

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/13/2023

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	23.41	24.02	22.77	22.79	24.00	28.89	32.94	40.36	27.00	25.04	28.96	22.68	25.76	26.67	30.41	33.23	31.89	37.38	46.97	46.95	41.47	34.64	27.09	25.88
24138	1.26	1.16	1.11	1.14	1.24	1.50	2.20	3.19	2.00	1.81	2.12	1.61	1.72	1.74	1.99	2.28	2.55	3.61	4.03	3.55	3.11	2.17	1.56	1.31
	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
74TH STREET_GT_1	23.40	24.01	22.76	22.78	24.00	28.89	32.93	40.30	26.95	24.98	28.88	22.62	25.69	26.60	30.33	33.09	31.78	37.26	46.80	46.86	41.37	34.58	27.06	25.84
24260	1.25	1.15	1.11	1.13	1.23	1.49	2.18	3.12	1.95	1.75	2.04	1.55	1.65	1.67	1.91	2.14	2.43	3.50	3.86	3.46	3.01	2.11	1.53	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.40	24.01	22.76	22.78	24.00	28.89	32.93	40.30	26.95	24.98	28.88	22.62	25.69	26.60	30.33	33.09	31.78	37.26	46.80	46.86	41.37	34.58	27.06	25.84
24261	1.25	1.15	1.11	1.13	1.23	1.49	2.18	3.12	1.95	1.75	2.04	1.55	1.65	1.67	1.91	2.14	2.43	3.50	3.86	3.46	3.01	2.11	1.53	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.66	23.30	22.10	22.18	23.41	28.36	32.12	39.24	26.13	24.07	27.82	21.74	24.96	25.93	29.86	32.57	31.26	36.24	45.51	45.58	40.28	33.76	26.45	25.36
24011	0.52	0.43	0.45	0.53	0.64	0.96	1.38	2.06	1.13	0.84	0.98	0.67	0.93	1.01	1.44	1.62	1.92	2.48	2.57	2.17	1.92	1.29	0.91	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.66	23.30	22.12	22.21	23.46	28.51	32.33	39.49	26.27	24.14	27.89	21.78	25.09	26.07	30.06	32.83	31.53	36.54	45.81	45.80	40.45	33.86	26.51	25.43
23798	0.52	0.44	0.46	0.56	0.70	1.12	1.58	2.32	1.26	0.91	1.05	0.71	1.06	1.14	1.64	1.88	2.18	2.78	2.86	2.40	2.09	1.39	0.98	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.66	23.30	22.10	22.18	23.41	28.36	32.12	39.24	26.13	24.07	27.82	21.74	24.96	25.93	29.86	32.57	31.26	36.24	45.51	45.58	40.28	33.76	26.45	25.36
24028	0.52	0.43	0.45	0.53	0.64	0.96	1.38	2.06	1.13	0.84	0.98	0.67	0.93	1.01	1.44	1.62	1.92	2.48	2.57	2.17	1.92	1.29	0.91	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23.10	23.71	22.46	22.53	23.76	28.51	32.25	39.40	26.24	24.16	27.88	21.68	24.89	25.85	29.76	32.48	31.00	36.04	45.35	45.49	40.43	33.84	26.58	25.54
23527	0.96	0.85	0.80	0.88	0.99	1.11	1.50	2.22	1.24	0.92	1.04	0.61	0.85	0.92	1.34	1.53	1.65	2.28	2.40	2.08	2.07	1.37	1.05	0.97
	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
AIR_PRODUCTS___DRP	22.35	22.94	21.83	21.87	22.96	27.52	31.05	37.85	25.35	23.47	27.17	21.32	24.29	25.20	28.82	31.44	30.09	34.83	43.95	44.20	39.07	32.83	25.82	24.79
24190	0.20	0.07	0.18	0.23	0.19	0.12	0.30	0.68	0.35	0.24	0.33	0.25	0.25	0.27	0.40	0.49	0.74	1.07	1.01	0.80	0.71	0.36	0.28	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.26	23.12	21.88	21.86	22.93	27.58	30.80	36.99	25.00	23.33	26.98	21.19	24.24	25.14	28.63	31.12	28.95	32.34	42.30	43.10	38.24	32.55	25.55	24.71
355683	0.12	0.26	0.22	0.21	0.16	0.19	0.05	-0.19	0.00	0.10	0.14	0.12	0.20	0.21	0.20	0.17	-0.40	-1.10	-0.65	-0.30	-0.12	0.09	0.02	0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	22.82	23.47	22.29	22.33	23.48	28.16	31.75	38.64	25.86	23.91	27.65	21.66	24.71	25.64	29.40	32.11	30.72	35.55	44.89	45.19	39.91	33.62	26.42	25.38
323833	0.68	0.61	0.64	0.69	0.71	0.77	1.00	1.47	0.86	0.68	0.81	0.59	0.67	0.71	0.98	1.16	1.38	1.79	1.95	1.78	1.55	1.15	0.89	0.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.81	23.47	22.29	22.32	23.47	28.16	31.74	38.63	25.86	23.91	27.64	21.66	24.71	25.64	29.38	32.09	30.71	35.54	44.88	45.17	39.91	33.60	26.42	25.37
323834	0.67	0.61	0.63	0.68	0.71	0.76	0.99	1.45	0.85	0.67	0.80	0.59	0.67	0.71	0.96	1.14	1.36	1.77	1.94	1.77	1.55	1.14	0.88	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.35	22.94	21.83	21.87	22.96	27.52	31.05	37.85	25.35	23.47	27.17	21.32	24.29	25.20	28.82	31.44	30.09	34.83	43.95	44.20	39.07	32.83	25.82	24.79
23571	0.20	0.07	0.18	0.23	0.19	0.12	0.30	0.68	0.35	0.24	0.33	0.25	0.25	0.27	0.40	0.49	0.74	1.07	1.01	0.80	0.71	0.36	0.28	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.35 0.20 0.00	22.94 0.07 0.00	21.83 0.18 0.00	21.87 0.23 0.00	22.96 0.19 0.00	27.52 0.12 0.00	31.05 0.30 0.00	37.85 0.68 0.00	25.35 0.35 0.00	23.47 0.24 0.00	27.17 0.33 0.00	21.32 0.25 0.00	24.29 0.25 0.00	25.20 0.27 0.00	28.82 0.40 0.00	31.44 0.49 0.00	30.09 0.74 0.00	34.83 1.07 0.00	43.95 1.01 0.00	44.20 0.80 0.00	39.07 0.71 0.00	32.83 0.36 0.00	25.82 0.28 0.00	24.79 0.22 0.00
ALBANY___3 23573	22.35 0.20 0.00	22.94 0.07 0.00	21.83 0.18 0.00	21.87 0.23 0.00	22.96 0.19 0.00	27.52 0.12 0.00	31.05 0.30 0.00	37.85 0.68 0.00	25.35 0.35 0.00	23.47 0.24 0.00	27.17 0.33 0.00	21.32 0.25 0.00	24.29 0.25 0.00	25.20 0.27 0.00	28.82 0.40 0.00	31.44 0.49 0.00	30.09 0.74 0.00	34.83 1.07 0.00	43.95 1.01 0.00	44.20 0.80 0.00	39.07 0.71 0.00	32.83 0.36 0.00	25.82 0.28 0.00	24.79 0.22 0.00
ALBANY___4 23574	22.35 0.20 0.00	22.94 0.07 0.00	21.83 0.18 0.00	21.87 0.23 0.00	22.96 0.19 0.00	27.52 0.12 0.00	31.05 0.30 0.00	37.85 0.68 0.00	25.35 0.35 0.00	23.47 0.24 0.00	27.17 0.33 0.00	21.32 0.25 0.00	24.29 0.25 0.00	25.20 0.27 0.00	28.82 0.40 0.00	31.44 0.49 0.00	30.09 0.74 0.00	34.83 1.07 0.00	43.95 1.01 0.00	44.20 0.80 0.00	39.07 0.71 0.00	32.83 0.36 0.00	25.82 0.28 0.00	24.79 0.22 0.00
ALBANY___LFGE 323615	22.54 0.39 0.00	23.14 0.28 0.00	22.00 0.35 0.00	22.04 0.39 0.00	23.16 0.39 0.00	27.78 0.38 0.00	31.36 0.62 0.00	38.25 1.07 0.00	25.62 0.61 0.00	23.71 0.47 0.00	27.46 0.62 0.00	21.53 0.46 0.00	24.55 0.51 0.00	25.48 0.55 0.00	29.15 0.73 0.00	31.80 0.84 0.00	30.43 1.09 0.00	35.23 1.46 0.00	44.44 1.49 0.00	44.70 1.29 0.00	39.49 1.13 0.00	33.18 0.71 0.00	26.07 0.54 0.00	25.03 0.46 0.00
ALCOA_PA_115KV_PL-6C 55860	22.44 0.29 0.00	23.31 0.45 0.00	22.06 0.41 0.00	22.04 0.39 0.00	23.11 0.34 0.00	27.76 0.37 0.00	30.87 0.12 0.00	37.07 -0.11 0.00	25.06 0.06 0.00	23.46 0.23 0.00	27.14 0.30 0.00	21.50 0.25 -0.19	25.57 0.34 -1.20	26.50 0.35 -1.22	29.80 0.28 -1.10	32.59 0.25 -1.38	30.22 -0.36 -1.23	33.50 -1.37 -1.11	44.04 -0.58 -1.68	44.90 -0.21 -1.70	38.89 0.01 -0.53	32.69 0.22 0.00	26.50 0.13 -0.83	24.84 0.27 0.00
ALCOA_RYNLDS___DRP 24188	22.44 0.29 0.00	23.31 0.45 0.00	22.06 0.41 0.00	22.04 0.39 0.00	23.11 0.34 0.00	27.76 0.37 0.00	30.87 0.12 0.00	37.07 0.00 0.00	25.06 0.06 0.00	23.46 0.23 0.00	27.14 0.30 0.00	21.50 0.25 -0.19	25.57 0.34 -1.20	26.50 0.35 -1.22	29.80 0.28 -1.10	32.59 0.25 -1.38	30.22 -0.36 -1.23	33.50 -1.37 -1.11	44.04 -0.58 -1.68	44.90 -0.21 -1.70	38.89 0.01 -0.53	32.69 0.22 0.00	26.50 0.13 -0.83	24.84 0.27 0.00
ALCOA___DSASP 323711	22.44 0.29 0.00	23.31 0.45 0.00	22.06 0.40 0.00	22.04 0.39 0.00	23.11 0.34 0.00	27.77 0.37 0.00	30.87 0.12 0.00	37.07 -0.11 0.00	25.06 0.06 0.00	23.46 0.23 0.00	27.14 0.30 0.00	21.50 0.25 -0.19	25.57 0.34 -1.20	26.50 0.35 -1.22	29.80 0.28 -1.10	32.58 0.26 -1.38	30.22 -0.36 -1.23	33.53 -1.34 -1.11	44.04 -0.58 -1.68	44.90 -0.20 -1.70	38.89 0.01 -0.53	32.69 0.22 0.00	26.50 0.13 -0.83	24.85 0.27 0.00
ALLEGHENY___COGEN 23514	22.24 0.10 0.00	23.02 0.15 0.00	21.72 0.06 0.00	21.43 -0.22 0.00	22.60 -0.16 0.00	27.51 0.12 0.00	30.95 0.21 0.00	37.57 0.40 0.00	25.17 0.17 0.00	22.89 -0.34 0.00	26.35 -0.49 0.00	20.44 -0.63 0.00	23.91 -0.60 -0.47	24.93 -0.67 -0.67	28.59 -0.57 -0.75	31.82 -0.04 -0.91	30.72 0.85 -0.52	35.35 1.37 -0.22	45.26 1.45 -0.86	45.53 1.34 -0.79	39.77 0.79 -0.63	35.38 0.68 -2.23	27.70 0.66 -1.51	25.83 0.64 -0.62
ALTAMONT_115KV_TB 2 55880	22.57 0.42 0.00	23.21 0.34 0.00	22.03 0.37 0.00	22.05 0.40 0.00	23.20 0.43 0.00	27.88 0.49 0.00	31.46 0.72 0.00	38.32 1.15 0.00	25.67 0.67 0.00	23.77 0.54 0.00	27.50 0.66 0.00	21.53 0.46 0.00	24.57 0.53 0.00	25.48 0.56 0.00	29.14 0.72 0.00	31.78 0.83 0.00	30.38 1.03 0.00	35.16 1.40 0.00	44.42 1.48 0.00	44.70 1.29 0.00	39.50 1.14 0.00	33.21 0.74 0.00	26.10 0.56 0.00	25.05 0.48 0.00
ALTONA_WT_PWR 323606	22.03 -0.11 0.00	23.07 0.21 0.00	21.66 0.00 0.00	21.79 0.14 0.00	23.04 0.28 0.00	28.16 0.77 0.00	31.69 0.94 0.00	38.17 0.99 0.00	25.51 0.51 0.00	23.33 0.10 0.00	26.70 -0.14 0.00	13.77 -0.40 6.90	-21.09 -0.62 44.52	-21.11 -0.62 45.41	-13.15 -0.75 40.83	-21.06 -0.81 51.20	-17.56 -1.24 45.66	-21.03 -2.00 52.80	-21.07 -1.80 62.22	-21.09 -1.42 63.07	18.16 -0.67 19.53	31.95 -0.52 0.00	-5.94 -0.77 30.71	24.51 -0.06 0.00
AMERICAN_REF_FUEL 24010	20.22 -1.92 0.00	21.19 -1.68 0.00	19.92 -1.73 0.00	19.79 -1.85 0.00	20.85 -1.92 0.00	25.24 -2.16 0.00	27.78 -2.97 0.00	33.08 -4.10 0.00	22.32 -2.69 0.00	20.85 -2.38 0.00	24.14 -2.70 0.00	18.91 -2.17 0.00	19.99 -2.06 1.98	19.92 -2.19 2.81	23.02 -2.15 3.25	24.62 -2.37 3.97	25.21 -1.86 2.28	30.09 -2.73 0.95	35.02 -4.17 3.75	36.02 -3.94 3.45	31.88 -3.72 2.76	20.25 -2.45 9.77	17.39 -1.59 6.56	20.53 -1.30 2.75
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.76 -1.38 0.00	21.57 -1.29 0.00	20.25 -1.41 0.00	20.06 -1.58 0.00	21.08 -1.68 0.00	25.68 -1.71 0.00	28.83 -1.91 0.00	34.75 -2.43 0.00	23.55 -1.45 0.00	21.66 -1.57 0.00	24.84 -1.99 0.00	19.31 -1.76 0.00	19.63 -1.75 2.65	19.30 -1.87 3.76	22.34 -1.85 4.23	23.98 -1.82 5.17	25.36 -1.02 2.97	31.39 -1.12 1.25	35.96 -2.06 4.92	36.70 -2.18 4.52	32.70 -2.06 3.60	18.65 -1.05 12.76	16.38 -0.54 8.61	20.75 -0.27 3.56
ARTHUR KILL_GT_1 23520	23.29 1.14 0.00	23.91 1.05 0.00	22.66 1.01 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.76 1.36 0.00	32.80 2.05 0.00	40.05 2.88 0.00	26.77 1.76 0.00	24.79 1.56 0.00	28.64 1.80 0.00	22.43 1.37 0.00	25.45 1.41 0.00	26.39 1.47 0.00	30.08 1.66 0.00	32.92 1.96 0.00	31.69 2.34 0.00	37.27 3.51 0.00	46.80 3.85 0.00	46.78 3.38 0.00	41.34 2.98 0.00	34.54 2.07 0.00	26.93 1.39 0.00	25.72 1.15 0.00
ARTHUR_KILL_2 23512	23.23 1.08 0.00	23.85 0.98 0.00	22.60 0.95 0.00	22.63 0.98 0.00	23.83 1.06 0.00	28.68 1.28 0.00	32.69 1.95 0.00	39.94 2.76 0.00	26.69 1.69 0.00	24.73 1.50 0.00	28.56 1.72 0.00	22.37 1.30 0.00	25.39 1.35 0.00	26.32 1.39 0.00	30.00 1.58 0.00	32.82 1.87 0.00	31.59 2.25 0.00	37.15 3.39 0.00	46.65 3.71 0.00	46.63 3.22 0.00	41.20 2.85 0.00	34.42 1.95 0.00	26.85 1.31 0.00	25.64 1.07 0.00
ARTHUR_KILL_3 23513	23.20 1.06 0.00	23.82 0.95 0.00	22.58 0.93 0.00	22.61 0.96 0.00	23.81 1.04 0.00	28.63 1.23 0.00	32.64 1.89 0.00	39.93 2.75 0.00	26.71 1.71 0.00	24.75 1.51 0.00	28.61 1.76 0.00	22.41 1.35 0.00	25.43 1.39 0.00	26.32 1.39 0.00	29.99 1.56 0.00	32.72 1.77 0.00	31.40 2.05 0.00	36.84 3.08 0.00	46.32 3.38 0.00	46.35 2.94 0.00	40.96 2.60 0.00	34.21 1.74 0.00	26.78 1.25 0.00	25.57 1.00 0.00

