

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/19/2024

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	21.68	22.42	21.71	21.83	23.56	31.53	62.39	32.39	26.02	23.41	26.16	30.07	30.19	25.54	24.49	22.77	24.10	36.89	49.78	58.36	162.92	40.38	30.72	32.78
24138	1.64	1.49	1.47	1.48	1.51	2.22	4.51	2.51	2.04	1.79	2.02	2.10	1.86	1.62	1.64	1.62	1.81	2.64	3.47	4.07	10.19	2.65	1.96	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	21.69	22.43	21.72	21.83	23.56	31.53	62.37	32.38	26.00	23.38	26.13	30.04	30.17	25.54	24.47	22.76	24.08	36.87	49.78	58.36	162.93	40.40	30.73	32.79
24260	1.65	1.50	1.48	1.47	1.52	2.22	4.49	2.50	2.03	1.76	2.00	2.07	1.83	1.61	1.63	1.60	1.79	2.62	3.47	4.07	10.21	2.68	1.97	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	21.69	22.43	21.72	21.83	23.56	31.53	62.37	32.38	26.00	23.38	26.13	30.04	30.17	25.54	24.47	22.76	24.08	36.87	49.78	58.36	162.93	40.40	30.73	32.79
24261	1.65	1.50	1.48	1.47	1.52	2.22	4.49	2.50	2.03	1.76	2.00	2.07	1.83	1.61	1.63	1.60	1.79	2.62	3.47	4.07	10.21	2.68	1.97	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	20.98	21.82	21.10	21.23	22.97	30.61	60.54	31.27	24.93	22.27	24.94	28.72	28.85	24.42	23.44	22.01	23.54	36.00	48.71	56.98	159.82	39.40	29.91	32.14
24011	0.95	0.90	0.86	0.87	0.92	1.30	2.65	1.39	0.96	0.65	0.81	0.75	0.52	0.50	0.59	0.85	1.25	1.75	2.39	2.69	7.09	1.68	1.15	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	21.08	21.90	21.17	21.30	23.04	30.71	60.69	31.34	25.01	22.33	25.03	28.82	28.90	24.47	23.52	22.13	23.71	36.14	48.89	57.22	160.27	39.53	30.02	32.32
23798	1.05	0.98	0.93	0.95	0.99	1.40	2.81	1.46	1.03	0.71	0.89	0.86	0.56	0.55	0.68	0.97	1.42	1.89	2.57	2.93	7.55	1.81	1.26	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	20.98	21.82	21.10	21.23	22.97	30.61	60.54	31.27	24.93	22.27	24.94	28.72	28.85	24.42	23.44	22.01	23.54	36.00	48.71	56.98	159.82	39.40	29.91	32.14
24028	0.95	0.90	0.86	0.87	0.92	1.30	2.65	1.39	0.96	0.65	0.81	0.75	0.52	0.50	0.59	0.85	1.25	1.75	2.39	2.69	7.09	1.68	1.15	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	21.41	22.35	21.63	21.76	23.53	31.22	61.47	31.70	25.36	22.65	25.45	29.30	29.44	24.97	23.89	22.39	23.63	36.11	48.83	57.16	161.32	39.76	30.21	32.51
23527	1.37	1.42	1.39	1.41	1.48	1.91	3.59	1.82	1.39	1.04	1.32	1.33	1.10	1.04	1.04	1.23	1.34	1.86	2.52	2.86	8.59	2.04	1.45	1.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	20.57	21.41	20.72	20.84	22.54	29.98	59.18	30.55	24.48	21.95	24.57	28.28	28.49	24.15	23.13	21.58	22.88	34.94	47.23	55.29	155.44	38.35	29.18	31.27
24190	0.54	0.49	0.48	0.48	0.49	0.67	1.29	0.67	0.51	0.33	0.43	0.31	0.16	0.23	0.29	0.42	0.59	0.69	0.91	1.00	2.72	0.63	0.42	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	19.74	20.72	20.01	20.09	21.81	28.86	56.97	29.33	23.56	21.37	23.85	27.84	28.42	23.91	22.74	20.90	21.89	33.71	45.60	53.28	149.75	37.06	28.40	30.52
355683	-0.30	-0.20	-0.23	-0.27	-0.24	-0.45	-0.92	-0.56	-0.41	-0.25	-0.28	-0.13	0.09	-0.01	-0.10	-0.26	-0.40	-0.54	-0.71	-1.01	-2.98	-0.67	-0.36	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	20.99	21.86	21.16	21.28	23.03	30.66	60.55	31.20	24.86	22.15	24.74	28.52	28.78	24.35	23.31	21.79	23.29	35.79	48.41	56.64	159.25	39.28	29.88	32.02
323833	0.96	0.94	0.91	0.93	0.98	1.35	2.67	1.32	0.89	0.53	0.60	0.56	0.45	0.42	0.46	0.63	1.01	1.54	2.10	2.35	6.52	1.56	1.12	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	20.98	21.86	21.15	21.28	23.03	30.65	60.53	31.19	24.86	22.15	24.73	28.52	28.78	24.34	23.30	21.79	23.29	35.78	48.38	56.63	159.20	39.26	29.86	32.01
323834	0.95	0.93	0.91	0.92	0.98	1.34	2.65	1.31	0.89	0.53	0.60	0.55	0.44	0.42	0.46	0.63	1.00	1.53	2.07	2.34	6.47	1.54	1.10	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	20.57	21.41	20.72	20.84	22.54	29.98	59.18	30.55	24.48	21.95	24.57	28.28	28.49	24.15	23.13	21.58	22.88	34.94	47.23	55.29	155.44	38.35	29.18	31.27
23571	0.54	0.49	0.48	0.48	0.49	0.67	1.29	0.67	0.51	0.33	0.43	0.31	0.16	0.23	0.29	0.42	0.59	0.69	0.91	1.00	2.72	0.63	0.42	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	20.57 0.54 0.00	21.41 0.49 0.00	20.72 0.48 0.00	20.84 0.48 0.00	22.54 0.49 0.00	29.98 0.67 0.00	59.18 1.29 0.00	30.55 0.67 0.00	24.48 0.51 0.00	21.95 0.33 0.00	24.57 0.43 0.00	28.28 0.31 0.00	28.49 0.16 0.00	24.15 0.23 0.00	23.13 0.29 0.00	21.58 0.42 0.00	22.88 0.59 0.00	34.94 0.69 0.00	47.23 0.91 0.00	55.29 1.00 0.00	155.44 2.72 0.00	38.35 0.63 0.00	29.18 0.42 0.00	31.27 0.44 0.00
ALBANY___3 23573	20.57 0.54 0.00	21.41 0.49 0.00	20.72 0.48 0.00	20.84 0.48 0.00	22.54 0.49 0.00	29.98 0.67 0.00	59.18 1.29 0.00	30.55 0.67 0.00	24.48 0.51 0.00	21.95 0.33 0.00	24.57 0.43 0.00	28.28 0.31 0.00	28.49 0.16 0.00	24.15 0.23 0.00	23.13 0.29 0.00	21.58 0.42 0.00	22.88 0.59 0.00	34.94 0.69 0.00	47.23 0.91 0.00	55.29 1.00 0.00	155.44 2.72 0.00	38.35 0.63 0.00	29.18 0.42 0.00	31.27 0.44 0.00
ALBANY___4 23574	20.57 0.54 0.00	21.41 0.49 0.00	20.72 0.48 0.00	20.84 0.48 0.00	22.54 0.49 0.00	29.98 0.67 0.00	59.18 1.29 0.00	30.55 0.67 0.00	24.48 0.51 0.00	21.95 0.33 0.00	24.57 0.43 0.00	28.28 0.31 0.00	28.49 0.16 0.00	24.15 0.23 0.00	23.13 0.29 0.00	21.58 0.42 0.00	22.88 0.59 0.00	34.94 0.69 0.00	47.23 0.91 0.00	55.29 1.00 0.00	155.44 2.72 0.00	38.35 0.63 0.00	29.18 0.42 0.00	31.27 0.44 0.00
ALBANY___LFGE 323615	20.76 0.73 0.00	21.61 0.69 0.00	20.91 0.67 0.00	21.04 0.68 0.00	22.76 0.71 0.00	30.28 0.97 0.00	59.80 1.91 0.00	30.88 0.99 0.00	24.73 0.76 0.00	22.17 0.55 0.00	24.82 0.68 0.00	28.57 0.61 0.00	28.79 0.45 0.00	24.40 0.48 0.00	23.37 0.53 0.00	21.81 0.65 0.00	23.13 0.84 0.00	35.33 1.08 0.00	47.77 1.46 0.00	55.92 1.63 0.00	157.13 4.41 0.00	38.78 1.05 0.00	29.50 0.73 0.00	31.60 0.77 0.00
ALCOA_PA_115KV_PL-6C 55860	19.80 -0.23 0.00	20.79 -0.14 0.00	20.08 -0.17 0.00	20.15 -0.21 0.00	21.88 -0.17 0.00	28.94 -0.37 0.00	57.15 -0.73 0.00	29.44 -0.44 0.00	23.65 -0.32 0.00	21.44 -0.17 0.00	23.92 -0.21 0.00	27.91 -0.05 0.00	28.49 0.16 0.00	23.95 0.03 0.00	22.79 -0.06 0.00	20.94 -0.22 0.00	21.95 -0.34 0.00	33.85 -0.40 0.00	45.80 -0.51 0.00	53.49 -0.81 0.00	150.30 -2.42 0.00	37.19 -0.53 0.00	28.52 -0.24 0.00	30.64 -0.18 0.00
ALCOA_RYNLDS___DRP 24188	19.80 -0.23 0.00	20.79 -0.14 0.00	20.08 -0.17 0.00	20.15 -0.21 0.00	21.88 -0.17 0.00	28.94 -0.37 0.00	57.15 -0.73 0.00	29.44 -0.44 0.00	23.65 -0.32 0.00	21.44 -0.17 0.00	23.92 -0.21 0.00	27.91 -0.05 0.00	28.49 0.16 0.00	23.95 0.03 0.00	22.79 -0.06 0.00	20.94 -0.22 0.00	21.95 -0.34 0.00	33.85 -0.40 0.00	45.80 -0.51 0.00	53.49 -0.81 0.00	150.30 -2.42 0.00	37.19 -0.53 0.00	28.52 -0.24 0.00	30.64 -0.18 0.00
ALCOA___DSASP 323711	19.80 -0.23 0.00	20.79 -0.13 0.00	20.08 -0.17 0.00	20.15 -0.21 0.00	21.88 -0.17 0.00	28.94 -0.37 0.00	57.16 -0.73 0.00	29.44 -0.44 0.00	23.65 -0.32 0.00	21.45 -0.17 0.00	23.93 -0.21 0.00	27.91 -0.05 0.00	28.49 0.16 0.00	23.96 0.03 0.00	22.79 -0.05 0.00	20.94 -0.22 0.00	21.95 -0.34 0.00	33.85 -0.40 0.00	45.80 -0.51 0.00	53.48 -0.81 0.00	150.30 -2.42 0.00	37.19 -0.53 0.00	28.52 -0.23 0.00	30.65 -0.18 0.00
ALLEGHENY___COGEN 23514	20.27 0.24 0.00	21.28 0.36 0.00	20.51 0.27 0.00	20.68 0.33 0.00	22.66 0.61 0.00	30.30 0.98 0.00	60.39 2.51 0.00	31.53 1.48 -0.16	25.23 1.05 -0.21	22.24 0.45 -0.18	24.42 0.20 -0.08	28.12 0.12 -0.03	28.23 -0.11 0.00	23.83 -0.11 -0.02	22.79 -0.05 0.00	21.21 0.06 0.00	22.64 0.35 0.00	35.79 1.54 0.00	49.26 2.94 0.00	57.60 3.27 -0.03	162.74 9.34 -0.68	40.05 2.12 -0.21	30.26 1.37 -0.13	32.41 1.40 -0.18
ALTAMONT_115KV_TB 2 55880	20.75 0.72 0.00	21.61 0.69 0.00	20.90 0.66 0.00	21.02 0.67 0.00	22.75 0.70 0.00	30.30 0.99 0.00	59.85 1.97 0.00	30.91 1.03 0.00	24.77 0.80 0.00	22.22 0.60 0.00	24.84 0.70 0.00	28.62 0.65 0.00	28.85 0.51 0.00	24.42 0.49 0.00	23.38 0.53 0.00	21.78 0.62 0.00	23.07 0.78 0.00	35.36 1.11 0.00	47.82 1.51 0.00	56.02 1.73 0.00	157.43 4.70 0.00	38.86 1.14 0.00	29.57 0.81 0.00	31.68 0.85 0.00
ALTONA_WT_PWR 323606	19.92 -0.12 0.00	20.78 -0.14 0.00	19.76 -0.48 0.00	19.79 -0.57 0.00	21.54 -0.51 0.00	28.59 -0.72 0.00	57.11 -0.78 0.00	29.41 -0.47 0.00	23.67 -0.30 0.00	21.57 -0.04 0.00	24.07 -0.07 0.00	27.88 -0.09 0.00	28.46 0.12 0.00	24.00 0.07 0.00	22.87 0.02 0.00	21.11 -0.05 0.00	22.23 -0.06 0.00	34.34 0.09 0.00	46.48 0.17 0.00	54.29 0.00 0.00	151.59 -1.14 0.00	37.28 -0.44 0.00	28.90 0.14 0.00	31.24 0.41 0.00
AMERICAN_REF_FUEL 24010	18.52 -1.51 0.00	19.44 -1.48 0.00	18.89 -1.36 0.00	19.03 -1.33 0.00	20.72 -1.33 0.00	27.39 -1.92 0.00	53.39 -4.50 0.00	25.70 -2.48 1.70	19.95 -1.86 2.16	18.15 -1.59 1.88	21.52 -1.77 0.85	25.40 -2.26 0.31	25.86 -2.47 0.00	21.48 -2.25 0.19	20.87 -1.97 0.00	19.38 -1.69 0.09	19.63 -1.71 0.95	21.53 -2.64 10.08	29.09 -3.53 13.70	43.90 -4.60 5.80	131.98 -12.70 8.04	32.09 -3.13 2.51	24.81 -2.35 1.60	26.47 -2.15 2.20
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.07 -0.97 0.00	20.11 -0.81 0.00	19.74 -0.50 0.00	20.01 -0.34 0.00	21.90 -0.15 0.00	29.24 -0.07 0.00	57.49 -0.39 0.00	27.50 -0.27 2.10	21.15 -0.16 2.66	19.17 -0.14 2.31	23.01 -0.08 1.05	27.32 -0.27 0.38	27.76 -0.57 0.00	23.00 -0.68 0.24	22.34 -0.50 0.00	20.73 -0.32 0.11	20.84 -0.28 1.17	21.53 -0.27 12.44	29.24 -0.16 16.91	46.73 -0.41 7.16	141.69 -1.08 9.96	34.22 -0.40 3.11	26.38 -0.39 1.99	27.80 -0.30 2.72
ARTHUR KILL_GT_1 23520	21.58 1.55 0.00	22.34 1.42 0.00	21.63 1.39 0.00	21.72 1.36 0.00	23.47 1.42 0.00	31.42 2.12 0.00	62.14 4.25 0.00	32.22 2.34 0.00	25.86 1.89 0.00	23.23 1.61 0.00	25.92 1.79 0.00	29.79 1.83 0.00	29.92 1.59 0.00	25.33 1.40 0.00	24.27 1.42 0.00	22.55 1.39 0.00	23.80 1.58 0.07	36.56 2.32 0.00	49.38 3.06 0.00	58.01 3.72 0.00	161.92 9.20 0.00	40.24 2.52 0.00	30.62 1.86 0.00	32.60 1.77 0.00
ARTHUR_KILL_2 23512	21.53 1.49 0.00	22.28 1.35 0.00	21.58 1.33 0.00	21.66 1.31 0.00	23.40 1.35 0.00	31.33 2.02 0.00	61.96 4.08 0.00	32.13 2.25 0.00	25.79 1.81 0.00	23.16 1.55 0.00	25.85 1.72 0.00	29.71 1.74 0.00	29.84 1.50 0.00	25.26 1.34 0.00	24.20 1.36 0.00	22.49 1.33 0.00	23.73 1.51 0.07	36.44 2.19 0.00	49.22 2.91 0.00	57.83 3.54 0.00	161.46 8.74 0.00	40.11 2.39 0.00	30.53 1.77 0.00	32.50 1.68 0.00
ARTHUR_KILL_3 23513	21.44 1.40 0.00	22.17 1.25 0.00	21.47 1.23 0.00	21.59 1.24 0.00	23.30 1.25 0.00	31.18 1.87 0.00	61.66 3.78 0.00	32.01 2.13 0.00	25.68 1.70 0.00	23.09 1.48 0.00	25.80 1.67 0.00	29.65 1.68 0.00	29.79 1.45 0.00	25.21 1.28 0.00	24.16 1.32 0.00	22.46 1.30 0.00	23.70 1.48 0.07	36.36 2.11 0.00	49.11 2.80 0.00	57.61 3.31 0.00	160.80 8.07 0.00	39.89 2.17 0.00	30.36 1.60 0.00	32.41 1.58 0.00

ARTHUR_KILL_COGEN 323718	21.58 1.55 0.00	22.34 1.42 0.00	21.63 1.39 0.00	21.72 1.36 0.00	23.47 1.42 0.00	31.42 2.12 0.00	62.14 4.25 0.00	32.22 2.34 0.00	25.86 1.89 0.00	23.23 1.61 0.00	25.92 1.79 0.00	29.79 1.83 0.00	29.92 1.59 0.00	25.33 1.40 0.00	24.27 1.42 0.00	22.55 1.39 0.00	23.80 1.58 0.07	36.56 2.32 0.00	49.38 3.06 0.00	58.01 3.72 0.00	161.92 9.20 0.00	40.24 2.52 0.00	30.62 1.86 0.00	32.60 1.77 0.00
ASHOKAN____ 23654	21.33 1.29 0.00	22.17 1.25 0.00	21.44 1.20 0.00	21.56 1.21 0.00	23.35 1.30 0.00	31.16 1.85 0.00	61.70 3.81 0.00	31.93 2.05 0.00	25.54 1.56 0.00	22.78 1.16 0.00	25.37 1.24 0.00	29.13 1.16 0.00	29.28 0.94 0.00	24.71 0.78 0.00	23.77 0.92 0.00	22.25 1.09 0.00	23.75 1.46 0.00	36.68 2.43 0.00	49.76 3.44 0.00	58.25 3.95 0.00	163.43 10.70 0.00	40.24 2.52 0.00	30.53 1.76 0.00	32.64 1.81 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.55 1.51 0.00	22.26 1.34 0.00	21.58 1.34 0.00	21.63 1.28 0.00	23.35 1.30 0.00	31.22 1.91 0.00	61.84 3.95 0.00	32.12 2.24 0.00	25.81 1.83 0.00	23.20 1.58 0.00	25.88 1.75 0.00	29.70 1.74 0.00	29.87 1.53 0.00	25.31 1.39 0.00	24.24 1.39 0.00	22.54 1.39 0.00	23.84 1.55 0.00	36.45 2.20 0.00	49.26 2.94 0.00	57.86 3.56 0.00	161.42 8.70 0.00	40.05 2.33 0.00	30.46 1.70 0.00	32.47 1.65 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.55 1.51 0.00	22.26 1.34 0.00	21.58 1.34 0.00	21.63 1.28 0.00	23.35 1.30 0.00	31.22 1.91 0.00	61.84 3.95 0.00	32.13 2.25 0.00	25.81 1.83 0.00	23.20 1.58 0.00	25.88 1.75 0.00	29.70 1.74 0.00	29.87 1.53 0.00	25.31 1.39 0.00	24.24 1.39 0.00	22.54 1.38 0.00	23.84 1.55 0.00	36.45 2.20 0.00	49.26 2.94 0.00	57.86 3.56 0.00	161.42 8.70 0.00	40.05 2.33 0.00	30.46 1.70 0.00	32.47 1.65 0.00
ASTORIA_GT2_1 24094	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00
ASTORIA_GT2_2 24095	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00
ASTORIA_GT2_3 24096	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00
ASTORIA_GT2_4 24097	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00
ASTORIA_GT3_1 24098	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00
ASTORIA_GT3_2 24099	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00
ASTORIA_GT3_3 24100	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00
ASTORIA_GT3_4 24101	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00
ASTORIA_GT4_1 24102	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00
ASTORIA_GT4_2 24103	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00
ASTORIA_GT4_3 24104	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00

ASTORIA_GT4_4 24105	21.56 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.62 1.27 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.77 0.00	29.88 1.55 0.00	25.33 1.41 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.55 8.83 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.50 1.67 0.00
ASTORIA_GT_1 23523	21.59 1.55 0.00	22.31 1.39 0.00	21.63 1.38 0.00	21.67 1.32 0.00	23.40 1.35 0.00	31.29 1.97 0.00	61.98 4.10 0.00	32.19 2.32 0.00	25.87 1.90 0.00	23.26 1.64 0.00	25.95 1.81 0.00	29.79 1.82 0.00	29.95 1.62 0.00	25.38 1.46 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.90 1.62 0.00	36.54 2.29 0.00	49.39 3.07 0.00	58.01 3.72 0.00	161.87 9.15 0.00	40.15 2.43 0.00	30.54 1.78 0.00	32.56 1.73 0.00
ASTORIA_GT_10 24110	21.57 1.53 0.00	22.30 1.38 0.00	21.62 1.38 0.00	21.70 1.34 0.00	23.42 1.37 0.00	31.32 2.01 0.00	62.01 4.12 0.00	32.20 2.32 0.00	25.86 1.89 0.00	23.26 1.64 0.00	25.97 1.84 0.00	29.83 1.87 0.00	29.97 1.64 0.00	25.38 1.46 0.00	24.32 1.47 0.00	22.62 1.46 0.00	23.92 1.63 0.00	36.61 2.36 0.00	49.45 3.14 0.00	58.00 3.71 0.00	161.90 9.18 0.00	40.17 2.45 0.00	30.56 1.80 0.00	32.61 1.79 0.00
ASTORIA_GT_11 24225	21.57 1.53 0.00	22.30 1.38 0.00	21.62 1.38 0.00	21.70 1.34 0.00	23.42 1.37 0.00	31.32 2.01 0.00	62.01 4.12 0.00	32.20 2.32 0.00	25.86 1.89 0.00	23.26 1.64 0.00	25.97 1.84 0.00	29.83 1.87 0.00	29.97 1.64 0.00	25.38 1.46 0.00	24.32 1.47 0.00	22.62 1.46 0.00	23.92 1.63 0.00	36.61 2.36 0.00	49.45 3.14 0.00	58.00 3.71 0.00	161.90 9.18 0.00	40.17 2.45 0.00	30.56 1.80 0.00	32.61 1.79 0.00
ASTORIA_GT_12 24226	21.57 1.53 0.00	22.30 1.38 0.00	21.62 1.38 0.00	21.70 1.34 0.00	23.42 1.37 0.00	31.32 2.01 0.00	62.01 4.12 0.00	32.20 2.32 0.00	25.86 1.89 0.00	23.26 1.64 0.00	25.97 1.84 0.00	29.83 1.87 0.00	29.97 1.64 0.00	25.38 1.46 0.00	24.32 1.47 0.00	22.62 1.46 0.00	23.92 1.63 0.00	36.61 2.36 0.00	49.45 3.14 0.00	58.00 3.71 0.00	161.90 9.18 0.00	40.17 2.45 0.00	30.56 1.80 0.00	32.61 1.79 0.00
ASTORIA_GT_13 24227	21.57 1.53 0.00	22.30 1.38 0.00	21.62 1.38 0.00	21.70 1.34 0.00	23.42 1.37 0.00	31.32 2.01 0.00	62.01 4.12 0.00	32.20 2.32 0.00	25.86 1.89 0.00	23.26 1.64 0.00	25.97 1.84 0.00	29.83 1.87 0.00	29.97 1.64 0.00	25.38 1.46 0.00	24.32 1.47 0.00	22.62 1.46 0.00	23.92 1.63 0.00	36.61 2.36 0.00	49.45 3.14 0.00	58.00 3.71 0.00	161.90 9.18 0.00	40.17 2.45 0.00	30.56 1.80 0.00	32.61 1.79 0.00
ASTORIA_GT_5 24106	21.59 1.56 0.00	22.31 1.39 0.00	21.63 1.38 0.00	21.66 1.31 0.00	23.40 1.35 0.00	31.29 1.97 0.00	61.98 4.10 0.00	32.20 2.32 0.00	25.87 1.90 0.00	23.26 1.64 0.00	25.95 1.81 0.00	29.79 1.82 0.00	29.95 1.62 0.00	25.38 1.46 0.00	24.30 1.45 0.00	22.60 1.44 0.00	23.90 1.61 0.00	36.54 2.29 0.00	49.39 3.08 0.00	58.02 3.72 0.00	161.86 9.14 0.00	40.15 2.43 0.00	30.55 1.79 0.00	32.56 1.73 0.00
ASTORIA_GT_7 24107	21.59 1.56 0.00	22.31 1.39 0.00	21.63 1.38 0.00	21.66 1.31 0.00	23.40 1.35 0.00	31.29 1.97 0.00	61.98 4.10 0.00	32.20 2.32 0.00	25.87 1.90 0.00	23.26 1.64 0.00	25.95 1.81 0.00	29.79 1.82 0.00	29.95 1.62 0.00	25.38 1.46 0.00	24.30 1.45 0.00	22.60 1.44 0.00	23.90 1.61 0.00	36.54 2.29 0.00	49.39 3.08 0.00	58.02 3.72 0.00	161.86 9.14 0.00	40.15 2.43 0.00	30.55 1.79 0.00	32.56 1.73 0.00
ASTORIA_GT_8 24108	21.59 1.56 0.00	22.31 1.39 0.00	21.63 1.38 0.00	21.66 1.31 0.00	23.40 1.35 0.00	31.29 1.97 0.00	61.98 4.10 0.00	32.20 2.32 0.00	25.87 1.90 0.00	23.26 1.64 0.00	25.95 1.81 0.00	29.79 1.82 0.00	29.95 1.62 0.00	25.38 1.46 0.00	24.30 1.45 0.00	22.60 1.44 0.00	23.90 1.61 0.00	36.54 2.29 0.00	49.39 3.08 0.00	58.02 3.72 0.00	161.86 9.14 0.00	40.15 2.43 0.00	30.55 1.79 0.00	32.56 1.73 0.00
ASTORIA___2 24149	21.55 1.52 0.00	22.27 1.35 0.00	21.59 1.35 0.00	21.64 1.29 0.00	23.36 1.31 0.00	31.23 1.92 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.85 0.00	23.21 1.59 0.00	25.90 1.76 0.00	29.73 1.76 0.00	29.88 1.55 0.00	25.33 1.40 0.00	24.25 1.41 0.00	22.55 1.39 0.00	23.85 1.57 0.00	36.47 2.22 0.00	49.29 2.98 0.00	57.90 3.60 0.00	161.54 8.82 0.00	40.07 2.35 0.00	30.48 1.72 0.00	32.50 1.67 0.00
ASTORIA___3 23516	21.57 1.53 0.00	22.31 1.38 0.00	21.62 1.38 0.00	21.70 1.35 0.00	23.42 1.37 0.00	31.33 2.01 0.00	62.01 4.12 0.00	32.19 2.32 0.00	25.86 1.89 0.00	23.26 1.64 0.00	25.97 1.84 0.00	29.83 1.86 0.00	29.97 1.63 0.00	25.38 1.46 0.00	24.32 1.47 0.00	22.62 1.46 0.00	23.93 1.64 0.00	36.61 2.36 0.00	49.45 3.14 0.00	58.00 3.71 0.00	161.90 9.17 0.00	40.17 2.45 0.00	30.56 1.79 0.00	32.61 1.79 0.00
ASTORIA___4 23517	21.57 1.53 0.00	22.30 1.38 0.00	21.62 1.38 0.00	21.70 1.34 0.00	23.42 1.37 0.00	31.32 2.01 0.00	62.01 4.12 0.00	32.20 2.32 0.00	25.86 1.89 0.00	23.26 1.64 0.00	25.97 1.84 0.00	29.83 1.87 0.00	29.97 1.64 0.00	25.38 1.46 0.00	24.32 1.47 0.00	22.62 1.46 0.00	23.92 1.63 0.00	36.61 2.36 0.00	49.45 3.14 0.00	58.00 3.71 0.00	161.90 9.18 0.00	40.17 2.45 0.00	30.56 1.80 0.00	32.61 1.79 0.00
ASTORIA___5 23518	21.57 1.53 0.00	22.31 1.38 0.00	21.62 1.38 0.00	21.70 1.35 0.00	23.42 1.37 0.00	31.33 2.01 0.00	62.01 4.12 0.00	32.19 2.32 0.00	25.86 1.89 0.00	23.26 1.64 0.00	25.97 1.84 0.00	29.83 1.86 0.00	29.97 1.63 0.00	25.38 1.46 0.00	24.32 1.47 0.00	22.62 1.46 0.00	23.93 1.64 0.00	36.61 2.36 0.00	49.45 3.14 0.00	58.00 3.71 0.00	161.90 9.17 0.00	40.17 2.45 0.00	30.56 1.79 0.00	32.61 1.79 0.00
AST_ENERGY_2_CC3 323677	21.52 1.48 0.00	22.26 1.33 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.38 1.33 0.00	31.28 1.97 0.00	61.87 3.99 0.00	32.11 2.23 0.00	25.78 1.81 0.00	23.19 1.57 0.00	25.90 1.77 0.00	29.77 1.80 0.00	29.90 1.57 0.00	25.30 1.38 0.00	24.26 1.41 0.00	22.55 1.40 0.00	23.86 1.57 0.00	36.50 2.25 0.00	49.26 2.94 0.00	57.77 3.48 0.00	161.24 8.52 0.00	39.99 2.27 0.00	30.42 1.66 0.00	32.47 1.65 0.00
AST_ENERGY_2_CC4 323678	21.52 1.48 0.00	22.26 1.33 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.38 1.33 0.00	31.28 1.97 0.00	61.87 3.99 0.00	32.11 2.23 0.00	25.78 1.81 0.00	23.19 1.57 0.00	25.90 1.77 0.00	29.77 1.80 0.00	29.90 1.57 0.00	25.30 1.38 0.00	24.26 1.41 0.00	22.55 1.40 0.00	23.86 1.57 0.00	36.50 2.25 0.00	49.26 2.94 0.00	57.77 3.48 0.00	161.24 8.52 0.00	39.99 2.27 0.00	30.42 1.66 0.00	32.47 1.65 0.00

ATHENS_STG_1 23668	20.97 0.94 0.00	21.80 0.87 0.00	21.09 0.85 0.00	21.20 0.85 0.00	22.93 0.89 0.00	30.60 1.28 0.00	60.46 2.57 0.00	31.27 1.39 0.00	25.07 1.10 0.00	22.50 0.89 0.00	25.16 1.03 0.00	28.97 1.00 0.00	29.16 0.83 0.00	24.69 0.77 0.00	23.65 0.80 0.00	22.02 0.86 0.00	23.29 1.00 0.00	35.72 1.47 0.00	48.27 1.95 0.00	56.58 2.29 0.00	158.72 5.99 0.00	39.23 1.51 0.00	29.84 1.09 0.00	31.96 1.13 0.00
ATHENS_STG_2 23670	20.97 0.94 0.00	21.80 0.87 0.00	21.09 0.85 0.00	21.20 0.85 0.00	22.93 0.89 0.00	30.60 1.28 0.00	60.46 2.57 0.00	31.27 1.39 0.00	25.07 1.10 0.00	22.50 0.89 0.00	25.16 1.03 0.00	28.97 1.00 0.00	29.16 0.83 0.00	24.69 0.77 0.00	23.65 0.80 0.00	22.02 0.86 0.00	23.29 1.00 0.00	35.72 1.47 0.00	48.27 1.95 0.00	56.58 2.29 0.00	158.72 5.99 0.00	39.23 1.51 0.00	29.84 1.09 0.00	31.96 1.13 0.00
ATHENS_STG_3 23677	20.97 0.94 0.00	21.80 0.87 0.00	21.09 0.85 0.00	21.20 0.85 0.00	22.93 0.89 0.00	30.60 1.28 0.00	60.46 2.57 0.00	31.27 1.39 0.00	25.07 1.10 0.00	22.50 0.89 0.00	25.16 1.03 0.00	28.97 1.00 0.00	29.16 0.83 0.00	24.69 0.77 0.00	23.65 0.80 0.00	22.02 0.86 0.00	23.29 1.00 0.00	35.72 1.47 0.00	48.27 1.95 0.00	56.58 2.29 0.00	158.72 5.99 0.00	39.23 1.51 0.00	29.84 1.09 0.00	31.96 1.13 0.00
AUBURN___LFGE 323710	20.01 -0.02 0.00	20.88 -0.04 0.00	20.24 0.00 0.00	20.40 0.04 0.00	22.03 -0.02 0.00	29.42 0.11 0.00	58.27 0.39 0.00	30.15 0.27 0.00	24.11 0.13 0.00	21.65 0.03 0.00	24.12 -0.02 0.00	27.80 -0.16 0.00	28.03 -0.31 0.00	23.65 -0.28 0.00	22.66 -0.19 0.00	21.09 -0.07 0.00	22.44 0.15 0.00	34.65 0.40 0.00	46.77 0.45 0.00	55.05 0.76 0.00	155.35 2.62 0.00	38.14 0.42 0.00	28.92 0.16 0.00	30.93 0.11 0.00
BABYLON_RES_REC 323704	22.01 1.97 0.00	22.79 1.86 0.00	22.00 1.76 0.00	22.10 1.74 0.00	23.85 1.80 0.00	31.93 2.62 0.00	63.13 5.24 0.00	32.79 2.91 0.00	26.36 2.39 0.00	23.59 1.97 0.00	26.39 2.25 0.00	30.25 2.28 0.00	30.30 1.96 0.00	25.64 1.72 0.00	25.12 1.88 -0.39	36.23 1.89 -13.18	52.03 2.15 -27.58	37.31 3.06 0.00	50.12 3.80 0.00	58.94 4.65 0.00	164.29 11.57 0.00	40.95 3.23 0.00	31.21 2.45 0.00	33.63 2.57 -0.23
BABYLON__69_KV_BK2 356345	22.20 2.16 0.00	23.00 2.07 0.00	22.19 1.94 0.00	22.28 1.92 0.00	24.05 2.00 0.00	32.20 2.89 0.00	63.70 5.82 0.00	33.09 3.21 0.00	26.62 2.64 0.00	23.82 2.20 0.00	26.63 2.50 0.00	30.52 2.56 0.00	30.55 2.22 0.00	25.86 1.93 0.00	25.34 2.11 -0.39	36.45 2.10 -13.18	63.72 2.40 -39.03	96.72 3.34 -59.13	72.62 4.11 -22.21	93.35 5.13 -33.92	165.92 13.19 0.00	41.36 3.64 0.00	31.51 2.75 0.00	33.93 2.88 -0.22
BALL_HILL_WT_PWR 323825	19.12 -0.92 0.00	20.09 -0.84 0.00	19.55 -0.69 0.00	19.76 -0.60 0.00	21.56 -0.49 0.00	28.65 -0.66 0.00	56.20 -1.68 0.00	26.88 -0.97 2.03	20.70 -0.69 2.58	18.78 -0.59 2.24	22.52 -0.60 1.02	26.73 -0.86 0.37	27.23 -1.11 0.00	22.58 -1.11 0.23	21.96 -0.89 0.00	20.37 -0.68 0.11	20.49 -0.67 1.13	21.23 -0.96 12.06	28.75 -1.18 16.39	45.69 -1.67 6.93	138.48 -4.60 9.65	33.52 -1.19 3.01	25.87 -0.96 1.93	27.34 -0.84 2.64
BARON_WINDS___WT_PWR 323822	19.52 -0.51 0.00	20.47 -0.45 0.00	19.70 -0.54 0.00	19.89 -0.46 0.00	21.86 -0.19 0.00	29.34 0.03 0.00	58.63 0.75 0.00	31.75 0.62 -1.26	26.19 0.62 -1.59	23.43 0.43 -1.39	25.17 0.40 -0.63	28.53 0.34 -0.23	28.41 0.08 0.00	24.10 0.04 -0.14	22.98 0.14 0.00	21.51 0.29 -0.06	23.37 0.42 -0.66	42.10 0.84 -7.01	57.20 1.36 -9.53	60.02 1.69 -4.04	163.15 4.72 -5.70	40.54 1.04 -1.78	30.55 0.65 -1.14	33.03 0.64 -1.56
BARRETT_IC_1 23704	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT_IC_10 23701	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT_IC_11 23702	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT_IC_12 23703	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT_IC_2 23705	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT_IC_3 23706	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT_IC_4 23707	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16

BARRETT_IC_5 23708	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT_IC_6 23709	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT_IC_7 23710	21.78 1.74 0.00	22.55 1.63 0.00	21.79 1.55 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.63 2.32 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.05 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.26 0.00	58.06 3.77 0.00	161.24 8.51 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT_IC_8 23711	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT_IC_9 23700	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT___1 23545	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BARRETT___2 23546	21.78 1.74 0.00	22.56 1.63 0.00	21.79 1.54 0.00	21.89 1.53 0.00	23.64 1.59 0.00	31.62 2.31 0.00	62.36 4.48 0.00	32.33 2.46 0.00	25.98 2.01 0.00	23.34 1.72 0.00	26.18 2.04 0.00	30.05 2.09 0.00	30.15 1.81 0.00	25.51 1.59 0.00	24.94 1.70 -0.39	36.03 1.69 -13.18	51.72 1.85 -27.58	36.83 2.58 0.00	49.57 3.25 0.00	58.06 3.76 0.00	161.22 8.50 0.00	40.39 2.67 0.00	30.83 2.07 0.00	34.19 2.20 -1.16
BATAVIA__115KV_TB1 55881	19.43 -0.61 0.00	20.38 -0.54 0.00	19.78 -0.46 0.00	19.95 -0.40 0.00	21.72 -0.33 0.00	28.82 -0.49 0.00	56.53 -1.35 0.00	29.11 -0.77 0.00	23.40 -0.57 0.00	21.05 -0.57 0.00	23.43 -0.71 0.00	26.90 -1.06 0.00	27.21 -1.13 0.00	22.78 -1.14 0.00	21.87 -0.97 0.00	20.36 -0.80 0.00	21.67 -0.62 0.00	33.57 -0.68 0.00	45.53 -0.78 0.00	52.98 -1.31 0.00	149.24 -3.48 0.00	36.76 -0.96 0.00	27.95 -0.81 0.00	30.22 -0.60 0.00
BAYONEEC___CTG1 323682	21.52 1.48 0.00	22.26 1.34 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.13 2.25 0.00	25.79 1.81 0.00	23.19 1.57 0.00	25.91 1.77 0.00	29.77 1.81 0.00	29.90 1.57 0.00	25.31 1.39 0.00	24.26 1.41 0.00	22.56 1.40 0.00	23.87 1.58 0.00	36.53 2.28 0.00	49.30 2.99 0.00	57.84 3.54 0.00	161.41 8.69 0.00	40.03 2.31 0.00	30.47 1.71 0.00	32.52 1.70 0.00
BAYONEEC___CTG10 323750	21.52 1.48 0.00	22.26 1.34 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.13 2.25 0.00	25.79 1.81 0.00	23.19 1.57 0.00	25.91 1.77 0.00	29.77 1.81 0.00	29.90 1.57 0.00	25.31 1.39 0.00	24.26 1.41 0.00	22.56 1.40 0.00	23.87 1.58 0.00	36.53 2.28 0.00	49.30 2.99 0.00	57.84 3.54 0.00	161.41 8.69 0.00	40.03 2.31 0.00	30.47 1.71 0.00	32.52 1.70 0.00
BAYONEEC___CTG2 323683	21.52 1.48 0.00	22.26 1.34 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.13 2.25 0.00	25.79 1.81 0.00	23.19 1.57 0.00	25.91 1.77 0.00	29.77 1.81 0.00	29.90 1.57 0.00	25.31 1.39 0.00	24.26 1.41 0.00	22.56 1.40 0.00	23.87 1.58 0.00	36.53 2.28 0.00	49.30 2.99 0.00	57.84 3.54 0.00	161.41 8.69 0.00	40.03 2.31 0.00	30.47 1.71 0.00	32.52 1.70 0.00
BAYONEEC___CTG3 323684	21.52 1.48 0.00	22.26 1.34 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.13 2.25 0.00	25.79 1.81 0.00	23.19 1.57 0.00	25.91 1.77 0.00	29.77 1.81 0.00	29.90 1.57 0.00	25.31 1.39 0.00	24.26 1.41 0.00	22.56 1.40 0.00	23.87 1.58 0.00	36.53 2.28 0.00	49.30 2.99 0.00	57.84 3.54 0.00	161.41 8.69 0.00	40.03 2.31 0.00	30.47 1.71 0.00	32.52 1.70 0.00
BAYONEEC___CTG4 323685	21.52 1.48 0.00	22.26 1.34 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.13 2.25 0.00	25.79 1.81 0.00	23.19 1.57 0.00	25.91 1.77 0.00	29.77 1.81 0.00	29.90 1.57 0.00	25.31 1.39 0.00	24.26 1.41 0.00	22.56 1.40 0.00	23.87 1.58 0.00	36.53 2.28 0.00	49.30 2.99 0.00	57.84 3.54 0.00	161.41 8.69 0.00	40.03 2.31 0.00	30.47 1.71 0.00	32.52 1.70 0.00
BAYONEEC___CTG5 323686	21.52 1.48 0.00	22.26 1.34 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.13 2.25 0.00	25.79 1.81 0.00	23.19 1.57 0.00	25.91 1.77 0.00	29.77 1.81 0.00	29.90 1.57 0.00	25.31 1.39 0.00	24.26 1.41 0.00	22.56 1.40 0.00	23.87 1.58 0.00	36.53 2.28 0.00	49.30 2.99 0.00	57.84 3.54 0.00	161.41 8.69 0.00	40.03 2.31 0.00	30.47 1.71 0.00	32.52 1.70 0.00
BAYONEEC___CTG6 323687	21.52 1.48 0.00	22.26 1.34 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.13 2.25 0.00	25.79 1.81 0.00	23.19 1.57 0.00	25.91 1.77 0.00	29.77 1.81 0.00	29.90 1.57 0.00	25.31 1.39 0.00	24.26 1.41 0.00	22.56 1.40 0.00	23.87 1.58 0.00	36.53 2.28 0.00	49.30 2.99 0.00	57.84 3.54 0.00	161.41 8.69 0.00	40.03 2.31 0.00	30.47 1.71 0.00	32.52 1.70 0.00

BAYONEEC___CTG7 323688	21.52 1.48 0.00	22.26 1.34 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.13 2.25 0.00	25.79 1.81 0.00	23.19 1.57 0.00	25.91 1.77 0.00	29.77 1.81 0.00	29.90 1.57 0.00	25.31 1.39 0.00	24.26 1.41 0.00	22.56 1.40 0.00	23.87 1.58 0.00	36.53 2.28 0.00	49.30 2.99 0.00	57.84 3.54 0.00	161.41 8.69 0.00	40.03 2.31 0.00	30.47 1.71 0.00	32.52 1.70 0.00
BAYONEEC___CTG8 323689	21.52 1.48 0.00	22.26 1.34 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.13 2.25 0.00	25.79 1.81 0.00	23.19 1.57 0.00	25.91 1.77 0.00	29.77 1.81 0.00	29.90 1.57 0.00	25.31 1.39 0.00	24.26 1.41 0.00	22.56 1.40 0.00	23.87 1.58 0.00	36.53 2.28 0.00	49.30 2.99 0.00	57.84 3.54 0.00	161.41 8.69 0.00	40.03 2.31 0.00	30.47 1.71 0.00	32.52 1.70 0.00
BAYONEEC___CTG9 323749	21.52 1.48 0.00	22.26 1.34 0.00	21.56 1.31 0.00	21.67 1.32 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.13 2.25 0.00	25.79 1.81 0.00	23.19 1.57 0.00	25.91 1.77 0.00	29.77 1.81 0.00	29.90 1.57 0.00	25.31 1.39 0.00	24.26 1.41 0.00	22.56 1.40 0.00	23.87 1.58 0.00	36.53 2.28 0.00	49.30 2.99 0.00	57.84 3.54 0.00	161.41 8.69 0.00	40.03 2.31 0.00	30.47 1.71 0.00	32.52 1.70 0.00
BEACON___LESR 323632	20.98 0.95 0.00	21.83 0.90 0.00	21.09 0.85 0.00	21.24 0.89 0.00	22.97 0.93 0.00	30.58 1.27 0.00	60.52 2.64 0.00	31.25 1.37 0.00	24.97 1.00 0.00	22.37 0.75 0.00	24.99 0.86 0.00	28.74 0.78 0.00	29.01 0.67 0.00	24.53 0.61 0.00	23.49 0.65 0.00	21.99 0.83 0.00	23.35 1.06 0.00	35.78 1.53 0.00	48.28 1.96 0.00	56.61 2.31 0.00	159.12 6.40 0.00	39.24 1.51 0.00	29.78 1.02 0.00	31.90 1.07 0.00
BEAVER RIVER___HYD 24048	19.28 -0.75 0.00	20.18 -0.74 0.00	19.66 -0.59 0.00	19.95 -0.41 0.00	21.89 -0.16 0.00	29.44 0.13 0.00	58.66 0.78 0.00	30.33 0.45 0.00	24.36 0.38 0.00	21.84 0.23 0.00	24.25 0.12 0.00	27.92 -0.04 0.00	28.08 -0.25 0.00	23.56 -0.37 0.00	22.31 -0.53 0.00	20.64 -0.51 0.00	22.13 -0.16 0.00	35.07 0.82 0.00	47.64 1.32 0.00	55.21 0.92 0.00	155.07 2.34 0.00	37.94 0.22 0.00	28.87 0.11 0.00	30.92 0.09 0.00
BEEBEE_GT_13 23619	19.42 -0.62 0.00	20.32 -0.60 0.00	19.70 -0.54 0.00	19.85 -0.51 0.00	21.57 -0.48 0.00	28.63 -0.68 0.00	56.34 -1.55 0.00	29.04 -0.84 0.00	23.33 -0.64 0.00	21.05 -0.57 0.00	23.51 -0.63 0.00	27.10 -0.87 0.00	27.28 -1.06 0.00	22.95 -0.98 0.00	22.01 -0.83 0.00	20.49 -0.67 0.00	21.72 -0.57 0.00	33.46 -0.78 0.00	45.32 -0.99 0.00	52.90 -1.39 0.00	149.19 -3.53 0.00	36.74 -0.98 0.00	27.91 -0.85 0.00	30.01 -0.81 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.80 1.76 0.00	22.54 1.62 0.00	21.83 1.59 0.00	21.91 1.55 0.00	23.67 1.62 0.00	31.69 2.38 0.00	62.71 4.82 0.00	32.55 2.67 0.00	26.15 2.18 0.00	23.51 1.89 0.00	26.26 2.12 0.00	30.18 2.21 0.00	30.31 1.98 0.00	25.66 1.74 0.00	24.59 1.74 0.00	22.85 1.70 0.00	24.19 1.90 0.00	37.02 2.77 0.00	50.00 3.68 0.00	58.69 4.40 0.00	163.87 11.14 0.00	40.67 2.95 0.00	30.94 2.18 0.00	32.97 2.14 0.00
BETHLEHEM___GRP 23843	20.57 0.54 0.00	21.41 0.49 0.00	20.72 0.48 0.00	20.84 0.48 0.00	22.54 0.49 0.00	29.98 0.67 0.00	59.18 1.29 0.00	30.55 0.67 0.00	24.48 0.51 0.00	21.95 0.33 0.00	24.57 0.43 0.00	28.28 0.31 0.00	28.49 0.16 0.00	24.15 0.23 0.00	23.13 0.29 0.00	21.58 0.42 0.00	22.88 0.59 0.00	34.94 0.69 0.00	47.23 0.91 0.00	55.29 1.00 0.00	155.44 2.72 0.00	38.35 0.63 0.00	29.18 0.42 0.00	31.27 0.44 0.00
BETHLEHEM___GS1 323560	20.57 0.53 0.00	21.41 0.49 0.00	20.72 0.48 0.00	20.84 0.48 0.00	22.54 0.49 0.00	29.98 0.67 0.00	59.18 1.29 0.00	30.55 0.67 0.00	24.48 0.51 0.00	21.95 0.33 0.00	24.57 0.43 0.00	28.27 0.31 0.00	28.49 0.16 0.00	24.15 0.23 0.00	23.13 0.29 0.00	21.58 0.42 0.00	22.87 0.59 0.00	34.94 0.69 0.00	47.22 0.91 0.00	55.29 1.00 0.00	155.44 2.72 0.00	38.35 0.62 0.00	29.18 0.42 0.00	31.27 0.44 0.00
BETHLEHEM___GS2 323561	20.57 0.53 0.00	21.41 0.49 0.00	20.72 0.48 0.00	20.84 0.48 0.00	22.54 0.49 0.00	29.98 0.67 0.00	59.18 1.29 0.00	30.55 0.67 0.00	24.48 0.51 0.00	21.95 0.33 0.00	24.57 0.43 0.00	28.27 0.31 0.00	28.49 0.16 0.00	24.15 0.23 0.00	23.13 0.29 0.00	21.58 0.42 0.00	22.87 0.59 0.00	34.94 0.69 0.00	47.22 0.91 0.00	55.29 1.00 0.00	155.44 2.72 0.00	38.35 0.62 0.00	29.18 0.42 0.00	31.27 0.44 0.00
BETHLEHEM___GS3 323562	20.57 0.53 0.00	21.41 0.49 0.00	20.72 0.48 0.00	20.84 0.48 0.00	22.54 0.49 0.00	29.98 0.67 0.00	59.18 1.29 0.00	30.55 0.67 0.00	24.48 0.51 0.00	21.95 0.33 0.00	24.57 0.43 0.00	28.27 0.31 0.00	28.49 0.16 0.00	24.15 0.23 0.00	23.13 0.29 0.00	21.58 0.42 0.00	22.87 0.59 0.00	34.94 0.69 0.00	47.22 0.91 0.00	55.29 1.00 0.00	155.44 2.72 0.00	38.35 0.62 0.00	29.18 0.42 0.00	31.27 0.44 0.00
BETHLEHEM___STEEL 23779	19.11 -0.93 0.00	20.07 -0.85 0.00	19.49 -0.75 0.00	19.71 -0.65 0.00	21.47 -0.58 0.00	28.45 -0.86 0.00	55.71 -2.18 0.00	28.64 -1.23 0.00	23.08 -0.89 0.00	20.89 -0.72 0.00	23.36 -0.77 0.00	26.86 -1.11 0.00	27.03 -1.31 0.00	22.67 -1.25 0.00	21.82 -1.02 0.00	20.35 -0.81 0.00	21.52 -0.77 0.00	33.07 -1.18 0.00	44.78 -1.54 0.00	52.10 -2.19 0.00	146.69 -6.03 0.00	36.19 -1.53 0.00	27.55 -1.21 0.00	29.80 -1.03 0.00
BETHLHEM_115KV_TB1 79974	20.61 0.58 0.00	21.47 0.54 0.00	20.77 0.52 0.00	20.88 0.53 0.00	22.59 0.54 0.00	30.06 0.75 0.00	59.33 1.45 0.00	30.64 0.76 0.00	24.55 0.57 0.00	22.01 0.39 0.00	24.63 0.50 0.00	28.36 0.39 0.00	28.58 0.24 0.00	24.21 0.29 0.00	23.19 0.35 0.00	21.64 0.48 0.00	22.93 0.64 0.00	35.04 0.79 0.00	47.36 1.05 0.00	55.46 1.17 0.00	155.90 3.17 0.00	38.46 0.74 0.00	29.27 0.51 0.00	31.36 0.54 0.00
BETHPAGE_CC_5 323564	21.91 1.87 0.00	22.70 1.77 0.00	21.91 1.67 0.00	22.01 1.66 0.00	23.76 1.71 0.00	31.76 2.45 0.00	62.78 4.89 0.00	32.59 2.71 0.00	26.20 2.23 0.00	23.49 1.87 0.00	26.32 2.19 0.00	30.19 2.23 0.00	30.26 1.92 0.00	25.61 1.69 0.00	25.06 1.83 -0.39	36.16 1.82 -13.18	51.90 2.03 -27.58	37.13 2.88 0.00	49.90 3.59 0.00	58.62 4.33 0.00	163.23 10.51 0.00	40.73 3.01 0.00	31.05 2.29 0.00	33.52 2.43 -0.26
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.20 -0.83 0.00	20.17 -0.76 0.00	19.59 -0.65 0.00	19.80 -0.55 0.00	21.58 -0.47 0.00	28.61 -0.70 0.00	56.04 -1.85 0.00	28.83 -1.05 0.00	23.24 -0.74 0.00	21.03 -0.59 0.00	23.52 -0.61 0.00	27.04 -0.93 0.00	27.21 -1.12 0.00	22.82 -1.10 0.00	21.96 -0.88 0.00	20.48 -0.68 0.00	21.66 -0.63 0.00	33.29 -0.96 0.00	45.09 -1.22 0.00	52.47 -1.82 0.00	147.70 -5.02 0.00	36.44 -1.28 0.00	27.75 -1.02 0.00	29.98 -0.84 0.00

BINGHAMTON___COGEN 23790	20.14 0.10 0.00	21.00 0.07 0.00	20.28 0.04 0.00	20.42 0.07 0.00	22.17 0.12 0.00	29.56 0.25 0.00	58.51 0.63 0.00	30.33 0.45 0.00	24.38 0.41 0.00	21.92 0.30 0.00	24.45 0.32 0.00	28.21 0.24 0.00	28.39 0.05 0.00	23.95 0.03 0.00	22.95 0.11 0.00	21.41 0.25 0.00	22.67 0.38 0.00	34.91 0.66 0.00	47.28 0.97 0.00	55.49 1.19 0.00	156.03 3.30 0.00	38.49 0.77 0.00	29.26 0.50 0.00	31.33 0.50 0.00
BIXINCNT_115KV_LOAD 355685	19.13 -0.91 0.00	20.21 -0.71 0.00	19.79 -0.45 0.00	20.13 -0.23 0.00	22.09 0.04 0.00	29.35 0.05 0.00	57.79 -0.09 0.00	29.80 -0.08 0.00	24.04 0.06 0.00	21.71 0.10 0.00	24.31 0.18 0.00	28.00 0.04 0.00	28.15 -0.19 0.00	23.59 -0.33 0.00	22.67 -0.17 0.00	21.12 -0.04 0.00	22.34 0.05 0.00	34.27 0.02 0.00	46.45 0.13 0.00	54.12 -0.17 0.00	152.43 -0.29 0.00	37.65 -0.07 0.00	28.67 -0.09 0.00	30.95 0.13 0.00
BLACK RIVER___HYD 24047	19.26 -0.77 0.00	20.14 -0.78 0.00	19.65 -0.59 0.00	19.99 -0.36 0.00	21.96 -0.09 0.00	29.64 0.33 0.00	59.16 1.27 0.00	30.61 0.74 0.00	24.51 0.54 0.00	21.90 0.28 0.00	24.23 0.10 0.00	27.81 -0.15 0.00	27.92 -0.42 0.00	23.38 -0.54 0.00	22.11 -0.74 0.00	20.49 -0.67 0.00	22.09 -0.20 0.00	35.35 1.10 0.00	48.12 1.81 0.00	55.69 1.40 0.00	156.50 3.77 0.00	38.23 0.51 0.00	29.03 0.27 0.00	31.03 0.21 0.00
BLACKRVR_115KV_TB2 79977	19.26 -0.77 0.00	20.14 -0.78 0.00	19.65 -0.59 0.00	20.00 -0.36 0.00	21.96 -0.09 0.00	29.64 0.33 0.00	59.16 1.27 0.00	30.61 0.74 0.00	24.51 0.54 0.00	21.90 0.29 0.00	24.23 0.10 0.00	27.81 -0.15 0.00	27.92 -0.42 0.00	23.38 -0.54 0.00	22.11 -0.74 0.00	20.49 -0.67 0.00	22.09 -0.20 0.00	35.35 1.10 0.00	48.12 1.81 0.00	55.70 1.41 0.00	156.49 3.77 0.00	38.23 0.51 0.00	29.03 0.27 0.00	31.03 0.21 0.00
BLISS_WT_PWR 323608	18.96 -1.08 0.00	20.09 -0.83 0.00	19.72 -0.52 0.00	20.08 -0.28 0.00	22.11 0.06 0.00	29.40 0.09 0.00	57.90 0.01 0.00	27.70 -0.01 2.17	21.33 0.12 2.76	19.35 0.13 2.40	23.26 0.21 1.08	27.68 0.11 0.39	28.20 -0.13 0.00	23.39 -0.29 0.25	22.71 -0.13 0.00	21.04 -0.01 0.11	21.15 0.07 1.21	21.46 0.09 12.89	29.05 0.25 17.51	46.81 -0.07 7.41	142.42 0.02 10.32	34.50 0.00 3.22	26.64 -0.06 2.06	28.14 0.13 2.82
BLUESTONE___WT_PWR 323821	20.14 0.10 0.00	21.72 0.79 0.00	20.39 0.15 0.00	20.66 0.30 0.00	22.84 0.79 0.00	29.42 0.11 0.00	59.06 1.18 0.00	31.22 0.84 -0.50	25.68 1.07 -0.63	23.20 1.04 -0.55	25.65 1.27 -0.25	29.36 1.30 -0.09	29.30 0.97 0.00	24.57 0.59 -0.06	23.47 0.62 0.00	21.98 0.79 -0.03	23.88 1.30 -0.29	39.82 2.49 -3.07	54.22 3.73 -4.17	60.05 3.99 -1.77	166.06 10.85 -2.48	41.26 2.76 -0.78	31.45 2.19 -0.50	34.00 2.49 -0.68
BLUE_CIRC_CHEM_DRP 24182	20.82 0.79 0.00	21.69 0.77 0.00	20.99 0.75 0.00	21.11 0.76 0.00	22.85 0.80 0.00	30.41 1.10 0.00	60.04 2.15 0.00	30.95 1.08 0.00	24.73 0.76 0.00	22.12 0.50 0.00	24.72 0.58 0.00	28.50 0.53 0.00	28.76 0.42 0.00	24.33 0.41 0.00	23.30 0.45 0.00	21.75 0.59 0.00	23.14 0.85 0.00	35.47 1.22 0.00	47.95 1.63 0.00	56.11 1.82 0.00	157.74 5.01 0.00	38.93 1.21 0.00	29.62 0.86 0.00	31.76 0.93 0.00
BOC_GAS_DRP 24189	20.70 0.67 0.00	21.55 0.63 0.00	20.86 0.61 0.00	20.97 0.61 0.00	22.69 0.64 0.00	30.21 0.90 0.00	59.66 1.78 0.00	30.82 0.95 0.00	24.71 0.73 0.00	22.17 0.55 0.00	24.79 0.66 0.00	28.57 0.60 0.00	28.79 0.46 0.00	24.38 0.45 0.00	23.34 0.50 0.00	21.74 0.58 0.00	23.01 0.72 0.00	35.23 0.98 0.00	47.62 1.31 0.00	55.79 1.50 0.00	156.70 3.98 0.00	38.72 1.00 0.00	29.46 0.70 0.00	31.56 0.74 0.00
BOONVILLE_115KV_TB1 79983	20.11 0.08 0.00	21.01 0.08 0.00	20.45 0.21 0.00	20.61 0.25 0.00	22.46 0.41 0.00	30.10 0.79 0.00	59.81 1.92 0.00	30.93 1.05 0.00	24.85 0.87 0.00	22.32 0.70 0.00	24.84 0.71 0.00	28.65 0.68 0.00	28.83 0.50 0.00	24.28 0.36 0.00	23.12 0.28 0.00	21.45 0.29 0.00	22.86 0.57 0.00	35.66 1.41 0.00	48.32 2.00 0.00	56.33 2.04 0.00	158.35 5.63 0.00	38.90 1.17 0.00	29.57 0.81 0.00	31.64 0.81 0.00
BORALEX_4TH_BRANCH 23824	21.41 1.38 0.00	22.35 1.42 0.00	21.63 1.39 0.00	21.76 1.41 0.00	23.53 1.48 0.00	31.22 1.91 0.00	61.47 3.59 0.00	31.70 1.82 0.00	25.36 1.39 0.00	22.65 1.04 0.00	25.46 1.32 0.00	29.29 1.33 0.00	29.44 1.10 0.00	24.97 1.05 0.00	23.89 1.04 0.00	22.39 1.23 0.00	23.63 1.34 0.00	36.11 1.86 0.00	48.83 2.52 0.00	57.16 2.87 0.00	161.33 8.60 0.00	39.76 2.04 0.00	30.21 1.45 0.00	32.51 1.68 0.00
BOWLINE___1 23526	21.46 1.43 0.00	22.24 1.32 0.00	21.52 1.28 0.00	21.63 1.27 0.00	23.37 1.32 0.00	31.26 1.95 0.00	61.79 3.91 0.00	32.02 2.14 0.00	25.69 1.71 0.00	23.06 1.44 0.00	25.78 1.65 0.00	29.65 1.68 0.00	29.78 1.44 0.00	25.08 1.16 0.00	24.05 1.21 0.00	22.35 1.19 0.00	23.67 1.38 0.00	36.31 2.06 0.00	49.07 2.75 0.00	57.54 3.24 0.00	160.91 8.18 0.00	39.91 2.18 0.00	30.35 1.59 0.00	32.44 1.61 0.00
BOWLINE___2 23595	21.47 1.43 0.00	22.24 1.32 0.00	21.53 1.28 0.00	21.63 1.27 0.00	23.37 1.32 0.00	31.26 1.95 0.00	61.81 3.92 0.00	32.03 2.15 0.00	25.69 1.71 0.00	23.06 1.44 0.00	25.78 1.65 0.00	29.65 1.69 0.00	29.78 1.44 0.00	25.08 1.16 0.00	24.05 1.21 0.00	22.35 1.19 0.00	23.67 1.38 0.00	36.31 2.06 0.00	49.07 2.76 0.00	57.54 3.24 0.00	160.91 8.18 0.00	39.91 2.18 0.00	30.35 1.59 0.00	32.44 1.61 0.00
BRADY___115KV_TB2 356060	19.91 -0.12 0.00	20.91 -0.01 0.00	20.18 -0.06 0.00	20.25 -0.10 0.00	22.02 -0.03 0.00	29.15 -0.16 0.00	57.65 -0.24 0.00	29.69 -0.18 0.00	23.85 -0.13 0.00	21.59 -0.02 0.00	24.06 -0.08 0.00	28.03 0.07 0.00	28.60 0.26 0.00	24.02 0.10 0.00	22.83 -0.02 0.00	20.97 -0.19 0.00	22.02 -0.27 0.00	34.16 -0.09 0.00	46.30 -0.01 0.00	54.02 -0.27 0.00	151.71 -1.01 0.00	37.50 -0.22 0.00	28.77 0.01 0.00	30.90 0.07 0.00
BRANSCOMB___SOLAR 323811	21.04 1.01 0.00	21.90 0.98 0.00	21.19 0.95 0.00	21.32 0.96 0.00	23.06 1.01 0.00	30.72 1.41 0.00	60.72 2.84 0.00	31.34 1.46 0.00	24.99 1.01 0.00	22.30 0.69 0.00	24.95 0.81 0.00	28.74 0.77 0.00	28.93 0.59 0.00	24.49 0.56 0.00	23.46 0.62 0.00	21.99 0.84 0.00	23.46 1.17 0.00	35.98 1.73 0.00	48.67 2.36 0.00	56.96 2.67 0.00	160.01 7.29 0.00	39.43 1.71 0.00	29.96 1.20 0.00	32.16 1.34 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.12 2.08 0.00	22.93 2.00 0.00	22.11 1.87 0.00	22.20 1.84 0.00	23.96 1.91 0.00	32.11 2.80 0.00	63.50 5.62 0.00	32.99 3.11 0.00	26.55 2.57 0.00	23.75 2.13 0.00	26.55 2.41 0.00	30.43 2.47 0.00	30.46 2.12 0.00	25.79 1.86 0.00	25.28 2.04 -0.39	36.37 2.03 -13.18	62.01 2.31 -37.42	88.05 3.00 -50.80	68.89 3.50 -19.08	88.12 4.69 -29.15	165.08 12.35 0.00	41.17 3.45 0.00	31.37 2.61 0.00	33.76 2.75 -0.19

