 -6.69	11.77 0.63 -3.47	8.98 0.29 -5.22	11.92 0.15 -9.96	14.58 1.13 -0.13	20.27 1.61 -0.30	25.97 1.99 0.00	26.20 1.91 -1.34	28.12 2.19 0.00	28.25 2.12 -2.17	27.73 2.23 0.00	24.31 1.86 -2.30	30.69 2.58 0.00	25.93 2.20 0.00	29.91 2.43 0.00	32.30 2.53 0.00	37.61 2.83 0.00	50.89 3.80 0.00	39.52 3.24 2.27	53.43 3.95 -0.32	67.41 4.28 0.00	24.71 1.70 0.00	16.70 1.33 0.18
PJM_GEN_VFT_PROXY 323633	15.55 0.98 0.00	12.36 0.40 -6.70	11.74 0.59 -3.47	8.98 0.28 -5.23	11.92 0.14 -9.97	14.53 1.08 -0.13	20.08 1.43 -0.30	25.73 1.75 0.00	26.09 1.79 -1.34	27.96 2.03 0.00	28.07 1.95 -2.17	27.56 2.06 0.00	24.12 1.67 -2.30	30.45 2.34 0.00	25.70 1.98 0.00	29.64 2.16 0.00	31.97 2.21 0.00	37.35 2.57 0.00	50.46 3.36 0.00	39.03 2.75 2.27	52.78 3.31 -0.32	66.89 3.76 0.00	24.42 1.41 0.00	16.55 1.17 0.18
PLATSBURG_115KV_PMLD1 355749	14.45 -0.12 0.00	5.20 -0.06 0.00	7.57 -0.10 0.00	-11.17 -0.12 14.53	-6.24 -0.06 7.99	12.63 -0.68 0.00	17.65 -0.70 0.00	17.58 -0.89 5.51	-7.28 -1.09 29.14	-18.90 -1.19 43.64	-20.90 -1.07 43.79	-20.92 -1.04 45.39	-21.36 -0.84 40.68	-21.53 -1.20 48.44	-23.28 -1.01 46.00	-22.21 -1.19 48.50	-22.87 -1.29 51.34	-23.93 -1.45 57.27	-23.91 -1.87 69.13	-21.54 -1.48 58.60	-21.36 -1.92 68.60	-13.75 -2.23 74.64	-22.18 -0.71 44.48	-22.36 -0.65 37.26
PLEASANTVLY___LBMP 24000	15.41 0.84 0.00	12.67 0.35 -7.07	11.85 0.51 -3.66	9.22 0.24 -5.51	12.45 0.12 -10.51	14.37 0.92 -0.13	19.93 1.25 -0.32	25.52 1.54 0.00	25.92 1.55 -1.42	27.66 1.73 0.00	27.92 1.67 -2.29	27.28 1.77 0.00	24.01 1.44 -2.42	30.13 2.02 0.00	25.42 1.70 0.00	29.35 1.87 0.00	31.68 1.93 0.00	37.03 2.25 0.00	50.05 2.96 0.00	40.96 2.42 0.00	52.09 2.93 0.00	66.52 3.40 0.00	24.25 1.24 0.00	16.57 1.01 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	15.52 0.95 0.00	12.42 0.39 -6.77	11.76 0.58 -3.51	9.02 0.27 -5.28	12.02 0.14 -10.07	14.48 1.04 -0.13	20.08 1.42 -0.30	25.74 1.76 0.00	26.09 1.78 -1.36	27.94 2.01 0.00	28.08 1.93 -2.19	27.55 2.05 0.00	24.14 1.67 -2.32	30.43 2.33 0.00	25.69 1.97 0.00	29.65 2.17 0.00	32.01 2.25 0.00	37.41 2.63 0.00	50.54 3.45 0.00	41.37 2.83 0.00	52.62 3.46 0.00	67.10 3.97 0.00	24.47 1.46 0.00	16.71 1.16 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	15.52 0.95 0.00	12.42 0.39 -6.77	11.76 0.58 -3.51	9.02 0.27 -5.28	12.02 0.14 -10.07	14.48 1.04 -0.13	20.08 1.42 -0.30	25.74 1.76 0.00	26.09 1.78 -1.36	27.94 2.01 0.00	28.08 1.93 -2.19	27.55 2.05 0.00	24.14 1.67 -2.32	30.43 2.33 0.00	25.69 1.97 0.00	29.65 2.17 0.00	32.01 2.25 0.00	37.41 2.63 0.00	50.54 3.45 0.00	41.37 2.83 0.00	52.62 3.46 0.00	67.10 3.97 0.00	24.47 1.46 0.00	16.71 1.16 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	15.51 0.93 0.00	12.55 0.38 -6.92	11.82 0.56 -3.58	9.12 0.26 -5.39	12.23 0.13 -10.29	14.46 1.01 -0.13	20.06 1.39 -0.31	25.71 1.73 0.00	26.08 1.74 -1.39	27.87 1.94 0.00	28.07 1.88 -2.24	27.48 1.98 0.00	24.13 1.61 -2.37	30.35 2.24 0.00	25.62 1.89 0.00	29.58 2.10 0.00	31.96 2.20 0.00	37.39 2.60 0.00	50.53 3.44 0.00	41.33 2.79 0.00	52.56 3.40 0.00	67.09 3.96 0.00	24.43 1.42 0.00	16.69 1.13 0.00
POLETTI_____ 23519	15.59 1.01 0.00	12.37 0.41 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.11 -0.13	20.12 1.47 -0.30	25.78 1.80 0.00	26.14 1.84 -1.34	28.02 2.09 0.00	28.13 2.00 -2.17	27.63 2.13 0.00	24.17 1.73 -2.30	30.53 2.42 0.00	25.77 2.04 0.00	29.72 2.23 0.00	32.06 2.30 0.00	37.45 2.66 0.00	50.57 3.48 0.00	41.41 2.87 0.00	52.62 3.46 0.00	67.06 3.93 0.00	24.48 1.47 0.00	16.77 1.22 0.00
POMONA____ESR 323819	15.51 0.93 0.00	12.11 0.38 -6.47	11.60 0.57 -3.35	8.78 0.27 -5.05	11.58 0.14 -9.63	14.47 1.03 -0.12	20.07 1.42 -0.29	25.75 1.77 0.00	26.02 1.77 -1.30	27.93 1.99 0.00	27.97 1.92 -2.10	27.52 2.02 0.00	24.00 1.63 -2.22	30.39 2.28 0.00	25.66 1.93 0.00	29.64 2.15 0.00	32.01 2.25 0.00	37.44 2.65 0.00	50.54 3.44 0.00	41.33 2.79 0.00	52.59 3.43 0.00	67.14 4.01 0.00	24.47 1.46 0.00	16.70 1.14 0.00
PORT_JEFF_3 23555	15.76 1.18 0.00	12.46 0.51 -6.69	11.89 0.74 -3.47	9.04 0.34 -5.22	11.94 0.17 -9.96	14.79 1.35 -0.13	20.62 1.96 -0.30	26.36 2.38 0.00	26.48 2.18 -1.34	28.42 2.49 0.00	28.47 2.34 -2.17	27.93 2.42 0.00	24.48 2.04 -2.30	30.95 2.84 0.00	26.14 2.41 0.00	30.14 2.66 0.00	32.55 2.79 0.00	37.95 3.16 0.00	51.51 4.42 0.00	42.37 3.82 0.00	53.81 4.64 0.00	68.07 4.94 0.00	25.04 2.03 0.00	17.10 1.54 0.00
PORT_JEFF_4 23616	15.76 1.18 0.00	12.46 0.51 -6.69	11.89 0.74 -3.47	9.04 0.34 -5.22	11.94 0.17 -9.96	14.79 1.35 -0.13	20.62 1.96 -0.30	26.36 2.38 0.00	26.48 2.18 -1.34	28.42 2.49 0.00	28.47 2.34 -2.17	27.93 2.42 0.00	24.48 2.04 -2.30	30.95 2.84 0.00	26.14 2.41 0.00	30.14 2.66 0.00	32.55 2.79 0.00	37.95 3.16 0.00	51.51 4.42 0.00	42.37 3.82 0.00	53.81 4.64 0.00	68.07 4.94 0.00	25.04 2.03 0.00	17.10 1.54 0.00
PORT_JEFF_IC 23713	15.76 1.19 0.00	12.46 0.51 -6.69	11.89 0.75 -3.47	9.04 0.35 -5.22	11.94 0.17 -9.96	14.80 1.35 -0.13	20.62 1.96 -0.30	26.38 2.40 0.00	26.49 2.20 -1.34	28.44 2.51 0.00	28.50 2.37 -2.17	27.95 2.44 0.00	24.50 2.06 -2.30	30.98 2.87 0.00	26.16 2.44 0.00	30.18 2.69 0.00	32.58 2.82 0.00	37.96 3.17 0.00	51.52 4.43 0.00	42.41 3.87 0.00	53.86 4.70 0.00	68.12 4.99 0.00	25.05 2.04 0.00	17.11 1.55 0.00
PPL PILGRIM_ST_GT1 24216	15.82 1.25 0.00	12.48 0.53 -6.69	11.92 0.77 -3.47	9.05 0.36 -5.22	11.95 0.18 -9.96	14.82 1.38 -0.13	20.65 1.99 -0.30	26.45 2.46 0.00	26.59 2.29 -1.34	28.57 2.64 0.00	28.64 2.51 -2.17	28.12 2.61 0.00	24.64 2.20 -2.30	31.15 3.04 0.00	26.32 2.60 0.00	30.37 2.89 0.00	32.80 3.03 0.00	38.20 3.41 0.00	51.78 4.69 0.00	42.55 4.01 0.00	54.05 4.89 0.00	68.38 5.25 0.00	25.16 2.15 0.00	17.17 1.62 0.00

PPL PILGRIM_ST_GT2 24217	15.82 1.25 0.00	12.48 0.53 -6.69	11.92 0.77 -3.47	9.05 0.36 -5.22	11.95 0.18 -9.96	14.82 1.38 -0.13	20.65 1.99 -0.30	26.45 2.46 0.00	26.59 2.29 -1.34	28.57 2.64 0.00	28.64 2.51 -2.17	28.12 2.61 0.00	24.64 2.20 -2.30	31.15 3.04 0.00	26.32 2.60 0.00	30.37 2.89 0.00	32.80 3.03 0.00	38.20 3.41 0.00	51.78 4.69 0.00	42.55 4.01 0.00	54.05 4.89 0.00	68.38 5.25 0.00	25.16 2.15 0.00	17.17 1.62 0.00
PPL_SHRM_GT3 24213	15.71 1.14 0.00	12.46 0.51 -6.69	11.89 0.74 -3.47	9.04 0.35 -5.22	11.94 0.17 -9.96	14.83 1.38 -0.13	20.69 2.04 -0.30	26.41 2.43 0.00	26.41 2.11 -1.34	28.29 2.36 0.00	28.30 2.18 -2.17	27.71 2.21 0.00	24.30 1.86 -2.30	30.72 2.61 0.00	25.93 2.21 0.00	29.89 2.40 0.00	32.32 2.56 0.00	37.76 2.97 0.00	51.41 4.32 0.00	42.26 3.72 0.00	53.66 4.50 0.00	67.75 4.62 0.00	24.96 1.95 0.00	17.04 1.49 0.00
PPL_SHRM_GT4 24214	15.71 1.14 0.00	12.46 0.51 -6.69	11.89 0.74 -3.47	9.04 0.35 -5.22	11.94 0.17 -9.96	14.83 1.38 -0.13	20.69 2.04 -0.30	26.41 2.43 0.00	26.41 2.11 -1.34	28.29 2.36 0.00	28.30 2.18 -2.17	27.71 2.21 0.00	24.30 1.86 -2.30	30.72 2.61 0.00	25.93 2.21 0.00	29.89 2.40 0.00	32.32 2.56 0.00	37.76 2.97 0.00	51.41 4.32 0.00	42.26 3.72 0.00	53.66 4.50 0.00	67.75 4.62 0.00	24.96 1.95 0.00	17.04 1.49 0.00
PROJECT___ORANGE 1 24174	14.27 -0.31 0.00	5.90 -0.09 -0.73	7.91 -0.14 -0.38	3.98 -0.06 -0.57	2.87 -0.03 -1.09	13.12 -0.21 -0.01	18.10 -0.29 -0.03	23.61 -0.37 0.00	22.73 -0.37 -0.15	25.56 -0.37 0.00	23.80 -0.39 -0.24	25.06 -0.44 0.00	20.03 -0.37 -0.25	27.58 -0.53 0.00	23.26 -0.46 0.00	26.98 -0.50 0.00	29.27 -0.49 0.00	34.21 -0.57 0.00	46.32 -0.77 0.00	37.95 -0.59 0.00	48.46 -0.70 0.00	62.37 -0.76 0.00	22.67 -0.33 0.00	15.38 -0.17 0.00
PROJECT___ORANGE 2 24166	14.27 -0.31 0.00	5.90 -0.09 -0.73	7.91 -0.14 -0.38	3.98 -0.06 -0.57	2.87 -0.03 -1.09	13.12 -0.21 -0.01	18.10 -0.29 -0.03	23.61 -0.37 0.00	22.73 -0.37 -0.15	25.56 -0.37 0.00	23.80 -0.39 -0.24	25.06 -0.44 0.00	20.03 -0.37 -0.25	27.58 -0.53 0.00	23.26 -0.46 0.00	26.98 -0.50 0.00	29.27 -0.49 0.00	34.21 -0.57 0.00	46.32 -0.77 0.00	37.95 -0.59 0.00	48.46 -0.70 0.00	62.37 -0.76 0.00	22.67 -0.33 0.00	15.38 -0.17 0.00
PUCKETT___SOLAR 323809	14.61 0.04 0.00	7.70 0.07 -2.37	8.95 0.04 -1.23	5.35 0.04 -1.85	5.36 0.03 -3.52	13.46 0.10 -0.05	18.61 0.15 -0.11	24.20 0.21 0.00	23.50 0.07 -0.48	26.12 0.19 0.00	24.91 0.18 -0.77	25.69 0.18 0.00	21.14 0.18 -0.81	28.39 0.28 0.00	23.91 0.19 0.00	27.71 0.23 0.00	30.02 0.26 0.00	35.10 0.31 0.00	47.47 0.37 0.00	39.01 0.47 0.00	49.94 0.78 0.00	63.95 0.82 0.00	23.24 0.23 0.00	15.84 0.28 0.00
PYRITES___HYD 24023	14.53 -0.05 0.00	5.16 -0.09 0.00	7.55 -0.13 0.00	-8.62 -0.07 12.02	-4.84 -0.04 6.61	12.96 -0.35 0.00	18.05 -0.30 0.00	24.47 -0.27 -0.76	26.67 -0.29 -4.01	31.61 -0.33 -6.01	-1.93 -0.33 25.56	6.11 -0.10 19.29	-3.96 -0.09 24.01	34.65 -0.13 -6.67	29.87 -0.19 -6.33	33.92 -0.24 -6.68	36.74 -0.09 -7.07	42.66 -0.01 -7.88	56.76 0.10 -9.56	46.71 0.09 -8.08	58.78 0.15 -9.47	73.72 0.29 -10.30	29.47 0.32 -6.14	20.57 -0.13 -5.14
QUAKERRD_115KV_BK1 80622	13.61 -0.97 0.00	5.84 -0.33 -0.92	7.65 -0.50 -0.47	3.97 -0.22 -0.71	3.06 -0.11 -1.36	12.54 -0.80 -0.02	17.26 -1.14 -0.04	22.48 -1.51 0.00	21.68 -1.46 -0.18	24.36 -1.57 0.00	22.57 -1.69 -0.30	23.67 -1.83 0.00	19.00 -1.46 -0.31	26.30 -1.81 0.00	22.15 -1.58 0.00	25.81 -1.67 0.00	27.99 -1.77 0.00	32.64 -2.15 0.00	44.34 -2.75 0.00	36.35 -2.19 0.00	46.50 -2.66 0.00	59.71 -3.42 0.00	21.71 -1.30 0.00	14.78 -0.78 0.00