ARTHUR_KILL_COGEN 323718	23.29 1.14 0.00	23.91 1.05 0.00	22.66 1.01 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.76 1.36 0.00	32.80 2.05 0.00	40.05 2.88 0.00	26.77 1.76 0.00	24.79 1.56 0.00	28.64 1.80 0.00	22.43 1.37 0.00	25.45 1.41 0.00	26.39 1.47 0.00	30.08 1.66 0.00	32.92 1.96 0.00	31.69 2.34 0.00	37.27 3.51 0.00	46.80 3.85 0.00	46.78 3.38 0.00	41.34 2.98 0.00	34.54 2.07 0.00	26.93 1.39 0.00	25.72 1.15 0.00
ASHOKAN____ 23654	23.27 1.12 0.00	23.91 1.04 0.00	22.69 1.04 0.00	22.73 1.08 0.00	23.93 1.16 0.00	28.81 1.41 0.00	32.62 1.88 0.00	39.78 2.61 0.00	26.60 1.60 0.00	24.45 1.22 0.00	28.12 1.28 0.00	21.96 0.89 0.00	25.06 1.02 0.00	26.02 1.10 0.00	30.01 1.59 0.00	32.99 2.03 0.00	31.76 2.41 0.00	36.81 3.05 0.00	46.48 3.54 0.00	46.81 3.40 0.00	41.30 2.94 0.00	34.69 2.22 0.00	27.14 1.60 0.00	26.00 1.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.17 1.03 0.00	23.79 0.93 0.00	22.53 0.88 0.00	22.54 0.90 0.00	23.74 0.97 0.00	28.51 1.12 0.00	32.54 1.80 0.00	39.81 2.64 0.00	26.61 1.60 0.00	24.70 1.46 0.00	28.53 1.69 0.00	22.35 1.28 0.00	25.35 1.31 0.00	26.28 1.35 0.00	29.93 1.51 0.00	32.66 1.70 0.00	31.32 1.97 0.00	36.78 3.02 0.01	46.18 3.24 0.01	46.26 2.86 0.01	40.83 2.48 0.01	34.18 1.72 0.00	26.78 1.25 0.00	25.58 1.00 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.17 1.03 0.00	23.76 0.90 0.00	22.48 0.82 0.00	22.52 0.87 0.00	23.74 0.97 0.00	28.51 1.12 0.00	32.54 1.80 0.00	39.76 2.59 0.00	26.61 1.60 0.00	24.70 1.46 0.00	28.53 1.69 0.00	22.35 1.28 0.00	25.35 1.31 0.00	26.28 1.35 0.00	29.93 1.51 0.00	32.66 1.70 0.00	31.32 1.97 0.00	36.78 3.02 0.01	46.18 3.24 0.01	46.26 2.86 0.01	40.83 2.48 0.01	34.11 1.64 0.00	26.71 1.17 0.00	25.54 0.97 0.00
ASTORIA_GT2_1 24094	23.18 1.03 0.00	23.79 0.93 0.00	22.54 0.88 0.00	22.55 0.90 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.83 2.66 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.20 1.74 0.00	26.79 1.25 0.00	25.59 1.02 0.00
ASTORIA_GT2_2 24095	23.18 1.03 0.00	23.79 0.93 0.00	22.54 0.88 0.00	22.55 0.90 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.83 2.66 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.20 1.74 0.00	26.79 1.25 0.00	25.59 1.02 0.00
ASTORIA_GT2_3 24096	23.18 1.03 0.00	23.79 0.93 0.00	22.54 0.88 0.00	22.55 0.90 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.83 2.66 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.20 1.74 0.00	26.79 1.25 0.00	25.59 1.02 0.00
ASTORIA_GT2_4 24097	23.18 1.03 0.00	23.79 0.93 0.00	22.54 0.88 0.00	22.55 0.90 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.83 2.66 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.20 1.74 0.00	26.79 1.25 0.00	25.59 1.02 0.00
ASTORIA_GT3_1 24098	23.18 1.03 0.00	23.76 0.90 0.00	22.48 0.83 0.00	22.52 0.87 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.78 2.61 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.13 1.66 0.00	26.72 1.19 0.00	25.54 0.97 0.00
ASTORIA_GT3_2 24099	23.18 1.03 0.00	23.76 0.90 0.00	22.48 0.83 0.00	22.52 0.87 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.78 2.61 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.13 1.66 0.00	26.72 1.19 0.00	25.54 0.97 0.00
ASTORIA_GT3_3 24100	23.18 1.03 0.00	23.76 0.90 0.00	22.48 0.83 0.00	22.52 0.87 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.78 2.61 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.13 1.66 0.00	26.72 1.19 0.00	25.54 0.97 0.00
ASTORIA_GT3_4 24101	23.18 1.03 0.00	23.76 0.90 0.00	22.48 0.83 0.00	22.52 0.87 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.78 2.61 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.13 1.66 0.00	26.72 1.19 0.00	25.54 0.97 0.00
ASTORIA_GT4_1 24102	23.18 1.03 0.00	23.76 0.90 0.00	22.48 0.83 0.00	22.52 0.87 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.78 2.61 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.13 1.66 0.00	26.72 1.19 0.00	25.54 0.97 0.00
ASTORIA_GT4_2 24103	23.18 1.03 0.00	23.76 0.90 0.00	22.48 0.83 0.00	22.52 0.87 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.78 2.61 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.13 1.66 0.00	26.72 1.19 0.00	25.54 0.97 0.00
ASTORIA_GT4_3 24104	23.18 1.03 0.00	23.76 0.90 0.00	22.48 0.83 0.00	22.52 0.87 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.78 2.61 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.13 1.66 0.00	26.72 1.19 0.00	25.54 0.97 0.00

ASTORIA_GT4_4 24105	23.18 1.03 0.00	23.76 0.90 0.00	22.48 0.83 0.00	22.52 0.87 0.00	23.74 0.97 0.00	28.54 1.15 0.00	32.56 1.82 0.00	39.78 2.61 0.00	26.61 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.29 1.36 0.00	29.94 1.52 0.00	32.67 1.72 0.00	31.33 1.98 0.00	36.81 3.04 0.00	46.19 3.25 0.00	46.27 2.86 0.00	40.83 2.47 0.00	34.13 1.66 0.00	26.72 1.19 0.00	25.54 0.97 0.00
ASTORIA_GT_1 23523	23.21 1.07 0.00	23.82 0.95 0.00	22.55 0.90 0.00	22.57 0.93 0.00	23.78 1.02 0.00	28.57 1.18 0.00	32.62 1.87 0.00	39.89 2.72 0.00	26.67 1.66 0.00	24.76 1.52 0.00	28.60 1.76 0.00	22.41 1.34 0.00	25.42 1.38 0.00	26.34 1.41 0.00	30.00 1.58 0.00	32.74 1.78 0.00	31.40 2.05 0.00	36.87 3.11 0.01	46.30 3.36 0.01	46.39 2.99 0.01	40.93 2.58 0.01	34.25 1.78 0.00	26.81 1.27 0.00	25.62 1.05 0.00
ASTORIA_GT_10 24110	23.22 1.08 0.00	23.84 0.98 0.00	22.60 0.94 0.00	22.62 0.97 0.00	23.82 1.05 0.00	28.67 1.28 0.00	32.70 1.96 0.00	40.02 2.85 0.00	26.76 1.76 0.00	24.81 1.58 0.00	28.68 1.84 0.00	22.47 1.40 0.00	25.49 1.46 0.00	26.40 1.48 0.00	30.10 1.68 0.00	32.87 1.91 0.00	31.55 2.20 0.00	37.00 3.24 0.00	46.50 3.55 0.00	46.56 3.16 0.00	41.09 2.73 0.00	34.34 1.88 0.00	26.87 1.34 0.00	25.64 1.07 0.00
ASTORIA_GT_11 24225	23.22 1.08 0.00	23.84 0.98 0.00	22.60 0.94 0.00	22.62 0.97 0.00	23.82 1.05 0.00	28.67 1.28 0.00	32.70 1.96 0.00	40.02 2.85 0.00	26.76 1.76 0.00	24.81 1.58 0.00	28.68 1.84 0.00	22.47 1.40 0.00	25.49 1.46 0.00	26.40 1.48 0.00	30.10 1.68 0.00	32.87 1.91 0.00	31.55 2.20 0.00	37.00 3.24 0.00	46.50 3.55 0.00	46.56 3.16 0.00	41.09 2.73 0.00	34.34 1.88 0.00	26.87 1.34 0.00	25.64 1.07 0.00
ASTORIA_GT_12 24226	23.22 1.08 0.00	23.84 0.98 0.00	22.60 0.94 0.00	22.62 0.97 0.00	23.82 1.05 0.00	28.67 1.28 0.00	32.70 1.96 0.00	40.02 2.85 0.00	26.76 1.76 0.00	24.81 1.58 0.00	28.68 1.84 0.00	22.47 1.40 0.00	25.49 1.46 0.00	26.40 1.48 0.00	30.10 1.68 0.00	32.87 1.91 0.00	31.55 2.20 0.00	37.00 3.24 0.00	46.50 3.55 0.00	46.56 3.16 0.00	41.09 2.73 0.00	34.34 1.88 0.00	26.87 1.34 0.00	25.64 1.07 0.00
ASTORIA_GT_13 24227	23.22 1.08 0.00	23.84 0.98 0.00	22.60 0.94 0.00	22.62 0.97 0.00	23.82 1.05 0.00	28.67 1.28 0.00	32.70 1.96 0.00	40.02 2.85 0.00	26.76 1.76 0.00	24.81 1.58 0.00	28.68 1.84 0.00	22.47 1.40 0.00	25.49 1.46 0.00	26.40 1.48 0.00	30.10 1.68 0.00	32.87 1.91 0.00	31.55 2.20 0.00	37.00 3.24 0.00	46.50 3.55 0.00	46.56 3.16 0.00	41.09 2.73 0.00	34.34 1.88 0.00	26.87 1.34 0.00	25.64 1.07 0.00
ASTORIA_GT_5 24106	23.21 1.07 0.00	23.82 0.95 0.00	22.55 0.89 0.00	22.57 0.92 0.00	23.78 1.01 0.00	28.59 1.19 0.00	32.62 1.87 0.00	39.89 2.71 0.00	26.67 1.66 0.00	24.76 1.52 0.00	28.60 1.76 0.00	22.41 1.34 0.00	25.42 1.38 0.00	26.34 1.42 0.00	30.00 1.58 0.00	32.74 1.78 0.00	31.39 2.04 0.00	36.89 3.12 0.00	46.28 3.34 0.00	46.36 2.95 0.00	40.91 2.55 0.00	34.25 1.78 0.00	26.81 1.28 0.00	25.61 1.04 0.00
ASTORIA_GT_7 24107	23.21 1.07 0.00	23.82 0.95 0.00	22.55 0.89 0.00	22.57 0.92 0.00	23.78 1.01 0.00	28.59 1.19 0.00	32.62 1.87 0.00	39.89 2.71 0.00	26.67 1.66 0.00	24.76 1.52 0.00	28.60 1.76 0.00	22.41 1.34 0.00	25.42 1.38 0.00	26.34 1.42 0.00	30.00 1.58 0.00	32.74 1.78 0.00	31.39 2.04 0.00	36.89 3.12 0.00	46.28 3.34 0.00	46.36 2.95 0.00	40.91 2.55 0.00	34.25 1.78 0.00	26.81 1.28 0.00	25.61 1.04 0.00
ASTORIA_GT_8 24108	23.21 1.07 0.00	23.82 0.95 0.00	22.55 0.89 0.00	22.57 0.92 0.00	23.78 1.01 0.00	28.59 1.19 0.00	32.62 1.87 0.00	39.89 2.71 0.00	26.67 1.66 0.00	24.76 1.52 0.00	28.60 1.76 0.00	22.41 1.34 0.00	25.42 1.38 0.00	26.34 1.42 0.00	30.00 1.58 0.00	32.74 1.78 0.00	31.39 2.04 0.00	36.89 3.12 0.00	46.28 3.34 0.00	46.36 2.95 0.00	40.91 2.55 0.00	34.25 1.78 0.00	26.81 1.28 0.00	25.61 1.04 0.00
ASTORIA___2 24149	23.18 1.03 0.00	23.76 0.90 0.00	22.49 0.83 0.00	22.52 0.88 0.00	23.74 0.98 0.00	28.52 1.13 0.00	32.56 1.82 0.00	39.78 2.61 0.00	26.62 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.28 1.36 0.00	29.94 1.53 0.00	32.67 1.72 0.00	31.34 1.99 0.00	36.79 3.03 0.01	46.21 3.27 0.01	46.29 2.90 0.01	40.85 2.50 0.01	34.13 1.67 0.00	26.73 1.19 0.00	25.55 0.97 0.00
ASTORIA___3 23516	23.22 1.08 0.00	23.84 0.98 0.00	22.60 0.95 0.00	22.63 0.98 0.00	23.82 1.05 0.00	28.67 1.27 0.00	32.70 1.96 0.00	40.02 2.85 0.00	26.76 1.76 0.00	24.81 1.58 0.00	28.68 1.84 0.00	22.47 1.40 0.00	25.49 1.46 0.00	26.41 1.48 0.00	30.10 1.68 0.00	32.86 1.91 0.00	31.55 2.20 0.00	37.00 3.24 0.00	46.50 3.55 0.00	46.55 3.15 0.00	41.10 2.74 0.00	34.35 1.88 0.00	26.88 1.34 0.00	25.64 1.07 0.00
ASTORIA___4 23517	23.22 1.08 0.00	23.84 0.98 0.00	22.60 0.94 0.00	22.62 0.97 0.00	23.82 1.05 0.00	28.67 1.28 0.00	32.70 1.96 0.00	40.02 2.85 0.00	26.76 1.76 0.00	24.81 1.58 0.00	28.68 1.84 0.00	22.47 1.40 0.00	25.49 1.46 0.00	26.40 1.48 0.00	30.10 1.68 0.00	32.87 1.91 0.00	31.55 2.20 0.00	37.00 3.24 0.00	46.50 3.55 0.00	46.56 3.16 0.00	41.09 2.73 0.00	34.34 1.88 0.00	26.87 1.34 0.00	25.64 1.07 0.00
ASTORIA___5 23518	23.22 1.08 0.00	23.84 0.98 0.00	22.60 0.95 0.00	22.63 0.98 0.00	23.82 1.05 0.00	28.67 1.27 0.00	32.70 1.96 0.00	40.02 2.85 0.00	26.76 1.76 0.00	24.81 1.58 0.00	28.68 1.84 0.00	22.47 1.40 0.00	25.49 1.46 0.00	26.41 1.48 0.00	30.10 1.68 0.00	32.86 1.91 0.00	31.55 2.20 0.00	37.00 3.24 0.00	46.50 3.55 0.00	46.55 3.15 0.00	41.10 2.74 0.00	34.35 1.88 0.00	26.88 1.34 0.00	25.64 1.07 0.00
AST_ENERGY_2_CC3 323677	23.25 1.10 0.00	23.86 1.00 0.00	22.63 0.97 0.00	22.65 1.00 0.00	23.84 1.08 0.00	28.67 1.28 0.00	32.67 1.92 0.00	39.99 2.81 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.65 1.81 0.00	22.44 1.37 0.00	25.47 1.43 0.00	26.38 1.45 0.00	30.07 1.65 0.00	32.83 1.87 0.00	31.49 2.14 0.00	36.92 3.16 0.00	46.43 3.49 0.00	46.44 3.03 0.00	41.05 2.69 0.00	34.29 1.82 0.00	26.84 1.31 0.00	25.64 1.07 0.00
AST_ENERGY_2_CC4 323678	23.25 1.10 0.00	23.86 1.00 0.00	22.63 0.97 0.00	22.65 1.00 0.00	23.84 1.08 0.00	28.67 1.28 0.00	32.67 1.92 0.00	39.99 2.81 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.65 1.81 0.00	22.44 1.37 0.00	25.47 1.43 0.00	26.38 1.45 0.00	30.07 1.65 0.00	32.83 1.87 0.00	31.49 2.14 0.00	36.92 3.16 0.00	46.43 3.49 0.00	46.44 3.03 0.00	41.05 2.69 0.00	34.29 1.82 0.00	26.84 1.31 0.00	25.64 1.07 0.00

ATHENS_STG_1 23668	22.73 0.59 0.00	23.37 0.51 0.00	22.16 0.51 0.00	22.18 0.53 0.00	23.35 0.59 0.00	28.11 0.71 0.00	31.78 1.04 0.00	38.74 1.56 0.00	25.93 0.92 0.00	24.01 0.77 0.00	27.76 0.92 0.00	21.73 0.66 0.00	24.76 0.72 0.00	25.67 0.74 0.00	29.32 0.90 0.00	31.97 1.02 0.00	30.59 1.24 0.00	35.53 1.76 0.00	44.85 1.90 0.00	45.07 1.66 0.00	39.83 1.47 0.00	33.45 0.98 0.00	26.26 0.72 0.00	25.19 0.62 0.00