BRISTLHL_115KV_TB1 79998	19.47 -0.57 0.00	20.30 -0.62 0.00	19.65 -0.59 0.00	19.81 -0.55 0.00	21.46 -0.59 0.00	28.56 -0.75 0.00	56.46 -1.43 0.00	29.19 -0.68 0.00	23.43 -0.54 0.00	21.12 -0.50 0.00	23.52 -0.61 0.00	27.14 -0.82 0.00	27.39 -0.95 0.00	23.11 -0.81 0.00	22.11 -0.73 0.00	20.58 -0.58 0.00	21.79 -0.50 0.00	33.54 -0.71 0.00	45.40 -0.91 0.00	53.31 -0.98 0.00	150.43 -2.29 0.00	37.10 -0.62 0.00	28.19 -0.57 0.00	30.14 -0.68 0.00
BROOKHAVEN___DRP 24191	22.07 2.03 0.00	22.85 1.93 0.00	22.05 1.80 0.00	22.13 1.78 0.00	23.90 1.85 0.00	31.99 2.68 0.00	63.20 5.32 0.00	32.78 2.90 0.00	26.45 2.48 0.00	23.64 2.02 0.00	26.41 2.27 0.00	30.28 2.31 0.00	30.28 1.95 0.00	25.64 1.72 0.00	25.15 1.92 -0.39	36.28 1.94 -13.18	108.26 2.25 -83.73	327.35 3.05 -290.05	158.87 3.63 -108.92	225.32 4.63 -166.39	164.03 11.30 0.00	40.96 3.24 0.00	31.26 2.49 0.00	33.67 2.66 -0.18
BROOKLYN_NAVY_YARD 23515	21.55 1.51 0.00	22.28 1.36 0.00	21.59 1.34 0.00	21.69 1.34 0.00	23.40 1.35 0.00	31.31 2.00 0.00	61.92 4.03 0.00	32.15 2.27 0.00	25.80 1.83 0.00	23.21 1.60 0.00	25.93 1.80 0.00	29.81 1.84 0.00	29.94 1.60 0.00	25.33 1.41 0.00	24.28 1.43 0.00	22.58 1.42 0.00	23.89 1.61 0.00	36.58 2.33 0.00	49.41 3.09 0.00	57.94 3.65 0.00	161.65 8.93 0.00	40.07 2.35 0.00	30.48 1.72 0.00	32.52 1.70 0.00
BROOKLYN___ARMY_DRP 323595	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
BROOKVLE_69_KV_TB1 55790	22.00 1.96 0.00	22.77 1.84 0.00	22.00 1.76 0.00	22.10 1.75 0.00	23.87 1.82 0.00	31.96 2.65 0.00	63.13 5.24 0.00	32.77 2.89 0.00	26.33 2.36 0.00	23.62 2.00 0.00	26.47 2.34 0.00	30.38 2.41 0.00	30.44 2.11 0.00	25.76 1.84 0.00	25.20 1.96 -0.39	36.28 1.94 -13.18	52.04 2.17 -27.58	37.23 2.98 0.00	50.11 3.80 0.00	58.83 4.54 0.00	164.15 11.43 0.00	40.99 3.27 0.00	31.23 2.47 0.00	33.81 2.58 -0.40
BROOME_2_LFGE 323671	20.14 0.10 0.00	21.00 0.07 0.00	20.28 0.04 0.00	20.42 0.06 0.00	22.17 0.12 0.00	29.56 0.25 0.00	58.51 0.63 0.00	31.02 0.45 -0.69	25.26 0.41 -0.88	22.68 0.30 -0.76	24.79 0.31 -0.34	28.33 0.24 -0.12	28.39 0.05 0.00	24.03 0.02 -0.08	22.95 0.11 0.00	21.45 0.25 -0.04	23.07 0.37 -0.41	39.27 0.65 -4.37	53.20 0.95 -5.93	58.00 1.19 -2.51	159.60 3.35 -3.53	39.60 0.77 -1.10	29.96 0.50 -0.71	32.29 0.50 -0.97
BROOME___LFGE 323600	20.14 0.10 0.00	21.00 0.07 0.00	20.28 0.04 0.00	20.42 0.06 0.00	22.17 0.12 0.00	29.56 0.25 0.00	58.51 0.63 0.00	31.02 0.45 -0.69	25.26 0.41 -0.88	22.68 0.30 -0.76	24.79 0.31 -0.34	28.33 0.24 -0.12	28.39 0.05 0.00	24.03 0.02 -0.08	22.95 0.11 0.00	21.45 0.25 -0.04	23.07 0.37 -0.41	39.27 0.65 -4.37	53.20 0.95 -5.93	58.00 1.19 -2.51	159.60 3.35 -3.53	39.60 0.77 -1.10	29.96 0.50 -0.71	32.29 0.50 -0.97
BROWNFLS_115KV_TB 3_5 80003	19.33 -0.71 0.00	20.26 -0.66 0.00	19.64 -0.60 0.00	19.83 -0.53 0.00	21.67 -0.38 0.00	28.92 -0.38 0.00	57.50 -0.39 0.00	29.68 -0.19 0.00	23.84 -0.13 0.00	21.48 -0.14 0.00	23.88 -0.26 0.00	27.64 -0.33 0.00	27.96 -0.37 0.00	23.47 -0.45 0.00	22.25 -0.59 0.00	20.53 -0.63 0.00	21.82 -0.46 0.00	34.28 0.03 0.00	46.51 0.20 0.00	54.03 -0.26 0.00	151.71 -1.02 0.00	37.28 -0.44 0.00	28.51 -0.25 0.00	30.58 -0.25 0.00
BROWNSV1_27_KV_LOAD 356125	21.75 1.72 0.00	22.50 1.57 0.00	21.78 1.54 0.00	21.89 1.53 0.00	23.62 1.57 0.00	31.62 2.32 0.00	62.55 4.67 0.00	32.47 2.59 0.00	26.08 2.11 0.00	23.45 1.84 0.00	26.21 2.08 0.00	30.12 2.16 0.00	30.26 1.92 0.00	25.61 1.69 0.00	24.54 1.70 0.00	22.82 1.66 0.00	24.16 1.87 0.00	36.98 2.73 0.00	49.94 3.63 0.00	58.54 4.24 0.00	163.42 10.70 0.00	40.53 2.80 0.00	30.83 2.07 0.00	32.89 2.06 0.00
BURROWS___LYONSDAL 23803	19.88 -0.16 0.00	20.77 -0.16 0.00	20.23 -0.02 0.00	20.43 0.07 0.00	22.32 0.27 0.00	29.96 0.65 0.00	59.59 1.70 0.00	30.81 0.93 0.00	24.76 0.79 0.00	22.23 0.61 0.00	24.73 0.60 0.00	28.51 0.54 0.00	28.67 0.33 0.00	24.12 0.20 0.00	22.93 0.09 0.00	21.27 0.11 0.00	22.70 0.42 0.00	35.56 1.31 0.00	48.21 1.90 0.00	56.11 1.82 0.00	157.65 4.93 0.00	38.67 0.95 0.00	29.40 0.64 0.00	31.48 0.65 0.00
CAITHNESS_CC_1 323624	22.02 1.98 0.00	22.81 1.88 0.00	22.00 1.76 0.00	22.09 1.74 0.00	23.85 1.80 0.00	31.93 2.62 0.00	63.09 5.20 0.00	32.72 2.85 0.00	26.40 2.43 0.00	23.60 1.98 0.00	26.37 2.23 0.00	30.23 2.26 0.00	30.24 1.90 0.00	25.60 1.67 0.00	25.11 1.87 -0.39	36.24 1.89 -13.18	106.98 2.19 -82.51	320.95 2.97 -283.73	156.38 3.52 -106.55	221.55 4.49 -162.77	163.70 10.97 0.00	40.89 3.16 0.00	31.18 2.42 0.00	33.59 2.58 -0.18
CALPINE BETH_PAGE_GT4 24209	21.86 1.82 0.00	22.64 1.72 0.00	21.86 1.62 0.00	21.96 1.61 0.00	23.70 1.65 0.00	31.64 2.33 0.00	62.54 4.65 0.00	32.47 2.59 0.00	26.09 2.12 0.00	23.40 1.78 0.00	26.27 2.14 0.00	30.14 2.17 0.00	30.20 1.87 0.00	25.56 1.64 0.00	25.02 1.78 -0.39	36.11 1.77 -13.18	51.81 1.94 -27.58	36.99 2.74 0.00	49.73 3.42 0.00	58.39 4.09 0.00	162.63 9.91 0.00	40.58 2.86 0.00	30.94 2.18 0.00	33.49 2.37 -0.30
CALPINE_BETH_PAGE_GT_4 323586	21.87 1.83 0.00	22.64 1.72 0.00	21.86 1.62 0.00	21.96 1.61 0.00	23.70 1.66 0.00	31.64 2.33 0.00	62.54 4.66 0.00	32.47 2.59 0.00	26.09 2.12 0.00	23.40 1.78 0.00	26.28 2.14 0.00	30.13 2.17 0.00	30.20 1.87 0.00	25.56 1.64 0.00	25.02 1.78 -0.39	36.11 1.77 -13.18	51.81 1.94 -27.58	37.00 2.74 0.00	49.73 3.41 0.00	58.38 4.09 0.00	162.63 9.90 0.00	40.58 2.86 0.00	30.94 2.18 0.00	33.50 2.37 -0.30
CALPINE_BP_GT1 23823	21.87 1.83 0.00	22.64 1.72 0.00	21.86 1.62 0.00	21.96 1.61 0.00	23.70 1.66 0.00	31.64 2.33 0.00	62.54 4.66 0.00	32.47 2.59 0.00	26.09 2.12 0.00	23.40 1.78 0.00	26.28 2.14 0.00	30.13 2.17 0.00	30.20 1.87 0.00	25.56 1.64 0.00	25.02 1.78 -0.39	36.11 1.77 -13.18	51.81 1.94 -27.58	37.00 2.74 0.00	49.73 3.41 0.00	58.38 4.09 0.00	162.63 9.90 0.00	40.58 2.86 0.00	30.94 2.18 0.00	33.50 2.37 -0.30
CALSPAN___DRP 24200	19.11 -0.93 0.00	20.07 -0.85 0.00	19.49 -0.75 0.00	19.71 -0.65 0.00	21.47 -0.58 0.00	28.45 -0.86 0.00	55.71 -2.18 0.00	28.64 -1.23 0.00	23.08 -0.89 0.00	20.89 -0.72 0.00	23.36 -0.77 0.00	26.86 -1.11 0.00	27.03 -1.31 0.00	22.67 -1.25 0.00	21.82 -1.02 0.00	20.35 -0.81 0.00	21.52 -0.77 0.00	33.07 -1.18 0.00	44.78 -1.54 0.00	52.10 -2.19 0.00	146.69 -6.03 0.00	36.19 -1.53 0.00	27.55 -1.21 0.00	29.80 -1.03 0.00

CALVERTON___SOLAR 323806	22.12 2.08 0.00	22.91 1.99 0.00	22.10 1.86 0.00	22.19 1.84 0.00	23.96 1.91 0.00	32.07 2.76 0.00	63.36 5.48 0.00	32.85 2.97 0.00	26.51 2.54 0.00	23.69 2.07 0.00	26.45 2.32 0.00	30.33 2.36 0.00	30.33 2.00 0.00	25.68 1.76 0.00	25.20 1.96 -0.39	36.33 1.99 -13.18	108.87 2.32 -84.27	330.23 3.16 -292.82	160.06 3.78 -109.96	227.08 4.80 -167.99	164.46 11.73 0.00	41.07 3.34 0.00	31.33 2.57 0.00	33.75 2.75 -0.18
CANDIGU_WT_PWR 323617	19.52 -0.51 0.00	20.47 -0.45 0.00	19.70 -0.54 0.00	19.89 -0.46 0.00	21.86 -0.19 0.00	29.34 0.03 0.00	58.63 0.75 0.00	31.75 0.62 -1.26	26.19 0.62 -1.59	23.43 0.43 -1.39	25.17 0.40 -0.63	28.53 0.34 -0.23	28.41 0.08 0.00	24.10 0.04 -0.14	22.98 0.14 0.00	21.51 0.29 -0.06	23.37 0.42 -0.66	42.10 0.84 -7.01	57.20 1.36 -9.53	60.02 1.69 -4.04	163.15 4.72 -5.70	40.54 1.04 -1.78	30.55 0.65 -1.14	33.03 0.64 -1.56
CARR STREET_E_SYR 24060	19.66 -0.37 0.00	20.51 -0.42 0.00	19.86 -0.38 0.00	19.99 -0.36 0.00	21.67 -0.38 0.00	28.84 -0.47 0.00	57.01 -0.87 0.00	29.48 -0.40 0.00	23.67 -0.31 0.00	21.31 -0.30 0.00	23.76 -0.38 0.00	27.42 -0.54 0.00	27.66 -0.67 0.00	23.34 -0.58 0.00	22.34 -0.50 0.00	20.80 -0.35 0.00	22.01 -0.28 0.00	33.77 -0.48 0.00	45.70 -0.61 0.00	53.65 -0.64 0.00	151.33 -1.40 0.00	37.35 -0.37 0.00	28.38 -0.38 0.00	30.36 -0.47 0.00
CARTHAGE___PAPER 23857	19.43 -0.61 0.00	20.33 -0.60 0.00	19.81 -0.43 0.00	20.12 -0.23 0.00	22.09 0.04 0.00	29.75 0.44 0.00	59.34 1.46 0.00	30.69 0.81 0.00	24.60 0.63 0.00	22.02 0.41 0.00	24.41 0.28 0.00	28.06 0.10 0.00	28.20 -0.14 0.00	23.63 -0.29 0.00	22.35 -0.49 0.00	20.70 -0.46 0.00	22.26 -0.03 0.00	35.49 1.24 0.00	48.26 1.95 0.00	55.86 1.57 0.00	156.87 4.15 0.00	38.37 0.65 0.00	29.17 0.41 0.00	31.22 0.40 0.00
CASSADAGA_WT_PWR 323784	19.31 -0.73 0.00	20.35 -0.57 0.00	20.03 -0.21 0.00	20.29 -0.06 0.00	22.18 0.13 0.00	29.63 0.32 0.00	58.38 0.49 0.00	27.98 0.20 2.11	21.54 0.24 2.68	19.52 0.23 2.33	23.42 0.34 1.05	27.80 0.22 0.38	28.25 -0.09 0.00	23.39 -0.29 0.24	22.69 -0.15 0.00	21.06 0.01 0.11	21.20 0.08 1.17	22.01 0.27 12.50	29.88 0.55 16.99	47.56 0.45 7.19	144.03 1.32 10.01	34.82 0.22 3.12	26.85 0.09 2.00	28.31 0.22 2.74
CE_DUNWOOD___DRP 24194	21.47 1.44 0.00	22.25 1.32 0.00	21.53 1.29 0.00	21.63 1.28 0.00	23.37 1.32 0.00	31.26 1.95 0.00	61.83 3.95 0.00	32.04 2.16 0.00	25.70 1.72 0.00	23.08 1.47 0.00	25.80 1.67 0.00	29.66 1.70 0.00	29.80 1.46 0.00	25.20 1.28 0.00	24.17 1.33 0.00	22.49 1.33 0.00	23.80 1.51 0.00	36.49 2.24 0.00	49.29 2.98 0.00	57.78 3.49 0.00	161.52 8.80 0.00	40.04 2.32 0.00	30.45 1.69 0.00	32.54 1.71 0.00
CE_MILLWOOD___DRP 24193	21.44 1.40 0.00	22.22 1.29 0.00	21.50 1.26 0.00	21.60 1.25 0.00	23.34 1.29 0.00	31.22 1.91 0.00	61.74 3.85 0.00	31.99 2.11 0.00	25.65 1.68 0.00	23.03 1.41 0.00	25.75 1.62 0.00	29.61 1.64 0.00	29.74 1.40 0.00	25.15 1.23 0.00	24.12 1.28 0.00	22.45 1.29 0.00	23.75 1.47 0.00	36.42 2.17 0.00	49.21 2.90 0.00	57.69 3.41 0.00	161.34 8.62 0.00	39.99 2.27 0.00	30.41 1.65 0.00	32.50 1.68 0.00
CE_NYC2_DRP 24202	21.59 1.55 0.00	22.32 1.40 0.00	21.64 1.39 0.00	21.71 1.36 0.00	23.44 1.39 0.00	31.36 2.05 0.00	62.07 4.19 0.00	32.23 2.35 0.00	25.89 1.91 0.00	23.27 1.66 0.00	26.00 1.86 0.00	29.86 1.90 0.00	30.00 1.67 0.00	25.41 1.48 0.00	24.34 1.50 0.00	22.64 1.48 0.00	23.95 1.66 0.00	36.65 2.40 0.00	49.49 3.18 0.00	58.05 3.76 0.00	162.05 9.33 0.00	40.21 2.49 0.00	30.59 1.83 0.00	32.64 1.81 0.00
CE_NYC_DRP 24195	21.55 1.51 0.00	22.29 1.37 0.00	21.59 1.34 0.00	21.70 1.34 0.00	23.41 1.36 0.00	31.33 2.02 0.00	61.97 4.09 0.00	32.17 2.29 0.00	25.83 1.85 0.00	23.23 1.61 0.00	25.96 1.82 0.00	29.83 1.86 0.00	29.96 1.63 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.41 3.10 0.00	57.94 3.64 0.00	161.71 8.98 0.00	40.10 2.38 0.00	30.51 1.75 0.00	32.56 1.73 0.00
CHAFFEE___LFGE 323603	19.22 -0.81 0.00	20.17 -0.75 0.00	19.59 -0.65 0.00	19.78 -0.57 0.00	21.57 -0.48 0.00	28.59 -0.72 0.00	55.99 -1.89 0.00	26.75 -1.08 2.05	20.62 -0.76 2.60	18.74 -0.61 2.26	22.46 -0.65 1.02	26.63 -0.96 0.37	27.16 -1.17 0.00	22.53 -1.16 0.23	21.91 -0.93 0.00	20.32 -0.73 0.11	20.46 -0.69 1.14	21.08 -1.01 12.16	28.53 -1.26 16.52	45.39 -1.91 6.99	137.74 -5.25 9.73	33.37 -1.32 3.04	25.76 -1.05 1.94	27.25 -0.92 2.66
CHATEAUG_35_KV_LOAD 355732	19.84 -0.19 0.00	20.73 -0.19 0.00	19.76 -0.48 0.00	19.81 -0.54 0.00	21.57 -0.48 0.00	28.63 -0.68 0.00	57.06 -0.82 0.00	29.36 -0.52 0.00	23.65 -0.33 0.00	21.48 -0.13 0.00	23.94 -0.20 0.00	27.79 -0.17 0.00	28.39 0.06 0.00	23.89 -0.03 0.00	22.74 -0.10 0.00	20.98 -0.18 0.00	22.09 -0.20 0.00	34.17 -0.08 0.00	46.24 -0.07 0.00	53.88 -0.41 0.00	150.66 -2.06 0.00	37.18 -0.54 0.00	28.75 -0.01 0.00	31.00 0.17 0.00
CHATEAUG_WT_PWR 323614	19.79 -0.25 0.00	20.66 -0.26 0.00	19.64 -0.60 0.00	19.68 -0.68 0.00	21.44 -0.61 0.00	28.48 -0.83 0.00	56.83 -1.05 0.00	29.27 -0.61 0.00	23.57 -0.40 0.00	21.45 -0.17 0.00	23.90 -0.24 0.00	27.71 -0.25 0.00	28.30 -0.04 0.00	23.84 -0.08 0.00	22.71 -0.13 0.00	20.96 -0.20 0.00	22.08 -0.20 0.00	34.13 -0.12 0.00	46.15 -0.16 0.00	53.84 -0.45 0.00	150.46 -2.26 0.00	37.07 -0.65 0.00	28.71 -0.05 0.00	30.99 0.16 0.00
CHAT_HIGH_FALL_HYD 323578	19.84 -0.19 0.00	20.73 -0.19 0.00	19.76 -0.48 0.00	19.81 -0.54 0.00	21.57 -0.48 0.00	28.63 -0.68 0.00	57.06 -0.82 0.00	29.36 -0.52 0.00	23.65 -0.33 0.00	21.48 -0.13 0.00	23.94 -0.20 0.00	27.79 -0.17 0.00	28.39 0.06 0.00	23.89 -0.03 0.00	22.74 -0.10 0.00	20.98 -0.18 0.00	22.09 -0.20 0.00	34.17 -0.08 0.00	46.24 -0.07 0.00	53.88 -0.41 0.00	150.66 -2.06 0.00	37.18 -0.54 0.00	28.75 -0.01 0.00	31.00 0.17 0.00
CHAUTAUQUA___LFGE 323629	19.21 -0.82 0.00	20.19 -0.73 0.00	19.73 -0.52 0.00	19.96 -0.40 0.00	21.80 -0.25 0.00	29.05 -0.26 0.00	57.09 -0.80 0.00	27.31 -0.50 2.08	21.00 -0.34 2.64	19.02 -0.30 2.29	22.84 -0.26 1.04	27.12 -0.47 0.38	27.57 -0.76 0.00	22.86 -0.83 0.24	22.22 -0.62 0.00	20.61 -0.44 0.11	20.72 -0.42 1.16	21.42 -0.51 12.31	29.07 -0.51 16.73	46.42 -0.79 7.08	140.77 -2.10 9.85	34.02 -0.63 3.08	26.23 -0.57 1.97	27.66 -0.47 2.69
CHERRYST_13_KV_LD 356241	21.60 1.57 0.00	22.34 1.42 0.00	21.64 1.39 0.00	21.75 1.40 0.00	23.48 1.43 0.00	31.42 2.11 0.00	62.14 4.26 0.00	32.26 2.38 0.00	25.90 1.93 0.00	23.29 1.68 0.00	26.03 1.90 0.00	29.92 1.96 0.00	30.05 1.72 0.00	25.43 1.50 0.00	24.37 1.53 0.00	22.67 1.51 0.00	23.98 1.69 0.00	36.71 2.46 0.00	49.55 3.24 0.00	58.10 3.81 0.00	162.16 9.44 0.00	40.20 2.48 0.00	30.60 1.84 0.00	32.64 1.81 0.00

CHESTROR_138KV_BK263 355645	21.16 1.13 0.00	21.95 1.03 0.00	21.24 1.00 0.00	21.35 0.99 0.00	23.09 1.04 0.00	30.87 1.56 0.00	61.06 3.18 0.00	31.61 1.73 0.00	25.31 1.34 0.00	22.70 1.09 0.00	25.38 1.24 0.00	29.20 1.23 0.00	29.35 1.01 0.00	24.92 1.00 0.00	23.88 1.04 0.00	22.21 1.05 0.00	23.51 1.22 0.00	36.12 1.87 0.00	48.83 2.52 0.00	57.26 2.96 0.00	160.26 7.53 0.00	39.70 1.98 0.00	30.19 1.43 0.00	32.27 1.44 0.00
CH_MIDHUDSON___DRP 24192	21.42 1.39 0.00	22.21 1.28 0.00	21.49 1.25 0.00	21.60 1.24 0.00	23.35 1.30 0.00	31.23 1.92 0.00	61.75 3.87 0.00	31.97 2.09 0.00	25.63 1.66 0.00	22.99 1.38 0.00	25.70 1.56 0.00	29.55 1.58 0.00	29.68 1.34 0.00	25.12 1.20 0.00	24.11 1.26 0.00	22.46 1.30 0.00	23.79 1.50 0.00	36.52 2.27 0.00	49.37 3.05 0.00	57.85 3.56 0.00	161.86 9.14 0.00	40.06 2.34 0.00	30.45 1.69 0.00	32.55 1.73 0.00
CH_MISC_IPPS 23765	21.52 1.48 0.00	22.31 1.38 0.00	21.59 1.34 0.00	21.70 1.34 0.00	23.46 1.41 0.00	31.38 2.07 0.00	62.08 4.19 0.00	32.14 2.27 0.00	25.76 1.78 0.00	23.10 1.48 0.00	25.81 1.68 0.00	29.68 1.71 0.00	29.80 1.47 0.00	25.24 1.32 0.00	24.22 1.38 0.00	22.57 1.41 0.00	23.92 1.63 0.00	36.76 2.51 0.00	49.69 3.37 0.00	58.23 3.94 0.00	162.98 10.26 0.00	40.33 2.61 0.00	30.64 1.88 0.00	32.75 1.93 0.00
CH_RES_BVR_FALLS 23983	19.46 -0.58 0.00	20.41 -0.51 0.00	19.78 -0.47 0.00	19.89 -0.47 0.00	21.62 -0.43 0.00	28.91 -0.39 0.00	57.15 -0.74 0.00	29.47 -0.41 0.00	23.67 -0.30 0.00	21.42 -0.19 0.00	23.93 -0.21 0.00	27.81 -0.15 0.00	28.28 -0.06 0.00	23.81 -0.12 0.00	22.64 -0.20 0.00	20.88 -0.28 0.00	21.95 -0.34 0.00	33.85 -0.40 0.00	45.83 -0.49 0.00	53.49 -0.80 0.00	150.30 -2.43 0.00	37.01 -0.71 0.00	28.28 -0.49 0.00	30.30 -0.52 0.00
CH_RES_NIAGARA 23895	18.52 -1.52 0.00	19.44 -1.48 0.00	18.88 -1.37 0.00	19.01 -1.34 0.00	20.70 -1.35 0.00	27.36 -1.95 0.00	53.12 -4.76 0.00	25.59 -2.60 1.69	19.92 -1.92 2.14	18.12 -1.64 1.86	21.43 -1.86 0.84	25.28 -2.38 0.31	25.71 -2.63 0.00	21.36 -2.37 0.19	20.74 -2.10 0.00	19.26 -1.81 0.09	19.57 -1.78 0.94	21.71 -2.54 10.00	29.27 -3.46 13.59	43.79 -4.75 5.75	131.27 -13.48 7.98	31.98 -3.26 2.49	24.72 -2.45 1.59	26.38 -2.27 2.18
CH_RES_SYRACUSE 23985	19.81 -0.22 0.00	20.67 -0.25 0.00	20.00 -0.24 0.00	20.16 -0.19 0.00	21.84 -0.21 0.00	29.08 -0.23 0.00	57.47 -0.41 0.00	29.72 -0.16 0.00	23.83 -0.14 0.00	21.46 -0.16 0.00	23.91 -0.23 0.00	27.59 -0.38 0.00	27.84 -0.49 0.00	23.50 -0.42 0.00	22.49 -0.35 0.00	20.94 -0.22 0.00	22.18 -0.11 0.00	34.13 -0.12 0.00	46.17 -0.14 0.00	54.22 -0.07 0.00	153.00 0.28 0.00	37.71 -0.02 0.00	28.66 -0.10 0.00	30.64 -0.19 0.00
CLINTON_WT_PWR 323605	19.79 -0.25 0.00	20.66 -0.26 0.00	19.64 -0.60 0.00	19.68 -0.68 0.00	21.44 -0.61 0.00	28.48 -0.83 0.00	56.83 -1.05 0.00	29.27 -0.61 0.00	23.57 -0.40 0.00	21.45 -0.17 0.00	23.90 -0.24 0.00	27.71 -0.25 0.00	28.30 -0.04 0.00	23.84 -0.08 0.00	22.71 -0.13 0.00	20.96 -0.20 0.00	22.08 -0.20 0.00	34.13 -0.12 0.00	46.15 -0.16 0.00	53.84 -0.45 0.00	150.46 -2.26 0.00	37.07 -0.65 0.00	28.71 -0.05 0.00	30.99 0.16 0.00
CLINTON___LFGE 323618	20.17 0.14 0.00	21.04 0.11 0.00	20.02 -0.22 0.00	20.06 -0.29 0.00	21.84 -0.21 0.00	29.00 -0.30 0.00	57.93 0.05 0.00	29.89 0.01 0.00	24.05 0.08 0.00	21.93 0.31 0.00	24.46 0.32 0.00	28.29 0.32 0.00	28.83 0.50 0.00	24.31 0.39 0.00	23.17 0.33 0.00	21.39 0.23 0.00	22.56 0.27 0.00	34.88 0.63 0.00	47.22 0.91 0.00	55.16 0.86 0.00	153.94 1.21 0.00	37.85 0.13 0.00	29.34 0.58 0.00	31.67 0.84 0.00
COBBLENY_34_KV_TB1 80064	19.22 -0.82 0.00	20.16 -0.76 0.00	19.59 -0.65 0.00	19.80 -0.56 0.00	21.57 -0.49 0.00	28.59 -0.72 0.00	55.99 -1.89 0.00	28.80 -1.08 0.00	23.22 -0.76 0.00	21.01 -0.60 0.00	23.50 -0.64 0.00	27.00 -0.97 0.00	27.16 -1.18 0.00	22.77 -1.15 0.00	21.91 -0.93 0.00	20.43 -0.73 0.00	21.61 -0.68 0.00	33.23 -1.02 0.00	45.01 -1.30 0.00	52.38 -1.91 0.00	147.51 -5.21 0.00	36.39 -1.33 0.00	27.70 -1.06 0.00	29.94 -0.89 0.00
COFFEEN___115KV_TB3 355620	19.44 -0.59 0.00	20.32 -0.61 0.00	19.81 -0.43 0.00	20.16 -0.19 0.00	22.13 0.09 0.00	29.87 0.56 0.00	59.67 1.78 0.00	30.88 1.00 0.00	24.68 0.71 0.00	22.00 0.38 0.00	24.30 0.17 0.00	27.88 -0.09 0.00	27.97 -0.37 0.00	23.43 -0.50 0.00	22.16 -0.69 0.00	20.54 -0.62 0.00	22.19 -0.10 0.00	35.63 1.38 0.00	48.58 2.26 0.00	56.27 1.98 0.00	158.05 5.33 0.00	38.62 0.90 0.00	29.29 0.54 0.00	31.31 0.49 0.00
COLDSPRG_115KV_BK1 355956	19.99 -0.05 0.00	21.00 0.08 0.00	20.45 0.20 0.00	20.67 0.32 0.00	22.52 0.47 0.00	29.99 0.68 0.00	59.11 1.23 0.00	30.51 0.63 0.00	24.58 0.61 0.00	22.19 0.57 0.00	24.88 0.75 0.00	28.68 0.71 0.00	28.80 0.46 0.00	24.12 0.20 0.00	23.17 0.32 0.00	21.59 0.43 0.00	22.82 0.53 0.00	35.04 0.79 0.00	47.51 1.19 0.00	55.47 1.18 0.00	156.12 3.40 0.00	38.53 0.81 0.00	29.37 0.61 0.00	31.65 0.83 0.00
COLONIE_LFGE___ 323577	20.99 0.96 0.00	21.86 0.94 0.00	21.16 0.92 0.00	21.29 0.93 0.00	23.02 0.97 0.00	30.64 1.33 0.00	60.47 2.59 0.00	31.21 1.33 0.00	24.98 1.00 0.00	22.36 0.74 0.00	25.04 0.91 0.00	28.83 0.87 0.00	29.04 0.71 0.00	24.60 0.67 0.00	23.55 0.71 0.00	22.01 0.85 0.00	23.33 1.04 0.00	35.69 1.44 0.00	48.28 1.97 0.00	56.51 2.22 0.00	158.95 6.23 0.00	39.19 1.47 0.00	29.79 1.03 0.00	31.98 1.16 0.00
COOPERNY_115KV_TB1 80082	20.89 0.85 0.00	21.70 0.78 0.00	20.99 0.75 0.00	21.10 0.75 0.00	22.84 0.79 0.00	30.51 1.20 0.00	60.33 2.44 0.00	31.22 1.34 0.00	25.02 1.05 0.00	22.47 0.85 0.00	25.10 0.97 0.00	28.91 0.94 0.00	29.09 0.76 0.00	24.66 0.74 0.00	23.61 0.76 0.00	21.94 0.78 0.00	23.22 0.93 0.00	35.67 1.42 0.00	48.22 1.91 0.00	56.56 2.27 0.00	158.55 5.82 0.00	39.24 1.52 0.00	29.86 1.10 0.00	31.93 1.10 0.00
COPENHAGEN_WT_PWR 323753	19.02 -1.02 0.00	19.88 -1.05 0.00	19.43 -0.81 0.00	19.81 -0.54 0.00	21.78 -0.27 0.00	29.44 0.13 0.00	58.72 0.83 0.00	30.38 0.51 0.00	24.38 0.40 0.00	21.81 0.19 0.00	24.14 0.00 0.00	27.70 -0.26 0.00	27.81 -0.53 0.00	23.28 -0.64 0.00	21.98 -0.86 0.00	20.38 -0.78 0.00	21.97 -0.32 0.00	35.12 0.87 0.00	47.78 1.47 0.00	55.22 0.92 0.00	155.13 2.40 0.00	37.86 0.14 0.00	28.75 -0.01 0.00	30.74 -0.08 0.00
CORNELL_____ 23752	20.35 0.32 0.00	21.24 0.31 0.00	20.52 0.28 0.00	20.69 0.33 0.00	22.47 0.41 0.00	29.95 0.64 0.00	59.45 1.56 0.00	30.81 0.93 0.00	24.75 0.78 0.00	22.21 0.59 0.00	24.74 0.61 0.00	28.42 0.46 0.00	28.62 0.28 0.00	24.12 0.20 0.00	23.10 0.26 0.00	21.51 0.35 0.00	22.88 0.59 0.00	35.39 1.14 0.00	48.03 1.72 0.00	56.36 2.07 0.00	158.64 5.92 0.00	39.09 1.36 0.00	29.67 0.91 0.00	31.74 0.91 0.00

CORONA_69_KV_TB1 355595	21.89 1.85 0.00	22.67 1.74 0.00	21.90 1.66 0.00	21.99 1.63 0.00	23.75 1.70 0.00	31.79 2.48 0.00	62.72 4.84 0.00	32.56 2.68 0.00	26.16 2.19 0.00	23.48 1.86 0.00	26.32 2.19 0.00	30.22 2.25 0.00	30.30 1.96 0.00	25.64 1.71 0.00	25.05 1.82 -0.39	36.14 1.80 -13.18	51.87 2.00 -27.58	37.11 2.86 0.00	49.97 3.65 0.00	58.61 4.32 0.00	163.37 10.64 0.00	40.75 3.02 0.00	31.05 2.29 0.00	34.05 2.39 -0.84
CORTLAND_115KV_TB3 80093	20.20 0.16 0.00	21.06 0.14 0.00	20.37 0.13 0.00	20.51 0.16 0.00	22.26 0.21 0.00	29.68 0.37 0.00	58.81 0.92 0.00	30.46 0.58 0.00	24.45 0.48 0.00	21.95 0.33 0.00	24.45 0.31 0.00	28.16 0.20 0.00	28.37 0.04 0.00	23.94 0.02 0.00	22.94 0.10 0.00	21.36 0.20 0.00	22.64 0.35 0.00	34.97 0.72 0.00	47.41 1.10 0.00	55.65 1.36 0.00	156.65 3.93 0.00	38.61 0.88 0.00	29.33 0.57 0.00	31.38 0.56 0.00
COXSACKIE___GT 23611	21.80 1.76 0.00	22.72 1.80 0.00	21.96 1.72 0.00	22.10 1.75 0.00	23.95 1.90 0.00	31.89 2.58 0.00	63.15 5.27 0.00	32.64 2.76 0.00	25.95 1.97 0.00	22.87 1.26 0.00	25.40 1.26 0.00	29.24 1.28 0.00	29.48 1.14 0.00	24.85 0.93 0.00	23.90 1.05 0.00	22.47 1.31 0.00	24.22 1.93 0.00	37.68 3.43 0.00	51.28 4.97 0.00	59.79 5.50 0.00	167.98 15.26 0.00	41.23 3.51 0.00	31.27 2.51 0.00	33.46 2.64 0.00
CPV_VALLEY___CC1 323721	20.98 0.95 0.00	21.78 0.86 0.00	21.07 0.83 0.00	21.18 0.83 0.00	22.91 0.85 0.00	30.62 1.31 0.00	60.55 2.67 0.00	31.35 1.47 0.00	25.11 1.14 0.00	22.53 0.92 0.00	25.20 1.07 0.00	29.00 1.03 0.00	29.16 0.82 0.00	24.74 0.81 0.00	23.70 0.86 0.00	22.04 0.88 0.00	23.32 1.03 0.00	35.79 1.54 0.00	48.39 2.07 0.00	56.74 2.44 0.00	158.87 6.15 0.00	39.35 1.63 0.00	29.93 1.17 0.00	32.00 1.17 0.00
CPV_VALLEY___CC2 323722	20.98 0.95 0.00	21.78 0.86 0.00	21.07 0.83 0.00	21.18 0.83 0.00	22.91 0.85 0.00	30.62 1.31 0.00	60.55 2.67 0.00	31.35 1.47 0.00	25.11 1.14 0.00	22.53 0.92 0.00	25.20 1.07 0.00	29.00 1.03 0.00	29.16 0.82 0.00	24.74 0.81 0.00	23.70 0.86 0.00	22.04 0.88 0.00	23.32 1.03 0.00	35.79 1.54 0.00	48.39 2.07 0.00	56.74 2.44 0.00	158.87 6.15 0.00	39.35 1.63 0.00	29.93 1.17 0.00	32.00 1.17 0.00
CRESCENT___HYD 24018	20.99 0.96 0.00	21.86 0.94 0.00	21.16 0.92 0.00	21.29 0.93 0.00	23.02 0.97 0.00	30.64 1.33 0.00	60.47 2.59 0.00	31.21 1.33 0.00	24.98 1.00 0.00	22.36 0.74 0.00	25.04 0.91 0.00	28.83 0.87 0.00	29.04 0.71 0.00	24.60 0.67 0.00	23.55 0.71 0.00	22.01 0.85 0.00	23.33 1.04 0.00	35.69 1.44 0.00	48.28 1.97 0.00	56.51 2.22 0.00	158.95 6.23 0.00	39.19 1.47 0.00	29.79 1.03 0.00	31.98 1.16 0.00
CRICKET___VALLEY_CC1 323756	21.26 1.23 0.00	22.06 1.13 0.00	21.33 1.09 0.00	21.44 1.08 0.00	23.18 1.13 0.00	30.99 1.67 0.00	61.22 3.34 0.00	31.66 1.78 0.00	25.40 1.43 0.00	22.77 1.16 0.00	25.47 1.34 0.00	29.27 1.30 0.00	29.40 1.06 0.00	24.93 1.01 0.00	23.92 1.07 0.00	22.31 1.15 0.00	23.59 1.31 0.00	36.18 1.93 0.00	48.92 2.61 0.00	57.28 2.99 0.00	160.23 7.50 0.00	39.63 1.91 0.00	30.11 1.35 0.00	32.25 1.42 0.00
CRICKET___VALLEY_CC2 323757	21.26 1.23 0.00	22.06 1.13 0.00	21.33 1.09 0.00	21.44 1.08 0.00	23.18 1.13 0.00	30.99 1.67 0.00	61.22 3.34 0.00	31.66 1.78 0.00	25.40 1.43 0.00	22.77 1.16 0.00	25.47 1.34 0.00	29.27 1.30 0.00	29.40 1.06 0.00	24.93 1.01 0.00	23.92 1.07 0.00	22.31 1.15 0.00	23.59 1.31 0.00	36.18 1.93 0.00	48.92 2.61 0.00	57.28 2.99 0.00	160.23 7.50 0.00	39.63 1.91 0.00	30.11 1.35 0.00	32.25 1.42 0.00
CRICKET___VALLEY_CC3 323758	21.26 1.23 0.00	22.06 1.13 0.00	21.33 1.09 0.00	21.44 1.08 0.00	23.18 1.13 0.00	30.99 1.67 0.00	61.22 3.34 0.00	31.66 1.78 0.00	25.40 1.43 0.00	22.77 1.16 0.00	25.47 1.34 0.00	29.27 1.30 0.00	29.40 1.06 0.00	24.93 1.01 0.00	23.92 1.07 0.00	22.31 1.15 0.00	23.59 1.31 0.00	36.18 1.93 0.00	48.92 2.61 0.00	57.28 2.99 0.00	160.23 7.50 0.00	39.63 1.91 0.00	30.11 1.35 0.00	32.25 1.42 0.00
CRUCIBLE_METL_DRP 24180	19.81 -0.22 0.00	20.67 -0.25 0.00	20.00 -0.24 0.00	20.16 -0.19 0.00	21.84 -0.21 0.00	29.08 -0.23 0.00	57.47 -0.41 0.00	29.71 -0.16 0.00	23.83 -0.14 0.00	21.46 -0.16 0.00	23.91 -0.23 0.00	27.59 -0.38 0.00	27.84 -0.49 0.00	23.50 -0.42 0.00	22.49 -0.35 0.00	20.94 -0.22 0.00	22.18 -0.11 0.00	34.13 -0.12 0.00	46.17 -0.14 0.00	54.24 -0.05 0.00	153.00 0.28 0.00	37.71 -0.02 0.00	28.66 -0.10 0.00	30.64 -0.18 0.00
DAHOWA___HYDRO 323763	21.06 1.02 0.00	21.91 0.99 0.00	21.19 0.95 0.00	21.32 0.97 0.00	23.07 1.02 0.00	30.75 1.43 0.00	60.77 2.88 0.00	31.37 1.49 0.00	25.01 1.04 0.00	22.32 0.71 0.00	24.97 0.83 0.00	28.76 0.80 0.00	28.93 0.60 0.00	24.49 0.56 0.00	23.48 0.63 0.00	22.03 0.87 0.00	23.52 1.23 0.00	36.05 1.80 0.00	48.76 2.45 0.00	57.06 2.77 0.00	160.25 7.52 0.00	39.50 1.77 0.00	29.99 1.23 0.00	32.19 1.37 0.00
DANC___LFGE 323619	19.21 -0.83 0.00	20.06 -0.87 0.00	19.53 -0.71 0.00	19.82 -0.54 0.00	21.67 -0.39 0.00	29.11 -0.19 0.00	57.86 -0.03 0.00	29.93 0.05 0.00	24.00 0.03 0.00	21.52 -0.10 0.00	23.88 -0.26 0.00	27.45 -0.51 0.00	27.61 -0.73 0.00	23.18 -0.75 0.00	21.99 -0.85 0.00	20.41 -0.75 0.00	21.86 -0.43 0.00	34.47 0.22 0.00	46.82 0.51 0.00	54.43 0.14 0.00	153.20 0.48 0.00	37.57 -0.16 0.00	28.54 -0.21 0.00	30.52 -0.31 0.00
DANSKAMMER___1 23586	21.52 1.48 0.00	22.31 1.38 0.00	21.59 1.34 0.00	21.70 1.34 0.00	23.46 1.41 0.00	31.38 2.07 0.00	62.08 4.19 0.00	32.14 2.27 0.00	25.76 1.78 0.00	23.10 1.48 0.00	25.81 1.68 0.00	29.68 1.71 0.00	29.80 1.47 0.00	25.24 1.32 0.00	24.22 1.38 0.00	22.57 1.41 0.00	23.92 1.63 0.00	36.76 2.51 0.00	49.69 3.37 0.00	58.23 3.94 0.00	162.98 10.26 0.00	40.33 2.61 0.00	30.64 1.88 0.00	32.75 1.93 0.00
DANSKAMMER___2 23589	21.52 1.48 0.00	22.31 1.38 0.00	21.59 1.34 0.00	21.70 1.34 0.00	23.46 1.41 0.00	31.38 2.07 0.00	62.08 4.19 0.00	32.14 2.27 0.00	25.76 1.78 0.00	23.10 1.48 0.00	25.81 1.68 0.00	29.68 1.71 0.00	29.80 1.47 0.00	25.24 1.32 0.00	24.22 1.38 0.00	22.57 1.41 0.00	23.92 1.63 0.00	36.76 2.51 0.00	49.69 3.37 0.00	58.23 3.94 0.00	162.98 10.26 0.00	40.33 2.61 0.00	30.64 1.88 0.00	32.75 1.93 0.00
DANSKAMMER___3 23590	21.52 1.48 0.00	22.31 1.38 0.00	21.59 1.34 0.00	21.70 1.34 0.00	23.46 1.41 0.00	31.38 2.07 0.00	62.08 4.19 0.00	32.14 2.27 0.00	25.76 1.78 0.00	23.10 1.48 0.00	25.81 1.68 0.00	29.68 1.71 0.00	29.80 1.47 0.00	25.24 1.32 0.00	24.22 1.38 0.00	22.57 1.41 0.00	23.92 1.63 0.00	36.76 2.51 0.00	49.69 3.37 0.00	58.23 3.94 0.00	162.98 10.26 0.00	40.33 2.61 0.00	30.64 1.88 0.00	32.75 1.93 0.00