QUENSBRY_115KV_TB8 356137	15.29 0.71 0.00	14.09 0.30 -8.54	12.52 0.42 -4.42	10.31 0.19 -6.66	14.61 0.10 -12.70	14.28 0.80 -0.16	19.96 1.22 -0.38	25.54 1.56 0.00	26.15 1.49 -1.71	27.54 1.61 0.00	28.28 1.56 -2.76	27.21 1.71 0.00	24.48 1.41 -2.93	30.22 2.11 0.00	25.44 1.72 0.00	29.46 1.98 0.00	31.76 2.00 0.00	37.17 2.39 0.00	50.38 3.29 0.00	41.26 2.72 0.00	52.16 3.00 0.00	66.63 3.51 0.00	24.20 1.19 0.00	16.35 0.80 0.00
RAMAPO___LBMP 323565	15.45 0.88 0.00	12.07 0.36 -6.45	11.56 0.54 -3.34	8.76 0.26 -5.03	11.54 0.13 -9.60	14.42 0.98 -0.12	20.00 1.35 -0.29	25.65 1.67 0.00	25.92 1.67 -1.30	27.82 1.89 0.00	27.86 1.81 -2.09	27.40 1.90 0.00	23.90 1.54 -2.21	30.26 2.15 0.00	25.56 1.83 0.00	29.51 2.02 0.00	31.88 2.12 0.00	37.28 2.49 0.00	50.32 3.23 0.00	41.15 2.61 0.00	52.38 3.22 0.00	66.86 3.73 0.00	24.37 1.36 0.00	16.63 1.07 0.00
RANKINE____ 23646	13.55 -1.03 0.00	6.03 -0.36 -1.13	7.72 -0.54 -0.59	4.12 -0.23 -0.88	3.37 -0.12 -1.68	12.47 -0.87 -0.02	17.05 -1.36 -0.05	22.12 -1.86 0.00	21.33 -1.85 -0.23	24.01 -1.92 0.00	22.10 -2.23 -0.36	23.13 -2.37 0.00	18.70 -1.83 -0.39	26.01 -2.10 0.00	21.87 -1.86 0.00	25.60 -1.89 0.00	27.76 -2.00 0.00	32.24 -2.54 0.00	43.88 -3.21 0.00	36.05 -2.49 0.00	46.32 -2.84 0.00	59.26 -3.87 0.00	21.56 -1.45 0.00	14.79 -0.76 0.00
RAVENSWOOD_GT2_1 24244	15.60 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.57 1.12 -0.13	20.16 1.50 -0.30	25.85 1.86 0.00	26.19 1.89 -1.34	28.07 2.14 0.00	28.18 2.05 -2.17	27.68 2.18 0.00	24.21 1.77 -2.30	30.58 2.47 0.00	25.82 2.09 0.00	29.77 2.29 0.00	32.13 2.37 0.00	37.52 2.74 0.00	50.68 3.59 0.00	41.51 2.97 0.00	52.74 3.58 0.00	67.23 4.10 0.00	24.53 1.52 0.00	16.80 1.24 0.00
RAVENSWOOD_GT2_2 24245	15.60 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.57 1.12 -0.13	20.16 1.50 -0.30	25.85 1.86 0.00	26.19 1.89 -1.34	28.07 2.14 0.00	28.18 2.05 -2.17	27.68 2.18 0.00	24.21 1.77 -2.30	30.58 2.47 0.00	25.82 2.09 0.00	29.77 2.29 0.00	32.13 2.37 0.00	37.52 2.74 0.00	50.68 3.59 0.00	41.51 2.97 0.00	52.74 3.58 0.00	67.23 4.10 0.00	24.53 1.52 0.00	16.80 1.24 0.00
RAVENSWOOD_GT2_3 24246	15.61 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.57 1.13 -0.13	20.17 1.51 -0.30	25.85 1.87 0.00	26.20 1.90 -1.34	28.08 2.15 0.00	28.19 2.07 -2.17	27.69 2.18 0.00	24.22 1.78 -2.30	30.59 2.48 0.00	25.83 2.10 0.00	29.79 2.31 0.00	32.14 2.38 0.00	37.54 2.76 0.00	50.71 3.62 0.00	41.52 2.98 0.00	52.77 3.61 0.00	67.26 4.14 0.00	24.54 1.53 0.00	16.80 1.25 0.00
RAVENSWOOD_GT2_4 24247	15.61 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.57 1.13 -0.13	20.17 1.51 -0.30	25.85 1.87 0.00	26.20 1.90 -1.34	28.08 2.15 0.00	28.19 2.07 -2.17	27.69 2.18 0.00	24.22 1.78 -2.30	30.59 2.48 0.00	25.83 2.10 0.00	29.79 2.31 0.00	32.14 2.38 0.00	37.54 2.76 0.00	50.71 3.62 0.00	41.52 2.98 0.00	52.77 3.61 0.00	67.26 4.14 0.00	24.54 1.53 0.00	16.80 1.25 0.00

RAVENSWOOD_GT3_1 24248	15.60 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.57 1.13 -0.13	20.16 1.50 -0.30	25.85 1.87 0.00	26.19 1.90 -1.34	28.08 2.14 0.00	28.19 2.06 -2.17	27.69 2.18 0.00	24.21 1.77 -2.30	30.59 2.48 0.00	25.82 2.09 0.00	29.78 2.29 0.00	32.13 2.37 0.00	37.53 2.75 0.00	50.69 3.60 0.00	41.52 2.97 0.00	52.75 3.59 0.00	67.23 4.10 0.00	24.54 1.53 0.00	16.80 1.24 0.00
RAVENSWOOD_GT3_2 24249	15.60 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.57 1.13 -0.13	20.16 1.50 -0.30	25.85 1.87 0.00	26.19 1.90 -1.34	28.08 2.14 0.00	28.19 2.06 -2.17	27.69 2.18 0.00	24.21 1.77 -2.30	30.59 2.48 0.00	25.82 2.09 0.00	29.78 2.29 0.00	32.13 2.37 0.00	37.53 2.75 0.00	50.69 3.60 0.00	41.52 2.97 0.00	52.75 3.59 0.00	67.23 4.10 0.00	24.54 1.53 0.00	16.80 1.24 0.00
RAVENSWOOD_GT3_3 24250	15.62 1.05 0.00	12.38 0.43 -6.70	11.78 0.63 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.59 1.14 -0.13	20.19 1.53 -0.30	25.87 1.89 0.00	26.23 1.93 -1.34	28.11 2.19 0.00	28.22 2.10 -2.17	27.73 2.22 0.00	24.25 1.80 -2.30	30.63 2.52 0.00	25.86 2.13 0.00	29.83 2.34 0.00	32.18 2.42 0.00	37.59 2.81 0.00	50.76 3.67 0.00	41.57 3.03 0.00	52.83 3.67 0.00	67.33 4.20 0.00	24.57 1.56 0.00	16.82 1.27 0.00
RAVENSWOOD_GT3_4 24251	15.62 1.05 0.00	12.38 0.43 -6.70	11.78 0.63 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.59 1.14 -0.13	20.19 1.53 -0.30	25.87 1.89 0.00	26.23 1.93 -1.34	28.11 2.19 0.00	28.22 2.10 -2.17	27.73 2.22 0.00	24.25 1.80 -2.30	30.63 2.52 0.00	25.86 2.13 0.00	29.83 2.34 0.00	32.18 2.42 0.00	37.59 2.81 0.00	50.76 3.67 0.00	41.57 3.03 0.00	52.83 3.67 0.00	67.33 4.20 0.00	24.57 1.56 0.00	16.82 1.27 0.00
RAVENSWOOD_GT_1 23729	15.65 1.07 0.00	12.40 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.16 -0.13	20.20 1.54 -0.30	25.90 1.92 0.00	26.25 1.95 -1.34	28.14 2.21 0.00	28.25 2.13 -2.17	27.76 2.25 0.00	24.26 1.82 -2.30	30.65 2.55 0.00	25.87 2.15 0.00	29.81 2.32 0.00	32.17 2.41 0.00	37.59 2.80 0.00	50.78 3.68 0.00	41.62 3.08 0.00	52.84 3.68 0.00	67.32 4.19 0.00	24.57 1.56 0.00	16.85 1.30 0.00
RAVENSWOOD_GT_10 24258	15.60 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.57 1.13 -0.13	20.16 1.50 -0.30	25.85 1.87 0.00	26.19 1.90 -1.34	28.08 2.14 0.00	28.19 2.06 -2.17	27.69 2.18 0.00	24.21 1.77 -2.30	30.59 2.48 0.00	25.82 2.09 0.00	29.78 2.29 0.00	32.13 2.37 0.00	37.53 2.75 0.00	50.69 3.60 0.00	41.52 2.97 0.00	52.75 3.59 0.00	67.23 4.10 0.00	24.54 1.53 0.00	16.80 1.24 0.00
RAVENSWOOD_GT_11 24259	15.60 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.57 1.13 -0.13	20.16 1.50 -0.30	25.85 1.87 0.00	26.19 1.90 -1.34	28.08 2.14 0.00	28.19 2.06 -2.17	27.69 2.18 0.00	24.21 1.77 -2.30	30.59 2.48 0.00	25.82 2.09 0.00	29.78 2.29 0.00	32.13 2.37 0.00	37.53 2.75 0.00	50.69 3.60 0.00	41.52 2.97 0.00	52.75 3.59 0.00	67.23 4.10 0.00	24.54 1.53 0.00	16.80 1.24 0.00
RAVENSWOOD_GT_4 24252	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.16 1.50 -0.30	25.83 1.85 0.00	26.18 1.89 -1.34	28.06 2.13 0.00	28.18 2.05 -2.17	27.67 2.17 0.00	24.20 1.76 -2.30	30.58 2.47 0.00	25.81 2.09 0.00	29.77 2.29 0.00	32.12 2.36 0.00	37.52 2.74 0.00	50.67 3.58 0.00	41.50 2.95 0.00	52.74 3.58 0.00	67.23 4.10 0.00	24.53 1.52 0.00	16.79 1.23 0.00
RAVENSWOOD_GT_5 24254	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.16 1.50 -0.30	25.83 1.85 0.00	26.18 1.89 -1.34	28.06 2.13 0.00	28.18 2.05 -2.17	27.67 2.17 0.00	24.20 1.76 -2.30	30.58 2.47 0.00	25.81 2.09 0.00	29.77 2.29 0.00	32.12 2.36 0.00	37.52 2.74 0.00	50.67 3.58 0.00	41.50 2.95 0.00	52.74 3.58 0.00	67.23 4.10 0.00	24.53 1.52 0.00	16.79 1.23 0.00
RAVENSWOOD_GT_6 24253	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.16 1.50 -0.30	25.83 1.85 0.00	26.18 1.89 -1.34	28.06 2.13 0.00	28.18 2.05 -2.17	27.67 2.17 0.00	24.20 1.76 -2.30	30.58 2.47 0.00	25.81 2.09 0.00	29.77 2.29 0.00	32.12 2.36 0.00	37.52 2.74 0.00	50.67 3.58 0.00	41.50 2.95 0.00	52.74 3.58 0.00	67.23 4.10 0.00	24.53 1.52 0.00	16.79 1.23 0.00
RAVENSWOOD_GT_7 24255	15.60 1.02 0.00	12.37 0.42 -6.70	11.76 0.61 -3.47	8.98 0.29 -5.23	11.92 0.15 -9.97	14.56 1.12 -0.13	20.16 1.50 -0.30	25.83 1.85 0.00	26.18 1.89 -1.34	28.06 2.13 0.00	28.18 2.05 -2.17	27.67 2.17 0.00	24.20 1.76 -2.30	30.58 2.47 0.00	25.81 2.09 0.00	29.77 2.29 0.00	32.12 2.36 0.00	37.52 2.74 0.00	50.67 3.58 0.00	41.50 2.95 0.00	52.74 3.58 0.00	67.23 4.10 0.00	24.53 1.52 0.00	16.79 1.23 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	15.60 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.57 1.13 -0.13	20.16 1.50 -0.30	25.85 1.87 0.00	26.19 1.90 -1.34	28.08 2.14 0.00	28.19 2.06 -2.17	27.69 2.18 0.00	24.21 1.77 -2.30	30.59 2.48 0.00	25.82 2.09 0.00	29.78 2.29 0.00	32.13 2.37 0.00	37.53 2.75 0.00	50.69 3.60 0.00	41.52 2.97 0.00	52.75 3.59 0.00	67.23 4.10 0.00	24.54 1.53 0.00	16.80 1.24 0.00
RAVENSWOOD_GT_9 24257	15.60 1.03 0.00	12.38 0.42 -6.70	11.77 0.62 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.57 1.13 -0.13	20.16 1.50 -0.30	25.85 1.87 0.00	26.19 1.90 -1.34	28.08 2.14 0.00	28.19 2.06 -2.17	27.69 2.18 0.00	24.21 1.77 -2.30	30.59 2.48 0.00	25.82 2.09 0.00	29.78 2.29 0.00	32.13 2.37 0.00	37.53 2.75 0.00	50.69 3.60 0.00	41.52 2.97 0.00	52.75 3.59 0.00	67.23 4.10 0.00	24.54 1.53 0.00	16.80 1.24 0.00
RAVENSWOOD___1 23533	15.65 1.07 0.00	12.40 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.16 -0.13	20.20 1.54 -0.30	25.90 1.91 0.00	26.25 1.95 -1.34	28.14 2.21 0.00	28.26 2.13 -2.17	27.76 2.26 0.00	24.26 1.82 -2.30	30.65 2.55 0.00	25.87 2.15 0.00	29.81 2.32 0.00	32.17 2.41 0.00	37.59 2.80 0.00	50.78 3.68 0.00	41.63 3.09 0.00	52.84 3.68 0.00	67.32 4.19 0.00	24.58 1.57 0.00	16.85 1.30 0.00
RAVENSWOOD___2 23534	15.65 1.07 0.00	12.40 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.16 -0.13	20.20 1.54 -0.30	25.90 1.91 0.00	26.25 1.95 -1.34	28.14 2.21 0.00	28.26 2.13 -2.17	27.76 2.26 0.00	24.26 1.82 -2.30	30.65 2.55 0.00	25.87 2.15 0.00	29.81 2.32 0.00	32.17 2.41 0.00	37.59 2.80 0.00	50.78 3.68 0.00	41.63 3.09 0.00	52.84 3.68 0.00	67.32 4.19 0.00	24.58 1.57 0.00	16.85 1.30 0.00