ATHENS_STG_2 23670	22.73 0.59 0.00	23.37 0.51 0.00	22.16 0.51 0.00	22.18 0.53 0.00	23.35 0.59 0.00	28.11 0.71 0.00	31.78 1.04 0.00	38.74 1.56 0.00	25.93 0.92 0.00	24.01 0.77 0.00	27.76 0.92 0.00	21.73 0.66 0.00	24.76 0.72 0.00	25.67 0.74 0.00	29.32 0.90 0.00	31.97 1.02 0.00	30.59 1.24 0.00	35.53 1.76 0.00	44.85 1.90 0.00	45.07 1.66 0.00	39.83 1.47 0.00	33.45 0.98 0.00	26.26 0.72 0.00	25.19 0.62 0.00
ATHENS_STG_3 23677	22.73 0.59 0.00	23.37 0.51 0.00	22.16 0.51 0.00	22.18 0.53 0.00	23.35 0.59 0.00	28.11 0.71 0.00	31.78 1.04 0.00	38.74 1.56 0.00	25.93 0.92 0.00	24.01 0.77 0.00	27.76 0.92 0.00	21.73 0.66 0.00	24.76 0.72 0.00	25.67 0.74 0.00	29.32 0.90 0.00	31.97 1.02 0.00	30.59 1.24 0.00	35.53 1.76 0.00	44.85 1.90 0.00	45.07 1.66 0.00	39.83 1.47 0.00	33.45 0.98 0.00	26.26 0.72 0.00	25.19 0.62 0.00
AUBURN___LFGE 323710	22.34 0.20 0.00	22.98 0.11 0.00	21.78 0.12 0.00	21.75 0.11 0.00	22.92 0.15 0.00	27.71 0.31 0.00	31.07 0.33 0.00	37.67 0.49 0.00	25.35 0.35 0.00	23.45 0.22 0.00	26.98 0.13 0.00	21.16 0.09 0.00	24.22 0.18 0.00	25.17 0.24 0.00	28.75 0.33 0.00	31.25 0.29 0.00	30.11 0.76 0.00	34.88 1.12 0.00	43.92 0.97 0.00	44.32 0.92 0.00	38.95 0.58 0.00	33.05 0.58 0.00	26.13 0.60 0.00	25.08 0.51 0.00
BABYLON_RES_REC 323704	23.61 1.46 0.00	24.17 1.31 0.00	22.83 1.18 0.00	22.84 1.19 0.00	24.07 1.31 0.00	28.89 1.49 0.00	33.24 2.50 0.00	40.67 3.49 0.00	26.94 1.94 0.00	24.96 1.72 0.00	28.92 2.08 0.00	22.62 1.56 0.00	25.67 1.63 0.00	26.68 1.76 0.00	30.26 1.84 0.00	33.08 2.13 0.00	31.97 2.62 0.00	37.14 3.38 0.00	46.53 3.58 0.00	46.73 3.32 0.00	41.37 3.01 0.00	34.81 2.34 0.00	27.31 1.77 0.00	26.06 1.49 0.00
BABYLON__69_KV_BK2 356345	23.83 1.69 0.00	24.41 1.55 0.00	23.05 1.40 0.00	23.06 1.41 0.00	24.30 1.53 0.00	29.16 1.76 0.00	33.60 2.86 0.00	41.11 3.93 0.00	27.20 2.19 0.00	25.18 1.95 0.00	29.18 2.34 0.00	22.85 1.78 0.00	25.93 1.89 0.00	26.96 2.03 0.00	30.72 2.30 0.00	33.67 2.71 0.00	32.60 3.26 0.00	38.04 4.27 0.00	47.61 4.67 0.00	47.70 4.29 0.00	42.12 3.76 0.00	35.24 2.77 0.00	27.64 2.10 0.00	26.34 1.77 0.00
BALL_HILL_WT_PWR 323825	20.85 -1.29 0.00	21.73 -1.14 0.00	20.40 -1.25 0.00	20.26 -1.39 0.00	21.35 -1.42 0.00	25.90 -1.49 0.00	28.82 -1.93 0.00	34.57 -2.61 0.00	23.35 -1.65 0.00	21.68 -1.55 0.00	25.06 -1.78 0.00	19.55 -1.51 0.00	20.12 -1.41 2.51	19.84 -1.54 3.55	22.88 -1.54 4.01	24.35 -1.71 4.89	25.47 -1.06 2.81	31.26 -1.32 1.18	35.92 -2.37 4.66	36.77 -2.35 4.29	32.67 -2.28 3.41	18.99 -1.38 12.09	16.62 -0.75 8.16	20.69 -0.51 3.37
BARON_WINDS___WT_PWR 323822	21.54 -0.60 0.00	22.14 -0.72 0.00	20.93 -0.73 0.00	20.52 -1.13 0.00	21.61 -1.16 0.00	26.22 -1.17 0.00	29.47 -1.28 0.00	35.79 -1.38 0.00	24.02 -0.98 0.00	22.14 -1.09 0.00	25.57 -1.27 0.00	19.97 -1.09 0.00	24.56 -1.29 -1.81	26.07 -1.42 -2.56	29.67 -1.53 -2.78	32.79 -1.56 -3.40	30.49 -0.81 -1.95	34.29 -0.30 -0.82	45.47 -0.71 -3.23	45.45 -0.93 -2.97	39.75 -0.96 -2.35	40.07 -0.71 -8.31	30.87 -0.28 -5.61	26.66 -0.22 -2.31
BARRETT_IC_1 23704	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BARRETT_IC_10 23701	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BARRETT_IC_11 23702	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BARRETT_IC_12 23703	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BARRETT_IC_2 23705	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BARRETT_IC_3 23706	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BARRETT_IC_4 23707	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00

BARRETT_IC_5 23708	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BARRETT_IC_6 23709	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BARRETT_IC_7 23710	23.39 1.24 0.00	23.97 1.11 0.00	22.65 1.00 0.00	22.66 1.01 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.74 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.49 0.00	26.49 1.57 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.23 3.46 -0.01	46.66 3.72 0.00	46.74 3.33 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.25 0.00
BARRETT_IC_8 23711	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BARRETT_IC_9 23700	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BARRETT___1 23545	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BARRETT___2 23546	23.39 1.24 0.00	23.97 1.11 0.00	22.66 1.00 0.00	22.66 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.93 2.19 0.00	40.26 3.09 0.00	26.74 1.73 0.00	24.78 1.55 0.00	28.72 1.88 0.00	22.48 1.41 0.00	25.53 1.50 0.00	26.49 1.56 0.00	30.21 1.79 0.00	33.04 2.09 0.00	31.86 2.51 0.00	37.22 3.45 -0.01	46.66 3.72 0.00	46.72 3.32 0.00	41.25 2.89 0.00	34.42 1.95 0.00	27.01 1.48 0.00	25.83 1.26 0.00
BATAVIA___115KV_TB1 55881	21.26 -0.89 0.00	22.21 -0.66 0.00	20.90 -0.76 0.00	20.79 -0.86 0.00	21.93 -0.84 0.00	26.60 -0.80 0.00	29.54 -1.20 0.00	35.46 -1.72 0.00	23.87 -1.13 0.00	22.17 -1.06 0.00	25.60 -1.24 0.00	19.97 -1.09 0.00	23.16 -0.87 0.00	24.05 -0.88 0.00	27.76 -0.66 0.00	30.29 -0.66 0.00	29.22 -0.13 0.00	33.32 -0.45 0.00	41.63 -1.34 -0.02	42.18 -1.24 -0.01	37.12 -1.25 -0.01	32.26 -0.28 -0.07	25.63 0.02 -0.07	24.73 0.16 0.00
BAYONEEC___CTG1 323682	23.26 1.12 0.00	23.88 1.01 0.00	22.63 0.98 0.00	22.65 1.01 0.00	23.86 1.10 0.00	28.70 1.31 0.00	32.70 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.52 2.18 0.00	36.97 3.21 0.00	46.48 3.54 0.00	46.49 3.09 0.00	41.09 2.73 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.66 1.09 0.00
BAYONEEC___CTG10 323750	23.26 1.12 0.00	23.88 1.01 0.00	22.63 0.98 0.00	22.65 1.01 0.00	23.86 1.10 0.00	28.70 1.31 0.00	32.70 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.52 2.18 0.00	36.97 3.21 0.00	46.48 3.54 0.00	46.49 3.09 0.00	41.09 2.73 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.66 1.09 0.00
BAYONEEC___CTG2 323683	23.26 1.12 0.00	23.88 1.01 0.00	22.63 0.98 0.00	22.65 1.01 0.00	23.86 1.10 0.00	28.70 1.31 0.00	32.70 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.52 2.18 0.00	36.97 3.21 0.00	46.48 3.54 0.00	46.49 3.09 0.00	41.09 2.73 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.66 1.09 0.00
BAYONEEC___CTG3 323684	23.26 1.12 0.00	23.88 1.01 0.00	22.63 0.98 0.00	22.65 1.01 0.00	23.86 1.10 0.00	28.70 1.31 0.00	32.70 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.52 2.18 0.00	36.97 3.21 0.00	46.48 3.54 0.00	46.49 3.09 0.00	41.09 2.73 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.66 1.09 0.00
BAYONEEC___CTG4 323685	23.26 1.12 0.00	23.88 1.01 0.00	22.63 0.98 0.00	22.65 1.01 0.00	23.86 1.10 0.00	28.70 1.31 0.00	32.70 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.52 2.18 0.00	36.97 3.21 0.00	46.48 3.54 0.00	46.49 3.09 0.00	41.09 2.73 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.66 1.09 0.00
BAYONEEC___CTG5 323686	23.26 1.12 0.00	23.88 1.01 0.00	22.63 0.98 0.00	22.65 1.01 0.00	23.86 1.10 0.00	28.70 1.31 0.00	32.70 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.52 2.18 0.00	36.97 3.21 0.00	46.48 3.54 0.00	46.49 3.09 0.00	41.09 2.73 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.66 1.09 0.00
BAYONEEC___CTG6 323687	23.26 1.12 0.00	23.88 1.01 0.00	22.63 0.98 0.00	22.65 1.01 0.00	23.86 1.10 0.00	28.70 1.31 0.00	32.70 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.52 2.18 0.00	36.97 3.21 0.00	46.48 3.54 0.00	46.49 3.09 0.00	41.09 2.73 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.66 1.09 0.00

BAYONEEC___CTG7 323688	23.26 1.12 0.00	23.88 1.01 0.00	22.63 0.98 0.00	22.65 1.01 0.00	23.86 1.10 0.00	28.70 1.31 0.00	32.70 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.52 2.18 0.00	36.97 3.21 0.00	46.48 3.54 0.00	46.49 3.09 0.00	41.09 2.73 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.66 1.09 0.00
BAYONEEC___CTG8 323689	23.26 1.12 0.00	23.88 1.01 0.00	22.63 0.98 0.00	22.65 1.01 0.00	23.86 1.10 0.00	28.70 1.31 0.00	32.70 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.52 2.18 0.00	36.97 3.21 0.00	46.48 3.54 0.00	46.49 3.09 0.00	41.09 2.73 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.66 1.09 0.00
BAYONEEC___CTG9 323749	23.26 1.12 0.00	23.88 1.01 0.00	22.63 0.98 0.00	22.65 1.01 0.00	23.86 1.10 0.00	28.70 1.31 0.00	32.70 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.52 2.18 0.00	36.97 3.21 0.00	46.48 3.54 0.00	46.49 3.09 0.00	41.09 2.73 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.66 1.09 0.00
BEACON___LESR 323632	22.78 0.64 0.00	23.39 0.52 0.00	22.21 0.56 0.00	22.24 0.59 0.00	23.42 0.66 0.00	28.15 0.75 0.00	31.80 1.05 0.00	38.73 1.56 0.00	25.92 0.92 0.00	23.94 0.71 0.00	27.72 0.88 0.00	21.68 0.61 0.00	24.72 0.69 0.00	25.66 0.74 0.00	29.46 1.04 0.00	32.13 1.18 0.00	30.79 1.44 0.00	35.75 1.99 0.00	45.12 2.17 0.00	45.36 1.95 0.00	40.02 1.66 0.00	33.58 1.11 0.00	26.38 0.85 0.00	25.27 0.69 0.00
BEAVER RIVER___HYD 24048	21.39 -0.75 0.00	22.34 -0.52 0.00	21.20 -0.46 0.00	21.18 -0.47 0.00	22.14 -0.63 0.00	26.83 -0.56 0.00	29.67 -1.08 0.00	35.96 -1.22 0.00	24.35 -0.65 0.00	22.58 -0.66 0.00	25.94 -0.90 0.00	20.72 -0.76 -0.41	25.77 -0.91 -2.64	26.92 -0.70 -2.69	29.63 -1.21 -2.42	32.85 -1.14 -3.03	31.08 -0.97 -2.70	35.58 -1.21 -3.03	45.33 -1.30 -3.69	46.49 -0.66 -3.74	38.58 -0.94 -1.16	31.66 -0.81 0.00	26.99 -0.37 -1.82	24.24 -0.33 0.00
BEEBEE_GT_13 23619	21.25 -0.89 0.00	22.11 -0.76 0.00	20.85 -0.80 0.00	20.77 -0.88 0.00	21.89 -0.87 0.00	26.47 -0.93 0.00	29.51 -1.24 0.00	35.53 -1.65 0.00	23.91 -1.09 0.00	22.26 -0.98 0.00	25.70 -1.14 0.00	20.18 -0.89 0.00	23.21 -0.82 0.00	24.07 -0.85 0.00	27.52 -0.90 0.00	29.99 -0.96 0.00	28.79 -0.56 0.00	33.02 -0.74 0.00	41.43 -1.52 0.00	41.88 -1.52 0.00	36.63 -1.73 0.00	31.21 -1.25 0.00	24.73 -0.81 0.00	23.90 -0.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.42 1.27 0.00	24.03 1.17 0.00	22.77 1.11 0.00	22.78 1.13 0.00	24.00 1.23 0.00	28.90 1.50 0.00	32.97 2.22 0.00	40.32 3.14 0.00	26.97 1.97 0.00	24.99 1.76 0.00	28.89 2.05 0.00	22.64 1.57 0.00	25.68 1.64 0.00	26.61 1.68 0.00	30.32 1.90 0.00	33.13 2.17 0.00	31.84 2.49 0.00	37.39 3.63 0.00	46.98 4.03 0.00	47.02 3.62 0.00	41.51 3.15 0.00	34.69 2.22 0.00	27.11 1.58 0.00	25.86 1.29 0.00
BETHLEHEM___GRP 23843	22.35 0.20 0.00	22.94 0.07 0.00	21.83 0.18 0.00	21.87 0.23 0.00	22.96 0.19 0.00	27.52 0.12 0.00	31.05 0.30 0.00	37.85 0.68 0.00	25.35 0.35 0.00	23.47 0.24 0.00	27.17 0.33 0.00	21.32 0.25 0.00	24.29 0.25 0.00	25.20 0.27 0.00	28.82 0.40 0.00	31.44 0.49 0.00	30.09 0.74 0.00	34.83 1.07 0.00	43.95 1.01 0.00	44.20 0.80 0.00	39.07 0.71 0.00	32.83 0.36 0.00	25.82 0.28 0.00	24.79 0.22 0.00