DANSKAMMER___4 23591	21.52 1.48 0.00	22.31 1.38 0.00	21.59 1.34 0.00	21.70 1.34 0.00	23.46 1.41 0.00	31.38 2.07 0.00	62.08 4.19 0.00	32.14 2.27 0.00	25.76 1.78 0.00	23.10 1.48 0.00	25.81 1.68 0.00	29.68 1.71 0.00	29.80 1.47 0.00	25.24 1.32 0.00	24.22 1.38 0.00	22.57 1.41 0.00	23.92 1.63 0.00	36.76 2.51 0.00	49.69 3.37 0.00	58.23 3.94 0.00	162.98 10.26 0.00	40.33 2.61 0.00	30.64 1.88 0.00	32.75 1.93 0.00
DANSKAMMER___DIESEL 23592	21.52 1.48 0.00	22.31 1.39 0.00	21.59 1.34 0.00	21.69 1.34 0.00	23.46 1.41 0.00	31.38 2.07 0.00	62.08 4.19 0.00	32.15 2.27 0.00	25.76 1.78 0.00	23.10 1.48 0.00	25.82 1.68 0.00	29.68 1.72 0.00	29.81 1.47 0.00	25.24 1.32 0.00	24.22 1.38 0.00	22.57 1.41 0.00	23.92 1.63 0.00	36.75 2.50 0.00	49.69 3.38 0.00	58.24 3.94 0.00	162.98 10.26 0.00	40.34 2.61 0.00	30.64 1.88 0.00	32.76 1.93 0.00
DARBY___SOLAR 323810	21.03 0.99 0.00	21.88 0.96 0.00	21.17 0.93 0.00	21.30 0.94 0.00	23.04 0.99 0.00	30.69 1.38 0.00	60.67 2.78 0.00	31.31 1.44 0.00	24.97 1.00 0.00	22.30 0.69 0.00	24.94 0.80 0.00	28.72 0.76 0.00	28.90 0.57 0.00	24.46 0.54 0.00	23.45 0.61 0.00	21.99 0.83 0.00	23.45 1.16 0.00	35.96 1.71 0.00	48.65 2.33 0.00	56.91 2.62 0.00	159.88 7.15 0.00	39.41 1.69 0.00	29.94 1.18 0.00	32.13 1.31 0.00
DASHVILLE___HYD 23610	21.29 1.25 0.00	22.06 1.13 0.00	21.34 1.10 0.00	21.44 1.08 0.00	23.18 1.13 0.00	31.03 1.72 0.00	61.36 3.48 0.00	31.79 1.91 0.00	25.52 1.55 0.00	22.93 1.31 0.00	25.62 1.49 0.00	29.43 1.47 0.00	29.53 1.20 0.00	25.01 1.09 0.00	24.00 1.16 0.00	22.32 1.16 0.00	23.60 1.31 0.00	36.27 2.01 0.00	49.02 2.71 0.00	57.52 3.23 0.00	160.87 8.14 0.00	39.84 2.12 0.00	30.28 1.52 0.00	32.35 1.53 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.36 2.33 0.00	23.12 2.19 0.00	22.29 2.04 0.00	22.38 2.02 0.00	24.20 2.15 0.00	32.47 3.16 0.00	64.13 6.25 0.00	33.22 3.34 0.00	26.78 2.81 0.00	23.94 2.32 0.00	26.72 2.59 0.00	30.66 2.69 0.00	30.64 2.30 0.00	25.98 2.05 0.00	25.50 2.27 -0.39	36.66 2.31 -13.18	109.93 2.70 -84.95	334.20 3.61 -296.34	162.22 4.63 -111.28	229.96 5.66 -170.00	166.60 13.87 0.00	41.54 3.81 0.00	31.68 2.92 0.00	34.14 3.14 -0.18
DELAWARE___LFGE 323621	20.76 0.72 0.00	21.64 0.72 0.00	20.91 0.66 0.00	21.03 0.68 0.00	22.81 0.76 0.00	30.40 1.09 0.00	60.20 2.31 0.00	31.16 1.28 0.00	25.04 1.07 0.00	22.53 0.92 0.00	25.15 1.01 0.00	29.00 1.03 0.00	29.21 0.88 0.00	24.66 0.73 0.00	23.60 0.75 0.00	21.95 0.79 0.00	23.24 0.95 0.00	35.78 1.53 0.00	48.42 2.11 0.00	56.77 2.48 0.00	159.46 6.73 0.00	39.40 1.68 0.00	29.99 1.23 0.00	32.09 1.27 0.00
DERFIELD_115KV_TB7 355931	20.21 0.18 0.00	21.07 0.15 0.00	20.40 0.16 0.00	20.52 0.16 0.00	22.22 0.17 0.00	29.59 0.27 0.00	58.43 0.54 0.00	30.18 0.30 0.00	24.22 0.24 0.00	21.79 0.17 0.00	24.33 0.20 0.00	28.13 0.17 0.00	28.43 0.10 0.00	24.02 0.10 0.00	22.96 0.12 0.00	21.32 0.16 0.00	22.50 0.21 0.00	34.59 0.34 0.00	46.78 0.46 0.00	54.83 0.54 0.00	154.25 1.53 0.00	38.07 0.35 0.00	29.01 0.25 0.00	31.07 0.25 0.00
DOGLEVILLE___HYD 23807	20.35 0.32 0.00	21.19 0.27 0.00	20.45 0.20 0.00	20.57 0.22 0.00	22.25 0.20 0.00	29.79 0.48 0.00	59.00 1.11 0.00	30.60 0.72 0.00	24.49 0.52 0.00	21.78 0.17 0.00	24.37 0.23 0.00	28.00 0.03 0.00	27.98 -0.36 0.00	23.63 -0.29 0.00	22.58 -0.26 0.00	21.18 0.02 0.00	22.61 0.32 0.00	35.02 0.77 0.00	47.46 1.14 0.00	55.73 1.44 0.00	157.16 4.43 0.00	38.79 1.07 0.00	29.44 0.68 0.00	31.53 0.70 0.00
DUNKIRK___115KV_TB_200 55889	19.21 -0.82 0.00	20.17 -0.75 0.00	19.69 -0.55 0.00	19.93 -0.43 0.00	21.74 -0.31 0.00	28.97 -0.34 0.00	56.92 -0.96 0.00	29.29 -0.59 0.00	23.56 -0.41 0.00	21.27 -0.34 0.00	23.81 -0.32 0.00	27.41 -0.56 0.00	27.50 -0.83 0.00	23.04 -0.88 0.00	22.17 -0.67 0.00	20.67 -0.49 0.00	21.84 -0.45 0.00	33.65 -0.60 0.00	45.64 -0.68 0.00	53.34 -0.95 0.00	150.16 -2.56 0.00	36.98 -0.74 0.00	28.11 -0.65 0.00	30.30 -0.53 0.00
DUNKIRK___1 23563	19.21 -0.82 0.00	20.17 -0.75 0.00	19.69 -0.55 0.00	19.93 -0.43 0.00	21.74 -0.31 0.00	28.97 -0.34 0.00	56.92 -0.96 0.00	29.29 -0.59 0.00	23.56 -0.41 0.00	21.27 -0.34 0.00	23.81 -0.32 0.00	27.41 -0.56 0.00	27.50 -0.83 0.00	23.04 -0.88 0.00	22.17 -0.67 0.00	20.67 -0.49 0.00	21.84 -0.45 0.00	33.65 -0.60 0.00	45.64 -0.68 0.00	53.34 -0.95 0.00	150.16 -2.56 0.00	36.98 -0.74 0.00	28.11 -0.65 0.00	30.30 -0.53 0.00
DUNKIRK___2 23564	19.21 -0.82 0.00	20.17 -0.75 0.00	19.69 -0.55 0.00	19.93 -0.43 0.00	21.74 -0.31 0.00	28.97 -0.34 0.00	56.92 -0.96 0.00	29.29 -0.59 0.00	23.56 -0.41 0.00	21.27 -0.34 0.00	23.81 -0.32 0.00	27.41 -0.56 0.00	27.50 -0.83 0.00	23.04 -0.88 0.00	22.17 -0.67 0.00	20.67 -0.49 0.00	21.84 -0.45 0.00	33.65 -0.60 0.00	45.64 -0.68 0.00	53.34 -0.95 0.00	150.16 -2.56 0.00	36.98 -0.74 0.00	28.11 -0.65 0.00	30.30 -0.53 0.00
DUNKIRK___3 23565	19.19 -0.85 0.00	20.14 -0.79 0.00	19.61 -0.63 0.00	19.83 -0.52 0.00	21.62 -0.43 0.00	28.75 -0.55 0.00	56.45 -1.44 0.00	29.04 -0.83 0.00	23.37 -0.60 0.00	21.12 -0.50 0.00	23.64 -0.49 0.00	27.22 -0.75 0.00	27.33 -1.00 0.00	22.91 -1.01 0.00	22.04 -0.80 0.00	20.56 -0.60 0.00	21.71 -0.58 0.00	33.41 -0.84 0.00	45.29 -1.02 0.00	52.89 -1.41 0.00	148.86 -3.87 0.00	36.69 -1.03 0.00	27.92 -0.84 0.00	30.12 -0.71 0.00
DUNKIRK___4 23566	19.19 -0.85 0.00	20.14 -0.79 0.00	19.61 -0.63 0.00	19.83 -0.52 0.00	21.62 -0.43 0.00	28.75 -0.55 0.00	56.45 -1.44 0.00	29.04 -0.83 0.00	23.37 -0.60 0.00	21.12 -0.50 0.00	23.64 -0.49 0.00	27.22 -0.75 0.00	27.33 -1.00 0.00	22.91 -1.01 0.00	22.04 -0.80 0.00	20.56 -0.60 0.00	21.71 -0.58 0.00	33.41 -0.84 0.00	45.29 -1.02 0.00	52.89 -1.41 0.00	148.86 -3.87 0.00	36.69 -1.03 0.00	27.92 -0.84 0.00	30.12 -0.71 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.51 1.47 0.00	22.28 1.35 0.00	21.56 1.32 0.00	21.66 1.31 0.00	23.40 1.35 0.00	31.30 1.99 0.00	61.89 4.01 0.00	32.08 2.21 0.00	25.74 1.77 0.00	23.12 1.50 0.00	25.85 1.71 0.00	29.71 1.74 0.00	29.85 1.51 0.00	25.26 1.34 0.00	24.22 1.37 0.00	22.54 1.38 0.00	23.85 1.56 0.00	36.55 2.30 0.00	49.37 3.05 0.00	57.88 3.58 0.00	161.80 9.08 0.00	40.10 2.38 0.00	30.50 1.74 0.00	32.59 1.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.33 1.29 0.00	22.11 1.19 0.00	21.39 1.15 0.00	21.50 1.15 0.00	23.25 1.20 0.00	31.11 1.80 0.00	61.54 3.65 0.00	31.87 1.99 0.00	25.52 1.54 0.00	22.88 1.26 0.00	25.57 1.43 0.00	29.40 1.44 0.00	29.53 1.20 0.00	25.05 1.13 0.00	24.01 1.17 0.00	22.35 1.19 0.00	23.68 1.39 0.00	36.40 2.14 0.00	49.20 2.89 0.00	57.69 3.40 0.00	161.48 8.75 0.00	39.99 2.26 0.00	30.40 1.64 0.00	32.48 1.66 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	21.52 1.48 0.00	22.25 1.33 0.00	21.56 1.32 0.00	21.61 1.26 0.00	23.36 1.31 0.00	31.24 1.93 0.00	61.88 3.99 0.00	32.13 2.25 0.00	25.80 1.83 0.00	23.19 1.58 0.00	25.88 1.75 0.00	29.73 1.76 0.00	29.88 1.54 0.00	25.31 1.38 0.00	24.23 1.39 0.00	22.53 1.38 0.00	23.84 1.55 0.00	36.48 2.23 0.00	49.30 2.98 0.00	57.88 3.59 0.00	161.51 8.79 0.00	40.08 2.36 0.00	30.50 1.73 0.00	32.52 1.69 0.00
E179THST_13_KV_LOAD 356214	21.61 1.57 0.00	22.34 1.42 0.00	21.64 1.40 0.00	21.69 1.34 0.00	23.44 1.39 0.00	31.35 2.05 0.00	62.12 4.23 0.00	32.26 2.38 0.00	25.91 1.94 0.00	23.28 1.67 0.00	25.99 1.86 0.00	29.86 1.89 0.00	30.02 1.69 0.00	25.42 1.50 0.00	24.35 1.51 0.00	22.64 1.48 0.00	23.94 1.66 0.00	36.66 2.41 0.00	49.55 3.24 0.00	58.16 3.87 0.00	162.34 9.62 0.00	40.27 2.55 0.00	30.63 1.87 0.00	32.66 1.83 0.00
EAST HAMPTON___GT 23717	22.41 2.38 0.00	23.12 2.19 0.00	22.28 2.03 0.00	22.37 2.02 0.00	24.22 2.17 0.00	32.59 3.28 0.00	64.37 6.49 0.00	33.34 3.46 0.00	26.81 2.83 0.00	23.98 2.36 0.00	26.78 2.64 0.00	30.76 2.79 0.00	30.71 2.37 0.00	26.09 2.17 0.00	25.65 2.41 -0.39	36.81 2.47 -13.18	110.17 2.90 -84.99	334.48 3.68 -296.55	162.78 5.11 -111.36	230.48 6.07 -170.13	167.39 14.66 0.00	41.67 3.95 0.00	31.75 2.99 0.00	34.23 3.23 -0.18
EAST RIVER___6 23660	21.53 1.50 0.00	22.28 1.35 0.00	21.57 1.33 0.00	21.69 1.33 0.00	23.40 1.35 0.00	31.32 2.00 0.00	61.94 4.06 0.00	32.17 2.29 0.00	25.83 1.86 0.00	23.23 1.62 0.00	25.96 1.82 0.00	29.84 1.88 0.00	29.98 1.64 0.00	25.38 1.45 0.00	24.32 1.47 0.00	22.61 1.45 0.00	23.93 1.64 0.00	36.61 2.36 0.00	49.42 3.11 0.00	57.94 3.65 0.00	161.61 8.88 0.00	40.07 2.35 0.00	30.51 1.75 0.00	32.54 1.71 0.00
EAST RIVER___7 23524	21.53 1.50 0.00	22.28 1.35 0.00	21.57 1.33 0.00	21.69 1.33 0.00	23.40 1.35 0.00	31.32 2.00 0.00	61.94 4.06 0.00	32.17 2.29 0.00	25.83 1.86 0.00	23.23 1.62 0.00	25.96 1.82 0.00	29.84 1.88 0.00	29.98 1.64 0.00	25.38 1.45 0.00	24.32 1.47 0.00	22.61 1.45 0.00	23.93 1.64 0.00	36.61 2.36 0.00	49.42 3.11 0.00	57.94 3.65 0.00	161.61 8.88 0.00	40.07 2.35 0.00	30.51 1.75 0.00	32.54 1.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.47 1.44 0.00	22.25 1.32 0.00	21.53 1.29 0.00	21.63 1.28 0.00	23.37 1.32 0.00	31.26 1.95 0.00	61.83 3.95 0.00	32.04 2.16 0.00	25.70 1.72 0.00	23.08 1.47 0.00	25.80 1.67 0.00	29.66 1.70 0.00	29.80 1.46 0.00	25.20 1.28 0.00	24.17 1.33 0.00	22.49 1.33 0.00	23.80 1.51 0.00	36.49 2.24 0.00	49.29 2.98 0.00	57.78 3.49 0.00	161.52 8.80 0.00	40.04 2.32 0.00	30.45 1.69 0.00	32.54 1.71 0.00
EAST_HAMPTON___DIESEL 23722	22.39 2.36 0.00	23.09 2.16 0.00	22.25 2.00 0.00	22.34 1.99 0.00	24.19 2.14 0.00	32.56 3.25 0.00	64.31 6.42 0.00	33.31 3.43 0.00	26.77 2.80 0.00	23.95 2.34 0.00	26.75 2.62 0.00	30.73 2.77 0.00	30.69 2.36 0.00	26.08 2.15 0.00	25.63 2.40 -0.39	36.81 2.47 -13.18	110.17 2.89 -84.99	334.47 3.68 -296.54	162.76 5.08 -111.36	230.44 6.02 -170.12	167.23 14.50 0.00	41.62 3.89 0.00	31.72 2.96 0.00	34.20 3.20 -0.18
EAST_PULASKI___ESR 323781	19.42 -0.62 0.00	20.26 -0.67 0.00	19.65 -0.59 0.00	19.86 -0.50 0.00	21.58 -0.46 0.00	28.84 -0.47 0.00	57.12 -0.76 0.00	29.53 -0.35 0.00	23.68 -0.29 0.00	21.28 -0.34 0.00	23.68 -0.46 0.00	27.26 -0.71 0.00	27.46 -0.87 0.00	23.12 -0.80 0.00	22.06 -0.79 0.00	20.50 -0.66 0.00	21.80 -0.48 0.00	33.92 -0.33 0.00	46.00 -0.31 0.00	53.82 -0.47 0.00	151.73 -1.00 0.00	37.36 -0.37 0.00	28.39 -0.37 0.00	30.36 -0.47 0.00
EAST_RIVER___1 323558	21.55 1.51 0.00	22.29 1.37 0.00	21.59 1.34 0.00	21.70 1.34 0.00	23.41 1.36 0.00	31.33 2.02 0.00	61.97 4.09 0.00	32.17 2.29 0.00	25.83 1.85 0.00	23.23 1.61 0.00	25.95 1.82 0.00	29.83 1.86 0.00	29.96 1.63 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.41 3.09 0.00	57.93 3.64 0.00	161.70 8.98 0.00	40.10 2.38 0.00	30.51 1.75 0.00	32.56 1.73 0.00
EAST_RIVER___2 323559	21.53 1.50 0.00	22.28 1.35 0.00	21.57 1.33 0.00	21.69 1.33 0.00	23.40 1.35 0.00	31.32 2.00 0.00	61.94 4.06 0.00	32.17 2.29 0.00	25.83 1.86 0.00	23.23 1.62 0.00	25.96 1.82 0.00	29.84 1.88 0.00	29.98 1.64 0.00	25.38 1.45 0.00	24.32 1.47 0.00	22.61 1.45 0.00	23.93 1.64 0.00	36.61 2.36 0.00	49.42 3.11 0.00	57.94 3.65 0.00	161.61 8.88 0.00	40.07 2.35 0.00	30.51 1.75 0.00	32.54 1.71 0.00
EAST___DELAWARE_HYD 23607	21.01 0.98 0.00	21.79 0.87 0.00	21.08 0.84 0.00	21.18 0.83 0.00	22.92 0.87 0.00	30.69 1.37 0.00	60.79 2.91 0.00	31.49 1.61 0.00	25.18 1.21 0.00	22.52 0.91 0.00	25.08 0.94 0.00	28.74 0.77 0.00	28.21 -0.12 0.00	23.89 -0.03 0.00	22.91 0.07 0.00	21.33 0.17 0.00	22.71 0.42 0.00	35.07 0.82 0.00	47.44 1.13 0.00	56.24 1.95 0.00	159.96 7.23 0.00	39.58 1.86 0.00	30.04 1.28 0.00	32.06 1.24 0.00
EIGHT_POINT___WT_PWR 323820	19.32 -0.71 0.00	20.59 -0.34 0.00	19.63 -0.61 0.00	19.87 -0.49 0.00	22.11 0.06 0.00	29.48 0.17 0.00	59.42 1.53 0.00	31.31 1.12 -0.31	25.47 1.09 -0.40	22.76 0.80 -0.35	25.03 0.74 -0.16	28.75 0.73 -0.06	28.76 0.43 0.00	24.28 0.32 -0.04	23.24 0.40 0.00	21.71 0.54 -0.01	23.19 0.76 -0.14	37.33 1.58 -1.50	50.80 2.44 -2.04	58.05 2.89 -0.87	161.99 8.01 -1.26	39.94 1.82 -0.39	30.17 1.16 -0.25	32.35 1.18 -0.34
ELBRIDGE_115KV_TB2 80188	19.73 -0.31 0.00	20.57 -0.35 0.00	19.92 -0.32 0.00	20.07 -0.28 0.00	21.72 -0.33 0.00	28.93 -0.38 0.00	57.18 -0.70 0.00	29.56 -0.31 0.00	23.69 -0.28 0.00	21.33 -0.29 0.00	23.78 -0.36 0.00	27.43 -0.53 0.00	27.67 -0.66 0.00	23.35 -0.57 0.00	22.36 -0.48 0.00	20.82 -0.34 0.00	22.06 -0.23 0.00	33.95 -0.29 0.00	45.90 -0.41 0.00	53.98 -0.32 0.00	152.26 -0.46 0.00	37.50 -0.23 0.00	28.49 -0.27 0.00	30.48 -0.34 0.00
ELEC_TRO_TEK 24086	21.80 1.76 0.00	22.58 1.65 0.00	21.81 1.57 0.00	21.91 1.55 0.00	23.66 1.61 0.00	31.66 2.35 0.00	62.56 4.67 0.00	32.46 2.59 0.00	26.08 2.10 0.00	23.40 1.78 0.00	26.22 2.09 0.00	30.10 2.13 0.00	30.18 1.84 0.00	25.54 1.61 0.00	24.95 1.72 -0.39	36.05 1.71 -13.18	51.78 1.91 -27.58	36.98 2.73 0.00	49.78 3.46 0.00	58.41 4.12 0.00	162.77 10.05 0.00	40.58 2.86 0.00	30.91 2.15 0.00	33.56 2.25 -0.49
ELLENBURG_WT_PWR 323604	19.79 -0.25 0.00	20.66 -0.26 0.00	19.64 -0.60 0.00	19.68 -0.68 0.00	21.44 -0.61 0.00	28.48 -0.83 0.00	56.83 -1.05 0.00	29.27 -0.61 0.00	23.57 -0.40 0.00	21.45 -0.17 0.00	23.90 -0.24 0.00	27.71 -0.25 0.00	28.30 -0.04 0.00	23.84 -0.08 0.00	22.71 -0.13 0.00	20.96 -0.20 0.00	22.08 -0.20 0.00	34.13 -0.12 0.00	46.15 -0.16 0.00	53.84 -0.45 0.00	150.46 -2.26 0.00	37.07 -0.65 0.00	28.71 -0.05 0.00	30.99 0.16 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.01 -1.03 0.00	19.95 -0.97 0.00	19.39 -0.85 0.00	19.59 -0.77 0.00	21.33 -0.72 0.00	28.25 -1.05 0.00	55.27 -2.61 0.00	28.40 -1.47 0.00	22.90 -1.08 0.00	20.73 -0.89 0.00	23.18 -0.95 0.00	26.65 -1.32 0.00	26.81 -1.52 0.00	22.48 -1.44 0.00	21.63 -1.21 0.00	20.18 -0.98 0.00	21.33 -0.95 0.00	32.80 -1.45 0.00	44.40 -1.92 0.00	51.63 -2.66 0.00	145.40 -7.32 0.00	35.87 -1.85 0.00	27.32 -1.44 0.00	29.56 -1.27 0.00
EMPIRE_CC_1 323656	20.93 0.89 0.00	21.78 0.86 0.00	21.09 0.84 0.00	21.21 0.86 0.00	22.94 0.89 0.00	30.51 1.20 0.00	60.20 2.31 0.00	31.06 1.18 0.00	24.90 0.93 0.00	22.31 0.69 0.00	25.00 0.86 0.00	28.75 0.78 0.00	28.95 0.62 0.00	24.55 0.63 0.00	23.51 0.66 0.00	21.94 0.78 0.00	23.18 0.89 0.00	35.23 0.98 0.00	47.66 1.35 0.00	55.79 1.50 0.00	156.95 4.22 0.00	38.76 1.04 0.00	29.54 0.78 0.00	31.72 0.89 0.00
EMPIRE_CC_2 323658	20.93 0.89 0.00	21.78 0.86 0.00	21.09 0.84 0.00	21.21 0.86 0.00	22.94 0.89 0.00	30.51 1.20 0.00	60.20 2.31 0.00	31.06 1.18 0.00	24.90 0.93 0.00	22.31 0.69 0.00	25.00 0.86 0.00	28.75 0.78 0.00	28.95 0.62 0.00	24.55 0.63 0.00	23.51 0.66 0.00	21.94 0.78 0.00	23.18 0.89 0.00	35.23 0.98 0.00	47.66 1.35 0.00	55.79 1.50 0.00	156.95 4.22 0.00	38.76 1.04 0.00	29.54 0.78 0.00	31.72 0.89 0.00
ENORWICH_115KV_TB1 80156	20.98 0.95 0.00	22.13 1.20 0.00	21.13 0.89 0.00	21.36 1.00 0.00	23.41 1.36 0.00	30.99 1.68 0.00	62.10 4.22 0.00	32.30 2.42 0.00	26.14 2.17 0.00	23.39 1.78 0.00	25.98 1.85 0.00	29.78 1.82 0.00	29.81 1.48 0.00	24.97 1.04 0.00	23.94 1.10 0.00	22.44 1.28 0.00	24.16 1.87 0.00	37.81 3.56 0.00	51.47 5.16 0.00	60.15 5.85 0.00	169.29 16.56 0.00	41.81 4.09 0.00	31.77 3.01 0.00	34.02 3.20 0.00
ERIE_ST__34_KV_TB1-2 80199	19.46 -0.58 0.00	20.42 -0.50 0.00	19.79 -0.45 0.00	19.98 -0.37 0.00	21.75 -0.30 0.00	28.83 -0.48 0.00	56.50 -1.38 0.00	29.09 -0.78 0.00	23.47 -0.51 0.00	21.21 -0.41 0.00	23.72 -0.42 0.00	27.27 -0.70 0.00	27.46 -0.87 0.00	23.05 -0.87 0.00	22.18 -0.66 0.00	20.68 -0.48 0.00	21.88 -0.40 0.00	33.63 -0.62 0.00	45.53 -0.78 0.00	52.99 -1.30 0.00	149.12 -3.60 0.00	36.82 -0.91 0.00	28.05 -0.71 0.00	30.31 -0.51 0.00
ERIE_WT_PWR 323693	19.11 -0.92 0.00	20.08 -0.84 0.00	19.50 -0.75 0.00	19.70 -0.66 0.00	21.49 -0.56 0.00	28.48 -0.83 0.00	55.80 -2.08 0.00	26.75 -1.19 1.93	20.66 -0.86 2.45	18.77 -0.72 2.13	22.41 -0.76 0.96	26.54 -1.08 0.35	27.06 -1.28 0.00	22.46 -1.24 0.22	21.83 -1.02 0.00	20.26 -0.80 0.10	20.44 -0.77 1.07	21.66 -1.13 11.46	29.30 -1.44 15.57	45.57 -2.13 6.59	137.65 -5.91 9.16	33.37 -1.49 2.86	25.75 -1.18 1.83	27.28 -1.04 2.51
ESPRGFLD_115KV_TB1 80157	20.84 0.80 0.00	21.74 0.82 0.00	21.04 0.80 0.00	21.15 0.80 0.00	23.01 0.96 0.00	30.72 1.41 0.00	60.96 3.08 0.00	31.64 1.76 0.00	25.50 1.53 0.00	23.00 1.39 0.00	25.53 1.39 0.00	29.54 1.57 0.00	29.90 1.57 0.00	25.12 1.20 0.00	23.94 1.10 0.00	22.08 0.92 0.00	23.38 1.09 0.00	36.42 2.17 0.00	49.47 3.16 0.00	58.03 3.73 0.00	163.01 10.29 0.00	40.32 2.60 0.00	30.75 1.99 0.00	32.85 2.03 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.32 0.29 0.00	21.21 0.28 0.00	20.49 0.25 0.00	20.65 0.30 0.00	22.42 0.37 0.00	29.90 0.59 0.00	59.32 1.44 0.00	30.75 0.87 0.00	24.68 0.71 0.00	22.15 0.54 0.00	24.67 0.53 0.00	28.35 0.39 0.00	28.56 0.22 0.00	24.08 0.15 0.00	23.05 0.21 0.00	21.47 0.31 0.00	22.84 0.55 0.00	35.32 1.07 0.00	47.92 1.61 0.00	56.23 1.94 0.00	158.32 5.60 0.00	39.00 1.28 0.00	29.61 0.85 0.00	31.68 0.85 0.00
ETNA____115KV_TB2 80207	20.32 0.29 0.00	21.21 0.28 0.00	20.49 0.25 0.00	20.65 0.30 0.00	22.42 0.37 0.00	29.90 0.59 0.00	59.32 1.44 0.00	30.75 0.87 0.00	24.68 0.71 0.00	22.15 0.54 0.00	24.67 0.53 0.00	28.35 0.39 0.00	28.56 0.22 0.00	24.08 0.15 0.00	23.05 0.21 0.00	21.47 0.31 0.00	22.84 0.55 0.00	35.32 1.07 0.00	47.92 1.61 0.00	56.23 1.94 0.00	158.32 5.60 0.00	39.00 1.28 0.00	29.61 0.85 0.00	31.68 0.85 0.00
EUCLID___115KV_TB2 356179	19.55 -0.49 0.00	20.39 -0.54 0.00	19.74 -0.50 0.00	19.88 -0.47 0.00	21.54 -0.52 0.00	28.66 -0.65 0.00	56.63 -1.25 0.00	29.28 -0.60 0.00	23.50 -0.47 0.00	21.17 -0.44 0.00	23.60 -0.54 0.00	27.24 -0.73 0.00	27.48 -0.86 0.00	23.19 -0.73 0.00	22.20 -0.64 0.00	20.66 -0.50 0.00	21.86 -0.43 0.00	33.60 -0.65 0.00	45.47 -0.84 0.00	53.39 -0.90 0.00	150.70 -2.03 0.00	37.16 -0.57 0.00	28.25 -0.51 0.00	30.21 -0.61 0.00
E_CANADA_CAP_HY 24051	20.91 0.87 0.00	21.81 0.88 0.00	21.11 0.87 0.00	21.25 0.90 0.00	23.09 1.04 0.00	30.85 1.53 0.00	61.09 3.20 0.00	31.68 1.81 0.00	25.48 1.51 0.00	22.92 1.31 0.00	25.39 1.26 0.00	29.44 1.48 0.00	29.91 1.57 0.00	25.12 1.20 0.00	23.90 1.06 0.00	21.95 0.79 0.00	23.22 0.94 0.00	36.32 2.07 0.00	49.35 3.03 0.00	57.85 3.56 0.00	162.63 9.91 0.00	40.26 2.54 0.00	30.73 1.97 0.00	32.84 2.01 0.00
E_CANADA_MHWK_HY 24050	20.35 0.32 0.00	21.19 0.27 0.00	20.45 0.20 0.00	20.57 0.22 0.00	22.25 0.20 0.00	29.79 0.48 0.00	59.00 1.11 0.00	30.60 0.72 0.00	24.49 0.52 0.00	21.78 0.17 0.00	24.37 0.23 0.00	28.00 0.03 0.00	27.98 -0.36 0.00	23.63 -0.29 0.00	22.58 -0.26 0.00	21.18 0.02 0.00	22.61 0.32 0.00	35.02 0.77 0.00	47.46 1.14 0.00	55.73 1.44 0.00	157.16 4.43 0.00	38.79 1.07 0.00	29.44 0.68 0.00	31.53 0.70 0.00
E_FISHKILL___LBMP 23776	21.32 1.29 0.00	22.10 1.18 0.00	21.39 1.15 0.00	21.50 1.14 0.00	23.24 1.19 0.00	31.06 1.75 0.00	61.41 3.52 0.00	31.79 1.91 0.00	25.50 1.53 0.00	22.89 1.27 0.00	25.59 1.46 0.00	29.43 1.46 0.00	29.56 1.23 0.00	25.04 1.11 0.00	24.00 1.16 0.00	22.35 1.19 0.00	23.65 1.36 0.00	36.27 2.02 0.00	49.00 2.69 0.00	57.42 3.13 0.00	160.71 7.98 0.00	39.80 2.08 0.00	30.26 1.50 0.00	32.36 1.53 0.00
FALCON___SEABRD_CC1 323796	20.10 0.07 0.00	20.95 0.03 0.00	19.93 -0.31 0.00	19.98 -0.38 0.00	21.73 -0.32 0.00	28.84 -0.47 0.00	57.61 -0.28 0.00	29.69 -0.18 0.00	23.88 -0.09 0.00	21.79 0.18 0.00	24.31 0.18 0.00	28.12 0.15 0.00	28.69 0.35 0.00	24.21 0.28 0.00	23.07 0.23 0.00	21.30 0.14 0.00	22.45 0.16 0.00	34.64 0.39 0.00	46.89 0.58 0.00	54.83 0.54 0.00	153.00 0.28 0.00	37.61 -0.11 0.00	29.19 0.43 0.00	31.53 0.70 0.00
FALCON___SEABRD_CC2 323797	20.10 0.07 0.00	20.95 0.03 0.00	19.93 -0.31 0.00	19.98 -0.38 0.00	21.73 -0.32 0.00	28.84 -0.47 0.00	57.61 -0.28 0.00	29.69 -0.18 0.00	23.88 -0.09 0.00	21.79 0.18 0.00	24.31 0.18 0.00	28.12 0.15 0.00	28.69 0.35 0.00	24.21 0.28 0.00	23.07 0.23 0.00	21.30 0.14 0.00	22.45 0.16 0.00	34.64 0.39 0.00	46.89 0.58 0.00	54.83 0.54 0.00	153.00 0.28 0.00	37.61 -0.11 0.00	29.19 0.43 0.00	31.53 0.70 0.00

FAR ROCKAWAY___4 23548	22.04 2.00 0.00	22.82 1.90 0.00	22.04 1.80 0.00	22.14 1.78 0.00	23.92 1.87 0.00	32.02 2.70 0.00	62.98 5.09 0.00	32.76 2.88 0.00	26.35 2.38 0.00	23.66 2.04 0.00	26.49 2.36 0.00	30.42 2.46 0.00	30.52 2.18 0.00	25.83 1.90 0.00	25.23 2.00 -0.39	36.31 1.97 -13.18	52.03 2.16 -27.58	37.29 3.04 0.00	50.24 3.93 0.00	58.99 4.70 0.00	164.74 12.01 0.00	41.07 3.34 0.00	31.28 2.52 0.00	34.31 2.62 -0.86
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.57 1.53 0.00	22.31 1.39 0.00	21.61 1.36 0.00	21.71 1.36 0.00	23.44 1.38 0.00	31.36 2.05 0.00	62.03 4.14 0.00	32.20 2.32 0.00	25.85 1.87 0.00	23.25 1.63 0.00	25.97 1.84 0.00	29.85 1.89 0.00	29.98 1.65 0.00	25.37 1.45 0.00	24.32 1.47 0.00	22.61 1.45 0.00	23.92 1.64 0.00	36.62 2.37 0.00	49.45 3.14 0.00	57.99 3.70 0.00	161.86 9.13 0.00	40.14 2.42 0.00	30.54 1.78 0.00	32.59 1.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.59 1.55 0.00	22.32 1.40 0.00	21.62 1.38 0.00	21.73 1.38 0.00	23.45 1.40 0.00	31.38 2.08 0.00	62.07 4.19 0.00	32.22 2.34 0.00	25.87 1.89 0.00	23.26 1.64 0.00	25.99 1.85 0.00	29.87 1.90 0.00	30.00 1.67 0.00	25.39 1.46 0.00	24.33 1.49 0.00	22.63 1.47 0.00	23.94 1.65 0.00	36.65 2.39 0.00	49.49 3.17 0.00	58.03 3.74 0.00	162.01 9.29 0.00	40.17 2.45 0.00	30.57 1.81 0.00	32.61 1.78 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.56 1.52 0.00	22.30 1.38 0.00	21.60 1.36 0.00	21.71 1.35 0.00	23.43 1.38 0.00	31.36 2.05 0.00	62.01 4.13 0.00	32.19 2.31 0.00	25.84 1.87 0.00	23.24 1.62 0.00	25.96 1.83 0.00	29.84 1.87 0.00	29.96 1.63 0.00	25.36 1.43 0.00	24.30 1.46 0.00	22.60 1.45 0.00	23.92 1.63 0.00	36.60 2.35 0.00	49.42 3.11 0.00	57.94 3.65 0.00	161.72 9.00 0.00	40.11 2.38 0.00	30.53 1.76 0.00	32.57 1.75 0.00
FARRAGUT___LBMP 323566	21.55 1.51 0.00	22.29 1.36 0.00	21.58 1.34 0.00	21.69 1.34 0.00	23.41 1.36 0.00	31.33 2.02 0.00	61.96 4.07 0.00	32.16 2.28 0.00	25.82 1.85 0.00	23.22 1.60 0.00	25.94 1.80 0.00	29.81 1.85 0.00	29.94 1.61 0.00	25.34 1.42 0.00	24.28 1.44 0.00	22.59 1.43 0.00	23.90 1.61 0.00	36.57 2.32 0.00	49.39 3.07 0.00	57.92 3.63 0.00	161.64 8.92 0.00	40.08 2.36 0.00	30.51 1.75 0.00	32.55 1.72 0.00
FENNER___WINDPWR 24204	20.23 0.19 0.00	21.11 0.19 0.00	20.47 0.23 0.00	20.60 0.24 0.00	22.37 0.32 0.00	29.85 0.54 0.00	59.21 1.33 0.00	30.68 0.80 0.00	24.63 0.66 0.00	22.13 0.51 0.00	24.63 0.49 0.00	28.40 0.43 0.00	28.59 0.25 0.00	24.11 0.18 0.00	23.08 0.23 0.00	21.48 0.32 0.00	22.79 0.50 0.00	35.31 1.06 0.00	47.89 1.58 0.00	56.12 1.83 0.00	158.02 5.30 0.00	38.93 1.21 0.00	29.59 0.82 0.00	31.64 0.82 0.00
FIBERTEK___ENERGY 23856	19.81 -0.22 0.00	20.67 -0.25 0.00	20.00 -0.24 0.00	20.16 -0.19 0.00	21.84 -0.21 0.00	29.08 -0.23 0.00	57.47 -0.41 0.00	29.71 -0.16 0.00	23.83 -0.14 0.00	21.46 -0.16 0.00	23.91 -0.23 0.00	27.59 -0.38 0.00	27.84 -0.49 0.00	23.50 -0.42 0.00	22.49 -0.35 0.00	20.94 -0.22 0.00	22.18 -0.11 0.00	34.13 -0.12 0.00	46.17 -0.14 0.00	54.24 -0.05 0.00	153.00 0.28 0.00	37.71 -0.02 0.00	28.66 -0.10 0.00	30.64 -0.18 0.00
FITZPATRICK___ 23598	19.29 -0.74 0.00	20.12 -0.80 0.00	19.49 -0.75 0.00	19.61 -0.74 0.00	21.24 -0.82 0.00	28.24 -1.07 0.00	55.78 -2.10 0.00	28.82 -1.06 0.00	23.14 -0.84 0.00	20.86 -0.76 0.00	23.24 -0.90 0.00	26.84 -1.12 0.00	27.11 -1.22 0.00	22.88 -1.04 0.00	21.89 -0.95 0.00	20.38 -0.78 0.00	21.52 -0.76 0.00	33.08 -1.17 0.00	44.75 -1.57 0.00	52.58 -1.72 0.00	148.43 -4.29 0.00	36.62 -1.10 0.00	27.87 -0.90 0.00	29.80 -1.02 0.00
FLOWRFLD_69_KV_BK1 356044	22.07 2.03 0.00	22.85 1.93 0.00	22.05 1.80 0.00	22.13 1.78 0.00	23.91 1.86 0.00	32.04 2.73 0.00	63.30 5.42 0.00	32.87 2.99 0.00	26.48 2.50 0.00	23.69 2.07 0.00	26.49 2.35 0.00	30.36 2.40 0.00	30.39 2.05 0.00	25.72 1.79 0.00	25.21 1.98 -0.39	36.32 1.98 -13.18	158.45 2.27 -133.90	586.67 3.20 -549.22	256.45 3.90 -206.24	374.16 4.80 -315.08	164.71 11.99 0.00	41.08 3.36 -0.01	31.32 2.55 0.00	33.69 2.68 -0.18
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.57 1.53 0.00	22.35 1.43 0.00	21.63 1.38 0.00	21.74 1.38 0.00	23.50 1.46 0.00	31.44 2.13 0.00	62.21 4.32 0.00	32.21 2.33 0.00	25.81 1.84 0.00	23.15 1.53 0.00	25.87 1.73 0.00	29.75 1.78 0.00	29.87 1.54 0.00	25.29 1.37 0.00	24.27 1.43 0.00	22.62 1.46 0.00	23.98 1.69 0.00	36.83 2.58 0.00	49.80 3.48 0.00	58.35 4.06 0.00	163.30 10.58 0.00	40.42 2.69 0.00	30.70 1.94 0.00	32.81 1.99 0.00
FORT ORANGE___ 23900	20.81 0.78 0.00	21.67 0.75 0.00	20.96 0.72 0.00	21.09 0.74 0.00	22.82 0.76 0.00	30.36 1.05 0.00	59.97 2.09 0.00	30.97 1.09 0.00	24.77 0.80 0.00	22.17 0.55 0.00	24.79 0.65 0.00	28.53 0.56 0.00	28.74 0.41 0.00	24.36 0.43 0.00	23.33 0.48 0.00	21.78 0.62 0.00	23.13 0.84 0.00	35.42 1.17 0.00	47.92 1.61 0.00	56.09 1.80 0.00	157.72 5.00 0.00	38.90 1.18 0.00	29.58 0.82 0.00	31.69 0.86 0.00
FORT_DRUM_COGEN 23780	19.26 -0.77 0.00	20.14 -0.78 0.00	19.65 -0.59 0.00	20.00 -0.36 0.00	21.96 -0.09 0.00	29.63 0.32 0.00	59.11 1.23 0.00	30.59 0.71 0.00	24.50 0.53 0.00	21.90 0.28 0.00	24.24 0.10 0.00	27.82 -0.15 0.00	27.93 -0.41 0.00	23.40 -0.53 0.00	22.12 -0.72 0.00	20.50 -0.66 0.00	22.09 -0.20 0.00	35.32 1.07 0.00	48.08 1.77 0.00	55.66 1.36 0.00	156.36 3.64 0.00	38.21 0.49 0.00	29.01 0.25 0.00	31.03 0.20 0.00
FOX_HILLS___ESR 323835	21.62 1.59 0.00	22.37 1.45 0.00	21.67 1.43 0.00	21.74 1.39 0.00	23.49 1.44 0.00	31.46 2.15 0.00	62.23 4.34 0.00	32.26 2.38 0.00	25.92 1.94 0.00	23.29 1.67 0.00	26.01 1.87 0.00	29.88 1.91 0.00	30.01 1.68 0.00	25.41 1.48 0.00	24.34 1.50 0.00	22.62 1.46 0.00	23.90 1.65 0.04	36.64 2.39 0.00	49.48 3.17 0.00	58.10 3.81 0.00	162.22 9.50 0.00	40.30 2.58 0.00	30.67 1.91 0.00	32.66 1.84 0.00
FPL_FAR_ROCK_GT1 24212	22.03 1.99 0.00	22.82 1.90 0.00	22.04 1.80 0.00	22.14 1.79 0.00	23.92 1.87 0.00	32.02 2.70 0.00	62.98 5.10 0.00	32.76 2.88 0.00	26.35 2.38 0.00	23.65 2.03 0.00	26.49 2.36 0.00	30.42 2.45 0.00	30.52 2.19 0.00	25.83 1.90 0.00	25.23 2.00 -0.39	36.31 1.97 -13.18	52.03 2.16 -27.58	37.29 3.04 0.00	50.24 3.92 0.00	58.98 4.69 0.00	164.74 12.02 0.00	41.06 3.34 0.00	31.28 2.52 0.00	34.31 2.62 -0.86
FPL_FAR_ROCK_GT2 23815	22.03 1.99 0.00	22.82 1.90 0.00	22.04 1.80 0.00	22.14 1.79 0.00	23.92 1.87 0.00	32.02 2.70 0.00	62.98 5.10 0.00	32.76 2.88 0.00	26.35 2.38 0.00	23.65 2.03 0.00	26.49 2.36 0.00	30.42 2.45 0.00	30.52 2.19 0.00	25.83 1.90 0.00	25.23 2.00 -0.39	36.31 1.97 -13.18	52.03 2.16 -27.58	37.29 3.04 0.00	50.24 3.92 0.00	58.98 4.69 0.00	164.74 12.02 0.00	41.06 3.34 0.00	31.28 2.52 0.00	34.31 2.62 -0.86

FRANKLIN_FALL_HYD 24054	20.03 0.00 0.00	20.96 0.04 0.00	20.02 -0.22 0.00	20.08 -0.28 0.00	21.87 -0.17 0.00	29.03 -0.28 0.00	57.81 -0.07 0.00	29.80 -0.08 0.00	24.01 0.03 0.00	21.81 0.20 0.00	24.31 0.17 0.00	28.20 0.23 0.00	28.75 0.41 0.00	24.16 0.24 0.00	22.98 0.14 0.00	21.17 0.01 0.00	22.33 0.04 0.00	34.61 0.36 0.00	46.90 0.59 0.00	54.62 0.32 0.00	152.85 0.13 0.00	37.69 -0.03 0.00	29.10 0.34 0.00	31.34 0.51 0.00
FREEPORT_EQUS_GT1 23764	21.93 1.89 0.00	22.71 1.78 0.00	21.93 1.69 0.00	22.03 1.68 0.00	23.79 1.74 0.00	31.82 2.51 0.00	62.90 5.02 0.00	32.64 2.76 0.00	26.23 2.25 0.00	23.51 1.90 0.00	26.34 2.20 0.00	30.22 2.25 0.00	30.30 1.96 0.00	25.64 1.71 0.00	25.08 1.84 -0.39	36.17 1.83 -13.18	51.94 2.06 -27.58	37.22 2.97 0.00	50.05 3.74 0.00	58.69 4.40 0.00	163.05 10.33 0.00	40.80 3.07 0.00	31.10 2.34 0.00	33.72 2.47 -0.43
FREEPORT___CT2 23818	21.93 1.89 0.00	22.71 1.78 0.00	21.93 1.69 0.00	22.03 1.68 0.00	23.79 1.74 0.00	31.82 2.51 0.00	62.90 5.02 0.00	32.64 2.76 0.00	26.23 2.25 0.00	23.51 1.90 0.00	26.34 2.20 0.00	30.22 2.25 0.00	30.30 1.96 0.00	25.64 1.71 0.00	25.08 1.84 -0.39	36.17 1.83 -13.18	51.94 2.06 -27.58	37.22 2.97 0.00	50.05 3.74 0.00	58.69 4.40 0.00	163.05 10.33 0.00	40.80 3.07 0.00	31.10 2.34 0.00	33.72 2.47 -0.43
FRESHKLS_33_KV_LOAD 356253	21.59 1.55 0.00	22.34 1.42 0.00	21.63 1.39 0.00	21.71 1.36 0.00	23.46 1.41 0.00	31.42 2.11 0.00	62.14 4.25 0.00	32.22 2.34 0.00	25.86 1.89 0.00	23.23 1.61 0.00	25.93 1.79 0.00	29.79 1.83 0.00	29.92 1.59 0.00	25.32 1.40 0.00	24.27 1.42 0.00	22.54 1.39 0.00	23.79 1.58 0.07	36.56 2.31 0.00	49.38 3.06 0.00	58.01 3.72 0.00	161.94 9.21 0.00	40.24 2.52 0.00	30.63 1.87 0.00	32.60 1.77 0.00
FULTON COGEN____ 23766	19.47 -0.57 0.00	20.30 -0.62 0.00	19.65 -0.59 0.00	19.81 -0.55 0.00	21.46 -0.59 0.00	28.56 -0.75 0.00	56.46 -1.43 0.00	29.19 -0.68 0.00	23.43 -0.54 0.00	21.12 -0.50 0.00	23.52 -0.61 0.00	27.14 -0.82 0.00	27.39 -0.95 0.00	23.11 -0.81 0.00	22.11 -0.73 0.00	20.58 -0.58 0.00	21.79 -0.50 0.00	33.54 -0.71 0.00	45.40 -0.91 0.00	53.31 -0.98 0.00	150.43 -2.29 0.00	37.10 -0.62 0.00	28.19 -0.57 0.00	30.14 -0.68 0.00
FULTON___LFGE 323630	22.00 1.96 0.00	22.90 1.98 0.00	22.16 1.92 0.00	22.31 1.96 0.00	24.24 2.19 0.00	32.46 3.15 0.00	64.41 6.53 0.00	33.35 3.47 0.00	26.31 2.33 0.00	23.01 1.40 0.00	25.23 1.09 0.00	29.07 1.10 0.00	29.42 1.09 0.00	24.80 0.88 0.00	23.66 0.82 0.00	21.96 0.80 0.00	23.84 1.55 0.00	38.38 4.13 0.00	52.43 6.12 0.00	61.34 7.04 0.00	172.22 19.49 0.00	42.41 4.69 0.00	32.21 3.45 0.00	34.29 3.47 0.00
G.F.CEMENT___DRP 24184	20.98 0.95 0.00	21.82 0.90 0.00	21.10 0.86 0.00	21.23 0.87 0.00	22.97 0.92 0.00	30.61 1.30 0.00	60.54 2.65 0.00	31.27 1.39 0.00	24.93 0.96 0.00	22.27 0.65 0.00	24.94 0.81 0.00	28.72 0.75 0.00	28.85 0.52 0.00	24.42 0.50 0.00	23.44 0.59 0.00	22.01 0.85 0.00	23.54 1.25 0.00	36.00 1.75 0.00	48.71 2.39 0.00	56.98 2.69 0.00	159.82 7.09 0.00	39.40 1.68 0.00	29.91 1.15 0.00	32.14 1.32 0.00
GARDENVILLE___LBMP 24039	19.06 -0.98 0.00	20.01 -0.91 0.00	19.44 -0.80 0.00	19.65 -0.70 0.00	21.42 -0.63 0.00	28.39 -0.92 0.00	55.57 -2.31 0.00	28.57 -1.31 0.00	23.03 -0.95 0.00	20.83 -0.78 0.00	23.31 -0.83 0.00	26.79 -1.18 0.00	26.96 -1.38 0.00	22.61 -1.32 0.00	21.75 -1.09 0.00	20.29 -0.87 0.00	21.45 -0.84 0.00	32.98 -1.27 0.00	44.65 -1.66 0.00	51.95 -2.34 0.00	146.31 -6.41 0.00	36.10 -1.62 0.00	27.49 -1.27 0.00	29.72 -1.11 0.00
GARDNVLA_35_KV_LD 355827	19.12 -0.92 0.00	20.09 -0.84 0.00	19.51 -0.74 0.00	19.72 -0.63 0.00	21.49 -0.56 0.00	28.48 -0.83 0.00	55.76 -2.12 0.00	28.67 -1.20 0.00	23.11 -0.87 0.00	20.92 -0.70 0.00	23.40 -0.73 0.00	26.89 -1.07 0.00	27.07 -1.27 0.00	22.70 -1.23 0.00	21.85 -1.00 0.00	20.37 -0.78 0.00	21.54 -0.75 0.00	33.11 -1.14 0.00	44.84 -1.47 0.00	52.17 -2.12 0.00	146.91 -5.81 0.00	36.23 -1.49 0.00	27.58 -1.18 0.00	29.81 -1.01 0.00
GELCKHM___115KV_LOAD 80723	19.65 -0.39 0.00	20.49 -0.43 0.00	19.84 -0.40 0.00	19.99 -0.37 0.00	21.65 -0.40 0.00	28.81 -0.49 0.00	56.95 -0.94 0.00	29.44 -0.44 0.00	23.63 -0.35 0.00	21.28 -0.33 0.00	23.72 -0.42 0.00	27.37 -0.59 0.00	27.62 -0.72 0.00	23.31 -0.61 0.00	22.31 -0.53 0.00	20.77 -0.39 0.00	21.98 -0.30 0.00	33.81 -0.44 0.00	45.73 -0.58 0.00	53.72 -0.57 0.00	151.56 -1.17 0.00	37.36 -0.36 0.00	28.40 -0.36 0.00	30.37 -0.46 0.00
GENERAL___MILLS 23808	19.11 -0.93 0.00	20.07 -0.85 0.00	19.49 -0.75 0.00	19.71 -0.65 0.00	21.47 -0.58 0.00	28.45 -0.86 0.00	55.71 -2.18 0.00	28.64 -1.23 0.00	23.08 -0.89 0.00	20.89 -0.72 0.00	23.36 -0.77 0.00	26.86 -1.11 0.00	27.03 -1.31 0.00	22.67 -1.25 0.00	21.82 -1.02 0.00	20.35 -0.81 0.00	21.52 -0.77 0.00	33.07 -1.18 0.00	44.78 -1.54 0.00	52.10 -2.19 0.00	146.69 -6.03 0.00	36.19 -1.53 0.00	27.55 -1.21 0.00	29.80 -1.03 0.00
GE_PLASTICS___DRP 24183	20.73 0.70 0.00	21.58 0.66 0.00	20.88 0.64 0.00	21.00 0.64 0.00	22.72 0.67 0.00	30.25 0.94 0.00	59.73 1.85 0.00	30.85 0.97 0.00	24.71 0.73 0.00	22.15 0.54 0.00	24.78 0.65 0.00	28.54 0.57 0.00	28.77 0.43 0.00	24.36 0.44 0.00	23.33 0.48 0.00	21.75 0.59 0.00	23.05 0.76 0.00	35.27 1.02 0.00	47.69 1.37 0.00	55.84 1.55 0.00	156.97 4.24 0.00	38.75 1.02 0.00	29.48 0.72 0.00	31.59 0.76 0.00
GILBOA___1 23756	20.77 0.73 0.00	21.60 0.68 0.00	20.90 0.66 0.00	21.02 0.66 0.00	22.75 0.70 0.00	30.33 1.02 0.00	59.94 2.05 0.00	30.99 1.11 0.00	24.84 0.87 0.00	22.31 0.70 0.00	24.95 0.81 0.00	28.74 0.78 0.00	28.96 0.62 0.00	24.50 0.58 0.00	23.46 0.62 0.00	21.84 0.68 0.00	23.10 0.81 0.00	35.43 1.19 0.00	47.86 1.54 0.00	56.15 1.86 0.00	157.64 4.91 0.00	38.96 1.24 0.00	29.64 0.88 0.00	31.75 0.92 0.00
GILBOA___2 23757	20.77 0.73 0.00	21.60 0.68 0.00	20.90 0.66 0.00	21.02 0.66 0.00	22.75 0.70 0.00	30.33 1.02 0.00	59.94 2.05 0.00	30.99 1.11 0.00	24.84 0.87 0.00	22.31 0.70 0.00	24.95 0.81 0.00	28.74 0.78 0.00	28.96 0.62 0.00	24.50 0.58 0.00	23.46 0.62 0.00	21.84 0.68 0.00	23.10 0.81 0.00	35.43 1.19 0.00	47.86 1.54 0.00	56.15 1.86 0.00	157.64 4.91 0.00	38.96 1.24 0.00	29.64 0.88 0.00	31.75 0.92 0.00
GILBOA___3 23758	20.77 0.73 0.00	21.60 0.68 0.00	20.90 0.66 0.00	21.02 0.66 0.00	22.75 0.70 0.00	30.33 1.02 0.00	59.94 2.05 0.00	30.99 1.11 0.00	24.84 0.87 0.00	22.31 0.70 0.00	24.95 0.81 0.00	28.74 0.78 0.00	28.96 0.62 0.00	24.50 0.58 0.00	23.46 0.62 0.00	21.84 0.68 0.00	23.10 0.81 0.00	35.43 1.19 0.00	47.86 1.54 0.00	56.15 1.86 0.00	157.64 4.91 0.00	38.96 1.24 0.00	29.64 0.88 0.00	31.75 0.92 0.00

GILBOA___4 23759	20.77 0.73 0.00	21.60 0.68 0.00	20.90 0.66 0.00	21.02 0.66 0.00	22.75 0.70 0.00	30.33 1.02 0.00	59.94 2.05 0.00	30.99 1.11 0.00	24.84 0.87 0.00	22.31 0.70 0.00	24.95 0.81 0.00	28.74 0.78 0.00	28.96 0.62 0.00	24.50 0.58 0.00	23.46 0.62 0.00	21.84 0.68 0.00	23.10 0.81 0.00	35.43 1.19 0.00	47.86 1.54 0.00	56.15 1.86 0.00	157.64 4.91 0.00	38.96 1.24 0.00	29.64 0.88 0.00	31.75 0.92 0.00
GILBOA____ 23599	20.76 0.73 0.00	21.60 0.68 0.00	20.90 0.66 0.00	21.02 0.66 0.00	22.75 0.70 0.00	30.33 1.02 0.00	59.94 2.06 0.00	30.98 1.11 0.00	24.85 0.87 0.00	22.32 0.70 0.00	24.95 0.81 0.00	28.74 0.78 0.00	28.96 0.62 0.00	24.50 0.58 0.00	23.46 0.62 0.00	21.84 0.68 0.00	23.10 0.81 0.00	35.43 1.18 0.00	47.86 1.54 0.00	56.15 1.86 0.00	157.64 4.91 0.00	38.96 1.24 0.00	29.64 0.88 0.00	31.75 0.92 0.00
GINNA____ 23603	18.59 -1.45 0.00	19.43 -1.49 0.00	18.85 -1.40 0.00	18.98 -1.38 0.00	20.62 -1.43 0.00	27.40 -1.91 0.00	54.04 -3.85 0.00	27.21 -2.00 0.67	21.53 -1.59 0.85	19.43 -1.45 0.73	22.18 -1.62 0.33	25.86 -1.99 0.12	26.13 -2.21 0.00	21.92 -1.93 0.08	21.09 -1.76 0.00	19.60 -1.52 0.04	20.45 -1.46 0.38	28.12 -2.13 4.00	38.07 -2.81 5.44	48.51 -3.48 2.30	140.02 -9.57 3.14	34.26 -2.48 0.98	26.14 -2.00 0.63	27.85 -2.12 0.86
GLEN PARK____ 23778	19.38 -0.66 0.00	20.25 -0.67 0.00	19.75 -0.49 0.00	20.10 -0.26 0.00	22.07 0.02 0.00	29.78 0.47 0.00	59.48 1.59 0.00	30.78 0.90 0.00	24.62 0.64 0.00	21.96 0.34 0.00	24.27 0.14 0.00	27.84 -0.13 0.00	27.93 -0.40 0.00	23.39 -0.53 0.00	22.13 -0.72 0.00	20.51 -0.65 0.00	22.15 -0.14 0.00	35.52 1.28 0.00	48.42 2.10 0.00	56.06 1.77 0.00	157.55 4.83 0.00	38.49 0.77 0.00	29.20 0.44 0.00	31.21 0.39 0.00
GLENDALE_27_KV_LOAD 356172	21.67 1.64 0.00	22.41 1.48 0.00	21.71 1.47 0.00	21.79 1.44 0.00	23.53 1.48 0.00	31.48 2.17 0.00	62.32 4.43 0.00	32.36 2.49 0.00	26.00 2.03 0.00	23.38 1.76 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.14 1.80 0.00	25.51 1.59 0.00	24.45 1.61 0.00	22.74 1.58 0.00	24.06 1.78 0.00	36.82 2.57 0.00	49.74 3.43 0.00	58.34 4.05 0.00	162.82 10.10 0.00	40.41 2.69 0.00	30.73 1.97 0.00	32.78 1.95 0.00
GLENWOOD_IC_1_G5 23712	21.93 1.89 0.00	22.70 1.78 0.00	21.93 1.69 0.00	22.03 1.68 0.00	23.80 1.75 0.00	31.85 2.54 0.00	62.94 5.06 0.00	32.67 2.78 0.00	26.25 2.27 0.00	23.54 1.93 0.00	26.40 2.26 0.00	30.29 2.32 0.00	30.36 2.02 0.00	25.69 1.77 0.00	25.12 1.88 -0.39	36.20 1.86 -13.18	51.94 2.07 -27.58	36.98 2.73 0.00	49.77 3.46 0.00	58.48 4.19 0.00	163.39 10.66 0.00	40.86 3.14 0.00	31.13 2.36 0.00	33.71 2.46 -0.41
GLENWOOD_IC_2_G1 23688	21.82 1.78 0.00	22.60 1.67 0.00	21.84 1.60 0.00	21.94 1.58 0.00	23.69 1.64 0.00	31.70 2.39 0.00	62.63 4.74 0.00	32.50 2.63 0.00	26.11 2.14 0.00	23.42 1.81 0.00	26.25 2.11 0.00	30.13 2.17 0.00	30.20 1.87 0.00	25.56 1.64 0.00	24.98 1.75 -0.39	36.07 1.73 -13.18	51.82 1.95 -27.58	36.97 2.72 0.00	49.76 3.45 0.00	58.42 4.13 0.00	162.92 10.20 0.00	40.63 2.91 0.00	30.95 2.20 0.00	33.30 2.29 -0.19
GLENWOOD_IC_3_G1 23689	21.82 1.78 0.00	22.60 1.67 0.00	21.84 1.60 0.00	21.94 1.58 0.00	23.69 1.64 0.00	31.70 2.39 0.00	62.63 4.74 0.00	32.50 2.63 0.00	26.11 2.14 0.00	23.42 1.81 0.00	26.25 2.11 0.00	30.13 2.17 0.00	30.20 1.87 0.00	25.56 1.64 0.00	24.98 1.75 -0.39	36.07 1.73 -13.18	51.82 1.95 -27.58	36.97 2.72 0.00	49.76 3.45 0.00	58.42 4.13 0.00	162.92 10.20 0.00	40.63 2.91 0.00	30.95 2.20 0.00	33.30 2.29 -0.19
GLENWOOD___4 23550	21.93 1.89 0.00	22.70 1.78 0.00	21.93 1.69 0.00	22.03 1.68 0.00	23.80 1.75 0.00	31.85 2.54 0.00	62.94 5.06 0.00	32.67 2.78 0.00	26.25 2.27 0.00	23.54 1.93 0.00	26.40 2.26 0.00	30.29 2.32 0.00	30.36 2.02 0.00	25.69 1.77 0.00	25.12 1.88 -0.39	36.20 1.86 -13.18	51.95 2.08 -27.58	37.06 2.81 0.00	49.90 3.58 0.00	58.59 4.30 0.00	163.54 10.82 0.00	40.86 3.14 0.00	31.13 2.36 0.00	33.71 2.46 -0.41
GLENWOOD___5 23614	21.93 1.89 0.00	22.70 1.78 0.00	21.93 1.69 0.00	22.03 1.68 0.00	23.80 1.75 0.00	31.85 2.54 0.00	62.94 5.06 0.00	32.67 2.78 0.00	26.25 2.27 0.00	23.54 1.93 0.00	26.40 2.26 0.00	30.29 2.32 0.00	30.36 2.02 0.00	25.69 1.77 0.00	25.12 1.88 -0.39	36.20 1.86 -13.18	51.95 2.08 -27.58	37.06 2.81 0.00	49.90 3.58 0.00	58.59 4.30 0.00	163.54 10.82 0.00	40.86 3.14 0.00	31.13 2.36 0.00	33.71 2.46 -0.41
GLOBAL GREEN_PORT_GT1 23814	22.47 2.44 0.00	23.20 2.27 0.00	22.36 2.12 0.00	22.46 2.11 0.00	24.30 2.25 0.00	32.66 3.35 0.00	64.53 6.65 0.00	33.43 3.55 0.00	26.91 2.93 0.00	24.05 2.43 0.00	26.84 2.71 0.00	30.81 2.84 0.00	30.78 2.44 0.00	26.11 2.19 0.00	25.65 2.42 -0.39	36.81 2.47 -13.18	110.20 2.86 -85.05	334.51 3.42 -296.84	162.92 5.14 -111.47	230.73 6.14 -170.29	167.78 15.06 0.00	41.78 4.06 0.00	31.86 3.09 0.00	34.32 3.32 -0.18
GLOBE___DSASP 323697	18.48 -1.55 0.00	19.40 -1.53 0.00	18.84 -1.41 0.00	19.00 -1.36 0.00	20.66 -1.39 0.00	27.30 -2.01 0.00	52.99 -4.89 0.00	27.21 -2.67 0.00	22.01 -1.97 0.00	19.95 -1.67 0.00	22.22 -1.92 0.00	25.50 -2.47 0.00	25.64 -2.69 0.00	21.52 -2.40 0.00	20.69 -2.15 0.00	19.30 -1.86 0.00	20.49 -1.80 0.00	31.64 -2.61 0.00	42.73 -3.58 0.00	49.41 -4.88 0.00	138.89 -13.84 0.00	34.36 -3.36 0.00	26.25 -2.51 0.00	28.53 -2.30 0.00
GOETHSLN___LBMP 323567	21.44 1.40 0.00	22.17 1.25 0.00	21.47 1.23 0.00	21.57 1.22 0.00	23.29 1.24 0.00	31.17 1.86 0.00	61.65 3.77 0.00	31.99 2.12 0.00	25.67 1.70 0.00	23.08 1.47 0.00	25.79 1.66 0.00	29.64 1.67 0.00	29.77 1.43 0.00	25.20 1.27 0.00	24.15 1.31 0.00	22.46 1.30 0.00	23.68 1.46 0.07	36.35 2.11 0.00	49.10 2.78 0.00	57.57 3.28 0.00	160.68 7.96 0.00	39.89 2.16 0.00	30.35 1.59 0.00	32.38 1.56 0.00
GOLAH___69_KV_TB 1_2 80279	19.51 -0.53 0.00	20.42 -0.50 0.00	19.80 -0.44 0.00	19.96 -0.40 0.00	21.69 -0.36 0.00	28.80 -0.51 0.00	56.65 -1.23 0.00	29.20 -0.68 0.00	23.45 -0.52 0.00	21.12 -0.49 0.00	23.56 -0.57 0.00	27.13 -0.83 0.00	27.34 -1.00 0.00	22.99 -0.93 0.00	22.06 -0.78 0.00	20.53 -0.63 0.00	21.79 -0.50 0.00	33.64 -0.62 0.00	45.58 -0.73 0.00	53.17 -1.12 0.00	149.90 -2.83 0.00	36.91 -0.81 0.00	28.05 -0.71 0.00	30.19 -0.63 0.00
GOODYEAR_LAKE_HYD 323669	20.86 0.83 0.00	21.75 0.82 0.00	21.03 0.79 0.00	21.14 0.79 0.00	22.97 0.92 0.00	30.63 1.32 0.00	60.75 2.87 0.00	31.49 1.61 0.00	25.34 1.37 0.00	22.82 1.21 0.00	25.43 1.29 0.00	29.35 1.38 0.00	29.59 1.26 0.00	24.93 1.00 0.00	23.83 0.98 0.00	22.11 0.95 0.00	23.43 1.14 0.00	36.23 1.98 0.00	49.12 2.81 0.00	57.57 3.28 0.00	161.73 9.01 0.00	39.97 2.24 0.00	30.42 1.66 0.00	32.53 1.71 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	20.14 0.11 0.00	21.00 0.07 0.00	20.29 0.05 0.00	20.43 0.07 0.00	22.17 0.12 0.00	29.56 0.25 0.00	58.54 0.65 0.00	30.40 0.52 0.00	24.45 0.48 0.00	21.98 0.36 0.00	24.51 0.37 0.00	28.26 0.30 0.00	28.44 0.11 0.00	23.99 0.07 0.00	23.00 0.15 0.00	21.45 0.29 0.00	22.70 0.41 0.00	34.97 0.72 0.00	47.36 1.05 0.00	55.59 1.30 0.00	156.31 3.59 0.00	156.31 3.59 0.00	38.57 0.84 0.00	29.32 0.56 0.00	31.39 0.56 0.00
GOUDEY___7 23579	20.16 0.12 0.00	21.02 0.09 0.00	20.30 0.06 0.00	20.44 0.09 0.00	22.19 0.14 0.00	29.59 0.28 0.00	58.58 0.70 0.00	30.43 0.55 0.00	24.47 0.50 0.00	22.00 0.39 0.00	24.53 0.39 0.00	28.29 0.32 0.00	28.47 0.14 0.00	24.01 0.09 0.00	23.02 0.17 0.00	21.47 0.31 0.00	22.73 0.44 0.00	35.00 0.75 0.00	47.41 1.10 0.00	55.65 1.36 0.00	156.46 3.74 0.00	156.46 3.74 0.00	38.61 0.88 0.00	29.34 0.58 0.00	31.42 0.59 0.00
GOUDEY___8 23580	20.14 0.11 0.00	21.00 0.07 0.00	20.29 0.05 0.00	20.43 0.07 0.00	22.17 0.12 0.00	29.56 0.25 0.00	58.54 0.65 0.00	30.40 0.52 0.00	24.45 0.48 0.00	21.98 0.36 0.00	24.51 0.37 0.00	28.26 0.30 0.00	28.44 0.11 0.00	23.99 0.07 0.00	23.00 0.15 0.00	21.45 0.29 0.00	22.70 0.41 0.00	34.97 0.72 0.00	47.36 1.05 0.00	55.59 1.30 0.00	156.31 3.59 0.00	156.31 3.59 0.00	38.57 0.84 0.00	29.32 0.56 0.00	31.39 0.56 0.00
GOWANUS_GT1_1 24077	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT1_2 24078	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT1_3 24079	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT1_4 24080	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT1_5 24084	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT1_6 24111	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT1_7 24112	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT1_8 24113	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT2_1 24114	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT2_2 24115	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT2_3 24116	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT2_4 24117	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00

GOWANUS_GT2_5 24118	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT2_6 24119	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT2_7 24120	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT2_8 24121	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT3_1 24122	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT3_2 24123	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT3_3 24124	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT3_4 24125	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT3_5 24126	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT3_6 24127	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT3_7 24128	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT3_8 24129	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
GOWANUS_GT4_1 24130	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT4_2 24131	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT4_3 24132	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00

GOWANUS_GT4_4 24133	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT4_5 24134	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT4_6 24135	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT4_7 24136	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GOWANUS_GT4_8 24137	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GREENBSH_115KV_TB3 55895	20.68 0.65 0.00	21.53 0.61 0.00	20.84 0.59 0.00	20.95 0.60 0.00	22.66 0.61 0.00	30.15 0.85 0.00	59.53 1.65 0.00	30.73 0.85 0.00	24.62 0.65 0.00	22.07 0.45 0.00	24.70 0.56 0.00	28.42 0.46 0.00	28.65 0.31 0.00	24.28 0.36 0.00	23.25 0.40 0.00	21.70 0.53 0.00	23.00 0.71 0.00	35.12 0.87 0.00	47.50 1.19 0.00	55.61 1.31 0.00	156.36 3.63 0.00	38.57 0.85 0.00	29.34 0.58 0.00	31.45 0.63 0.00
GREENDGE_115KV_TB5 80291	19.96 -0.08 0.00	20.86 -0.06 0.00	20.15 -0.09 0.00	20.34 -0.02 0.00	22.18 0.13 0.00	29.50 0.18 0.00	58.54 0.66 0.00	30.42 0.54 0.00	24.53 0.56 0.00	21.99 0.38 0.00	24.42 0.28 0.00	28.12 0.16 0.00	28.16 -0.17 0.00	23.80 -0.12 0.00	22.81 -0.03 0.00	21.31 0.15 0.00	22.60 0.31 0.00	34.80 0.55 0.00	47.33 1.02 0.00	55.51 1.22 0.00	156.08 3.36 0.00	38.38 0.66 0.00	29.14 0.38 0.00	31.18 0.35 0.00
GREENIDGE___3 23582	19.96 -0.08 0.00	20.86 -0.06 0.00	20.15 -0.09 0.00	20.34 -0.02 0.00	22.18 0.13 0.00	29.50 0.18 0.00	58.54 0.66 0.00	30.42 0.54 0.00	24.53 0.56 0.00	21.99 0.38 0.00	24.42 0.28 0.00	28.12 0.16 0.00	28.16 -0.17 0.00	23.80 -0.12 0.00	22.81 -0.03 0.00	21.31 0.15 0.00	22.60 0.31 0.00	34.80 0.55 0.00	47.33 1.02 0.00	55.51 1.22 0.00	156.08 3.36 0.00	38.38 0.66 0.00	29.14 0.38 0.00	31.18 0.35 0.00
GREENIDGE___4 23583	19.96 -0.08 0.00	20.86 -0.06 0.00	20.15 -0.09 0.00	20.33 -0.02 0.00	22.18 0.13 0.00	29.49 0.19 0.00	58.54 0.66 0.00	31.02 0.54 -0.61	25.30 0.56 -0.77	22.66 0.37 -0.67	24.72 0.28 -0.30	28.24 0.16 -0.11	28.16 -0.18 0.00	23.87 -0.13 -0.07	22.81 -0.03 0.00	21.33 0.14 -0.03	22.90 0.31 -0.30	37.99 0.55 -3.20	51.68 1.02 -4.34	57.34 1.21 -1.84	158.68 3.35 -2.61	39.18 0.65 -0.81	29.65 0.37 -0.52	31.88 0.34 -0.71
GREENLWN_69_KV_BK 3 55738	21.82 1.78 0.00	22.60 1.68 0.00	21.82 1.58 0.00	21.93 1.57 0.00	23.67 1.62 0.00	31.67 2.36 0.00	62.42 4.54 0.00	32.47 2.59 0.00	26.11 2.13 0.00	23.40 1.79 0.00	26.22 2.08 0.00	30.08 2.12 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.97 1.74 -0.39	36.06 1.72 -13.18	24.10 1.93 0.12	-106.05 2.78 143.08	-4.04 3.38 53.73	-23.71 4.08 82.08	162.53 9.81 0.00	40.53 2.81 0.00	30.95 2.19 0.00	33.30 2.28 -0.19
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00
GRISSOM___SOLAR 323813	22.00 1.96 0.00	22.90 1.98 0.00	22.16 1.92 0.00	22.31 1.96 0.00	24.24 2.19 0.00	32.46 3.15 0.00	64.41 6.53 0.00	33.35 3.47 0.00	26.31 2.33 0.00	23.01 1.40 0.00	25.23 1.09 0.00	29.07 1.10 0.00	29.42 1.09 0.00	24.80 0.88 0.00	23.66 0.82 0.00	21.96 0.80 0.00	23.84 1.55 0.00	38.38 4.13 0.00	52.43 6.12 0.00	61.34 7.04 0.00	172.22 19.49 0.00	42.41 4.69 0.00	32.21 3.45 0.00	34.29 3.47 0.00
GROVEVILLE___HYD 323602	21.57 1.53 0.00	22.35 1.43 0.00	21.63 1.38 0.00	21.74 1.38 0.00	23.50 1.46 0.00	31.44 2.13 0.00	62.21 4.32 0.00	32.21 2.33 0.00	25.81 1.84 0.00	23.15 1.53 0.00	25.87 1.73 0.00	29.75 1.78 0.00	29.87 1.54 0.00	25.29 1.37 0.00	24.27 1.43 0.00	22.62 1.46 0.00	23.98 1.69 0.00	36.83 2.58 0.00	49.80 3.48 0.00	58.35 4.06 0.00	163.30 10.58 0.00	40.42 2.69 0.00	30.70 1.94 0.00	32.81 1.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.81 -0.22 0.00	20.67 -0.25 0.00	20.00 -0.24 0.00	20.16 -0.19 0.00	21.84 -0.21 0.00	29.08 -0.23 0.00	57.47 -0.41 0.00	29.71 -0.16 0.00	23.83 -0.14 0.00	21.46 -0.16 0.00	23.91 -0.23 0.00	27.59 -0.38 0.00	27.84 -0.49 0.00	23.50 -0.42 0.00	22.49 -0.35 0.00	20.94 -0.22 0.00	22.18 -0.11 0.00	34.13 -0.12 0.00	46.17 -0.14 0.00	54.24 -0.05 0.00	153.00 0.28 0.00	37.71 -0.02 0.00	28.66 -0.10 0.00	30.64 -0.18 0.00
HAMLTNNY_34_KV_TB 80303	19.85 -0.18 0.00	20.72 -0.21 0.00	20.05 -0.19 0.00	20.20 -0.15 0.00	21.87 -0.18 0.00	29.15 -0.16 0.00	57.31 -0.58 0.00	29.56 -0.31 0.00	23.69 -0.28 0.00	21.38 -0.23 0.00	23.96 -0.18 0.00	27.64 -0.32 0.00	27.89 -0.45 0.00	23.53 -0.39 0.00	22.53 -0.31 0.00	20.98 -0.18 0.00	22.24 -0.05 0.00	34.23 -0.02 0.00	46.28 -0.03 0.00	54.41 0.11 0.00	153.48 0.75 0.00	37.79 0.07 0.00	28.69 -0.07 0.00	30.70 -0.13 0.00