RAVENSWOOD___3 23535	15.60 1.03 0.00	12.38 0.42 -6.70	11.76 0.62 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.57 1.12 -0.13	20.16 1.50 -0.30	25.85 1.87 0.00	26.19 1.89 -1.34	28.07 2.14 0.00	28.18 2.06 -2.17	27.69 2.18 0.00	24.21 1.77 -2.30	30.58 2.47 0.00	25.82 2.09 0.00	29.77 2.29 0.00	32.13 2.37 0.00	37.53 2.75 0.00	50.69 3.60 0.00	41.52 2.98 0.00	52.74 3.59 0.00	67.23 4.10 0.00	24.54 1.53 0.00	16.79 1.24 0.00
RAVENSWOOD___4 23820	15.65 1.07 0.00	12.40 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.16 -0.13	20.20 1.54 -0.30	25.90 1.91 0.00	26.25 1.95 -1.34	28.14 2.21 0.00	28.26 2.13 -2.17	27.76 2.26 0.00	24.26 1.82 -2.30	30.65 2.55 0.00	25.87 2.15 0.00	29.81 2.32 0.00	32.17 2.41 0.00	37.59 2.80 0.00	50.78 3.68 0.00	41.63 3.09 0.00	52.84 3.68 0.00	67.32 4.19 0.00	24.58 1.57 0.00	16.85 1.30 0.00
RCPL_TRUST___DRP 24196	15.62 1.05 0.00	12.38 0.43 -6.70	11.77 0.63 -3.47	8.99 0.29 -5.23	11.93 0.15 -9.97	14.59 1.14 -0.13	20.19 1.53 -0.30	25.88 1.89 0.00	26.23 1.94 -1.34	28.13 2.20 0.00	28.24 2.12 -2.17	27.74 2.24 0.00	24.26 1.82 -2.30	30.66 2.55 0.00	25.88 2.15 0.00	29.85 2.37 0.00	32.20 2.44 0.00	37.60 2.82 0.00	50.77 3.68 0.00	41.58 3.03 0.00	52.83 3.68 0.00	67.33 4.20 0.00	24.57 1.56 0.00	16.82 1.27 0.00
RED___ROCHESTER 323720	13.88 -0.70 0.00	5.95 -0.23 -0.93	7.80 -0.35 -0.48	4.05 -0.15 -0.73	3.12 -0.07 -1.39	12.79 -0.54 -0.02	17.60 -0.79 -0.04	22.92 -1.06 0.00	22.11 -1.03 -0.19	24.87 -1.06 0.00	22.97 -1.29 -0.30	24.09 -1.41 0.00	19.35 -1.11 -0.32	26.86 -1.25 0.00	22.63 -1.10 0.00	26.41 -1.08 0.00	28.65 -1.12 0.00	33.39 -1.40 0.00	45.41 -1.68 0.00	37.22 -1.32 0.00	47.66 -1.50 0.00	61.13 -2.00 0.00	22.22 -0.79 0.00	15.15 -0.40 0.00
REGAN___SOLAR 323812	15.84 1.26 0.00	15.08 0.44 -9.39	13.17 0.63 -4.86	11.07 0.28 -7.32	15.93 0.15 -13.97	14.70 1.20 -0.18	20.56 1.78 -0.42	26.34 2.36 0.00	27.19 2.35 -1.88	28.26 2.33 0.00	28.79 1.79 -3.04	27.75 2.24 0.00	25.14 1.77 -3.22	30.70 2.59 0.00	26.07 2.35 0.00	30.33 2.85 0.00	32.99 3.23 0.00	38.65 3.86 0.00	52.33 5.23 0.00	42.82 4.27 0.00	54.45 5.29 0.00	69.48 6.36 0.00	25.20 2.19 0.00	16.94 1.38 0.00
RENSSELAER___COGEN 23796	15.06 0.48 0.00	13.71 0.22 -8.22	12.27 0.33 -4.26	10.04 0.16 -6.42	14.13 0.08 -12.24	14.02 0.55 -0.16	19.40 0.68 -0.37	24.75 0.76 0.00	25.39 0.79 -1.65	26.75 0.82 0.00	27.45 0.83 -2.66	26.39 0.89 0.00	23.70 0.73 -2.82	29.13 1.02 0.00	24.59 0.86 0.00	28.42 0.94 0.00	30.71 0.95 0.00	35.93 1.15 0.00	48.58 1.49 0.00	39.72 1.17 0.00	50.62 1.46 0.00	64.85 1.72 0.00	23.63 0.62 0.00	16.07 0.51 0.00
REPUBLIC_115KV_BARTNBRK 55605	15.59 1.01 0.00	14.22 0.43 -8.53	12.69 0.59 -4.42	10.38 0.25 -6.65	14.63 0.14 -12.69	14.60 1.12 -0.16	20.58 1.84 -0.38	26.40 2.42 0.00	26.84 2.18 -1.71	28.31 2.38 0.00	29.09 2.37 -2.76	28.00 2.50 0.00	25.18 2.11 -2.92	31.10 2.99 0.00	26.11 2.39 0.00	30.20 2.71 0.00	32.81 3.05 0.00	38.40 3.62 0.00	52.30 5.21 0.00	42.94 4.40 0.00	53.57 4.40 0.00	68.31 5.18 0.00	24.78 1.78 0.00	16.73 1.18 0.00
REVERE_CPPR_DRP 24186	14.88 0.30 0.00	5.67 0.10 -0.31	7.99 0.15 -0.16	3.35 0.07 0.19	2.07 0.03 -0.23	13.62 0.30 -0.01	18.89 0.52 -0.01	24.67 0.69 0.00	23.65 0.64 -0.06	26.63 0.70 0.00	23.77 0.68 0.86	25.45 0.73 0.78	19.87 0.52 0.80	28.98 0.87 0.00	24.54 0.81 0.00	28.33 0.84 0.00	30.98 1.21 0.00	36.34 1.56 0.00	49.16 2.07 0.00	40.25 1.70 0.00	51.37 2.21 0.00	65.90 2.77 0.00	23.92 0.91 0.00	16.06 0.51 0.00
REYNOLDS_115KV_TB3 80639	15.14 0.57 0.00	13.75 0.25 -8.24	12.31 0.37 -4.27	10.07 0.17 -6.43	14.16 0.09 -12.26	14.09 0.62 -0.16	19.51 0.79 -0.37	24.88 0.90 0.00	25.52 0.92 -1.65	26.90 0.97 0.00	27.59 0.96 -2.67	26.54 1.04 0.00	23.82 0.85 -2.82	29.30 1.19 0.00	24.72 0.99 0.00	28.57 1.09 0.00	30.82 1.06 0.00	36.07 1.28 0.00	48.74 1.65 0.00	39.85 1.31 0.00	50.82 1.66 0.00	65.11 1.98 0.00	23.74 0.73 0.00	16.15 0.59 0.00
RIVERBAY____ 323610	15.62 1.04 0.00	12.41 0.45 -6.70	11.80 0.66 -3.47	9.00 0.30 -5.23	11.93 0.16 -9.97	14.62 1.18 -0.13	20.24 1.59 -0.30	25.95 1.97 0.00	26.34 2.05 -1.34	28.22 2.29 0.00	28.36 2.23 -2.17	27.90 2.39 0.00	24.30 1.86 -2.30	30.69 2.59 0.00	25.89 2.17 0.00	29.80 2.32 0.00	32.21 2.45 0.00	37.68 2.90 0.00	50.93 3.84 0.00	41.81 3.26 0.00	52.94 3.78 0.00	67.49 4.36 0.00	24.67 1.66 0.00	16.93 1.37 0.00
RIVERSDE_115KV_TB3 55908	15.11 0.53 0.00	13.75 0.24 -8.25	12.31 0.36 -4.28	10.07 0.17 -6.44	14.18 0.09 -12.28	14.07 0.60 -0.16	19.47 0.75 -0.37	24.85 0.87 0.00	25.50 0.89 -1.66	26.87 0.94 0.00	27.56 0.93 -2.67	26.51 1.01 0.00	23.80 0.82 -2.83	29.26 1.15 0.00	24.69 0.97 0.00	28.53 1.05 0.00	30.81 1.05 0.00	36.04 1.26 0.00	48.72 1.63 0.00	39.83 1.28 0.00	50.77 1.61 0.00	65.04 1.91 0.00	23.71 0.69 0.00	16.12 0.57 0.00
ROARING___BROOK_WT_PWR 323790	14.13 -0.45 0.00	5.08 -0.18 0.00	7.42 -0.26 0.00	-21.87 -0.13 25.21	-12.12 -0.07 13.86	12.85 -0.47 0.00	17.62 -0.73 0.00	23.04 -0.94 0.00	22.01 -0.94 0.00	24.87 -1.06 0.00	-33.77 -0.93 56.79	-21.46 -1.05 45.92	-33.91 -0.81 53.24	27.03 -1.08 0.00	22.87 -0.86 0.00	26.52 -0.97 0.00	29.05 -0.71 0.00	34.29 -0.50 0.00	46.58 -0.51 0.00	38.14 -0.40 0.00	48.68 -0.48 0.00	62.54 -0.59 0.00	22.79 -0.22 0.00	15.12 -0.43 0.00
ROCHESRG_115KV_T4 355643	13.77 -0.81 0.00	5.91 -0.27 -0.92	7.74 -0.41 -0.48	4.01 -0.17 -0.72	3.10 -0.09 -1.38	12.68 -0.65 -0.02	17.43 -0.97 -0.04	22.68 -1.30 0.00	21.87 -1.27 -0.19	24.60 -1.33 0.00	22.73 -1.53 -0.30	23.85 -1.66 0.00	19.15 -1.32 -0.32	26.55 -1.56 0.00	22.37 -1.36 0.00	26.10 -1.39 0.00	28.30 -1.47 0.00	32.96 -1.82 0.00	44.82 -2.27 0.00	36.75 -1.80 0.00	47.06 -2.10 0.00	60.40 -2.73 0.00	21.96 -1.05 0.00	14.98 -0.57 0.00
ROCHESTER_9_IC 23652	13.83 -0.75 0.00	5.94 -0.25 -0.93	7.78 -0.38 -0.48	4.03 -0.16 -0.73	3.11 -0.08 -1.39	12.75 -0.59 -0.02	17.53 -0.87 -0.04	22.81 -1.17 0.00	22.00 -1.14 -0.19	24.75 -1.18 0.00	22.86 -1.40 -0.30	23.98 -1.53 0.00	19.26 -1.21 -0.32	26.72 -1.39 0.00	22.51 -1.22 0.00	26.26 -1.22 0.00	28.48 -1.28 0.00	33.18 -1.60 0.00	45.14 -1.96 0.00	37.00 -1.54 0.00	47.37 -1.79 0.00	60.81 -2.32 0.00	22.10 -0.91 0.00	15.07 -0.49 0.00
ROCKVIEW_13_KV_LD 356306	15.59 1.02 0.00	12.37 0.41 -6.70	11.75 0.61 -3.47	8.98 0.28 -5.23	11.92 0.15 -9.97	14.55 1.11 -0.13	20.16 1.50 -0.30	25.86 1.88 0.00	26.20 1.90 -1.34	28.11 2.18 0.00	28.22 2.09 -2.17	27.71 2.21 0.00	24.23 1.79 -2.30	30.59 2.48 0.00	25.82 2.10 0.00	29.80 2.32 0.00	32.17 2.42 0.00	37.59 2.81 0.00	50.78 3.69 0.00	41.57 3.02 0.00	52.86 3.70 0.00	67.40 4.27 0.00	24.58 1.57 0.00	16.79 1.24 0.00

ROME____115KV_TB2 80656	14.88 0.30 0.00	5.67 0.10 -0.31	7.99 0.15 -0.16	3.35 0.07 0.19	2.07 0.03 -0.23	13.62 0.30 -0.01	18.89 0.52 -0.01	24.67 0.69 0.00	23.65 0.64 -0.06	26.63 0.70 0.00	23.77 0.68 0.86	25.45 0.73 0.78	19.87 0.52 0.80	28.98 0.87 0.00	24.54 0.81 0.00	28.33 0.84 0.00	30.98 1.21 0.00	36.34 1.56 0.00	49.16 2.07 0.00	40.25 1.70 0.00	51.37 2.21 0.00	65.90 2.77 0.00	23.92 0.91 0.00	16.06 0.51 0.00
ROSETON____1 23587	15.40 0.82 0.00	12.35 0.34 -6.75	11.68 0.50 -3.50	8.97 0.24 -5.27	11.98 0.12 -10.05	14.34 0.90 -0.13	19.89 1.23 -0.30	25.49 1.51 0.00	25.83 1.52 -1.36	27.63 1.70 0.00	27.79 1.64 -2.19	27.24 1.74 0.00	23.88 1.42 -2.31	30.09 1.97 0.00	25.39 1.67 0.00	29.32 1.84 0.00	31.66 1.90 0.00	37.01 2.23 0.00	50.01 2.92 0.00	40.92 2.38 0.00	52.05 2.90 0.00	66.48 3.35 0.00	24.23 1.22 0.00	16.54 0.99 0.00
ROSETON____2 23588	15.40 0.82 0.00	12.35 0.34 -6.75	11.68 0.50 -3.50	8.97 0.24 -5.27	11.98 0.12 -10.05	14.34 0.90 -0.13	19.89 1.23 -0.30	25.49 1.51 0.00	25.83 1.52 -1.36	27.63 1.70 0.00	27.79 1.64 -2.19	27.24 1.74 0.00	23.88 1.42 -2.31	30.09 1.97 0.00	25.39 1.67 0.00	29.32 1.84 0.00	31.66 1.90 0.00	37.01 2.23 0.00	50.01 2.92 0.00	40.92 2.38 0.00	52.05 2.90 0.00	66.48 3.35 0.00	24.23 1.22 0.00	16.54 0.99 0.00
ROTTRDAM_115KV_TB3 80664	15.09 0.51 0.00	14.10 0.21 -8.63	12.46 0.31 -4.47	10.34 0.14 -6.73	14.73 0.07 -12.84	14.03 0.55 -0.16	19.51 0.77 -0.39	24.93 0.94 0.00	25.62 0.93 -1.73	26.94 1.01 0.00	27.72 0.96 -2.80	26.56 1.06 0.00	23.96 0.85 -2.96	29.32 1.21 0.00	24.75 1.02 0.00	28.64 1.16 0.00	30.94 1.18 0.00	36.18 1.39 0.00	48.94 1.85 0.00	40.05 1.51 0.00	50.99 1.83 0.00	65.33 2.20 0.00	23.78 0.77 0.00	16.13 0.58 0.00
RUSSELL____1 23602	13.88 -0.69 0.00	5.95 -0.23 -0.93	7.80 -0.35 -0.48	4.04 -0.15 -0.73	3.12 -0.08 -1.39	12.79 -0.54 -0.02	17.60 -0.80 -0.04	22.91 -1.07 0.00	22.10 -1.04 -0.19	24.86 -1.07 0.00	22.97 -1.29 -0.30	24.09 -1.41 0.00	19.34 -1.13 -0.32	26.85 -1.25 0.00	22.62 -1.11 0.00	26.39 -1.10 0.00	28.63 -1.14 0.00	33.37 -1.42 0.00	45.39 -1.71 0.00	37.22 -1.33 0.00	47.65 -1.51 0.00	61.13 -2.00 0.00	22.21 -0.80 0.00	15.14 -0.42 0.00
RUSSELL____2 23532	13.88 -0.69 0.00	5.95 -0.23 -0.93	7.80 -0.35 -0.48	4.04 -0.15 -0.73	3.12 -0.08 -1.39	12.79 -0.54 -0.02	17.60 -0.80 -0.04	22.91 -1.07 0.00	22.10 -1.04 -0.19	24.86 -1.07 0.00	22.97 -1.29 -0.30	24.09 -1.41 0.00	19.34 -1.13 -0.32	26.85 -1.25 0.00	22.62 -1.11 0.00	26.39 -1.10 0.00	28.63 -1.14 0.00	33.37 -1.42 0.00	45.39 -1.71 0.00	37.22 -1.33 0.00	47.65 -1.51 0.00	61.13 -2.00 0.00	22.21 -0.80 0.00	15.14 -0.42 0.00