BETHLEHEM___GS1 323560	22.34 0.20 0.00	22.93 0.07 0.00	21.83 0.17 0.00	21.87 0.22 0.00	22.96 0.19 0.00	27.51 0.11 0.00	31.05 0.30 0.00	37.85 0.67 0.00	25.35 0.35 0.00	23.47 0.24 0.00	27.17 0.33 0.00	21.32 0.25 0.00	24.29 0.25 0.00	25.20 0.27 0.00	28.82 0.40 0.00	31.44 0.49 0.00	30.09 0.74 0.00	34.83 1.07 0.00	43.95 1.01 0.00	44.22 0.81 0.00	39.07 0.70 0.00	32.84 0.37 0.00	25.82 0.29 0.00	24.80 0.22 0.00
BETHLEHEM___GS2 323561	22.34 0.20 0.00	22.93 0.07 0.00	21.83 0.17 0.00	21.87 0.22 0.00	22.96 0.19 0.00	27.51 0.11 0.00	31.05 0.30 0.00	37.85 0.67 0.00	25.35 0.35 0.00	23.47 0.24 0.00	27.17 0.33 0.00	21.32 0.25 0.00	24.29 0.25 0.00	25.20 0.27 0.00	28.82 0.40 0.00	31.44 0.49 0.00	30.09 0.74 0.00	34.83 1.07 0.00	43.95 1.01 0.00	44.22 0.81 0.00	39.07 0.70 0.00	32.84 0.37 0.00	25.82 0.29 0.00	24.80 0.22 0.00
BETHLEHEM___GS3 323562	22.34 0.20 0.00	22.93 0.07 0.00	21.83 0.17 0.00	21.87 0.22 0.00	22.96 0.19 0.00	27.51 0.11 0.00	31.05 0.30 0.00	37.85 0.67 0.00	25.35 0.35 0.00	23.47 0.24 0.00	27.17 0.33 0.00	21.32 0.25 0.00	24.29 0.25 0.00	25.20 0.27 0.00	28.82 0.40 0.00	31.44 0.49 0.00	30.09 0.74 0.00	34.83 1.07 0.00	43.95 1.01 0.00	44.22 0.81 0.00	39.07 0.70 0.00	32.84 0.37 0.00	25.82 0.29 0.00	24.80 0.22 0.00
BETHLEHEM___STEEL 23779	20.82 -1.32 0.00	21.76 -1.11 0.00	20.44 -1.22 0.00	20.29 -1.36 0.00	21.38 -1.38 0.00	25.91 -1.48 0.00	28.72 -2.03 0.00	34.29 -2.88 0.00	23.15 -1.86 0.00	21.58 -1.65 0.00	25.04 -1.81 0.00	19.57 -1.50 0.00	22.70 -1.34 0.00	23.48 -1.45 0.00	27.00 -1.42 0.00	29.36 -1.59 0.00	28.35 -1.00 0.00	32.33 -1.44 0.00	40.32 -2.64 -0.01	40.88 -2.54 -0.01	35.95 -2.42 -0.01	31.06 -1.44 -0.04	24.80 -0.77 -0.03	24.05 -0.52 0.00
BETHLHEM_115KV_TB1 79974	22.40 0.25 0.00	23.00 0.14 0.00	21.88 0.22 0.00	21.92 0.27 0.00	23.01 0.24 0.00	27.60 0.20 0.00	31.14 0.39 0.00	37.94 0.76 0.00	25.42 0.42 0.00	23.54 0.30 0.00	27.25 0.40 0.00	21.36 0.29 0.00	24.35 0.31 0.00	25.26 0.34 0.00	28.89 0.47 0.00	31.52 0.57 0.00	30.15 0.80 0.00	34.91 1.15 0.00	44.06 1.11 0.00	44.31 0.91 0.00	39.16 0.80 0.00	32.91 0.45 0.00	25.89 0.35 0.00	24.85 0.28 0.00
BETHPAGE_CC_5 323564	23.53 1.39 0.00	24.11 1.24 0.00	22.78 1.12 0.00	22.79 1.14 0.00	24.02 1.25 0.00	28.84 1.45 0.00	33.12 2.38 0.00	40.49 3.31 0.00	26.85 1.85 0.00	24.90 1.67 0.00	28.85 2.01 0.00	22.54 1.47 0.00	25.59 1.55 0.00	26.55 1.63 0.00	30.25 1.83 0.00	33.04 2.09 0.00	31.91 2.56 0.00	37.23 3.46 0.00	46.65 3.71 0.00	46.73 3.33 0.00	41.28 2.92 0.00	34.53 2.06 0.00	27.10 1.56 0.00	25.91 1.34 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.96 -1.18 0.00	21.89 -0.98 0.00	20.55 -1.11 0.00	20.40 -1.25 0.00	21.50 -1.27 0.00	26.07 -1.33 0.00	28.91 -1.84 0.00	34.59 -2.59 0.00	23.34 -1.66 0.00	21.76 -1.47 0.00	25.22 -1.62 0.00	19.71 -1.36 0.00	22.87 -1.17 0.00	23.65 -1.28 0.00	27.19 -1.23 0.00	29.56 -1.39 0.00	28.57 -0.78 0.00	32.58 -1.18 0.00	40.65 -2.31 -0.01	41.20 -2.21 -0.01	36.25 -2.12 -0.01	31.29 -1.21 -0.04	24.99 -0.58 -0.03	24.21 -0.36 0.00

BINGHAMTON___COGEN 23790	22.11 -0.03 0.00	22.81 -0.06 0.00	21.57 -0.08 0.00	21.50 -0.15 0.00	22.64 -0.12 0.00	27.33 -0.07 0.00	30.75 0.00 0.00	37.33 0.16 0.00	25.04 0.03 0.00	23.20 -0.03 0.00	26.79 -0.05 0.00	20.98 -0.09 0.00	23.96 -0.08 0.00	24.84 -0.08 0.00	28.33 -0.09 0.00	30.89 -0.06 0.00	29.63 0.28 0.00	34.38 0.61 0.00	43.39 0.45 0.00	43.74 0.33 0.00	38.56 0.19 0.00	32.58 0.12 0.00	25.67 0.14 0.00	24.68 0.11 0.00
BIXINCNT_115KV_LOAD 355685	21.31 -0.84 0.00	22.08 -0.78 0.00	20.34 -1.32 0.00	20.24 -1.41 0.00	21.32 -1.45 0.00	25.95 -1.44 0.00	29.03 -1.72 0.00	35.10 -2.08 0.00	23.72 -1.28 0.00	22.15 -1.08 0.00	25.49 -1.35 0.00	19.83 -1.24 0.00	22.97 -1.07 0.00	23.59 -1.33 0.00	27.22 -1.20 0.00	29.63 -1.33 0.00	28.89 -0.46 0.00	33.18 -0.59 0.00	41.40 -1.55 -0.01	41.86 -1.56 -0.01	36.90 -1.47 -0.01	31.78 -0.72 -0.03	25.58 0.01 -0.03	24.79 0.22 0.00
BLACK RIVER___HYD 24047	21.19 -0.95 0.00	22.11 -0.75 0.00	21.01 -0.65 0.00	20.97 -0.68 0.00	21.97 -0.80 0.00	26.67 -0.73 0.00	29.55 -1.19 0.00	35.85 -1.33 0.00	24.27 -0.73 0.00	22.45 -0.79 0.00	25.72 -1.12 0.00	20.39 -0.97 -0.29	24.74 -1.14 -1.84	25.90 -0.91 -1.88	28.56 -1.55 -1.69	31.81 -1.27 -2.12	30.22 -1.02 -1.89	34.76 -1.13 -2.12	44.20 -1.32 -2.58	45.22 -0.80 -2.62	38.05 -1.12 -0.81	31.50 -0.97 0.00	26.35 -0.46 -1.28	24.15 -0.42 0.00
BLACKRVR_115KV_TB2 79977	21.19 -0.95 0.00	22.11 -0.75 0.00	21.01 -0.65 0.00	20.97 -0.68 0.00	21.97 -0.80 0.00	26.67 -0.73 0.00	29.55 -1.19 0.00	35.85 -1.33 0.00	24.27 -0.73 0.00	22.44 -0.79 0.00	25.72 -1.12 0.00	20.39 -0.97 -0.29	24.74 -1.14 -1.84	25.90 -0.91 -1.88	28.56 -1.55 -1.69	31.81 -1.27 -2.12	30.22 -1.02 -1.89	34.73 -1.16 -2.12	44.20 -1.32 -2.58	45.22 -0.80 -2.62	38.05 -1.12 -0.81	31.50 -0.97 0.00	26.35 -0.46 -1.28	24.15 -0.42 0.00
BLISS_WT_PWR 323608	21.24 -0.91 0.00	21.97 -0.89 0.00	20.12 -1.53 0.00	20.04 -1.61 0.00	21.09 -1.67 0.00	25.73 -1.67 0.00	28.82 -1.92 0.00	34.90 -2.28 0.00	23.62 -1.39 0.00	22.05 -1.18 0.00	25.33 -1.51 0.00	19.67 -1.40 0.00	20.07 -1.25 2.72	19.51 -1.57 3.85	22.68 -1.41 4.33	24.16 -1.51 5.29	25.73 -0.58 3.04	31.73 -0.75 1.28	36.22 -1.69 5.03	37.09 -1.69 4.63	33.07 -1.60 3.69	18.57 -0.85 13.05	16.69 -0.04 8.81	21.11 0.18 3.64
BLUESTONE___WT_PWR 323821	22.46 0.32 0.00	23.33 0.47 0.00	21.88 0.23 0.00	21.52 -0.13 0.00	22.80 0.03 0.00	27.92 0.53 0.00	32.01 1.27 0.00	38.97 1.79 0.00	25.92 0.92 0.00	24.36 1.13 0.00	27.74 0.90 0.00	21.41 0.34 0.00	24.78 0.18 -0.56	25.86 0.14 -0.79	29.47 0.19 -0.85	32.47 0.47 -1.04	30.77 0.82 -0.60	35.34 1.33 -0.25	46.12 2.20 -0.98	46.72 2.41 -0.90	40.30 1.22 -0.72	35.74 0.74 -2.53	27.39 0.15 -1.71	25.54 0.26 -0.70
BLUE_CIRC_CHEM_DRP 24182	22.65 0.51 0.00	23.29 0.43 0.00	22.12 0.46 0.00	22.16 0.51 0.00	23.29 0.52 0.00	27.95 0.56 0.00	31.50 0.76 0.00	38.35 1.17 0.00	25.67 0.67 0.00	23.76 0.53 0.00	27.49 0.65 0.00	21.55 0.48 0.00	24.59 0.55 0.00	25.51 0.59 0.00	29.21 0.80 0.00	31.87 0.92 0.00	30.46 1.12 0.00	35.23 1.47 0.00	44.50 1.55 0.00	44.79 1.38 0.00	39.57 1.22 0.00	33.32 0.85 0.00	26.19 0.66 0.00	25.17 0.60 0.00
BOC_GAS_DRP 24189	22.51 0.36 0.00	23.15 0.29 0.00	21.97 0.32 0.00	22.00 0.35 0.00	23.13 0.37 0.00	27.80 0.40 0.00	31.36 0.61 0.00	38.18 1.01 0.00	25.58 0.58 0.00	23.69 0.46 0.00	27.42 0.58 0.00	21.47 0.40 0.00	24.49 0.45 0.00	25.40 0.47 0.00	29.04 0.61 0.00	31.66 0.70 0.00	30.25 0.91 0.00	35.03 1.26 0.00	44.24 1.30 0.00	44.52 1.12 0.00	39.35 0.99 0.00	33.09 0.62 0.00	26.01 0.47 0.00	24.97 0.40 0.00
BOONVILLE_115KV_TB1 79983	22.16 0.01 0.00	22.99 0.12 0.00	21.78 0.12 0.00	21.78 0.13 0.00	22.86 0.10 0.00	27.66 0.26 0.00	30.93 0.19 0.00	37.51 0.34 0.00	25.28 0.28 0.00	23.42 0.19 0.00	27.04 0.20 0.00	21.37 0.14 -0.16	25.17 0.10 -1.03	26.19 0.21 -1.06	29.47 0.10 -0.95	32.31 0.17 -1.19	30.81 0.40 -1.06	35.50 0.54 -1.21	45.03 0.63 -1.45	45.81 0.94 -1.47	39.38 0.57 -0.45	32.84 0.37 0.00	26.66 0.41 -0.71	24.91 0.34 0.00
BORALEX_4TH_BRANCH 23824	23.10 0.96 0.00	23.71 0.85 0.00	22.46 0.80 0.00	22.53 0.88 0.00	23.76 0.99 0.00	28.51 1.11 0.00	32.25 1.50 0.00	39.40 2.23 0.00	26.24 1.24 0.00	24.16 0.92 0.00	27.88 1.04 0.00	21.68 0.61 0.00	24.89 0.85 0.00	25.85 0.92 0.00	29.76 1.34 0.00	32.48 1.53 0.00	31.01 1.66 0.00	36.05 2.29 0.00	45.35 2.41 0.00	45.48 2.08 0.00	40.43 2.07 0.00	33.84 1.37 0.00	26.59 1.05 0.00	25.53 0.96 0.00
BOWLINE___1 23526	23.09 0.95 0.00	23.73 0.87 0.00	22.48 0.83 0.00	22.50 0.85 0.00	23.71 0.94 0.00	28.58 1.18 0.00	32.50 1.76 0.00	39.67 2.50 0.00	26.53 1.53 0.00	24.54 1.31 0.00	28.36 1.52 0.00	22.19 1.12 0.00	25.21 1.17 0.00	26.09 1.16 0.00	29.73 1.31 0.00	32.44 1.48 0.00	31.16 1.82 0.00	36.52 2.76 0.00	45.94 2.99 0.00	46.04 2.63 0.00	40.66 2.30 0.00	34.01 1.54 0.00	26.64 1.10 0.00	25.50 0.92 0.00
BOWLINE___2 23595	23.09 0.95 0.00	23.73 0.87 0.00	22.48 0.83 0.00	22.50 0.86 0.00	23.71 0.94 0.00	28.58 1.18 0.00	32.50 1.76 0.00	39.67 2.50 0.00	26.53 1.53 0.00	24.54 1.31 0.00	28.36 1.52 0.00	22.19 1.12 0.00	25.21 1.17 0.00	26.09 1.16 0.00	29.73 1.31 0.00	32.44 1.48 0.00	31.16 1.82 0.00	36.52 2.76 0.00	45.94 2.99 0.00	46.04 2.63 0.00	40.66 2.30 0.00	34.01 1.54 0.00	26.64 1.11 0.00	25.50 0.93 0.00
BRADY___115KV_TB2 356060	22.67 0.53 0.00	23.59 0.73 0.00	22.32 0.67 0.00	22.29 0.65 0.00	23.34 0.57 0.00	27.98 0.58 0.00	31.11 0.36 0.00	37.38 0.20 0.00	25.27 0.27 0.00	23.65 0.42 0.00	27.37 0.53 0.00	21.95 0.40 -0.48	27.66 0.50 -3.12	28.63 0.52 -3.18	31.71 0.42 -2.86	35.00 0.46 -3.59	32.40 -0.16 -3.20	35.95 -1.21 -3.40	47.06 -0.26 -4.37	48.02 0.18 -4.43	40.09 0.36 -1.37	33.02 0.55 0.00	28.08 0.39 -2.16	25.08 0.51 0.00
BRANSCOMB___SOLAR 323811	22.76 0.62 0.00	23.40 0.54 0.00	22.19 0.54 0.00	22.25 0.60 0.00	23.46 0.69 0.00	28.31 0.91 0.00	32.02 1.28 0.00	39.09 1.91 0.00	26.06 1.06 0.00	24.04 0.81 0.00	27.81 0.98 0.00	21.73 0.66 0.00	24.87 0.84 0.00	25.83 0.90 0.00	29.70 1.28 0.00	32.41 1.46 0.00	31.06 1.72 0.00	35.97 2.20 0.00	45.30 2.35 0.00	45.46 2.06 0.00	40.20 1.84 0.00	33.72 1.25 0.00	26.45 0.92 0.00	25.39 0.82 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.74 1.59 0.00	24.32 1.46 0.00	22.95 1.30 0.00	22.96 1.31 0.00	24.21 1.44 0.00	29.03 1.63 0.00	33.45 2.71 0.00	40.90 3.72 0.00	27.05 2.05 0.00	25.07 1.84 0.00	29.07 2.23 0.00	22.77 1.70 0.00	25.85 1.81 0.00	26.89 1.96 0.00	30.65 2.23 0.00	33.61 2.65 0.00	32.54 3.19 0.00	37.92 4.16 0.00	47.45 4.50 0.00	47.52 4.11 0.00	41.94 3.58 0.00	35.03 2.56 0.00	27.51 1.97 0.00	26.23 1.66 0.00

BRISTLHL_115KV_TB1 79998	21.54 -0.60 0.00	22.24 -0.62 0.00	21.05 -0.60 0.00	21.03 -0.62 0.00	22.14 -0.63 0.00	26.63 -0.76 0.00	29.85 -0.90 0.00	36.13 -1.05 0.00	24.28 -0.72 0.00	22.54 -0.69 0.00	26.00 -0.84 0.00	20.46 -0.61 0.00	23.36 -0.67 0.00	24.23 -0.69 0.00	27.57 -0.85 0.00	30.06 -0.89 0.00	28.70 -0.64 0.00	33.20 -0.56 0.00	41.95 -0.99 0.00	42.33 -1.07 0.00	37.33 -1.04 0.00	31.62 -0.85 0.00	24.91 -0.63 0.00	23.94 -0.63 0.00
BROOKHAVEN___DRP 24191	23.56 1.42 0.00	24.17 1.31 0.00	22.83 1.18 0.00	22.84 1.19 0.00	24.06 1.30 0.00	28.69 1.29 0.00	33.19 2.45 0.00	40.73 3.56 0.00	26.77 1.77 0.00	24.68 1.45 0.00	28.63 1.80 0.00	22.45 1.38 0.00	25.47 1.43 0.00	26.49 1.56 0.00	30.29 1.87 0.00	33.13 2.17 0.00	32.11 2.76 0.00	37.46 3.70 0.00	46.89 3.95 0.00	46.92 3.51 0.00	41.40 3.04 0.00	34.67 2.20 0.00	27.23 1.70 0.00	25.92 1.34 0.00
BROOKLYN_NAVY_YARD 23515	23.26 1.12 0.00	23.87 1.01 0.00	22.63 0.97 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.68 1.29 0.00	32.69 1.95 0.00	40.01 2.84 0.00	26.77 1.76 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.86 1.91 0.00	31.53 2.19 0.00	36.98 3.22 0.00	46.50 3.55 0.00	46.53 3.12 0.00	41.10 2.74 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.64 1.07 0.00
BROOKLYN___ARMY_DRP 323595	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