HAMPSHIRE___PAPER_HYD 323593	19.33 -0.71 0.00	20.26 -0.67 0.00	19.64 -0.60 0.00	19.83 -0.53 0.00	21.67 -0.38 0.00	28.92 -0.39 0.00	57.50 -0.39 0.00	29.68 -0.19 0.00	23.84 -0.13 0.00	21.48 -0.14 0.00	23.88 -0.25 0.00	27.64 -0.33 0.00	27.96 -0.37 0.00	23.47 -0.45 0.00	22.25 -0.59 0.00	20.53 -0.63 0.00	21.82 -0.46 0.00	34.28 0.03 0.00	46.51 0.20 0.00	54.03 -0.26 0.00	151.71 -1.01 0.00	37.28 -0.44 0.00	28.51 -0.25 0.00	30.58 -0.25 0.00
HARDSCRABBLE_WT_PWR 323673	20.13 0.09 0.00	20.97 0.05 0.00	20.22 -0.02 0.00	20.36 0.01 0.00	22.01 -0.04 0.00	29.49 0.18 0.00	58.42 0.53 0.00	30.36 0.48 0.00	24.43 0.45 0.00	21.80 0.18 0.00	24.35 0.22 0.00	28.03 0.07 0.00	28.04 -0.30 0.00	23.65 -0.28 0.00	22.53 -0.31 0.00	21.09 -0.06 0.00	22.44 0.15 0.00	34.77 0.52 0.00	47.12 0.80 0.00	55.42 1.13 0.00	156.47 3.74 0.00	38.64 0.92 0.00	29.38 0.62 0.00	31.49 0.66 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.39 1.35 0.00	22.16 1.24 0.00	21.45 1.21 0.00	21.55 1.19 0.00	23.31 1.26 0.00	31.19 1.88 0.00	61.71 3.83 0.00	31.96 2.08 0.00	25.59 1.61 0.00	22.95 1.33 0.00	25.66 1.52 0.00	29.51 1.55 0.00	29.66 1.32 0.00	25.20 1.27 0.00	24.14 1.30 0.00	22.45 1.29 0.00	23.79 1.50 0.00	36.56 2.31 0.00	49.42 3.10 0.00	57.92 3.63 0.00	162.09 9.37 0.00	40.15 2.42 0.00	30.51 1.75 0.00	32.60 1.77 0.00
HARSNRAD_115KV_TB1 81005	18.80 -1.23 0.00	19.74 -1.18 0.00	19.18 -1.06 0.00	19.36 -0.99 0.00	21.07 -0.98 0.00	27.88 -1.43 0.00	54.42 -3.47 0.00	27.95 -1.93 0.00	22.54 -1.44 0.00	20.40 -1.21 0.00	22.79 -1.35 0.00	26.18 -1.79 0.00	26.36 -1.98 0.00	22.08 -1.84 0.00	21.24 -1.60 0.00	19.81 -1.35 0.00	20.98 -1.31 0.00	32.26 -1.99 0.00	43.65 -2.66 0.00	50.75 -3.55 0.00	142.94 -9.78 0.00	35.29 -2.43 0.00	26.90 -1.86 0.00	29.17 -1.65 0.00
HARZA MOOSE___RIVER 24016	19.88 -0.16 0.00	20.77 -0.16 0.00	20.23 -0.02 0.00	20.43 0.07 0.00	22.32 0.27 0.00	29.96 0.65 0.00	59.59 1.70 0.00	30.81 0.93 0.00	24.76 0.79 0.00	22.23 0.61 0.00	24.73 0.60 0.00	28.51 0.54 0.00	28.67 0.33 0.00	24.12 0.20 0.00	22.93 0.09 0.00	21.27 0.11 0.00	22.70 0.42 0.00	35.56 1.31 0.00	48.21 1.90 0.00	56.11 1.82 0.00	157.65 4.93 0.00	38.67 0.95 0.00	29.40 0.64 0.00	31.48 0.65 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.66 -0.38 0.00	20.50 -0.43 0.00	19.85 -0.39 0.00	19.99 -0.36 0.00	21.66 -0.39 0.00	28.83 -0.48 0.00	56.99 -0.90 0.00	29.47 -0.41 0.00	23.66 -0.32 0.00	21.31 -0.31 0.00	23.75 -0.39 0.00	27.41 -0.56 0.00	27.64 -0.69 0.00	23.33 -0.60 0.00	22.33 -0.51 0.00	20.80 -0.37 0.00	22.00 -0.29 0.00	33.81 -0.44 0.00	45.76 -0.56 0.00	53.72 -0.57 0.00	151.61 -1.11 0.00	37.39 -0.34 0.00	28.41 -0.35 0.00	30.39 -0.43 0.00
HELLGATE_13_KV_LD 55870	21.57 1.54 0.00	22.31 1.39 0.00	21.62 1.38 0.00	21.70 1.34 0.00	23.42 1.37 0.00	31.34 2.02 0.00	62.03 4.14 0.00	32.20 2.33 0.00	25.87 1.89 0.00	23.26 1.65 0.00	25.98 1.84 0.00	29.84 1.87 0.00	29.97 1.64 0.00	25.39 1.46 0.00	24.32 1.47 0.00	22.62 1.46 0.00	23.93 1.64 0.00	36.62 2.37 0.00	49.46 3.14 0.00	58.02 3.72 0.00	161.90 9.18 0.00	40.19 2.47 0.00	30.57 1.81 0.00	32.62 1.79 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.57 1.54 0.00	22.31 1.39 0.00	21.62 1.38 0.00	21.70 1.34 0.00	23.42 1.37 0.00	31.34 2.02 0.00	62.03 4.14 0.00	32.20 2.33 0.00	25.87 1.89 0.00	23.26 1.65 0.00	25.98 1.84 0.00	29.84 1.87 0.00	29.97 1.64 0.00	25.39 1.46 0.00	24.32 1.47 0.00	22.62 1.46 0.00	23.93 1.64 0.00	36.62 2.37 0.00	49.46 3.14 0.00	58.02 3.72 0.00	161.90 9.18 0.00	40.19 2.47 0.00	30.57 1.81 0.00	32.62 1.79 0.00
HEMPSTEAD____ 23647	21.84 1.81 0.00	22.62 1.70 0.00	21.85 1.60 0.00	21.95 1.60 0.00	23.70 1.66 0.00	31.71 2.40 0.00	62.66 4.78 0.00	32.52 2.64 0.00	26.13 2.16 0.00	23.43 1.82 0.00	26.26 2.13 0.00	30.13 2.17 0.00	30.21 1.88 0.00	25.57 1.65 0.00	25.00 1.77 0.00	36.10 1.76 -0.39	51.84 1.97 -13.18	37.01 2.76 -27.58	49.80 3.48 0.00	58.45 4.16 0.00	162.88 10.15 0.00	40.65 2.93 0.00	30.98 2.22 0.00	33.54 2.32 -0.39
HEWLETT__69_KV_BK3 55828	21.94 1.90 0.00	22.72 1.80 0.00	21.94 1.70 0.00	22.05 1.69 0.00	23.81 1.76 0.00	31.87 2.56 0.00	62.80 4.91 0.00	32.63 2.75 0.00	26.23 2.26 0.00	23.54 1.93 0.00	26.37 2.24 0.00	30.28 2.32 0.00	30.38 2.05 0.00	25.71 1.78 0.00	25.12 1.88 -0.39	36.20 1.86 -13.18	51.93 2.05 -27.58	37.18 2.93 0.00	50.06 3.75 0.00	58.74 4.45 0.00	163.84 11.12 0.00	40.86 3.14 0.00	31.14 2.37 0.00	34.16 2.47 -0.86
HICKLING___1 23621	19.99 -0.04 0.00	20.86 -0.06 0.00	20.13 -0.11 0.00	20.29 -0.07 0.00	22.15 0.10 0.00	29.65 0.34 0.00	58.98 1.09 0.00	30.60 0.72 0.00	24.63 0.65 0.00	22.10 0.48 0.00	24.67 0.53 0.00	28.45 0.49 0.00	28.57 0.23 0.00	24.07 0.14 0.00	23.08 0.24 0.00	21.53 0.37 0.00	22.76 0.47 0.00	35.10 0.85 0.00	47.65 1.33 0.00	55.98 1.69 0.00	157.35 4.63 0.00	38.74 1.02 0.00	29.41 0.65 0.00	31.48 0.65 0.00
HICKLING___2 23622	19.99 -0.04 0.00	20.86 -0.06 0.00	20.13 -0.11 0.00	20.29 -0.07 0.00	22.15 0.10 0.00	29.65 0.34 0.00	58.98 1.09 0.00	30.60 0.72 0.00	24.63 0.65 0.00	22.10 0.48 0.00	24.67 0.53 0.00	28.45 0.49 0.00	28.57 0.23 0.00	24.07 0.14 0.00	23.08 0.24 0.00	21.53 0.37 0.00	22.76 0.47 0.00	35.10 0.85 0.00	47.65 1.33 0.00	55.98 1.69 0.00	157.35 4.63 0.00	38.74 1.02 0.00	29.41 0.65 0.00	31.48 0.65 0.00
HIGH FALLS___HY 23754	21.57 1.54 0.00	22.34 1.42 0.00	21.61 1.36 0.00	21.71 1.36 0.00	23.49 1.44 0.00	31.46 2.15 0.00	62.33 4.44 0.00	32.32 2.44 0.00	25.86 1.89 0.00	23.15 1.53 0.00	25.78 1.64 0.00	29.55 1.58 0.00	29.47 1.13 0.00	24.97 1.05 0.00	23.96 1.12 0.00	22.34 1.18 0.00	23.69 1.40 0.00	36.64 2.39 0.00	49.59 3.28 0.00	58.36 4.07 0.00	163.80 11.08 0.00	40.58 2.86 0.00	30.82 2.06 0.00	32.88 2.05 0.00
HILLBURN___GT 23639	21.39 1.35 0.00	22.16 1.24 0.00	21.45 1.21 0.00	21.55 1.19 0.00	23.30 1.25 0.00	31.19 1.88 0.00	61.71 3.82 0.00	31.96 2.09 0.00	25.59 1.62 0.00	22.97 1.36 0.00	25.68 1.55 0.00	29.54 1.57 0.00	29.67 1.34 0.00	25.17 1.25 0.00	24.14 1.30 0.00	22.44 1.28 0.00	23.76 1.47 0.00	36.45 2.20 0.00	49.26 2.95 0.00	57.77 3.48 0.00	161.54 8.81 0.00	40.07 2.35 0.00	30.46 1.70 0.00	32.54 1.71 0.00
HILLSIDE_115KV_TB1 80332	19.83 -0.21 0.00	20.66 -0.27 0.00	19.94 -0.30 0.00	20.08 -0.28 0.00	21.86 -0.19 0.00	29.23 -0.08 0.00	58.01 0.12 0.00	30.05 0.17 0.00	24.16 0.19 0.00	21.72 0.11 0.00	24.27 0.14 0.00	28.01 0.05 0.00	28.13 -0.20 0.00	23.71 -0.21 0.00	22.76 -0.08 0.00	21.20 0.04 0.00	22.38 0.08 0.00	34.45 0.20 0.00	46.71 0.40 0.00	54.93 0.64 0.00	154.48 1.76 0.00	38.02 0.29 0.00	28.89 0.12 0.00	30.93 0.10 0.00

HISHELDN_WT_PWR 323625	18.66 -1.38 0.00	19.65 -1.27 0.00	19.14 -1.10 0.00	19.45 -0.91 0.00	21.27 -0.78 0.00	28.20 -1.11 0.00	55.23 -2.65 0.00	26.56 -1.48 1.83	20.55 -1.10 2.33	18.67 -0.93 2.02	22.22 -1.00 0.92	26.29 -1.35 0.33	26.77 -1.56 0.00	22.24 -1.47 0.21	21.61 -1.24 0.00	20.06 -1.00 0.09	20.28 -0.98 1.02	21.91 -1.47 10.87	29.60 -1.94 14.78	45.31 -2.72 6.25	136.47 -7.57 8.68	33.13 -1.88 2.71	25.54 -1.48 1.73	27.07 -1.38 2.37
HOLTSVILLE_IC_1 23690	22.02 1.98 0.00	22.82 1.89 0.00	22.01 1.77 0.00	22.10 1.75 0.00	23.86 1.81 0.00	31.95 2.64 0.00	63.13 5.25 0.00	32.77 2.88 0.00	26.41 2.43 0.00	23.62 2.00 0.00	26.40 2.26 0.00	30.27 2.30 0.00	30.28 1.94 0.00	25.64 1.71 0.00	25.13 1.90 -0.39	36.25 1.91 -13.18	105.06 2.19 -80.59	311.05 2.98 -273.82	152.69 3.56 -102.82	215.90 4.52 -157.08	163.85 11.13 0.00	40.91 3.18 0.00	31.19 2.43 0.00	33.59 2.58 -0.18
HOLTSVILLE_IC_10 23699	22.11 2.08 0.00	22.91 1.99 0.00	22.10 1.86 0.00	22.19 1.84 0.00	23.95 1.91 0.00	32.08 2.78 0.00	63.42 5.54 0.00	32.92 3.04 0.00	26.54 2.56 0.00	23.74 2.12 0.00	26.52 2.38 0.00	30.40 2.44 0.00	30.42 2.08 0.00	25.74 1.82 0.00	25.25 2.01 -0.39	36.36 2.02 -13.18	120.94 2.31 -96.34	392.64 3.20 -355.19	183.55 3.86 -133.38	262.83 4.77 -203.77	164.86 12.13 0.00	41.14 3.41 0.00	31.36 2.60 0.00	33.76 2.75 -0.18
HOLTSVILLE_IC_2 23691	22.02 1.98 0.00	22.82 1.89 0.00	22.01 1.77 0.00	22.10 1.75 0.00	23.86 1.81 0.00	31.95 2.64 0.00	63.13 5.25 0.00	32.77 2.88 0.00	26.41 2.43 0.00	23.62 2.00 0.00	26.40 2.26 0.00	30.27 2.30 0.00	30.28 1.94 0.00	25.64 1.71 0.00	25.13 1.90 -0.39	36.25 1.91 -13.18	105.06 2.19 -80.59	311.05 2.98 -273.82	152.69 3.56 -102.82	215.90 4.52 -157.08	163.85 11.13 0.00	40.91 3.18 0.00	31.19 2.43 0.00	33.59 2.58 -0.18
HOLTSVILLE_IC_3 23692	22.02 1.98 0.00	22.82 1.89 0.00	22.01 1.77 0.00	22.10 1.75 0.00	23.86 1.81 0.00	31.95 2.64 0.00	63.13 5.25 0.00	32.77 2.88 0.00	26.41 2.43 0.00	23.62 2.00 0.00	26.40 2.26 0.00	30.27 2.30 0.00	30.28 1.94 0.00	25.64 1.71 0.00	25.13 1.90 -0.39	36.25 1.91 -13.18	105.06 2.19 -80.59	311.05 2.98 -273.82	152.69 3.56 -102.82	215.90 4.52 -157.08	163.85 11.13 0.00	40.91 3.18 0.00	31.19 2.43 0.00	33.59 2.58 -0.18
HOLTSVILLE_IC_4 23693	22.02 1.98 0.00	22.82 1.89 0.00	22.01 1.77 0.00	22.10 1.75 0.00	23.86 1.81 0.00	31.95 2.64 0.00	63.13 5.25 0.00	32.77 2.88 0.00	26.41 2.43 0.00	23.62 2.00 0.00	26.40 2.26 0.00	30.27 2.30 0.00	30.28 1.94 0.00	25.64 1.71 0.00	25.13 1.90 -0.39	36.25 1.91 -13.18	105.06 2.19 -80.59	311.05 2.98 -273.82	152.69 3.56 -102.82	215.90 4.52 -157.08	163.85 11.13 0.00	40.91 3.18 0.00	31.19 2.43 0.00	33.59 2.58 -0.18
HOLTSVILLE_IC_5 23694	22.02 1.98 0.00	22.82 1.89 0.00	22.01 1.77 0.00	22.10 1.75 0.00	23.86 1.81 0.00	31.95 2.64 0.00	63.13 5.25 0.00	32.77 2.88 0.00	26.41 2.43 0.00	23.62 2.00 0.00	26.40 2.26 0.00	30.27 2.30 0.00	30.28 1.94 0.00	25.64 1.71 0.00	25.13 1.90 -0.39	36.25 1.91 -13.18	105.06 2.19 -80.59	311.05 2.98 -273.82	152.69 3.56 -102.82	215.90 4.52 -157.08	163.85 11.13 0.00	40.91 3.18 0.00	31.19 2.43 0.00	33.59 2.58 -0.18
HOLTSVILLE_IC_6 23695	22.11 2.08 0.00	22.91 1.99 0.00	22.10 1.86 0.00	22.19 1.84 0.00	23.95 1.91 0.00	32.08 2.78 0.00	63.42 5.54 0.00	32.92 3.04 0.00	26.54 2.56 0.00	23.74 2.12 0.00	26.52 2.38 0.00	30.40 2.44 0.00	30.42 2.08 0.00	25.74 1.82 0.00	25.25 2.01 -0.39	36.36 2.02 -13.18	120.94 2.31 -96.34	392.64 3.20 -355.19	183.55 3.86 -133.38	262.83 4.77 -203.77	164.86 12.13 0.00	41.14 3.41 0.00	31.36 2.60 0.00	33.76 2.75 -0.18
HOLTSVILLE_IC_7 23696	22.11 2.08 0.00	22.91 1.99 0.00	22.10 1.86 0.00	22.19 1.84 0.00	23.95 1.91 0.00	32.08 2.78 0.00	63.42 5.54 0.00	32.92 3.04 0.00	26.54 2.56 0.00	23.74 2.12 0.00	26.52 2.38 0.00	30.40 2.44 0.00	30.42 2.08 0.00	25.74 1.82 0.00	25.25 2.01 -0.39	36.36 2.02 -13.18	120.94 2.31 -96.34	392.64 3.20 -355.19	183.55 3.86 -133.38	262.83 4.77 -203.77	164.86 12.13 0.00	41.14 3.41 0.00	31.36 2.60 0.00	33.76 2.75 -0.18
HOLTSVILLE_IC_8 23697	22.11 2.08 0.00	22.91 1.99 0.00	22.10 1.86 0.00	22.19 1.84 0.00	23.95 1.91 0.00	32.08 2.78 0.00	63.42 5.54 0.00	32.92 3.04 0.00	26.54 2.56 0.00	23.74 2.12 0.00	26.52 2.38 0.00	30.40 2.44 0.00	30.42 2.08 0.00	25.74 1.82 0.00	25.25 2.01 -0.39	36.36 2.02 -13.18	120.94 2.31 -96.34	392.64 3.20 -355.19	183.55 3.86 -133.38	262.83 4.77 -203.77	164.86 12.13 0.00	41.14 3.41 0.00	31.36 2.60 0.00	33.76 2.75 -0.18
HOLTSVILLE_IC_9 23698	22.11 2.08 0.00	22.91 1.99 0.00	22.10 1.86 0.00	22.19 1.84 0.00	23.95 1.91 0.00	32.08 2.78 0.00	63.42 5.54 0.00	32.92 3.04 0.00	26.54 2.56 0.00	23.74 2.12 0.00	26.52 2.38 0.00	30.40 2.44 0.00	30.42 2.08 0.00	25.74 1.82 0.00	25.25 2.01 -0.39	36.36 2.02 -13.18	120.94 2.31 -96.34	392.64 3.20 -355.19	183.55 3.86 -133.38	262.83 4.77 -203.77	164.86 12.13 0.00	41.14 3.41 0.00	31.36 2.60 0.00	33.76 2.75 -0.18
HOMER_HL_115KV_TB2 355744	19.96 -0.08 0.00	20.92 0.00 0.00	20.23 -0.02 0.00	20.39 0.03 0.00	22.13 0.08 0.00	29.33 0.02 0.00	57.77 -0.11 0.00	29.83 -0.05 0.00	24.04 0.07 0.00	21.69 0.07 0.00	24.39 0.26 0.00	28.17 0.21 0.00	28.37 0.04 0.00	23.79 -0.13 0.00	22.84 0.00 0.00	21.27 0.11 0.00	22.47 0.18 0.00	34.29 0.04 0.00	46.43 0.12 0.00	54.21 -0.08 0.00	152.61 -0.12 0.00	37.78 0.06 0.00	28.90 0.14 0.00	31.21 0.38 0.00
HOWARD_WT_PWR 323690	19.30 -0.74 0.00	20.54 -0.39 0.00	19.62 -0.62 0.00	19.87 -0.49 0.00	22.10 0.05 0.00	29.47 0.16 0.00	59.42 1.53 0.00	31.39 1.11 -0.40	25.57 1.09 -0.51	22.85 0.79 -0.44	25.07 0.73 -0.20	28.77 0.73 -0.07	28.77 0.44 0.00	24.30 0.32 -0.05	23.24 0.40 0.00	21.71 0.54 -0.02	23.23 0.76 -0.19	37.80 1.57 -1.98	51.43 2.43 -2.69	58.28 2.85 -1.14	162.31 7.94 -1.65	40.05 1.81 -0.51	30.24 1.15 -0.33	32.46 1.19 -0.45
HQ_GEN_CEDARS 23644	19.76 -0.28 0.00	20.74 -0.18 0.00	20.03 -0.21 0.00	20.10 -0.26 0.00	21.83 -0.22 0.00	28.87 -0.43 0.00	57.04 -0.85 0.00	29.38 -0.51 0.00	23.60 -0.38 0.00	21.40 -0.22 0.00	23.87 -0.26 0.00	27.86 -0.11 0.00	28.44 0.10 0.00	23.90 -0.02 0.00	22.73 -0.12 0.00	20.87 -0.28 0.00	21.89 -0.40 0.00	33.78 -0.47 0.00	45.73 -0.58 0.00	53.38 -0.92 0.00	149.99 -2.73 0.00	37.11 -0.61 0.00	28.47 -0.29 0.00	30.59 -0.23 0.00
HQ_GEN_CEDARS_PROXY 323590	19.76 -0.28 0.00	20.74 -0.18 0.00	20.03 -0.21 0.00	20.10 -0.25 0.00	21.83 -0.22 0.00	28.88 -0.43 0.00	57.04 -0.85 0.00	29.38 -0.51 0.00	23.60 -0.38 0.00	21.40 -0.21 0.00	23.88 -0.26 0.00	27.86 -0.11 0.00	28.44 0.10 0.00	23.90 -0.02 0.00	22.73 -0.12 0.00	20.70 -0.28 0.18	21.71 -0.40 0.18	33.78 -0.47 0.00	45.73 -0.58 0.00	53.38 -0.91 0.00	149.99 -2.73 0.00	37.11 -0.61 0.00	28.48 -0.28 0.00	30.59 -0.23 0.00

HQ_GEN_IMPORT 323601	19.77 -0.26 0.00	20.74 -0.19 0.00	20.04 -0.20 0.00	20.13 -0.22 0.00	21.83 -0.22 0.00	28.91 -0.40 0.00	57.06 -0.82 0.00	29.38 -0.49 0.00	23.59 -0.38 0.00	21.37 -0.25 0.00	23.87 -0.26 0.00	27.85 -0.12 0.00	28.42 0.09 0.00	23.95 0.02 0.00	22.97 -0.05 -0.18	19.65 -0.21 1.29	21.66 -0.36 0.27	33.73 -0.52 0.00	45.61 -0.71 0.00	53.39 -0.90 0.00	150.13 -2.60 0.00	37.12 -0.60 0.00	28.40 -0.36 0.00	30.51 -0.32 0.00
HQ_GEN_WHEEL 23651	19.77 -0.26 0.00	20.74 -0.19 0.00	20.04 -0.20 0.00	20.13 -0.22 0.00	21.83 -0.22 0.00	28.91 -0.40 0.00	57.06 -0.82 0.00	29.38 -0.49 0.00	23.59 -0.38 0.00	21.37 -0.25 0.00	23.87 -0.26 0.00	27.85 -0.12 0.00	28.42 0.09 0.00	23.95 0.02 0.00	22.97 -0.05 -0.18	19.65 -0.21 1.29	21.66 -0.36 0.27	33.73 -0.52 0.00	45.61 -0.71 0.00	53.39 -0.90 0.00	150.13 -2.60 0.00	37.12 -0.60 0.00	28.40 -0.36 0.00	30.51 -0.32 0.00
HUDSON AVE_GT_3 23810	21.59 1.55 0.00	22.33 1.41 0.00	21.63 1.38 0.00	21.73 1.38 0.00	23.45 1.40 0.00	31.39 2.08 0.00	62.09 4.20 0.00	32.22 2.34 0.00	25.87 1.90 0.00	23.27 1.65 0.00	26.00 1.86 0.00	29.88 1.92 0.00	30.01 1.68 0.00	25.40 1.48 0.00	24.34 1.50 0.00	22.64 1.48 0.00	23.95 1.66 0.00	36.66 2.41 0.00	49.50 3.19 0.00	58.05 3.76 0.00	162.02 9.30 0.00	40.18 2.46 0.00	30.57 1.81 0.00	32.62 1.80 0.00
HUDSON AVE_GT_4 23540	21.59 1.55 0.00	22.33 1.41 0.00	21.63 1.38 0.00	21.73 1.38 0.00	23.45 1.40 0.00	31.39 2.08 0.00	62.09 4.20 0.00	32.22 2.34 0.00	25.87 1.90 0.00	23.27 1.65 0.00	26.00 1.86 0.00	29.88 1.92 0.00	30.01 1.68 0.00	25.40 1.48 0.00	24.34 1.50 0.00	22.64 1.48 0.00	23.95 1.66 0.00	36.66 2.41 0.00	49.50 3.19 0.00	58.05 3.76 0.00	162.02 9.30 0.00	40.18 2.46 0.00	30.57 1.81 0.00	32.62 1.80 0.00
HUDSON AVE_GT_5 23657	21.59 1.55 0.00	22.33 1.41 0.00	21.63 1.38 0.00	21.73 1.38 0.00	23.45 1.40 0.00	31.39 2.08 0.00	62.09 4.20 0.00	32.22 2.34 0.00	25.87 1.90 0.00	23.27 1.65 0.00	26.00 1.86 0.00	29.88 1.92 0.00	30.01 1.68 0.00	25.40 1.48 0.00	24.34 1.50 0.00	22.64 1.48 0.00	23.95 1.66 0.00	36.66 2.41 0.00	49.50 3.19 0.00	58.05 3.76 0.00	162.02 9.30 0.00	40.18 2.46 0.00	30.57 1.81 0.00	32.62 1.80 0.00
HUDSON_AVE_10 24168	21.55 1.52 0.00	22.28 1.35 0.00	21.59 1.35 0.00	21.69 1.34 0.00	23.40 1.35 0.00	31.31 2.00 0.00	61.92 4.03 0.00	32.15 2.27 0.00	25.80 1.83 0.00	23.21 1.60 0.00	25.93 1.79 0.00	29.81 1.84 0.00	29.94 1.61 0.00	25.33 1.41 0.00	24.28 1.43 0.00	22.59 1.43 0.00	23.89 1.60 0.00	36.57 2.32 0.00	49.41 3.10 0.00	57.94 3.65 0.00	161.66 8.93 0.00	40.07 2.35 0.00	30.49 1.73 0.00	32.53 1.70 0.00
HUDSON___115KV_TB 4 355613	21.15 1.12 0.00	22.03 1.10 0.00	21.31 1.07 0.00	21.44 1.08 0.00	23.21 1.16 0.00	30.89 1.58 0.00	61.10 3.21 0.00	31.55 1.67 0.00	25.18 1.21 0.00	22.44 0.82 0.00	25.04 0.90 0.00	28.82 0.85 0.00	29.05 0.71 0.00	24.56 0.64 0.00	23.55 0.71 0.00	22.04 0.88 0.00	23.52 1.23 0.00	36.19 1.94 0.00	49.06 2.75 0.00	57.36 3.07 0.00	161.37 8.64 0.00	39.73 2.01 0.00	30.18 1.42 0.00	32.32 1.50 0.00
HUNTER MOUNT___DRP 323613	21.27 1.24 0.00	22.17 1.25 0.00	21.45 1.21 0.00	21.58 1.22 0.00	23.37 1.31 0.00	31.09 1.78 0.00	61.51 3.62 0.00	31.76 1.88 0.00	25.32 1.35 0.00	22.51 0.89 0.00	25.10 0.96 0.00	28.89 0.93 0.00	29.14 0.80 0.00	24.61 0.68 0.00	23.62 0.77 0.00	22.13 0.97 0.00	23.68 1.39 0.00	36.53 2.28 0.00	49.56 3.25 0.00	57.87 3.58 0.00	162.86 10.14 0.00	40.06 2.34 0.00	30.41 1.65 0.00	32.57 1.75 0.00
HUNTINGTON_RES_REC 323705	21.93 1.89 0.00	22.71 1.79 0.00	21.92 1.68 0.00	22.02 1.66 0.00	23.77 1.72 0.00	31.83 2.52 0.00	62.81 4.92 0.00	32.65 2.77 0.00	26.27 2.30 0.00	23.52 1.91 0.00	26.32 2.18 0.00	30.18 2.21 0.00	30.22 1.88 0.00	25.57 1.65 0.00	25.06 1.82 -0.39	36.16 1.82 -13.18	-32.07 2.07 56.43	-396.79 2.97 434.01	-113.06 3.60 162.98	-190.29 4.40 248.98	163.52 10.80 0.00	40.78 3.06 0.00	31.12 2.36 0.00	33.47 2.46 -0.18
HUNTLEY___63 23557	18.98 -1.06 0.00	19.91 -1.01 0.00	19.35 -0.89 0.00	19.52 -0.83 0.00	21.26 -0.79 0.00	28.15 -1.15 0.00	54.94 -2.94 0.00	28.21 -1.68 0.00	22.79 -1.19 0.00	20.63 -0.98 0.00	23.03 -1.10 0.00	26.44 -1.52 0.00	26.60 -1.74 0.00	22.31 -1.61 0.00	21.46 -1.38 0.00	20.01 -1.14 0.00	21.20 -1.09 0.00	32.68 -1.57 0.00	44.20 -2.11 0.00	51.29 -2.99 0.00	144.34 -8.39 0.00	35.65 -2.07 0.00	27.17 -1.59 0.00	29.45 -1.38 0.00
HUNTLEY___64 23558	18.98 -1.06 0.00	19.91 -1.01 0.00	19.35 -0.89 0.00	19.52 -0.83 0.00	21.26 -0.79 0.00	28.15 -1.15 0.00	54.94 -2.94 0.00	28.21 -1.68 0.00	22.79 -1.19 0.00	20.63 -0.98 0.00	23.03 -1.10 0.00	26.44 -1.52 0.00	26.60 -1.74 0.00	22.31 -1.61 0.00	21.46 -1.38 0.00	20.01 -1.14 0.00	21.20 -1.09 0.00	32.68 -1.57 0.00	44.20 -2.11 0.00	51.29 -2.99 0.00	144.34 -8.39 0.00	35.65 -2.07 0.00	27.17 -1.59 0.00	29.45 -1.38 0.00
HUNTLEY___65 23559	18.98 -1.06 0.00	19.91 -1.01 0.00	19.35 -0.89 0.00	19.52 -0.83 0.00	21.26 -0.79 0.00	28.15 -1.15 0.00	54.94 -2.94 0.00	28.21 -1.68 0.00	22.79 -1.19 0.00	20.63 -0.98 0.00	23.03 -1.10 0.00	26.44 -1.52 0.00	26.60 -1.74 0.00	22.31 -1.61 0.00	21.46 -1.38 0.00	20.01 -1.14 0.00	21.20 -1.09 0.00	32.68 -1.57 0.00	44.20 -2.11 0.00	51.29 -2.99 0.00	144.34 -8.39 0.00	35.65 -2.07 0.00	27.17 -1.59 0.00	29.45 -1.38 0.00
HUNTLEY___66 23560	18.98 -1.06 0.00	19.91 -1.01 0.00	19.35 -0.89 0.00	19.52 -0.83 0.00	21.26 -0.79 0.00	28.15 -1.15 0.00	54.94 -2.94 0.00	28.21 -1.68 0.00	22.79 -1.19 0.00	20.63 -0.98 0.00	23.03 -1.10 0.00	26.44 -1.52 0.00	26.60 -1.74 0.00	22.31 -1.61 0.00	21.46 -1.38 0.00	20.01 -1.14 0.00	21.20 -1.09 0.00	32.68 -1.57 0.00	44.20 -2.11 0.00	51.29 -2.99 0.00	144.34 -8.39 0.00	35.65 -2.07 0.00	27.17 -1.59 0.00	29.45 -1.38 0.00
HUNTLEY___67 23561	18.88 -1.16 0.00	19.82 -1.10 0.00	19.25 -0.99 0.00	19.43 -0.92 0.00	21.15 -0.90 0.00	27.99 -1.31 0.00	54.71 -3.18 0.00	28.11 -1.77 0.00	22.66 -1.32 0.00	20.52 -1.10 0.00	22.95 -1.19 0.00	26.38 -1.59 0.00	26.54 -1.79 0.00	22.26 -1.66 0.00	21.42 -1.42 0.00	19.98 -1.18 0.00	21.12 -1.17 0.00	32.45 -1.80 0.00	43.91 -2.40 0.00	51.07 -3.22 0.00	143.86 -8.86 0.00	35.50 -2.22 0.00	27.04 -1.72 0.00	29.27 -1.56 0.00
HUNTLEY___68 23562	18.88 -1.16 0.00	19.82 -1.10 0.00	19.25 -0.99 0.00	19.43 -0.92 0.00	21.15 -0.90 0.00	27.99 -1.31 0.00	54.71 -3.18 0.00	28.11 -1.77 0.00	22.66 -1.32 0.00	20.52 -1.10 0.00	22.95 -1.19 0.00	26.38 -1.59 0.00	26.54 -1.79 0.00	22.26 -1.66 0.00	21.42 -1.42 0.00	19.98 -1.18 0.00	21.12 -1.17 0.00	32.45 -1.80 0.00	43.91 -2.40 0.00	51.07 -3.22 0.00	143.86 -8.86 0.00	35.50 -2.22 0.00	27.04 -1.72 0.00	29.27 -1.56 0.00

HYLAND___LFGE 323620	20.37 0.33 0.00	21.38 0.45 0.00	20.60 0.36 0.00	20.77 0.41 0.00	22.76 0.71 0.00	30.44 1.13 0.00	60.71 2.82 0.00	31.70 1.66 -0.16	25.32 1.13 -0.21	22.26 0.46 -0.18	24.39 0.17 -0.08	28.07 0.08 -0.03	28.19 -0.15 0.00	23.79 -0.15 -0.02	22.75 -0.09 0.00	21.18 0.02 0.00	22.60 0.31 0.00	35.90 1.65 0.00	49.54 3.23 0.00	57.96 3.63 -0.03	163.72 10.32 -0.68	40.28 2.35 -0.21	30.42 1.53 -0.13	32.58 1.57 -0.18
INDECK___CORINTH 23802	20.63 0.60 0.00	21.45 0.53 0.00	20.74 0.50 0.00	20.87 0.51 0.00	22.58 0.53 0.00	30.11 0.80 0.00	59.57 1.68 0.00	30.77 0.89 0.00	24.55 0.58 0.00	21.95 0.33 0.00	24.57 0.43 0.00	28.30 0.33 0.00	28.44 0.10 0.00	24.07 0.15 0.00	23.10 0.25 0.00	21.67 0.51 0.00	23.15 0.86 0.00	35.42 1.17 0.00	47.91 1.59 0.00	56.06 1.77 0.00	157.29 4.57 0.00	38.78 1.06 0.00	29.44 0.67 0.00	31.61 0.78 0.00
INDECK___ILION 23567	20.31 0.28 0.00	21.17 0.25 0.00	20.46 0.22 0.00	20.59 0.23 0.00	22.28 0.23 0.00	29.74 0.43 0.00	58.82 0.94 0.00	30.44 0.56 0.00	24.40 0.43 0.00	21.85 0.24 0.00	24.42 0.28 0.00	28.15 0.18 0.00	28.33 -0.01 0.00	23.93 0.01 0.00	22.88 0.03 0.00	21.32 0.16 0.00	22.61 0.32 0.00	34.88 0.63 0.00	47.22 0.90 0.00	55.40 1.11 0.00	155.99 3.26 0.00	38.49 0.77 0.00	29.27 0.52 0.00	31.34 0.51 0.00
INDECK___OLEAN 23982	19.96 -0.08 0.00	20.93 0.01 0.00	20.23 -0.01 0.00	20.38 0.02 0.00	22.13 0.07 0.00	29.33 0.02 0.00	57.77 -0.11 0.00	27.64 -0.04 2.20	21.25 0.07 2.79	19.25 0.06 2.43	23.28 0.24 1.10	27.79 0.22 0.40	28.37 0.04 0.00	23.53 -0.14 0.25	22.84 0.00 0.00	21.15 0.10 0.11	21.23 0.16 1.23	21.23 0.05 13.07	28.69 0.14 17.76	46.68 -0.10 7.52	142.14 -0.11 10.48	34.53 0.08 3.27	26.80 0.13 2.09	28.32 0.35 2.87
INDECK___OSWEGO 23783	19.38 -0.66 0.00	20.21 -0.72 0.00	19.56 -0.68 0.00	19.72 -0.63 0.00	21.37 -0.68 0.00	28.45 -0.86 0.00	56.24 -1.64 0.00	29.08 -0.80 0.00	23.33 -0.64 0.00	21.01 -0.60 0.00	23.40 -0.73 0.00	27.00 -1.48 0.00	27.24 -1.71 0.00	22.98 -1.59 0.20	21.98 -1.36 0.00	20.46 -1.12 0.09	21.66 -1.08 0.96	33.38 -1.52 10.19	45.19 -2.02 13.84	53.06 -2.92 5.86	149.77 -8.21 8.12	36.92 -2.02 2.54	28.08 -0.69 1.62	30.01 -0.82 2.22
INDECK___YERKES 23781	19.00 -1.04 0.00	19.94 -0.98 0.00	19.37 -0.87 0.00	19.53 -0.83 0.00	21.28 -0.77 0.00	28.19 -1.12 0.00	55.00 -2.88 0.00	26.53 -1.63 1.72	20.64 -1.15 2.18	18.76 -0.97 1.89	22.20 -1.08 0.86	26.17 -1.48 0.31	26.63 -1.71 0.00	22.13 -1.59 0.20	21.49 -1.36 0.00	19.95 -1.12 0.09	20.25 -1.08 0.96	22.55 -1.52 10.19	30.46 -2.02 13.84	45.51 -2.92 5.86	136.39 -8.21 8.12	33.17 -2.02 2.54	25.59 -1.55 1.62	27.24 -1.36 2.22
INDIAN POINT_GT_1 24139	21.41 1.38 0.00	22.18 1.26 0.00	21.47 1.23 0.00	21.57 1.22 0.00	23.31 1.26 0.00	31.18 1.87 0.00	61.67 3.79 0.00	31.96 2.08 0.00	25.62 1.64 0.00	22.99 1.38 0.00	25.71 1.57 0.00	29.56 1.60 0.00	29.69 1.36 0.00	25.14 1.21 0.00	24.11 1.26 0.00	22.43 1.27 0.00	23.74 1.45 0.00	36.41 2.16 0.00	49.19 2.88 0.00	57.67 3.38 0.00	161.28 8.56 0.00	39.98 2.25 0.00	30.40 1.64 0.00	32.48 1.66 0.00
INDIAN POINT_GT_2 23659	21.41 1.38 0.00	22.18 1.26 0.00	21.47 1.23 0.00	21.57 1.22 0.00	23.31 1.26 0.00	31.18 1.87 0.00	61.67 3.79 0.00	31.96 2.08 0.00	25.62 1.64 0.00	22.99 1.38 0.00	25.71 1.57 0.00	29.56 1.60 0.00	29.69 1.36 0.00	25.14 1.21 0.00	24.11 1.26 0.00	22.43 1.27 0.00	23.74 1.45 0.00	36.41 2.16 0.00	49.19 2.88 0.00	57.67 3.38 0.00	161.28 8.56 0.00	39.98 2.25 0.00	30.40 1.64 0.00	32.48 1.66 0.00
INDIAN POINT_GT_3 24019	21.41 1.38 0.00	22.18 1.26 0.00	21.47 1.23 0.00	21.57 1.22 0.00	23.31 1.26 0.00	31.18 1.87 0.00	61.67 3.79 0.00	31.96 2.08 0.00	25.62 1.64 0.00	22.99 1.38 0.00	25.71 1.57 0.00	29.56 1.60 0.00	29.69 1.36 0.00	25.14 1.21 0.00	24.11 1.26 0.00	22.43 1.27 0.00	23.74 1.45 0.00	36.41 2.16 0.00	49.19 2.88 0.00	57.67 3.38 0.00	161.28 8.56 0.00	39.98 2.25 0.00	30.40 1.64 0.00	32.48 1.66 0.00
INDIAN POINT___2 23530	21.36 1.33 0.00	22.13 1.21 0.00	21.42 1.18 0.00	21.52 1.17 0.00	23.26 1.21 0.00	31.13 1.82 0.00	61.56 3.68 0.00	31.90 2.02 0.00	25.55 1.58 0.00	22.93 1.32 0.00	25.64 1.51 0.00	29.48 1.52 0.00	29.62 1.29 0.00	25.11 1.18 0.00	24.08 1.24 0.00	22.39 1.23 0.00	23.71 1.42 0.00	36.35 2.10 0.00	49.12 2.81 0.00	57.59 3.30 0.00	161.05 8.33 0.00	39.94 2.22 0.00	30.37 1.61 0.00	32.46 1.63 0.00
INDIAN POINT___3 23531	21.45 1.42 0.00	22.23 1.30 0.00	21.51 1.27 0.00	21.61 1.26 0.00	23.35 1.30 0.00	31.23 1.92 0.00	61.77 3.89 0.00	32.00 2.12 0.00	25.67 1.70 0.00	23.04 1.43 0.00	25.77 1.63 0.00	29.63 1.66 0.00	29.76 1.42 0.00	25.12 1.20 0.00	24.08 1.24 0.00	22.40 1.24 0.00	23.71 1.42 0.00	36.36 2.11 0.00	49.13 2.82 0.00	57.61 3.32 0.00	161.07 8.35 0.00	39.94 2.22 0.00	30.37 1.61 0.00	32.46 1.64 0.00
INGHAM_C_115KV_TB7 356103	20.35 0.32 0.00	21.19 0.27 0.00	20.45 0.20 0.00	20.57 0.22 0.00	22.25 0.20 0.00	29.79 0.48 0.00	59.00 1.12 0.00	30.60 0.72 0.00	24.49 0.52 0.00	21.78 0.16 0.00	24.37 0.23 0.00	28.00 0.03 0.00	27.98 -0.36 0.00	23.63 -0.29 0.00	22.58 -0.26 0.00	21.18 0.02 0.00	22.60 0.32 0.00	35.02 0.77 0.00	47.46 1.14 0.00	55.74 1.44 0.00	157.16 4.44 0.00	38.79 1.07 0.00	29.44 0.68 0.00	31.53 0.70 0.00
IP CORINTH___1 23988	20.74 0.71 0.00	21.56 0.64 0.00	20.86 0.61 0.00	20.98 0.63 0.00	22.70 0.65 0.00	30.27 0.96 0.00	59.88 2.00 0.00	30.94 1.06 0.00	24.70 0.72 0.00	22.07 0.45 0.00	24.70 0.57 0.00	28.46 0.49 0.00	28.60 0.26 0.00	24.21 0.28 0.00	23.22 0.38 0.00	21.79 0.63 0.00	23.28 0.99 0.00	35.62 1.37 0.00	48.17 1.86 0.00	56.37 2.08 0.00	158.15 5.42 0.00	38.99 1.26 0.00	29.60 0.83 0.00	31.78 0.95 0.00
IP___TICONDEROGA 23804	21.69 1.65 0.00	22.50 1.58 0.00	21.72 1.48 0.00	21.86 1.50 0.00	23.64 1.59 0.00	31.49 2.18 0.00	62.10 4.22 0.00	32.05 2.17 0.00	25.59 1.62 0.00	22.88 1.26 0.00	25.75 1.61 0.00	29.62 1.66 0.00	29.53 1.20 0.00	25.04 1.12 0.00	24.19 1.34 0.00	22.88 1.73 0.00	24.64 2.35 0.00	37.19 2.94 0.00	50.28 3.97 0.00	58.83 4.54 0.00	164.21 11.48 0.00	40.51 2.78 0.00	30.79 2.02 0.00	33.32 2.49 0.00
ISLIP_RES_REC 323679	22.20 2.16 0.00	23.00 2.08 0.00	22.18 1.94 0.00	22.28 1.92 0.00	24.05 2.00 0.00	32.22 2.91 0.00	63.71 5.83 0.00	33.06 3.19 0.00	26.66 2.68 0.00	23.84 2.22 0.00	26.63 2.49 0.00	30.52 2.56 0.00	30.54 2.20 0.00	25.84 1.92 0.00	25.34 2.11 -0.39	36.46 2.12 -13.18	114.49 2.43 -89.77	358.91 3.39 -321.27	171.10 4.14 -120.64	243.70 5.10 -184.31	165.68 12.96 0.00	41.34 3.61 0.00	31.50 2.75 0.00	33.91 2.90 -0.18

JAMAICA__27_KV_LOAD 355505	21.74 1.70 0.00	22.45 1.52 0.00	21.78 1.53 0.00	21.87 1.52 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.36 4.47 0.00	32.38 2.50 0.00	25.96 1.99 0.00	23.39 1.78 0.00	26.11 1.97 0.00	30.04 2.07 0.00	30.16 1.83 0.00	25.51 1.59 0.00	24.43 1.59 0.00	22.76 1.60 0.00	24.07 1.78 0.00	36.88 2.64 0.00	49.86 3.54 0.00	58.48 4.19 0.00	163.12 10.39 0.00	40.38 2.66 0.00	30.70 1.94 0.00	32.74 1.92 0.00
JANIS__SOLAR 323808	20.68 0.65 0.00	21.69 0.76 0.00	20.85 0.61 0.00	21.04 0.68 0.00	22.95 0.91 0.00	30.52 1.21 0.00	60.87 2.98 0.00	32.05 1.71 -0.46	25.99 1.43 -0.59	23.19 1.06 -0.51	25.34 0.97 -0.23	28.80 0.75 -0.08	28.83 0.49 0.00	24.32 0.34 -0.05	23.24 0.40 0.00	21.74 0.56 -0.02	23.63 1.08 -0.25	39.27 2.33 -2.70	53.45 3.47 -3.67	59.86 4.02 -1.55	166.36 11.47 -2.17	41.15 2.75 -0.68	31.15 1.96 -0.43	33.47 2.05 -0.59
JARVIS____ 23743	20.21 0.18 0.00	21.07 0.15 0.00	20.40 0.16 0.00	20.52 0.16 0.00	22.22 0.17 0.00	29.59 0.27 0.00	58.43 0.54 0.00	30.18 0.30 0.00	24.22 0.24 0.00	21.79 0.17 0.00	24.33 0.20 0.00	28.13 0.17 0.00	28.43 0.10 0.00	24.02 0.10 0.00	22.96 0.12 0.00	21.32 0.16 0.00	22.50 0.22 0.00	34.59 0.34 0.00	46.78 0.46 0.00	54.83 0.54 0.00	154.25 1.53 0.00	38.07 0.35 0.00	29.01 0.25 0.00	31.07 0.25 0.00
JENNISON____1 23625	20.51 0.48 0.00	21.78 0.86 0.00	20.69 0.45 0.00	20.93 0.58 0.00	22.96 0.91 0.00	30.08 0.77 0.00	60.13 2.25 0.00	31.24 1.36 0.00	25.31 1.34 0.00	22.79 1.17 0.00	25.45 1.31 0.00	29.29 1.32 0.00	29.37 1.03 0.00	24.64 0.71 0.00	23.60 0.76 0.00	22.06 0.90 0.00	23.64 1.35 0.00	36.75 2.50 0.00	49.95 3.64 0.00	58.35 4.05 0.00	163.96 11.23 0.00	40.51 2.79 0.00	30.88 2.12 0.00	33.13 2.31 0.00
JENNISON____2 23626	20.51 0.48 0.00	21.78 0.86 0.00	20.69 0.45 0.00	20.93 0.58 0.00	22.96 0.91 0.00	30.08 0.77 0.00	60.13 2.25 0.00	31.24 1.36 0.00	25.31 1.34 0.00	22.79 1.17 0.00	25.45 1.31 0.00	29.29 1.32 0.00	29.37 1.03 0.00	24.64 0.71 0.00	23.60 0.76 0.00	22.06 0.90 0.00	23.64 1.35 0.00	36.75 2.50 0.00	49.95 3.64 0.00	58.35 4.05 0.00	163.96 11.23 0.00	40.51 2.79 0.00	30.88 2.12 0.00	33.13 2.31 0.00
JERICOHO_RISE_WT_PWR 323719	19.74 -0.29 0.00	20.64 -0.28 0.00	19.67 -0.57 0.00	19.71 -0.64 0.00	21.46 -0.59 0.00	28.49 -0.82 0.00	56.76 -1.12 0.00	29.22 -0.66 0.00	23.53 -0.45 0.00	21.40 -0.21 0.00	23.85 -0.29 0.00	27.70 -0.26 0.00	28.30 -0.03 0.00	23.82 -0.10 0.00	22.68 -0.16 0.00	20.91 -0.25 0.00	22.00 -0.28 0.00	34.01 -0.24 0.00	45.99 -0.32 0.00	53.60 -0.70 0.00	149.88 -2.84 0.00	36.95 -0.77 0.00	28.59 -0.16 0.00	30.86 0.03 0.00
KATONAH__115KV_46KV_TB4 355592	21.57 1.54 0.00	22.35 1.42 0.00	21.63 1.38 0.00	21.73 1.38 0.00	23.49 1.44 0.00	31.41 2.10 0.00	62.14 4.26 0.00	32.20 2.32 0.00	25.83 1.86 0.00	23.19 1.57 0.00	25.93 1.80 0.00	29.81 1.85 0.00	29.94 1.61 0.00	25.35 1.43 0.00	24.29 1.45 0.00	22.60 1.44 0.00	23.93 1.65 0.00	36.72 2.47 0.00	49.64 3.32 0.00	58.17 3.88 0.00	162.69 9.97 0.00	40.29 2.56 0.00	30.62 1.86 0.00	32.72 1.90 0.00
KCE_NY_1 323755	21.10 1.06 0.00	21.95 1.02 0.00	21.24 1.00 0.00	21.37 1.01 0.00	23.12 1.08 0.00	30.81 1.50 0.00	60.97 3.08 0.00	31.49 1.61 0.00	25.09 1.12 0.00	22.44 0.82 0.00	25.09 0.96 0.00	28.93 0.97 0.00	29.15 0.81 0.00	24.64 0.72 0.00	23.61 0.77 0.00	22.12 0.96 0.00	23.55 1.26 0.00	36.15 1.90 0.00	48.89 2.58 0.00	57.15 2.86 0.00	160.63 7.91 0.00	39.56 1.84 0.00	30.04 1.28 0.00	32.23 1.41 0.00
KCE_NY_6_ESR 323823	19.11 -0.92 0.00	20.08 -0.84 0.00	19.50 -0.75 0.00	19.70 -0.66 0.00	21.49 -0.56 0.00	28.48 -0.83 0.00	55.80 -2.08 0.00	26.75 -1.19 1.93	20.66 -0.86 2.45	18.77 -0.72 2.13	22.41 -0.76 0.96	26.54 -1.08 0.35	27.06 -1.28 0.00	22.46 -1.24 0.22	21.83 -1.02 0.00	20.26 -0.80 0.10	20.44 -0.77 1.07	21.66 -1.13 11.46	29.30 -1.44 15.57	45.57 -2.13 6.59	137.65 -5.91 9.16	33.37 -1.49 2.86	25.75 -1.18 1.83	27.28 -1.04 2.51
KEDC_PORT_JEFF_GT2 24210	22.09 2.05 0.00	22.89 1.97 0.00	22.08 1.84 0.00	22.17 1.81 0.00	23.93 1.88 0.00	32.05 2.75 0.00	63.36 5.47 0.00	32.88 3.00 0.00	26.50 2.53 0.00	23.71 2.09 0.00	26.49 2.36 0.00	30.38 2.41 0.00	30.39 2.06 0.00	25.73 1.81 0.00	25.22 1.99 -0.39	36.34 2.00 -13.18	133.28 2.29 -108.71	456.51 3.18 -419.08	207.53 3.84 -157.37	299.49 4.79 -240.42	164.69 11.97 0.00	41.10 3.37 0.00	31.33 2.57 0.00	33.72 2.71 -0.18
KEDC_PORT_JEFF_GT3 24211	22.09 2.05 0.00	22.89 1.97 0.00	22.08 1.84 0.00	22.17 1.81 0.00	23.93 1.88 0.00	32.05 2.75 0.00	63.36 5.47 0.00	32.88 3.00 0.00	26.50 2.53 0.00	23.71 2.09 0.00	26.49 2.36 0.00	30.38 2.41 0.00	30.39 2.06 0.00	25.73 1.81 0.00	25.22 1.99 -0.39	36.34 2.00 -13.18	133.28 2.29 -108.71	456.51 3.18 -419.08	207.53 3.84 -157.37	299.49 4.79 -240.42	164.69 11.97 0.00	41.10 3.37 0.00	31.33 2.57 0.00	33.72 2.71 -0.18
KEDC_GLWD_GT4 24219	21.93 1.89 0.00	22.70 1.78 0.00	21.93 1.69 0.00	22.04 1.68 0.00	23.80 1.75 0.00	31.85 2.54 0.00	62.94 5.06 0.00	32.66 2.78 0.00	26.25 2.27 0.00	23.54 1.93 0.00	26.40 2.26 0.00	30.29 2.32 0.00	30.36 2.02 0.00	25.69 1.77 0.00	25.12 1.88 -0.39	36.20 1.86 -13.18	51.94 2.07 -27.58	36.98 2.72 0.00	49.77 3.46 0.00	58.48 4.19 0.00	163.37 10.65 0.00	40.86 3.14 0.00	31.12 2.36 0.00	33.70 2.46 -0.41
KEDC_GLWD_GT5 24220	21.93 1.89 0.00	22.70 1.78 0.00	21.93 1.69 0.00	22.04 1.68 0.00	23.80 1.75 0.00	31.85 2.54 0.00	62.94 5.06 0.00	32.66 2.78 0.00	26.25 2.27 0.00	23.54 1.93 0.00	26.40 2.26 0.00	30.29 2.32 0.00	30.36 2.02 0.00	25.69 1.77 0.00	25.12 1.88 -0.39	36.20 1.86 -13.18	51.94 2.07 -27.58	36.98 2.72 0.00	49.77 3.46 0.00	58.48 4.19 0.00	163.37 10.65 0.00	40.86 3.14 0.00	31.12 2.36 0.00	33.70 2.46 -0.41
KENSICO____ 23655	21.47 1.44 0.00	22.25 1.32 0.00	21.53 1.29 0.00	21.63 1.28 0.00	23.37 1.32 0.00	31.26 1.95 0.00	61.83 3.95 0.00	32.04 2.16 0.00	25.70 1.72 0.00	23.08 1.47 0.00	25.80 1.67 0.00	29.66 1.70 0.00	29.80 1.46 0.00	25.20 1.28 0.00	24.17 1.33 0.00	22.49 1.33 0.00	23.80 1.51 0.00	36.49 2.24 0.00	49.29 2.98 0.00	57.78 3.49 0.00	161.52 8.80 0.00	40.04 2.32 0.00	30.45 1.69 0.00	32.54 1.71 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.55 1.52 0.00	22.33 1.41 0.00	21.60 1.36 0.00	21.71 1.35 0.00	23.49 1.44 0.00	31.44 2.13 0.00	62.29 4.41 0.00	32.27 2.40 0.00	25.81 1.84 0.00	23.09 1.47 0.00	25.71 1.57 0.00	29.48 1.51 0.00	29.35 1.02 0.00	24.87 0.95 0.00	23.87 1.03 0.00	22.26 1.11 0.00	23.63 1.35 0.00	36.57 2.32 0.00	49.50 3.19 0.00	58.26 3.97 0.00	163.78 11.05 0.00	40.54 2.82 0.00	30.79 2.03 0.00	32.86 2.04 0.00