RUSSELL____3 23549	13.88 -0.69 0.00	5.95 -0.23 -0.93	7.80 -0.35 -0.48	4.04 -0.15 -0.73	3.12 -0.08 -1.39	12.79 -0.54 -0.02	17.60 -0.80 -0.04	22.91 -1.07 0.00	22.10 -1.04 -0.19	24.86 -1.07 0.00	22.97 -1.29 -0.30	24.09 -1.41 0.00	19.34 -1.13 -0.32	26.85 -1.25 0.00	22.62 -1.11 0.00	26.39 -1.10 0.00	28.63 -1.14 0.00	33.37 -1.42 0.00	45.39 -1.71 0.00	37.22 -1.33 0.00	47.65 -1.51 0.00	61.13 -2.00 0.00	22.21 -0.80 0.00	15.14 -0.42 0.00
RUSSELL____4 23556	13.88 -0.69 0.00	5.95 -0.23 -0.93	7.80 -0.35 -0.48	4.04 -0.15 -0.73	3.12 -0.08 -1.39	12.79 -0.54 -0.02	17.60 -0.80 -0.04	22.91 -1.07 0.00	22.10 -1.04 -0.19	24.86 -1.07 0.00	22.97 -1.29 -0.30	24.09 -1.41 0.00	19.34 -1.13 -0.32	26.85 -1.25 0.00	22.62 -1.11 0.00	26.39 -1.10 0.00	28.63 -1.14 0.00	33.37 -1.42 0.00	45.39 -1.71 0.00	37.22 -1.33 0.00	47.65 -1.51 0.00	61.13 -2.00 0.00	22.21 -0.80 0.00	15.14 -0.42 0.00
RUSSELL____STATION 23914	13.88 -0.69 0.00	5.95 -0.23 -0.93	7.80 -0.35 -0.48	4.04 -0.15 -0.73	3.12 -0.08 -1.39	12.79 -0.54 -0.02	17.60 -0.80 -0.04	22.91 -1.07 0.00	22.10 -1.04 -0.19	24.86 -1.07 0.00	22.97 -1.29 -0.30	24.09 -1.41 0.00	19.34 -1.13 -0.32	26.85 -1.25 0.00	22.62 -1.11 0.00	26.39 -1.10 0.00	28.63 -1.14 0.00	33.37 -1.42 0.00	45.39 -1.71 0.00	37.22 -1.33 0.00	47.65 -1.51 0.00	61.13 -2.00 0.00	22.21 -0.80 0.00	15.14 -0.42 0.00
S SALMON____HYD 24043	13.97 -0.61 0.00	5.63 -0.22 -0.59	7.68 -0.30 -0.31	2.71 -0.13 0.63	2.01 -0.07 -0.28	12.82 -0.51 -0.01	17.73 -0.66 -0.03	23.13 -0.86 0.00	22.20 -0.87 -0.12	24.95 -0.98 0.00	20.77 -0.92 2.27	22.55 -0.97 1.99	17.21 -0.84 2.10	26.83 -1.28 0.00	22.74 -0.98 0.00	26.41 -1.08 0.00	28.99 -0.77 0.00	34.21 -0.58 0.00	46.37 -0.72 0.00	37.96 -0.58 0.00	48.48 -0.68 0.00	62.38 -0.74 0.00	22.62 -0.38 0.00	15.12 -0.44 0.00
S.PERRY__115KV_TB1 80734	14.14 -0.44 0.00	6.56 -0.08 -1.39	8.21 -0.18 -0.72	4.49 -0.06 -1.09	3.85 -0.03 -2.07	13.05 -0.30 -0.03	18.08 -0.34 -0.06	23.61 -0.37 0.00	22.81 -0.42 -0.28	25.50 -0.43 0.00	23.72 -0.69 -0.45	24.67 -0.84 0.00	19.80 -0.82 -0.48	27.21 -0.90 0.00	23.16 -0.57 0.00	27.19 -0.29 0.00	29.55 -0.22 0.00	34.66 -0.13 0.00	47.21 0.12 0.00	38.81 0.27 0.00	49.61 0.45 0.00	63.39 0.26 0.00	22.90 -0.10 0.00	15.62 0.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.43 -1.15 0.00	5.95 -0.40 -1.09	7.64 -0.61 -0.57	4.06 -0.26 -0.85	3.30 -0.14 -1.63	12.35 -0.98 -0.02	16.88 -1.53 -0.05	21.89 -2.09 0.00	21.10 -2.07 -0.22	23.76 -2.17 0.00	21.84 -2.47 -0.35	22.85 -2.66 0.00	18.47 -2.05 -0.37	25.68 -2.43 0.00	21.60 -2.13 0.00	25.28 -2.21 0.00	27.41 -2.35 0.00	31.82 -2.96 0.00	43.34 -3.75 0.00	35.61 -2.93 0.00	45.74 -3.42 0.00	58.55 -4.58 0.00	21.32 -1.69 0.00	14.64 -0.91 0.00
SAWYER__23_KV_LOAD 55526	13.43 -1.15 0.00	5.95 -0.40 -1.09	7.64 -0.61 -0.57	4.06 -0.26 -0.85	3.30 -0.14 -1.63	12.35 -0.98 -0.02	16.88 -1.53 -0.05	21.89 -2.09 0.00	21.10 -2.07 -0.22	23.76 -2.17 0.00	21.84 -2.47 -0.35	22.85 -2.66 0.00	18.47 -2.05 -0.37	25.68 -2.43 0.00	21.60 -2.13 0.00	25.28 -2.21 0.00	27.41 -2.35 0.00	31.82 -2.96 0.00	43.34 -3.75 0.00	35.61 -2.93 0.00	45.74 -3.42 0.00	58.55 -4.58 0.00	21.32 -1.69 0.00	14.64 -0.91 0.00
SELKIRK____I 23801	15.13 0.55 0.00	13.60 0.24 -8.10	12.22 0.35 -4.20	9.95 0.16 -6.32	13.95 0.08 -12.06	14.07 0.60 -0.15	19.49 0.77 -0.36	24.87 0.89 0.00	25.46 0.89 -1.63	26.86 0.93 0.00	27.49 0.91 -2.63	26.48 0.98 0.00	23.71 0.79 -2.78	29.22 1.11 0.00	24.68 0.96 0.00	28.55 1.07 0.00	30.85 1.09 0.00	36.10 1.32 0.00	48.84 1.75 0.00	39.94 1.40 0.00	50.89 1.74 0.00	65.24 2.11 0.00	23.77 0.76 0.00	16.15 0.60 0.00
SELKIRK____II 23799	15.06 0.49 0.00	13.67 0.22 -8.19	12.24 0.32 -4.25	10.01 0.15 -6.39	14.08 0.08 -12.19	14.02 0.55 -0.16	19.42 0.70 -0.37	24.79 0.81 0.00	25.42 0.82 -1.65	26.82 0.88 0.00	27.48 0.87 -2.65	26.44 0.94 0.00	23.72 0.76 -2.81	29.18 1.07 0.00	24.63 0.90 0.00	28.47 0.99 0.00	30.76 1.00 0.00	35.98 1.19 0.00	48.65 1.56 0.00	39.79 1.25 0.00	50.72 1.56 0.00	64.97 1.84 0.00	23.68 0.67 0.00	16.10 0.54 0.00

SENECA OSWGO___HYD 24041	14.13 -0.44 0.00	5.78 -0.14 -0.67	7.81 -0.21 -0.35	3.90 -0.09 -0.52	2.76 -0.05 -0.99	13.00 -0.33 -0.01	17.93 -0.45 -0.03	23.39 -0.59 0.00	22.50 -0.59 -0.13	25.31 -0.62 0.00	23.56 -0.62 -0.22	24.81 -0.69 0.00	19.78 -0.60 -0.23	27.24 -0.87 0.00	22.97 -0.75 0.00	26.68 -0.80 0.00	28.97 -0.79 0.00	33.90 -0.88 0.00	45.90 -1.19 0.00	37.59 -0.95 0.00	47.98 -1.18 0.00	62.00 -1.13 0.00	22.53 -0.48 0.00	15.25 -0.31 0.00
SENECA___115KV_TB3 355854	13.57 -1.01 0.00	6.04 -0.35 -1.13	7.73 -0.53 -0.59	4.13 -0.22 -0.88	3.37 -0.12 -1.68	12.49 -0.85 -0.02	17.08 -1.33 -0.05	22.16 -1.82 0.00	21.36 -1.82 -0.23	24.06 -1.87 0.00	22.14 -2.18 -0.36	23.17 -2.34 0.00	18.73 -1.80 -0.39	26.06 -2.05 0.00	21.90 -1.82 0.00	25.65 -1.84 0.00	27.82 -1.94 0.00	32.31 -2.48 0.00	43.96 -3.13 0.00	36.13 -2.41 0.00	46.41 -2.75 0.00	59.38 -3.75 0.00	21.60 -1.41 0.00	14.82 -0.74 0.00
SENECA___ENERGY 23797	14.17 -0.41 0.00	6.16 -0.12 -1.02	8.00 -0.19 -0.53	4.18 -0.08 -0.79	3.28 -0.04 -1.51	13.03 -0.30 -0.02	17.99 -0.41 -0.05	23.47 -0.52 0.00	22.64 -0.51 -0.20	25.41 -0.52 0.00	23.70 -0.59 -0.33	24.84 -0.67 0.00	19.96 -0.54 -0.35	27.44 -0.67 0.00	23.12 -0.61 0.00	26.92 -0.57 0.00	29.24 -0.52 0.00	34.12 -0.66 0.00	46.39 -0.70 0.00	37.98 -0.56 0.00	48.43 -0.73 0.00	61.94 -1.19 0.00	22.53 -0.48 0.00	15.29 -0.27 0.00
SHOEMAKER___GT 23640	15.29 0.72 0.00	11.71 0.30 -6.15	11.32 0.45 -3.19	8.48 0.21 -4.80	11.07 0.11 -9.15	14.23 0.80 -0.12	19.74 1.11 -0.28	25.33 1.35 0.00	25.55 1.36 -1.24	27.48 1.55 0.00	27.43 1.48 -1.99	27.07 1.56 0.00	23.52 1.27 -2.11	29.88 1.77 0.00	25.22 1.50 0.00	29.15 1.67 0.00	31.49 1.73 0.00	36.81 2.03 0.00	49.73 2.64 0.00	40.71 2.16 0.00	51.83 2.67 0.00	66.21 3.08 0.00	24.11 1.10 0.00	16.44 0.88 0.00
SHOEMAKR_138KV_BK 111 55601	15.29 0.72 0.00	11.67 0.30 -6.11	11.30 0.45 -3.17	8.45 0.21 -4.77	11.01 0.11 -9.09	14.23 0.80 -0.12	19.74 1.11 -0.27	25.34 1.36 0.00	25.54 1.36 -1.23	27.48 1.55 0.00	27.42 1.48 -1.98	27.06 1.56 0.00	23.51 1.27 -2.09	29.88 1.77 0.00	25.23 1.50 0.00	29.14 1.66 0.00	31.49 1.73 0.00	36.82 2.03 0.00	49.73 2.64 0.00	40.70 2.15 0.00	51.81 2.65 0.00	66.20 3.07 0.00	24.11 1.10 0.00	16.44 0.89 0.00
SHOREHAM_IC_1 23715	15.71 1.14 0.00	12.46 0.51 -6.69	11.89 0.74 -3.47	9.04 0.35 -5.22	11.94 0.17 -9.96	14.83 1.38 -0.13	20.69 2.04 -0.30	26.41 2.43 0.00	26.41 2.11 -1.34	28.29 2.36 0.00	28.30 2.18 -2.17	27.71 2.21 0.00	24.30 1.86 -2.30	30.72 2.61 0.00	25.93 2.21 0.00	29.89 2.40 0.00	32.32 2.56 0.00	37.76 2.97 0.00	51.41 4.32 0.00	42.26 3.72 0.00	53.66 4.50 0.00	67.75 4.62 0.00	24.96 1.95 0.00	17.04 1.49 0.00
SHOREHAM_IC_2 23716	15.71 1.14 0.00	12.46 0.51 -6.69	11.89 0.74 -3.47	9.04 0.35 -5.22	11.94 0.17 -9.96	14.83 1.38 -0.13	20.69 2.04 -0.30	26.41 2.43 0.00	26.41 2.11 -1.34	28.29 2.36 0.00	28.30 2.18 -2.17	27.71 2.21 0.00	24.30 1.86 -2.30	30.72 2.61 0.00	25.93 2.21 0.00	29.89 2.40 0.00	32.32 2.56 0.00	37.76 2.97 0.00	51.41 4.32 0.00	42.26 3.72 0.00	53.66 4.50 0.00	67.75 4.62 0.00	24.96 1.95 0.00	17.04 1.49 0.00
SISSONVILLE___ 23735	14.24 -0.34 0.00	5.07 -0.19 0.00	7.41 -0.27 0.00	-8.36 -0.14 11.69	-4.69 -0.07 6.43	12.64 -0.67 0.00	17.58 -0.78 0.00	23.93 -0.91 -0.85	26.52 -0.93 -4.50	31.61 -1.06 -6.74	-1.59 -0.92 24.64	6.45 -0.68 18.38	-3.57 -0.56 23.15	34.80 -0.79 -7.47	30.19 -0.63 -7.10	34.03 -0.94 -7.48	36.81 -0.87 -7.92	42.73 -0.88 -8.84	56.66 -1.14 -10.71	46.69 -0.91 -9.06	58.63 -1.13 -10.61	73.48 -1.19 -11.54	29.73 -0.16 -6.88	20.87 -0.45 -5.76
SITHE_IND_GS1 24169	14.05 -0.53 0.00	5.63 -0.17 -0.55	7.70 -0.26 -0.29	3.79 -0.11 -0.43	2.57 -0.06 -0.82	12.90 -0.43 -0.01	17.77 -0.61 -0.02	23.18 -0.80 0.00	22.29 -0.77 -0.11	25.08 -0.85 0.00	23.30 -0.83 -0.18	24.60 -0.90 0.00	19.59 -0.75 -0.19	27.00 -1.11 0.00	22.78 -0.94 0.00	26.42 -1.06 0.00	28.64 -1.12 0.00	33.48 -1.30 0.00	45.33 -1.76 0.00	37.13 -1.42 0.00	47.42 -1.74 0.00	61.16 -1.97 0.00	22.27 -0.74 0.00	15.08 -0.47 0.00
SITHE_IND_GS2 24170	14.05 -0.53 0.00	5.63 -0.17 -0.55	7.70 -0.26 -0.29	3.79 -0.11 -0.43	2.57 -0.06 -0.82	12.90 -0.43 -0.01	17.77 -0.61 -0.02	23.18 -0.80 0.00	22.29 -0.77 -0.11	25.08 -0.85 0.00	23.30 -0.83 -0.18	24.60 -0.90 0.00	19.59 -0.75 -0.19	27.00 -1.11 0.00	22.78 -0.94 0.00	26.42 -1.06 0.00	28.64 -1.12 0.00	33.48 -1.30 0.00	45.33 -1.76 0.00	37.13 -1.42 0.00	47.42 -1.74 0.00	61.16 -1.97 0.00	22.27 -0.74 0.00	15.08 -0.47 0.00
SITHE_IND_GS3 24171	14.05 -0.53 0.00	5.63 -0.17 -0.55	7.70 -0.26 -0.29	3.79 -0.11 -0.43	2.57 -0.06 -0.82	12.90 -0.43 -0.01	17.77 -0.61 -0.02	23.18 -0.80 0.00	22.29 -0.77 -0.11	25.08 -0.85 0.00	23.30 -0.83 -0.18	24.60 -0.90 0.00	19.59 -0.75 -0.19	27.00 -1.11 0.00	22.78 -0.94 0.00	26.42 -1.06 0.00	28.64 -1.12 0.00	33.48 -1.30 0.00	45.33 -1.76 0.00	37.13 -1.42 0.00	47.42 -1.74 0.00	61.16 -1.97 0.00	22.27 -0.74 0.00	15.08 -0.47 0.00
SITHE_IND_GS4 24172	14.05 -0.53 0.00	5.63 -0.17 -0.55	7.70 -0.26 -0.29	3.79 -0.11 -0.43	2.57 -0.06 -0.82	12.90 -0.43 -0.01	17.77 -0.61 -0.02	23.18 -0.80 0.00	22.29 -0.77 -0.11	25.08 -0.85 0.00	23.30 -0.83 -0.18	24.60 -0.90 0.00	19.59 -0.75 -0.19	27.00 -1.11 0.00	22.78 -0.94 0.00	26.42 -1.06 0.00	28.64 -1.12 0.00	33.48 -1.30 0.00	45.33 -1.76 0.00	37.13 -1.42 0.00	47.42 -1.74 0.00	61.16 -1.97 0.00	22.27 -0.74 0.00	15.08 -0.47 0.00