BROOKVLE_69_KV_TB1 55790	23.49 1.35 0.00	24.09 1.22 0.00	22.79 1.13 0.00	22.80 1.15 0.00	24.03 1.26 0.00	28.91 1.52 0.00	33.08 2.33 0.00	40.44 3.27 0.00	26.90 1.89 0.00	24.96 1.73 0.00	28.90 2.06 0.00	22.62 1.55 0.00	25.69 1.65 0.00	26.64 1.71 0.00	30.39 1.97 0.00	33.20 2.25 0.00	31.95 2.60 0.00	37.35 3.59 0.00	46.87 3.92 0.00	46.94 3.53 0.00	41.44 3.08 0.00	34.67 2.20 0.00	27.16 1.63 0.00	25.96 1.38 0.00
BROOME_2_LFGE 323671	22.12 -0.03 0.00	22.80 -0.06 0.00	21.57 -0.08 0.00	21.50 -0.15 0.00	22.64 -0.12 0.00	27.33 -0.07 0.00	30.75 0.00 0.00	37.33 0.16 0.00	25.04 0.03 0.00	23.20 -0.03 0.00	26.78 -0.06 0.00	20.98 -0.09 0.00	24.72 -0.08 -0.76	25.91 -0.09 -1.08	29.49 -0.09 -1.16	32.31 -0.06 -1.42	30.44 0.28 -0.82	34.70 0.60 -0.34	44.74 0.45 -1.34	44.98 0.34 -1.24	39.53 0.19 -0.98	36.03 0.11 -3.45	28.00 0.13 -2.33	25.64 0.10 -0.96
BROOME___LFGE 323600	22.12 -0.03 0.00	22.80 -0.06 0.00	21.57 -0.08 0.00	21.50 -0.15 0.00	22.64 -0.12 0.00	27.33 -0.07 0.00	30.75 0.00 0.00	37.33 0.16 0.00	25.04 0.03 0.00	23.20 -0.03 0.00	26.78 -0.06 0.00	20.98 -0.09 0.00	24.72 -0.08 -0.76	25.91 -0.09 -1.08	29.49 -0.09 -1.16	32.31 -0.06 -1.42	30.44 0.28 -0.82	34.70 0.60 -0.34	44.74 0.45 -1.34	44.98 0.34 -1.24	39.53 0.19 -0.98	36.03 0.11 -3.45	28.00 0.13 -2.33	25.64 0.10 -0.96
BROWNFLS_115KV_TB_3_5 80003	21.64 -0.51 0.00	22.58 -0.28 0.00	21.39 -0.27 0.00	21.38 -0.27 0.00	22.33 -0.44 0.00	26.87 -0.52 0.00	29.72 -1.02 0.00	35.89 -1.28 0.00	24.30 -0.71 0.00	22.62 -0.61 0.00	26.11 -0.73 0.00	21.19 -0.61 -0.73	28.03 -0.71 -4.70	29.13 -0.59 -4.80	31.74 -1.00 -4.31	35.35 -1.01 -5.41	32.96 -1.21 -4.82	37.21 -1.94 -5.39	47.83 -1.70 -6.58	48.95 -1.14 -6.68	39.38 -1.04 -2.07	31.77 -0.70 0.00	28.39 -0.40 -3.25	24.29 -0.29 0.00
BROWNSV1_27_KV_LOAD 356125	23.49 1.34 0.00	24.10 1.24 0.00	22.84 1.18 0.00	22.85 1.20 0.00	24.07 1.31 0.00	28.97 1.57 0.00	33.03 2.28 0.00	40.44 3.27 0.00	27.05 2.05 0.00	25.07 1.83 0.00	28.99 2.15 0.00	22.70 1.63 0.00	25.77 1.73 0.00	26.68 1.76 0.00	30.43 2.01 0.00	33.21 2.26 0.00	31.89 2.54 0.00	37.40 3.63 0.00	47.01 4.06 0.00	47.07 3.66 0.00	41.56 3.20 0.00	34.73 2.26 0.00	27.17 1.63 0.00	25.94 1.36 0.00
BURROWS___LYONSDAL 23803	21.93 -0.21 0.00	22.81 -0.05 0.00	21.62 -0.04 0.00	21.62 -0.03 0.00	22.65 -0.12 0.00	27.43 0.04 0.00	30.58 -0.16 0.00	37.08 -0.09 0.00	25.02 0.02 0.00	23.19 -0.04 0.00	26.73 -0.11 0.00	21.16 -0.11 -0.21	25.21 -0.18 -1.35	26.27 -0.03 -1.38	29.40 -0.26 -1.24	32.29 -0.22 -1.55	30.77 0.04 -1.38	35.41 0.08 -1.56	44.95 0.12 -1.89	45.87 0.55 -1.92	39.12 0.16 -0.59	32.51 0.04 0.00	26.67 0.20 -0.93	24.73 0.16 0.00
CAITHNESS_CC_1 323624	23.55 1.41 0.00	24.15 1.29 0.00	22.81 1.16 0.00	22.82 1.18 0.00	24.04 1.28 0.00	28.69 1.29 0.00	33.17 2.43 0.00	40.66 3.49 0.00	26.77 1.77 0.00	24.72 1.49 0.00	28.68 1.84 0.00	22.48 1.41 0.00	25.51 1.47 0.00	26.52 1.60 0.00	30.30 1.88 0.00	33.16 2.21 0.00	32.12 2.77 0.00	37.45 3.69 0.00	46.89 3.94 0.00	46.90 3.50 0.00	41.40 3.04 0.00	34.65 2.18 0.00	27.23 1.69 0.00	25.94 1.37 0.00
CALPINE BETH_PAGE_GT4 24209	23.49 1.34 0.00	24.06 1.20 0.00	22.73 1.08 0.00	22.75 1.10 0.00	23.97 1.21 0.00	28.80 1.40 0.00	33.06 2.31 0.00	40.38 3.20 0.00	26.80 1.79 0.00	24.84 1.61 0.00	28.78 1.94 0.00	22.51 1.45 0.00	25.55 1.51 0.00	26.52 1.60 0.00	30.22 1.80 0.00	32.97 2.02 0.00	31.85 2.50 0.00	37.18 3.41 0.00	46.58 3.63 0.00	46.66 3.26 0.00	41.20 2.84 0.00	34.43 1.96 0.00	27.02 1.48 0.00	25.88 1.31 0.00
CALPINE_BETH_PAGE_GT_4 323586	23.49 1.34 0.00	24.06 1.20 0.00	22.73 1.08 0.00	22.75 1.10 0.00	23.97 1.21 0.00	28.79 1.39 0.00	33.06 2.31 0.00	40.38 3.20 0.00	26.80 1.79 0.00	24.84 1.61 0.00	28.78 1.94 0.00	22.51 1.45 0.00	25.55 1.51 0.00	26.52 1.59 0.00	30.22 1.80 0.00	32.97 2.02 0.00	31.85 2.50 0.00	37.17 3.40 0.00	46.57 3.63 0.00	46.65 3.24 0.00	41.19 2.84 0.00	34.43 1.96 0.00	27.02 1.48 0.00	25.88 1.31 0.00
CALPINE_BP_GT1 23823	23.49 1.34 0.00	24.06 1.20 0.00	22.73 1.08 0.00	22.75 1.10 0.00	23.97 1.21 0.00	28.79 1.39 0.00	33.06 2.31 0.00	40.38 3.20 0.00	26.80 1.79 0.00	24.84 1.61 0.00	28.78 1.94 0.00	22.51 1.45 0.00	25.55 1.51 0.00	26.52 1.59 0.00	30.22 1.80 0.00	32.97 2.02 0.00	31.85 2.50 0.00	37.17 3.40 0.00	46.57 3.63 0.00	46.65 3.24 0.00	41.19 2.84 0.00	34.43 1.96 0.00	27.02 1.48 0.00	25.88 1.31 0.00
CALSPAN___DRP 24200	20.82 -1.32 0.00	21.76 -1.11 0.00	20.44 -1.22 0.00	20.29 -1.36 0.00	21.38 -1.38 0.00	25.91 -1.48 0.00	28.72 -2.03 0.00	34.29 -2.88 0.00	23.15 -1.86 0.00	21.58 -1.65 0.00	25.04 -1.81 0.00	19.57 -1.50 0.00	22.70 -1.34 0.00	23.48 -1.45 0.00	27.00 -1.42 0.00	29.36 -1.59 0.00	28.35 -1.00 0.00	32.33 -1.44 0.00	40.32 -2.64 -0.01	40.88 -2.54 -0.01	35.95 -2.42 -0.01	31.06 -1.44 -0.04	24.80 -0.77 -0.03	24.05 -0.52 0.00

CALVERTON___SOLAR 323806	23.59 1.45 0.00	24.21 1.35 0.00	22.88 1.22 0.00	22.89 1.24 0.00	24.11 1.34 0.00	28.71 1.31 0.00	33.25 2.51 0.00	40.84 3.66 0.00	26.80 1.80 0.00	24.67 1.44 0.00	28.63 1.79 0.00	22.44 1.37 0.00	25.45 1.41 0.00	26.47 1.54 0.00	30.32 1.90 0.00	33.15 2.19 0.00	32.14 2.80 0.00	37.51 3.74 0.00	46.97 4.03 0.00	46.98 3.58 0.00	41.47 3.11 0.00	34.73 2.26 0.00	27.27 1.73 0.00	25.95 1.38 0.00
CANDIGU_WT_PWR 323617	21.54 -0.60 0.00	22.14 -0.72 0.00	20.93 -0.73 0.00	20.52 -1.13 0.00	21.61 -1.16 0.00	26.22 -1.17 0.00	29.47 -1.28 0.00	35.79 -1.38 0.00	24.02 -0.98 0.00	22.14 -1.09 0.00	25.57 -1.27 0.00	19.97 -1.09 0.00	24.56 -1.29 -1.81	26.07 -1.42 -2.56	29.67 -1.53 -2.78	32.79 -1.56 -3.40	30.49 -0.81 -1.95	34.29 -0.30 -0.82	45.47 -0.71 -3.23	45.45 -0.93 -2.97	39.75 -0.96 -2.35	40.07 -0.71 -8.31	30.87 -0.28 -5.61	26.66 -0.22 -2.31
CARR STREET_E_SYR 24060	21.71 -0.43 0.00	22.41 -0.45 0.00	21.21 -0.44 0.00	21.18 -0.47 0.00	22.30 -0.47 0.00	26.83 -0.57 0.00	30.00 -0.74 0.00	36.32 -0.86 0.00	24.40 -0.60 0.00	22.66 -0.58 0.00	26.15 -0.70 0.00	20.63 -0.44 0.00	23.55 -0.49 0.00	24.41 -0.52 0.00	27.73 -0.69 0.00	30.26 -0.70 0.00	28.92 -0.43 0.00	33.43 -0.34 0.00	42.23 -0.71 0.00	42.61 -0.80 0.00	37.55 -0.81 0.00	31.78 -0.68 0.00	25.03 -0.50 0.00	24.06 -0.51 0.00
CARTHAGE___PAPER 23857	21.47 -0.68 0.00	22.42 -0.44 0.00	21.29 -0.37 0.00	21.26 -0.38 0.00	22.24 -0.52 0.00	27.00 -0.40 0.00	29.90 -0.84 0.00	36.24 -0.93 0.00	24.54 -0.46 0.00	22.72 -0.51 0.00	26.07 -0.77 0.00	20.73 -0.68 -0.33	25.38 -0.81 -2.15	26.53 -0.59 -2.19	29.26 -1.13 -1.97	32.52 -0.90 -2.47	30.82 -0.74 -2.21	35.32 -0.92 -2.47	45.02 -0.94 -3.01	46.13 -0.33 -3.05	38.64 -0.66 -0.95	31.87 -0.60 0.00	26.82 -0.20 -1.49	24.41 -0.16 0.00
CASSADAGA_WT_PWR 323784	20.93 -1.22 0.00	21.70 -1.17 0.00	20.38 -1.27 0.00	20.16 -1.49 0.00	21.13 -1.64 0.00	25.82 -1.58 0.00	29.05 -1.69 0.00	35.09 -2.09 0.00	23.81 -1.19 0.00	21.85 -1.38 0.00	24.98 -1.86 0.00	19.43 -1.63 0.00	19.72 -1.63 2.69	19.38 -1.75 3.80	22.43 -1.71 4.28	24.15 -1.57 5.22	25.55 -0.79 3.00	31.70 -0.80 1.27	36.40 -1.57 4.98	37.17 -1.65 4.58	33.05 -1.67 3.64	18.85 -0.71 12.91	16.56 -0.27 8.71	20.96 -0.01 3.60
CE_DUNWOOD___DRP 24194	23.20 1.05 0.00	23.82 0.96 0.00	22.57 0.91 0.00	22.59 0.94 0.00	23.80 1.03 0.00	28.67 1.27 0.00	32.61 1.87 0.00	39.86 2.68 0.00	26.64 1.64 0.00	24.66 1.43 0.00	28.53 1.69 0.00	22.32 1.25 0.00	25.36 1.32 0.00	26.26 1.33 0.00	29.95 1.53 0.00	32.68 1.72 0.00	31.38 2.03 0.00	36.75 2.99 0.00	46.22 3.28 0.00	46.31 2.90 0.00	40.88 2.52 0.00	34.19 1.72 0.00	26.79 1.25 0.00	25.62 1.05 0.00
CE_MILLWOOD___DRP 24193	23.16 1.01 0.00	23.79 0.92 0.00	22.53 0.88 0.00	22.56 0.91 0.00	23.77 1.00 0.00	28.63 1.24 0.00	32.57 1.82 0.00	39.79 2.61 0.00	26.60 1.60 0.00	24.62 1.39 0.00	28.46 1.62 0.00	22.27 1.21 0.00	25.31 1.27 0.00	26.20 1.28 0.00	29.88 1.46 0.00	32.60 1.65 0.00	31.31 1.96 0.00	36.67 2.91 0.00	46.11 3.17 0.00	46.22 2.82 0.00	40.81 2.45 0.00	34.13 1.66 0.00	26.74 1.20 0.00	25.58 1.01 0.00
CE_NYC2_DRP 24202	23.24 1.10 0.00	23.86 1.00 0.00	22.62 0.96 0.00	22.63 0.98 0.00	23.84 1.08 0.00	28.70 1.30 0.00	32.73 1.98 0.00	40.04 2.87 0.00	26.78 1.78 0.00	24.83 1.59 0.00	28.70 1.86 0.00	22.49 1.42 0.00	25.52 1.48 0.00	26.43 1.50 0.00	30.13 1.70 0.00	32.89 1.93 0.00	31.57 2.22 0.00	37.04 3.27 0.00	46.53 3.59 0.00	46.59 3.18 0.00	41.12 2.76 0.00	34.37 1.90 0.00	26.89 1.36 0.00	25.66 1.09 0.00
CE_NYC_DRP 24195	23.28 1.13 0.00	23.89 1.03 0.00	22.65 0.99 0.00	22.66 1.02 0.00	23.88 1.11 0.00	28.73 1.33 0.00	32.73 1.98 0.00	40.07 2.89 0.00	26.79 1.79 0.00	24.83 1.60 0.00	28.72 1.88 0.00	22.49 1.42 0.00	25.53 1.50 0.00	26.44 1.51 0.00	30.15 1.73 0.00	32.90 1.95 0.00	31.58 2.23 0.00	37.04 3.27 0.00	46.54 3.59 0.00	46.59 3.18 0.00	41.13 2.77 0.00	34.36 1.89 0.00	26.90 1.36 0.00	25.69 1.12 0.00
CHAFFEE___LFGE 323603	20.89 -1.25 0.00	21.82 -1.05 0.00	20.51 -1.15 0.00	20.37 -1.28 0.00	21.48 -1.29 0.00	26.04 -1.36 0.00	28.86 -1.89 0.00	34.52 -2.65 0.00	23.29 -1.71 0.00	21.72 -1.51 0.00	25.19 -1.65 0.00	19.70 -1.37 0.00	20.33 -1.21 2.50	20.05 -1.33 3.54	23.15 -1.27 4.00	24.63 -1.44 4.89	25.69 -0.85 2.81	31.27 -1.31 1.18	35.89 -2.40 4.65	36.85 -2.28 4.28	32.74 -2.22 3.41	19.06 -1.33 12.08	16.68 -0.71 8.15	20.70 -0.50 3.37
CHATEAUG_35_KV_LOAD 355732	22.00 -0.15 0.00	23.03 0.16 0.00	21.61 -0.05 0.00	21.73 0.09 0.00	22.98 0.21 0.00	28.04 0.65 0.00	31.51 0.76 0.00	37.95 0.77 0.00	25.46 0.46 0.00	23.38 0.14 0.00	26.80 -0.04 0.00	13.35 -0.32 7.40	-24.24 -0.53 47.74	-24.28 -0.50 48.70	-15.99 -0.63 43.78	-24.66 -0.71 54.91	-20.77 -1.15 48.97	-24.82 -1.99 56.60	-25.43 -1.64 66.73	-25.50 -1.25 67.65	16.89 -0.52 20.95	32.02 -0.45 0.00	-8.07 -0.67 32.94	24.49 -0.08 0.00
CHATEAUG_WT_PWR 323614	21.91 -0.23 0.00	22.94 0.08 0.00	21.52 -0.13 0.00	21.67 0.02 0.00	22.91 0.14 0.00	27.99 0.59 0.00	31.45 0.71 0.00	37.87 0.69 0.00	25.39 0.38 0.00	23.27 0.04 0.00	26.67 -0.17 0.00	13.74 -0.45 6.88	-21.06 -0.70 44.40	-21.06 -0.69 45.30	-13.11 -0.81 40.72	-21.06 -0.94 51.07	-17.59 -1.40 45.55	-21.08 -2.18 52.66	-21.08 -1.97 62.06	-21.15 -1.65 62.91	18.09 -0.79 19.48	31.84 -0.63 0.00	-5.92 -0.83 30.63	24.40 -0.17 0.00
CHAT_HIGH_FALL_HYD 323578	22.00 -0.15 0.00	23.03 0.16 0.00	21.61 -0.05 0.00	21.73 0.09 0.00	22.98 0.21 0.00	28.04 0.64 0.00	31.51 0.76 0.00	37.94 0.77 0.00	25.46 0.46 0.00	23.38 0.14 0.00	26.80 -0.04 0.00	13.35 -0.32 7.40	-24.25 -0.54 47.74	-24.28 -0.51 48.70	-16.00 -0.64 43.78	-24.67 -0.71 54.91	-20.77 -1.15 48.97	-24.79 -1.95 56.60	-25.44 -1.65 66.73	-25.50 -1.26 67.65	16.90 -0.52 20.95	32.03 -0.44 0.00	-8.07 -0.67 32.94	24.49 -0.08 0.00
CHAUTAUQUA___LFGE 323629	20.90 -1.24 0.00	21.75 -1.11 0.00	20.43 -1.22 0.00	20.27 -1.38 0.00	21.34 -1.43 0.00	25.94 -1.46 0.00	28.98 -1.77 0.00	34.82 -2.35 0.00	23.54 -1.46 0.00	21.79 -1.45 0.00	25.11 -1.73 0.00	19.56 -1.51 0.00	20.02 -1.44 2.58	19.72 -1.55 3.65	22.78 -1.52 4.12	24.33 -1.60 5.03	25.57 -0.89 2.89	31.48 -1.06 1.22	36.11 -2.04 4.79	36.94 -2.06 4.40	32.83 -2.02 3.51	18.93 -1.11 12.43	16.57 -0.58 8.38	20.76 -0.35 3.46