KIAC_JFK_GT1 23816	21.66 1.63 0.00	22.37 1.45 0.00	21.71 1.46 0.00	21.80 1.45 0.00	23.49 1.44 0.00	31.43 2.12 0.00	62.13 4.25 0.00	32.27 2.39 0.00	25.87 1.90 0.00	23.31 1.69 0.00	26.03 1.89 0.00	29.93 1.96 0.00	30.05 1.72 0.00	25.42 1.50 0.00	24.35 1.51 0.00	22.69 1.53 0.00	23.99 1.70 0.00	36.74 2.49 0.00	49.66 3.34 0.00	58.24 3.95 0.00	162.43 9.71 0.00	40.23 2.50 0.00	30.58 1.82 0.00	32.62 1.79 0.00
KIAC_JFK_GT2 23817	21.66 1.63 0.00	22.37 1.45 0.00	21.71 1.46 0.00	21.80 1.45 0.00	23.49 1.44 0.00	31.43 2.12 0.00	62.13 4.25 0.00	32.27 2.39 0.00	25.87 1.90 0.00	23.31 1.69 0.00	26.03 1.89 0.00	29.93 1.96 0.00	30.05 1.72 0.00	25.42 1.50 0.00	24.35 1.51 0.00	22.69 1.53 0.00	23.99 1.70 0.00	36.74 2.49 0.00	49.66 3.34 0.00	58.24 3.95 0.00	162.43 9.71 0.00	40.23 2.50 0.00	30.58 1.82 0.00	32.62 1.79 0.00
KIAC_JFK____ 323774	21.66 1.63 0.00	22.37 1.45 0.00	21.71 1.46 0.00	21.81 1.45 0.00	23.48 1.43 0.00	31.43 2.12 0.00	62.13 4.25 0.00	32.27 2.39 0.00	25.87 1.90 0.00	23.31 1.69 0.00	26.02 1.89 0.00	29.92 1.96 0.00	30.05 1.72 0.00	25.42 1.50 0.00	24.35 1.51 0.00	22.69 1.53 0.00	23.99 1.70 0.00	36.74 2.50 0.00	49.66 3.35 0.00	58.25 3.95 0.00	162.44 9.72 0.00	40.22 2.50 0.00	30.58 1.82 0.00	32.62 1.80 0.00
KINTIGH____ 23543	18.93 -1.11 0.00	19.84 -1.09 0.00	19.24 -1.00 0.00	19.39 -0.96 0.00	21.08 -0.97 0.00	27.91 -1.40 0.00	54.62 -3.26 0.00	28.09 -1.79 0.00	22.61 -1.37 0.00	20.45 -1.16 0.00	22.89 -1.25 0.00	26.35 -1.62 0.00	26.52 -1.81 0.00	22.27 -1.66 0.00	21.40 -1.44 0.00	19.94 -1.22 0.00	21.08 -1.21 0.00	32.37 -1.88 0.00	43.79 -2.53 0.00	51.01 -3.28 0.00	143.80 -8.93 0.00	35.48 -2.25 0.00	27.02 -1.74 0.00	29.20 -1.63 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.17 0.14 0.00	21.04 0.11 0.00	20.02 -0.22 0.00	20.06 -0.29 0.00	21.84 -0.21 0.00	29.00 -0.30 0.00	57.93 0.05 0.00	29.89 0.01 0.00	24.05 0.08 0.00	21.93 0.31 0.00	24.45 0.32 0.00	28.29 0.32 0.00	28.83 0.50 0.00	24.32 0.39 0.00	23.17 0.33 0.00	21.39 0.23 0.00	22.56 0.27 0.00	34.88 0.63 0.00	47.22 0.91 0.00	55.15 0.86 0.00	153.93 1.21 0.00	37.85 0.13 0.00	29.34 0.58 0.00	31.67 0.84 0.00
LACHUTE____HYDRO 323717	21.69 1.65 0.00	22.50 1.58 0.00	21.72 1.48 0.00	21.86 1.50 0.00	23.64 1.59 0.00	31.49 2.18 0.00	62.10 4.22 0.00	32.05 2.17 0.00	25.59 1.62 0.00	22.87 1.26 0.00	25.75 1.61 0.00	29.62 1.66 0.00	29.54 1.20 0.00	25.04 1.12 0.00	24.19 1.34 0.00	22.88 1.72 0.00	24.64 2.35 0.00	37.19 2.94 0.00	50.28 3.97 0.00	58.82 4.53 0.00	164.21 11.49 0.00	40.51 2.78 0.00	30.78 2.02 0.00	33.31 2.49 0.00
LAWRNCV_115KV_TB1 80681	19.52 -0.52 0.00	20.49 -0.43 0.00	19.77 -0.47 0.00	19.83 -0.52 0.00	21.58 -0.47 0.00	28.51 -0.80 0.00	56.46 -1.43 0.00	29.10 -0.78 0.00	23.38 -0.59 0.00	21.19 -0.43 0.00	23.61 -0.53 0.00	27.52 -0.45 0.00	28.06 -0.27 0.00	23.56 -0.36 0.00	22.38 -0.46 0.00	20.56 -0.60 0.00	21.61 -0.68 0.00	33.52 -0.73 0.00	45.42 -0.90 0.00	52.92 -1.37 0.00	148.59 -4.14 0.00	36.72 -1.00 0.00	28.25 -0.51 0.00	30.35 -0.47 0.00
LEDERLE____ 23769	21.51 1.47 0.00	22.29 1.36 0.00	21.56 1.32 0.00	21.67 1.31 0.00	23.42 1.37 0.00	31.35 2.04 0.00	62.01 4.13 0.00	32.14 2.26 0.00	25.75 1.78 0.00	23.12 1.50 0.00	25.85 1.72 0.00	29.73 1.76 0.00	29.85 1.52 0.00	25.21 1.29 0.00	24.19 1.35 0.00	22.49 1.34 0.00	23.82 1.53 0.00	36.55 2.30 0.00	49.40 3.09 0.00	57.93 3.64 0.00	161.99 9.27 0.00	40.17 2.45 0.00	30.54 1.78 0.00	32.62 1.80 0.00
LIGHTHSE_115KV_TB6 355974	19.39 -0.65 0.00	20.23 -0.70 0.00	19.63 -0.61 0.00	19.86 -0.50 0.00	21.61 -0.44 0.00	28.90 -0.41 0.00	57.27 -0.61 0.00	29.60 -0.28 0.00	23.75 -0.23 0.00	21.32 -0.29 0.00	23.71 -0.42 0.00	27.30 -0.67 0.00	27.48 -0.85 0.00	23.13 -0.80 0.00	22.04 -0.81 0.00	20.47 -0.69 0.00	21.81 -0.48 0.00	34.01 -0.24 0.00	46.15 -0.16 0.00	53.91 -0.38 0.00	151.94 -0.78 0.00	37.40 -0.32 0.00	28.44 -0.33 0.00	30.39 -0.43 0.00
LINDEN COGEN____ 23786	21.42 1.39 0.00	22.15 1.23 0.00	21.46 1.22 0.00	21.57 1.22 0.00	23.28 1.23 0.00	31.15 1.84 0.00	61.61 3.72 0.00	31.98 2.10 0.00	25.65 1.68 0.00	23.07 1.46 0.00	25.78 1.65 0.00	29.62 1.66 0.00	29.76 1.42 0.00	25.18 1.26 0.00	24.14 1.30 0.00	22.44 1.28 0.00	23.67 1.45 0.07	36.33 2.08 0.00	49.06 2.75 0.00	57.55 3.26 0.00	160.64 7.92 0.00	39.85 2.13 0.00	30.33 1.57 0.00	32.37 1.55 0.00
LINDHRST_69_KV_BK1 356055	22.09 2.05 0.00	22.88 1.96 0.00	22.08 1.84 0.00	22.17 1.82 0.00	23.94 1.89 0.00	32.04 2.73 0.00	63.36 5.47 0.00	32.91 3.03 0.00	26.46 2.49 0.00	23.69 2.07 0.00	26.50 2.37 0.00	30.40 2.43 0.00	30.44 2.11 0.00	25.77 1.84 0.00	25.23 2.00 -0.39	36.34 2.00 -13.18	56.83 2.26 -32.28	61.70 3.21 -24.25	59.43 4.01 -9.11	73.13 4.93 -13.91	164.98 12.25 0.00	41.13 3.41 0.00	31.35 2.59 0.00	33.78 2.71 -0.25
LIPA_MISC_IPP 23656	22.07 2.03 0.00	22.85 1.93 0.00	22.05 1.80 0.00	22.13 1.78 0.00	23.90 1.85 0.00	31.99 2.68 0.00	63.20 5.32 0.00	32.78 2.90 0.00	26.45 2.48 0.00	23.64 2.02 0.00	26.41 2.27 0.00	30.28 2.31 0.00	30.28 1.95 0.00	25.64 1.72 0.00	25.15 1.92 -0.39	36.28 1.94 -13.18	108.26 2.25 -83.73	327.35 3.05 -290.05	158.87 3.63 -108.92	225.32 4.63 -166.39	164.03 11.30 0.00	40.96 3.24 0.00	31.26 2.49 0.00	33.67 2.66 -0.18
LISF____SOLAR 323691	22.11 2.07 0.00	22.90 1.97 0.00	22.09 1.84 0.00	22.18 1.82 0.00	23.94 1.89 0.00	32.05 2.74 0.00	63.33 5.45 0.00	32.83 2.96 0.00	26.49 2.52 0.00	23.67 2.05 0.00	26.42 2.29 0.00	30.30 2.33 0.00	30.29 1.96 0.00	25.65 1.72 0.00	25.16 1.93 -0.39	36.30 1.96 -13.18	111.16 2.29 -86.59	342.20 3.15 -304.81	164.52 3.74 -114.46	233.92 4.76 -174.86	164.41 11.68 0.00	41.05 3.32 0.00	31.31 2.55 0.00	33.73 2.73 -0.18
LITTLE FALLS____HYD 24013	20.35 0.32 0.00	21.19 0.27 0.00	20.45 0.20 0.00	20.57 0.22 0.00	22.25 0.20 0.00	29.79 0.48 0.00	59.00 1.12 0.00	30.60 0.72 0.00	24.49 0.52 0.00	21.78 0.16 0.00	24.37 0.23 0.00	28.00 0.03 0.00	27.98 -0.36 0.00	23.63 -0.29 0.00	22.58 -0.26 0.00	21.18 0.02 0.00	22.60 0.32 0.00	35.02 0.77 0.00	47.46 1.14 0.00	55.74 1.44 0.00	157.16 4.44 0.00	38.79 1.07 0.00	29.44 0.68 0.00	31.53 0.70 0.00
LITTLRIV_115KV_TB1 356100	19.76 -0.27 0.00	20.76 -0.17 0.00	20.02 -0.22 0.00	20.08 -0.28 0.00	21.86 -0.19 0.00	28.92 -0.39 0.00	57.30 -0.58 0.00	29.55 -0.33 0.00	23.75 -0.23 0.00	21.50 -0.12 0.00	23.94 -0.20 0.00	27.91 -0.06 0.00	28.44 0.10 0.00	23.87 -0.06 0.00	22.65 -0.19 0.00	20.80 -0.36 0.00	21.88 -0.40 0.00	34.04 -0.21 0.00	46.15 -0.16 0.00	53.77 -0.52 0.00	150.94 -1.78 0.00	37.28 -0.44 0.00	28.66 -0.10 0.00	30.77 -0.06 0.00

LI_NEWBRDGE___DRP 323616	21.73 1.69 0.00	22.51 1.59 0.00	21.74 1.50 0.00	21.84 1.48 0.00	23.58 1.53 0.00	31.56 2.25 0.00	62.35 4.46 0.00	32.36 2.49 0.00	26.01 2.03 0.00	23.32 1.70 0.00	26.11 1.97 0.00	29.97 2.00 0.00	30.04 1.70 0.00	25.42 1.50 0.00	24.86 1.63 -0.39	35.97 1.62 -13.18	51.69 1.83 -27.58	36.82 2.57 0.00	49.54 3.23 0.00	58.17 3.88 0.00	162.17 9.44 0.00	40.42 2.70 0.00	30.81 2.04 0.00	33.09 2.13 -0.14
LOCKPORT_115KV_TB60_63_64 80432	18.82 -1.22 0.00	19.76 -1.16 0.00	19.19 -1.05 0.00	19.37 -0.99 0.00	21.08 -0.97 0.00	27.89 -1.42 0.00	54.46 -3.43 0.00	27.97 -1.91 0.00	22.56 -1.42 0.00	20.42 -1.20 0.00	22.79 -1.35 0.00	26.18 -1.79 0.00	26.36 -1.98 0.00	22.09 -1.84 0.00	21.24 -1.60 0.00	19.81 -1.35 0.00	20.98 -1.31 0.00	32.28 -1.97 0.00	43.69 -2.63 0.00	50.80 -3.50 0.00	143.08 -9.64 0.00	35.32 -2.40 0.00	26.93 -1.83 0.00	29.22 -1.61 0.00
LOCKPORT___CC1 323769	18.80 -1.23 0.00	19.75 -1.17 0.00	19.18 -1.06 0.00	19.35 -1.01 0.00	21.07 -0.98 0.00	27.87 -1.43 0.00	54.42 -3.46 0.00	26.39 -1.93 1.56	20.55 -1.43 1.99	18.67 -1.23 1.73	22.00 -1.36 0.78	25.90 -1.78 0.28	26.36 -1.98 0.00	21.90 -1.84 0.18	21.24 -1.60 0.00	19.73 -1.35 0.08	20.09 -1.33 0.87	22.99 -1.98 9.29	31.08 -2.62 12.62	45.42 -3.53 5.34	135.56 -9.77 7.39	32.99 -2.42 2.31	25.44 -1.85 1.48	27.13 -1.68 2.02
LOCKPORT___CC2 323770	18.80 -1.23 0.00	19.75 -1.17 0.00	19.18 -1.06 0.00	19.35 -1.01 0.00	21.07 -0.98 0.00	27.87 -1.43 0.00	54.42 -3.46 0.00	26.39 -1.93 1.56	20.55 -1.43 1.99	18.67 -1.23 1.73	22.00 -1.36 0.78	25.90 -1.78 0.28	26.36 -1.98 0.00	21.90 -1.84 0.18	21.24 -1.60 0.00	19.73 -1.35 0.08	20.09 -1.33 0.87	22.99 -1.98 9.29	31.08 -2.62 12.62	45.42 -3.53 5.34	135.56 -9.77 7.39	32.99 -2.42 2.31	25.44 -1.85 1.48	27.13 -1.68 2.02
LOCKPORT___CC3 323771	18.80 -1.23 0.00	19.75 -1.17 0.00	19.18 -1.06 0.00	19.35 -1.01 0.00	21.07 -0.98 0.00	27.87 -1.43 0.00	54.42 -3.46 0.00	26.39 -1.93 1.56	20.55 -1.43 1.99	18.67 -1.23 1.73	22.00 -1.36 0.78	25.90 -1.78 0.28	26.36 -1.98 0.00	21.90 -1.84 0.18	21.24 -1.60 0.00	19.73 -1.35 0.08	20.09 -1.33 0.87	22.99 -1.98 9.29	31.08 -2.62 12.62	45.42 -3.53 5.34	135.56 -9.77 7.39	32.99 -2.42 2.31	25.44 -1.85 1.48	27.13 -1.68 2.02
LONG_LAKE_PHOENIX 24014	19.47 -0.57 0.00	20.30 -0.62 0.00	19.65 -0.59 0.00	19.81 -0.55 0.00	21.46 -0.59 0.00	28.56 -0.75 0.00	56.46 -1.43 0.00	29.19 -0.68 0.00	23.43 -0.54 0.00	21.12 -0.50 0.00	23.52 -0.61 0.00	27.14 -0.82 0.00	27.39 -0.95 0.00	23.11 -0.81 0.00	22.11 -0.73 0.00	20.58 -0.58 0.00	21.79 -0.50 0.00	33.54 -0.71 0.00	45.40 -0.91 0.00	53.31 -0.98 0.00	150.43 -2.29 0.00	37.10 -0.62 0.00	28.19 -0.57 0.00	30.14 -0.68 0.00
LOVETT___3 23632	21.49 1.45 0.00	22.26 1.34 0.00	21.54 1.30 0.00	21.65 1.29 0.00	23.39 1.34 0.00	31.29 1.98 0.00	61.85 3.97 0.00	32.06 2.18 0.00	25.71 1.74 0.00	23.09 1.47 0.00	25.82 1.68 0.00	29.68 1.72 0.00	29.81 1.47 0.00	25.10 1.18 0.00	24.06 1.22 0.00	22.37 1.21 0.00	23.68 1.39 0.00	36.33 2.08 0.00	49.09 2.78 0.00	57.57 3.28 0.00	161.00 8.27 0.00	39.94 2.22 0.00	30.37 1.61 0.00	32.45 1.63 0.00
LOVETT___4 23642	21.49 1.45 0.00	22.26 1.34 0.00	21.54 1.30 0.00	21.65 1.29 0.00	23.39 1.34 0.00	31.29 1.98 0.00	61.85 3.97 0.00	32.06 2.18 0.00	25.71 1.74 0.00	23.09 1.47 0.00	25.82 1.68 0.00	29.68 1.72 0.00	29.81 1.47 0.00	25.10 1.18 0.00	24.06 1.22 0.00	22.37 1.21 0.00	23.68 1.39 0.00	36.33 2.08 0.00	49.09 2.78 0.00	57.57 3.28 0.00	161.00 8.27 0.00	39.94 2.22 0.00	30.37 1.61 0.00	32.45 1.63 0.00
LOVETT___5 23593	21.49 1.45 0.00	22.26 1.34 0.00	21.54 1.30 0.00	21.65 1.29 0.00	23.39 1.34 0.00	31.29 1.98 0.00	61.85 3.97 0.00	32.06 2.18 0.00	25.71 1.74 0.00	23.09 1.47 0.00	25.82 1.68 0.00	29.68 1.72 0.00	29.81 1.47 0.00	25.10 1.18 0.00	24.06 1.22 0.00	22.37 1.21 0.00	23.68 1.39 0.00	36.33 2.08 0.00	49.09 2.78 0.00	57.57 3.28 0.00	161.00 8.27 0.00	39.94 2.22 0.00	30.37 1.61 0.00	32.45 1.63 0.00
LOWER RAQUET___HYD 24057	19.44 -0.59 0.00	20.42 -0.50 0.00	19.70 -0.54 0.00	19.74 -0.61 0.00	21.50 -0.56 0.00	28.40 -0.91 0.00	56.27 -1.62 0.00	29.00 -0.87 0.00	23.31 -0.66 0.00	21.12 -0.50 0.00	23.53 -0.61 0.00	27.41 -0.56 0.00	27.94 -0.40 0.00	23.46 -0.46 0.00	22.27 -0.57 0.00	20.45 -0.70 0.00	21.52 -0.76 0.00	33.43 -0.82 0.00	45.30 -1.01 0.00	52.77 -1.52 0.00	148.19 -4.54 0.00	36.60 -1.13 0.00	28.19 -0.57 0.00	30.28 -0.54 0.00
LOWER___HUDSON 24059	20.99 0.96 0.00	21.86 0.94 0.00	21.16 0.92 0.00	21.29 0.93 0.00	23.02 0.97 0.00	30.64 1.33 0.00	60.47 2.59 0.00	31.21 1.33 0.00	24.98 1.00 0.00	22.36 0.74 0.00	25.04 0.91 0.00	28.83 0.87 0.00	29.04 0.71 0.00	24.60 0.67 0.00	23.55 0.71 0.00	22.01 0.85 0.00	23.33 1.04 0.00	35.69 1.44 0.00	48.28 1.97 0.00	56.51 2.22 0.00	158.95 6.23 0.00	39.19 1.47 0.00	29.79 1.03 0.00	31.98 1.16 0.00
LOWVILLE_115KV_TB2 356335	19.41 -0.63 0.00	20.31 -0.61 0.00	19.78 -0.46 0.00	20.11 -0.25 0.00	22.07 0.02 0.00	29.73 0.42 0.00	59.25 1.37 0.00	30.64 0.76 0.00	24.62 0.64 0.00	22.09 0.47 0.00	24.54 0.41 0.00	28.26 0.29 0.00	28.38 0.05 0.00	23.83 -0.09 0.00	22.58 -0.27 0.00	20.91 -0.25 0.00	22.41 0.12 0.00	35.44 1.19 0.00	48.11 1.80 0.00	55.75 1.46 0.00	156.55 3.82 0.00	38.29 0.56 0.00	29.11 0.35 0.00	31.19 0.36 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.08 1.05 0.00	21.94 1.02 0.00	21.23 0.99 0.00	21.35 1.00 0.00	23.11 1.06 0.00	30.79 1.48 0.00	60.90 3.01 0.00	31.44 1.56 0.00	25.09 1.12 0.00	22.44 0.83 0.00	25.10 0.97 0.00	28.93 0.96 0.00	29.14 0.80 0.00	24.65 0.73 0.00	23.61 0.77 0.00	22.10 0.95 0.00	23.53 1.25 0.00	36.10 1.85 0.00	48.83 2.52 0.00	57.12 2.83 0.00	160.48 7.76 0.00	39.55 1.83 0.00	30.04 1.28 0.00	32.23 1.41 0.00
LUTHERNY_35_KV_BK2 355980	21.10 1.07 0.00	21.95 1.02 0.00	21.24 1.00 0.00	21.36 1.01 0.00	23.13 1.08 0.00	30.81 1.50 0.00	60.97 3.08 0.00	31.49 1.61 0.00	25.09 1.12 0.00	22.44 0.82 0.00	25.09 0.96 0.00	28.93 0.97 0.00	29.15 0.81 0.00	24.64 0.72 0.00	23.61 0.77 0.00	22.12 0.96 0.00	23.55 1.26 0.00	36.15 1.91 0.00	48.89 2.58 0.00	57.15 2.86 0.00	160.64 7.91 0.00	39.56 1.84 0.00	30.04 1.28 0.00	32.24 1.41 0.00
LWR___OSWEGATCHIE_HYD 23850	19.33 -0.71 0.00	20.26 -0.66 0.00	19.64 -0.60 0.00	19.83 -0.53 0.00	21.67 -0.38 0.00	28.92 -0.38 0.00	57.50 -0.39 0.00	29.68 -0.19 0.00	23.84 -0.13 0.00	21.48 -0.14 0.00	23.88 -0.26 0.00	27.64 -0.33 0.00	27.96 -0.37 0.00	23.47 -0.45 0.00	22.25 -0.59 0.00	20.53 -0.63 0.00	21.82 -0.46 0.00	34.28 0.03 0.00	46.51 0.20 0.00	54.03 -0.26 0.00	151.71 -1.02 0.00	37.28 -0.44 0.00	28.51 -0.25 0.00	30.58 -0.25 0.00

LYONS_FALL_HYD 23570	19.88 -0.16 0.00	20.77 -0.16 0.00	20.23 -0.02 0.00	20.43 0.07 0.00	22.32 0.27 0.00	29.96 0.65 0.00	59.59 1.70 0.00	30.81 0.94 0.00	24.76 0.79 0.00	22.23 0.61 0.00	24.73 0.60 0.00	28.51 0.55 0.00	28.67 0.33 0.00	24.12 0.20 0.00	22.93 0.09 0.00	21.27 0.11 0.00	22.70 0.41 0.00	35.56 1.32 0.00	48.22 1.90 0.00	56.11 1.82 0.00	157.66 4.93 0.00	38.67 0.95 0.00	29.40 0.64 0.00	31.48 0.65 0.00
MADISON___COUNTY_LFGE 323628	20.46 0.43 0.00	21.34 0.42 0.00	20.72 0.48 0.00	20.85 0.49 0.00	22.64 0.59 0.00	30.23 0.92 0.00	59.98 2.09 0.00	31.04 1.16 0.00	24.90 0.92 0.00	22.34 0.72 0.00	24.86 0.73 0.00	28.67 0.71 0.00	28.88 0.54 0.00	24.36 0.43 0.00	23.28 0.44 0.00	21.66 0.51 0.00	23.01 0.72 0.00	35.70 1.45 0.00	48.40 2.09 0.00	56.65 2.36 0.00	159.42 6.70 0.00	39.25 1.52 0.00	29.83 1.07 0.00	31.90 1.08 0.00
MALONE___115KV_TB1 356076	20.03 0.00 0.00	20.96 0.04 0.00	20.02 -0.22 0.00	20.08 -0.28 0.00	21.87 -0.17 0.00	29.03 -0.28 0.00	57.81 -0.07 0.00	29.80 -0.08 0.00	24.01 0.03 0.00	21.81 0.20 0.00	24.31 0.17 0.00	28.20 0.23 0.00	28.75 0.41 0.00	24.16 0.24 0.00	22.98 0.14 0.00	21.17 0.01 0.00	22.33 0.04 0.00	34.61 0.36 0.00	46.90 0.59 0.00	54.62 0.32 0.00	152.85 0.13 0.00	37.69 -0.03 0.00	29.10 0.34 0.00	31.34 0.51 0.00
MAPLEWOD_115KV_TB3 80458	20.91 0.88 0.00	21.77 0.85 0.00	21.07 0.83 0.00	21.18 0.83 0.00	22.92 0.87 0.00	30.51 1.20 0.00	60.25 2.37 0.00	31.10 1.22 0.00	24.91 0.94 0.00	22.31 0.70 0.00	24.97 0.83 0.00	28.75 0.78 0.00	28.97 0.63 0.00	24.55 0.62 0.00	23.50 0.65 0.00	21.95 0.79 0.00	23.26 0.98 0.00	35.57 1.32 0.00	48.12 1.81 0.00	56.30 2.01 0.00	158.34 5.62 0.00	39.06 1.34 0.00	29.71 0.95 0.00	31.84 1.01 0.00
MAPLE_RIDGE_WT_1 323574	19.39 -0.64 0.00	20.34 -0.58 0.00	19.72 -0.52 0.00	19.85 -0.51 0.00	21.58 -0.47 0.00	29.00 -0.31 0.00	57.32 -0.56 0.00	29.59 -0.28 0.00	23.76 -0.21 0.00	21.49 -0.12 0.00	24.00 -0.13 0.00	27.85 -0.12 0.00	28.28 -0.06 0.00	23.81 -0.12 0.00	22.64 -0.20 0.00	20.90 -0.25 0.00	22.02 -0.27 0.00	33.98 -0.27 0.00	46.00 -0.31 0.00	53.67 -0.62 0.00	150.76 -1.96 0.00	37.05 -0.67 0.00	28.28 -0.48 0.00	30.28 -0.55 0.00
MAPLE_RIDGE_WT_2 323611	19.39 -0.64 0.00	20.34 -0.58 0.00	19.72 -0.52 0.00	19.85 -0.51 0.00	21.58 -0.47 0.00	29.00 -0.31 0.00	57.32 -0.56 0.00	29.59 -0.28 0.00	23.76 -0.21 0.00	21.49 -0.12 0.00	24.00 -0.13 0.00	27.85 -0.12 0.00	28.28 -0.06 0.00	23.81 -0.12 0.00	22.64 -0.20 0.00	20.90 -0.25 0.00	22.02 -0.27 0.00	33.98 -0.27 0.00	46.00 -0.31 0.00	53.67 -0.62 0.00	150.76 -1.96 0.00	37.05 -0.67 0.00	28.28 -0.48 0.00	30.28 -0.55 0.00
MARBLE_RIVER_WT_PWR 323696	19.77 -0.27 0.00	20.65 -0.27 0.00	19.64 -0.60 0.00	19.67 -0.68 0.00	21.43 -0.62 0.00	28.44 -0.87 0.00	56.77 -1.11 0.00	29.22 -0.66 0.00	23.53 -0.44 0.00	21.41 -0.20 0.00	23.88 -0.25 0.00	27.70 -0.26 0.00	28.28 -0.06 0.00	23.83 -0.10 0.00	22.70 -0.14 0.00	20.95 -0.21 0.00	22.06 -0.23 0.00	34.11 -0.14 0.00	46.14 -0.17 0.00	53.81 -0.48 0.00	150.46 -2.26 0.00	37.03 -0.70 0.00	28.67 -0.09 0.00	30.98 0.15 0.00
MARSHVLE_115KV_TB1 80742	20.96 0.92 0.00	21.86 0.94 0.00	21.16 0.92 0.00	21.30 0.95 0.00	23.14 1.09 0.00	30.91 1.61 0.00	61.23 3.35 0.00	31.75 1.88 0.00	25.52 1.54 0.00	22.93 1.32 0.00	25.40 1.27 0.00	29.44 1.48 0.00	29.89 1.56 0.00	25.12 1.20 0.00	23.90 1.06 0.00	21.97 0.81 0.00	23.27 0.98 0.00	36.43 2.17 0.00	49.48 3.17 0.00	58.01 3.72 0.00	163.08 10.36 0.00	40.35 2.63 0.00	30.79 2.02 0.00	32.88 2.06 0.00
MARSH_HILL_WT_PWR 323713	19.32 -0.71 0.00	20.59 -0.34 0.00	19.63 -0.61 0.00	19.87 -0.49 0.00	22.11 0.06 0.00	29.48 0.17 0.00	59.42 1.53 0.00	31.31 1.12 -0.31	25.47 1.09 -0.40	22.76 0.80 -0.35	25.03 0.74 -0.16	28.75 0.73 -0.06	28.76 0.43 0.00	24.28 0.32 -0.04	23.24 0.40 0.00	21.71 0.54 -0.01	23.19 0.76 -0.14	37.33 1.58 -1.50	50.80 2.44 -2.04	58.05 2.89 -0.87	161.99 8.01 -1.26	39.94 1.82 -0.39	30.17 1.16 -0.25	32.35 1.18 -0.34
MCINTYRE_115KV_TB2 80467	19.98 -0.06 0.00	20.99 0.06 0.00	20.24 0.00 0.00	20.32 -0.03 0.00	22.11 0.06 0.00	29.26 -0.05 0.00	57.94 0.06 0.00	29.86 -0.02 0.00	23.98 0.00 0.00	21.71 0.09 0.00	24.17 0.04 0.00	28.18 0.22 0.00	28.73 0.40 0.00	24.11 0.18 0.00	22.88 0.04 0.00	21.01 -0.15 0.00	22.08 -0.21 0.00	34.37 0.12 0.00	46.61 0.30 0.00	54.33 0.03 0.00	152.54 -0.18 0.00	37.69 -0.03 0.00	28.93 0.16 0.00	31.06 0.23 0.00
MECO___69_KV_BK1 80468	22.00 1.96 0.00	22.90 1.98 0.00	22.16 1.92 0.00	22.31 1.96 0.00	24.24 2.19 0.00	32.46 3.15 0.00	64.41 6.53 0.00	33.35 3.47 0.00	26.30 2.33 0.00	23.01 1.40 0.00	25.23 1.09 0.00	29.07 1.10 0.00	29.42 1.09 0.00	24.80 0.88 0.00	23.66 0.82 0.00	21.95 0.80 0.00	23.84 1.55 0.00	38.37 4.13 0.00	52.43 6.12 0.00	61.34 7.05 0.00	172.22 19.49 0.00	42.41 4.69 0.00	32.21 3.45 0.00	34.30 3.47 0.00
MENANDS___115KV_TB5 355628	20.83 0.79 0.00	21.68 0.76 0.00	20.98 0.74 0.00	21.10 0.75 0.00	22.83 0.78 0.00	30.36 1.06 0.00	59.95 2.07 0.00	30.94 1.07 0.00	24.79 0.82 0.00	22.22 0.60 0.00	24.88 0.74 0.00	28.64 0.67 0.00	28.85 0.52 0.00	24.45 0.53 0.00	23.42 0.57 0.00	21.85 0.70 0.00	23.16 0.87 0.00	35.36 1.11 0.00	47.81 1.50 0.00	55.97 1.68 0.00	157.41 4.69 0.00	38.83 1.11 0.00	29.54 0.78 0.00	31.67 0.84 0.00
MG INDUSTRY___DRP 24185	20.82 0.79 0.00	21.69 0.77 0.00	20.99 0.75 0.00	21.11 0.76 0.00	22.85 0.80 0.00	30.41 1.10 0.00	60.04 2.15 0.00	30.95 1.08 0.00	24.73 0.76 0.00	22.12 0.50 0.00	24.72 0.58 0.00	28.50 0.53 0.00	28.76 0.42 0.00	24.33 0.41 0.00	23.30 0.45 0.00	21.75 0.59 0.00	23.14 0.85 0.00	35.47 1.22 0.00	47.95 1.63 0.00	56.11 1.82 0.00	157.74 5.01 0.00	38.93 1.21 0.00	29.62 0.86 0.00	31.76 0.93 0.00
MID___OSWEGATCHIE_HYD 23849	19.33 -0.71 0.00	20.26 -0.66 0.00	19.64 -0.60 0.00	19.83 -0.53 0.00	21.67 -0.38 0.00	28.92 -0.38 0.00	57.50 -0.39 0.00	29.68 -0.19 0.00	23.84 -0.13 0.00	21.48 -0.14 0.00	23.88 -0.26 0.00	27.64 -0.33 0.00	27.96 -0.37 0.00	23.47 -0.45 0.00	22.25 -0.59 0.00	20.53 -0.63 0.00	21.82 -0.46 0.00	34.28 0.03 0.00	46.51 0.20 0.00	54.03 -0.26 0.00	151.71 -1.02 0.00	37.28 -0.44 0.00	28.51 -0.25 0.00	30.58 -0.25 0.00
MID___RAQUETTE_HYD 23851	19.44 -0.59 0.00	20.42 -0.50 0.00	19.70 -0.54 0.00	19.74 -0.61 0.00	21.50 -0.56 0.00	28.40 -0.91 0.00	56.27 -1.62 0.00	29.00 -0.87 0.00	23.31 -0.66 0.00	21.12 -0.50 0.00	23.53 -0.61 0.00	27.41 -0.56 0.00	27.94 -0.40 0.00	23.46 -0.46 0.00	22.27 -0.57 0.00	20.45 -0.71 0.00	21.52 -0.77 0.00	33.43 -0.82 0.00	45.31 -1.01 0.00	52.77 -1.52 0.00	148.18 -4.55 0.00	36.60 -1.13 0.00	28.18 -0.58 0.00	30.27 -0.55 0.00

MILLIKEN___1 23584	20.32 0.29 0.00	21.21 0.28 0.00	20.50 0.26 0.00	20.67 0.32 0.00	22.42 0.37 0.00	29.90 0.59 0.00	59.32 1.44 0.00	30.73 0.85 0.00	24.64 0.67 0.00	22.11 0.50 0.00	24.63 0.49 0.00	28.32 0.35 0.00	28.53 0.19 0.00	24.06 0.13 0.00	23.04 0.20 0.00	21.45 0.29 0.00	22.83 0.54 0.00	35.30 1.05 0.00	47.85 1.54 0.00	56.18 1.89 0.00	158.24 5.51 0.00	38.96 1.24 0.00	29.57 0.80 0.00	31.63 0.80 0.00
MILLIKEN___2 23585	20.32 0.29 0.00	21.21 0.28 0.00	20.50 0.26 0.00	20.67 0.32 0.00	22.42 0.37 0.00	29.90 0.59 0.00	59.32 1.44 0.00	30.73 0.85 0.00	24.64 0.67 0.00	22.11 0.50 0.00	24.63 0.49 0.00	28.32 0.35 0.00	28.53 0.19 0.00	24.06 0.13 0.00	23.04 0.20 0.00	21.45 0.29 0.00	22.83 0.54 0.00	35.30 1.05 0.00	47.85 1.54 0.00	56.18 1.89 0.00	158.24 5.51 0.00	38.96 1.24 0.00	29.57 0.80 0.00	31.63 0.80 0.00
MILLIKEN___DIESEL 23629	20.32 0.29 0.00	21.21 0.28 0.00	20.50 0.26 0.00	20.67 0.32 0.00	22.42 0.37 0.00	29.90 0.59 0.00	59.32 1.44 0.00	30.73 0.85 0.00	24.64 0.67 0.00	22.11 0.50 0.00	24.63 0.49 0.00	28.32 0.35 0.00	28.53 0.19 0.00	24.06 0.13 0.00	23.04 0.20 0.00	21.45 0.29 0.00	22.83 0.54 0.00	35.30 1.05 0.00	47.85 1.54 0.00	56.18 1.89 0.00	158.24 5.51 0.00	38.96 1.24 0.00	29.57 0.80 0.00	31.63 0.80 0.00
MILLSEAT___LFGE 323607	19.23 -0.80 0.00	20.18 -0.74 0.00	19.59 -0.65 0.00	19.75 -0.61 0.00	21.51 -0.54 0.00	28.52 -0.79 0.00	55.87 -2.02 0.00	27.33 -1.13 1.42	21.33 -0.84 1.80	19.27 -0.78 1.57	22.51 -0.92 0.71	26.41 -1.30 0.26	26.93 -1.41 0.00	22.38 -1.38 0.16	21.66 -1.18 0.00	20.11 -0.98 0.07	20.65 -0.85 0.79	24.75 -1.07 8.42	33.54 -1.32 11.45	47.45 -2.00 4.84	140.60 -5.45 6.68	34.23 -1.41 2.09	26.30 -1.13 1.33	28.05 -0.96 1.83
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.44 1.40 0.00	22.22 1.29 0.00	21.50 1.26 0.00	21.60 1.25 0.00	23.34 1.29 0.00	31.22 1.91 0.00	61.74 3.85 0.00	31.99 2.11 0.00	25.65 1.68 0.00	23.03 1.41 0.00	25.75 1.62 0.00	29.61 1.64 0.00	29.74 1.40 0.00	25.15 1.23 0.00	24.12 1.28 0.00	22.45 1.29 0.00	23.75 1.47 0.00	36.42 2.17 0.00	49.21 2.90 0.00	57.69 3.41 0.00	161.34 8.62 0.00	39.99 2.27 0.00	30.41 1.65 0.00	32.50 1.68 0.00
MILLWOOD_13_KV_LOAD 356217	21.49 1.45 0.00	22.27 1.34 0.00	21.55 1.31 0.00	21.66 1.30 0.00	23.40 1.35 0.00	31.30 1.99 0.00	61.89 4.01 0.00	32.08 2.20 0.00	25.72 1.75 0.00	23.09 1.48 0.00	25.82 1.68 0.00	29.68 1.72 0.00	29.82 1.48 0.00	25.17 1.25 0.00	24.19 1.34 0.00	22.50 1.35 0.00	23.82 1.53 0.00	36.53 2.28 0.00	49.37 3.05 0.00	57.86 3.57 0.00	161.80 9.08 0.00	40.10 2.38 0.00	30.49 1.73 0.00	32.58 1.76 0.00
MODEL_CITY_ENERGY 24167	18.61 -1.43 0.00	19.53 -1.39 0.00	18.97 -1.27 0.00	19.12 -1.24 0.00	20.82 -1.23 0.00	27.54 -1.77 0.00	53.70 -4.18 0.00	25.94 -2.30 1.63	20.18 -1.73 2.07	18.35 -1.47 1.80	21.67 -1.65 0.81	25.55 -2.12 0.30	26.01 -2.33 0.00	21.61 -2.13 0.19	20.97 -1.87 0.00	19.47 -1.60 0.08	19.79 -1.60 0.91	22.15 -2.44 9.66	29.94 -3.24 13.13	44.47 -4.27 5.55	133.25 -11.78 7.69	32.41 -2.91 2.40	25.04 -2.19 1.54	26.73 -2.00 2.10
MODERN_LFGE___ 323580	18.61 -1.43 0.00	19.53 -1.39 0.00	18.97 -1.27 0.00	19.12 -1.24 0.00	20.82 -1.23 0.00	27.54 -1.77 0.00	53.70 -4.18 0.00	25.94 -2.30 1.63	20.18 -1.73 2.07	18.35 -1.47 1.80	21.67 -1.65 0.81	25.55 -2.12 0.30	26.01 -2.33 0.00	21.61 -2.13 0.19	20.97 -1.87 0.00	19.47 -1.60 0.08	19.79 -1.60 0.91	22.15 -2.44 9.66	29.94 -3.24 13.13	44.47 -4.27 5.55	133.25 -11.78 7.69	32.41 -2.91 2.40	25.04 -2.19 1.54	26.73 -2.00 2.10
MOHAWK_PAPER___DRP 24187	20.91 0.88 0.00	21.77 0.85 0.00	21.07 0.83 0.00	21.18 0.83 0.00	22.92 0.87 0.00	30.51 1.20 0.00	60.25 2.37 0.00	31.10 1.22 0.00	24.91 0.94 0.00	22.31 0.70 0.00	24.97 0.83 0.00	28.75 0.78 0.00	28.97 0.63 0.00	24.55 0.62 0.00	23.50 0.65 0.00	21.95 0.79 0.00	23.26 0.98 0.00	35.57 1.32 0.00	48.12 1.81 0.00	56.30 2.01 0.00	158.34 5.62 0.00	39.06 1.34 0.00	29.71 0.95 0.00	31.84 1.01 0.00
MOHICAN___35_KV_115KV_LD 80490	20.98 0.95 0.00	21.82 0.90 0.00	21.10 0.86 0.00	21.23 0.87 0.00	22.97 0.92 0.00	30.61 1.30 0.00	60.54 2.65 0.00	31.27 1.39 0.00	24.93 0.96 0.00	22.27 0.65 0.00	24.94 0.81 0.00	28.72 0.75 0.00	28.85 0.52 0.00	24.42 0.50 0.00	23.44 0.59 0.00	22.01 0.85 0.00	23.54 1.25 0.00	36.00 1.75 0.00	48.71 2.39 0.00	56.98 2.69 0.00	159.82 7.09 0.00	39.40 1.68 0.00	29.91 1.15 0.00	32.14 1.32 0.00
MONGAUP___HYD 23641	21.20 1.16 0.00	22.00 1.07 0.00	21.28 1.04 0.00	21.39 1.03 0.00	23.21 1.16 0.00	30.92 1.61 0.00	60.80 2.91 0.00	31.48 1.61 0.00	25.11 1.14 0.00	22.43 0.82 0.00	25.17 1.03 0.00	28.90 0.93 0.00	29.04 0.71 0.00	24.67 0.74 0.00	23.60 0.76 0.00	21.98 0.82 0.00	23.28 0.99 0.00	36.05 1.80 0.00	48.84 2.53 0.00	57.24 2.95 0.00	160.31 7.58 0.00	39.69 1.97 0.00	30.36 1.60 0.00	32.40 1.57 0.00
MONTAUK___DIESEL 23721	22.41 2.38 0.00	23.11 2.19 0.00	22.28 2.03 0.00	22.37 2.01 0.00	24.22 2.17 0.00	32.59 3.28 0.00	64.37 6.49 0.00	33.34 3.46 0.00	26.81 2.83 0.00	23.98 2.36 0.00	26.78 2.65 0.00	30.76 2.79 0.00	30.70 2.37 0.00	26.09 2.17 0.00	25.65 2.41 -0.39	36.81 2.47 -13.18	110.17 2.89 -84.99	334.47 3.67 -296.55	162.79 5.11 -111.36	230.49 6.08 -170.13	167.41 14.68 0.00	41.67 3.95 0.00	31.76 3.00 0.00	34.23 3.23 -0.18
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.30 -0.73 0.00	20.35 -0.57 0.00	20.03 -0.21 0.00	20.31 -0.05 0.00	22.18 0.13 0.00	29.64 0.33 0.00	58.37 0.49 0.00	30.08 0.20 0.00	24.22 0.24 0.00	21.86 0.24 0.00	24.49 0.35 0.00	28.18 0.21 0.00	28.25 -0.09 0.00	23.64 -0.28 0.00	22.70 -0.15 0.00	21.17 0.02 0.00	22.39 0.10 0.00	34.53 0.27 0.00	46.85 0.54 0.00	54.75 0.45 0.00	154.10 1.37 0.00	37.94 0.21 0.00	28.85 0.09 0.00	31.07 0.24 0.00
MORTIMER_115KV_TB3 55949	19.40 -0.64 0.00	20.30 -0.62 0.00	19.68 -0.56 0.00	19.83 -0.53 0.00	21.54 -0.51 0.00	28.60 -0.71 0.00	56.27 -1.62 0.00	29.00 -0.87 0.00	23.31 -0.67 0.00	21.02 -0.60 0.00	23.47 -0.67 0.00	27.04 -0.92 0.00	27.22 -1.11 0.00	22.91 -1.02 0.00	21.98 -0.86 0.00	20.46 -0.70 0.00	21.69 -0.60 0.00	33.40 -0.85 0.00	45.26 -1.06 0.00	52.83 -1.46 0.00	148.96 -3.77 0.00	36.69 -1.04 0.00	27.87 -0.89 0.00	29.98 -0.84 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.56 1.52 0.00	22.31 1.38 0.00	21.60 1.36 0.00	21.70 1.35 0.00	23.43 1.38 0.00	31.35 2.04 0.00	62.01 4.12 0.00	32.17 2.29 0.00	25.83 1.85 0.00	23.22 1.60 0.00	25.95 1.81 0.00	29.82 1.85 0.00	29.95 1.62 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.92 1.63 0.00	36.61 2.36 0.00	49.44 3.13 0.00	57.97 3.68 0.00	161.86 9.13 0.00	40.14 2.42 0.00	30.54 1.78 0.00	32.60 1.77 0.00

MUNSVILLE_WIND_PWR 323609	21.07 1.03 0.00	22.21 1.29 0.00	21.20 0.96 0.00	21.43 1.07 0.00	23.51 1.46 0.00	31.15 1.84 0.00	62.49 4.61 0.00	33.01 2.65 -0.48	26.96 2.38 -0.61	24.10 1.95 -0.53	26.42 2.04 -0.24	30.08 2.03 -0.09	30.00 1.66 0.00	25.14 1.16 -0.06	24.07 1.23 0.00	22.61 1.43 -0.03	24.61 2.04 -0.27	41.01 3.87 -2.88	55.84 5.60 -3.92	62.32 6.36 -1.66	173.13 18.07 -2.33	42.91 4.46 -0.73	32.50 3.27 -0.47	34.94 3.48 -0.64
N SALMON___HYD 24042	20.03 0.00 0.00	20.96 0.04 0.00	20.02 -0.22 0.00	20.08 -0.28 0.00	21.88 -0.17 0.00	29.03 -0.28 0.00	57.81 -0.07 0.00	29.80 -0.08 0.00	24.01 0.03 0.00	21.82 0.20 0.00	24.31 0.17 0.00	28.20 0.23 0.00	28.74 0.41 0.00	24.16 0.24 0.00	22.98 0.14 0.00	21.17 0.02 0.00	22.33 0.04 0.00	34.61 0.36 0.00	46.90 0.59 0.00	54.62 0.32 0.00	152.85 0.13 0.00	37.69 -0.03 0.00	29.10 0.34 0.00	31.34 0.51 0.00
N.AKRON__115KV_KNAPP 355671	19.22 -0.82 0.00	20.16 -0.76 0.00	19.58 -0.66 0.00	19.76 -0.60 0.00	21.50 -0.55 0.00	28.51 -0.80 0.00	55.83 -2.06 0.00	28.72 -1.15 0.00	23.12 -0.85 0.00	20.85 -0.76 0.00	23.23 -0.90 0.00	26.68 -1.29 0.00	27.04 -1.29 0.00	22.57 -1.36 0.00	21.67 -1.17 0.00	20.18 -0.98 0.00	21.44 -0.85 0.00	33.13 -1.12 0.00	44.89 -1.42 0.00	52.22 -2.07 0.00	147.12 -5.61 0.00	36.27 -1.46 0.00	27.60 -1.16 0.00	29.87 -0.95 0.00
N.BELMOR_69_KV_BK1 55787	21.91 1.87 0.00	22.68 1.76 0.00	21.90 1.66 0.00	22.01 1.65 0.00	23.76 1.71 0.00	31.79 2.48 0.00	62.83 4.94 0.00	32.61 2.73 0.00	26.20 2.23 0.00	23.49 1.87 0.00	26.31 2.18 0.00	30.19 2.22 0.00	30.26 1.92 0.00	25.61 1.69 0.00	25.05 1.82 -0.39	36.15 1.81 -13.18	51.90 2.03 -27.58	37.16 2.91 0.00	50.00 3.69 0.00	58.66 4.37 0.00	163.20 10.47 0.00	40.76 3.04 0.00	31.07 2.31 0.00	33.66 2.43 -0.40
N.E_GEN_SANDY PD 24062	28.72 1.16 -7.53	27.11 1.12 -5.07	23.59 1.09 -2.26	23.71 1.10 -2.27	29.85 1.14 -6.66	39.01 1.60 -8.10	60.99 3.11 0.00	31.49 1.61 0.00	25.29 1.28 -0.04	22.61 1.01 0.02	25.36 1.21 -0.01	29.24 1.18 -0.09	29.30 0.97 0.00	24.85 0.93 0.00	24.00 0.97 -0.18	22.11 1.07 0.11	23.96 1.22 -0.46	36.70 1.70 -0.75	50.01 2.30 -1.39	56.27 2.62 0.63	159.85 7.13 0.00	39.45 1.73 0.00	29.99 1.23 0.00	32.17 1.35 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.49 1.45 0.00	22.26 1.34 0.00	21.54 1.30 0.00	21.65 1.29 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.07 2.20 0.00	25.71 1.74 0.00	23.09 1.47 0.00	25.81 1.68 0.00	29.68 1.72 0.00	29.81 1.47 0.00	25.12 1.20 0.00	24.11 1.27 0.00	22.42 1.26 0.00	23.73 1.44 0.00	36.41 2.16 0.00	49.21 2.90 0.00	57.70 3.41 0.00	161.37 8.65 0.00	40.02 2.30 0.00	30.43 1.67 0.00	32.52 1.69 0.00
N.QUEENS_27_KV_LOAD 356247	21.59 1.56 0.00	22.31 1.39 0.00	21.63 1.38 0.00	21.66 1.31 0.00	23.40 1.35 0.00	31.29 1.97 0.00	61.98 4.10 0.00	32.20 2.32 0.00	25.87 1.90 0.00	23.26 1.64 0.00	25.95 1.81 0.00	29.79 1.82 0.00	29.95 1.62 0.00	25.38 1.46 0.00	24.30 1.45 0.00	22.60 1.44 0.00	23.90 1.61 0.00	36.54 2.29 0.00	49.39 3.08 0.00	58.02 3.72 0.00	161.86 9.14 0.00	40.15 2.43 0.00	30.55 1.79 0.00	32.56 1.73 0.00
N.TROY___115KV_TB1 355778	20.99 0.96 0.00	21.86 0.94 0.00	21.16 0.92 0.00	21.28 0.93 0.00	23.03 0.97 0.00	30.63 1.33 0.00	60.47 2.59 0.00	31.21 1.33 0.00	24.98 1.00 0.00	22.36 0.74 0.00	25.05 0.91 0.00	28.84 0.87 0.00	29.04 0.71 0.00	24.60 0.67 0.00	23.55 0.71 0.00	22.01 0.85 0.00	23.33 1.04 0.00	35.68 1.43 0.00	48.28 1.97 0.00	56.51 2.22 0.00	158.95 6.22 0.00	39.20 1.48 0.00	29.79 1.03 0.00	31.98 1.16 0.00
NARROWS_GT1_1 24228	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT1_2 24229	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT1_3 24230	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT1_4 24231	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT1_5 24232	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT1_6 24233	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT1_7 24234	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00

NARROWS_GT1_8 24235	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT2_1 24236	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT2_2 24237	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT2_3 24238	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT2_4 24239	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT2_5 24240	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT2_6 24241	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT2_7 24242	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NARROWS_GT2_8 24243	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.69 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.27 1.24 0.00	22.17 1.25 0.00	21.45 1.21 0.00	21.58 1.22 0.00	23.37 1.31 0.00	31.09 1.78 0.00	61.51 3.62 0.00	31.76 1.88 0.00	25.32 1.35 0.00	22.51 0.89 0.00	25.10 0.96 0.00	28.89 0.93 0.00	29.14 0.80 0.00	24.61 0.68 0.00	23.62 0.77 0.00	22.13 0.97 0.00	23.68 1.39 0.00	36.53 2.28 0.00	49.56 3.25 0.00	57.87 3.58 0.00	162.86 10.14 0.00	40.06 2.34 0.00	30.41 1.65 0.00	32.57 1.75 0.00
NCHELSEA_115KV_TR2 355582	21.53 1.50 0.00	22.32 1.40 0.00	21.60 1.35 0.00	21.70 1.35 0.00	23.47 1.42 0.00	31.39 2.08 0.00	62.11 4.22 0.00	32.16 2.28 0.00	25.78 1.80 0.00	23.11 1.50 0.00	25.83 1.69 0.00	29.70 1.73 0.00	29.82 1.49 0.00	25.25 1.33 0.00	24.24 1.39 0.00	22.58 1.42 0.00	23.94 1.65 0.00	36.77 2.52 0.00	49.71 3.40 0.00	58.27 3.98 0.00	163.00 10.28 0.00	40.35 2.62 0.00	30.66 1.90 0.00	32.76 1.93 0.00
NEG CAPITAL___MECHNVIL 23645	21.11 1.07 0.00	21.96 1.04 0.00	21.25 1.01 0.00	21.38 1.02 0.00	23.13 1.09 0.00	30.82 1.51 0.00	60.96 3.07 0.00	31.48 1.60 0.00	25.14 1.16 0.00	22.48 0.86 0.00	25.15 1.02 0.00	28.98 1.01 0.00	29.18 0.84 0.00	24.69 0.77 0.00	23.65 0.81 0.00	22.15 0.99 0.00	23.57 1.28 0.00	36.16 1.91 0.00	48.91 2.60 0.00	57.23 2.94 0.00	160.82 8.10 0.00	39.61 1.88 0.00	30.06 1.30 0.00	32.27 1.45 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.12 -0.92 0.00	19.99 -0.94 0.00	19.38 -0.86 0.00	19.52 -0.83 0.00	21.21 -0.85 0.00	28.18 -1.12 0.00	55.56 -2.33 0.00	28.07 -1.20 0.61	22.27 -0.93 0.77	20.09 -0.86 0.67	22.87 -0.97 0.30	26.62 -1.24 0.11	26.89 -1.44 0.00	22.57 -1.29 0.07	21.71 -1.13 0.00	20.19 -0.94 0.03	21.09 -0.86 0.34	29.39 -1.21 3.65	39.86 -1.49 4.96	50.22 -1.97 2.10	144.62 -5.23 2.87	35.42 -1.41 0.90	27.00 -1.19 0.57	28.79 -1.25 0.78
NEG CENTRAL___DRP 24199	19.90 -0.14 0.00	20.77 -0.16 0.00	20.10 -0.14 0.00	20.27 -0.09 0.00	22.01 -0.04 0.00	29.33 0.02 0.00	58.12 0.24 0.00	30.10 0.22 0.00	24.16 0.19 0.00	21.69 0.08 0.00	24.13 0.00 0.00	27.82 -0.14 0.00	27.95 -0.38 0.00	23.59 -0.33 0.00	22.62 -0.23 0.00	21.08 -0.08 0.00	22.39 0.10 0.00	34.53 0.28 0.00	46.85 0.54 0.00	54.98 0.68 0.00	154.75 2.03 0.00	38.06 0.34 0.00	28.89 0.13 0.00	30.91 0.08 0.00
NEG CENTRAL___INDECK 23768	20.09 0.06 0.00	21.09 0.17 0.00	20.34 0.09 0.00	20.52 0.16 0.00	22.47 0.42 0.00	30.01 0.70 0.00	59.76 1.88 0.00	31.20 1.15 -0.17	25.06 0.87 -0.22	22.23 0.43 -0.19	24.49 0.27 -0.08	28.20 0.21 -0.03	28.32 -0.02 0.00	23.90 -0.04 -0.02	22.85 0.01 0.00	21.28 0.12 0.00	22.70 0.41 0.00	35.58 1.33 0.00	48.71 2.39 0.00	56.95 2.62 -0.03	160.92 7.50 -0.70	39.63 1.69 -0.22	29.96 1.06 -0.14	32.11 1.09 -0.19

NEG CENTRAL___SENECA 23627	19.96 -0.07 0.00	20.84 -0.08 0.00	20.17 -0.07 0.00	20.35 0.00 0.00	22.15 0.10 0.00	29.50 0.19 0.00	58.56 0.68 0.00	30.34 0.46 0.00	24.39 0.41 0.00	21.88 0.27 0.00	24.32 0.19 0.00	28.02 0.05 0.00	28.10 -0.24 0.00	23.72 -0.20 0.00	22.75 -0.10 0.00	21.22 0.07 0.00	22.54 0.26 0.00	34.79 0.54 0.00	47.28 0.97 0.00	55.41 1.12 0.00	155.79 3.07 0.00	38.31 0.59 0.00	29.08 0.32 0.00	31.12 0.29 0.00
NEG CENTRAL___STATE_STREET 24147	20.01 -0.02 0.00	20.88 -0.04 0.00	20.24 0.00 0.00	20.40 0.04 0.00	22.03 -0.02 0.00	29.42 0.11 0.00	58.27 0.39 0.00	30.15 0.27 0.00	24.11 0.13 0.00	21.65 0.03 0.00	24.12 -0.02 0.00	27.80 -0.16 0.00	28.03 -0.31 0.00	23.65 -0.28 0.00	22.66 -0.19 0.00	21.09 -0.07 0.00	22.44 0.15 0.00	34.65 0.40 0.00	46.77 0.45 0.00	55.05 0.76 0.00	155.35 2.62 0.00	38.14 0.42 0.00	28.92 0.16 0.00	30.93 0.11 0.00
NEG MILLWOOD___DRP 24198	21.65 1.62 0.00	22.44 1.51 0.00	21.71 1.46 0.00	21.82 1.46 0.00	23.59 1.54 0.00	31.55 2.24 0.00	62.44 4.55 0.00	32.34 2.46 0.00	25.93 1.96 0.00	23.27 1.65 0.00	26.01 1.88 0.00	29.90 1.94 0.00	30.03 1.70 0.00	25.47 1.55 0.00	24.37 1.53 0.00	22.70 1.54 0.00	24.05 1.76 0.00	36.95 2.70 0.00	49.97 3.66 0.00	58.56 4.27 0.00	163.76 11.04 0.00	40.53 2.81 0.00	30.79 2.03 0.00	32.89 2.07 0.00
NEG NORTH_FLCN_SEA 23793	20.10 0.07 0.00	20.95 0.03 0.00	19.93 -0.31 0.00	19.98 -0.38 0.00	21.73 -0.32 0.00	28.84 -0.47 0.00	57.60 -0.28 0.00	29.69 -0.19 0.00	23.89 -0.09 0.00	21.79 0.17 0.00	24.31 0.17 0.00	28.12 0.15 0.00	28.69 0.35 0.00	24.21 0.28 0.00	23.07 0.23 0.00	21.30 0.14 0.00	22.45 0.16 0.00	34.64 0.39 0.00	46.89 0.58 0.00	54.83 0.53 0.00	152.99 0.27 0.00	37.61 -0.11 0.00	29.18 0.42 0.00	31.52 0.70 0.00
NEG NORTH_KES_CHATEGAY 23792	19.84 -0.19 0.00	20.73 -0.19 0.00	19.76 -0.48 0.00	19.81 -0.54 0.00	21.57 -0.48 0.00	28.63 -0.68 0.00	57.06 -0.82 0.00	29.36 -0.52 0.00	23.65 -0.33 0.00	21.48 -0.13 0.00	23.94 -0.20 0.00	27.79 -0.17 0.00	28.39 0.06 0.00	23.89 -0.03 0.00	22.74 -0.10 0.00	20.98 -0.18 0.00	22.09 -0.20 0.00	34.17 -0.08 0.00	46.24 -0.07 0.00	53.88 -0.41 0.00	150.66 -2.06 0.00	37.18 -0.54 0.00	28.75 -0.01 0.00	31.00 0.17 0.00
NEG NORTH___ALICE_FALLS 23915	20.17 0.14 0.00	21.04 0.11 0.00	20.02 -0.22 0.00	20.06 -0.29 0.00	21.84 -0.21 0.00	29.00 -0.30 0.00	57.93 0.05 0.00	29.89 0.01 0.00	24.05 0.08 0.00	21.93 0.31 0.00	24.45 0.32 0.00	28.29 0.32 0.00	28.83 0.50 0.00	24.32 0.39 0.00	23.17 0.33 0.00	21.39 0.23 0.00	22.56 0.27 0.00	34.88 0.63 0.00	47.22 0.91 0.00	55.15 0.86 0.00	153.93 1.21 0.00	37.85 0.13 0.00	29.34 0.58 0.00	31.67 0.84 0.00
NEG NORTH___LWR_SARANAC 23913	20.17 0.14 0.00	21.04 0.11 0.00	20.02 -0.22 0.00	20.06 -0.29 0.00	21.84 -0.21 0.00	29.00 -0.30 0.00	57.93 0.05 0.00	29.89 0.01 0.00	24.05 0.08 0.00	21.93 0.31 0.00	24.45 0.32 0.00	28.29 0.32 0.00	28.83 0.50 0.00	24.32 0.39 0.00	23.17 0.33 0.00	21.39 0.23 0.00	22.56 0.27 0.00	34.88 0.63 0.00	47.22 0.91 0.00	55.15 0.86 0.00	153.93 1.21 0.00	37.85 0.13 0.00	29.34 0.58 0.00	31.67 0.84 0.00
NEG NORTH___PLATTSBURG 23628	20.17 0.14 0.00	21.04 0.11 0.00	20.02 -0.22 0.00	20.06 -0.29 0.00	21.84 -0.21 0.00	29.00 -0.30 0.00	57.93 0.05 0.00	29.89 0.01 0.00	24.05 0.08 0.00	21.93 0.31 0.00	24.46 0.32 0.00	28.29 0.32 0.00	28.83 0.50 0.00	24.31 0.39 0.00	23.17 0.33 0.00	21.39 0.23 0.00	22.56 0.27 0.00	34.88 0.63 0.00	47.22 0.91 0.00	55.16 0.86 0.00	153.94 1.21 0.00	37.85 0.13 0.00	29.34 0.58 0.00	31.67 0.84 0.00
NEG WEST_LEA_LOCKPORT 23791	18.80 -1.23 0.00	19.74 -1.18 0.00	19.18 -1.06 0.00	19.36 -0.99 0.00	21.07 -0.98 0.00	27.88 -1.43 0.00	54.42 -3.47 0.00	27.95 -1.93 0.00	22.54 -1.44 0.00	20.40 -1.21 0.00	22.79 -1.35 0.00	26.18 -1.79 0.00	26.36 -1.98 0.00	22.08 -1.84 0.00	21.24 -1.60 0.00	19.81 -1.35 0.00	20.98 -1.31 0.00	32.26 -1.99 0.00	43.65 -2.66 0.00	50.75 -3.55 0.00	142.94 -9.78 0.00	35.29 -2.43 0.00	26.90 -1.86 0.00	29.17 -1.65 0.00
NEG WEST___LANCASTER 23811	19.56 -0.48 0.00	20.53 -0.39 0.00	19.87 -0.37 0.00	20.05 -0.31 0.00	21.81 -0.24 0.00	28.90 -0.41 0.00	56.67 -1.21 0.00	29.19 -0.68 0.00	23.54 -0.43 0.00	21.28 -0.34 0.00	23.81 -0.32 0.00	27.40 -0.56 0.00	27.61 -0.73 0.00	23.18 -0.74 0.00	22.29 -0.55 0.00	20.79 -0.36 0.00	22.00 -0.29 0.00	33.76 -0.49 0.00	45.69 -0.63 0.00	53.21 -1.08 0.00	149.76 -2.96 0.00	36.97 -0.75 0.00	28.21 -0.55 0.00	30.46 -0.37 0.00
NEG_PENN_ALLEGHNY 23528	20.17 0.13 0.00	21.03 0.10 0.00	20.32 0.07 0.00	20.45 0.10 0.00	22.20 0.15 0.00	29.61 0.30 0.00	58.63 0.74 0.00	31.09 0.52 -0.69	25.34 0.49 -0.88	22.76 0.38 -0.76	24.88 0.40 -0.34	28.42 0.33 -0.12	28.49 0.15 0.00	24.10 0.10 -0.08	23.03 0.18 0.00	21.51 0.31 -0.04	23.13 0.43 -0.41	39.37 0.74 -4.38	53.36 1.09 -5.95	58.15 1.34 -2.52	159.99 3.72 -3.55	39.69 0.86 -1.11	30.03 0.56 -0.71	32.37 0.57 -0.97
NEG___GEN_MONROE 24207	19.51 -0.53 0.00	20.42 -0.50 0.00	19.80 -0.44 0.00	19.96 -0.40 0.00	21.69 -0.36 0.00	28.80 -0.51 0.00	56.65 -1.23 0.00	29.20 -0.68 0.00	23.45 -0.52 0.00	21.12 -0.49 0.00	23.56 -0.57 0.00	27.13 -0.83 0.00	27.34 -1.00 0.00	22.99 -0.93 0.00	22.06 -0.78 0.00	20.53 -0.63 0.00	21.79 -0.50 0.00	33.64 -0.62 0.00	45.58 -0.73 0.00	53.17 -1.12 0.00	149.90 -2.83 0.00	36.91 -0.81 0.00	28.05 -0.71 0.00	30.19 -0.63 0.00
NEPA___ENERGY 23901	19.29 -0.74 0.00	20.18 -0.74 0.00	19.60 -0.64 0.00	19.78 -0.57 0.00	21.54 -0.51 0.00	28.71 -0.60 0.00	56.45 -1.43 0.00	29.04 -0.84 0.00	23.34 -0.63 0.00	21.07 -0.54 0.00	23.62 -0.51 0.00	27.24 -0.73 0.00	27.33 -1.01 0.00	22.92 -1.01 0.00	22.06 -0.78 0.00	20.57 -0.58 0.00	21.69 -0.60 0.00	33.31 -0.94 0.00	45.15 -1.16 0.00	52.91 -1.38 0.00	148.89 -3.83 0.00	36.71 -1.02 0.00	27.93 -0.83 0.00	30.08 -0.74 0.00
NEVERSINK___HYD 23608	21.20 1.16 0.00	21.99 1.07 0.00	21.27 1.03 0.00	21.38 1.02 0.00	23.13 1.08 0.00	30.96 1.65 0.00	61.34 3.46 0.00	31.78 1.91 0.00	25.40 1.43 0.00	22.72 1.11 0.00	25.31 1.18 0.00	29.01 1.04 0.00	28.41 0.07 0.00	24.06 0.13 0.00	23.07 0.22 0.00	21.47 0.31 0.00	22.86 0.57 0.00	35.28 1.03 0.00	47.74 1.43 0.00	56.65 2.36 0.00	161.41 8.69 0.00	39.94 2.22 0.00	30.32 1.56 0.00	32.36 1.54 0.00
NEWKRMKL_115KV_TB1 55635	20.71 0.67 0.00	21.55 0.63 0.00	20.86 0.61 0.00	20.97 0.62 0.00	22.69 0.64 0.00	30.19 0.88 0.00	59.61 1.72 0.00	30.78 0.90 0.00	24.66 0.68 0.00	22.10 0.49 0.00	24.74 0.61 0.00	28.49 0.52 0.00	28.71 0.37 0.00	24.33 0.41 0.00	23.30 0.45 0.00	21.74 0.58 0.00	23.06 0.77 0.00	35.22 0.97 0.00	47.61 1.30 0.00	55.75 1.45 0.00	156.66 3.94 0.00	38.65 0.93 0.00	29.39 0.63 0.00	31.49 0.66 0.00