SITHE___BATAVIA 24024	13.76 -0.81 0.00	5.99 -0.28 -1.02	7.77 -0.43 -0.53	4.08 -0.17 -0.79	3.23 -0.09 -1.51	12.70 -0.64 -0.02	17.43 -0.97 -0.05	22.66 -1.32 0.00	21.85 -1.30 -0.20	24.64 -1.29 0.00	22.51 -1.78 -0.33	23.51 -1.99 0.00	18.92 -1.58 -0.35	26.48 -1.63 0.00	22.38 -1.34 0.00	26.18 -1.30 0.00	28.42 -1.34 0.00	33.09 -1.70 0.00	45.03 -2.06 0.00	36.95 -1.60 0.00	47.42 -1.74 0.00	60.67 -2.46 0.00	22.05 -0.97 0.00	15.12 -0.44 0.00
SITHE___INDEPEND 23800	14.05 -0.53 0.00	5.63 -0.17 -0.55	7.70 -0.26 -0.29	3.79 -0.11 -0.43	2.57 -0.06 -0.82	12.90 -0.43 -0.01	17.77 -0.61 -0.02	23.18 -0.80 0.00	22.29 -0.77 -0.11	25.08 -0.85 0.00	23.30 -0.83 -0.18	24.60 -0.90 0.00	19.59 -0.75 -0.19	27.00 -1.11 0.00	22.78 -0.95 0.00	26.42 -1.06 0.00	28.64 -1.12 0.00	33.47 -1.31 0.00	45.33 -1.76 0.00	37.12 -1.42 0.00	47.41 -1.75 0.00	61.16 -1.97 0.00	22.26 -0.75 0.00	15.08 -0.47 0.00
SITHE___MASSENA 23902	14.45 -0.12 0.00	5.16 -0.10 0.00	7.53 -0.15 0.00	-10.79 -0.08 14.18	-6.03 -0.04 7.80	13.00 -0.32 0.00	18.03 -0.32 0.00	23.80 -0.34 -0.16	23.42 -0.36 -0.83	26.77 -0.40 -1.24	-8.08 -0.40 31.63	-0.13 -0.34 25.29	-9.79 -0.28 29.67	29.10 -0.38 -1.38	24.73 -0.31 -1.31	28.52 -0.35 -1.38	30.93 -0.30 -1.46	36.08 -0.33 -1.63	48.65 -0.43 -1.99	39.90 -0.32 -1.68	50.75 -0.38 -1.97	64.85 -0.42 -2.14	24.25 -0.03 -1.28	16.37 -0.25 -1.07

SITHE___OGDNSBRG 24021	14.56 -0.02 0.00	5.18 -0.08 0.00	7.56 -0.11 0.00	-9.25 -0.06 12.66	-5.19 -0.03 6.96	13.04 -0.28 0.00	18.14 -0.21 0.00	24.41 -0.16 -0.58	25.82 -0.20 -3.07	30.31 -0.23 -4.60	-3.67 -0.28 27.35	4.35 -0.09 21.06	-5.61 -0.08 25.68	33.11 -0.10 -5.11	28.39 -0.19 -4.85	32.44 -0.16 -5.11	35.18 0.01 -5.41	40.88 0.06 -6.04	54.60 0.18 -7.32	44.91 0.18 -6.19	56.66 0.25 -7.25	71.40 0.38 -7.89	28.02 0.31 -4.70	19.40 -0.10 -3.94
SITHE___STERLING 23777	14.80 0.22 0.00	5.70 0.08 -0.36	7.99 0.13 -0.19	3.80 0.06 -0.28	2.37 0.03 -0.54	13.58 0.26 -0.01	18.80 0.43 -0.02	24.55 0.57 0.00	23.54 0.52 -0.07	26.50 0.57 0.00	24.61 0.54 -0.12	26.08 0.58 0.00	20.68 0.41 -0.12	28.77 0.66 0.00	24.33 0.60 0.00	28.14 0.65 0.00	30.66 0.90 0.00	35.88 1.10 0.00	48.50 1.41 0.00	39.71 1.17 0.00	50.70 1.54 0.00	65.07 1.94 0.00	23.63 0.62 0.00	15.94 0.39 0.00
SLEIGHT__34_KV_TB1 80719	13.96 -0.62 0.00	5.98 -0.21 -0.93	7.84 -0.31 -0.48	4.05 -0.14 -0.73	3.12 -0.07 -1.38	12.85 -0.48 -0.02	17.74 -0.66 -0.04	23.12 -0.87 0.00	22.29 -0.84 -0.19	25.05 -0.88 0.00	23.25 -1.01 -0.30	24.39 -1.12 0.00	19.57 -0.90 -0.32	27.03 -1.08 0.00	22.77 -0.96 0.00	26.53 -0.96 0.00	28.74 -1.02 0.00	33.50 -1.28 0.00	45.48 -1.61 0.00	37.27 -1.28 0.00	47.64 -1.52 0.00	61.16 -1.97 0.00	22.22 -0.79 0.00	15.12 -0.44 0.00
SOUTH CAIRO___GT 23612	15.52 0.94 0.00	13.44 0.38 -7.81	12.27 0.55 -4.05	9.81 0.25 -6.09	13.56 0.13 -11.62	14.45 0.98 -0.15	20.02 1.31 -0.35	25.62 1.64 0.00	26.16 1.64 -1.57	27.69 1.76 0.00	28.11 1.62 -2.53	27.31 1.80 0.00	24.19 1.37 -2.68	30.10 1.99 0.00	25.48 1.75 0.00	29.49 2.01 0.00	31.96 2.20 0.00	37.48 2.70 0.00	50.74 3.65 0.00	41.42 2.88 0.00	52.70 3.54 0.00	67.43 4.30 0.00	24.48 1.47 0.00	16.59 1.04 0.00
SOUTH HAMPTN___IC 23720	15.79 1.21 0.00	12.49 0.54 -6.69	11.94 0.79 -3.47	9.07 0.38 -5.22	11.96 0.19 -9.96	14.95 1.50 -0.13	20.87 2.21 -0.30	26.66 2.68 0.00	26.69 2.39 -1.34	28.63 2.70 0.00	28.63 2.51 -2.17	28.06 2.56 0.00	24.58 2.14 -2.30	31.11 3.01 0.00	26.25 2.52 0.00	30.16 2.68 0.00	32.55 2.79 0.00	38.17 3.38 0.00	52.01 4.92 0.00	42.74 4.20 0.00	54.26 5.10 0.00	68.54 5.41 0.00	25.23 2.22 0.00	17.22 1.66 0.00
SOUTHDOW__115KV_TB1 355954	13.95 -0.62 0.00	6.31 -0.18 -1.23	8.02 -0.29 -0.64	4.32 -0.11 -0.96	3.57 -0.07 -1.84	12.91 -0.43 -0.02	17.78 -0.63 -0.06	22.89 -1.10 0.00	22.13 -1.07 -0.25	24.75 -1.18 0.00	22.88 -1.47 -0.40	24.02 -1.49 0.00	19.50 -1.08 -0.42	27.06 -1.04 0.00	22.86 -0.86 0.00	27.05 -0.43 0.00	29.38 -0.39 0.00	34.15 -0.63 0.00	46.15 -0.94 0.00	38.02 -0.52 0.00	48.87 -0.29 0.00	62.55 -0.58 0.00	22.67 -0.34 0.00	15.52 -0.03 0.00
SOUTHOLD_69_KV_BK 2 55809	15.85 1.27 0.00	12.53 0.58 -6.69	11.99 0.85 -3.47	9.10 0.41 -5.22	11.98 0.21 -9.96	15.11 1.67 -0.13	21.13 2.47 -0.30	27.02 3.04 0.00	27.05 2.75 -1.34	29.04 3.11 0.00	29.02 2.89 -2.17	28.45 2.95 0.00	24.89 2.44 -2.30	31.57 3.45 0.00	26.60 2.87 0.00	30.42 2.93 0.00	32.71 2.95 0.00	38.63 3.85 0.00	52.80 5.71 0.00	43.39 4.85 0.00	55.07 5.91 0.00	69.53 6.40 0.00	25.56 2.55 0.00	17.44 1.88 0.00
SOUTHOLD___IC 23719	15.84 1.27 0.00	12.53 0.58 -6.69	11.99 0.85 -3.47	9.10 0.42 -5.22	11.98 0.21 -9.96	15.11 1.67 -0.13	21.12 2.47 -0.30	27.02 3.04 0.00	27.05 2.76 -1.34	29.04 3.11 0.00	29.02 2.89 -2.17	28.46 2.95 0.00	24.89 2.44 -2.30	31.57 3.45 0.00	26.60 2.87 0.00	30.42 2.93 0.00	32.71 2.95 0.00	38.63 3.85 0.00	52.81 5.72 0.00	43.39 4.85 0.00	55.07 5.91 0.00	69.53 6.40 0.00	25.56 2.55 0.00	17.44 1.88 0.00
SOUTH_FORK_WT_PWR 323839	15.76 1.19 0.00	12.51 0.56 -6.69	11.97 0.83 -3.47	9.11 0.41 -5.22	11.98 0.21 -9.96	15.12 1.68 -0.13	21.15 2.49 -0.30	27.05 3.07 0.00	27.07 2.78 -1.34	29.06 3.13 0.00	29.04 2.91 -2.17	28.47 2.97 0.00	24.90 2.46 -2.30	31.59 3.48 0.00	26.62 2.89 0.00	30.30 2.81 0.00	32.51 2.74 0.00	38.57 3.78 0.00	52.85 5.76 0.00	43.43 4.88 0.00	55.13 5.97 0.00	69.57 6.44 0.00	25.58 2.57 0.00	17.45 1.90 0.00
SPIERFLS_115KV_TB 1 80737	15.22 0.65 0.00	14.07 0.27 -8.54	12.49 0.39 -4.42	10.31 0.17 -6.66	14.61 0.09 -12.71	14.21 0.73 -0.16	19.85 1.11 -0.38	25.39 1.41 0.00	26.01 1.35 -1.71	27.39 1.46 0.00	28.14 1.41 -2.77	27.06 1.56 0.00	24.36 1.28 -2.93	30.05 1.94 0.00	25.32 1.59 0.00	29.31 1.83 0.00	31.57 1.81 0.00	36.94 2.15 0.00	50.04 2.95 0.00	40.96 2.42 0.00	51.86 2.70 0.00	66.29 3.16 0.00	24.07 1.07 0.00	16.28 0.72 0.00
ST LAWRENCE____ 23600	14.33 -0.25 0.00	5.11 -0.14 0.00	7.47 -0.21 0.00	-11.33 -0.11 14.70	-6.33 -0.06 8.08	12.90 -0.41 0.00	17.85 -0.51 0.00	23.39 -0.59 0.00	22.35 -0.60 0.00	25.27 -0.66 0.00	-9.80 -0.65 33.11	-1.91 -0.64 26.77	-11.40 -0.52 31.04	27.39 -0.72 0.00	23.13 -0.60 0.00	26.84 -0.64 0.00	29.12 -0.65 0.00	34.02 -0.76 0.00	46.16 -0.93 0.00	37.75 -0.79 0.00	48.17 -0.99 0.00	61.95 -1.18 0.00	22.67 -0.34 0.00	15.16 -0.40 0.00
STATE_CA_115KV_115_LB 55624	15.12 0.55 0.00	13.77 0.25 -8.26	12.32 0.37 -4.28	10.08 0.17 -6.44	14.19 0.09 -12.29	14.09 0.62 -0.16	19.51 0.78 -0.37	24.89 0.91 0.00	25.55 0.94 -1.66	26.94 1.01 0.00	27.62 0.99 -2.68	26.59 1.08 0.00	23.85 0.87 -2.83	29.34 1.23 0.00	24.77 1.04 0.00	28.63 1.14 0.00	30.92 1.16 0.00	36.16 1.38 0.00	48.88 1.79 0.00	39.95 1.41 0.00	50.90 1.74 0.00	65.17 2.04 0.00	23.75 0.74 0.00	16.15 0.60 0.00
STATE_ST_34_KV_LOAD 55959	14.45 -0.12 0.00	6.24 -0.02 -1.00	8.15 -0.05 -0.52	4.22 -0.03 -0.78	3.29 -0.01 -1.49	13.26 -0.08 -0.02	18.30 -0.10 -0.05	23.86 -0.12 0.00	23.00 -0.15 -0.20	25.78 -0.15 0.00	24.09 -0.20 -0.32	25.28 -0.22 0.00	20.29 -0.20 -0.34	27.85 -0.26 0.00	23.47 -0.26 0.00	27.26 -0.23 0.00	29.59 -0.17 0.00	34.59 -0.19 0.00	46.87 -0.23 0.00	38.43 -0.12 0.00	49.05 -0.11 0.00	63.01 -0.12 0.00	22.90 -0.10 0.00	15.54 -0.02 0.00
STATION 5_MISC_HYD 23604	13.83 -0.75 0.00	5.94 -0.25 -0.93	7.78 -0.38 -0.48	4.03 -0.16 -0.73	3.11 -0.08 -1.39	12.75 -0.59 -0.02	17.53 -0.87 -0.04	22.82 -1.16 0.00	22.00 -1.14 -0.19	24.76 -1.17 0.00	22.87 -1.39 -0.30	23.98 -1.52 0.00	19.27 -1.20 -0.32	26.73 -1.38 0.00	22.52 -1.21 0.00	26.28 -1.21 0.00	28.50 -1.26 0.00	33.20 -1.59 0.00	45.14 -1.95 0.00	37.01 -1.54 0.00	47.39 -1.76 0.00	60.81 -2.32 0.00	22.11 -0.90 0.00	15.08 -0.48 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	14.08 -0.49 0.00	6.05 -0.15 -0.95	7.92 -0.25 -0.49	4.11 -0.10 -0.74	3.17 -0.05 -1.41	12.98 -0.35 -0.02	17.92 -0.48 -0.04	23.36 -0.62 0.00	22.52 -0.62 -0.19	25.31 -0.62 0.00	23.47 -0.79 -0.31	24.62 -0.89 0.00	19.76 -0.71 -0.33	27.32 -0.79 0.00	23.01 -0.71 0.00	26.83 -0.65 0.00	29.14 -0.62 0.00	33.97 -0.81 0.00	46.17 -0.92 0.00	37.84 -0.71 0.00	48.36 -0.80 0.00	62.03 -1.10 0.00	22.56 -0.44 0.00	15.34 -0.22 0.00

STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.79 -0.79 0.00	5.92 -0.26 -0.93	7.75 -0.40 -0.48	4.02 -0.17 -0.73	3.10 -0.09 -1.38	12.70 -0.63 -0.02	17.48 -0.92 -0.04	22.77 -1.22 0.00	21.97 -1.17 -0.19	24.70 -1.23 0.00	22.84 -1.42 -0.30	23.96 -1.55 0.00	19.24 -1.23 -0.32	26.67 -1.44 0.00	22.46 -1.26 0.00	26.21 -1.27 0.00	28.44 -1.33 0.00	33.13 -1.65 0.00	45.05 -2.04 0.00	36.92 -1.62 0.00	47.27 -1.89 0.00	60.66 -2.47 0.00	22.05 -0.96 0.00	15.02 -0.54 0.00
STA_56____34_KV_BUS2 355983	13.79 -0.79 0.00	5.92 -0.26 -0.93	7.75 -0.40 -0.48	4.02 -0.17 -0.73	3.10 -0.09 -1.38	12.70 -0.63 -0.02	17.48 -0.92 -0.04	22.77 -1.22 0.00	21.97 -1.17 -0.19	24.70 -1.23 0.00	22.84 -1.42 -0.30	23.96 -1.55 0.00	19.24 -1.23 -0.32	26.67 -1.44 0.00	22.46 -1.26 0.00	26.21 -1.27 0.00	28.44 -1.33 0.00	33.13 -1.65 0.00	45.05 -2.04 0.00	36.92 -1.62 0.00	47.27 -1.89 0.00	60.66 -2.47 0.00	22.05 -0.96 0.00	15.02 -0.54 0.00
STA_67____115KV_BK2 355882	13.80 -0.77 0.00	5.93 -0.26 -0.93	7.76 -0.39 -0.48	4.03 -0.17 -0.73	3.11 -0.09 -1.39	12.72 -0.61 -0.02	17.49 -0.91 -0.04	22.76 -1.22 0.00	21.96 -1.18 -0.19	24.69 -1.24 0.00	22.81 -1.44 -0.30	23.93 -1.58 0.00	19.22 -1.25 -0.32	26.66 -1.45 0.00	22.45 -1.27 0.00	26.20 -1.29 0.00	28.41 -1.35 0.00	33.10 -1.68 0.00	45.01 -2.08 0.00	36.91 -1.63 0.00	47.27 -1.89 0.00	60.65 -2.48 0.00	22.05 -0.96 0.00	15.03 -0.52 0.00