CHERRYST_13_KV_LD 356241	23.33 1.19 0.00	23.95 1.08 0.00	22.70 1.05 0.00	22.72 1.07 0.00	23.93 1.17 0.00	28.80 1.41 0.00	32.82 2.08 0.00	40.18 3.01 0.00	26.88 1.88 0.00	24.92 1.69 0.00	28.81 1.97 0.00	22.57 1.50 0.00	25.62 1.58 0.00	26.53 1.60 0.00	30.25 1.83 0.00	33.03 2.07 0.00	31.69 2.34 0.00	37.16 3.40 0.00	46.69 3.75 0.00	46.72 3.31 0.00	41.25 2.89 0.00	34.45 1.98 0.00	26.97 1.43 0.00	25.75 1.18 0.00

CHESTROR_138KV_BK263 355645	23.02 0.88 0.00	23.66 0.80 0.00	22.41 0.76 0.00	22.43 0.79 0.00	23.63 0.86 0.00	28.48 1.09 0.00	32.34 1.60 0.00	39.45 2.27 0.00	26.38 1.38 0.00	24.39 1.16 0.00	28.17 1.34 0.00	22.04 0.97 0.00	25.05 1.01 0.00	25.93 1.00 0.00	29.56 1.14 0.00	32.27 1.32 0.00	30.99 1.64 0.00	36.25 2.49 0.00	45.64 2.70 0.00	45.79 2.39 0.00	40.43 2.07 0.00	33.85 1.38 0.00	26.53 1.00 0.00	25.41 0.84 0.00
CH_MIDHUDSON___DRP 24192	23.21 1.07 0.00	23.84 0.98 0.00	22.60 0.94 0.00	22.63 0.98 0.00	23.84 1.07 0.00	28.73 1.33 0.00	32.62 1.87 0.00	39.88 2.70 0.00	26.66 1.65 0.00	24.64 1.41 0.00	28.50 1.66 0.00	22.28 1.21 0.00	25.35 1.31 0.00	26.26 1.33 0.00	29.97 1.55 0.00	32.74 1.78 0.00	31.44 2.09 0.00	36.76 3.00 0.00	46.27 3.33 0.00	46.39 2.98 0.00	40.94 2.58 0.00	34.27 1.80 0.00	26.85 1.32 0.00	25.72 1.15 0.00
CH_MISC_IPPS 23765	23.32 1.18 0.00	23.96 1.10 0.00	22.70 1.05 0.00	22.73 1.08 0.00	23.94 1.18 0.00	28.87 1.48 0.00	32.81 2.07 0.00	40.09 2.91 0.00	26.79 1.79 0.00	24.76 1.53 0.00	28.61 1.77 0.00	22.36 1.29 0.00	25.43 1.39 0.00	26.35 1.42 0.00	30.07 1.66 0.00	32.86 1.90 0.00	31.58 2.23 0.00	36.92 3.16 0.00	46.49 3.54 0.00	46.60 3.20 0.00	41.14 2.78 0.00	34.43 1.96 0.00	26.97 1.44 0.00	25.82 1.25 0.00
CH_RES_BVR_FALLS 23983	21.90 -0.24 0.00	22.78 -0.08 0.00	21.57 -0.08 0.00	21.57 -0.08 0.00	22.62 -0.14 0.00	27.27 -0.12 0.00	30.41 -0.33 0.00	36.60 -0.57 0.00	24.68 -0.33 0.00	22.87 -0.36 0.00	26.45 -0.39 0.00	20.76 -0.31 0.00	23.70 -0.34 0.00	24.66 -0.26 0.00	28.06 -0.36 0.00	30.42 -0.53 0.00	28.65 -0.70 0.00	32.26 -1.01 0.50	42.13 -0.81 0.00	42.81 -0.60 0.00	37.91 -0.45 0.00	32.17 -0.30 0.00	25.31 -0.23 0.00	24.46 -0.11 0.00
CH_RES_NIAGARA 23895	20.05 -2.09 0.00	21.03 -1.83 0.00	19.78 -1.88 0.00	19.66 -1.99 0.00	20.70 -2.07 0.00	25.04 -2.36 0.00	27.61 -3.14 0.00	32.73 -4.44 0.00	22.02 -2.98 0.00	20.58 -2.65 0.00	23.85 -2.98 0.00	18.71 -2.36 0.00	19.91 -2.16 1.96	19.80 -2.34 2.79	22.63 -2.61 3.18	24.19 -2.88 3.88	24.77 -2.35 2.23	29.63 -3.19 0.94	34.43 -4.81 3.70	35.34 -4.67 3.41	31.27 -4.37 2.72	19.86 -2.96 9.65	17.18 -1.85 6.51	20.40 -1.48 2.69
CH_RES_SYRACUSE 23985	22.10 -0.04 0.00	22.80 -0.07 0.00	21.56 -0.09 0.00	21.53 -0.12 0.00	22.70 -0.06 0.00	27.37 -0.02 0.00	30.67 -0.07 0.00	37.22 0.04 0.00	25.05 0.04 0.00	23.20 -0.03 0.00	26.69 -0.15 0.00	20.98 -0.09 0.00	23.99 -0.05 0.00	24.87 -0.06 0.00	28.36 -0.06 0.00	30.92 -0.04 0.00	29.63 0.28 0.00	34.26 0.49 0.00	43.26 0.31 0.00	43.62 0.22 0.00	38.44 0.08 0.00	32.60 0.13 0.00	25.69 0.16 0.00	24.68 0.10 0.00
CLINTON_WT_PWR 323605	21.91 -0.23 0.00	22.94 0.08 0.00	21.52 -0.13 0.00	21.67 0.02 0.00	22.91 0.14 0.00	27.99 0.59 0.00	31.45 0.71 0.00	37.87 0.69 0.00	25.39 0.38 0.00	23.27 0.04 0.00	26.67 -0.17 0.00	13.74 -0.45 6.88	-21.06 -0.70 44.40	-21.06 -0.69 45.30	-13.11 -0.81 40.72	-21.06 -0.94 51.07	-17.59 -1.40 45.55	-21.08 -2.18 52.66	-21.08 -1.97 62.06	-21.15 -1.65 62.91	18.09 -0.79 19.48	31.84 -0.63 0.00	-5.92 -0.83 30.63	24.40 -0.17 0.00
CLINTON___LFGE 323618	22.26 0.12 0.00	23.31 0.45 0.00	21.88 0.23 0.00	22.01 0.36 0.00	23.27 0.50 0.00	28.43 1.04 0.00	32.04 1.30 0.00	38.76 1.59 0.00	25.90 0.90 0.00	23.67 0.44 0.00	26.97 0.13 0.00	13.85 -0.19 7.02	-21.66 -0.40 45.29	-21.67 -0.41 46.19	-13.59 -0.49 41.52	-21.65 -0.52 52.08	-18.04 -0.95 46.44	-21.54 -1.61 53.69	-21.65 -1.32 63.28	-21.69 -0.95 64.15	18.25 -0.25 19.86	32.29 -0.18 0.00	-6.22 -0.52 31.23	24.77 0.19 0.00
COBBLENY_34_KV_TB1 80064	20.89 -1.25 0.00	21.82 -1.05 0.00	20.51 -1.15 0.00	20.37 -1.28 0.00	21.48 -1.29 0.00	26.02 -1.37 0.00	28.86 -1.89 0.00	34.52 -2.65 0.00	23.29 -1.72 0.00	21.73 -1.50 0.00	25.19 -1.65 0.00	19.70 -1.37 0.00	22.82 -1.22 0.00	23.60 -1.32 0.00	27.14 -1.28 0.00	29.50 -1.46 0.00	28.50 -0.85 0.00	32.52 -1.25 0.00	40.54 -2.41 -0.01	41.11 -2.30 -0.01	36.14 -2.22 -0.01	31.20 -1.30 -0.03	24.88 -0.69 -0.03	24.11 -0.47 0.00
COFFEEN___115KV_TB3 355620	21.32 -0.82 0.00	22.23 -0.64 0.00	21.11 -0.55 0.00	21.07 -0.58 0.00	22.08 -0.68 0.00	26.82 -0.57 0.00	29.79 -0.96 0.00	36.16 -1.02 0.00	24.46 -0.54 0.00	22.57 -0.67 0.00	25.86 -0.98 0.00	20.49 -0.86 -0.28	24.80 -1.03 -1.79	26.00 -0.76 -1.83	28.63 -1.43 -1.64	31.98 -1.03 -2.06	30.44 -0.75 -1.84	35.00 -0.82 -2.06	44.55 -0.91 -2.51	45.55 -0.40 -2.54	38.38 -0.77 -0.79	31.77 -0.70 0.00	26.50 -0.27 -1.24	24.31 -0.26 0.00
COLDSPRG_115KV_BK1 355956	21.64 -0.50 0.00	22.48 -0.38 0.00	21.13 -0.52 0.00	20.97 -0.68 0.00	22.10 -0.67 0.00	26.86 -0.53 0.00	30.03 -0.71 0.00	36.36 -0.81 0.00	24.56 -0.44 0.00	22.76 -0.47 0.00	26.20 -0.64 0.00	20.44 -0.63 0.00	23.63 -0.41 0.00	24.40 -0.53 0.00	27.99 -0.44 0.00	30.50 -0.45 0.00	29.53 0.19 0.00	34.09 0.32 0.00	42.70 -0.25 -0.01	43.11 -0.31 -0.01	37.92 -0.44 -0.01	32.57 0.08 -0.03	25.95 0.39 -0.03	25.10 0.53 0.00
COLONIE_LFGE___ 323577	22.73 0.58 0.00	23.35 0.49 0.00	22.15 0.49 0.00	22.20 0.55 0.00	23.38 0.61 0.00	28.11 0.72 0.00	31.77 1.02 0.00	38.76 1.58 0.00	25.89 0.89 0.00	23.92 0.68 0.00	27.66 0.82 0.00	21.61 0.55 0.00	24.72 0.69 0.00	25.66 0.74 0.00	29.44 1.02 0.00	32.11 1.16 0.00	30.71 1.36 0.00	35.58 1.82 0.00	44.85 1.91 0.00	45.08 1.67 0.00	39.88 1.52 0.00	33.47 1.01 0.00	26.29 0.75 0.00	25.24 0.67 0.00
COOPERNY_115KV_TB1 80082	22.80 0.66 0.00	23.46 0.60 0.00	22.23 0.57 0.00	22.23 0.58 0.00	23.41 0.64 0.00	28.22 0.82 0.00	31.96 1.22 0.00	38.91 1.74 0.00	26.06 1.05 0.00	24.10 0.87 0.00	27.84 1.00 0.00	21.79 0.72 0.00	24.78 0.74 0.00	25.65 0.72 0.00	29.22 0.80 0.00	31.90 0.94 0.00	30.56 1.21 0.00	35.63 1.86 0.00	44.95 2.00 0.00	45.18 1.77 0.00	39.88 1.52 0.00	33.47 1.00 0.00	26.27 0.73 0.00	25.18 0.61 0.00
COPENHAGEN_WT_PWR 323753	20.97 -1.17 0.00	21.89 -0.97 0.00	20.83 -0.83 0.00	20.77 -0.88 0.00	21.76 -1.01 0.00	26.41 -0.99 0.00	29.19 -1.55 0.00	35.40 -1.78 0.00	23.99 -1.01 0.00	22.24 -1.00 0.00	25.45 -1.39 0.00	20.14 -1.19 -0.26	24.34 -1.39 -1.69	25.47 -1.18 -1.73	28.11 -1.86 -1.55	31.29 -1.62 -1.95	29.73 -1.35 -1.74	34.20 -1.52 -1.95	43.46 -1.85 -2.37	44.53 -1.29 -2.40	37.53 -1.58 -0.74	31.12 -1.35 0.00	26.03 -0.68 -1.17	23.98 -0.59 0.00
CORNELL_____ 23752	22.46 0.32 0.00	23.17 0.31 0.00	21.92 0.26 0.00	21.83 0.18 0.00	23.00 0.23 0.00	27.81 0.41 0.00	31.32 0.58 0.00	38.03 0.85 0.00	25.51 0.51 0.00	23.58 0.35 0.00	27.13 0.29 0.00	21.25 0.18 0.00	24.27 0.23 0.00	25.18 0.25 0.00	28.78 0.36 0.00	31.47 0.52 0.00	30.22 0.87 0.00	35.07 1.30 0.00	44.31 1.36 0.00	44.69 1.28 0.00	39.36 1.00 0.00	33.30 0.83 0.00	26.20 0.67 0.00	25.15 0.58 0.00

CORONA_69_KV_TB1 355595	23.50 1.36 0.00	24.10 1.24 0.00	22.78 1.12 0.00	22.79 1.14 0.00	24.02 1.25 0.00	28.89 1.50 0.00	33.10 2.35 0.00	40.46 3.28 0.00	26.89 1.89 0.00	24.92 1.69 0.00	28.87 2.03 0.00	22.60 1.53 0.00	25.67 1.63 0.00	26.64 1.71 0.00	30.38 1.96 0.00	33.21 2.26 0.00	31.99 2.64 0.00	37.40 3.63 0.00	46.91 3.96 0.00	46.99 3.58 0.00	41.47 3.11 0.00	34.62 2.15 0.00	27.20 1.66 0.00	25.98 1.41 0.00
CORTLAND_115KV_TB3 80093	22.24 0.10 0.00	22.95 0.09 0.00	21.71 0.05 0.00	21.66 0.01 0.00	22.81 0.04 0.00	27.53 0.13 0.00	30.97 0.23 0.00	37.59 0.41 0.00	25.23 0.22 0.00	23.36 0.13 0.00	26.94 0.10 0.00	21.13 0.06 0.00	24.12 0.08 0.00	25.02 0.09 0.00	28.54 0.12 0.00	31.17 0.21 0.00	29.88 0.53 0.00	34.62 0.85 0.00	43.73 0.79 0.00	44.11 0.70 0.00	38.87 0.51 0.00	32.85 0.38 0.00	25.85 0.32 0.00	24.83 0.25 0.00
COXSACKIE___GT 23611	23.53 1.39 0.00	24.19 1.32 0.00	22.98 1.33 0.00	23.03 1.38 0.00	24.22 1.45 0.00	29.13 1.73 0.00	32.96 2.22 0.00	40.20 3.02 0.00	26.85 1.85 0.00	24.54 1.31 0.00	28.12 1.28 0.00	21.94 0.88 0.00	25.06 1.02 0.00	26.08 1.15 0.00	30.35 1.93 0.00	33.29 2.33 0.00	32.23 2.88 0.00	37.32 3.55 0.00	47.08 4.14 0.00	47.45 4.05 0.00	41.79 3.43 0.00	35.12 2.65 0.00	27.50 1.96 0.00	26.34 1.77 0.00
CPV_VALLEY___CC1 323721	22.88 0.74 0.00	23.53 0.67 0.00	22.29 0.64 0.00	22.31 0.66 0.00	23.50 0.73 0.00	28.31 0.91 0.00	32.12 1.38 0.00	39.17 1.99 0.00	26.21 1.20 0.00	24.22 0.99 0.00	27.98 1.14 0.00	21.89 0.82 0.00	24.86 0.82 0.00	25.74 0.82 0.00	29.33 0.90 0.00	32.00 1.05 0.00	30.70 1.35 0.00	35.87 2.11 0.00	45.20 2.26 0.00	45.35 1.94 0.00	40.06 1.70 0.00	33.56 1.10 0.00	26.31 0.77 0.00	25.22 0.65 0.00
CPV_VALLEY___CC2 323722	22.88 0.74 0.00	23.53 0.67 0.00	22.29 0.64 0.00	22.31 0.66 0.00	23.50 0.73 0.00	28.31 0.91 0.00	32.12 1.38 0.00	39.17 1.99 0.00	26.21 1.20 0.00	24.22 0.99 0.00	27.98 1.14 0.00	21.89 0.82 0.00	24.86 0.82 0.00	25.74 0.82 0.00	29.33 0.90 0.00	32.00 1.05 0.00	30.70 1.35 0.00	35.87 2.11 0.00	45.20 2.26 0.00	45.35 1.94 0.00	40.06 1.70 0.00	33.56 1.10 0.00	26.31 0.77 0.00	25.22 0.65 0.00
CRESCENT___HYD 24018	22.73 0.58 0.00	23.35 0.49 0.00	22.15 0.49 0.00	22.20 0.55 0.00	23.38 0.61 0.00	28.11 0.72 0.00	31.77 1.02 0.00	38.76 1.58 0.00	25.89 0.89 0.00	23.92 0.68 0.00	27.66 0.82 0.00	21.61 0.55 0.00	24.72 0.69 0.00	25.66 0.74 0.00	29.44 1.02 0.00	32.11 1.16 0.00	30.71 1.36 0.00	35.58 1.82 0.00	44.85 1.91 0.00	45.08 1.67 0.00	39.88 1.52 0.00	33.47 1.01 0.00	26.29 0.75 0.00	25.24 0.67 0.00
CRICKET___VALLEY_CC1 323756	22.91 0.76 0.00	23.53 0.66 0.00	22.31 0.66 0.00	22.37 0.72 0.00	23.56 0.79 0.00	28.37 0.97 0.00	32.11 1.37 0.00	39.23 2.06 0.00	26.20 1.19 0.00	24.28 1.04 0.00	28.13 1.29 0.00	21.97 0.90 0.00	25.03 1.00 0.00	25.95 1.02 0.00	29.64 1.21 0.00	32.27 1.31 0.00	30.99 1.64 0.00	36.21 2.45 0.00	45.51 2.57 0.00	45.59 2.18 0.00	40.26 1.91 0.00	33.70 1.23 0.00	26.45 0.91 0.00	25.40 0.83 0.00
CRICKET___VALLEY_CC2 323757	22.91 0.76 0.00	23.53 0.66 0.00	22.31 0.66 0.00	22.37 0.72 0.00	23.56 0.79 0.00	28.37 0.97 0.00	32.11 1.37 0.00	39.23 2.06 0.00	26.20 1.19 0.00	24.28 1.04 0.00	28.13 1.29 0.00	21.97 0.90 0.00	25.03 1.00 0.00	25.95 1.02 0.00	29.64 1.21 0.00	32.27 1.31 0.00	30.99 1.64 0.00	36.21 2.45 0.00	45.51 2.57 0.00	45.59 2.18 0.00	40.26 1.91 0.00	33.70 1.23 0.00	26.45 0.91 0.00	25.40 0.83 0.00
CRICKET___VALLEY_CC3 323758	22.91 0.76 0.00	23.53 0.66 0.00	22.31 0.66 0.00	22.37 0.72 0.00	23.56 0.79 0.00	28.37 0.97 0.00	32.11 1.37 0.00	39.23 2.06 0.00	26.20 1.19 0.00	24.28 1.04 0.00	28.13 1.29 0.00	21.97 0.90 0.00	25.03 1.00 0.00	25.95 1.02 0.00	29.64 1.21 0.00	32.27 1.31 0.00	30.99 1.64 0.00	36.21 2.45 0.00	45.51 2.57 0.00	45.59 2.18 0.00	40.26 1.91 0.00	33.70 1.23 0.00	26.45 0.91 0.00	25.40 0.83 0.00