NEWTON___FALLS_HYD 23847	19.33 -0.71 0.00	20.26 -0.66 0.00	19.64 -0.60 0.00	19.83 -0.53 0.00	21.67 -0.38 0.00	28.92 -0.38 0.00	57.50 -0.39 0.00	29.68 -0.19 0.00	23.84 -0.13 0.00	21.48 -0.14 0.00	23.88 -0.26 0.00	27.64 -0.33 0.00	27.96 -0.37 0.00	23.47 -0.45 0.00	22.25 -0.59 0.00	20.53 -0.63 0.00	21.82 -0.46 0.00	34.28 0.03 0.00	46.51 0.20 0.00	54.03 -0.26 0.00	151.71 -1.02 0.00	37.28 -0.44 0.00	28.51 -0.25 0.00	30.58 -0.25 0.00
NGRID_A1_DSASP 323792	18.52 -1.52 0.00	19.44 -1.48 0.00	18.88 -1.37 0.00	19.01 -1.34 0.00	20.70 -1.35 0.00	27.36 -1.95 0.00	53.12 -4.76 0.00	25.59 -2.60 1.69	19.92 -1.92 2.14	18.12 -1.64 1.86	21.43 -1.86 0.84	25.28 -2.38 0.31	25.71 -2.63 0.00	21.36 -2.37 0.19	20.74 -2.10 0.00	19.26 -1.81 0.09	19.57 -1.78 0.94	21.71 -2.54 10.00	29.27 -3.46 13.59	43.79 -4.75 5.75	131.27 -13.48 7.98	31.98 -3.26 2.49	24.72 -2.45 1.59	26.38 -2.27 2.18
NGRID_A2_DSASP 323793	18.52 -1.52 0.00	19.44 -1.48 0.00	18.88 -1.37 0.00	19.01 -1.34 0.00	20.70 -1.35 0.00	27.36 -1.95 0.00	53.12 -4.76 0.00	25.59 -2.60 1.69	19.92 -1.92 2.14	18.12 -1.64 1.86	21.43 -1.86 0.84	25.28 -2.38 0.31	25.71 -2.63 0.00	21.36 -2.37 0.19	20.74 -2.10 0.00	19.26 -1.81 0.09	19.57 -1.78 0.94	21.71 -2.54 10.00	29.27 -3.46 13.59	43.79 -4.75 5.75	131.27 -13.48 7.98	31.98 -3.26 2.49	24.72 -2.45 1.59	26.38 -2.27 2.18
NGRID_A4_DSASP 323807	18.52 -1.52 0.00	19.44 -1.48 0.00	18.88 -1.37 0.00	19.01 -1.34 0.00	20.70 -1.35 0.00	27.36 -1.95 0.00	53.12 -4.76 0.00	25.59 -2.60 1.69	19.92 -1.92 2.14	18.12 -1.64 1.86	21.43 -1.86 0.84	25.28 -2.38 0.31	25.71 -2.63 0.00	21.36 -2.37 0.19	20.74 -2.10 0.00	19.26 -1.81 0.09	19.57 -1.78 0.94	21.71 -2.54 10.00	29.27 -3.46 13.59	43.79 -4.75 5.75	131.27 -13.48 7.98	31.98 -3.26 2.49	24.72 -2.45 1.59	26.38 -2.27 2.18
NIAGARA_115E_LBMP 323715	18.49 -1.55 0.00	19.40 -1.52 0.00	18.85 -1.39 0.00	19.00 -1.36 0.00	20.68 -1.37 0.00	27.34 -1.97 0.00	53.27 -4.61 0.00	25.67 -2.54 1.67	19.94 -1.91 2.12	18.14 -1.63 1.84	21.48 -1.82 0.83	25.35 -2.31 0.30	25.80 -2.53 0.00	21.44 -2.29 0.19	20.82 -2.02 0.00	19.33 -1.74 0.09	19.61 -1.75 0.93	21.62 -2.71 9.92	29.20 -3.64 13.48	43.88 -4.71 5.70	131.80 -13.02 7.90	32.05 -3.20 2.47	24.79 -2.40 1.58	26.47 -2.20 2.16
NIAGARA_115W_LBMP 323714	18.48 -1.55 0.00	19.41 -1.52 0.00	18.84 -1.40 0.00	18.98 -1.38 0.00	20.66 -1.39 0.00	27.30 -2.01 0.00	52.99 -4.89 0.00	25.53 -2.67 1.68	19.87 -1.97 2.14	18.08 -1.69 1.86	21.37 -1.92 0.84	25.20 -2.46 0.30	25.64 -2.69 0.00	21.30 -2.43 0.19	20.69 -2.15 0.00	19.21 -1.86 0.09	19.52 -1.83 0.94	21.67 -2.59 9.98	29.21 -3.54 13.56	43.69 -4.86 5.74	130.89 -13.87 7.96	31.90 -3.34 2.49	24.67 -2.50 1.59	26.33 -2.32 2.18
NIAGARA_230_LBMP 323716	18.68 -1.36 0.00	19.60 -1.32 0.00	19.02 -1.22 0.00	19.17 -1.19 0.00	20.86 -1.20 0.00	27.57 -1.74 0.00	53.76 -4.12 0.00	25.95 -2.27 1.66	20.15 -1.72 2.10	18.33 -1.46 1.83	21.72 -1.59 0.83	25.64 -2.03 0.30	26.09 -2.24 0.00	21.69 -2.05 0.19	21.06 -1.79 0.00	19.55 -1.52 0.09	19.83 -1.54 0.92	22.05 -2.37 9.83	29.78 -3.18 13.35	44.45 -4.19 5.65	133.29 -11.60 7.84	32.41 -2.86 2.45	25.01 -2.19 1.57	26.62 -2.06 2.14
NIAGARA___115KV_198_GIBSON 55903	18.48 -1.55 0.00	19.40 -1.53 0.00	18.84 -1.41 0.00	19.00 -1.36 0.00	20.66 -1.39 0.00	27.30 -2.01 0.00	52.99 -4.89 0.00	27.21 -2.67 0.00	22.01 -1.97 0.00	19.95 -1.67 0.00	22.22 -1.92 0.00	25.50 -2.47 0.00	25.64 -2.69 0.00	21.52 -2.40 0.00	20.69 -2.15 0.00	19.30 -1.86 0.00	20.49 -1.80 0.00	31.64 -2.61 0.00	42.73 -3.58 0.00	49.41 -4.88 0.00	138.89 -13.84 0.00	34.36 -3.36 0.00	26.25 -2.51 0.00	28.53 -2.30 0.00
NIAGARA____ 23760	18.68 -1.36 0.00	19.60 -1.32 0.00	19.02 -1.22 0.00	19.17 -1.19 0.00	20.86 -1.20 0.00	27.57 -1.74 0.00	53.76 -4.12 0.00	25.95 -2.27 1.66	20.14 -1.72 2.11	18.32 -1.46 1.83	21.72 -1.59 0.83	25.64 -2.03 0.30	26.09 -2.24 0.00	21.69 -2.05 0.19	21.06 -1.79 0.00	19.55 -1.52 0.09	19.82 -1.54 0.93	22.01 -2.37 9.87	29.71 -3.18 13.42	44.43 -4.19 5.68	133.25 -11.60 7.88	32.40 -2.86 2.46	25.00 -2.19 1.57	26.62 -2.06 2.15
NINE_MILE_1 23575	19.29 -0.75 0.00	20.12 -0.80 0.00	19.48 -0.76 0.00	19.61 -0.75 0.00	21.23 -0.82 0.00	28.23 -1.08 0.00	55.77 -2.11 0.00	28.82 -1.06 0.00	23.13 -0.84 0.00	20.85 -0.76 0.00	23.23 -0.90 0.00	26.84 -1.13 0.00	27.11 -1.23 0.00	22.88 -1.05 0.00	21.89 -0.95 0.00	20.37 -0.79 0.00	21.52 -0.77 0.00	33.08 -1.17 0.00	44.75 -1.57 0.00	52.58 -1.72 0.00	148.42 -4.30 0.00	36.62 -1.11 0.00	27.86 -0.90 0.00	29.80 -1.03 0.00
NINE_MILE_2 23744	19.29 -0.74 0.00	20.12 -0.80 0.00	19.49 -0.75 0.00	19.61 -0.74 0.00	21.24 -0.82 0.00	28.23 -1.08 0.00	55.78 -2.11 0.00	28.82 -1.06 0.00	23.13 -0.84 0.00	20.85 -0.76 0.00	23.24 -0.90 0.00	26.84 -1.13 0.00	27.11 -1.22 0.00	22.88 -1.04 0.00	21.89 -0.95 0.00	20.37 -0.79 0.00	21.52 -0.77 0.00	33.08 -1.17 0.00	44.75 -1.57 0.00	52.58 -1.72 0.00	148.43 -4.29 0.00	36.62 -1.10 0.00	27.86 -0.90 0.00	29.80 -1.02 0.00
NM_CAPITAL___DRP 24208	20.78 0.74 0.00	21.63 0.71 0.00	20.93 0.69 0.00	21.05 0.69 0.00	22.77 0.72 0.00	30.30 0.99 0.00	59.79 1.90 0.00	30.87 0.99 0.00	24.73 0.76 0.00	22.16 0.55 0.00	24.82 0.68 0.00	28.57 0.60 0.00	28.78 0.45 0.00	24.40 0.48 0.00	23.36 0.52 0.00	21.80 0.65 0.00	23.10 0.82 0.00	35.27 1.02 0.00	47.70 1.38 0.00	55.83 1.54 0.00	156.97 4.24 0.00	38.73 1.01 0.00	29.47 0.71 0.00	31.59 0.76 0.00
NM_CENTRAL___DRP 24181	19.67 -0.37 0.00	20.51 -0.41 0.00	19.87 -0.37 0.00	20.01 -0.34 0.00	21.69 -0.36 0.00	28.86 -0.44 0.00	57.06 -0.83 0.00	29.50 -0.38 0.00	23.68 -0.29 0.00	21.33 -0.29 0.00	23.77 -0.36 0.00	27.44 -0.53 0.00	27.67 -0.66 0.00	23.35 -0.57 0.00	22.36 -0.49 0.00	20.81 -0.35 0.00	22.03 -0.26 0.00	33.86 -0.39 0.00	45.81 -0.50 0.00	53.78 -0.51 0.00	151.77 -0.95 0.00	37.42 -0.30 0.00	28.44 -0.32 0.00	30.42 -0.41 0.00
NM_FRONTIER___DRP 24179	18.48 -1.55 0.00	19.40 -1.53 0.00	18.84 -1.41 0.00	19.00 -1.36 0.00	20.66 -1.39 0.00	27.30 -2.01 0.00	52.99 -4.89 0.00	27.21 -2.67 0.00	22.01 -1.97 0.00	19.95 -1.67 0.00	22.22 -1.92 0.00	25.50 -2.47 0.00	25.64 -2.69 0.00	21.52 -2.40 0.00	20.69 -2.15 0.00	19.30 -1.86 0.00	20.49 -1.80 0.00	31.64 -2.61 0.00	42.73 -3.58 0.00	49.41 -4.88 0.00	138.89 -13.84 0.00	34.36 -3.36 0.00	26.25 -2.51 0.00	28.53 -2.30 0.00
NM_ST_REGIS___HYD 24053	19.61 -0.43 0.00	20.57 -0.35 0.00	19.79 -0.45 0.00	19.84 -0.52 0.00	21.61 -0.45 0.00	28.57 -0.73 0.00	56.69 -1.20 0.00	29.22 -0.66 0.00	23.51 -0.47 0.00	21.31 -0.30 0.00	23.74 -0.39 0.00	27.64 -0.33 0.00	28.18 -0.16 0.00	23.66 -0.27 0.00	22.48 -0.37 0.00	20.66 -0.50 0.00	21.75 -0.54 0.00	33.76 -0.49 0.00	45.75 -0.57 0.00	53.28 -1.02 0.00	149.43 -3.30 0.00	36.89 -0.83 0.00	28.44 -0.32 0.00	30.57 -0.25 0.00

NORTHPORT___1 23551	21.90 1.87 0.00	22.72 1.80 0.00	21.92 1.68 0.00	22.00 1.65 0.00	23.73 1.68 0.00	31.79 2.48 0.00	62.92 5.04 0.00	32.70 2.82 0.00	26.29 2.32 0.00	23.50 1.89 0.00	26.28 2.14 0.00	30.12 2.16 0.00	30.14 1.80 0.00	25.51 1.59 0.00	25.05 1.81 -0.39	36.13 1.78 -13.18	56.17 2.01 -31.87	40.76 2.69 -3.81	42.33 3.21 7.20	57.13 4.05 1.21	155.48 9.91 7.16	40.06 2.89 0.55	30.99 2.24 0.00	33.36 2.36 -0.17
NORTHPORT___2 23552	21.90 1.87 0.00	22.72 1.80 0.00	21.92 1.68 0.00	22.00 1.65 0.00	23.73 1.68 0.00	31.79 2.48 0.00	62.92 5.04 0.00	32.70 2.82 0.00	26.29 2.32 0.00	23.50 1.89 0.00	26.28 2.14 0.00	30.12 2.16 0.00	30.14 1.80 0.00	25.51 1.59 0.00	25.05 1.81 -0.39	36.13 1.78 -13.18	56.17 2.01 -31.87	40.76 2.69 -3.81	42.33 3.21 7.20	57.13 4.05 1.21	155.48 9.91 7.16	40.06 2.89 0.55	30.99 2.24 0.00	33.36 2.36 -0.17
NORTHPORT___3 23553	21.79 1.75 0.00	22.57 1.65 0.00	21.79 1.55 0.00	21.90 1.54 0.00	23.64 1.59 0.00	31.62 2.32 0.00	62.27 4.39 0.00	32.41 2.53 0.00	26.06 2.09 0.00	23.36 1.74 0.00	26.18 2.04 0.00	30.04 2.07 0.00	30.10 1.76 0.00	25.47 1.55 0.00	24.93 1.70 -0.39	36.02 1.68 -13.18	38.17 1.88 -14.00	-33.22 2.71 70.18	23.14 3.18 26.35	17.91 3.87 40.26	162.00 9.28 0.00	40.42 2.70 0.00	30.91 2.15 0.00	33.23 2.23 -0.17
NORTHPORT___4 23650	21.79 1.75 0.00	22.57 1.65 0.00	21.79 1.55 0.00	21.90 1.54 0.00	23.64 1.59 0.00	31.62 2.32 0.00	62.27 4.39 0.00	32.41 2.53 0.00	26.06 2.09 0.00	23.36 1.74 0.00	26.18 2.04 0.00	30.04 2.07 0.00	30.10 1.76 0.00	25.47 1.55 0.00	24.93 1.70 -0.39	36.02 1.68 -13.18	38.17 1.88 -14.00	-33.22 2.71 70.18	23.14 3.18 26.35	17.91 3.87 40.26	162.00 9.28 0.00	40.42 2.70 0.00	30.91 2.15 0.00	33.23 2.23 -0.17
NORTHPORT___IC 23718	21.90 1.87 0.00	22.72 1.80 0.00	21.92 1.68 0.00	22.00 1.64 0.00	23.72 1.67 0.00	31.79 2.48 0.00	62.92 5.03 0.00	32.70 2.82 0.00	26.29 2.31 0.00	23.50 1.89 0.00	26.28 2.15 0.00	30.13 2.16 0.00	30.14 1.80 0.00	25.51 1.59 0.00	25.05 1.81 -0.39	36.13 1.78 -13.18	56.17 2.01 -31.87	40.75 2.69 -3.81	42.33 3.22 7.20	57.14 4.05 1.21	155.48 9.92 7.16	40.07 2.90 0.55	31.00 2.24 0.00	33.35 2.36 -0.17
NORTH___COUNTRY_ESR 323785	19.74 -0.29 0.00	20.64 -0.28 0.00	19.67 -0.57 0.00	19.71 -0.64 0.00	21.46 -0.59 0.00	28.49 -0.82 0.00	56.76 -1.12 0.00	29.22 -0.66 0.00	23.53 -0.45 0.00	21.40 -0.21 0.00	23.85 -0.29 0.00	27.70 -0.26 0.00	28.30 -0.03 0.00	23.82 -0.10 0.00	22.68 -0.16 0.00	20.91 -0.25 0.00	22.00 -0.28 0.00	34.01 -0.24 0.00	45.99 -0.32 0.00	53.60 -0.70 0.00	149.88 -2.84 0.00	36.95 -0.77 0.00	28.59 -0.16 0.00	30.86 0.03 0.00
NPX_GEN_1385_PROXY 323591	22.00 1.96 0.00	23.02 2.10 0.00	22.10 1.86 0.00	22.15 1.79 0.00	23.73 1.68 0.00	31.94 2.63 0.00	64.42 6.53 0.00	45.98 3.68 -12.41	26.69 2.71 0.00	23.65 2.04 0.00	26.25 2.11 0.00	29.91 1.94 0.00	29.77 1.43 0.00	25.22 1.30 0.00	25.10 1.87 -0.39	35.83 1.66 -13.01	56.20 2.22 -31.69	41.01 2.94 -3.81	42.76 3.65 7.20	57.50 4.41 1.21	156.48 10.92 7.16	40.28 3.11 0.55	31.06 2.30 0.00	33.18 2.19 -0.17
NPX_GEN_CSC 323557	22.12 2.08 0.00	22.91 1.98 0.00	22.09 1.85 0.00	22.18 1.83 0.00	23.95 1.90 0.00	32.04 2.73 0.00	63.25 5.37 0.00	32.78 2.90 0.00	26.52 2.54 0.00	23.69 2.08 0.00	26.47 2.33 0.00	30.34 2.38 0.00	30.34 2.01 0.00	25.69 1.77 0.00	25.20 1.97 -0.39	36.15 1.99 -13.01	109.09 2.31 -84.49	332.31 3.15 -294.91	160.72 3.67 -110.74	228.20 4.72 -169.18	164.15 11.42 0.00	41.00 3.27 0.00	31.29 2.53 0.00	33.75 2.74 -0.18
NSINS_S_GLNS_FALLS 23858	20.91 0.88 0.00	21.75 0.82 0.00	21.02 0.78 0.00	21.15 0.80 0.00	22.89 0.84 0.00	30.51 1.20 0.00	60.35 2.46 0.00	31.17 1.29 0.00	24.86 0.89 0.00	22.22 0.60 0.00	24.87 0.74 0.00	28.65 0.69 0.00	28.78 0.45 0.00	24.37 0.44 0.00	23.38 0.53 0.00	21.95 0.79 0.00	23.46 1.18 0.00	35.90 1.65 0.00	48.57 2.25 0.00	56.81 2.52 0.00	159.43 6.70 0.00	39.29 1.57 0.00	29.82 1.06 0.00	32.03 1.20 0.00
NUCOR_STEEL___DRP 24197	19.99 -0.04 0.00	20.86 -0.06 0.00	20.22 -0.02 0.00	20.38 0.03 0.00	21.99 -0.06 0.00	29.38 0.07 0.00	58.17 0.28 0.00	30.08 0.20 0.00	24.04 0.06 0.00	21.59 -0.02 0.00	24.07 -0.07 0.00	27.75 -0.21 0.00	27.98 -0.36 0.00	23.61 -0.31 0.00	22.61 -0.23 0.00	21.05 -0.11 0.00	22.40 0.11 0.00	34.58 0.33 0.00	46.62 0.30 0.00	54.89 0.60 0.00	154.92 2.20 0.00	38.03 0.30 0.00	28.85 0.08 0.00	30.87 0.05 0.00
NUMBER_THREE_WT_PWR 323818	19.34 -0.70 0.00	20.24 -0.68 0.00	19.73 -0.51 0.00	20.04 -0.31 0.00	22.02 -0.03 0.00	29.67 0.36 0.00	59.13 1.25 0.00	30.58 0.70 0.00	24.57 0.60 0.00	22.05 0.43 0.00	24.50 0.37 0.00	28.22 0.25 0.00	28.33 0.00 0.00	23.79 -0.13 0.00	22.52 -0.32 0.00	20.86 -0.30 0.00	22.36 0.08 0.00	35.38 1.13 0.00	48.04 1.73 0.00	55.62 1.33 0.00	156.18 3.45 0.00	38.20 0.48 0.00	29.04 0.28 0.00	31.11 0.28 0.00
NYISO_LBMP_REFERENCE 24008	20.04 0.00 0.00	20.93 0.00 0.00	20.24 0.00 0.00	20.36 0.00 0.00	22.05 0.00 0.00	29.31 0.00 0.00	57.89 0.00 0.00	29.88 0.00 0.00	23.97 0.00 0.00	21.61 0.00 0.00	24.13 0.00 0.00	27.97 0.00 0.00	28.34 0.00 0.00	23.92 0.00 0.00	22.84 0.00 0.00	21.16 0.00 0.00	22.29 0.00 0.00	34.25 0.00 0.00	46.32 0.00 0.00	54.29 0.00 0.00	152.72 0.00 0.00	37.72 0.00 0.00	28.76 0.00 0.00	30.83 0.00 0.00
NYPA_BRENTWD___GT 24164	22.11 2.08 0.00	22.93 2.00 0.00	22.11 1.87 0.00	22.20 1.85 0.00	23.96 1.91 0.00	32.11 2.80 0.00	63.51 5.62 0.00	32.99 3.11 0.00	26.55 2.57 0.00	23.75 2.13 0.00	26.55 2.41 0.00	30.43 2.47 0.00	30.46 2.12 0.00	25.79 1.86 0.00	25.28 2.04 -0.39	36.37 2.03 -13.18	62.01 2.31 -37.42	88.06 3.00 -50.80	68.89 3.50 -19.08	88.12 4.68 -29.15	165.07 12.34 0.00	41.17 3.44 0.00	31.37 2.61 0.00	33.76 2.75 -0.19
NYPA_GOWANUS___GT5 24156	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.68 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00
NYPA_GOWANUS___GT6 24157	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.46 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.37 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.59 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.77 0.00	36.81 2.56 0.00	49.68 3.37 0.00	58.31 4.02 0.00	162.82 10.10 0.00	40.43 2.70 0.00	30.75 1.99 0.00	32.79 1.96 0.00

NYPA_HARLEM__RVR__GT1 24160	21.55 1.51 0.00	22.27 1.34 0.00	21.58 1.34 0.00	21.63 1.28 0.00	23.36 1.31 0.00	31.24 1.93 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.84 0.00	23.20 1.59 0.00	25.89 1.75 0.00	29.73 1.76 0.00	29.88 1.55 0.00	25.32 1.39 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.23 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.54 8.82 0.00	40.08 2.36 0.00	30.48 1.72 0.00	32.50 1.68 0.00
NYPA_HARLEM__RVR__GT2 24161	21.55 1.51 0.00	22.27 1.34 0.00	21.58 1.34 0.00	21.63 1.28 0.00	23.36 1.31 0.00	31.24 1.93 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.84 0.00	23.20 1.59 0.00	25.89 1.75 0.00	29.73 1.76 0.00	29.88 1.55 0.00	25.32 1.39 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.23 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.54 8.82 0.00	40.08 2.36 0.00	30.48 1.72 0.00	32.50 1.68 0.00
NYPA_KENT____GT 24152	21.64 1.60 0.00	22.38 1.46 0.00	21.68 1.44 0.00	21.77 1.41 0.00	23.50 1.45 0.00	31.45 2.14 0.00	62.24 4.36 0.00	32.31 2.43 0.00	25.95 1.98 0.00	23.33 1.71 0.00	26.05 1.92 0.00	29.94 1.97 0.00	30.08 1.74 0.00	25.46 1.54 0.00	24.40 1.55 0.00	22.69 1.52 0.00	24.01 1.72 0.00	36.71 2.46 0.00	49.57 3.25 0.00	58.16 3.86 0.00	162.36 9.64 0.00	40.31 2.59 0.00	30.67 1.91 0.00	32.72 1.89 0.00
NYPA_POUCH1____GT 24155	21.62 1.58 0.00	22.37 1.45 0.00	21.67 1.42 0.00	21.75 1.40 0.00	23.49 1.44 0.00	31.46 2.15 0.00	62.23 4.34 0.00	32.25 2.38 0.00	25.92 1.94 0.00	23.29 1.68 0.00	26.01 1.87 0.00	29.88 1.91 0.00	30.01 1.68 0.00	25.41 1.48 0.00	24.34 1.50 0.00	22.62 1.46 0.00	23.87 1.66 0.07	36.63 2.39 0.00	49.45 3.14 0.00	58.09 3.80 0.00	162.20 9.48 0.00	40.30 2.58 0.00	30.67 1.91 0.00	32.67 1.84 0.00
NYPA_VERNON____GT2 24162	21.59 1.55 0.00	22.33 1.41 0.00	21.64 1.39 0.00	21.72 1.37 0.00	23.45 1.40 0.00	31.37 2.06 0.00	62.09 4.20 0.00	32.23 2.35 0.00	25.89 1.91 0.00	23.28 1.67 0.00	26.00 1.87 0.00	29.87 1.90 0.00	30.01 1.68 0.00	25.41 1.48 0.00	24.34 1.50 0.00	22.64 1.48 0.00	23.96 1.67 0.00	36.65 2.40 0.00	49.50 3.19 0.00	58.07 3.77 0.00	162.05 9.33 0.00	40.22 2.49 0.00	30.59 1.83 0.00	32.64 1.81 0.00
NYPA_VERNON____GT3 24163	21.59 1.55 0.00	22.33 1.41 0.00	21.64 1.39 0.00	21.72 1.37 0.00	23.45 1.40 0.00	31.37 2.06 0.00	62.09 4.20 0.00	32.23 2.35 0.00	25.89 1.91 0.00	23.28 1.67 0.00	26.00 1.87 0.00	29.87 1.90 0.00	30.01 1.68 0.00	25.41 1.48 0.00	24.34 1.50 0.00	22.64 1.48 0.00	23.96 1.67 0.00	36.65 2.40 0.00	49.50 3.19 0.00	58.07 3.77 0.00	162.05 9.33 0.00	40.22 2.49 0.00	30.59 1.83 0.00	32.64 1.81 0.00
NYPA__ASTORIA_CC1 323568	21.57 1.53 0.00	22.31 1.38 0.00	21.62 1.38 0.00	21.70 1.35 0.00	23.42 1.37 0.00	31.33 2.01 0.00	62.01 4.12 0.00	32.19 2.32 0.00	25.86 1.89 0.00	23.26 1.64 0.00	25.97 1.84 0.00	29.83 1.86 0.00	29.97 1.63 0.00	25.38 1.46 0.00	24.32 1.47 0.00	22.62 1.46 0.00	23.93 1.64 0.00	36.61 2.36 0.00	49.45 3.14 0.00	58.00 3.71 0.00	161.90 9.17 0.00	40.17 2.45 0.00	30.56 1.79 0.00	32.61 1.79 0.00
NYPA__ASTORIA_CC2 323569	21.57 1.53 0.00	22.31 1.38 0.00	21.62 1.38 0.00	21.70 1.35 0.00	23.42 1.37 0.00	31.33 2.01 0.00	62.01 4.12 0.00	32.19 2.32 0.00	25.86 1.89 0.00	23.26 1.64 0.00	25.97 1.84 0.00	29.83 1.86 0.00	29.97 1.63 0.00	25.38 1.46 0.00	24.32 1.47 0.00	22.62 1.46 0.00	23.93 1.64 0.00	36.61 2.36 0.00	49.45 3.14 0.00	58.00 3.71 0.00	161.90 9.17 0.00	40.17 2.45 0.00	30.56 1.79 0.00	32.61 1.79 0.00
NYPA__HOLTSVILL 23794	22.02 1.98 0.00	22.82 1.89 0.00	22.01 1.77 0.00	22.10 1.75 0.00	23.86 1.81 0.00	31.95 2.64 0.00	63.13 5.25 0.00	32.77 2.88 0.00	26.41 2.43 0.00	23.62 2.00 0.00	26.40 2.26 0.00	30.27 2.30 0.00	30.28 1.94 0.00	25.64 1.71 0.00	25.13 1.90 -0.39	36.25 1.91 -13.18	105.06 2.19 -80.59	311.06 2.99 -273.82	152.69 3.56 -102.82	215.90 4.52 -157.08	163.85 11.13 0.00	40.91 3.18 0.00	31.19 2.43 0.00	33.59 2.58 -0.18
NYPA__HELLGATE_GT1 24158	21.55 1.51 0.00	22.27 1.34 0.00	21.58 1.34 0.00	21.63 1.28 0.00	23.36 1.31 0.00	31.24 1.93 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.84 0.00	23.20 1.59 0.00	25.89 1.75 0.00	29.73 1.76 0.00	29.88 1.55 0.00	25.32 1.39 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.23 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.54 8.82 0.00	40.08 2.36 0.00	30.48 1.72 0.00	32.50 1.68 0.00
NYPA__HELLGATE_GT2 24159	21.55 1.51 0.00	22.27 1.34 0.00	21.58 1.34 0.00	21.63 1.28 0.00	23.36 1.31 0.00	31.24 1.93 0.00	61.87 3.99 0.00	32.14 2.26 0.00	25.82 1.84 0.00	23.20 1.59 0.00	25.89 1.75 0.00	29.73 1.76 0.00	29.88 1.55 0.00	25.32 1.39 0.00	24.25 1.40 0.00	22.55 1.39 0.00	23.85 1.56 0.00	36.47 2.23 0.00	49.29 2.98 0.00	57.89 3.60 0.00	161.54 8.82 0.00	40.08 2.36 0.00	30.48 1.72 0.00	32.50 1.68 0.00
NYS_BARGE__HYD 23848	18.82 -1.22 0.00	19.76 -1.16 0.00	19.19 -1.05 0.00	19.35 -1.00 0.00	21.08 -0.97 0.00	27.89 -1.42 0.00	54.46 -3.43 0.00	26.44 -1.90 1.54	20.61 -1.41 1.95	18.71 -1.21 1.70	22.02 -1.35 0.77	25.91 -1.78 0.28	26.36 -1.98 0.00	21.91 -1.84 0.18	21.24 -1.60 0.00	19.73 -1.35 0.08	20.11 -1.32 0.86	23.16 -1.95 9.14	31.32 -2.58 12.42	45.54 -3.50 5.25	135.83 -9.63 7.26	33.07 -2.39 2.27	25.49 -1.82 1.45	27.21 -1.63 1.99
OAK ORCHARD__HYD 24046	19.40 -0.64 0.00	20.30 -0.62 0.00	19.68 -0.56 0.00	19.82 -0.54 0.00	21.54 -0.51 0.00	28.60 -0.71 0.00	56.27 -1.62 0.00	28.17 -0.87 0.84	22.24 -0.67 1.07	20.09 -0.61 0.93	23.05 -0.67 0.42	26.90 -0.91 0.15	27.23 -1.11 0.00	22.81 -1.02 0.10	21.98 -0.87 0.00	20.42 -0.70 0.04	21.20 -0.61 0.47	28.39 -0.83 5.02	38.45 -1.03 6.83	49.96 -1.45 2.88	145.06 -3.77 3.90	35.48 -1.03 1.22	27.10 -0.88 0.78	28.90 -0.86 1.07
OAKDALE__35_KV_LOAD 356122	20.12 0.08 0.00	20.98 0.05 0.00	20.27 0.03 0.00	20.40 0.05 0.00	22.15 0.10 0.00	29.52 0.21 0.00	58.44 0.56 0.00	30.27 0.39 0.00	24.32 0.35 0.00	21.87 0.26 0.00	24.40 0.27 0.00	28.15 0.18 0.00	28.34 0.01 0.00	23.91 -0.01 0.00	22.91 0.07 0.00	21.39 0.23 0.00	22.64 0.35 0.00	34.85 0.60 0.00	47.21 0.90 0.00	55.40 1.11 0.00	155.84 3.12 0.00	38.44 0.72 0.00	29.23 0.47 0.00	31.29 0.46 0.00
OCC_CHEM__DRP 24175	18.52 -1.52 0.00	19.44 -1.49 0.00	18.87 -1.37 0.00	19.03 -1.32 0.00	20.70 -1.35 0.00	27.36 -1.95 0.00	53.13 -4.76 0.00	27.27 -2.61 0.00	22.05 -1.92 0.00	19.99 -1.63 0.00	22.28 -1.86 0.00	25.57 -2.40 0.00	25.71 -2.63 0.00	21.57 -2.35 0.00	20.74 -2.10 0.00	19.35 -1.81 0.00	20.53 -1.75 0.00	31.70 -2.55 0.00	42.80 -3.51 0.00	49.54 -4.75 0.00	139.24 -13.48 0.00	34.45 -3.27 0.00	26.30 -2.46 0.00	28.58 -2.25 0.00

OH_GEN_PROXY 24063	18.72 -1.32 0.00	19.65 -1.27 0.00	19.06 -1.18 0.00	19.20 -1.16 0.00	20.89 -1.16 0.00	27.62 -1.69 0.00	53.93 -3.95 0.00	25.98 -2.18 1.72	20.14 -1.65 2.18	18.32 -1.40 1.90	21.77 -1.51 0.86	25.72 -1.93 0.31	26.19 -2.14 0.00	21.77 -1.96 0.20	21.13 -1.71 0.00	19.44 -1.46 0.27	19.68 -1.47 1.14	21.79 -2.27 10.19	29.42 -3.05 13.85	44.43 -4.00 5.86	133.57 -11.02 8.13	32.44 -2.75 2.54	25.03 -2.11 1.62	26.60 -2.00 2.22
OLIN_CORP_DRP 24177	18.52 -1.51 0.00	19.43 -1.49 0.00	18.88 -1.36 0.00	19.05 -1.31 0.00	20.72 -1.34 0.00	27.39 -1.92 0.00	53.39 -4.50 0.00	27.40 -2.48 0.00	22.11 -1.87 0.00	20.04 -1.58 0.00	22.38 -1.76 0.00	25.70 -2.27 0.00	25.87 -2.47 0.00	21.69 -2.24 0.00	20.87 -1.97 0.00	19.46 -1.70 0.00	20.59 -1.70 0.00	31.59 -2.66 0.00	42.75 -3.56 0.00	49.69 -4.60 0.00	140.01 -12.71 0.00	34.58 -3.14 0.00	26.40 -2.36 0.00	28.69 -2.14 0.00
OLIN_CORP_DSASP 323712	18.52 -1.52 0.00	19.44 -1.48 0.00	18.88 -1.37 0.00	19.01 -1.34 0.00	20.70 -1.35 0.00	27.36 -1.95 0.00	53.12 -4.76 0.00	25.59 -2.60 1.69	19.92 -1.92 2.14	18.12 -1.64 1.86	21.43 -1.86 0.84	25.28 -2.38 0.31	25.71 -2.63 0.00	21.36 -2.37 0.19	20.74 -2.10 0.00	19.26 -1.81 0.09	19.57 -1.78 0.94	21.71 -2.54 10.00	29.27 -3.46 13.59	43.79 -4.75 5.75	131.27 -13.48 7.98	31.98 -3.26 2.49	24.72 -2.45 1.59	26.38 -2.27 2.18
ONEIDA_HERK_LFGE 323681	20.14 0.10 0.00	21.02 0.10 0.00	20.47 0.23 0.00	20.62 0.26 0.00	22.47 0.42 0.00	30.10 0.79 0.00	59.77 1.89 0.00	30.92 1.04 0.00	24.84 0.86 0.00	22.30 0.69 0.00	24.84 0.70 0.00	28.65 0.68 0.00	28.83 0.50 0.00	24.29 0.36 0.00	23.13 0.28 0.00	21.46 0.30 0.00	22.86 0.57 0.00	35.62 1.37 0.00	48.27 1.96 0.00	56.30 2.00 0.00	158.23 5.50 0.00	38.88 1.15 0.00	29.56 0.80 0.00	31.64 0.81 0.00
ONEIDA___115KV_TB4 55905	20.46 0.43 0.00	21.34 0.42 0.00	20.72 0.48 0.00	20.85 0.49 0.00	22.64 0.59 0.00	30.23 0.92 0.00	59.98 2.09 0.00	31.04 1.16 0.00	24.90 0.92 0.00	22.34 0.72 0.00	24.86 0.73 0.00	28.67 0.71 0.00	28.88 0.54 0.00	24.36 0.43 0.00	23.28 0.44 0.00	21.66 0.51 0.00	23.01 0.72 0.00	35.70 1.45 0.00	48.40 2.09 0.00	56.65 2.36 0.00	159.42 6.70 0.00	39.25 1.52 0.00	29.83 1.07 0.00	31.90 1.08 0.00
ONONDAGA_REF_OCCRA 23987	19.85 -0.19 0.00	20.70 -0.23 0.00	20.04 -0.21 0.00	20.18 -0.17 0.00	21.88 -0.17 0.00	29.13 -0.18 0.00	57.62 -0.27 0.00	29.80 -0.08 0.00	23.92 -0.05 0.00	21.53 -0.08 0.00	23.99 -0.15 0.00	27.67 -0.29 0.00	27.92 -0.42 0.00	23.55 -0.37 0.00	22.55 -0.29 0.00	21.00 -0.16 0.00	22.23 -0.06 0.00	34.21 -0.04 0.00	46.32 0.01 0.00	54.38 0.09 0.00	153.31 0.59 0.00	37.81 0.09 0.00	28.73 -0.03 0.00	30.73 -0.10 0.00
ONONDAGA___COGEN 23986	19.81 -0.22 0.00	20.67 -0.25 0.00	20.00 -0.24 0.00	20.16 -0.19 0.00	21.84 -0.21 0.00	29.08 -0.23 0.00	57.47 -0.41 0.00	29.71 -0.16 0.00	23.83 -0.14 0.00	21.46 -0.16 0.00	23.91 -0.23 0.00	27.59 -0.38 0.00	27.84 -0.49 0.00	23.50 -0.42 0.00	22.49 -0.35 0.00	20.94 -0.22 0.00	22.18 -0.11 0.00	34.13 -0.12 0.00	46.17 -0.14 0.00	54.24 -0.05 0.00	153.00 0.28 0.00	37.71 -0.02 0.00	28.66 -0.10 0.00	30.64 -0.18 0.00
ONTARIO___LFGE 23819	19.97 -0.07 0.00	20.85 -0.07 0.00	20.17 -0.07 0.00	20.35 -0.01 0.00	22.15 0.10 0.00	29.50 0.19 0.00	58.56 0.68 0.00	30.34 0.46 0.00	24.39 0.42 0.00	21.88 0.26 0.00	24.32 0.19 0.00	28.02 0.05 0.00	28.09 -0.24 0.00	23.72 -0.20 0.00	22.75 -0.10 0.00	21.22 0.06 0.00	22.54 0.25 0.00	34.78 0.53 0.00	47.28 0.97 0.00	55.39 1.10 0.00	155.79 3.06 0.00	38.32 0.59 0.00	29.07 0.31 0.00	31.11 0.28 0.00
ORANGEVILLE_WT_PWR 323706	18.56 -1.47 0.00	19.57 -1.35 0.00	19.07 -1.17 0.00	19.42 -0.94 0.00	21.25 -0.80 0.00	28.18 -1.13 0.00	55.23 -2.66 0.00	26.56 -1.48 1.83	20.54 -1.10 2.33	18.66 -0.93 2.02	22.22 -1.00 0.92	26.28 -1.35 0.33	26.76 -1.57 0.00	22.23 -1.48 0.21	21.60 -1.24 0.00	20.06 -1.01 0.09	20.29 -0.98 1.02	21.91 -1.47 10.87	29.59 -1.95 14.78	45.29 -2.75 6.25	136.36 -7.67 8.68	33.13 -1.89 2.71	25.53 -1.50 1.73	27.07 -1.38 2.37
ORANGEVILLE___ESR 323794	18.56 -1.47 0.00	19.57 -1.35 0.00	19.07 -1.17 0.00	19.42 -0.94 0.00	21.25 -0.80 0.00	28.18 -1.13 0.00	55.23 -2.66 0.00	26.56 -1.48 1.83	20.54 -1.10 2.33	18.66 -0.93 2.02	22.22 -1.00 0.92	26.28 -1.35 0.33	26.76 -1.57 0.00	22.23 -1.48 0.21	21.60 -1.24 0.00	20.06 -1.01 0.09	20.29 -0.98 1.02	21.91 -1.47 10.87	29.59 -1.95 14.78	45.29 -2.75 6.25	136.36 -7.67 8.68	33.13 -1.89 2.71	25.53 -1.50 1.73	27.07 -1.38 2.37
OSWEGATCHIE___HYD 24044	19.33 -0.71 0.00	20.26 -0.67 0.00	19.64 -0.60 0.00	19.83 -0.53 0.00	21.67 -0.38 0.00	28.92 -0.39 0.00	57.50 -0.39 0.00	29.68 -0.19 0.00	23.84 -0.13 0.00	21.48 -0.14 0.00	23.88 -0.25 0.00	27.64 -0.33 0.00	27.96 -0.37 0.00	23.47 -0.45 0.00	22.25 -0.59 0.00	20.53 -0.63 0.00	21.82 -0.46 0.00	34.28 0.03 0.00	46.51 0.20 0.00	54.03 -0.26 0.00	151.71 -1.01 0.00	37.28 -0.44 0.00	28.51 -0.25 0.00	30.58 -0.25 0.00
OSWEGO___5 23606	19.44 -0.59 0.00	20.28 -0.64 0.00	19.64 -0.60 0.00	19.77 -0.58 0.00	21.41 -0.64 0.00	28.48 -0.83 0.00	56.27 -1.62 0.00	29.08 -0.80 0.00	23.34 -0.64 0.00	21.03 -0.59 0.00	23.43 -0.70 0.00	27.08 -0.89 0.00	27.34 -1.00 0.00	23.07 -0.85 0.00	22.08 -0.77 0.00	20.54 -0.62 0.00	21.71 -0.58 0.00	33.39 -0.87 0.00	45.16 -1.15 0.00	53.04 -1.25 0.00	149.64 -3.08 0.00	36.91 -0.81 0.00	28.08 -0.68 0.00	30.04 -0.79 0.00
OSWEGO___6 23613	19.44 -0.59 0.00	20.28 -0.64 0.00	19.64 -0.60 0.00	19.77 -0.58 0.00	21.41 -0.64 0.00	28.48 -0.83 0.00	56.27 -1.62 0.00	29.08 -0.80 0.00	23.34 -0.64 0.00	21.03 -0.59 0.00	23.43 -0.70 0.00	27.08 -0.89 0.00	27.34 -1.00 0.00	23.07 -0.85 0.00	22.08 -0.77 0.00	20.54 -0.62 0.00	21.71 -0.58 0.00	33.39 -0.87 0.00	45.16 -1.15 0.00	53.04 -1.25 0.00	149.64 -3.08 0.00	36.91 -0.81 0.00	28.08 -0.68 0.00	30.04 -0.79 0.00
OUTOKUMPU-AB___DRP 24206	18.98 -1.06 0.00	19.91 -1.01 0.00	19.35 -0.89 0.00	19.52 -0.83 0.00	21.26 -0.79 0.00	28.15 -1.15 0.00	54.94 -2.94 0.00	28.21 -1.68 0.00	22.79 -1.19 0.00	20.63 -0.98 0.00	23.03 -1.10 0.00	26.44 -1.52 0.00	26.60 -1.74 0.00	22.31 -1.61 0.00	21.46 -1.38 0.00	20.01 -1.14 0.00	21.20 -1.09 0.00	32.68 -1.57 0.00	44.20 -2.11 0.00	51.29 -2.99 0.00	144.34 -8.39 0.00	35.65 -2.07 0.00	27.17 -1.59 0.00	29.45 -1.38 0.00
OXBOW___BTM 323836	18.76 -1.28 0.00	19.69 -1.23 0.00	19.12 -1.12 0.00	19.27 -1.09 0.00	20.99 -1.06 0.00	27.78 -1.53 0.00	54.07 -3.81 0.00	26.07 -2.11 1.70	20.29 -1.53 2.16	18.44 -1.30 1.88	21.82 -1.46 0.85	25.73 -1.93 0.31	26.18 -2.16 0.00	21.75 -1.98 0.19	21.12 -1.72 0.00	19.61 -1.46 0.09	19.91 -1.43 0.95	22.14 -2.01 10.09	29.89 -2.70 13.72	44.67 -3.81 5.80	133.87 -10.80 8.05	32.59 -2.62 2.51	25.16 -1.99 1.61	26.81 -1.81 2.20

OXBOW____ 24026	18.76 -1.28 0.00	19.69 -1.24 0.00	19.12 -1.12 0.00	19.29 -1.07 0.00	20.99 -1.06 0.00	27.78 -1.53 0.00	54.07 -3.81 0.00	27.76 -2.11 0.00	22.45 -1.53 0.00	20.33 -1.28 0.00	22.67 -1.46 0.00	26.03 -1.94 0.00	26.18 -2.16 0.00	21.96 -1.96 0.00	21.12 -1.72 0.00	19.70 -1.46 0.00	20.89 -1.40 0.00	32.23 -2.02 0.00	43.55 -2.76 0.00	50.48 -3.81 0.00	141.91 -10.81 0.00	35.09 -2.64 0.00	26.76 -2.00 0.00	29.04 -1.79 0.00
OXY_CHEM_DSASP 323612	18.52 -1.52 0.00	19.44 -1.49 0.00	18.87 -1.37 0.00	19.03 -1.32 0.00	20.70 -1.35 0.00	27.36 -1.95 0.00	53.13 -4.76 0.00	27.27 -2.61 0.00	22.05 -1.92 0.00	19.99 -1.63 0.00	22.28 -1.86 0.00	25.57 -2.40 0.00	25.71 -2.63 0.00	21.57 -2.35 0.00	20.74 -2.10 0.00	19.35 -1.81 0.00	20.53 -1.75 0.00	31.70 -2.55 0.00	42.80 -3.51 0.00	49.54 -4.75 0.00	139.24 -13.48 0.00	34.45 -3.27 0.00	26.30 -2.46 0.00	28.58 -2.25 0.00
OZONE_PARK_ESR 323760	21.76 1.72 0.00	22.50 1.57 0.00	21.78 1.54 0.00	21.90 1.54 0.00	23.63 1.58 0.00	31.62 2.32 0.00	62.57 4.68 0.00	32.48 2.60 0.00	26.08 2.10 0.00	23.44 1.83 0.00	26.20 2.07 0.00	30.11 2.15 0.00	30.24 1.91 0.00	25.59 1.67 0.00	24.53 1.69 0.00	22.81 1.66 0.00	24.15 1.86 0.00	36.98 2.73 0.00	49.95 3.63 0.00	58.54 4.25 0.00	163.47 10.75 0.00	40.52 2.80 0.00	30.83 2.07 0.00	32.89 2.06 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.52 -1.52 0.00	19.44 -1.49 0.00	18.87 -1.37 0.00	19.03 -1.32 0.00	20.70 -1.35 0.00	27.36 -1.95 0.00	53.13 -4.76 0.00	27.27 -2.61 0.00	22.05 -1.92 0.00	19.99 -1.63 0.00	22.28 -1.86 0.00	25.57 -2.40 0.00	25.71 -2.63 0.00	21.57 -2.35 0.00	20.74 -2.10 0.00	19.35 -1.81 0.00	20.53 -1.75 0.00	31.70 -2.55 0.00	42.80 -3.51 0.00	49.54 -4.75 0.00	139.24 -13.48 0.00	34.45 -3.27 0.00	26.30 -2.46 0.00	28.58 -2.25 0.00
PACKARD__115KV_DUPONT_184 80571	18.52 -1.52 0.00	19.44 -1.49 0.00	18.87 -1.37 0.00	19.03 -1.32 0.00	20.70 -1.35 0.00	27.36 -1.95 0.00	53.13 -4.76 0.00	27.27 -2.61 0.00	22.05 -1.92 0.00	19.99 -1.63 0.00	22.28 -1.86 0.00	25.57 -2.40 0.00	25.71 -2.63 0.00	21.57 -2.35 0.00	20.74 -2.10 0.00	19.35 -1.81 0.00	20.53 -1.75 0.00	31.70 -2.55 0.00	42.80 -3.51 0.00	49.54 -4.75 0.00	139.24 -13.48 0.00	34.45 -3.27 0.00	26.30 -2.46 0.00	28.58 -2.25 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.51 1.47 0.00	22.24 1.32 0.00	21.55 1.31 0.00	21.60 1.24 0.00	23.35 1.30 0.00	31.23 1.92 0.00	61.85 3.96 0.00	32.12 2.24 0.00	25.79 1.82 0.00	23.18 1.56 0.00	25.87 1.73 0.00	29.71 1.74 0.00	29.86 1.53 0.00	25.29 1.37 0.00	24.22 1.38 0.00	22.52 1.36 0.00	23.83 1.54 0.00	36.47 2.22 0.00	49.28 2.97 0.00	57.85 3.56 0.00	161.45 8.73 0.00	40.07 2.35 0.00	30.48 1.72 0.00	32.50 1.68 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.65 1.62 0.00	22.41 1.49 0.00	21.67 1.43 0.00	21.72 1.36 0.00	23.49 1.44 0.00	31.42 2.11 0.00	62.18 4.30 0.00	32.26 2.38 0.00	25.92 1.94 0.00	23.27 1.66 0.00	25.99 1.85 0.00	29.82 1.85 0.00	29.96 1.62 0.00	25.36 1.43 0.00	24.34 1.50 0.00	22.64 1.49 0.00	23.97 1.68 0.00	36.64 2.39 0.00	49.54 3.23 0.00	58.04 3.74 0.00	162.00 9.28 0.00	40.24 2.51 0.00	30.60 1.84 0.00	32.63 1.80 0.00
PATROON__115KV_TB1 80586	20.76 0.73 0.00	21.61 0.69 0.00	20.91 0.67 0.00	21.03 0.68 0.00	22.76 0.71 0.00	30.28 0.97 0.00	59.80 1.91 0.00	30.88 1.00 0.00	24.73 0.76 0.00	22.17 0.55 0.00	24.82 0.68 0.00	28.57 0.61 0.00	28.79 0.46 0.00	24.40 0.48 0.00	23.37 0.53 0.00	21.81 0.65 0.00	23.13 0.84 0.00	35.33 1.08 0.00	47.77 1.46 0.00	55.92 1.63 0.00	157.14 4.41 0.00	38.78 1.06 0.00	29.49 0.73 0.00	31.60 0.77 0.00
PATTRSNVILLE__SOLAR 323815	20.89 0.86 0.00	21.75 0.83 0.00	21.05 0.81 0.00	21.17 0.82 0.00	22.93 0.88 0.00	30.57 1.26 0.00	60.46 2.57 0.00	31.25 1.37 0.00	24.99 1.02 0.00	22.39 0.78 0.00	24.99 0.85 0.00	28.83 0.86 0.00	29.07 0.73 0.00	24.56 0.63 0.00	23.49 0.65 0.00	21.88 0.72 0.00	23.22 0.93 0.00	35.83 1.58 0.00	48.52 2.21 0.00	56.83 2.53 0.00	159.61 6.88 0.00	39.40 1.68 0.00	29.98 1.22 0.00	32.10 1.28 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.45 -0.59 0.00	20.41 -0.51 0.00	19.78 -0.47 0.00	19.96 -0.39 0.00	21.73 -0.32 0.00	28.80 -0.51 0.00	56.45 -1.43 0.00	29.06 -0.81 0.00	23.44 -0.53 0.00	21.19 -0.43 0.00	23.70 -0.44 0.00	27.25 -0.71 0.00	27.45 -0.88 0.00	23.04 -0.89 0.00	22.16 -0.68 0.00	20.67 -0.49 0.00	21.87 -0.42 0.00	33.58 -0.67 0.00	45.47 -0.84 0.00	52.93 -1.36 0.00	148.97 -3.76 0.00	36.78 -0.95 0.00	28.03 -0.73 0.00	30.29 -0.54 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.65 1.62 0.00	22.44 1.51 0.00	21.71 1.46 0.00	21.82 1.46 0.00	23.59 1.54 0.00	31.55 2.24 0.00	62.44 4.55 0.00	32.34 2.46 0.00	25.93 1.96 0.00	23.27 1.65 0.00	26.01 1.88 0.00	29.90 1.94 0.00	30.03 1.70 0.00	25.47 1.55 0.00	24.37 1.53 0.00	22.70 1.54 0.00	24.05 1.76 0.00	36.95 2.70 0.00	49.97 3.66 0.00	58.56 4.27 0.00	163.76 11.04 0.00	40.53 2.81 0.00	30.79 2.03 0.00	32.89 2.07 0.00
PEEKSKILL____ 23653	21.41 1.37 0.00	22.18 1.26 0.00	21.47 1.23 0.00	21.58 1.22 0.00	23.31 1.26 0.00	31.18 1.87 0.00	61.67 3.79 0.00	31.96 2.08 0.00	25.62 1.64 0.00	22.99 1.37 0.00	25.71 1.57 0.00	29.56 1.59 0.00	29.69 1.36 0.00	25.13 1.21 0.00	24.11 1.26 0.00	22.43 1.27 0.00	23.74 1.45 0.00	36.41 2.16 0.00	49.19 2.88 0.00	57.68 3.39 0.00	161.28 8.55 0.00	39.97 2.25 0.00	30.39 1.64 0.00	32.48 1.65 0.00
PGE MADISON__WINDPWR 24146	21.07 1.03 0.00	22.21 1.29 0.00	21.20 0.96 0.00	21.43 1.07 0.00	23.51 1.46 0.00	31.15 1.84 0.00	62.49 4.61 0.00	33.01 2.65 -0.48	26.96 2.38 -0.61	24.10 1.95 -0.53	26.42 2.04 -0.24	30.08 2.03 -0.09	30.00 1.66 0.00	25.14 1.16 -0.06	24.07 1.23 0.00	22.61 1.43 -0.03	24.61 2.04 -0.27	41.01 3.87 -2.88	55.84 5.60 -3.92	62.32 6.36 -1.66	173.13 18.07 -2.33	42.91 4.46 -0.73	32.50 3.27 -0.47	34.94 3.48 -0.64
PIERCEFIELD__HYD 23852	19.44 -0.59 0.00	20.42 -0.50 0.00	19.70 -0.54 0.00	19.74 -0.61 0.00	21.50 -0.56 0.00	28.40 -0.91 0.00	56.27 -1.62 0.00	29.00 -0.87 0.00	23.31 -0.66 0.00	21.12 -0.50 0.00	23.53 -0.61 0.00	27.41 -0.56 0.00	27.94 -0.40 0.00	23.46 -0.46 0.00	22.27 -0.57 0.00	20.45 -0.71 0.00	21.52 -0.77 0.00	33.43 -0.82 0.00	45.31 -1.01 0.00	52.77 -1.52 0.00	148.18 -4.55 0.00	36.60 -1.13 0.00	28.18 -0.58 0.00	30.27 -0.55 0.00
PINELAWN_CC_1 323563	22.01 1.97 0.00	22.79 1.86 0.00	22.00 1.76 0.00	22.10 1.74 0.00	23.85 1.80 0.00	31.93 2.62 0.00	63.13 5.24 0.00	32.79 2.91 0.00	26.36 2.39 0.00	23.59 1.97 0.00	26.39 2.25 0.00	30.25 2.28 0.00	30.30 1.96 0.00	25.64 1.72 0.00	25.12 1.88 -0.39	36.23 1.89 -13.18	52.03 2.15 -27.58	37.31 3.06 0.00	50.12 3.80 0.00	58.94 4.65 0.00	164.29 11.57 0.00	40.95 3.23 0.00	31.21 2.45 0.00	33.63 2.57 -0.23