STA_7____115KV_9TRANS 80674	13.88 -0.69 0.00	5.95 -0.23 -0.93	7.80 -0.35 -0.48	4.04 -0.15 -0.73	3.12 -0.08 -1.39	12.79 -0.54 -0.02	17.60 -0.80 -0.04	22.91 -1.07 0.00	22.10 -1.04 -0.19	24.86 -1.07 0.00	22.97 -1.29 -0.30	24.09 -1.41 0.00	19.34 -1.13 -0.32	26.85 -1.25 0.00	22.62 -1.11 0.00	26.39 -1.10 0.00	28.63 -1.14 0.00	33.37 -1.42 0.00	45.39 -1.71 0.00	37.22 -1.33 0.00	47.65 -1.51 0.00	61.13 -2.00 0.00	22.21 -0.80 0.00	15.14 -0.42 0.00
STA_82____115KV_TB1 80780	13.81 -0.76 0.00	5.94 -0.26 -0.94	7.77 -0.39 -0.48	4.03 -0.16 -0.73	3.12 -0.09 -1.39	12.73 -0.61 -0.02	17.50 -0.90 -0.04	22.78 -1.20 0.00	21.97 -1.17 -0.19	24.70 -1.23 0.00	22.83 -1.43 -0.30	23.94 -1.57 0.00	19.22 -1.24 -0.32	26.66 -1.45 0.00	22.46 -1.26 0.00	26.21 -1.27 0.00	28.43 -1.33 0.00	33.12 -1.66 0.00	45.06 -2.04 0.00	36.92 -1.62 0.00	47.28 -1.88 0.00	60.69 -2.44 0.00	22.06 -0.95 0.00	15.04 -0.51 0.00
STEEL____WIND 323596	13.55 -1.02 0.00	6.03 -0.36 -1.13	7.71 -0.55 -0.59	4.12 -0.22 -0.88	3.37 -0.12 -1.68	12.47 -0.87 -0.02	17.05 -1.35 -0.05	22.12 -1.86 0.00	21.33 -1.85 -0.23	24.03 -1.90 0.00	22.11 -2.22 -0.36	23.13 -2.37 0.00	18.72 -1.81 -0.39	26.04 -2.06 0.00	21.88 -1.85 0.00	25.63 -1.85 0.00	27.82 -1.95 0.00	32.28 -2.51 0.00	43.90 -3.19 0.00	36.09 -2.46 0.00	46.33 -2.83 0.00	59.29 -3.84 0.00	21.58 -1.43 0.00	14.81 -0.75 0.00
STEPHTWN_115KV_BK_2 55603	15.19 0.61 0.00	13.77 0.28 -8.22	12.35 0.41 -4.26	10.08 0.19 -6.42	14.15 0.10 -12.24	14.18 0.71 -0.16	19.66 0.93 -0.37	25.07 1.08 0.00	25.68 1.07 -1.65	27.07 1.14 0.00	27.79 1.17 -2.66	26.74 1.24 0.00	23.97 1.00 -2.82	29.54 1.43 0.00	24.90 1.17 0.00	28.82 1.33 0.00	31.13 1.37 0.00	36.44 1.65 0.00	49.23 2.14 0.00	40.25 1.71 0.00	51.30 2.15 0.00	65.74 2.61 0.00	23.89 0.88 0.00	16.24 0.69 0.00
STEUBEN_REC_LFGE 323667	13.70 -0.88 0.00	6.82 -0.12 -1.68	8.23 -0.32 -0.87	4.67 -0.11 -1.31	4.26 -0.05 -2.51	12.60 -0.74 -0.03	17.54 -0.89 -0.08	22.87 -1.11 0.00	22.14 -1.15 -0.34	24.64 -1.29 0.00	23.38 -1.13 -0.55	24.15 -1.35 0.00	19.56 -1.16 -0.58	26.55 -1.56 0.00	22.42 -1.30 0.00	26.23 -1.26 0.00	28.49 -1.27 0.00	33.33 -1.45 0.00	45.44 -1.65 0.00	37.46 -1.08 0.00	47.84 -1.32 0.00	61.11 -2.02 0.00	22.23 -0.78 0.00	15.26 -0.29 0.00
STILLWATER____SOLAR 323814	15.31 0.73 0.00	14.05 0.30 -8.49	12.51 0.43 -4.40	10.29 0.20 -6.63	14.55 0.10 -12.64	14.26 0.78 -0.16	19.84 1.11 -0.38	25.35 1.37 0.00	25.99 1.33 -1.71	27.36 1.43 0.00	28.09 1.38 -2.75	27.01 1.51 0.00	24.29 1.23 -2.91	29.87 1.76 0.00	25.19 1.46 0.00	29.16 1.67 0.00	31.45 1.70 0.00	36.78 2.00 0.00	49.77 2.67 0.00	40.72 2.18 0.00	51.78 2.62 0.00	66.32 3.19 0.00	24.10 1.09 0.00	16.34 0.78 0.00
STONY____BROOK 24151	15.76 1.19 0.00	12.46 0.51 -6.69	11.89 0.74 -3.47	9.03 0.34 -5.22	11.94 0.17 -9.96	14.78 1.34 -0.13	20.60 1.95 -0.30	26.37 2.39 0.00	26.50 2.21 -1.34	28.46 2.53 0.00	28.52 2.40 -2.17	28.00 2.49 0.00	24.52 2.08 -2.30	31.01 2.91 0.00	26.20 2.47 0.00	30.22 2.73 0.00	32.64 2.88 0.00	38.03 3.24 0.00	51.60 4.51 0.00	42.44 3.90 0.00	53.90 4.74 0.00	68.17 5.04 0.00	25.06 2.05 0.00	17.11 1.56 0.00
STURGEON_POOL_HYD 23609	15.43 0.86 0.00	12.52 0.35 -6.91	11.77 0.51 -3.58	9.10 0.24 -5.39	12.22 0.12 -10.29	14.40 0.95 -0.13	19.99 1.32 -0.31	25.63 1.64 0.00	26.01 1.67 -1.39	27.83 1.90 0.00	28.03 1.83 -2.24	27.43 1.93 0.00	24.07 1.55 -2.37	30.28 2.17 0.00	25.55 1.82 0.00	29.49 2.01 0.00	31.85 2.09 0.00	37.22 2.43 0.00	50.28 3.19 0.00	41.15 2.61 0.00	52.36 3.20 0.00	66.79 3.66 0.00	24.35 1.34 0.00	16.63 1.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	15.39 0.81 0.00	11.88 0.34 -6.28	11.44 0.51 -3.26	8.61 0.24 -4.90	11.28 0.12 -9.35	14.34 0.90 -0.12	19.88 1.24 -0.28	25.52 1.54 0.00	25.76 1.54 -1.26	27.66 1.73 0.00	27.66 1.67 -2.04	27.26 1.76 0.00	23.73 1.43 -2.15	30.10 1.99 0.00	25.41 1.68 0.00	29.35 1.87 0.00	31.72 1.96 0.00	37.09 2.31 0.00	50.09 3.00 0.00	40.97 2.43 0.00	52.15 2.98 0.00	66.59 3.46 0.00	24.27 1.25 0.00	16.55 1.00 0.00
SWANROAD_115KV_TB1 355699	13.15 -1.43 0.00	5.83 -0.50 -1.07	7.47 -0.76 -0.55	3.98 -0.32 -0.83	3.23 -0.17 -1.59	12.09 -1.25 -0.02	16.50 -1.91 -0.05	21.37 -2.61 0.00	20.59 -2.58 -0.21	23.19 -2.74 0.00	21.26 -3.04 -0.35	22.23 -3.28 0.00	17.97 -2.55 -0.37	24.97 -3.14 0.00	21.03 -2.70 0.00	24.60 -2.89 0.00	26.69 -3.08 0.00	30.98 -3.80 0.00	42.24 -4.85 0.00	34.68 -3.86 0.00	44.55 -4.62 0.00	57.00 -6.13 0.00	20.79 -2.22 0.00	14.32 -1.24 0.00
SYNERGY____BIOGAS 323694	13.76 -0.81 0.00	5.99 -0.28 -1.02	7.77 -0.43 -0.53	4.08 -0.17 -0.79	3.23 -0.09 -1.51	12.70 -0.64 -0.02	17.43 -0.97 -0.05	22.66 -1.32 0.00	21.85 -1.30 -0.20	24.64 -1.29 0.00	22.51 -1.78 -0.33	23.51 -1.99 0.00	18.92 -1.58 -0.35	26.48 -1.63 0.00	22.38 -1.34 0.00	26.18 -1.30 0.00	28.42 -1.34 0.00	33.09 -1.70 0.00	45.03 -2.06 0.00	36.95 -1.60 0.00	47.42 -1.74 0.00	60.67 -2.46 0.00	22.05 -0.97 0.00	15.12 -0.44 0.00
SYRACUSE____ENERGY_ST1 323597	14.35 -0.22 0.00	6.02 -0.06 -0.83	8.00 -0.10 -0.43	4.07 -0.04 -0.65	3.02 -0.02 -1.23	13.20 -0.14 -0.02	18.21 -0.19 -0.04	23.75 -0.23 0.00	22.87 -0.25 -0.17	25.68 -0.24 0.00	23.95 -0.27 -0.27	25.19 -0.32 0.00	20.16 -0.27 -0.28	27.72 -0.39 0.00	23.37 -0.35 0.00	27.12 -0.37 0.00	29.43 -0.33 0.00	34.41 -0.38 0.00	46.60 -0.49 0.00	38.18 -0.36 0.00	48.74 -0.42 0.00	62.71 -0.42 0.00	22.80 -0.21 0.00	15.45 -0.10 0.00

SYRACUSE___ENERGY_ST2 323598	14.35 -0.22 0.00	6.02 -0.06 -0.83	8.00 -0.10 -0.43	4.07 -0.04 -0.65	3.02 -0.02 -1.23	13.20 -0.14 -0.02	18.21 -0.19 -0.04	23.75 -0.23 0.00	22.87 -0.25 -0.17	25.68 -0.24 0.00	23.95 -0.27 -0.27	25.19 -0.32 0.00	20.16 -0.27 -0.28	27.72 -0.39 0.00	23.37 -0.35 0.00	27.12 -0.37 0.00	29.43 -0.33 0.00	34.41 -0.38 0.00	46.60 -0.49 0.00	38.18 -0.36 0.00	48.74 -0.42 0.00	62.71 -0.42 0.00	22.80 -0.21 0.00	15.45 -0.10 0.00
SYRACUSE___POWER 24017	14.34 -0.23 0.00	6.06 -0.06 -0.87	8.02 -0.11 -0.45	4.11 -0.04 -0.68	3.08 -0.02 -1.30	13.19 -0.14 -0.02	18.21 -0.19 -0.04	23.75 -0.23 0.00	22.88 -0.25 -0.17	25.69 -0.24 0.00	23.98 -0.26 -0.28	25.20 -0.30 0.00	20.19 -0.25 -0.30	27.75 -0.36 0.00	23.41 -0.32 0.00	27.14 -0.34 0.00	29.46 -0.30 0.00	34.44 -0.34 0.00	46.64 -0.45 0.00	38.21 -0.33 0.00	48.79 -0.37 0.00	62.76 -0.37 0.00	22.81 -0.20 0.00	15.47 -0.09 0.00
TALLMAN__138KV_BK151 55660	15.50 0.92 0.00	12.07 0.38 -6.44	11.57 0.56 -3.34	8.76 0.27 -5.02	11.52 0.14 -9.58	14.46 1.03 -0.12	20.06 1.41 -0.29	25.74 1.76 0.00	26.00 1.76 -1.29	27.91 1.98 0.00	27.94 1.90 -2.08	27.49 1.99 0.00	23.97 1.61 -2.21	30.37 2.26 0.00	25.64 1.91 0.00	29.61 2.13 0.00	31.99 2.23 0.00	37.41 2.62 0.00	50.49 3.40 0.00	41.29 2.75 0.00	52.55 3.39 0.00	67.08 3.95 0.00	24.45 1.44 0.00	16.68 1.13 0.00
TEALLAVE_115KV_TB7 355573	14.26 -0.32 0.00	5.88 -0.09 -0.72	7.90 -0.15 -0.37	3.97 -0.06 -0.56	2.85 -0.03 -1.08	13.11 -0.22 -0.01	18.09 -0.30 -0.03	23.60 -0.38 0.00	22.71 -0.39 -0.14	25.54 -0.39 0.00	23.78 -0.41 -0.23	25.05 -0.46 0.00	20.01 -0.39 -0.25	27.55 -0.55 0.00	23.24 -0.48 0.00	26.96 -0.52 0.00	29.25 -0.51 0.00	34.18 -0.60 0.00	46.28 -0.81 0.00	37.93 -0.61 0.00	48.44 -0.72 0.00	62.35 -0.78 0.00	22.66 -0.35 0.00	15.37 -0.19 0.00
TELGRAPH_34_KV_EAST 80808	13.52 -1.06 0.00	5.92 -0.37 -1.03	7.66 -0.55 -0.54	4.05 -0.23 -0.81	3.23 -0.12 -1.54	12.46 -0.87 -0.02	17.05 -1.35 -0.05	22.14 -1.84 0.00	21.34 -1.82 -0.21	24.04 -1.89 0.00	22.01 -2.28 -0.33	23.00 -2.50 0.00	18.56 -1.94 -0.35	25.89 -2.22 0.00	21.83 -1.89 0.00	25.54 -1.95 0.00	27.72 -2.05 0.00	32.22 -2.57 0.00	43.87 -3.22 0.00	35.99 -2.55 0.00	46.21 -2.95 0.00	59.15 -3.99 0.00	21.52 -1.50 0.00	14.77 -0.78 0.00
TEMPLE___115KV_TB 2 55572	14.27 -0.31 0.00	5.90 -0.09 -0.73	7.91 -0.14 -0.38	3.98 -0.06 -0.57	2.87 -0.03 -1.09	13.12 -0.21 -0.01	18.10 -0.29 -0.03	23.61 -0.37 0.00	22.73 -0.37 -0.15	25.56 -0.37 0.00	23.80 -0.39 -0.24	25.06 -0.44 0.00	20.03 -0.37 -0.25	27.58 -0.53 0.00	23.26 -0.46 0.00	26.98 -0.50 0.00	29.27 -0.49 0.00	34.21 -0.57 0.00	46.32 -0.77 0.00	37.95 -0.59 0.00	48.46 -0.70 0.00	62.37 -0.76 0.00	22.67 -0.33 0.00	15.38 -0.17 0.00
TIANA____69_KV_BK 1 55817	15.78 1.21 0.00	12.48 0.53 -6.69	11.92 0.78 -3.47	9.06 0.37 -5.22	11.96 0.18 -9.96	14.91 1.47 -0.13	20.81 2.16 -0.30	26.60 2.61 0.00	26.62 2.33 -1.34	28.55 2.62 0.00	28.56 2.44 -2.17	27.99 2.48 0.00	24.52 2.08 -2.30	31.04 2.93 0.00	26.19 2.47 0.00	30.14 2.65 0.00	32.54 2.78 0.00	38.10 3.31 0.00	51.88 4.79 0.00	42.64 4.10 0.00	54.15 4.99 0.00	68.37 5.24 0.00	25.17 2.16 0.00	17.18 1.62 0.00
TILDEN___115KV_TB1 80814	14.34 -0.23 0.00	6.06 -0.06 -0.87	8.02 -0.11 -0.45	4.11 -0.04 -0.68	3.08 -0.02 -1.30	13.19 -0.14 -0.02	18.21 -0.19 -0.04	23.75 -0.23 0.00	22.88 -0.25 -0.17	25.69 -0.24 0.00	23.98 -0.26 -0.28	25.20 -0.30 0.00	20.19 -0.25 -0.30	27.75 -0.36 0.00	23.41 -0.32 0.00	27.14 -0.34 0.00	29.46 -0.30 0.00	34.44 -0.34 0.00	46.64 -0.45 0.00	38.21 -0.33 0.00	48.79 -0.37 0.00	62.76 -0.37 0.00	22.81 -0.20 0.00	15.47 -0.09 0.00