CRUCIBLE_METL_DRP 24180	22.10 -0.04 0.00	22.80 -0.07 0.00	21.56 -0.09 0.00	21.53 -0.12 0.00	22.70 -0.06 0.00	27.37 -0.03 0.00	30.67 -0.07 0.00	37.22 0.04 0.00	25.04 0.04 0.00	23.20 -0.03 0.00	26.68 -0.16 0.00	20.98 -0.09 0.00	23.99 -0.05 0.00	24.87 -0.06 0.00	28.36 -0.06 0.00	30.91 -0.05 0.00	29.63 0.28 0.00	34.28 0.51 0.00	43.26 0.31 0.00	43.62 0.21 0.00	38.44 0.08 0.00	32.61 0.14 0.00	25.70 0.16 0.00	24.68 0.11 0.00
DAHOWA___HYDRO 323763	22.75 0.60 0.00	23.38 0.52 0.00	22.17 0.52 0.00	22.24 0.59 0.00	23.46 0.69 0.00	28.35 0.95 0.00	32.09 1.34 0.00	39.16 1.99 0.00	26.11 1.11 0.00	24.07 0.84 0.00	27.85 1.01 0.00	21.75 0.68 0.00	24.92 0.88 0.00	25.88 0.96 0.00	29.78 1.35 0.00	32.50 1.55 0.00	31.16 1.81 0.00	36.10 2.33 0.00	45.43 2.49 0.00	45.57 2.17 0.00	40.27 1.92 0.00	33.78 1.31 0.00	26.48 0.94 0.00	25.40 0.83 0.00
DANC___LFGE 323619	21.19 -0.95 0.00	22.02 -0.84 0.00	20.91 -0.74 0.00	20.87 -0.78 0.00	21.90 -0.87 0.00	26.48 -0.92 0.00	29.42 -1.33 0.00	35.66 -1.52 0.00	24.09 -0.92 0.00	22.32 -0.92 0.00	25.64 -1.20 0.00	20.28 -0.97 -0.18	24.07 -1.13 -1.17	25.11 -1.00 -1.19	27.99 -1.50 -1.07	30.91 -1.39 -1.34	29.41 -1.14 -1.20	33.90 -1.21 -1.34	43.00 -1.58 -1.63	43.77 -1.29 -1.66	37.44 -1.44 -0.51	31.28 -1.19 0.00	25.69 -0.66 -0.81	23.96 -0.62 0.00
DANSKAMMER___1 23586	23.32 1.18 0.00	23.96 1.10 0.00	22.70 1.05 0.00	22.73 1.08 0.00	23.94 1.18 0.00	28.87 1.48 0.00	32.81 2.07 0.00	40.09 2.91 0.00	26.79 1.79 0.00	24.76 1.53 0.00	28.61 1.77 0.00	22.36 1.29 0.00	25.43 1.39 0.00	26.35 1.42 0.00	30.07 1.66 0.00	32.86 1.90 0.00	31.58 2.23 0.00	36.92 3.16 0.00	46.49 3.54 0.00	46.60 3.20 0.00	41.14 2.78 0.00	34.43 1.96 0.00	26.97 1.44 0.00	25.82 1.25 0.00
DANSKAMMER___2 23589	23.32 1.18 0.00	23.96 1.10 0.00	22.70 1.05 0.00	22.73 1.08 0.00	23.94 1.18 0.00	28.87 1.48 0.00	32.81 2.07 0.00	40.09 2.91 0.00	26.79 1.79 0.00	24.76 1.53 0.00	28.61 1.77 0.00	22.36 1.29 0.00	25.43 1.39 0.00	26.35 1.42 0.00	30.07 1.66 0.00	32.86 1.90 0.00	31.58 2.23 0.00	36.92 3.16 0.00	46.49 3.54 0.00	46.60 3.20 0.00	41.14 2.78 0.00	34.43 1.96 0.00	26.97 1.44 0.00	25.82 1.25 0.00
DANSKAMMER___3 23590	23.32 1.18 0.00	23.96 1.10 0.00	22.70 1.05 0.00	22.73 1.08 0.00	23.94 1.18 0.00	28.87 1.48 0.00	32.81 2.07 0.00	40.09 2.91 0.00	26.79 1.79 0.00	24.76 1.53 0.00	28.61 1.77 0.00	22.36 1.29 0.00	25.43 1.39 0.00	26.35 1.42 0.00	30.07 1.66 0.00	32.86 1.90 0.00	31.58 2.23 0.00	36.92 3.16 0.00	46.49 3.54 0.00	46.60 3.20 0.00	41.14 2.78 0.00	34.43 1.96 0.00	26.97 1.44 0.00	25.82 1.25 0.00

DANSKAMMER___4 23591	23.32 1.18 0.00	23.96 1.10 0.00	22.70 1.05 0.00	22.73 1.08 0.00	23.94 1.18 0.00	28.87 1.48 0.00	32.81 2.07 0.00	40.09 2.91 0.00	26.79 1.79 0.00	24.76 1.53 0.00	28.61 1.77 0.00	22.36 1.29 0.00	25.43 1.39 0.00	26.35 1.42 0.00	30.07 1.66 0.00	32.86 1.90 0.00	31.58 2.23 0.00	36.92 3.16 0.00	46.49 3.54 0.00	46.60 3.20 0.00	41.14 2.78 0.00	34.43 1.96 0.00	26.97 1.44 0.00	25.82 1.25 0.00
DANSKAMMER___DIESEL 23592	23.33 1.18 0.00	23.96 1.09 0.00	22.70 1.05 0.00	22.72 1.08 0.00	23.95 1.18 0.00	28.87 1.48 0.00	32.81 2.07 0.00	40.09 2.91 0.00	26.79 1.79 0.00	24.76 1.53 0.00	28.61 1.77 0.00	22.36 1.29 0.00	25.43 1.39 0.00	26.35 1.42 0.00	30.07 1.66 0.00	32.86 1.90 0.00	31.58 2.23 0.00	36.93 3.17 0.00	46.49 3.54 0.00	46.61 3.21 0.00	41.14 2.78 0.00	34.43 1.96 0.00	26.97 1.44 0.00	25.82 1.25 0.00
DARBY___SOLAR 323810	22.75 0.60 0.00	23.39 0.53 0.00	22.18 0.53 0.00	22.24 0.59 0.00	23.45 0.68 0.00	28.31 0.91 0.00	32.02 1.27 0.00	39.08 1.91 0.00	26.06 1.06 0.00	24.03 0.79 0.00	27.80 0.96 0.00	21.71 0.65 0.00	24.87 0.83 0.00	25.83 0.90 0.00	29.71 1.28 0.00	32.41 1.46 0.00	31.06 1.71 0.00	35.97 2.20 0.00	45.28 2.33 0.00	45.46 2.05 0.00	40.17 1.81 0.00	33.71 1.24 0.00	26.44 0.90 0.00	25.37 0.80 0.00
DASHVILLE___HYD 23610	23.00 0.86 0.00	23.65 0.79 0.00	22.40 0.74 0.00	22.42 0.77 0.00	23.62 0.86 0.00	28.48 1.09 0.00	32.29 1.55 0.00	39.41 2.23 0.00	26.35 1.35 0.00	24.39 1.15 0.00	28.18 1.34 0.00	22.03 0.96 0.00	25.07 1.03 0.00	25.97 1.05 0.00	29.63 1.20 0.00	32.37 1.41 0.00	31.05 1.70 0.00	36.23 2.46 0.00	45.66 2.72 0.00	45.83 2.42 0.00	40.47 2.11 0.00	33.91 1.44 0.00	26.59 1.05 0.00	25.47 0.90 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.90 1.76 0.00	24.54 1.67 0.00	23.18 1.53 0.00	23.20 1.55 0.00	24.45 1.68 0.00	29.11 1.71 0.00	33.76 3.02 0.00	41.48 4.31 0.00	27.19 2.19 0.00	25.00 1.77 0.00	28.99 2.15 0.00	22.71 1.64 0.00	25.76 1.72 0.00	26.79 1.86 0.00	30.72 2.30 0.00	33.60 2.64 0.00	32.64 3.29 0.00	38.14 4.38 0.00	47.73 4.79 0.00	47.74 4.34 0.00	42.12 3.76 0.00	35.28 2.81 0.00	27.69 2.16 0.00	26.31 1.74 0.00
DELAWARE___LFGE 323621	22.68 0.53 0.00	23.39 0.53 0.00	22.15 0.49 0.00	22.11 0.47 0.00	23.28 0.51 0.00	28.11 0.71 0.00	31.75 1.00 0.00	38.60 1.43 0.00	25.88 0.88 0.00	23.98 0.75 0.00	27.70 0.86 0.00	21.67 0.60 0.00	24.70 0.66 0.00	25.60 0.67 0.00	29.19 0.77 0.00	31.83 0.88 0.00	30.44 1.10 0.00	35.31 1.55 0.00	44.73 1.78 0.00	45.10 1.69 0.00	39.75 1.39 0.00	33.47 0.99 0.00	26.27 0.73 0.00	25.23 0.66 0.00
DERFIELD_115KV_TB7 355931	22.19 0.04 0.00	22.88 0.02 0.00	21.68 0.02 0.00	21.69 0.04 0.00	22.81 0.04 0.00	27.45 0.06 0.00	30.87 0.13 0.00	37.39 0.22 0.00	25.09 0.09 0.00	23.26 0.03 0.00	26.90 0.06 0.00	21.11 0.04 0.00	24.08 0.04 0.00	24.97 0.04 0.00	28.49 0.07 0.00	31.03 0.07 0.00	29.57 0.22 0.00	34.24 0.45 -0.02	43.35 0.40 0.00	43.74 0.34 0.00	38.62 0.26 0.00	32.61 0.14 0.00	25.64 0.10 0.00	24.63 0.06 0.00
DOGLEVILLE___HYD 23807	21.96 -0.18 0.00	22.58 -0.28 0.00	21.42 -0.24 0.00	21.44 -0.21 0.00	22.52 -0.25 0.00	27.11 -0.29 0.00	30.99 0.24 0.00	37.92 0.75 0.00	25.14 0.13 0.00	23.13 -0.10 0.00	26.90 0.06 0.00	21.12 0.05 0.00	24.10 0.07 0.00	24.96 0.03 0.00	28.61 0.19 0.00	31.30 0.34 0.00	30.29 0.94 0.00	35.25 1.46 -0.02	44.24 1.29 0.00	44.47 1.06 0.00	39.17 0.81 0.00	32.75 0.29 0.00	25.59 0.05 0.00	24.47 -0.10 0.00
DUNKIRK___115KV_TB_200 55889	20.90 -1.24 0.00	21.76 -1.10 0.00	20.44 -1.22 0.00	20.28 -1.37 0.00	21.35 -1.41 0.00	25.93 -1.46 0.00	28.96 -1.78 0.00	34.77 -2.40 0.00	23.50 -1.51 0.00	21.77 -1.46 0.00	25.12 -1.73 0.00	19.57 -1.50 0.00	22.62 -1.42 0.00	23.42 -1.51 0.00	26.91 -1.51 0.00	29.33 -1.63 0.00	28.44 -0.91 0.00	32.72 -1.05 0.00	40.83 -2.12 -0.01	41.27 -2.14 -0.01	36.28 -2.09 -0.01	31.34 -1.15 -0.02	24.96 -0.60 -0.02	24.20 -0.37 0.00
DUNKIRK___1 23563	20.90 -1.24 0.00	21.76 -1.10 0.00	20.44 -1.22 0.00	20.28 -1.37 0.00	21.35 -1.41 0.00	25.93 -1.46 0.00	28.96 -1.78 0.00	34.77 -2.40 0.00	23.50 -1.51 0.00	21.77 -1.46 0.00	25.12 -1.73 0.00	19.57 -1.50 0.00	22.62 -1.42 0.00	23.42 -1.51 0.00	26.91 -1.51 0.00	29.33 -1.63 0.00	28.44 -0.91 0.00	32.72 -1.05 0.00	40.83 -2.12 -0.01	41.27 -2.14 -0.01	36.28 -2.09 -0.01	31.34 -1.15 -0.02	24.96 -0.60 -0.02	24.20 -0.37 0.00
DUNKIRK___2 23564	20.90 -1.24 0.00	21.76 -1.10 0.00	20.44 -1.22 0.00	20.28 -1.37 0.00	21.35 -1.41 0.00	25.93 -1.46 0.00	28.96 -1.78 0.00	34.77 -2.40 0.00	23.50 -1.51 0.00	21.77 -1.46 0.00	25.12 -1.73 0.00	19.57 -1.50 0.00	22.62 -1.42 0.00	23.42 -1.51 0.00	26.91 -1.51 0.00	29.33 -1.63 0.00	28.44 -0.91 0.00	32.72 -1.05 0.00	40.83 -2.12 -0.01	41.27 -2.14 -0.01	36.28 -2.09 -0.01	31.34 -1.15 -0.02	24.96 -0.60 -0.02	24.20 -0.37 0.00
DUNKIRK___3 23565	20.93 -1.21 0.00	21.79 -1.08 0.00	20.47 -1.18 0.00	20.33 -1.32 0.00	21.41 -1.36 0.00	25.98 -1.41 0.00	28.96 -1.78 0.00	34.78 -2.40 0.00	23.48 -1.52 0.00	21.78 -1.45 0.00	25.18 -1.66 0.00	19.63 -1.43 0.00	22.70 -1.34 0.00	23.48 -1.44 0.00	26.95 -1.47 0.00	29.32 -1.64 0.00	28.40 -0.95 0.00	32.67 -1.09 0.00	40.80 -2.15 0.00	41.24 -2.17 -0.01	36.26 -2.10 -0.01	31.26 -1.23 -0.02	24.92 -0.64 -0.02	24.15 -0.42 0.00
DUNKIRK___4 23566	20.90 -1.24 0.00	21.79 -1.08 0.00	20.46 -1.20 0.00	20.31 -1.33 0.00	21.39 -1.38 0.00	25.96 -1.43 0.00	28.91 -1.84 0.00	34.67 -2.50 0.00	23.42 -1.58 0.00	21.74 -1.49 0.00	25.12 -1.72 0.00	19.60 -1.47 0.00	22.68 -1.35 0.00	23.47 -1.46 0.00	26.97 -1.45 0.00	29.37 -1.58 0.00	28.45 -0.90 0.00	32.63 -1.13 0.00	40.73 -2.22 -0.01	41.21 -2.21 -0.01	36.22 -2.14 -0.01	31.29 -1.20 -0.03	24.94 -0.62 -0.02	24.19 -0.38 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.23 1.09 0.00	23.85 0.99 0.00	22.60 0.94 0.00	22.63 0.98 0.00	23.83 1.07 0.00	28.69 1.30 0.00	32.66 1.92 0.00	39.93 2.76 0.00	26.69 1.69 0.00	24.72 1.49 0.00	28.58 1.74 0.00	22.36 1.29 0.00	25.41 1.37 0.00	26.32 1.40 0.00	30.01 1.59 0.00	32.75 1.79 0.00	31.45 2.10 0.00	36.84 3.08 0.00	46.31 3.37 0.00	46.40 2.99 0.00	40.96 2.60 0.00	34.25 1.78 0.00	26.83 1.30 0.00	25.66 1.09 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.15 1.01 0.00	23.80 0.93 0.00	22.54 0.88 0.00	22.56 0.91 0.00	23.77 1.00 0.00	28.66 1.27 0.00	32.56 1.82 0.00	39.75 2.57 0.00	26.58 1.58 0.00	24.55 1.32 0.00	28.36 1.53 0.00	22.17 1.10 0.00	25.20 1.16 0.00	26.09 1.17 0.00	29.76 1.33 0.00	32.51 1.56 0.00	31.23 1.88 0.00	36.54 2.78 0.00	46.01 3.07 0.00	46.14 2.73 0.00	40.73 2.37 0.00	34.10 1.63 0.00	26.73 1.19 0.00	25.58 1.01 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.23 1.09 0.00	23.85 0.99 0.00	22.60 0.94 0.00	22.61 0.97 0.00	23.81 1.05 0.00	28.66 1.27 0.00	32.68 1.94 0.00	39.99 2.81 0.00	26.73 1.73 0.00	24.78 1.55 0.00	28.63 1.79 0.00	22.43 1.36 0.00	25.44 1.40 0.00	26.37 1.44 0.00	30.05 1.64 0.00	32.83 1.87 0.00	31.49 2.14 0.00	36.97 3.21 0.00	46.43 3.49 0.00	46.53 3.12 0.00	41.05 2.69 0.00	34.32 1.86 0.00	26.87 1.34 0.00	25.61 1.04 0.00
E179THST_13_KV_LOAD 356214	23.32 1.18 0.00	23.94 1.08 0.00	22.68 1.03 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.16 2.99 0.00	26.85 1.85 0.00	24.89 1.66 0.00	28.76 1.92 0.00	22.53 1.46 0.00	25.56 1.52 0.00	26.49 1.57 0.00	30.19 1.77 0.00	32.97 2.02 0.00	31.64 2.29 0.00	37.15 3.39 0.00	46.65 3.70 0.00	46.76 3.35 0.00	41.24 2.88 0.00	34.48 2.01 0.00	27.00 1.46 0.00	25.72 1.15 0.00
EAST HAMPTON___GT 23717	24.15 2.00 0.00	24.80 1.93 0.00	23.42 1.77 0.00	23.44 1.79 0.00	24.70 1.93 0.00	29.43 2.03 0.00	34.15 3.41 0.00	41.96 4.78 0.00	27.51 2.50 0.00	25.27 2.04 0.00	29.29 2.45 0.00	22.92 1.86 0.00	26.00 1.97 0.00	27.05 2.12 0.00	31.03 2.61 0.00	33.96 3.01 0.00	33.04 3.69 0.00	38.61 4.84 0.00	48.35 5.41 0.00	48.33 4.93 0.00	42.65 4.29 0.00	35.71 3.24 0.00	28.02 2.49 0.00	26.62 2.05 0.00
EAST RIVER___6 23660	23.29 1.14 0.00	23.90 1.03 0.00	22.65 0.99 0.00	22.67 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.75 2.01 0.00	40.11 2.93 0.00	26.83 1.83 0.00	24.87 1.64 0.00	28.77 1.93 0.00	22.53 1.46 0.00	25.58 1.54 0.00	26.48 1.56 0.00	30.21 1.79 0.00	32.96 2.01 0.00	31.64 2.29 0.00	37.10 3.33 0.00	46.62 3.67 0.00	46.61 3.21 0.00	41.19 2.83 0.00	34.41 1.94 0.00	26.93 1.39 0.00	25.70 1.13 0.00