PJM_GEN_HTP_PROXY 323702	21.53 1.50 0.00	22.28 1.35 0.00	21.58 1.33 0.00	21.69 1.34 0.00	23.41 1.36 0.00	31.33 2.02 0.00	61.95 4.07 0.00	32.16 2.28 0.00	25.81 1.84 0.00	23.21 1.59 0.00	25.92 1.79 0.00	29.79 1.83 0.00	29.93 1.59 0.00	25.32 1.40 0.00	24.45 1.43 -0.18	21.27 1.41 1.29	23.62 1.60 0.27	36.57 2.32 0.00	49.38 3.06 0.00	57.89 3.60 0.00	161.56 8.84 0.00	40.07 2.35 0.00	30.48 1.72 0.00	32.54 1.71 0.00
PJM_GEN_KEystone 24065	20.37 0.33 0.00	21.20 0.27 0.00	20.51 0.27 0.00	20.62 0.27 0.00	22.34 0.29 0.00	29.79 0.48 0.00	58.75 0.87 0.00	28.77 0.47 1.59	22.34 0.38 2.02	20.16 0.29 1.75	23.75 0.41 0.79	27.99 0.31 0.29	28.42 0.09 0.00	23.81 0.07 0.18	23.22 0.19 -0.18	20.05 0.27 1.38	21.49 0.35 1.15	25.31 0.45 9.39	34.18 0.62 12.75	49.55 0.65 5.40	146.57 1.40 7.55	35.82 0.46 2.36	27.57 0.32 1.51	29.13 0.37 2.06
PJM_GEN_NEPTUNE_PROXY 323594	21.71 1.67 0.00	22.49 1.57 0.00	21.73 1.49 0.00	21.83 1.47 0.00	23.57 1.52 0.00	31.55 2.24 0.00	62.31 4.42 0.00	32.34 2.46 0.00	25.99 2.02 0.00	23.30 1.69 0.00	26.09 1.95 0.00	29.94 1.98 0.00	30.02 1.69 0.00	25.41 1.48 0.00	25.03 1.61 -0.58	34.65 1.60 -11.89	51.41 1.81 -27.31	36.80 2.55 0.00	49.50 3.19 0.00	58.13 3.84 0.00	162.01 9.29 0.00	40.39 2.66 0.00	30.78 2.02 0.00	33.07 2.11 -0.14
PJM_GEN_VFT_PROXY 323633	21.42 1.39 0.00	22.15 1.23 0.00	21.46 1.22 0.00	21.57 1.22 0.00	23.28 1.23 0.00	31.15 1.84 0.00	61.61 3.72 0.00	31.98 2.10 0.00	25.65 1.68 0.00	23.07 1.46 0.00	25.78 1.65 0.00	29.62 1.66 0.00	29.76 1.42 0.00	25.18 1.26 0.00	24.32 1.30 -0.18	21.14 1.28 1.29	23.41 1.45 0.34	36.33 2.08 0.00	49.06 2.75 0.00	57.55 3.26 0.00	160.64 7.92 0.00	39.85 2.13 0.00	30.33 1.57 0.00	32.37 1.55 0.00
PLATSBRG_115KV_PMLD1 355749	20.08 0.05 0.00	20.94 0.02 0.00	19.92 -0.32 0.00	19.96 -0.39 0.00	21.72 -0.33 0.00	28.82 -0.49 0.00	57.55 -0.34 0.00	29.66 -0.21 0.00	23.86 -0.11 0.00	21.77 0.15 0.00	24.29 0.15 0.00	28.09 0.12 0.00	28.66 0.32 0.00	24.18 0.26 0.00	23.05 0.21 0.00	21.28 0.12 0.00	22.43 0.14 0.00	34.61 0.36 0.00	46.84 0.53 0.00	54.77 0.48 0.00	152.84 0.12 0.00	37.58 -0.14 0.00	29.16 0.39 0.00	31.50 0.67 0.00
PLEASANTVLY___LBMP 24000	21.31 1.28 0.00	22.10 1.18 0.00	21.38 1.14 0.00	21.49 1.14 0.00	23.23 1.18 0.00	31.05 1.75 0.00	61.37 3.48 0.00	31.77 1.89 0.00	25.48 1.51 0.00	22.87 1.25 0.00	25.57 1.44 0.00	29.40 1.44 0.00	29.55 1.21 0.00	25.02 1.10 0.00	23.99 1.15 0.00	22.34 1.18 0.00	23.64 1.35 0.00	36.24 1.99 0.00	48.98 2.66 0.00	57.41 3.12 0.00	160.61 7.89 0.00	39.77 2.05 0.00	30.24 1.47 0.00	32.34 1.51 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.45 1.42 0.00	22.24 1.31 0.00	21.52 1.28 0.00	21.62 1.27 0.00	23.37 1.32 0.00	31.25 1.94 0.00	61.79 3.91 0.00	32.02 2.14 0.00	25.68 1.70 0.00	23.06 1.44 0.00	25.79 1.65 0.00	29.64 1.67 0.00	29.78 1.44 0.00	25.22 1.29 0.00	24.16 1.32 0.00	22.49 1.33 0.00	23.80 1.51 0.00	36.49 2.24 0.00	49.32 3.00 0.00	57.80 3.51 0.00	161.63 8.91 0.00	40.04 2.32 0.00	30.44 1.68 0.00	32.53 1.71 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.45 1.42 0.00	22.24 1.31 0.00	21.52 1.28 0.00	21.62 1.27 0.00	23.37 1.32 0.00	31.25 1.94 0.00	61.79 3.91 0.00	32.02 2.14 0.00	25.68 1.70 0.00	23.06 1.44 0.00	25.79 1.65 0.00	29.64 1.67 0.00	29.78 1.44 0.00	25.22 1.29 0.00	24.16 1.32 0.00	22.49 1.33 0.00	23.80 1.51 0.00	36.49 2.24 0.00	49.32 3.00 0.00	57.80 3.51 0.00	161.63 8.91 0.00	40.04 2.32 0.00	30.44 1.68 0.00	32.53 1.71 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.48 1.44 0.00	22.27 1.34 0.00	21.54 1.29 0.00	21.65 1.29 0.00	23.41 1.36 0.00	31.32 2.01 0.00	61.93 4.05 0.00	32.07 2.20 0.00	25.71 1.73 0.00	23.05 1.44 0.00	25.75 1.62 0.00	29.60 1.63 0.00	29.72 1.38 0.00	25.15 1.23 0.00	24.15 1.31 0.00	22.51 1.36 0.00	23.87 1.58 0.00	36.68 2.43 0.00	49.59 3.27 0.00	58.09 3.79 0.00	162.53 9.81 0.00	40.21 2.49 0.00	30.55 1.79 0.00	32.66 1.83 0.00
POLETTI____ 23519	21.52 1.49 0.00	22.26 1.34 0.00	21.56 1.32 0.00	21.67 1.31 0.00	23.38 1.33 0.00	31.28 1.97 0.00	61.87 3.98 0.00	32.11 2.24 0.00	25.79 1.81 0.00	23.19 1.57 0.00	25.91 1.77 0.00	29.77 1.81 0.00	29.90 1.57 0.00	25.31 1.38 0.00	24.26 1.41 0.00	22.55 1.40 0.00	23.86 1.57 0.00	36.50 2.25 0.00	49.27 2.96 0.00	57.78 3.49 0.00	161.25 8.53 0.00	39.99 2.27 0.00	30.43 1.67 0.00	32.48 1.65 0.00
POMONA___ESR 323819	21.49 1.45 0.00	22.26 1.34 0.00	21.54 1.30 0.00	21.65 1.29 0.00	23.39 1.34 0.00	31.30 1.99 0.00	61.90 4.01 0.00	32.07 2.20 0.00	25.71 1.74 0.00	23.08 1.47 0.00	25.81 1.68 0.00	29.68 1.71 0.00	29.81 1.47 0.00	25.12 1.20 0.00	24.11 1.27 0.00	22.41 1.26 0.00	23.74 1.45 0.00	36.42 2.17 0.00	49.21 2.90 0.00	57.70 3.41 0.00	161.37 8.64 0.00	40.02 2.30 0.00	30.43 1.67 0.00	32.51 1.69 0.00
PORT_JEFF_3 23555	22.09 2.06 0.00	22.89 1.97 0.00	22.08 1.84 0.00	22.17 1.82 0.00	23.93 1.88 0.00	32.05 2.74 0.00	63.35 5.46 0.00	32.88 3.00 0.00	26.50 2.53 0.00	23.70 2.08 0.00	26.49 2.35 0.00	30.37 2.40 0.00	30.39 2.05 0.00	25.72 1.79 0.00	25.22 1.99 -0.39	36.33 1.99 -13.18	115.26 2.29 -90.69	363.38 3.15 -325.98	172.53 3.81 -122.41	246.07 4.77 -187.01	164.61 11.89 0.00	41.08 3.36 0.00	31.32 2.56 0.00	33.72 2.71 -0.18
PORT_JEFF_4 23616	22.09 2.06 0.00	22.89 1.97 0.00	22.08 1.84 0.00	22.17 1.82 0.00	23.93 1.88 0.00	32.05 2.74 0.00	63.35 5.46 0.00	32.88 3.00 0.00	26.50 2.53 0.00	23.70 2.08 0.00	26.49 2.35 0.00	30.37 2.40 0.00	30.39 2.05 0.00	25.72 1.79 0.00	25.22 1.99 -0.39	36.33 1.99 -13.18	115.26 2.29 -90.69	363.38 3.15 -325.98	172.53 3.81 -122.41	246.07 4.77 -187.01	164.61 11.89 0.00	41.08 3.36 0.00	31.32 2.56 0.00	33.72 2.71 -0.18
PORT_JEFF_IC 23713	22.09 2.05 0.00	22.89 1.97 0.00	22.08 1.84 0.00	22.16 1.81 0.00	23.93 1.88 0.00	32.06 2.75 0.00	63.36 5.47 0.00	32.88 3.00 0.00	26.50 2.53 0.00	23.71 2.09 0.00	26.49 2.36 0.00	30.38 2.41 0.00	30.39 2.06 0.00	25.73 1.81 0.00	25.23 1.99 -0.39	36.34 2.00 -13.18	133.28 2.29 -108.71	456.50 3.17 -419.08	207.53 3.85 -157.37	299.50 4.79 -240.42	164.71 11.99 0.00	41.10 3.37 0.00	31.33 2.57 0.00	33.72 2.71 -0.18
PPL PILGRIM_ST_GT1 24216	22.11 2.08 0.00	22.93 2.00 0.00	22.11 1.87 0.00	22.20 1.85 0.00	23.96 1.91 0.00	32.11 2.80 0.00	63.51 5.62 0.00	32.99 3.11 0.00	26.55 2.57 0.00	23.75 2.13 0.00	26.55 2.41 0.00	30.43 2.47 0.00	30.46 2.12 0.00	25.79 1.86 0.00	25.28 2.04 -0.39	36.37 2.03 -13.18	62.01 2.31 -37.42	88.06 3.00 -50.80	68.89 3.50 -19.08	88.12 4.68 -29.15	165.07 12.34 0.00	41.17 3.44 0.00	31.37 2.61 0.00	33.76 2.75 -0.19

PPL PILGRIM_ST_GT2 24217	22.11 2.08 0.00	22.93 2.00 0.00	22.11 1.87 0.00	22.20 1.85 0.00	23.96 1.91 0.00	32.11 2.80 0.00	63.51 5.62 0.00	32.99 3.11 0.00	26.55 2.57 0.00	23.75 2.13 0.00	26.55 2.41 0.00	30.43 2.47 0.00	30.46 2.12 0.00	25.79 1.86 0.00	25.28 2.04 -0.39	36.37 2.03 -13.18	62.01 2.31 -37.42	88.06 3.00 -50.80	68.89 3.50 -19.08	88.12 4.68 -29.15	165.07 12.34 0.00	41.17 3.44 0.00	31.37 2.61 0.00	33.76 2.75 -0.19
PPL_SHRM_GT3 24213	22.16 2.12 0.00	22.95 2.03 0.00	22.14 1.89 0.00	22.23 1.87 0.00	24.00 1.95 0.00	32.10 2.79 0.00	63.34 5.46 0.00	32.82 2.94 0.00	26.56 2.59 0.00	23.73 2.11 0.00	26.50 2.36 0.00	30.37 2.41 0.00	30.38 2.04 0.00	25.72 1.80 0.00	25.23 1.99 -0.39	36.37 2.02 -13.18	115.98 2.36 -91.34	366.82 3.24 -329.34	173.75 3.76 -123.67	248.09 4.86 -188.93	164.46 11.73 0.00	41.07 3.34 0.00	31.35 2.59 0.00	33.82 2.82 -0.18
PPL_SHRM_GT4 24214	22.16 2.12 0.00	22.95 2.03 0.00	22.14 1.89 0.00	22.23 1.87 0.00	24.00 1.95 0.00	32.10 2.79 0.00	63.34 5.46 0.00	32.82 2.94 0.00	26.56 2.59 0.00	23.73 2.11 0.00	26.50 2.36 0.00	30.37 2.41 0.00	30.38 2.04 0.00	25.72 1.80 0.00	25.23 1.99 -0.39	36.37 2.02 -13.18	115.98 2.36 -91.34	366.82 3.24 -329.34	173.75 3.76 -123.67	248.09 4.86 -188.93	164.46 11.73 0.00	41.07 3.34 0.00	31.35 2.59 0.00	33.82 2.82 -0.18
PROJECT___ORANGE 1 24174	19.69 -0.35 0.00	20.53 -0.40 0.00	19.88 -0.36 0.00	20.02 -0.33 0.00	21.69 -0.35 0.00	28.88 -0.43 0.00	57.09 -0.79 0.00	29.52 -0.36 0.00	23.70 -0.27 0.00	21.35 -0.27 0.00	23.79 -0.34 0.00	27.46 -0.51 0.00	27.70 -0.64 0.00	23.37 -0.55 0.00	22.37 -0.47 0.00	20.83 -0.33 0.00	22.04 -0.24 0.00	33.88 -0.37 0.00	45.85 -0.46 0.00	53.83 -0.46 0.00	151.86 -0.86 0.00	37.45 -0.27 0.00	28.46 -0.30 0.00	30.43 -0.40 0.00
PROJECT___ORANGE 2 24166	19.69 -0.35 0.00	20.53 -0.40 0.00	19.88 -0.36 0.00	20.02 -0.33 0.00	21.69 -0.35 0.00	28.88 -0.43 0.00	57.09 -0.79 0.00	29.52 -0.36 0.00	23.70 -0.27 0.00	21.35 -0.27 0.00	23.79 -0.34 0.00	27.46 -0.51 0.00	27.70 -0.64 0.00	23.37 -0.55 0.00	22.37 -0.47 0.00	20.83 -0.33 0.00	22.04 -0.24 0.00	33.88 -0.37 0.00	45.85 -0.46 0.00	53.83 -0.46 0.00	151.86 -0.86 0.00	37.45 -0.27 0.00	28.46 -0.30 0.00	30.43 -0.40 0.00
PUCKETT___SOLAR 323809	20.35 0.31 0.00	21.33 0.41 0.00	20.51 0.27 0.00	20.68 0.32 0.00	22.52 0.47 0.00	29.87 0.55 0.00	59.34 1.46 0.00	31.41 0.90 -0.63	25.59 0.81 -0.80	22.93 0.61 -0.70	25.02 0.57 -0.32	28.55 0.47 -0.11	28.58 0.24 0.00	24.14 0.14 -0.07	23.07 0.23 0.00	21.59 0.40 -0.04	23.37 0.71 -0.37	39.60 1.39 -3.96	53.76 2.06 -5.38	58.96 2.38 -2.28	162.57 6.64 -3.21	40.33 1.61 -1.00	30.55 1.15 -0.64	32.92 1.22 -0.88
PYRITES___HYD 24023	19.88 -0.15 0.00	20.88 -0.04 0.00	20.14 -0.10 0.00	20.21 -0.15 0.00	22.00 -0.05 0.00	29.12 -0.19 0.00	57.72 -0.17 0.00	29.77 -0.11 0.00	23.92 -0.05 0.00	21.65 0.03 0.00	24.11 -0.03 0.00	28.10 0.13 0.00	28.63 0.30 0.00	24.02 0.10 0.00	22.79 -0.05 0.00	20.93 -0.23 0.00	22.05 -0.27 -0.03	34.27 0.02 0.00	46.47 0.16 0.00	54.16 -0.13 0.00	152.01 -0.72 0.00	37.54 -0.18 0.00	28.84 0.08 0.00	30.97 0.14 0.00
QUAKERRD_115KV_BK1 80622	19.03 -1.01 0.00	19.90 -1.03 0.00	19.28 -0.96 0.00	19.43 -0.92 0.00	21.09 -0.96 0.00	28.02 -1.29 0.00	55.21 -2.68 0.00	28.48 -1.39 0.00	22.88 -1.09 0.00	20.64 -0.98 0.00	23.03 -1.11 0.00	26.56 -1.40 0.00	26.74 -1.60 0.00	22.51 -1.41 0.00	21.58 -1.26 0.00	20.10 -1.06 0.00	21.30 -0.99 0.00	32.80 -1.45 0.00	44.41 -1.90 0.00	51.89 -2.40 0.00	146.28 -6.44 0.00	36.03 -1.70 0.00	27.37 -1.39 0.00	29.39 -1.43 0.00
QUENSBRY_115KV_TB8 356137	20.91 0.88 0.00	21.74 0.81 0.00	21.02 0.77 0.00	21.14 0.78 0.00	22.88 0.83 0.00	30.50 1.19 0.00	60.33 2.44 0.00	31.16 1.28 0.00	24.86 0.89 0.00	22.22 0.60 0.00	24.89 0.76 0.00	28.66 0.70 0.00	28.78 0.45 0.00	24.36 0.44 0.00	23.39 0.55 0.00	21.97 0.81 0.00	23.50 1.21 0.00	35.92 1.66 0.00	48.58 2.27 0.00	56.85 2.56 0.00	159.37 6.65 0.00	39.29 1.57 0.00	29.82 1.06 0.00	32.05 1.23 0.00
RAMAPO___LBMP 323565	21.27 1.24 0.00	22.05 1.13 0.00	21.34 1.10 0.00	21.45 1.09 0.00	23.19 1.14 0.00	31.03 1.72 0.00	61.38 3.49 0.00	31.79 1.91 0.00	25.45 1.48 0.00	22.83 1.21 0.00	25.53 1.39 0.00	29.37 1.40 0.00	29.50 1.17 0.00	25.03 1.11 0.00	24.01 1.17 0.00	22.31 1.16 0.00	23.63 1.34 0.00	36.25 2.00 0.00	49.00 2.69 0.00	57.46 3.17 0.00	160.74 8.02 0.00	39.87 2.14 0.00	30.32 1.56 0.00	32.39 1.56 0.00
RANKINE____ 23646	19.11 -0.93 0.00	20.07 -0.85 0.00	19.49 -0.75 0.00	19.71 -0.65 0.00	21.47 -0.58 0.00	28.45 -0.86 0.00	55.71 -2.18 0.00	28.64 -1.23 0.00	23.08 -0.89 0.00	20.89 -0.72 0.00	23.36 -0.77 0.00	26.86 -1.11 0.00	27.03 -1.31 0.00	22.67 -1.25 0.00	21.82 -1.02 0.00	20.35 -0.81 0.00	21.52 -0.77 0.00	33.07 -1.18 0.00	44.78 -1.54 0.00	52.10 -2.19 0.00	146.69 -6.03 0.00	36.19 -1.53 0.00	27.55 -1.21 0.00	29.80 -1.03 0.00
RAVENSWOOD_GT2_1 24244	21.56 1.52 0.00	22.30 1.37 0.00	21.60 1.35 0.00	21.70 1.35 0.00	23.42 1.37 0.00	31.33 2.02 0.00	61.98 4.10 0.00	32.17 2.29 0.00	25.82 1.85 0.00	23.22 1.60 0.00	25.95 1.81 0.00	29.82 1.85 0.00	29.95 1.62 0.00	25.35 1.42 0.00	24.30 1.45 0.00	22.59 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.41 3.10 0.00	57.94 3.65 0.00	161.72 9.00 0.00	40.12 2.39 0.00	30.52 1.76 0.00	32.58 1.75 0.00
RAVENSWOOD_GT2_2 24245	21.56 1.52 0.00	22.30 1.37 0.00	21.60 1.35 0.00	21.70 1.35 0.00	23.42 1.37 0.00	31.33 2.02 0.00	61.98 4.10 0.00	32.17 2.29 0.00	25.82 1.85 0.00	23.22 1.60 0.00	25.95 1.81 0.00	29.82 1.85 0.00	29.95 1.62 0.00	25.35 1.42 0.00	24.30 1.45 0.00	22.59 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.41 3.10 0.00	57.94 3.65 0.00	161.72 9.00 0.00	40.12 2.39 0.00	30.52 1.76 0.00	32.58 1.75 0.00
RAVENSWOOD_GT2_3 24246	21.57 1.53 0.00	22.31 1.39 0.00	21.61 1.36 0.00	21.71 1.36 0.00	23.43 1.38 0.00	31.36 2.05 0.00	62.02 4.14 0.00	32.19 2.31 0.00	25.84 1.87 0.00	23.23 1.62 0.00	25.96 1.83 0.00	29.84 1.87 0.00	29.96 1.63 0.00	25.36 1.44 0.00	24.31 1.46 0.00	22.61 1.45 0.00	23.92 1.63 0.00	36.62 2.37 0.00	49.45 3.14 0.00	57.99 3.70 0.00	161.87 9.14 0.00	40.15 2.42 0.00	30.54 1.78 0.00	32.60 1.77 0.00
RAVENSWOOD_GT2_4 24247	21.57 1.53 0.00	22.31 1.39 0.00	21.61 1.36 0.00	21.71 1.36 0.00	23.43 1.38 0.00	31.36 2.05 0.00	62.02 4.14 0.00	32.19 2.31 0.00	25.84 1.87 0.00	23.23 1.62 0.00	25.96 1.83 0.00	29.84 1.87 0.00	29.96 1.63 0.00	25.36 1.44 0.00	24.31 1.46 0.00	22.61 1.45 0.00	23.92 1.63 0.00	36.62 2.37 0.00	49.45 3.14 0.00	57.99 3.70 0.00	161.87 9.14 0.00	40.15 2.42 0.00	30.54 1.78 0.00	32.60 1.77 0.00

RAVENSWOOD_GT3_1 24248	21.56 1.52 0.00	22.30 1.38 0.00	21.60 1.35 0.00	21.70 1.35 0.00	23.43 1.38 0.00	31.34 2.03 0.00	62.00 4.12 0.00	32.17 2.29 0.00	25.83 1.85 0.00	23.22 1.60 0.00	25.95 1.81 0.00	29.82 1.86 0.00	29.95 1.62 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.42 3.11 0.00	57.96 3.66 0.00	161.78 9.06 0.00	40.12 2.40 0.00	30.53 1.77 0.00	32.58 1.75 0.00
RAVENSWOOD_GT3_2 24249	21.56 1.52 0.00	22.30 1.38 0.00	21.60 1.35 0.00	21.70 1.35 0.00	23.43 1.38 0.00	31.34 2.03 0.00	62.00 4.12 0.00	32.17 2.29 0.00	25.83 1.85 0.00	23.22 1.60 0.00	25.95 1.81 0.00	29.82 1.86 0.00	29.95 1.62 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.42 3.11 0.00	57.96 3.66 0.00	161.78 9.06 0.00	40.12 2.40 0.00	30.53 1.77 0.00	32.58 1.75 0.00
RAVENSWOOD_GT3_3 24250	21.56 1.52 0.00	22.30 1.38 0.00	21.60 1.35 0.00	21.70 1.35 0.00	23.43 1.38 0.00	31.34 2.03 0.00	62.01 4.12 0.00	32.17 2.29 0.00	25.83 1.85 0.00	23.22 1.61 0.00	25.95 1.81 0.00	29.82 1.86 0.00	29.95 1.62 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.43 3.11 0.00	57.96 3.66 0.00	161.84 9.12 0.00	40.12 2.40 0.00	30.53 1.77 0.00	32.58 1.75 0.00
RAVENSWOOD_GT3_4 24251	21.56 1.52 0.00	22.30 1.38 0.00	21.60 1.35 0.00	21.70 1.35 0.00	23.43 1.38 0.00	31.34 2.03 0.00	62.01 4.12 0.00	32.17 2.29 0.00	25.83 1.85 0.00	23.22 1.61 0.00	25.95 1.81 0.00	29.82 1.86 0.00	29.95 1.62 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.43 3.11 0.00	57.96 3.66 0.00	161.84 9.12 0.00	40.12 2.40 0.00	30.53 1.77 0.00	32.58 1.75 0.00
RAVENSWOOD_GT_1 23729	21.59 1.55 0.00	22.33 1.41 0.00	21.64 1.39 0.00	21.72 1.36 0.00	23.45 1.40 0.00	31.37 2.06 0.00	62.09 4.20 0.00	32.23 2.35 0.00	25.89 1.91 0.00	23.28 1.67 0.00	26.00 1.87 0.00	29.87 1.91 0.00	30.01 1.68 0.00	25.41 1.48 0.00	24.34 1.50 0.00	22.64 1.48 0.00	23.95 1.67 0.00	36.65 2.40 0.00	49.50 3.19 0.00	58.07 3.78 0.00	162.06 9.33 0.00	40.22 2.50 0.00	30.60 1.83 0.00	32.64 1.81 0.00
RAVENSWOOD_GT_10 24258	21.56 1.52 0.00	22.30 1.38 0.00	21.60 1.35 0.00	21.70 1.35 0.00	23.43 1.38 0.00	31.34 2.03 0.00	62.01 4.12 0.00	32.17 2.29 0.00	25.83 1.85 0.00	23.22 1.61 0.00	25.95 1.81 0.00	29.82 1.86 0.00	29.95 1.62 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.43 3.11 0.00	57.96 3.66 0.00	161.84 9.12 0.00	40.12 2.40 0.00	30.53 1.77 0.00	32.58 1.75 0.00
RAVENSWOOD_GT_11 24259	21.56 1.52 0.00	22.30 1.38 0.00	21.60 1.35 0.00	21.70 1.35 0.00	23.43 1.38 0.00	31.34 2.03 0.00	62.01 4.12 0.00	32.17 2.29 0.00	25.83 1.85 0.00	23.22 1.61 0.00	25.95 1.81 0.00	29.82 1.86 0.00	29.95 1.62 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.43 3.11 0.00	57.96 3.66 0.00	161.84 9.12 0.00	40.12 2.40 0.00	30.53 1.77 0.00	32.58 1.75 0.00
RAVENSWOOD_GT_4 24252	21.55 1.52 0.00	22.30 1.37 0.00	21.59 1.35 0.00	21.70 1.35 0.00	23.42 1.37 0.00	31.33 2.02 0.00	61.98 4.10 0.00	32.16 2.28 0.00	25.82 1.85 0.00	23.21 1.60 0.00	25.94 1.81 0.00	29.82 1.85 0.00	29.94 1.61 0.00	25.34 1.42 0.00	24.29 1.45 0.00	22.59 1.43 0.00	23.90 1.61 0.00	36.59 2.35 0.00	49.41 3.10 0.00	57.94 3.64 0.00	161.71 8.99 0.00	40.11 2.38 0.00	30.51 1.75 0.00	32.57 1.75 0.00
RAVENSWOOD_GT_5 24254	21.55 1.52 0.00	22.30 1.37 0.00	21.59 1.35 0.00	21.70 1.35 0.00	23.42 1.37 0.00	31.33 2.02 0.00	61.98 4.10 0.00	32.16 2.28 0.00	25.82 1.85 0.00	23.21 1.60 0.00	25.94 1.81 0.00	29.82 1.85 0.00	29.94 1.61 0.00	25.34 1.42 0.00	24.29 1.45 0.00	22.59 1.43 0.00	23.90 1.61 0.00	36.59 2.35 0.00	49.41 3.10 0.00	57.94 3.64 0.00	161.71 8.99 0.00	40.11 2.38 0.00	30.51 1.75 0.00	32.57 1.75 0.00
RAVENSWOOD_GT_6 24253	21.55 1.52 0.00	22.30 1.37 0.00	21.59 1.35 0.00	21.70 1.35 0.00	23.42 1.37 0.00	31.33 2.02 0.00	61.98 4.10 0.00	32.16 2.28 0.00	25.82 1.85 0.00	23.21 1.60 0.00	25.94 1.81 0.00	29.82 1.85 0.00	29.94 1.61 0.00	25.34 1.42 0.00	24.29 1.45 0.00	22.59 1.43 0.00	23.90 1.61 0.00	36.59 2.35 0.00	49.41 3.10 0.00	57.94 3.64 0.00	161.71 8.99 0.00	40.11 2.38 0.00	30.51 1.75 0.00	32.57 1.75 0.00
RAVENSWOOD_GT_7 24255	21.55 1.52 0.00	22.30 1.37 0.00	21.59 1.35 0.00	21.70 1.35 0.00	23.42 1.37 0.00	31.33 2.02 0.00	61.98 4.10 0.00	32.16 2.28 0.00	25.82 1.85 0.00	23.21 1.60 0.00	25.94 1.81 0.00	29.82 1.85 0.00	29.94 1.61 0.00	25.34 1.42 0.00	24.29 1.45 0.00	22.59 1.43 0.00	23.90 1.61 0.00	36.59 2.35 0.00	49.41 3.10 0.00	57.94 3.64 0.00	161.71 8.99 0.00	40.11 2.38 0.00	30.51 1.75 0.00	32.57 1.75 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.56 1.52 0.00	22.30 1.38 0.00	21.60 1.35 0.00	21.70 1.35 0.00	23.43 1.38 0.00	31.34 2.03 0.00	62.01 4.12 0.00	32.17 2.29 0.00	25.83 1.85 0.00	23.22 1.61 0.00	25.95 1.81 0.00	29.82 1.86 0.00	29.95 1.62 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.43 3.11 0.00	57.96 3.66 0.00	161.84 9.12 0.00	40.12 2.40 0.00	30.53 1.77 0.00	32.58 1.75 0.00
RAVENSWOOD_GT_9 24257	21.56 1.52 0.00	22.30 1.38 0.00	21.60 1.35 0.00	21.70 1.35 0.00	23.43 1.38 0.00	31.34 2.03 0.00	62.01 4.12 0.00	32.17 2.29 0.00	25.83 1.85 0.00	23.22 1.61 0.00	25.95 1.81 0.00	29.82 1.86 0.00	29.95 1.62 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.43 3.11 0.00	57.96 3.66 0.00	161.84 9.12 0.00	40.12 2.40 0.00	30.53 1.77 0.00	32.58 1.75 0.00
RAVENSWOOD___1 23533	21.59 1.55 0.00	22.33 1.41 0.00	21.64 1.39 0.00	21.72 1.37 0.00	23.45 1.40 0.00	31.37 2.06 0.00	62.09 4.20 0.00	32.23 2.35 0.00	25.89 1.91 0.00	23.28 1.67 0.00	26.00 1.87 0.00	29.87 1.90 0.00	30.01 1.68 0.00	25.41 1.48 0.00	24.34 1.50 0.00	22.64 1.48 0.00	23.96 1.67 0.00	36.65 2.40 0.00	49.50 3.19 0.00	58.07 3.77 0.00	162.05 9.33 0.00	40.22 2.49 0.00	30.59 1.83 0.00	32.64 1.81 0.00
RAVENSWOOD___2 23534	21.59 1.55 0.00	22.33 1.41 0.00	21.64 1.39 0.00	21.72 1.37 0.00	23.45 1.40 0.00	31.37 2.06 0.00	62.09 4.20 0.00	32.23 2.35 0.00	25.89 1.91 0.00	23.28 1.67 0.00	26.00 1.87 0.00	29.87 1.90 0.00	30.01 1.68 0.00	25.41 1.48 0.00	24.34 1.50 0.00	22.64 1.48 0.00	23.96 1.67 0.00	36.65 2.40 0.00	49.50 3.19 0.00	58.07 3.77 0.00	162.05 9.33 0.00	40.22 2.49 0.00	30.59 1.83 0.00	32.64 1.81 0.00

RAVENSWOOD___3 23535	21.56 1.52 0.00	22.30 1.37 0.00	21.60 1.35 0.00	21.71 1.35 0.00	23.43 1.38 0.00	31.34 2.03 0.00	62.01 4.12 0.00	32.17 2.29 0.00	25.83 1.86 0.00	23.22 1.60 0.00	25.95 1.81 0.00	29.82 1.86 0.00	29.95 1.62 0.00	25.35 1.43 0.00	24.30 1.46 0.00	22.60 1.44 0.00	23.91 1.62 0.00	36.60 2.35 0.00	49.42 3.11 0.00	57.96 3.67 0.00	161.84 9.12 0.00	40.13 2.40 0.00	30.53 1.76 0.00	32.58 1.75 0.00
RAVENSWOOD___4 23820	21.59 1.55 0.00	22.33 1.41 0.00	21.64 1.39 0.00	21.72 1.37 0.00	23.45 1.40 0.00	31.37 2.06 0.00	62.09 4.20 0.00	32.23 2.35 0.00	25.89 1.91 0.00	23.28 1.67 0.00	26.00 1.87 0.00	29.87 1.90 0.00	30.01 1.68 0.00	25.41 1.48 0.00	24.34 1.50 0.00	22.64 1.48 0.00	23.96 1.67 0.00	36.65 2.40 0.00	49.50 3.19 0.00	58.07 3.77 0.00	162.05 9.33 0.00	40.22 2.49 0.00	30.59 1.83 0.00	32.64 1.81 0.00
RCPL_TRUST___DRP 24196	21.57 1.54 0.00	22.31 1.39 0.00	21.61 1.37 0.00	21.72 1.37 0.00	23.45 1.40 0.00	31.38 2.07 0.00	62.07 4.18 0.00	32.21 2.33 0.00	25.87 1.90 0.00	23.26 1.65 0.00	25.99 1.86 0.00	29.87 1.90 0.00	30.00 1.67 0.00	25.38 1.46 0.00	24.33 1.48 0.00	22.63 1.47 0.00	23.94 1.65 0.00	36.65 2.39 0.00	49.48 3.17 0.00	58.01 3.71 0.00	161.88 9.15 0.00	40.15 2.42 0.00	30.55 1.78 0.00	32.60 1.77 0.00
RED___ROCHESTER 323720	19.51 -0.53 0.00	20.42 -0.50 0.00	19.79 -0.46 0.00	19.93 -0.43 0.00	21.66 -0.39 0.00	28.76 -0.55 0.00	56.62 -1.26 0.00	28.35 -0.68 0.84	22.39 -0.51 1.07	20.22 -0.47 0.93	23.21 -0.50 0.42	27.09 -0.72 0.15	27.42 -0.92 0.00	22.96 -0.86 0.10	22.13 -0.71 0.00	20.56 -0.56 0.04	21.36 -0.46 0.47	28.63 -0.58 5.04	38.79 -0.67 6.85	50.35 -1.05 2.89	146.20 -2.61 3.92	35.74 -0.76 1.22	27.29 -0.69 0.78	29.09 -0.67 1.07
REGAN___SOLAR 323812	22.00 1.96 0.00	22.90 1.98 0.00	22.16 1.92 0.00	22.31 1.96 0.00	24.24 2.19 0.00	32.46 3.15 0.00	64.41 6.53 0.00	33.35 3.47 0.00	26.31 2.33 0.00	23.01 1.40 0.00	25.23 1.09 0.00	29.07 1.10 0.00	29.42 1.09 0.00	24.80 0.88 0.00	23.66 0.82 0.00	21.96 0.80 0.00	23.84 1.55 0.00	38.38 4.13 0.00	52.43 6.12 0.00	61.34 7.04 0.00	172.22 19.49 0.00	42.41 4.69 0.00	32.21 3.45 0.00	34.29 3.47 0.00
RENSSELAER___COGEN 23796	20.68 0.65 0.00	21.53 0.61 0.00	20.83 0.59 0.00	20.95 0.60 0.00	22.67 0.62 0.00	30.15 0.84 0.00	59.53 1.65 0.00	30.73 0.85 0.00	24.62 0.65 0.00	22.07 0.45 0.00	24.70 0.56 0.00	28.42 0.45 0.00	28.65 0.31 0.00	24.28 0.36 0.00	23.25 0.40 0.00	21.70 0.54 0.00	22.99 0.70 0.00	35.13 0.87 0.00	47.50 1.19 0.00	55.60 1.31 0.00	156.35 3.63 0.00	38.57 0.85 0.00	29.34 0.58 0.00	31.45 0.62 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.77 1.73 0.00	22.60 1.67 0.00	21.80 1.56 0.00	21.94 1.59 0.00	23.75 1.70 0.00	31.63 2.32 0.00	62.39 4.51 0.00	32.21 2.34 0.00	25.74 1.77 0.00	23.01 1.39 0.00	25.89 1.75 0.00	29.78 1.82 0.00	29.68 1.35 0.00	25.17 1.25 0.00	24.31 1.47 0.00	23.00 1.84 0.00	24.79 2.50 0.00	37.44 3.19 0.00	50.61 4.30 0.00	59.22 4.93 0.00	165.27 12.55 0.00	40.75 3.02 0.00	30.94 2.18 0.00	33.48 2.65 0.00
REVERE_CPPR_DRP 24186	20.57 0.54 0.00	21.47 0.54 0.00	20.87 0.62 0.00	21.00 0.64 0.00	22.84 0.79 0.00	30.54 1.24 0.00	60.68 2.80 0.00	31.39 1.51 0.00	25.23 1.26 0.00	22.65 1.03 0.00	25.19 1.06 0.00	29.06 1.09 0.00	29.22 0.89 0.00	24.64 0.72 0.00	23.51 0.67 0.00	21.86 0.70 0.00	23.29 1.00 0.00	36.23 1.98 0.00	49.10 2.79 0.00	57.38 3.08 0.00	161.37 8.65 0.00	39.67 1.95 0.00	30.13 1.37 0.00	32.21 1.39 0.00
REYNOLDS_115KV_TB3 80639	20.86 0.82 0.00	21.72 0.79 0.00	21.02 0.77 0.00	21.13 0.78 0.00	22.86 0.81 0.00	30.41 1.10 0.00	60.02 2.13 0.00	30.98 1.10 0.00	24.82 0.85 0.00	22.25 0.63 0.00	24.91 0.78 0.00	28.66 0.70 0.00	28.88 0.55 0.00	24.48 0.56 0.00	23.45 0.60 0.00	21.88 0.72 0.00	23.17 0.88 0.00	35.35 1.10 0.00	47.81 1.50 0.00	55.97 1.67 0.00	157.41 4.69 0.00	38.83 1.11 0.00	29.56 0.80 0.00	31.70 0.87 0.00
RIVERBAY____ 323610	21.65 1.62 0.00	22.41 1.49 0.00	21.67 1.43 0.00	21.72 1.36 0.00	23.49 1.44 0.00	31.42 2.11 0.00	62.18 4.30 0.00	32.26 2.38 0.00	25.92 1.94 0.00	23.27 1.66 0.00	25.99 1.85 0.00	29.82 1.85 0.00	29.96 1.62 0.00	25.36 1.43 0.00	24.34 1.50 0.00	22.64 1.49 0.00	23.97 1.68 0.00	36.64 2.39 0.00	49.54 3.23 0.00	58.04 3.74 0.00	162.00 9.28 0.00	40.24 2.51 0.00	30.60 1.84 0.00	32.63 1.80 0.00
RIVERSDE_115KV_TB3 55908	20.78 0.74 0.00	21.63 0.71 0.00	20.93 0.69 0.00	21.05 0.69 0.00	22.77 0.72 0.00	30.30 0.99 0.00	59.79 1.90 0.00	30.87 0.99 0.00	24.73 0.76 0.00	22.16 0.55 0.00	24.82 0.68 0.00	28.57 0.60 0.00	28.78 0.45 0.00	24.40 0.48 0.00	23.36 0.52 0.00	21.80 0.65 0.00	23.10 0.82 0.00	35.27 1.02 0.00	47.70 1.38 0.00	55.83 1.54 0.00	156.97 4.24 0.00	38.73 1.01 0.00	29.47 0.71 0.00	31.59 0.76 0.00
ROARING___BROOK_WT_PWR 323790	19.39 -0.64 0.00	20.34 -0.58 0.00	19.72 -0.52 0.00	19.85 -0.51 0.00	21.58 -0.47 0.00	29.00 -0.31 0.00	57.32 -0.56 0.00	29.59 -0.28 0.00	23.76 -0.21 0.00	21.49 -0.12 0.00	24.00 -0.13 0.00	27.85 -0.12 0.00	28.28 -0.06 0.00	23.81 -0.12 0.00	22.64 -0.20 0.00	20.90 -0.25 0.00	22.02 -0.27 0.00	33.98 -0.27 0.00	46.00 -0.31 0.00	53.67 -0.62 0.00	150.76 -1.96 0.00	37.05 -0.67 0.00	28.28 -0.48 0.00	30.28 -0.55 0.00
ROCHESRG_115KV_T4 355643	19.31 -0.73 0.00	20.21 -0.72 0.00	19.59 -0.65 0.00	19.74 -0.61 0.00	21.44 -0.61 0.00	28.45 -0.86 0.00	55.96 -1.92 0.00	28.84 -1.04 0.00	23.18 -0.79 0.00	20.91 -0.71 0.00	23.36 -0.77 0.00	26.92 -1.05 0.00	27.10 -1.23 0.00	22.80 -1.12 0.00	21.88 -0.97 0.00	20.37 -0.79 0.00	21.58 -0.71 0.00	33.21 -1.04 0.00	44.98 -1.33 0.00	52.52 -1.77 0.00	148.05 -4.67 0.00	36.48 -1.24 0.00	27.73 -1.03 0.00	29.83 -1.00 0.00
ROCHESTER_9_IC 23652	19.42 -0.62 0.00	20.32 -0.60 0.00	19.70 -0.54 0.00	19.85 -0.51 0.00	21.57 -0.48 0.00	28.63 -0.68 0.00	56.34 -1.55 0.00	29.04 -0.84 0.00	23.33 -0.64 0.00	21.05 -0.57 0.00	23.51 -0.63 0.00	27.10 -0.87 0.00	27.28 -1.06 0.00	22.95 -0.98 0.00	22.01 -0.83 0.00	20.49 -0.67 0.00	21.72 -0.57 0.00	33.46 -0.78 0.00	45.32 -0.99 0.00	52.90 -1.39 0.00	149.19 -3.53 0.00	36.74 -0.98 0.00	27.91 -0.85 0.00	30.01 -0.81 0.00
ROCKVIEW_13_KV_LD 356306	21.55 1.52 0.00	22.32 1.40 0.00	21.60 1.36 0.00	21.70 1.35 0.00	23.45 1.39 0.00	31.36 2.05 0.00	62.02 4.14 0.00	32.15 2.27 0.00	25.79 1.82 0.00	23.17 1.55 0.00	25.91 1.77 0.00	29.79 1.82 0.00	29.91 1.58 0.00	25.32 1.39 0.00	24.27 1.43 0.00	22.59 1.43 0.00	23.91 1.62 0.00	36.64 2.39 0.00	49.50 3.19 0.00	58.02 3.73 0.00	162.19 9.47 0.00	40.20 2.48 0.00	30.57 1.81 0.00	32.66 1.83 0.00

ROME____115KV_TB2 80656	20.57 0.54 0.00	21.47 0.54 0.00	20.87 0.62 0.00	21.00 0.64 0.00	22.84 0.79 0.00	30.54 1.24 0.00	60.68 2.80 0.00	31.39 1.51 0.00	25.23 1.26 0.00	22.65 1.03 0.00	25.19 1.06 0.00	29.06 1.09 0.00	29.22 0.89 0.00	24.64 0.72 0.00	23.51 0.67 0.00	21.86 0.70 0.00	23.29 1.00 0.00	36.23 1.98 0.00	49.10 2.79 0.00	57.38 3.08 0.00	161.37 8.65 0.00	39.67 1.95 0.00	30.13 1.37 0.00	32.21 1.39 0.00
ROSETON____1 23587	21.26 1.22 0.00	22.05 1.12 0.00	21.33 1.09 0.00	21.44 1.09 0.00	23.18 1.13 0.00	30.98 1.67 0.00	61.25 3.37 0.00	31.71 1.84 0.00	25.43 1.45 0.00	22.82 1.20 0.00	25.51 1.38 0.00	29.34 1.38 0.00	29.49 1.16 0.00	24.98 1.05 0.00	23.95 1.10 0.00	22.29 1.13 0.00	23.59 1.30 0.00	36.18 1.93 0.00	48.90 2.59 0.00	57.31 3.02 0.00	160.40 7.67 0.00	39.73 2.00 0.00	30.20 1.44 0.00	32.30 1.48 0.00
ROSETON____2 23588	21.26 1.22 0.00	22.05 1.12 0.00	21.33 1.09 0.00	21.44 1.09 0.00	23.18 1.13 0.00	30.98 1.67 0.00	61.25 3.37 0.00	31.71 1.84 0.00	25.43 1.45 0.00	22.82 1.20 0.00	25.51 1.38 0.00	29.34 1.38 0.00	29.49 1.16 0.00	24.98 1.05 0.00	23.95 1.10 0.00	22.29 1.13 0.00	23.59 1.30 0.00	36.18 1.93 0.00	48.90 2.59 0.00	57.31 3.02 0.00	160.40 7.67 0.00	39.73 2.00 0.00	30.20 1.44 0.00	32.30 1.48 0.00
ROTTRDAM_115KV_TB3 80664	20.81 0.77 0.00	21.66 0.74 0.00	20.96 0.72 0.00	21.08 0.73 0.00	22.82 0.77 0.00	30.41 1.10 0.00	60.10 2.21 0.00	31.05 1.17 0.00	24.85 0.88 0.00	22.29 0.67 0.00	24.90 0.77 0.00	28.73 0.76 0.00	28.96 0.63 0.00	24.50 0.57 0.00	23.45 0.60 0.00	21.85 0.69 0.00	23.16 0.87 0.00	35.58 1.33 0.00	48.12 1.81 0.00	56.37 2.08 0.00	158.38 5.65 0.00	39.09 1.37 0.00	29.73 0.97 0.00	31.86 1.03 0.00
RUSSELL____1 23602	19.51 -0.52 0.00	20.42 -0.51 0.00	19.78 -0.46 0.00	19.94 -0.41 0.00	21.66 -0.39 0.00	28.76 -0.55 0.00	56.62 -1.26 0.00	29.19 -0.69 0.00	23.46 -0.52 0.00	21.16 -0.46 0.00	23.63 -0.50 0.00	27.24 -0.73 0.00	27.42 -0.92 0.00	23.06 -0.86 0.00	22.13 -0.71 0.00	20.60 -0.56 0.00	21.84 -0.45 0.00	33.67 -0.58 0.00	45.61 -0.70 0.00	53.24 -1.05 0.00	150.11 -2.61 0.00	36.95 -0.77 0.00	28.06 -0.70 0.00	30.17 -0.65 0.00
RUSSELL____2 23532	19.51 -0.52 0.00	20.42 -0.51 0.00	19.78 -0.46 0.00	19.94 -0.41 0.00	21.66 -0.39 0.00	28.76 -0.55 0.00	56.62 -1.26 0.00	29.19 -0.69 0.00	23.46 -0.52 0.00	21.16 -0.46 0.00	23.63 -0.50 0.00	27.24 -0.73 0.00	27.42 -0.92 0.00	23.06 -0.86 0.00	22.13 -0.71 0.00	20.60 -0.56 0.00	21.84 -0.45 0.00	33.67 -0.58 0.00	45.61 -0.70 0.00	53.24 -1.05 0.00	150.11 -2.61 0.00	36.95 -0.77 0.00	28.06 -0.70 0.00	30.17 -0.65 0.00
RUSSELL____3 23549	19.51 -0.52 0.00	20.42 -0.51 0.00	19.78 -0.46 0.00	19.94 -0.41 0.00	21.66 -0.39 0.00	28.76 -0.55 0.00	56.62 -1.26 0.00	29.19 -0.69 0.00	23.46 -0.52 0.00	21.16 -0.46 0.00	23.63 -0.50 0.00	27.24 -0.73 0.00	27.42 -0.92 0.00	23.06 -0.86 0.00	22.13 -0.71 0.00	20.60 -0.56 0.00	21.84 -0.45 0.00	33.67 -0.58 0.00	45.61 -0.70 0.00	53.24 -1.05 0.00	150.11 -2.61 0.00	36.95 -0.77 0.00	28.06 -0.70 0.00	30.17 -0.65 0.00
RUSSELL____4 23556	19.51 -0.52 0.00	20.42 -0.51 0.00	19.78 -0.46 0.00	19.94 -0.41 0.00	21.66 -0.39 0.00	28.76 -0.55 0.00	56.62 -1.26 0.00	29.19 -0.69 0.00	23.46 -0.52 0.00	21.16 -0.46 0.00	23.63 -0.50 0.00	27.24 -0.73 0.00	27.42 -0.92 0.00	23.06 -0.86 0.00	22.13 -0.71 0.00	20.60 -0.56 0.00	21.84 -0.45 0.00	33.67 -0.58 0.00	45.61 -0.70 0.00	53.24 -1.05 0.00	150.11 -2.61 0.00	36.95 -0.77 0.00	28.06 -0.70 0.00	30.17 -0.65 0.00
RUSSELL____STATION 23914	19.51 -0.52 0.00	20.42 -0.51 0.00	19.78 -0.46 0.00	19.94 -0.41 0.00	21.66 -0.39 0.00	28.76 -0.55 0.00	56.62 -1.26 0.00	29.19 -0.69 0.00	23.46 -0.52 0.00	21.16 -0.46 0.00	23.63 -0.50 0.00	27.24 -0.73 0.00	27.42 -0.92 0.00	23.06 -0.86 0.00	22.13 -0.71 0.00	20.60 -0.56 0.00	21.84 -0.45 0.00	33.67 -0.58 0.00	45.61 -0.70 0.00	53.24 -1.05 0.00	150.11 -2.61 0.00	36.95 -0.77 0.00	28.06 -0.70 0.00	30.17 -0.65 0.00
S SALMON____HYD 24043	19.39 -0.65 0.00	20.23 -0.70 0.00	19.64 -0.61 0.00	19.86 -0.50 0.00	21.61 -0.44 0.00	28.90 -0.41 0.00	57.27 -0.61 0.00	29.60 -0.28 0.00	23.75 -0.23 0.00	21.32 -0.29 0.00	23.71 -0.43 0.00	27.30 -0.67 0.00	27.48 -0.85 0.00	23.13 -0.80 0.00	22.04 -0.80 0.00	20.47 -0.69 0.00	21.81 -0.48 0.00	34.01 -0.24 0.00	46.15 -0.16 0.00	53.91 -0.38 0.00	151.94 -0.78 0.00	37.40 -0.32 0.00	28.44 -0.32 0.00	30.39 -0.43 0.00
S.PERRY__115KV_TB1 80734	20.09 0.06 0.00	21.09 0.17 0.00	20.33 0.09 0.00	20.52 0.17 0.00	22.46 0.41 0.00	30.01 0.70 0.00	59.76 1.87 0.00	31.03 1.15 0.00	24.84 0.87 0.00	22.05 0.44 0.00	24.41 0.27 0.00	28.17 0.20 0.00	28.31 -0.02 0.00	23.89 -0.04 0.00	22.85 0.01 0.00	21.28 0.12 0.00	22.71 0.42 0.00	35.58 1.33 0.00	48.70 2.39 0.00	56.91 2.62 0.00	160.23 7.51 0.00	39.40 1.68 0.00	29.82 1.06 0.00	31.94 1.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.94 -1.10 0.00	19.88 -1.05 0.00	19.30 -0.94 0.00	19.48 -0.87 0.00	21.21 -0.84 0.00	28.08 -1.23 0.00	54.87 -3.02 0.00	28.20 -1.68 0.00	22.73 -1.25 0.00	20.58 -1.03 0.00	23.02 -1.12 0.00	26.45 -1.51 0.00	26.62 -1.71 0.00	22.33 -1.59 0.00	21.49 -1.36 0.00	20.04 -1.12 0.00	21.19 -1.10 0.00	32.56 -1.69 0.00	44.07 -2.24 0.00	51.24 -3.05 0.00	144.33 -8.40 0.00	35.62 -2.10 0.00	27.13 -1.63 0.00	29.37 -1.46 0.00
SAWYER__23_KV_LOAD 55526	18.94 -1.10 0.00	19.88 -1.05 0.00	19.30 -0.94 0.00	19.48 -0.87 0.00	21.21 -0.84 0.00	28.08 -1.23 0.00	54.87 -3.02 0.00	28.20 -1.68 0.00	22.73 -1.25 0.00	20.58 -1.03 0.00	23.02 -1.12 0.00	26.45 -1.51 0.00	26.62 -1.71 0.00	22.33 -1.59 0.00	21.49 -1.36 0.00	20.04 -1.12 0.00	21.19 -1.10 0.00	32.56 -1.69 0.00	44.07 -2.24 0.00	51.24 -3.05 0.00	144.33 -8.40 0.00	35.62 -2.10 0.00	27.13 -1.63 0.00	29.37 -1.46 0.00
SELKIRK____I 23801	20.82 0.79 0.00	21.69 0.77 0.00	20.99 0.75 0.00	21.11 0.76 0.00	22.85 0.80 0.00	30.41 1.10 0.00	60.04 2.15 0.00	30.95 1.07 0.00	24.73 0.76 0.00	22.11 0.50 0.00	24.72 0.58 0.00	28.50 0.53 0.00	28.76 0.42 0.00	24.33 0.41 0.00	23.30 0.45 0.00	21.75 0.59 0.00	23.14 0.85 0.00	35.47 1.22 0.00	47.95 1.63 0.00	56.12 1.83 0.00	157.73 5.01 0.00	38.93 1.20 0.00	29.62 0.86 0.00	31.75 0.93 0.00
SELKIRK____II 23799	20.73 0.70 0.00	21.58 0.66 0.00	20.88 0.64 0.00	21.00 0.65 0.00	22.72 0.67 0.00	30.25 0.94 0.00	59.73 1.85 0.00	30.85 0.97 0.00	24.71 0.74 0.00	22.15 0.54 0.00	24.78 0.65 0.00	28.54 0.57 0.00	28.77 0.43 0.00	24.36 0.44 0.00	23.33 0.48 0.00	21.75 0.59 0.00	23.05 0.76 0.00	35.27 1.02 0.00	47.69 1.37 0.00	55.86 1.57 0.00	156.96 4.24 0.00	38.74 1.02 0.00	29.48 0.72 0.00	31.59 0.76 0.00

SENECA OSWGO___HYD 24041	19.47 -0.57 0.00	20.30 -0.62 0.00	19.65 -0.59 0.00	19.80 -0.55 0.00	21.46 -0.59 0.00	28.56 -0.75 0.00	56.46 -1.42 0.00	29.20 -0.68 0.00	23.43 -0.54 0.00	21.12 -0.50 0.00	23.52 -0.61 0.00	27.14 -0.82 0.00	27.39 -0.94 0.00	23.11 -0.82 0.00	22.11 -0.73 0.00	20.58 -0.58 0.00	21.78 -0.50 0.00	33.54 -0.71 0.00	45.40 -0.91 0.00	53.32 -0.98 0.00	150.44 -2.29 0.00	37.10 -0.62 0.00	28.19 -0.57 0.00	30.14 -0.69 0.00
SENECA___115KV_TB3 355854	19.14 -0.90 0.00	20.11 -0.82 0.00	19.53 -0.72 0.00	19.74 -0.62 0.00	21.51 -0.54 0.00	28.50 -0.80 0.00	55.82 -2.07 0.00	28.69 -1.18 0.00	23.13 -0.84 0.00	20.93 -0.68 0.00	23.41 -0.72 0.00	26.91 -1.06 0.00	27.08 -1.25 0.00	22.72 -1.21 0.00	21.86 -0.98 0.00	20.39 -0.77 0.00	21.56 -0.73 0.00	33.14 -1.11 0.00	44.86 -1.45 0.00	52.20 -2.09 0.00	147.00 -5.73 0.00	36.27 -1.46 0.00	27.61 -1.15 0.00	29.84 -0.99 0.00
SENECA___ENERGY 23797	19.74 -0.29 0.00	20.61 -0.31 0.00	19.96 -0.28 0.00	20.11 -0.24 0.00	21.84 -0.21 0.00	29.10 -0.21 0.00	57.63 -0.25 0.00	29.84 -0.04 0.00	23.95 -0.02 0.00	21.52 -0.10 0.00	23.93 -0.20 0.00	27.60 -0.37 0.00	27.73 -0.60 0.00	23.40 -0.52 0.00	22.42 -0.42 0.00	20.89 -0.27 0.00	22.21 -0.08 0.00	34.23 -0.01 0.00	46.45 0.14 0.00	54.53 0.24 0.00	153.48 0.75 0.00	37.75 0.03 0.00	28.66 -0.10 0.00	30.66 -0.17 0.00
SHOEMAKER___GT 23640	21.08 1.04 0.00	21.88 0.96 0.00	21.17 0.93 0.00	21.28 0.92 0.00	23.02 0.97 0.00	30.76 1.45 0.00	60.83 2.95 0.00	31.49 1.61 0.00	25.20 1.22 0.00	22.59 0.98 0.00	25.24 1.11 0.00	29.05 1.08 0.00	29.21 0.88 0.00	24.79 0.87 0.00	23.75 0.90 0.00	22.10 0.94 0.00	23.40 1.11 0.00	36.00 1.75 0.00	48.69 2.38 0.00	57.07 2.78 0.00	159.86 7.13 0.00	39.57 1.85 0.00	30.10 1.34 0.00	32.18 1.36 0.00
SHOEMAKR_138KV_BK 111 55601	21.08 1.05 0.00	21.88 0.96 0.00	21.17 0.93 0.00	21.28 0.92 0.00	23.02 0.97 0.00	30.76 1.45 0.00	60.84 2.95 0.00	31.49 1.61 0.00	25.21 1.23 0.00	22.61 0.99 0.00	25.26 1.13 0.00	29.08 1.11 0.00	29.24 0.90 0.00	24.81 0.89 0.00	23.77 0.92 0.00	22.11 0.95 0.00	23.41 1.12 0.00	36.00 1.75 0.00	48.68 2.36 0.00	57.06 2.77 0.00	159.79 7.06 0.00	39.57 1.84 0.00	30.10 1.33 0.00	32.18 1.35 0.00
SHOREHAM_IC_1 23715	22.16 2.12 0.00	22.95 2.03 0.00	22.14 1.89 0.00	22.23 1.87 0.00	24.00 1.95 0.00	32.10 2.79 0.00	63.34 5.46 0.00	32.82 2.94 0.00	26.56 2.59 0.00	23.73 2.11 0.00	26.50 2.36 0.00	30.37 2.41 0.00	30.38 2.04 0.00	25.72 1.80 0.00	25.23 1.99 -0.39	36.37 2.02 -13.18	115.98 2.36 -91.34	366.82 3.24 -329.34	173.75 3.76 -123.67	248.09 4.86 -188.93	164.46 11.73 0.00	41.07 3.34 0.00	31.35 2.59 0.00	33.82 2.82 -0.18
SHOREHAM_IC_2 23716	22.16 2.12 0.00	22.95 2.03 0.00	22.14 1.89 0.00	22.23 1.87 0.00	24.00 1.95 0.00	32.10 2.79 0.00	63.34 5.46 0.00	32.82 2.94 0.00	26.56 2.59 0.00	23.73 2.11 0.00	26.50 2.36 0.00	30.37 2.41 0.00	30.38 2.04 0.00	25.72 1.80 0.00	25.23 1.99 -0.39	36.37 2.02 -13.18	115.98 2.36 -91.34	366.82 3.24 -329.34	173.75 3.76 -123.67	248.09 4.86 -188.93	164.46 11.73 0.00	41.07 3.34 0.00	31.35 2.59 0.00	33.82 2.82 -0.18
SISSONVILLE___ 23735	19.44 -0.59 0.00	20.42 -0.50 0.00	19.70 -0.54 0.00	19.74 -0.61 0.00	21.50 -0.56 0.00	28.40 -0.91 0.00	56.27 -1.62 0.00	29.00 -0.87 0.00	23.31 -0.66 0.00	21.12 -0.50 0.00	23.53 -0.61 0.00	27.41 -0.56 0.00	27.94 -0.40 0.00	23.46 -0.46 0.00	22.27 -0.57 0.00	20.45 -0.71 0.00	21.52 -0.77 0.00	33.43 -0.82 0.00	45.31 -1.01 0.00	52.77 -1.52 0.00	148.18 -4.55 0.00	36.60 -1.13 0.00	28.18 -0.58 0.00	30.27 -0.55 0.00
SITHE_IND_GS1 24169	19.28 -0.75 0.00	20.11 -0.81 0.00	19.47 -0.77 0.00	19.60 -0.76 0.00	21.22 -0.83 0.00	28.21 -1.10 0.00	55.72 -2.17 0.00	28.79 -1.09 0.00	23.12 -0.86 0.00	20.84 -0.78 0.00	23.21 -0.92 0.00	26.81 -1.16 0.00	27.09 -1.25 0.00	22.85 -1.07 0.00	21.87 -0.97 0.00	20.35 -0.80 0.00	21.51 -0.78 0.00	33.05 -1.20 0.00	44.70 -1.61 0.00	52.55 -1.74 0.00	148.42 -4.30 0.00	36.62 -1.11 0.00	27.86 -0.90 0.00	29.79 -1.04 0.00
SITHE_IND_GS2 24170	19.28 -0.75 0.00	20.11 -0.81 0.00	19.47 -0.77 0.00	19.60 -0.76 0.00	21.22 -0.83 0.00	28.21 -1.10 0.00	55.72 -2.17 0.00	28.79 -1.09 0.00	23.12 -0.86 0.00	20.84 -0.78 0.00	23.21 -0.92 0.00	26.81 -1.16 0.00	27.09 -1.25 0.00	22.85 -1.07 0.00	21.87 -0.97 0.00	20.35 -0.80 0.00	21.51 -0.78 0.00	33.05 -1.20 0.00	44.70 -1.61 0.00	52.55 -1.74 0.00	148.42 -4.30 0.00	36.62 -1.11 0.00	27.86 -0.90 0.00	29.79 -1.04 0.00
SITHE_IND_GS3 24171	19.28 -0.75 0.00	20.11 -0.81 0.00	19.47 -0.77 0.00	19.60 -0.76 0.00	21.22 -0.83 0.00	28.21 -1.10 0.00	55.72 -2.17 0.00	28.79 -1.09 0.00	23.12 -0.86 0.00	20.84 -0.78 0.00	23.21 -0.92 0.00	26.81 -1.16 0.00	27.09 -1.25 0.00	22.85 -1.07 0.00	21.87 -0.97 0.00	20.35 -0.80 0.00	21.51 -0.78 0.00	33.05 -1.20 0.00	44.70 -1.61 0.00	52.55 -1.74 0.00	148.42 -4.30 0.00	36.62 -1.11 0.00	27.86 -0.90 0.00	29.79 -1.04 0.00
SITHE_IND_GS4 24172	19.28 -0.75 0.00	20.11 -0.81 0.00	19.47 -0.77 0.00	19.60 -0.76 0.00	21.22 -0.83 0.00	28.21 -1.10 0.00	55.72 -2.17 0.00	28.79 -1.09 0.00	23.12 -0.86 0.00	20.84 -0.78 0.00	23.21 -0.92 0.00	26.81 -1.16 0.00	27.09 -1.25 0.00	22.85 -1.07 0.00	21.87 -0.97 0.00	20.35 -0.80 0.00	21.51 -0.78 0.00	33.05 -1.20 0.00	44.70 -1.61 0.00	52.55 -1.74 0.00	148.42 -4.30 0.00	36.62 -1.11 0.00	27.86 -0.90 0.00	29.79 -1.04 0.00
SITHE___BATAVIA 24024	19.46 -0.57 0.00	20.42 -0.51 0.00	19.81 -0.43 0.00	19.97 -0.38 0.00	21.75 -0.31 0.00	28.87 -0.44 0.00	56.65 -1.24 0.00	27.86 -0.70 1.32	21.77 -0.52 1.68	19.62 -0.54 1.46	22.80 -0.67 0.66	26.73 -1.00 0.24	27.24 -1.10 0.00	22.67 -1.10 0.15	21.91 -0.93 0.00	20.32 -0.77 0.07	20.96 -0.59 0.74	25.79 -0.60 7.86	34.99 -0.64 10.69	48.60 -1.18 4.52	143.34 -3.16 6.22	34.91 -0.87 1.94	26.78 -0.74 1.24	28.55 -0.58 1.70
SITHE___INDEPEND 23800	19.28 -0.75 0.00	20.11 -0.81 0.00	19.47 -0.77 0.00	19.60 -0.75 0.00	21.22 -0.83 0.00	28.21 -1.10 0.00	55.72 -2.17 0.00	28.79 -1.09 0.00	23.11 -0.86 0.00	20.84 -0.78 0.00	23.22 -0.92 0.00	26.81 -1.16 0.00	27.08 -1.25 0.00	22.86 -1.07 0.00	21.87 -0.97 0.00	20.35 -0.80 0.00	21.51 -0.78 0.00	33.05 -1.20 0.00	44.70 -1.61 0.00	52.55 -1.74 0.00	148.42 -4.31 0.00	36.61 -1.11 0.00	27.86 -0.90 0.00	29.79 -1.04 0.00
SITHE___MASSENA 23902	19.80 -0.24 0.00	20.78 -0.14 0.00	20.07 -0.17 0.00	20.14 -0.21 0.00	21.88 -0.17 0.00	28.94 -0.37 0.00	57.15 -0.73 0.00	29.43 -0.45 0.00	23.65 -0.33 0.00	21.44 -0.18 0.00	23.92 -0.21 0.00	27.91 -0.06 0.00	28.49 0.16 0.00	23.95 0.03 0.00	22.78 -0.06 0.00	20.93 -0.22 0.00	21.94 -0.35 0.00	33.84 -0.41 0.00	45.80 -0.51 0.00	53.48 -0.81 0.00	150.29 -2.43 0.00	37.19 -0.54 0.00	28.52 -0.24 0.00	30.65 -0.18 0.00