TRIGEN___CC 323695	15.67 1.09 0.00	12.41 0.45 -6.69	11.81 0.66 -3.47	9.00 0.31 -5.22	11.93 0.16 -9.96	14.64 1.20 -0.13	20.35 1.69 -0.30	26.07 2.09 0.00	26.32 2.02 -1.34	28.25 2.32 0.00	28.37 2.25 -2.17	27.88 2.37 0.00	24.41 1.97 -2.30	30.85 2.74 0.00	26.07 2.34 0.00	30.08 2.59 0.00	32.46 2.70 0.00	37.82 3.04 0.00	51.16 4.07 0.00	41.99 3.45 0.00	53.37 4.21 0.00	67.75 4.63 0.00	24.81 1.80 0.00	16.95 1.39 0.00
TRINITY__115KV__ 4 BK 55933	15.07 0.50 0.00	13.73 0.23 -8.24	12.29 0.34 -4.27	10.05 0.16 -6.43	14.15 0.08 -12.26	14.04 0.57 -0.16	19.43 0.71 -0.37	24.79 0.80 0.00	25.44 0.83 -1.65	26.80 0.87 0.00	27.50 0.87 -2.67	26.45 0.94 0.00	23.75 0.77 -2.83	29.20 1.09 0.00	24.64 0.91 0.00	28.48 0.99 0.00	30.75 0.99 0.00	35.97 1.19 0.00	48.63 1.54 0.00	39.74 1.21 0.00	50.67 1.51 0.00	64.91 1.78 0.00	23.65 0.64 0.00	16.09 0.53 0.00
UNION___PROCESSING_DRP 323587	13.81 -0.76 0.00	5.94 -0.26 -0.94	7.77 -0.39 -0.48	4.03 -0.16 -0.73	3.12 -0.09 -1.39	12.73 -0.61 -0.02	17.50 -0.90 -0.04	22.79 -1.20 0.00	21.98 -1.16 -0.19	24.72 -1.22 0.00	22.83 -1.43 -0.30	23.95 -1.56 0.00	19.23 -1.24 -0.32	26.67 -1.44 0.00	22.48 -1.25 0.00	26.22 -1.27 0.00	28.44 -1.32 0.00	33.14 -1.65 0.00	45.06 -2.03 0.00	36.95 -1.59 0.00	47.31 -1.85 0.00	60.72 -2.41 0.00	22.07 -0.94 0.00	15.05 -0.51 0.00
UPPER HUDSON___HYD 24058	15.22 0.65 0.00	14.07 0.27 -8.54	12.49 0.39 -4.42	10.31 0.17 -6.66	14.61 0.09 -12.71	14.21 0.73 -0.16	19.85 1.10 -0.38	25.39 1.41 0.00	26.01 1.35 -1.71	27.38 1.46 0.00	28.14 1.41 -2.77	27.06 1.56 0.00	24.36 1.28 -2.93	30.05 1.94 0.00	25.32 1.59 0.00	29.31 1.83 0.00	31.57 1.81 0.00	36.94 2.16 0.00	50.05 2.95 0.00	40.97 2.42 0.00	51.86 2.70 0.00	66.29 3.16 0.00	24.07 1.07 0.00	16.28 0.72 0.00
UPPER RAQUET___HYD 24056	14.24 -0.34 0.00	5.07 -0.19 0.00	7.41 -0.27 0.00	-8.36 -0.14 11.69	-4.69 -0.07 6.43	12.64 -0.67 0.00	17.58 -0.78 0.00	23.92 -0.91 -0.85	26.52 -0.93 -4.50	31.61 -1.06 -6.74	-1.59 -0.92 24.64	6.45 -0.68 18.38	-3.57 -0.56 23.15	34.80 -0.79 -7.47	30.19 -0.64 -7.10	34.03 -0.94 -7.48	36.81 -0.88 -7.92	42.73 -0.89 -8.84	56.66 -1.14 -10.71	46.69 -0.91 -9.06	58.63 -1.13 -10.61	73.48 -1.20 -11.54	29.73 -0.16 -6.88	20.86 -0.45 -5.76
VALLEY44_115KV_TB2 355964	14.26 -0.31 0.00	6.44 -0.09 -1.27	8.18 -0.15 -0.66	4.43 -0.04 -0.99	3.68 -0.03 -1.89	13.09 -0.25 -0.02	17.81 -0.60 -0.06	23.09 -0.89 0.00	22.29 -0.92 -0.26	25.03 -0.90 0.00	23.31 -1.06 -0.41	24.57 -0.93 0.00	19.81 -0.77 -0.44	27.61 -0.50 0.00	23.11 -0.61 0.00	27.03 -0.46 0.00	29.16 -0.60 0.00	33.67 -1.11 0.00	45.50 -1.59 0.00	37.49 -1.06 0.00	48.18 -0.98 0.00	62.00 -1.13 0.00	22.58 -0.43 0.00	15.51 -0.04 0.00
VALLEY___115KV_TB 1-4 80826	14.79 0.21 0.00	5.38 0.13 0.00	7.84 0.17 0.00	4.27 0.07 -0.74	2.25 0.03 -0.40	13.55 0.23 0.00	18.66 0.31 0.00	24.33 0.35 0.00	23.26 0.31 0.00	26.27 0.34 0.00	26.03 0.41 -1.66	27.33 0.49 -1.34	22.01 0.31 -1.55	28.64 0.53 0.00	24.12 0.40 0.00	27.94 0.46 0.00	30.18 0.42 0.00	35.07 0.29 0.00	47.16 0.07 0.00	38.70 0.15 0.00	49.44 0.28 0.00	63.36 0.23 0.00	23.09 0.08 0.00	15.73 0.17 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.00 0.42 0.00	8.45 0.18 -3.01	9.49 0.26 -1.56	5.93 0.12 -2.35	6.35 0.07 -4.47	13.84 0.46 -0.06	19.14 0.65 -0.13	24.81 0.83 0.00	24.36 0.80 -0.60	26.88 0.95 0.00	25.98 1.05 -0.97	26.62 1.11 0.00	22.07 0.89 -1.03	29.40 1.29 0.00	24.80 1.07 0.00	28.69 1.21 0.00	31.04 1.28 0.00	36.28 1.50 0.00	49.08 1.98 0.00	40.23 1.69 0.00	51.34 2.18 0.00	65.81 2.68 0.00	23.99 0.98 0.00	16.30 0.74 0.00
VISCHER___FERRY HYD 24020	15.24 0.66 0.00	13.89 0.28 -8.36	12.41 0.40 -4.33	10.17 0.19 -6.52	14.34 0.10 -12.44	14.17 0.70 -0.16	19.67 0.93 -0.37	25.11 1.12 0.00	25.74 1.11 -1.68	27.12 1.19 0.00	27.84 1.17 -2.71	26.76 1.26 0.00	24.04 1.03 -2.87	29.56 1.45 0.00	24.93 1.20 0.00	28.82 1.34 0.00	31.05 1.29 0.00	36.33 1.54 0.00	49.12 2.03 0.00	40.17 1.63 0.00	51.19 2.04 0.00	65.61 2.48 0.00	23.88 0.87 0.00	16.22 0.67 0.00
V_A_10_SYNC_DSASP 323832	13.43 -1.14 0.00	5.86 -0.39 -0.99	7.60 -0.59 -0.51	4.00 -0.25 -0.78	3.16 -0.13 -1.48	12.37 -0.96 -0.02	16.92 -1.48 -0.05	21.96 -2.02 0.00	21.18 -1.98 -0.20	23.84 -2.09 0.00	21.96 -2.32 -0.32	23.02 -2.49 0.00	18.56 -1.92 -0.34	25.78 -2.33 0.00	21.69 -2.04 0.00	25.35 -2.13 0.00	27.47 -2.30 0.00	31.90 -2.89 0.00	43.40 -3.69 0.00	35.61 -2.93 0.00	45.69 -3.47 0.00	58.60 -4.53 0.00	21.35 -1.66 0.00	14.64 -0.91 0.00
V_CMM_10_SYNC_DSASP 323787	14.39 -0.18 0.00	5.14 -0.12 0.00	7.50 -0.18 0.00	-11.32 -0.09 14.70	-6.32 -0.05 8.08	12.97 -0.35 0.00	17.93 -0.42 0.00	23.51 -0.48 0.00	22.46 -0.49 0.00	25.39 -0.54 0.00	-9.70 -0.54 33.11	-1.79 -0.53 26.77	-11.32 -0.43 31.04	27.52 -0.59 0.00	23.25 -0.48 0.00	26.97 -0.52 0.00	29.26 -0.50 0.00	34.20 -0.59 0.00	46.38 -0.72 0.00	37.93 -0.61 0.00	48.40 -0.76 0.00	62.24 -0.89 0.00	22.78 -0.23 0.00	15.23 -0.32 0.00
V_CMP_10_SYNC_DSASP 323788	14.45 -0.12 0.00	5.20 -0.06 0.00	7.57 -0.10 0.00	-11.18 -0.12 14.53	-6.24 -0.06 7.99	12.63 -0.68 0.00	17.65 -0.70 0.00	17.58 -0.89 5.51	-7.28 -1.09 29.14	-18.89 -1.19 43.64	-20.91 -1.07 43.79	-20.92 -1.03 45.39	-21.36 -0.84 40.68	-21.53 -1.20 48.44	-23.29 -1.01 46.00	-22.22 -1.20 48.50	-22.86 -1.28 51.34	-23.92 -1.43 57.27	-23.90 -1.87 69.13	-21.55 -1.49 58.60	-21.38 -1.94 68.60	-13.75 -2.23 74.64	-22.19 -0.71 44.48	-22.36 -0.65 37.26
V_D_10_SYNC_DSASP 323841	14.46 -0.12 0.00	5.16 -0.10 0.00	7.53 -0.14 0.00	-10.83 -0.08 14.22	-6.05 -0.04 7.82	13.00 -0.31 0.00	18.04 -0.32 0.00	23.79 -0.33 -0.15	23.36 -0.36 -0.77	26.69 -0.40 -1.16	-8.18 -0.40 31.74	-0.23 -0.34 25.39	-9.89 -0.28 29.76	29.01 -0.38 -1.29	24.64 -0.31 -1.22	28.44 -0.34 -1.29	30.83 -0.33 -1.37	35.98 -0.33 -1.53	48.52 -0.43 -1.86	39.79 -0.32 -1.57	50.62 -0.38 -1.84	64.71 -0.42 -2.00	24.17 -0.03 -1.19	16.30 -0.25 -1.00
V_E_10_SYNC_DSASP 323830	15.08 0.50 0.00	7.72 0.23 -2.23	9.07 0.24 -1.16	5.33 0.12 -1.74	5.21 0.08 -3.33	13.84 0.48 -0.04	19.24 0.79 -0.10	25.07 1.09 0.00	24.18 0.78 -0.45	26.94 1.01 0.00	25.71 1.03 -0.72	26.57 1.06 0.00	21.71 0.80 -0.77	29.34 1.23 0.00	24.73 1.00 0.00	28.56 1.08 0.00	31.10 1.34 0.00	36.55 1.77 0.00	49.41 2.31 0.00	40.86 2.31 0.00	53.19 4.03 0.00	67.86 4.74 0.00	24.33 1.32 0.00	16.52 0.97 0.00
V_F_30_NSYNC___DSASP 323816	15.31 0.74 0.00	14.07 0.30 -8.52	12.52 0.44 -4.41	10.31 0.20 -6.64	14.58 0.11 -12.67	14.27 0.79 -0.16	19.86 1.12 -0.38	25.37 1.39 0.00	26.01 1.35 -1.71	27.39 1.46 0.00	28.12 1.41 -2.76	27.04 1.53 0.00	24.31 1.24 -2.92	29.90 1.79 0.00	25.21 1.49 0.00	29.19 1.70 0.00	31.49 1.73 0.00	36.82 2.04 0.00	49.83 2.74 0.00	40.76 2.22 0.00	51.84 2.68 0.00	66.39 3.25 0.00	24.12 1.12 0.00	16.35 0.80 0.00
V_F_30_SYNC_DSASP 323786	15.12 0.55 0.00	13.77 0.25 -8.26	12.32 0.37 -4.28	10.08 0.17 -6.44	14.18 0.09 -12.28	14.09 0.61 -0.16	19.51 0.78 -0.37	24.89 0.91 0.00	25.54 0.93 -1.66	26.93 0.99 0.00	27.62 0.99 -2.67	26.58 1.08 0.00	23.85 0.87 -2.83	29.34 1.23 0.00	24.76 1.03 0.00	28.62 1.13 0.00	30.91 1.15 0.00	36.16 1.38 0.00	48.87 1.78 0.00	39.95 1.41 0.00	50.89 1.73 0.00	65.16 2.03 0.00	23.74 0.73 0.00	16.15 0.59 0.00
V_XM_10_SYNC_DSASP 323789	14.45 -0.12 0.00	5.20 -0.06 0.00	7.57 -0.10 0.00	-11.18 -0.12 14.53	-6.24 -0.06 7.99	12.63 -0.68 0.00	17.65 -0.70 0.00	17.58 -0.89 5.51	-7.28 -1.09 29.14	-18.89 -1.19 43.64	-20.91 -1.07 43.79	-20.92 -1.03 45.39	-21.36 -0.84 40.68	-21.53 -1.20 48.44	-23.29 -1.01 46.00	-22.22 -1.20 48.50	-22.86 -1.28 51.34	-23.92 -1.43 57.27	-23.90 -1.87 69.13	-21.55 -1.49 58.60	-21.38 -1.94 68.60	-13.75 -2.23 74.64	-22.19 -0.71 44.48	-22.36 -0.65 37.26
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	15.54 0.96 0.00	12.12 0.39 -6.47	11.61 0.58 -3.35	8.79 0.27 -5.05	11.58 0.14 -9.63	14.50 1.06 -0.12	20.11 1.47 -0.29	25.81 1.83 0.00	26.08 1.83 -1.30	28.00 2.07 0.00	28.03 1.98 -2.10	27.58 2.08 0.00	24.05 1.68 -2.22	30.46 2.35 0.00	25.72 1.99 0.00	29.70 2.22 0.00	32.09 2.33 0.00	37.52 2.74 0.00	50.66 3.57 0.00	41.43 2.89 0.00	52.73 3.56 0.00	67.28 4.15 0.00	24.52 1.51 0.00	16.73 1.17 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	15.60 1.03 0.00	12.37 0.42 -6.70	11.76 0.62 -3.47	8.99 0.29 -5.23	11.92 0.15 -9.97	14.57 1.12 -0.13	20.16 1.50 -0.30	25.84 1.86 0.00	26.20 1.90 -1.34	28.08 2.15 0.00	28.19 2.06 -2.17	27.69 2.18 0.00	24.22 1.78 -2.30	30.60 2.49 0.00	25.83 2.10 0.00	29.80 2.31 0.00	32.14 2.38 0.00	37.54 2.76 0.00	50.69 3.60 0.00	41.51 2.97 0.00	52.74 3.58 0.00	67.23 4.10 0.00	24.54 1.53 0.00	16.79 1.24 0.00
W50THST__13_KV_LOAD 356117	15.70 1.12 0.00	12.41 0.46 -6.70	11.81 0.67 -3.47	9.01 0.32 -5.23	11.94 0.16 -9.97	14.67 1.22 -0.13	20.28 1.63 -0.30	26.02 2.04 0.00	26.38 2.09 -1.34	28.32 2.39 0.00	28.43 2.30 -2.17	27.94 2.44 0.00	24.42 1.98 -2.30	30.89 2.78 0.00	26.07 2.34 0.00	30.07 2.58 0.00	32.43 2.67 0.00	37.87 3.08 0.00	51.10 4.01 0.00	41.84 3.29 0.00	53.17 4.01 0.00	67.74 4.61 0.00	24.70 1.70 0.00	16.92 1.36 0.00
WADING RIVER_IC_1 23522	15.71 1.14 0.00	12.45 0.50 -6.69	11.88 0.74 -3.47	9.04 0.34 -5.22	11.94 0.17 -9.96	14.81 1.37 -0.13	20.66 2.00 -0.30	26.39 2.40 0.00	26.40 2.10 -1.34	28.29 2.36 0.00	28.31 2.18 -2.17	27.74 2.23 0.00	24.32 1.88 -2.30	30.75 2.64 0.00	25.95 2.23 0.00	29.91 2.43 0.00	32.34 2.57 0.00	37.76 2.98 0.00	51.38 4.29 0.00	42.24 3.70 0.00	53.64 4.47 0.00	67.75 4.62 0.00	24.96 1.94 0.00	17.04 1.48 0.00
WADING RIVER_IC_2 23547	15.71 1.14 0.00	12.45 0.50 -6.69	11.88 0.74 -3.47	9.04 0.34 -5.22	11.94 0.17 -9.96	14.81 1.37 -0.13	20.66 2.00 -0.30	26.39 2.40 0.00	26.40 2.10 -1.34	28.29 2.36 0.00	28.31 2.18 -2.17	27.74 2.23 0.00	24.32 1.88 -2.30	30.75 2.64 0.00	25.95 2.23 0.00	29.91 2.43 0.00	32.34 2.57 0.00	37.76 2.98 0.00	51.38 4.29 0.00	42.24 3.70 0.00	53.64 4.47 0.00	67.75 4.62 0.00	24.96 1.94 0.00	17.04 1.48 0.00

WADING RIVER_IC_3 23601	15.71 1.14 0.00	12.45 0.50 -6.69	11.88 0.74 -3.47	9.04 0.34 -5.22	11.94 0.17 -9.96	14.81 1.37 -0.13	20.66 2.00 -0.30	26.39 2.40 0.00	26.40 2.10 -1.34	28.29 2.36 0.00	28.31 2.18 -2.17	27.74 2.23 0.00	24.32 1.88 -2.30	30.75 2.64 0.00	25.95 2.23 0.00	29.91 2.43 0.00	32.34 2.57 0.00	37.76 2.98 0.00	51.38 4.29 0.00	42.24 3.70 0.00	53.64 4.47 0.00	67.75 4.62 0.00	24.96 1.94 0.00	17.04 1.48 0.00
WALDENNY_I2_KV_BK2 80841	13.56 -1.02 0.00	6.03 -0.35 -1.12	7.71 -0.54 -0.58	4.12 -0.22 -0.88	3.36 -0.12 -1.67	12.48 -0.86 -0.02	17.06 -1.34 -0.05	22.14 -1.84 0.00	21.34 -1.83 -0.23	24.05 -1.89 0.00	22.12 -2.21 -0.36	23.14 -2.36 0.00	18.72 -1.81 -0.38	26.02 -2.09 0.00	21.88 -1.84 0.00	25.62 -1.87 0.00	27.79 -1.98 0.00	32.27 -2.52 0.00	43.92 -3.17 0.00	36.09 -2.45 0.00	46.36 -2.80 0.00	59.28 -3.85 0.00	21.57 -1.44 0.00	14.80 -0.75 0.00
WALDEN___HYDRO 24148	15.50 0.92 0.00	12.18 0.37 -6.55	11.63 0.56 -3.39	8.84 0.26 -5.11	11.69 0.13 -9.75	14.45 1.01 -0.12	20.06 1.41 -0.29	25.74 1.76 0.00	26.04 1.77 -1.31	27.92 1.99 0.00	27.99 1.91 -2.12	27.52 2.01 0.00	24.01 1.61 -2.25	30.37 2.26 0.00	25.64 1.91 0.00	29.62 2.13 0.00	32.00 2.24 0.00	37.45 2.67 0.00	50.60 3.51 0.00	41.38 2.84 0.00	52.66 3.50 0.00	67.22 4.10 0.00	24.48 1.47 0.00	16.69 1.14 0.00
WARRENSBURG____ 23737	15.22 0.65 0.00	14.07 0.27 -8.54	12.49 0.39 -4.42	10.31 0.17 -6.66	14.61 0.09 -12.71	14.21 0.73 -0.16	19.85 1.10 -0.38	25.39 1.41 0.00	26.01 1.35 -1.71	27.38 1.46 0.00	28.14 1.41 -2.77	27.06 1.56 0.00	24.36 1.28 -2.93	30.05 1.94 0.00	25.32 1.59 0.00	29.31 1.83 0.00	31.57 1.81 0.00	36.94 2.16 0.00	50.05 2.95 0.00	40.97 2.42 0.00	51.86 2.70 0.00	66.29 3.16 0.00	24.07 1.07 0.00	16.28 0.72 0.00
WATERSIDE___6 8 9 23538	15.65 1.07 0.00	12.40 0.44 -6.70	11.79 0.64 -3.47	9.00 0.30 -5.23	11.93 0.15 -9.97	14.60 1.16 -0.13	20.20 1.54 -0.30	25.90 1.92 0.00	26.25 1.95 -1.34	28.14 2.21 0.00	28.25 2.13 -2.17	27.76 2.25 0.00	24.26 1.82 -2.30	30.65 2.55 0.00	25.87 2.15 0.00	29.81 2.32 0.00	32.17 2.41 0.00	37.59 2.80 0.00	50.78 3.68 0.00	41.62 3.08 0.00	52.84 3.68 0.00	67.32 4.19 0.00	24.57 1.56 0.00	16.85 1.30 0.00
WATKINRD_115KV_LN8_ILION 55919	14.78 0.21 0.00	5.37 0.11 0.00	7.83 0.15 0.00	4.27 0.07 -0.74	2.25 0.04 -0.40	13.57 0.26 0.00	18.71 0.35 0.00	24.40 0.42 0.00	23.36 0.41 0.00	26.35 0.43 0.00	26.06 0.44 -1.66	27.35 0.51 -1.34	22.08 0.37 -1.55	28.68 0.57 0.00	24.18 0.46 0.00	27.99 0.50 0.00	30.22 0.46 0.00	35.27 0.49 0.00	47.63 0.53 0.00	39.08 0.53 0.00	49.87 0.71 0.00	63.90 0.77 0.00	23.26 0.25 0.00	15.80 0.24 0.00
WATSON___69_KV_BK 1 55734	15.88 1.31 0.00	12.50 0.55 -6.69	11.94 0.80 -3.47	9.06 0.37 -5.22	11.96 0.18 -9.96	14.88 1.44 -0.13	20.75 2.09 -0.30	26.58 2.60 0.00	26.71 2.42 -1.34	28.72 2.79 0.00	28.77 2.64 -2.17	28.25 2.75 0.00	24.73 2.29 -2.30	31.31 3.20 0.00	26.43 2.71 0.00	30.51 3.03 0.00	32.97 3.20 0.00	38.43 3.65 0.00	52.11 5.02 0.00	42.81 4.26 0.00	54.37 5.21 0.00	68.79 5.66 0.00	25.28 2.27 0.00	17.25 1.69 0.00
WDELAWARE___HYD 323627	15.27 0.69 0.00	11.62 0.29 -6.07	11.25 0.43 -3.15	8.40 0.20 -4.74	10.95 0.10 -9.04	14.23 0.79 -0.12	19.77 1.14 -0.27	25.43 1.45 0.00	25.63 1.46 -1.22	27.60 1.67 0.00	27.55 1.62 -1.97	27.08 1.58 0.00	23.03 0.80 -2.08	29.22 1.11 0.00	24.65 0.93 0.00	28.47 0.98 0.00	30.76 1.00 0.00	36.00 1.22 0.00	48.66 1.57 0.00	39.93 1.39 0.00	51.98 2.82 0.00	66.32 3.19 0.00	24.14 1.14 0.00	16.46 0.91 0.00
WEST BABYLON___IC 23714	15.84 1.27 0.00	12.48 0.53 -6.69	11.92 0.77 -3.47	9.05 0.36 -5.22	11.95 0.18 -9.96	14.83 1.39 -0.13	20.67 2.01 -0.30	26.49 2.51 0.00	26.66 2.37 -1.34	28.65 2.72 0.00	28.73 2.60 -2.17	28.21 2.71 0.00	24.69 2.25 -2.30	31.25 3.14 0.00	26.39 2.67 0.00	30.47 2.99 0.00	32.91 3.15 0.00	38.35 3.57 0.00	51.97 4.87 0.00	42.67 4.13 0.00	54.22 5.06 0.00	68.67 5.54 0.00	25.21 2.20 0.00	17.20 1.65 0.00
WEST CANADA___HYD 24049	14.70 0.12 0.00	5.32 0.06 0.00	7.76 0.09 0.00	4.24 0.04 -0.74	2.24 0.02 -0.40	13.47 0.16 0.00	18.56 0.20 0.00	24.22 0.24 0.00	23.18 0.22 0.00	26.16 0.23 0.00	25.86 0.24 -1.66	27.10 0.25 -1.34	21.90 0.20 -1.55	28.42 0.31 0.00	23.99 0.26 0.00	27.76 0.28 0.00	30.05 0.29 0.00	35.11 0.33 0.00	47.51 0.42 0.00	38.96 0.41 0.00	49.70 0.54 0.00	63.77 0.64 0.00	23.23 0.22 0.00	15.73 0.17 0.00
WESTERN_NY_WIND 24143	13.74 -0.84 0.00	5.99 -0.29 -1.02	7.76 -0.44 -0.53	4.09 -0.18 -0.80	3.24 -0.09 -1.52	12.67 -0.66 -0.02	17.39 -1.01 -0.05	22.61 -1.38 0.00	21.80 -1.36 -0.20	24.57 -1.36 0.00	22.45 -1.84 -0.33	23.45 -2.06 0.00	18.86 -1.63 -0.35	26.41 -1.70 0.00	22.32 -1.41 0.00	26.10 -1.39 0.00	28.34 -1.43 0.00	32.98 -1.81 0.00	44.90 -2.19 0.00	36.85 -1.69 0.00	47.28 -1.88 0.00	60.51 -2.62 0.00	21.98 -1.03 0.00	15.07 -0.49 0.00
WESTOVER___LESR 323668	14.52 -0.06 0.00	7.58 0.02 -2.30	8.86 -0.01 -1.19	5.27 0.01 -1.80	5.24 0.00 -3.43	13.39 0.03 -0.04	18.48 0.02 -0.10	24.01 0.03 0.00	23.38 -0.04 -0.46	25.96 0.03 0.00	24.72 0.02 -0.75	25.53 0.02 0.00	21.00 0.06 -0.79	28.24 0.13 0.00	23.79 0.06 0.00	27.58 0.10 0.00	29.87 0.11 0.00	34.84 0.06 0.00	47.07 -0.02 0.00	38.70 0.15 0.00	49.48 0.32 0.00	63.37 0.24 0.00	23.02 0.01 0.00	15.64 0.09 0.00
WETHRSFD_WT_PWR 323626	13.15 -1.43 0.00	5.85 -0.51 -1.10	7.51 -0.73 -0.57	4.02 -0.30 -0.86	3.29 -0.17 -1.64	12.10 -1.24 -0.02	16.55 -1.86 -0.05	21.47 -2.51 0.00	20.66 -2.52 -0.22	23.35 -2.58 0.00	21.43 -2.88 -0.36	22.45 -3.06 0.00	18.10 -2.42 -0.38	25.12 -2.98 0.00	21.10 -2.63 0.00	24.74 -2.75 0.00	26.86 -2.90 0.00	31.24 -3.54 0.00	42.55 -4.54 0.00	34.99 -3.56 0.00	44.89 -4.27 0.00	57.44 -5.69 0.00	20.91 -2.10 0.00	14.31 -1.24 0.00
WHAVSTOR_138KV_BK127 55557	15.48 0.91 0.00	12.11 0.37 -6.48	11.59 0.56 -3.36	8.79 0.26 -5.05	11.58 0.14 -9.64	14.45 1.01 -0.12	20.03 1.39 -0.29	25.70 1.72 0.00	25.98 1.73 -1.30	27.87 1.95 0.00	27.92 1.87 -2.10	27.47 1.97 0.00	23.96 1.59 -2.22	30.33 2.22 0.00	25.61 1.89 0.00	29.58 2.09 0.00	31.95 2.19 0.00	37.36 2.58 0.00	50.43 3.34 0.00	41.25 2.71 0.00	52.49 3.33 0.00	67.00 3.86 0.00	24.42 1.41 0.00	16.66 1.11 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	15.48 0.91 0.00	12.11 0.37 -6.48	11.59 0.56 -3.36	8.79 0.26 -5.05	11.58 0.14 -9.64	14.45 1.01 -0.12	20.03 1.39 -0.29	25.70 1.72 0.00	25.98 1.73 -1.30	27.87 1.95 0.00	27.92 1.87 -2.10	27.47 1.97 0.00	23.96 1.59 -2.22	30.33 2.22 0.00	25.61 1.89 0.00	29.58 2.09 0.00	31.95 2.19 0.00	37.36 2.58 0.00	50.43 3.34 0.00	41.25 2.71 0.00	52.49 3.33 0.00	67.00 3.86 0.00	24.42 1.41 0.00	16.66 1.11 0.00

WHITEHAL_115KV_TB1 80871	15.35 0.78 0.00	14.14 0.35 -8.53	12.57 0.48 -4.42	10.32 0.20 -6.65	14.61 0.11 -12.69	14.37 0.89 -0.16	20.20 1.46 -0.38	25.90 1.92 0.00	26.36 1.70 -1.71	27.75 1.83 0.00	28.56 1.84 -2.76	27.44 1.93 0.00	24.77 1.70 -2.92	30.53 2.42 0.00	25.64 1.92 0.00	29.64 2.16 0.00	32.13 2.37 0.00	37.59 2.81 0.00	51.22 4.13 0.00	42.12 3.58 0.00	52.68 3.52 0.00	67.49 4.36 0.00	24.52 1.51 0.00	16.50 0.95 0.00
WHITEPLN_13_KV_LOAD 356215	15.69 1.11 0.00	12.37 0.44 -6.68	11.78 0.65 -3.46	8.98 0.30 -5.21	11.90 0.16 -9.93	14.62 1.18 -0.13	20.31 1.66 -0.30	26.07 2.09 0.00	26.39 2.10 -1.34	28.32 2.39 0.00	28.41 2.29 -2.16	27.92 2.41 0.00	24.39 1.96 -2.29	30.84 2.73 0.00	26.03 2.31 0.00	30.06 2.58 0.00	32.47 2.70 0.00	37.93 3.15 0.00	51.25 4.16 0.00	41.91 3.37 0.00	53.29 4.12 0.00	67.91 4.78 0.00	24.74 1.73 0.00	16.89 1.34 0.00
WM_FLOYD_69_KV_BK2 356380	15.77 1.19 0.00	12.47 0.52 -6.69	11.90 0.76 -3.47	9.04 0.35 -5.22	11.95 0.18 -9.96	14.84 1.39 -0.13	20.69 2.04 -0.30	26.44 2.46 0.00	26.51 2.22 -1.34	28.44 2.51 0.00	28.47 2.34 -2.17	27.90 2.39 0.00	24.46 2.02 -2.30	30.93 2.82 0.00	26.11 2.39 0.00	30.10 2.61 0.00	32.52 2.75 0.00	37.98 3.19 0.00	51.62 4.53 0.00	42.43 3.89 0.00	53.88 4.72 0.00	68.11 4.98 0.00	25.07 2.06 0.00	17.12 1.56 0.00
WOODARD__115KV_TB2 355635	14.23 -0.35 0.00	5.89 -0.11 -0.74	7.90 -0.16 -0.38	3.97 -0.07 -0.57	2.87 -0.03 -1.09	13.08 -0.25 -0.01	18.05 -0.34 -0.03	23.54 -0.44 0.00	22.66 -0.44 -0.15	25.47 -0.46 0.00	23.73 -0.47 -0.24	24.99 -0.52 0.00	19.97 -0.43 -0.25	27.47 -0.64 0.00	23.18 -0.55 0.00	26.89 -0.59 0.00	29.17 -0.60 0.00	34.11 -0.68 0.00	46.18 -0.91 0.00	37.83 -0.72 0.00	48.31 -0.85 0.00	62.19 -0.94 0.00	22.61 -0.39 0.00	15.33 -0.23 0.00
YORK__WARBASSE 23770	15.71 1.13 0.00	12.41 0.46 -6.70	11.82 0.67 -3.47	9.01 0.31 -5.23	11.94 0.16 -9.97	14.65 1.21 -0.13	20.29 1.64 -0.30	26.01 2.03 0.00	26.36 2.06 -1.34	28.25 2.32 0.00	28.36 2.23 -2.17	27.87 2.37 0.00	24.34 1.90 -2.30	30.79 2.68 0.00	25.98 2.25 0.00	29.90 2.41 0.00	32.25 2.49 0.00	37.74 2.96 0.00	51.01 3.92 0.00	41.83 3.28 0.00	53.17 4.01 0.00	67.72 4.59 0.00	24.73 1.72 0.00	16.95 1.39 0.00