SITHE___OGDNSBRG 24021	19.96 -0.08 0.00	20.97 0.04 0.00	20.22 -0.02 0.00	20.30 -0.05 0.00	22.08 0.03 0.00	29.23 -0.08 0.00	57.85 -0.04 0.00	29.81 -0.07 0.00	23.95 -0.03 0.00	21.68 0.06 0.00	24.13 -0.01 0.00	28.13 0.17 0.00	28.70 0.36 0.00	24.08 0.16 0.00	22.86 0.02 0.00	20.99 -0.17 0.00	22.06 -0.23 0.00	34.31 0.06 0.00	46.52 0.21 0.00	54.23 -0.07 0.00	152.27 -0.46 0.00	37.64 -0.09 0.00	28.88 0.12 0.00	31.01 0.18 0.00
SITHE___STERLING 23777	20.46 0.43 0.00	21.34 0.42 0.00	20.73 0.48 0.00	20.84 0.49 0.00	22.64 0.59 0.00	30.23 0.92 0.00	59.98 2.09 0.00	31.04 1.16 0.00	24.90 0.92 0.00	22.34 0.72 0.00	24.86 0.73 0.00	28.67 0.71 0.00	28.88 0.54 0.00	24.36 0.43 0.00	23.28 0.44 0.00	21.66 0.51 0.00	23.01 0.72 0.00	35.70 1.45 0.00	48.40 2.09 0.00	56.65 2.35 0.00	159.42 6.69 0.00	39.25 1.53 0.00	29.83 1.07 0.00	31.89 1.07 0.00
SLEIGHT__34_KV_TB1 80719	19.52 -0.51 0.00	20.39 -0.53 0.00	19.77 -0.48 0.00	19.92 -0.43 0.00	21.61 -0.44 0.00	28.77 -0.54 0.00	56.82 -1.06 0.00	29.35 -0.54 0.00	23.55 -0.43 0.00	21.21 -0.41 0.00	23.67 -0.47 0.00	27.30 -0.67 0.00	27.47 -0.87 0.00	23.14 -0.79 0.00	22.18 -0.66 0.00	20.66 -0.50 0.00	21.93 -0.36 0.00	33.83 -0.43 0.00	45.75 -0.56 0.00	53.50 -0.79 0.00	150.86 -1.86 0.00	37.11 -0.62 0.00	28.16 -0.60 0.00	30.20 -0.63 0.00
SOUTH CAIRO___GT 23612	21.60 1.57 0.00	22.51 1.59 0.00	21.77 1.53 0.00	21.91 1.55 0.00	23.73 1.68 0.00	31.58 2.27 0.00	62.54 4.65 0.00	32.29 2.42 0.00	25.71 1.74 0.00	22.77 1.15 0.00	25.35 1.21 0.00	29.17 1.21 0.00	29.42 1.08 0.00	24.81 0.88 0.00	23.84 0.99 0.00	22.37 1.21 0.00	24.02 1.73 0.00	37.21 2.96 0.00	50.56 4.25 0.00	59.04 4.75 0.00	166.05 13.32 0.00	40.80 3.08 0.00	30.95 2.19 0.00	33.13 2.31 0.00
SOUTH HAMPTN___IC 23720	22.29 2.26 0.00	23.07 2.14 0.00	22.24 2.00 0.00	22.34 1.99 0.00	24.14 2.09 0.00	32.35 3.04 0.00	63.90 6.01 0.00	33.11 3.23 0.00	26.72 2.75 0.00	23.87 2.25 0.00	26.66 2.52 0.00	30.58 2.61 0.00	30.55 2.22 0.00	25.89 1.97 0.00	25.41 2.18 -0.39	36.55 2.21 -13.18	109.80 2.57 -84.94	334.02 3.48 -296.28	161.90 4.33 -111.26	229.65 5.38 -169.97	165.86 13.13 0.00	41.40 3.67 0.00	31.57 2.81 0.00	34.04 3.03 -0.18
SOUTHDOW__115KV_TB1 355954	19.87 -0.17 0.00	20.89 -0.04 0.00	20.41 0.17 0.00	20.66 0.31 0.00	22.54 0.48 0.00	30.06 0.75 0.00	59.27 1.38 0.00	30.58 0.70 0.00	24.63 0.65 0.00	22.23 0.61 0.00	24.92 0.78 0.00	28.69 0.72 0.00	28.78 0.44 0.00	24.10 0.17 0.00	23.14 0.30 0.00	21.57 0.41 0.00	22.80 0.51 0.00	35.10 0.85 0.00	47.60 1.29 0.00	55.60 1.31 0.00	156.45 3.72 0.00	38.56 0.84 0.00	29.35 0.59 0.00	31.60 0.78 0.00
SOUTHOLD_69_KV_BK 2 55809	22.47 2.44 0.00	23.20 2.27 0.00	22.36 2.12 0.00	22.46 2.11 0.00	24.30 2.25 0.00	32.66 3.35 0.00	64.53 6.65 0.00	33.43 3.55 0.00	26.91 2.93 0.00	24.05 2.43 0.00	26.85 2.71 0.00	30.81 2.84 0.00	30.78 2.44 0.00	26.12 2.19 0.00	25.65 2.42 -0.39	36.82 2.47 -13.18	110.20 2.86 -85.05	334.51 3.42 -296.84	162.93 5.14 -111.47	230.74 6.15 -170.29	167.80 15.08 0.00	41.79 4.06 0.00	31.86 3.10 0.00	34.33 3.32 -0.18
SOUTHOLD___IC 23719	22.47 2.44 0.00	23.20 2.27 0.00	22.36 2.12 0.00	22.46 2.11 0.00	24.30 2.25 0.00	32.66 3.35 0.00	64.53 6.65 0.00	33.43 3.55 0.00	26.91 2.93 0.00	24.05 2.43 0.00	26.84 2.71 0.00	30.81 2.84 0.00	30.78 2.44 0.00	26.11 2.19 0.00	25.65 2.42 -0.39	36.81 2.47 -13.18	110.20 2.86 -85.05	334.51 3.42 -296.84	162.92 5.14 -111.47	230.73 6.14 -170.29	167.78 15.06 0.00	41.78 4.06 0.00	31.86 3.09 0.00	34.32 3.32 -0.18
SOUTH_FORK_WT_PWR 323839	22.39 2.36 0.00	23.09 2.16 0.00	22.25 2.00 0.00	22.34 1.99 0.00	24.19 2.14 0.00	32.56 3.25 0.00	64.31 6.42 0.00	33.31 3.43 0.00	26.77 2.80 0.00	23.95 2.34 0.00	26.75 2.62 0.00	30.73 2.77 0.00	30.69 2.36 0.00	26.08 2.15 0.00	25.63 2.40 -0.39	36.81 2.47 -13.18	110.17 2.89 -84.99	334.47 3.68 -296.54	162.76 5.08 -111.36	230.44 6.02 -170.12	167.23 14.50 0.00	41.62 3.89 0.00	31.72 2.96 0.00	34.20 3.20 -0.18
SPIERFLS_115KV_TB 1 80737	20.74 0.71 0.00	21.56 0.64 0.00	20.86 0.61 0.00	20.98 0.63 0.00	22.70 0.65 0.00	30.27 0.96 0.00	59.88 2.00 0.00	30.94 1.06 0.00	24.70 0.72 0.00	22.07 0.45 0.00	24.70 0.57 0.00	28.46 0.49 0.00	28.60 0.26 0.00	24.21 0.28 0.00	23.22 0.38 0.00	21.79 0.63 0.00	23.28 0.99 0.00	35.62 1.37 0.00	48.17 1.86 0.00	56.37 2.08 0.00	158.15 5.42 0.00	38.99 1.26 0.00	29.60 0.83 0.00	31.78 0.95 0.00
ST LAWRENCE____ 23600	19.62 -0.42 0.00	20.59 -0.33 0.00	19.89 -0.35 0.00	19.97 -0.39 0.00	21.67 -0.38 0.00	28.68 -0.63 0.00	56.59 -1.29 0.00	29.14 -0.74 0.00	23.41 -0.56 0.00	21.24 -0.38 0.00	23.71 -0.43 0.00	27.66 -0.30 0.00	28.25 -0.09 0.00	23.77 -0.15 0.00	22.61 -0.23 0.00	20.77 -0.38 0.00	21.75 -0.53 0.00	33.49 -0.76 0.00	45.31 -1.00 0.00	52.96 -1.33 0.00	148.83 -3.89 0.00	36.82 -0.90 0.00	28.23 -0.53 0.00	30.34 -0.49 0.00
STATE_CA_115KV_115_LB 55624	20.77 0.73 0.00	21.61 0.69 0.00	20.92 0.67 0.00	21.03 0.68 0.00	22.76 0.71 0.00	30.28 0.97 0.00	59.80 1.92 0.00	30.88 1.00 0.00	24.73 0.76 0.00	22.17 0.55 0.00	24.82 0.68 0.00	28.58 0.61 0.00	28.79 0.46 0.00	24.40 0.48 0.00	23.37 0.53 0.00	21.81 0.65 0.00	23.13 0.84 0.00	35.34 1.09 0.00	47.77 1.46 0.00	55.92 1.63 0.00	157.15 4.43 0.00	38.78 1.06 0.00	29.50 0.73 0.00	31.60 0.77 0.00
STATE_ST_34_KV_LOAD 55959	20.01 -0.02 0.00	20.88 -0.04 0.00	20.24 0.00 0.00	20.40 0.04 0.00	22.03 -0.02 0.00	29.42 0.11 0.00	58.27 0.39 0.00	30.15 0.27 0.00	24.11 0.13 0.00	21.65 0.03 0.00	24.12 -0.02 0.00	27.80 -0.16 0.00	28.03 -0.31 0.00	23.65 -0.28 0.00	22.66 -0.19 0.00	21.09 -0.07 0.00	22.44 0.15 0.00	34.65 0.40 0.00	46.77 0.45 0.00	55.05 0.76 0.00	155.35 2.62 0.00	38.14 0.42 0.00	28.92 0.16 0.00	30.93 0.11 0.00
STATION 5_MISC_HYD 23604	19.42 -0.61 0.00	20.33 -0.59 0.00	19.70 -0.54 0.00	19.84 -0.51 0.00	21.57 -0.48 0.00	28.63 -0.68 0.00	56.34 -1.55 0.00	28.20 -0.84 0.84	22.26 -0.64 1.07	20.11 -0.57 0.93	23.08 -0.63 0.42	26.95 -0.86 0.15	27.28 -1.06 0.00	22.85 -0.98 0.10	22.01 -0.83 0.00	20.45 -0.66 0.04	21.24 -0.57 0.47	28.42 -0.79 5.04	38.50 -0.96 6.85	50.02 -1.38 2.89	145.28 -3.53 3.92	35.52 -0.98 1.22	27.13 -0.84 0.78	28.93 -0.82 1.07
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.76 -0.27 0.00	20.65 -0.27 0.00	20.01 -0.23 0.00	20.18 -0.18 0.00	21.92 -0.13 0.00	29.17 -0.14 0.00	57.63 -0.25 0.00	29.74 -0.14 0.00	23.89 -0.09 0.00	21.47 -0.15 0.00	23.92 -0.21 0.00	27.57 -0.40 0.00	27.67 -0.67 0.00	23.33 -0.59 0.00	22.39 -0.46 0.00	20.85 -0.31 0.00	22.16 -0.13 0.00	34.20 -0.05 0.00	46.42 0.11 0.00	54.27 -0.03 0.00	152.83 0.11 0.00	37.61 -0.11 0.00	28.55 -0.21 0.00	30.61 -0.21 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	19.34 -0.69 0.00	20.23 -0.69 0.00	19.61 -0.63 0.00	19.77 -0.59 0.00	21.47 -0.58 0.00	28.51 -0.80 0.00	56.15 -1.74 0.00	28.96 -0.92 0.00	23.27 -0.71 0.00	20.98 -0.63 0.00	23.44 -0.70 0.00	27.02 -0.95 0.00	27.19 -1.14 0.00	22.88 -1.04 0.00	21.95 -0.89 0.00	20.43 -0.73 0.00	21.66 -0.63 0.00	33.37 -0.88 0.00	45.21 -1.11 0.00	52.78 -1.51 0.00	148.79 -3.93 0.00	36.64 -1.09 0.00	27.83 -0.93 0.00	29.90 -0.93 0.00
STA_56___34_KV_BUS2 355983	19.34 -0.69 0.00	20.23 -0.69 0.00	19.61 -0.63 0.00	19.77 -0.59 0.00	21.47 -0.58 0.00	28.51 -0.80 0.00	56.15 -1.74 0.00	28.96 -0.92 0.00	23.27 -0.71 0.00	20.98 -0.63 0.00	23.44 -0.70 0.00	27.02 -0.95 0.00	27.19 -1.14 0.00	22.88 -1.04 0.00	21.95 -0.89 0.00	20.43 -0.73 0.00	21.66 -0.63 0.00	33.37 -0.88 0.00	45.21 -1.11 0.00	52.78 -1.51 0.00	148.79 -3.93 0.00	36.64 -1.09 0.00	27.83 -0.93 0.00	29.90 -0.93 0.00
STA_67___115KV_BK2 355882	19.38 -0.66 0.00	20.28 -0.64 0.00	19.66 -0.58 0.00	19.81 -0.55 0.00	21.52 -0.53 0.00	28.56 -0.75 0.00	56.21 -1.68 0.00	28.97 -0.91 0.00	23.28 -0.69 0.00	21.00 -0.62 0.00	23.45 -0.68 0.00	27.02 -0.94 0.00	27.21 -1.13 0.00	22.89 -1.04 0.00	21.96 -0.88 0.00	20.45 -0.71 0.00	21.66 -0.63 0.00	33.36 -0.89 0.00	45.20 -1.12 0.00	52.75 -1.54 0.00	148.79 -3.93 0.00	36.64 -1.08 0.00	27.84 -0.92 0.00	29.95 -0.88 0.00
STA_7___115KV_9TRANS 80674	19.51 -0.52 0.00	20.42 -0.51 0.00	19.78 -0.46 0.00	19.94 -0.41 0.00	21.66 -0.39 0.00	28.76 -0.55 0.00	56.62 -1.26 0.00	29.19 -0.69 0.00	23.46 -0.52 0.00	21.16 -0.46 0.00	23.63 -0.50 0.00	27.24 -0.73 0.00	27.42 -0.92 0.00	23.06 -0.86 0.00	22.13 -0.71 0.00	20.60 -0.56 0.00	21.84 -0.45 0.00	33.67 -0.58 0.00	45.61 -0.70 0.00	53.24 -1.05 0.00	150.11 -2.61 0.00	36.95 -0.77 0.00	28.06 -0.70 0.00	30.17 -0.65 0.00
STA_82___115KV_TB1 80780	19.39 -0.64 0.00	20.29 -0.63 0.00	19.67 -0.57 0.00	19.82 -0.53 0.00	21.53 -0.52 0.00	28.58 -0.73 0.00	56.24 -1.65 0.00	28.99 -0.89 0.00	23.29 -0.68 0.00	21.01 -0.61 0.00	23.46 -0.67 0.00	27.04 -0.92 0.00	27.22 -1.11 0.00	22.90 -1.02 0.00	21.97 -0.87 0.00	20.45 -0.71 0.00	21.68 -0.61 0.00	33.40 -0.85 0.00	45.23 -1.08 0.00	52.80 -1.50 0.00	148.89 -3.83 0.00	36.67 -1.05 0.00	27.86 -0.90 0.00	29.96 -0.86 0.00
STEEL___WIND 323596	19.11 -0.92 0.00	20.08 -0.84 0.00	19.50 -0.75 0.00	19.70 -0.66 0.00	21.49 -0.56 0.00	28.48 -0.83 0.00	55.80 -2.08 0.00	26.75 -1.19 1.93	20.66 -0.86 2.45	18.77 -0.72 2.13	22.41 -0.76 0.96	26.54 -1.08 0.35	27.06 -1.28 0.00	22.46 -1.24 0.22	21.83 -1.02 0.00	20.26 -0.80 0.10	20.44 -0.77 1.07	21.66 -1.13 11.46	29.30 -1.44 15.57	45.57 -2.13 6.59	137.65 -5.91 9.16	33.37 -1.49 2.86	25.75 -1.18 1.83	27.28 -1.04 2.51
STEPHTWN_115KV_BK_2 55603	20.98 0.95 0.00	21.83 0.90 0.00	21.09 0.85 0.00	21.24 0.89 0.00	22.97 0.92 0.00	30.58 1.27 0.00	60.52 2.64 0.00	31.25 1.37 0.00	24.98 1.00 0.00	22.37 0.75 0.00	24.99 0.86 0.00	28.75 0.78 0.00	29.01 0.67 0.00	24.53 0.61 0.00	23.49 0.65 0.00	21.99 0.83 0.00	23.36 1.07 0.00	35.78 1.53 0.00	48.28 1.96 0.00	56.60 2.31 0.00	159.12 6.40 0.00	39.24 1.51 0.00	29.78 1.02 0.00	31.91 1.08 0.00
STEUBEN_REC_LFGE 323667	19.47 -0.57 0.00	20.67 -0.25 0.00	19.78 -0.46 0.00	20.04 -0.32 0.00	22.22 0.17 0.00	29.59 0.28 0.00	59.54 1.66 0.00	31.04 1.16 0.00	25.09 1.11 0.00	22.43 0.82 0.00	24.92 0.78 0.00	28.75 0.78 0.00	28.82 0.48 0.00	24.27 0.34 0.00	23.25 0.41 0.00	21.70 0.54 0.00	23.05 0.76 0.00	35.80 1.55 0.00	48.75 2.44 0.00	57.08 2.79 0.00	160.51 7.79 0.00	39.51 1.79 0.00	29.94 1.17 0.00	32.06 1.23 0.00
STILLWATER___SOLAR 323814	21.07 1.03 0.00	21.92 1.00 0.00	21.21 0.97 0.00	21.34 0.98 0.00	23.09 1.04 0.00	30.76 1.45 0.00	60.83 2.94 0.00	31.40 1.52 0.00	25.05 1.08 0.00	22.39 0.78 0.00	25.04 0.91 0.00	28.85 0.88 0.00	29.05 0.72 0.00	24.58 0.66 0.00	23.56 0.72 0.00	22.06 0.91 0.00	23.50 1.21 0.00	36.04 1.79 0.00	48.76 2.45 0.00	57.03 2.74 0.00	160.31 7.58 0.00	39.51 1.78 0.00	30.01 1.25 0.00	32.19 1.37 0.00
STONY___BROOK 24151	22.06 2.02 0.00	22.85 1.93 0.00	22.04 1.80 0.00	22.13 1.78 0.00	23.90 1.85 0.00	32.03 2.72 0.00	63.29 5.41 0.00	32.86 2.98 0.00	26.47 2.50 0.00	23.68 2.07 0.00	26.47 2.34 0.00	30.35 2.39 0.00	30.37 2.04 0.00	25.71 1.79 0.00	25.20 1.97 -0.39	36.32 1.98 -13.18	149.95 2.26 -125.40	542.76 3.18 -505.33	239.93 3.86 -189.76	348.94 4.75 -289.90	164.60 11.88 0.00	41.06 3.34 -0.01	31.30 2.54 0.00	33.68 2.67 -0.18
STURGEON_POOL_HYD 23609	21.37 1.33 0.00	22.13 1.21 0.00	21.41 1.17 0.00	21.52 1.16 0.00	23.26 1.21 0.00	31.14 1.83 0.00	61.59 3.71 0.00	31.92 2.04 0.00	25.62 1.64 0.00	23.01 1.40 0.00	25.72 1.58 0.00	29.54 1.58 0.00	29.64 1.31 0.00	25.11 1.18 0.00	24.09 1.25 0.00	22.41 1.25 0.00	23.69 1.40 0.00	36.39 2.14 0.00	49.18 2.87 0.00	57.70 3.41 0.00	161.35 8.63 0.00	39.99 2.27 0.00	30.40 1.64 0.00	32.47 1.64 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.21 1.18 0.00	22.00 1.07 0.00	21.28 1.04 0.00	21.39 1.03 0.00	23.13 1.08 0.00	30.94 1.63 0.00	61.19 3.31 0.00	31.69 1.81 0.00	25.37 1.40 0.00	22.76 1.14 0.00	25.44 1.31 0.00	29.27 1.30 0.00	29.41 1.08 0.00	25.00 1.07 0.00	23.94 1.10 0.00	22.26 1.10 0.00	23.57 1.28 0.00	36.20 1.95 0.00	48.94 2.62 0.00	57.37 3.08 0.00	160.57 7.84 0.00	39.79 2.06 0.00	30.25 1.49 0.00	32.33 1.50 0.00
SWANROAD_115KV_TB1 355699	18.53 -1.51 0.00	19.44 -1.48 0.00	18.89 -1.35 0.00	19.06 -1.30 0.00	20.73 -1.32 0.00	27.40 -1.91 0.00	53.42 -4.47 0.00	27.42 -2.46 0.00	22.12 -1.85 0.00	20.05 -1.57 0.00	22.38 -1.75 0.00	25.70 -2.27 0.00	25.87 -2.46 0.00	21.68 -2.24 0.00	20.87 -1.97 0.00	19.46 -1.70 0.00	20.60 -1.69 0.00	31.62 -2.64 0.00	42.77 -3.55 0.00	49.74 -4.56 0.00	140.14 -12.58 0.00	34.61 -3.12 0.00	26.43 -2.33 0.00	28.73 -2.10 0.00
SYNERGY___BIOGAS 323694	19.46 -0.57 0.00	20.42 -0.51 0.00	19.81 -0.43 0.00	19.97 -0.38 0.00	21.75 -0.31 0.00	28.87 -0.44 0.00	56.65 -1.24 0.00	27.86 -0.70 1.32	21.77 -0.52 1.68	19.62 -0.54 1.46	22.80 -0.67 0.66	26.73 -1.00 0.24	27.24 -1.10 0.00	22.67 -1.10 0.15	21.91 -0.93 0.00	20.32 -0.77 0.07	20.96 -0.59 0.74	25.79 -0.60 7.86	34.99 -0.64 10.69	48.60 -1.18 4.52	143.34 -3.16 6.22	34.91 -0.87 1.94	26.78 -0.74 1.24	28.55 -0.58 1.70
SYRACUSE___ENERGY_ST1 323597	19.81 -0.22 0.00	20.67 -0.25 0.00	20.00 -0.24 0.00	20.16 -0.19 0.00	21.84 -0.21 0.00	29.08 -0.23 0.00	57.47 -0.41 0.00	29.71 -0.16 0.00	23.83 -0.14 0.00	21.46 -0.16 0.00	23.91 -0.23 0.00	27.59 -0.38 0.00	27.84 -0.49 0.00	23.50 -0.42 0.00	22.49 -0.35 0.00	20.94 -0.22 0.00	22.18 -0.11 0.00	34.13 -0.12 0.00	46.17 -0.14 0.00	54.24 -0.05 0.00	153.00 0.28 0.00	37.71 -0.02 0.00	28.66 -0.10 0.00	30.64 -0.18 0.00

SYRACUSE___ENERGY_ST2 323598	19.81 -0.22 0.00	20.67 -0.25 0.00	20.00 -0.24 0.00	20.16 -0.19 0.00	21.84 -0.21 0.00	29.08 -0.23 0.00	57.47 -0.41 0.00	29.71 -0.16 0.00	23.83 -0.14 0.00	21.46 -0.16 0.00	23.91 -0.23 0.00	27.59 -0.38 0.00	27.84 -0.49 0.00	23.50 -0.42 0.00	22.49 -0.35 0.00	20.94 -0.22 0.00	22.18 -0.11 0.00	34.13 -0.12 0.00	46.17 -0.14 0.00	54.24 -0.05 0.00	153.00 0.28 0.00	37.71 -0.02 0.00	28.66 -0.10 0.00	30.64 -0.18 0.00
SYRACUSE___POWER 24017	19.82 -0.21 0.00	20.66 -0.26 0.00	20.01 -0.23 0.00	20.15 -0.20 0.00	21.84 -0.21 0.00	29.08 -0.23 0.00	57.52 -0.37 0.00	29.75 -0.13 0.00	23.87 -0.10 0.00	21.50 -0.12 0.00	23.95 -0.19 0.00	27.62 -0.34 0.00	27.87 -0.47 0.00	23.52 -0.41 0.00	22.52 -0.32 0.00	20.97 -0.19 0.00	22.19 -0.09 0.00	34.15 -0.10 0.00	46.23 -0.09 0.00	54.27 -0.02 0.00	153.08 0.36 0.00	37.74 0.02 0.00	28.68 -0.08 0.00	30.67 -0.15 0.00
TALLMAN__138KV_BK151 55660	21.38 1.35 0.00	22.16 1.24 0.00	21.44 1.20 0.00	21.54 1.19 0.00	23.29 1.24 0.00	31.17 1.86 0.00	61.66 3.78 0.00	31.94 2.07 0.00	25.59 1.61 0.00	22.96 1.35 0.00	25.68 1.55 0.00	29.54 1.57 0.00	29.66 1.32 0.00	25.12 1.20 0.00	24.10 1.25 0.00	22.39 1.23 0.00	23.70 1.42 0.00	36.38 2.12 0.00	49.15 2.84 0.00	57.64 3.34 0.00	161.21 8.49 0.00	39.98 2.26 0.00	30.41 1.65 0.00	32.48 1.66 0.00
TEALLAVE_115KV_TB7 355573	19.67 -0.37 0.00	20.51 -0.41 0.00	19.87 -0.37 0.00	20.01 -0.34 0.00	21.69 -0.36 0.00	28.86 -0.44 0.00	57.06 -0.83 0.00	29.50 -0.38 0.00	23.68 -0.29 0.00	21.33 -0.29 0.00	23.77 -0.36 0.00	27.44 -0.53 0.00	27.67 -0.66 0.00	23.35 -0.57 0.00	22.36 -0.49 0.00	20.81 -0.35 0.00	22.03 -0.26 0.00	33.86 -0.39 0.00	45.81 -0.50 0.00	53.78 -0.51 0.00	151.77 -0.95 0.00	37.42 -0.30 0.00	28.44 -0.32 0.00	30.42 -0.41 0.00
TELGRAPH_34_KV_EAST 80808	19.09 -0.95 0.00	20.03 -0.89 0.00	19.45 -0.79 0.00	19.63 -0.72 0.00	21.36 -0.69 0.00	28.30 -1.01 0.00	55.38 -2.50 0.00	28.48 -1.39 0.00	22.95 -1.03 0.00	20.73 -0.89 0.00	23.12 -1.02 0.00	26.55 -1.42 0.00	26.79 -1.55 0.00	22.43 -1.50 0.00	21.55 -1.30 0.00	20.08 -1.08 0.00	21.31 -0.98 0.00	32.86 -1.39 0.00	44.49 -1.83 0.00	51.75 -2.54 0.00	145.81 -6.92 0.00	35.95 -1.77 0.00	27.38 -1.39 0.00	29.65 -1.18 0.00
TEMPLE___115KV_TB 2 55572	19.69 -0.35 0.00	20.53 -0.40 0.00	19.88 -0.36 0.00	20.02 -0.33 0.00	21.69 -0.35 0.00	28.88 -0.43 0.00	57.09 -0.79 0.00	29.52 -0.36 0.00	23.70 -0.27 0.00	21.35 -0.27 0.00	23.79 -0.34 0.00	27.46 -0.51 0.00	27.70 -0.64 0.00	23.37 -0.55 0.00	22.37 -0.47 0.00	20.83 -0.33 0.00	22.04 -0.24 0.00	33.88 -0.37 0.00	45.85 -0.46 0.00	53.83 -0.46 0.00	151.86 -0.86 0.00	37.45 -0.27 0.00	28.46 -0.30 0.00	30.43 -0.40 0.00
TIANA____69_KV_BK 1 55817	22.26 2.23 0.00	23.04 2.12 0.00	22.22 1.98 0.00	22.32 1.96 0.00	24.11 2.06 0.00	32.29 2.98 0.00	63.77 5.89 0.00	33.06 3.18 0.00	26.68 2.71 0.00	23.83 2.22 0.00	26.61 2.48 0.00	30.52 2.55 0.00	30.50 2.17 0.00	25.84 1.92 0.00	25.36 2.13 -0.39	36.49 2.15 -13.18	109.82 2.50 -85.03	334.41 3.42 -296.74	161.93 4.19 -111.43	229.78 5.26 -170.23	165.68 12.95 0.00	41.34 3.61 0.00	31.53 2.77 0.00	33.99 2.98 -0.18
TILDEN___115KV_TB1 80814	19.82 -0.21 0.00	20.66 -0.26 0.00	20.01 -0.23 0.00	20.15 -0.20 0.00	21.84 -0.21 0.00	29.08 -0.23 0.00	57.52 -0.37 0.00	29.75 -0.13 0.00	23.87 -0.10 0.00	21.50 -0.12 0.00	23.95 -0.19 0.00	27.62 -0.34 0.00	27.87 -0.47 0.00	23.52 -0.41 0.00	22.52 -0.32 0.00	20.97 -0.19 0.00	22.19 -0.09 0.00	34.15 -0.10 0.00	46.23 -0.09 0.00	54.27 -0.02 0.00	153.08 0.36 0.00	37.74 0.02 0.00	28.68 -0.08 0.00	30.67 -0.15 0.00
TRIGEN___CC 323695	21.80 1.76 0.00	22.58 1.65 0.00	21.81 1.57 0.00	21.91 1.55 0.00	23.66 1.61 0.00	31.66 2.35 0.00	62.56 4.67 0.00	32.46 2.59 0.00	26.08 2.10 0.00	23.40 1.78 0.00	26.22 2.09 0.00	30.10 2.13 0.00	30.18 1.84 0.00	25.54 1.61 0.00	24.95 1.72 -0.39	36.05 1.71 -13.18	51.78 1.91 -27.58	36.98 2.73 0.00	49.78 3.46 0.00	58.41 4.12 0.00	162.77 10.05 0.00	40.58 2.86 0.00	30.91 2.15 0.00	33.56 2.25 -0.49
TRINITY__115KV__ 4 BK 55933	20.71 0.68 0.00	21.56 0.64 0.00	20.86 0.62 0.00	20.98 0.63 0.00	22.70 0.65 0.00	30.19 0.88 0.00	59.61 1.72 0.00	30.77 0.89 0.00	24.65 0.68 0.00	22.10 0.48 0.00	24.74 0.60 0.00	28.47 0.50 0.00	28.69 0.35 0.00	24.32 0.39 0.00	23.29 0.45 0.00	21.74 0.58 0.00	23.04 0.75 0.00	35.17 0.92 0.00	47.55 1.24 0.00	55.66 1.37 0.00	156.51 3.79 0.00	38.62 0.89 0.00	29.38 0.62 0.00	31.49 0.66 0.00
UNION___PROCESSING_DRP 323587	19.40 -0.64 0.00	20.30 -0.62 0.00	19.68 -0.56 0.00	19.83 -0.53 0.00	21.54 -0.51 0.00	28.60 -0.71 0.00	56.27 -1.62 0.00	29.00 -0.87 0.00	23.31 -0.67 0.00	21.02 -0.60 0.00	23.47 -0.67 0.00	27.04 -0.92 0.00	27.22 -1.11 0.00	22.91 -1.02 0.00	21.98 -0.86 0.00	20.46 -0.70 0.00	21.69 -0.60 0.00	33.40 -0.85 0.00	45.26 -1.06 0.00	52.83 -1.46 0.00	148.96 -3.77 0.00	36.69 -1.04 0.00	27.87 -0.89 0.00	29.98 -0.84 0.00
UPPER HUDSON___HYD 24058	20.74 0.71 0.00	21.56 0.64 0.00	20.85 0.61 0.00	20.98 0.63 0.00	22.70 0.65 0.00	30.27 0.96 0.00	59.88 2.00 0.00	30.94 1.06 0.00	24.70 0.72 0.00	22.07 0.45 0.00	24.70 0.57 0.00	28.46 0.49 0.00	28.60 0.26 0.00	24.21 0.28 0.00	23.22 0.38 0.00	21.79 0.63 0.00	23.28 0.99 0.00	35.62 1.37 0.00	48.17 1.86 0.00	56.37 2.08 0.00	158.13 5.41 0.00	38.99 1.26 0.00	29.60 0.83 0.00	31.78 0.95 0.00
UPPER RAQUET___HYD 24056	19.44 -0.59 0.00	20.42 -0.50 0.00	19.70 -0.54 0.00	19.74 -0.61 0.00	21.50 -0.56 0.00	28.40 -0.91 0.00	56.27 -1.62 0.00	29.00 -0.87 0.00	23.31 -0.66 0.00	21.12 -0.50 0.00	23.53 -0.61 0.00	27.41 -0.56 0.00	27.94 -0.40 0.00	23.46 -0.46 0.00	22.27 -0.57 0.00	20.45 -0.70 0.00	21.52 -0.76 0.00	33.43 -0.82 0.00	45.30 -1.01 0.00	52.77 -1.52 0.00	148.19 -4.54 0.00	36.60 -1.13 0.00	28.19 -0.57 0.00	30.28 -0.54 0.00
VALLEY44_115KV_TB2 355964	19.89 -0.14 0.00	20.84 -0.08 0.00	20.15 -0.09 0.00	20.31 -0.04 0.00	22.04 -0.01 0.00	29.21 -0.10 0.00	57.45 -0.44 0.00	29.64 -0.24 0.00	23.90 -0.08 0.00	21.58 -0.04 0.00	24.26 0.12 0.00	28.01 0.04 0.00	28.22 -0.12 0.00	23.66 -0.26 0.00	22.72 -0.12 0.00	21.16 0.01 0.00	22.35 0.06 0.00	34.11 -0.14 0.00	46.15 -0.16 0.00	53.87 -0.42 0.00	151.68 -1.05 0.00	37.55 -0.17 0.00	28.73 -0.03 0.00	31.03 0.20 0.00
VALLEY___115KV_TB 1-4 80826	20.20 0.17 0.00	21.06 0.13 0.00	20.33 0.09 0.00	20.46 0.10 0.00	22.12 0.07 0.00	29.62 0.31 0.00	58.60 0.72 0.00	30.42 0.54 0.00	24.45 0.47 0.00	21.86 0.25 0.00	24.42 0.29 0.00	28.15 0.18 0.00	28.24 -0.10 0.00	23.82 -0.10 0.00	22.72 -0.12 0.00	21.23 0.07 0.00	22.54 0.25 0.00	34.84 0.59 0.00	47.19 0.87 0.00	55.46 1.16 0.00	156.43 3.70 0.00	38.62 0.90 0.00	29.39 0.63 0.00	31.49 0.66 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.15 1.12 0.00	22.05 1.13 0.00	21.29 1.04 0.00	21.43 1.07 0.00	23.24 1.19 0.00	30.99 1.68 0.00	61.44 3.56 0.00	31.82 1.94 0.00	25.60 1.63 0.00	23.04 1.42 0.00	25.70 1.56 0.00	29.61 1.65 0.00	29.78 1.45 0.00	25.10 1.17 0.00	24.02 1.17 0.00	22.35 1.19 0.00	23.69 1.40 0.00	36.48 2.23 0.00	49.37 3.06 0.00	57.91 3.62 0.00	162.68 9.96 0.00	40.18 2.45 0.00	30.56 1.80 0.00	32.68 1.86 0.00
VISCHER___FERRY HYD 24020	20.99 0.96 0.00	21.86 0.94 0.00	21.16 0.92 0.00	21.29 0.93 0.00	23.02 0.97 0.00	30.64 1.33 0.00	60.47 2.59 0.00	31.21 1.33 0.00	24.98 1.00 0.00	22.36 0.74 0.00	25.04 0.91 0.00	28.83 0.87 0.00	29.04 0.71 0.00	24.60 0.67 0.00	23.55 0.71 0.00	22.01 0.85 0.00	23.33 1.04 0.00	35.69 1.44 0.00	48.28 1.97 0.00	56.51 2.22 0.00	158.95 6.23 0.00	39.19 1.47 0.00	29.79 1.03 0.00	31.98 1.16 0.00
V_A_10_SYNC_DSASP 323832	18.93 -1.11 0.00	19.84 -1.08 0.00	19.24 -1.00 0.00	19.38 -0.97 0.00	21.08 -0.97 0.00	27.90 -1.41 0.00	54.63 -3.26 0.00	26.75 -1.78 1.34	20.91 -1.36 1.71	18.96 -1.18 1.48	22.21 -1.26 0.67	26.11 -1.61 0.24	26.52 -1.81 0.00	22.11 -1.66 0.15	21.40 -1.44 0.00	19.87 -1.22 0.07	20.32 -1.22 0.75	24.40 -1.88 7.98	32.99 -2.48 10.84	46.43 -3.27 4.59	137.45 -8.93 6.34	33.51 -2.23 1.98	25.76 -1.73 1.27	27.44 -1.65 1.73
V_CMM_10_SYNC_DSASP 323787	19.72 -0.32 0.00	20.70 -0.22 0.00	19.99 -0.25 0.00	20.07 -0.29 0.00	21.78 -0.27 0.00	28.82 -0.49 0.00	56.89 -1.00 0.00	29.29 -0.59 0.00	23.53 -0.44 0.00	21.35 -0.27 0.00	23.83 -0.31 0.00	27.80 -0.17 0.00	28.39 0.06 0.00	23.88 -0.04 0.00	22.72 -0.12 0.00	20.87 -0.29 0.00	21.86 -0.43 0.00	33.67 -0.58 0.00	45.55 -0.77 0.00	53.23 -1.07 0.00	149.59 -3.13 0.00	37.01 -0.71 0.00	28.38 -0.38 0.00	30.49 -0.34 0.00
V_CMP_10_SYNC_DSASP 323788	20.08 0.05 0.00	20.94 0.02 0.00	19.92 -0.32 0.00	19.96 -0.39 0.00	21.71 -0.34 0.00	28.82 -0.49 0.00	57.55 -0.34 0.00	29.66 -0.21 0.00	23.86 -0.11 0.00	21.77 0.16 0.00	24.29 0.15 0.00	28.09 0.12 0.00	28.66 0.33 0.00	24.19 0.26 0.00	23.05 0.21 0.00	21.28 0.12 0.00	22.43 0.14 0.00	34.61 0.36 0.00	46.84 0.53 0.00	54.78 0.49 0.00	152.85 0.12 0.00	37.58 -0.15 0.00	29.16 0.40 0.00	31.50 0.68 0.00
V_D_10_SYNC_DSASP 323841	19.80 -0.23 0.00	20.79 -0.13 0.00	20.08 -0.17 0.00	20.15 -0.21 0.00	21.88 -0.17 0.00	28.94 -0.37 0.00	57.16 -0.73 0.00	29.44 -0.44 0.00	23.65 -0.32 0.00	21.45 -0.17 0.00	23.93 -0.21 0.00	27.91 -0.05 0.00	28.49 0.16 0.00	23.96 0.03 0.00	22.79 -0.05 0.00	20.94 -0.22 0.00	21.95 -0.34 0.00	33.85 -0.40 0.00	45.80 -0.51 0.00	53.48 -0.81 0.00	150.30 -2.42 0.00	37.19 -0.53 0.00	28.52 -0.23 0.00	30.65 -0.18 0.00
V_E_10_SYNC_DSASP 323830	21.07 1.03 0.00	22.21 1.29 0.00	21.20 0.96 0.00	21.43 1.07 0.00	23.51 1.46 0.00	31.15 1.84 0.00	62.49 4.61 0.00	33.01 2.65 -0.48	26.96 2.38 -0.61	24.10 1.95 -0.53	26.42 2.04 -0.24	30.08 2.03 -0.09	30.00 1.66 0.00	25.14 1.16 -0.06	24.07 1.23 0.00	22.61 1.43 -0.03	24.61 2.04 -0.27	41.01 3.87 -2.88	55.84 5.60 -3.92	62.32 6.36 -1.66	173.13 18.07 -2.33	42.91 4.46 -0.73	32.50 3.27 -0.47	34.94 3.48 -0.64
V_F_30_NSYNC___DSASP 323816	21.08 1.05 0.00	21.94 1.02 0.00	21.23 0.99 0.00	21.36 1.00 0.00	23.11 1.06 0.00	30.79 1.48 0.00	60.90 3.01 0.00	31.44 1.56 0.00	25.09 1.12 0.00	22.44 0.83 0.00	25.10 0.97 0.00	28.93 0.96 0.00	29.14 0.80 0.00	24.65 0.73 0.00	23.62 0.77 0.00	22.10 0.95 0.00	23.54 1.25 0.00	36.10 1.85 0.00	48.83 2.52 0.00	57.12 2.83 0.00	160.48 7.75 0.00	39.55 1.83 0.00	30.04 1.28 0.00	32.23 1.41 0.00
V_F_30_SYNC_DSASP 323786	20.76 0.73 0.00	21.61 0.69 0.00	20.91 0.67 0.00	21.03 0.68 0.00	22.76 0.71 0.00	30.28 0.97 0.00	59.80 1.91 0.00	30.88 1.00 0.00	24.73 0.76 0.00	22.17 0.55 0.00	24.82 0.68 0.00	28.57 0.61 0.00	28.79 0.46 0.00	24.40 0.48 0.00	23.37 0.53 0.00	21.81 0.65 0.00	23.13 0.84 0.00	35.33 1.08 0.00	47.77 1.46 0.00	55.92 1.63 0.00	157.14 4.41 0.00	38.78 1.06 0.00	29.49 0.73 0.00	31.60 0.77 0.00
V_XM_10_SYNC_DSASP 323789	20.08 0.05 0.00	20.94 0.02 0.00	19.92 -0.32 0.00	19.96 -0.39 0.00	21.71 -0.34 0.00	28.82 -0.49 0.00	57.55 -0.34 0.00	29.66 -0.21 0.00	23.86 -0.11 0.00	21.77 0.16 0.00	24.29 0.15 0.00	28.09 0.12 0.00	28.66 0.33 0.00	24.19 0.26 0.00	23.05 0.21 0.00	21.28 0.12 0.00	22.43 0.14 0.00	34.61 0.36 0.00	46.84 0.53 0.00	54.78 0.49 0.00	152.85 0.12 0.00	37.58 -0.15 0.00	29.16 0.40 0.00	31.50 0.68 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.53 1.49 0.00	22.30 1.38 0.00	21.58 1.34 0.00	21.69 1.33 0.00	23.44 1.39 0.00	31.36 2.05 0.00	62.03 4.14 0.00	32.14 2.26 0.00	25.77 1.79 0.00	23.13 1.52 0.00	25.87 1.73 0.00	29.75 1.78 0.00	29.88 1.54 0.00	25.18 1.26 0.00	24.17 1.32 0.00	22.47 1.31 0.00	23.79 1.50 0.00	36.51 2.26 0.00	49.34 3.03 0.00	57.85 3.56 0.00	161.82 9.09 0.00	40.13 2.40 0.00	30.51 1.74 0.00	32.59 1.76 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.54 1.50 0.00	22.28 1.35 0.00	21.58 1.33 0.00	21.68 1.33 0.00	23.41 1.36 0.00	31.33 2.02 0.00	61.95 4.07 0.00	32.16 2.28 0.00	25.81 1.84 0.00	23.21 1.59 0.00	25.93 1.79 0.00	29.80 1.83 0.00	29.93 1.60 0.00	25.32 1.40 0.00	24.27 1.42 0.00	22.57 1.41 0.00	23.88 1.59 0.00	36.56 2.31 0.00	49.38 3.06 0.00	57.89 3.60 0.00	161.56 8.84 0.00	40.07 2.35 0.00	30.48 1.72 0.00	32.54 1.71 0.00
W50THST__13_KV_LOAD 356117	21.68 1.65 0.00	22.42 1.50 0.00	21.72 1.47 0.00	21.83 1.48 0.00	23.56 1.51 0.00	31.54 2.23 0.00	62.41 4.52 0.00	32.39 2.52 0.00	26.02 2.05 0.00	23.41 1.80 0.00	26.16 2.03 0.00	30.07 2.10 0.00	30.21 1.87 0.00	25.56 1.63 0.00	24.49 1.64 0.00	22.78 1.62 0.00	24.10 1.82 0.00	36.89 2.64 0.00	49.78 3.47 0.00	58.36 4.07 0.00	162.93 10.20 0.00	40.38 2.65 0.00	30.72 1.96 0.00	32.78 1.95 0.00
WADING RIVER_IC_1 23522	22.12 2.08 0.00	22.91 1.98 0.00	22.09 1.85 0.00	22.19 1.83 0.00	23.95 1.90 0.00	32.04 2.73 0.00	63.25 5.37 0.00	32.78 2.90 0.00	26.52 2.54 0.00	23.69 2.08 0.00	26.47 2.33 0.00	30.34 2.38 0.00	30.34 2.01 0.00	25.70 1.77 0.00	25.20 1.97 -0.39	36.33 1.99 -13.18	109.27 2.31 -84.67	332.31 3.15 -294.91	160.72 3.67 -110.74	228.21 4.73 -169.18	164.15 11.42 0.00	41.00 3.27 0.00	31.29 2.53 0.00	33.75 2.74 -0.18
WADING RIVER_IC_2 23547	22.12 2.08 0.00	22.91 1.98 0.00	22.09 1.85 0.00	22.19 1.83 0.00	23.95 1.90 0.00	32.04 2.73 0.00	63.25 5.37 0.00	32.78 2.90 0.00	26.52 2.54 0.00	23.69 2.08 0.00	26.47 2.33 0.00	30.34 2.38 0.00	30.34 2.01 0.00	25.70 1.77 0.00	25.20 1.97 -0.39	36.33 1.99 -13.18	109.27 2.31 -84.67	332.31 3.15 -294.91	160.72 3.67 -110.74	228.21 4.73 -169.18	164.15 11.42 0.00	41.00 3.27 0.00	31.29 2.53 0.00	33.75 2.74 -0.18

WADING RIVER_IC_3 23601	22.12 2.08 0.00	22.91 1.98 0.00	22.09 1.85 0.00	22.19 1.83 0.00	23.95 1.90 0.00	32.04 2.73 0.00	63.25 5.37 0.00	32.78 2.90 0.00	26.52 2.54 0.00	23.69 2.08 0.00	26.47 2.33 0.00	30.34 2.38 0.00	30.34 2.01 0.00	25.70 1.77 0.00	25.20 1.97 -0.39	36.33 1.99 -13.18	109.27 2.31 -84.67	332.31 3.15 -294.91	160.72 3.67 -110.74	228.21 4.73 -169.18	164.15 11.42 0.00	41.00 3.27 0.00	31.29 2.53 0.00	33.75 2.74 -0.18
WALDENNY_I2_KV_BK2 80841	19.13 -0.91 0.00	20.09 -0.84 0.00	19.51 -0.73 0.00	19.72 -0.64 0.00	21.48 -0.57 0.00	28.47 -0.84 0.00	55.72 -2.17 0.00	28.65 -1.23 0.00	23.11 -0.87 0.00	20.92 -0.70 0.00	23.38 -0.75 0.00	26.88 -1.09 0.00	27.05 -1.29 0.00	22.68 -1.24 0.00	21.83 -1.01 0.00	20.36 -0.80 0.00	21.53 -0.76 0.00	33.08 -1.17 0.00	44.79 -1.52 0.00	52.11 -2.18 0.00	146.74 -5.98 0.00	36.20 -1.52 0.00	27.56 -1.20 0.00	29.82 -1.01 0.00
WALDEN___HYDRO 24148	21.43 1.39 0.00	22.22 1.29 0.00	21.48 1.24 0.00	21.59 1.24 0.00	23.36 1.31 0.00	31.26 1.95 0.00	61.87 3.98 0.00	32.04 2.16 0.00	25.62 1.64 0.00	22.93 1.31 0.00	25.57 1.44 0.00	29.40 1.44 0.00	29.53 1.20 0.00	25.11 1.19 0.00	24.02 1.18 0.00	22.35 1.19 0.00	23.73 1.44 0.00	36.60 2.35 0.00	49.54 3.23 0.00	58.07 3.78 0.00	162.55 9.82 0.00	40.24 2.52 0.00	30.58 1.82 0.00	32.67 1.84 0.00
WARRENSBURG____ 23737	20.74 0.71 0.00	21.56 0.64 0.00	20.85 0.61 0.00	20.98 0.63 0.00	22.70 0.65 0.00	30.27 0.96 0.00	59.88 2.00 0.00	30.94 1.06 0.00	24.70 0.72 0.00	22.07 0.45 0.00	24.70 0.57 0.00	28.46 0.49 0.00	28.60 0.26 0.00	24.21 0.28 0.00	23.22 0.38 0.00	21.79 0.63 0.00	23.28 0.99 0.00	35.62 1.37 0.00	48.17 1.86 0.00	56.37 2.08 0.00	158.13 5.41 0.00	38.99 1.26 0.00	29.60 0.83 0.00	31.78 0.95 0.00
WATERSIDE___6 8 9 23538	21.59 1.55 0.00	22.33 1.41 0.00	21.64 1.39 0.00	21.72 1.36 0.00	23.45 1.40 0.00	31.37 2.06 0.00	62.09 4.20 0.00	32.23 2.35 0.00	25.89 1.91 0.00	23.28 1.67 0.00	26.00 1.87 0.00	29.87 1.91 0.00	30.01 1.68 0.00	25.41 1.48 0.00	24.34 1.50 0.00	22.64 1.48 0.00	23.95 1.67 0.00	36.65 2.40 0.00	49.50 3.19 0.00	58.07 3.78 0.00	162.06 9.33 0.00	40.22 2.50 0.00	30.60 1.83 0.00	32.64 1.81 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.31 0.28 0.00	21.17 0.25 0.00	20.46 0.22 0.00	20.59 0.23 0.00	22.28 0.23 0.00	29.74 0.43 0.00	58.82 0.94 0.00	30.44 0.56 0.00	24.40 0.43 0.00	21.85 0.24 0.00	24.42 0.28 0.00	28.15 0.18 0.00	28.33 -0.01 0.00	23.93 0.01 0.00	22.88 0.03 0.00	21.32 0.16 0.00	22.61 0.32 0.00	34.88 0.63 0.00	47.22 0.90 0.00	55.40 1.11 0.00	155.99 3.26 0.00	38.49 0.77 0.00	29.27 0.52 0.00	31.34 0.51 0.00
WATSON___69_KV_BK 1 55734	22.24 2.20 0.00	23.04 2.11 0.00	22.22 1.98 0.00	22.31 1.96 0.00	24.09 2.03 0.00	32.26 2.95 0.00	63.82 5.94 0.00	33.14 3.27 0.00	26.69 2.72 0.00	23.86 2.25 0.00	26.67 2.53 0.00	30.57 2.60 0.00	30.58 2.25 0.00	25.89 1.96 0.00	25.38 2.15 -0.39	36.48 2.14 -13.18	82.26 2.45 -57.52	192.29 3.37 -154.67	108.50 4.11 -58.08	148.21 5.19 -88.73	166.14 13.42 0.00	41.43 3.70 0.00	31.56 2.81 0.00	33.96 2.94 -0.20
WDELAWARE___HYD 323627	21.03 1.00 0.00	21.82 0.89 0.00	21.10 0.86 0.00	21.21 0.85 0.00	22.96 0.90 0.00	30.71 1.41 0.00	60.86 2.98 0.00	31.53 1.65 0.00	25.21 1.23 0.00	22.54 0.93 0.00	25.11 0.97 0.00	28.77 0.80 0.00	28.23 -0.10 0.00	23.91 -0.01 0.00	22.93 0.08 0.00	21.34 0.18 0.00	22.72 0.44 0.00	35.08 0.83 0.00	47.48 1.16 0.00	56.30 2.00 0.00	160.17 7.45 0.00	39.62 1.90 0.00	30.08 1.32 0.00	32.11 1.28 0.00
WEST BABYLON___IC 23714	22.16 2.13 0.00	22.95 2.03 0.00	22.15 1.91 0.00	22.24 1.89 0.00	24.02 1.97 0.00	32.15 2.84 0.00	63.58 5.70 0.00	33.03 3.15 0.00	26.56 2.59 0.00	23.77 2.16 0.00	26.59 2.45 0.00	30.48 2.52 0.00	30.51 2.18 0.00	25.83 1.91 0.00	25.31 2.08 -0.39	36.41 2.07 -13.18	58.72 2.36 -34.08	71.11 3.31 -33.55	63.01 4.10 -12.60	78.63 5.09 -19.25	165.68 12.95 0.00	41.29 3.56 0.00	31.46 2.70 0.00	33.89 2.83 -0.23
WEST CANADA___HYD 24049	20.21 0.18 0.00	21.07 0.15 0.00	20.40 0.16 0.00	20.52 0.16 0.00	22.22 0.17 0.00	29.59 0.27 0.00	58.43 0.54 0.00	30.18 0.30 0.00	24.22 0.24 0.00	21.79 0.17 0.00	24.33 0.20 0.00	28.13 0.17 0.00	28.43 0.10 0.00	24.02 0.10 0.00	22.96 0.12 0.00	21.32 0.16 0.00	22.50 0.22 0.00	34.59 0.34 0.00	46.78 0.46 0.00	54.83 0.54 0.00	154.25 1.53 0.00	38.07 0.35 0.00	29.01 0.25 0.00	31.07 0.25 0.00
WESTERN_NY_WIND 24143	19.43 -0.61 0.00	20.38 -0.54 0.00	19.78 -0.46 0.00	19.95 -0.40 0.00	21.72 -0.33 0.00	28.82 -0.49 0.00	56.53 -1.35 0.00	29.11 -0.77 0.00	23.40 -0.57 0.00	21.05 -0.57 0.00	23.43 -0.71 0.00	26.90 -1.06 0.00	27.21 -1.13 0.00	22.78 -1.14 0.00	21.87 -0.97 0.00	20.36 -0.80 0.00	21.67 -0.62 0.00	33.57 -0.68 0.00	45.53 -0.78 0.00	52.98 -1.31 0.00	149.24 -3.48 0.00	36.76 -0.96 0.00	27.95 -0.81 0.00	30.22 -0.60 0.00
WESTOVER___LESR 323668	20.16 0.12 0.00	21.02 0.09 0.00	20.30 0.06 0.00	20.44 0.09 0.00	22.19 0.14 0.00	29.59 0.28 0.00	58.58 0.70 0.00	30.43 0.55 0.00	24.47 0.50 0.00	22.00 0.39 0.00	24.53 0.39 0.00	28.29 0.32 0.00	28.47 0.14 0.00	24.01 0.09 0.00	23.02 0.17 0.00	21.47 0.31 0.00	22.73 0.44 0.00	35.00 0.75 0.00	47.41 1.10 0.00	55.65 1.36 0.00	156.46 3.74 0.00	38.61 0.88 0.00	29.34 0.58 0.00	31.42 0.59 0.00
WETHRSFD_WT_PWR 323626	18.55 -1.49 0.00	19.56 -1.36 0.00	19.06 -1.18 0.00	19.41 -0.95 0.00	21.25 -0.80 0.00	28.18 -1.13 0.00	55.23 -2.66 0.00	26.56 -1.48 1.83	20.54 -1.10 2.33	18.66 -0.93 2.02	22.22 -1.00 0.92	26.28 -1.35 0.33	26.76 -1.57 0.00	22.23 -1.48 0.21	21.60 -1.24 0.00	20.06 -1.01 0.09	20.29 -0.98 1.02	21.91 -1.47 10.87	29.59 -1.95 14.78	45.29 -2.75 6.25	136.36 -7.67 8.68	33.13 -1.89 2.71	25.53 -1.50 1.73	27.07 -1.38 2.37
WHAVSTOR_138KV_BK127 55557	21.48 1.44 0.00	22.25 1.33 0.00	21.54 1.29 0.00	21.64 1.28 0.00	23.38 1.33 0.00	31.27 1.97 0.00	61.85 3.97 0.00	32.05 2.17 0.00	25.71 1.73 0.00	23.08 1.47 0.00	25.81 1.68 0.00	29.68 1.72 0.00	29.80 1.47 0.00	25.09 1.17 0.00	24.06 1.22 0.00	22.37 1.21 0.00	23.68 1.39 0.00	36.33 2.08 0.00	49.09 2.78 0.00	57.57 3.28 0.00	161.00 8.27 0.00	39.94 2.22 0.00	30.37 1.61 0.00	32.45 1.62 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.48 1.44 0.00	22.25 1.33 0.00	21.54 1.29 0.00	21.64 1.28 0.00	23.38 1.33 0.00	31.27 1.97 0.00	61.85 3.97 0.00	32.05 2.17 0.00	25.71 1.73 0.00	23.08 1.47 0.00	25.81 1.68 0.00	29.68 1.72 0.00	29.80 1.47 0.00	25.09 1.17 0.00	24.06 1.22 0.00	22.37 1.21 0.00	23.68 1.39 0.00	36.33 2.08 0.00	49.09 2.78 0.00	57.57 3.28 0.00	161.00 8.27 0.00	39.94 2.22 0.00	30.37 1.61 0.00	32.45 1.62 0.00

WHITEHAL_115KV_TB1 80871	21.36 1.33 0.00	22.16 1.23 0.00	21.39 1.15 0.00	21.53 1.18 0.00	23.25 1.20 0.00	30.95 1.64 0.00	61.01 3.12 0.00	31.47 1.59 0.00	25.15 1.17 0.00	22.48 0.86 0.00	25.31 1.18 0.00	29.12 1.15 0.00	29.04 0.71 0.00	24.64 0.72 0.00	23.79 0.94 0.00	22.48 1.32 0.00	24.16 1.87 0.00	36.41 2.16 0.00	49.24 2.92 0.00	57.66 3.37 0.00	161.00 8.28 0.00	39.76 2.04 0.00	30.26 1.50 0.00	32.78 1.95 0.00
WHITEPLN_13_KV_LOAD 356215	21.66 1.63 0.00	22.44 1.51 0.00	21.71 1.47 0.00	21.82 1.46 0.00	23.58 1.53 0.00	31.55 2.24 0.00	62.41 4.53 0.00	32.35 2.47 0.00	25.96 1.98 0.00	23.31 1.69 0.00	26.06 1.93 0.00	29.96 2.00 0.00	30.09 1.76 0.00	25.43 1.51 0.00	24.40 1.56 0.00	22.71 1.55 0.00	24.04 1.76 0.00	36.89 2.64 0.00	49.85 3.53 0.00	58.41 4.12 0.00	163.32 10.60 0.00	40.46 2.74 0.00	30.76 2.00 0.00	32.85 2.02 0.00
WM_FLOYD_69_KV_BK2 356380	22.14 2.11 0.00	22.93 2.01 0.00	22.12 1.88 0.00	22.21 1.86 0.00	23.98 1.93 0.00	32.11 2.80 0.00	63.45 5.57 0.00	32.90 3.02 0.00	26.54 2.57 0.00	23.72 2.10 0.00	26.47 2.34 0.00	30.36 2.40 0.00	30.34 2.01 0.00	25.69 1.77 0.00	25.21 1.97 -0.39	36.35 2.00 -13.18	112.95 2.34 -88.33	351.29 3.23 -313.81	168.04 3.88 -117.84	239.23 4.91 -180.03	164.79 12.06 0.00	41.15 3.42 0.00	31.38 2.62 0.00	33.80 2.79 -0.18
WOODARD__115KV_TB2 355635	19.62 -0.41 0.00	20.46 -0.46 0.00	19.81 -0.43 0.00	19.95 -0.40 0.00	21.62 -0.43 0.00	28.78 -0.53 0.00	56.86 -1.02 0.00	29.41 -0.47 0.00	23.61 -0.37 0.00	21.26 -0.35 0.00	23.70 -0.44 0.00	27.36 -0.60 0.00	27.60 -0.74 0.00	23.29 -0.64 0.00	22.29 -0.55 0.00	20.75 -0.41 0.00	21.95 -0.34 0.00	33.76 -0.49 0.00	45.67 -0.64 0.00	53.61 -0.68 0.00	151.32 -1.40 0.00	37.32 -0.41 0.00	28.36 -0.40 0.00	30.34 -0.49 0.00
YORK__WARBASSE 23770	21.69 1.65 0.00	22.44 1.51 0.00	21.73 1.49 0.00	21.81 1.45 0.00	23.56 1.51 0.00	31.53 2.22 0.00	62.40 4.52 0.00	32.38 2.50 0.00	26.01 2.04 0.00	23.38 1.77 0.00	26.11 1.98 0.00	30.00 2.04 0.00	30.15 1.81 0.00	25.52 1.60 0.00	24.45 1.61 0.00	22.73 1.57 0.00	24.05 1.76 0.00	36.80 2.55 0.00	49.69 3.37 0.00	58.32 4.02 0.00	162.82 10.10 0.00	40.43 2.71 0.00	30.76 2.00 0.00	32.79 1.96 0.00