EAST RIVER___7 23524	23.29 1.14 0.00	23.90 1.03 0.00	22.65 0.99 0.00	22.67 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.75 2.01 0.00	40.11 2.93 0.00	26.83 1.83 0.00	24.87 1.64 0.00	28.77 1.93 0.00	22.53 1.46 0.00	25.58 1.54 0.00	26.48 1.56 0.00	30.21 1.79 0.00	32.96 2.01 0.00	31.64 2.29 0.00	37.10 3.33 0.00	46.62 3.67 0.00	46.61 3.21 0.00	41.19 2.83 0.00	34.41 1.94 0.00	26.93 1.39 0.00	25.70 1.13 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.20 1.05 0.00	23.82 0.96 0.00	22.57 0.91 0.00	22.59 0.94 0.00	23.80 1.03 0.00	28.67 1.27 0.00	32.61 1.87 0.00	39.86 2.68 0.00	26.64 1.64 0.00	24.66 1.43 0.00	28.53 1.69 0.00	22.32 1.25 0.00	25.36 1.32 0.00	26.26 1.33 0.00	29.95 1.53 0.00	32.68 1.72 0.00	31.38 2.03 0.00	36.75 2.99 0.00	46.22 3.28 0.00	46.31 2.90 0.00	40.88 2.52 0.00	34.19 1.72 0.00	26.79 1.25 0.00	25.62 1.05 0.00
EAST_HAMPTON___DIESEL 23722	24.15 2.01 0.00	24.80 1.93 0.00	23.42 1.77 0.00	23.44 1.80 0.00	24.70 1.93 0.00	29.43 2.03 0.00	34.16 3.41 0.00	41.96 4.79 0.00	27.51 2.50 0.00	25.27 2.04 0.00	29.29 2.45 0.00	22.92 1.86 0.00	26.00 1.97 0.00	27.05 2.12 0.00	31.03 2.61 0.00	33.96 3.01 0.00	33.04 3.69 0.00	38.61 4.85 0.00	48.35 5.41 0.00	48.33 4.93 0.00	42.65 4.29 0.00	35.72 3.25 0.00	28.02 2.49 0.00	26.62 2.05 0.00
EAST_PULASKI___ESR 323781	21.45 -0.69 0.00	22.20 -0.66 0.00	21.04 -0.62 0.00	21.00 -0.64 0.00	22.09 -0.68 0.00	26.61 -0.79 0.00	29.71 -1.04 0.00	36.00 -1.18 0.00	24.24 -0.76 0.00	22.48 -0.75 0.00	25.90 -0.94 0.00	20.37 -0.69 0.00	23.22 -0.82 0.00	24.14 -0.79 0.00	27.30 -1.11 0.00	29.81 -1.14 0.00	28.46 -0.89 0.00	32.88 -0.87 0.02	41.66 -1.28 0.00	42.19 -1.22 0.00	37.11 -1.25 0.00	31.51 -0.96 0.00	24.94 -0.59 0.00	23.98 -0.59 0.00
EAST_RIVER___1 323558	23.28 1.13 0.00	23.89 1.03 0.00	22.65 0.99 0.00	22.67 1.02 0.00	23.88 1.11 0.00	28.72 1.33 0.00	32.73 1.98 0.00	40.07 2.89 0.00	26.80 1.79 0.00	24.83 1.60 0.00	28.72 1.88 0.00	22.49 1.42 0.00	25.53 1.50 0.00	26.44 1.51 0.00	30.15 1.73 0.00	32.90 1.95 0.00	31.58 2.23 0.00	37.03 3.26 0.00	46.54 3.59 0.00	46.56 3.16 0.00	41.13 2.77 0.00	34.37 1.90 0.00	26.90 1.37 0.00	25.69 1.12 0.00
EAST_RIVER___2 323559	23.29 1.14 0.00	23.90 1.03 0.00	22.65 0.99 0.00	22.67 1.02 0.00	23.89 1.12 0.00	28.73 1.33 0.00	32.75 2.01 0.00	40.11 2.93 0.00	26.83 1.83 0.00	24.87 1.64 0.00	28.77 1.93 0.00	22.53 1.46 0.00	25.58 1.54 0.00	26.48 1.56 0.00	30.21 1.79 0.00	32.96 2.01 0.00	31.64 2.29 0.00	37.10 3.33 0.00	46.62 3.67 0.00	46.61 3.21 0.00	41.19 2.83 0.00	34.41 1.94 0.00	26.93 1.39 0.00	25.70 1.13 0.00
EAST___DELAWARE_HYD 23607	23.37 1.22 0.00	24.05 1.19 0.00	22.78 1.13 0.00	22.75 1.11 0.00	23.98 1.22 0.00	28.97 1.57 0.00	32.93 2.19 0.00	40.19 3.02 0.00	26.91 1.91 0.00	24.75 1.51 0.00	28.50 1.66 0.00	22.24 1.17 0.00	25.24 1.21 0.00	26.02 1.10 0.00	29.09 0.67 0.00	31.90 0.94 0.00	30.74 1.40 0.00	36.00 2.24 0.00	45.33 2.39 0.00	45.47 2.07 0.00	40.14 1.78 0.00	33.69 1.22 0.00	27.01 1.48 0.00	25.86 1.28 0.00
EIGHT_POINT___WT_PWR 323820	21.25 -0.89 0.00	21.82 -1.05 0.00	20.69 -0.97 0.00	20.13 -1.51 0.00	21.15 -1.62 0.00	25.87 -1.52 0.00	29.08 -1.66 0.00	35.30 -1.88 0.00	23.55 -1.46 0.00	21.71 -1.52 0.00	25.12 -1.72 0.00	19.60 -1.47 0.00	23.32 -1.89 -1.17	24.45 -2.13 -1.65	27.85 -2.37 -1.80	30.85 -2.29 -2.19	29.37 -1.25 -1.26	33.66 -0.63 -0.53	44.15 -0.88 -2.09	44.02 -1.30 -1.92	38.77 -1.11 -1.52	37.27 -0.57 -5.37	28.91 -0.26 -3.63	25.86 -0.20 -1.49
ELBRIDGE_115KV_TB2 80188	22.14 0.00 0.00	22.82 -0.05 0.00	21.60 -0.05 0.00	21.57 -0.08 0.00	22.73 -0.04 0.00	27.44 0.05 0.00	30.77 0.02 0.00	37.38 0.21 0.00	25.17 0.17 0.00	23.30 0.06 0.00	26.73 -0.11 0.00	21.01 -0.06 0.00	24.03 -0.01 0.00	24.93 0.00 0.00	28.45 0.03 0.00	30.99 0.03 0.00	29.77 0.42 0.00	34.45 0.68 0.00	43.41 0.46 0.00	43.79 0.39 0.00	38.56 0.20 0.00	32.75 0.28 0.00	25.85 0.32 0.00	24.83 0.26 0.00
ELEC_TRO_TEK 24086	23.37 1.22 0.00	23.96 1.10 0.00	22.65 0.99 0.00	22.66 1.01 0.00	23.89 1.12 0.00	28.72 1.33 0.00	32.90 2.16 0.00	40.22 3.05 0.00	26.73 1.73 0.00	24.78 1.55 0.00	28.70 1.86 0.00	22.47 1.41 0.00	25.52 1.48 0.00	26.49 1.56 0.00	30.20 1.78 0.00	33.01 2.06 0.00	31.83 2.48 0.00	37.19 3.43 0.00	46.62 3.67 0.00	46.70 3.29 0.00	41.23 2.87 0.00	34.42 1.95 0.00	27.00 1.47 0.00	25.80 1.23 0.00
ELLENBURG_WT_PWR 323604	21.91 -0.23 0.00	22.94 0.08 0.00	21.52 -0.13 0.00	21.67 0.02 0.00	22.91 0.14 0.00	27.99 0.59 0.00	31.45 0.71 0.00	37.87 0.69 0.00	25.39 0.38 0.00	23.27 0.04 0.00	26.67 -0.17 0.00	13.74 -0.45 6.88	-21.06 -0.70 44.40	-21.06 -0.69 45.30	-13.11 -0.81 40.72	-21.06 -0.94 51.07	-17.59 -1.40 45.55	-21.08 -2.18 52.66	-21.08 -1.97 62.06	-21.15 -1.65 62.91	18.09 -0.79 19.48	31.84 -0.63 0.00	-5.92 -0.83 30.63	24.40 -0.17 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.67 -1.47 0.00	21.61 -1.25 0.00	20.31 -1.35 0.00	20.17 -1.48 0.00	21.26 -1.51 0.00	25.74 -1.66 0.00	28.51 -2.23 0.00	34.03 -3.14 0.00	22.96 -2.04 0.00	21.42 -1.81 0.00	24.84 -2.00 0.00	19.43 -1.63 0.00	22.55 -1.49 0.00	23.33 -1.60 0.00	26.80 -1.62 0.00	29.14 -1.82 0.00	28.11 -1.24 0.00	32.02 -1.74 0.00	39.92 -3.03 0.00	40.48 -2.92 0.00	35.58 -2.78 0.00	30.76 -1.72 -0.02	24.55 -1.00 -0.02	23.84 -0.73 0.00
EMPIRE_CC_1 323656	22.58 0.44 0.00	23.19 0.32 0.00	22.00 0.35 0.00	22.05 0.40 0.00	23.22 0.45 0.00	27.88 0.48 0.00	31.37 0.63 0.00	38.27 1.10 0.00	25.57 0.57 0.00	23.68 0.46 0.00	27.54 0.70 0.00	21.53 0.46 0.00	24.60 0.55 0.00	25.52 0.59 0.00	29.24 0.82 0.00	31.89 0.94 0.00	30.49 1.14 0.00	35.34 1.57 0.00	44.55 1.61 0.00	44.79 1.39 0.00	39.63 1.27 0.00	33.28 0.82 0.00	26.16 0.63 0.00	25.12 0.55 0.00
EMPIRE_CC_2 323658	22.58 0.44 0.00	23.19 0.32 0.00	22.00 0.35 0.00	22.05 0.40 0.00	23.22 0.45 0.00	27.88 0.48 0.00	31.37 0.63 0.00	38.27 1.10 0.00	25.57 0.57 0.00	23.68 0.46 0.00	27.54 0.70 0.00	21.53 0.46 0.00	24.60 0.55 0.00	25.52 0.59 0.00	29.24 0.82 0.00	31.89 0.94 0.00	30.49 1.14 0.00	35.34 1.57 0.00	44.55 1.61 0.00	44.79 1.39 0.00	39.63 1.27 0.00	33.28 0.82 0.00	26.16 0.63 0.00	25.12 0.55 0.00
ENORWICH_115KV_TB1 80156	23.35 1.20 0.00	24.20 1.33 0.00	22.80 1.15 0.00	22.58 0.93 0.00	23.69 0.93 0.00	29.02 1.62 0.00	33.12 2.38 0.00	40.27 3.09 0.00	26.78 1.78 0.00	24.73 1.50 0.00	28.37 1.52 0.00	22.03 0.96 0.00	25.11 1.07 0.00	26.01 1.08 0.00	29.83 1.41 0.00	32.90 1.95 0.00	31.63 2.28 0.00	36.86 3.10 0.00	46.95 4.01 0.00	47.50 4.09 0.00	41.50 3.14 0.00	34.89 2.42 0.00	27.26 1.73 0.00	26.14 1.57 0.00
ERIE_ST__34_KV_TB1-2 80199	21.29 -0.86 0.00	22.23 -0.63 0.00	20.89 -0.77 0.00	20.75 -0.90 0.00	21.89 -0.88 0.00	26.53 -0.87 0.00	29.41 -1.34 0.00	35.86 -1.32 0.00	24.19 -0.82 0.00	22.57 -0.67 0.00	25.68 -1.16 0.00	20.08 -0.98 0.00	23.31 -0.73 0.00	24.11 -0.82 0.00	27.75 -0.67 0.00	30.13 -0.83 0.00	29.10 -0.25 0.00	33.14 -0.63 0.00	41.41 -1.55 -0.01	41.98 -1.43 -0.01	36.96 -1.41 -0.01	31.83 -0.69 -0.05	25.41 -0.18 -0.05	24.57 -0.01 0.00
ERIE_WT_PWR 323693	20.81 -1.33 0.00	21.75 -1.11 0.00	20.42 -1.24 0.00	20.28 -1.36 0.00	21.37 -1.39 0.00	25.92 -1.47 0.00	28.72 -2.02 0.00	34.27 -2.90 0.00	23.14 -1.86 0.00	21.56 -1.67 0.00	25.03 -1.81 0.00	19.56 -1.51 0.00	20.41 -1.34 2.28	20.22 -1.47 3.24	23.32 -1.42 3.68	24.86 -1.60 4.49	25.74 -1.02 2.58	31.15 -1.52 1.09	36.04 -2.63 4.28	36.95 -2.52 3.93	32.80 -2.42 3.13	19.89 -1.47 11.11	17.26 -0.78 7.49	20.92 -0.55 3.10
ESPRGFLD_115KV_TB1 80157	23.00 0.86 0.00	23.88 1.02 0.00	22.59 0.93 0.00	22.48 0.83 0.00	23.59 0.82 0.00	28.61 1.21 0.00	32.22 1.47 0.00	39.08 1.91 0.00	26.26 1.25 0.00	24.33 1.10 0.00	28.14 1.30 0.00	22.00 0.94 0.00	25.15 1.11 0.00	26.07 1.15 0.00	29.55 1.13 0.00	32.21 1.25 0.00	30.72 1.38 0.00	35.50 1.74 0.00	45.28 2.33 0.00	45.97 2.56 0.00	40.40 2.04 0.00	34.22 1.76 0.00	26.85 1.32 0.00	25.80 1.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.43 0.29 0.00	23.14 0.28 0.00	21.89 0.23 0.00	21.81 0.16 0.00	22.98 0.21 0.00	27.78 0.38 0.00	31.28 0.54 0.00	37.98 0.80 0.00	25.47 0.47 0.00	23.55 0.32 0.00	27.10 0.26 0.00	21.23 0.16 0.00	24.25 0.21 0.00	25.15 0.22 0.00	28.75 0.32 0.00	31.43 0.47 0.00	30.17 0.82 0.00	35.00 1.24 0.00	44.22 1.28 0.00	44.61 1.20 0.00	39.29 0.93 0.00	33.23 0.76 0.00	26.15 0.62 0.00	25.11 0.53 0.00
ETNA____115KV_TB2 80207	22.43 0.29 0.00	23.14 0.28 0.00	21.89 0.23 0.00	21.81 0.16 0.00	22.98 0.21 0.00	27.78 0.38 0.00	31.28 0.54 0.00	37.98 0.80 0.00	25.47 0.47 0.00	23.55 0.32 0.00	27.10 0.26 0.00	21.23 0.16 0.00	24.25 0.21 0.00	25.15 0.22 0.00	28.75 0.32 0.00	31.43 0.47 0.00	30.17 0.82 0.00	35.00 1.24 0.00	44.22 1.28 0.00	44.61 1.20 0.00	39.29 0.93 0.00	33.23 0.76 0.00	26.15 0.62 0.00	25.11 0.53 0.00
EUCLID__115KV_TB2 356179	21.65 -0.49 0.00	22.34 -0.52 0.00	21.16 -0.50 0.00	21.13 -0.52 0.00	22.24 -0.53 0.00	26.76 -0.64 0.00	29.97 -0.78 0.00	36.24 -0.94 0.00	24.35 -0.65 0.00	22.62 -0.62 0.00	26.11 -0.73 0.00	20.55 -0.52 0.00	23.46 -0.58 0.00	24.32 -0.60 0.00	27.70 -0.73 0.00	30.20 -0.75 0.00	28.86 -0.49 0.00	33.36 -0.40 0.00	42.15 -0.80 0.00	42.53 -0.88 0.00	37.49 -0.87 0.00	31.73 -0.74 0.00	25.01 -0.53 0.00	24.04 -0.53 0.00
E_CANADA_CAP_HY 24051	23.06 0.92 0.00	23.98 1.12 0.00	22.67 1.02 0.00	22.59 0.94 0.00	23.69 0.92 0.00	28.69 1.29 0.00	32.25 1.50 0.00	39.11 1.94 0.00	26.30 1.30 0.00	24.31 1.08 0.00	28.20 1.35 0.00	22.08 1.01 0.00	25.29 1.26 0.00	26.25 1.32 0.00	29.71 1.29 0.00	32.39 1.43 0.00	30.82 1.47 0.00	35.49 1.73 0.00	45.32 2.38 0.00	46.09 2.69 0.00	40.51 2.16 0.00	34.46 1.99 0.00	27.04 1.51 0.00	25.98 1.41 0.00
E_CANADA_MHWK_HY 24050	21.96 -0.18 0.00	22.58 -0.28 0.00	21.42 -0.24 0.00	21.44 -0.21 0.00	22.52 -0.25 0.00	27.11 -0.29 0.00	30.99 0.24 0.00	37.92 0.75 0.00	25.14 0.13 0.00	23.13 -0.10 0.00	26.90 0.06 0.00	21.12 0.05 0.00	24.10 0.07 0.00	24.96 0.03 0.00	28.61 0.19 0.00	31.30 0.34 0.00	30.29 0.94 0.00	35.25 1.46 -0.02	44.24 1.29 0.00	44.47 1.06 0.00	39.17 0.81 0.00	32.75 0.29 0.00	25.59 0.05 0.00	24.47 -0.10 0.00
E_FISHKILL__LBMP 23776	23.06 0.91 0.00	23.68 0.82 0.00	22.45 0.79 0.00	22.47 0.83 0.00	23.68 0.91 0.00	28.51 1.12 0.00	32.37 1.62 0.00	39.54 2.37 0.00	26.43 1.43 0.00	24.47 1.24 0.00	28.31 1.47 0.00	22.14 1.07 0.00	25.18 1.14 0.00	26.08 1.16 0.00	29.76 1.34 0.00	32.46 1.51 0.00	31.16 1.81 0.00	36.43 2.67 0.00	45.84 2.89 0.00	45.95 2.55 0.00	40.57 2.21 0.00	33.95 1.48 0.00	26.62 1.08 0.00	25.50 0.92 0.00
FALCON__SEABRD_CC1 323796	22.19 0.04 0.00	23.24 0.37 0.00	21.83 0.17 0.00	21.95 0.31 0.00	23.19 0.43 0.00	28.35 0.95 0.00	31.96 1.21 0.00	38.48 1.31 0.00	25.63 0.62 0.00	23.38 0.14 0.00	26.73 -0.11 0.00	13.75 -0.38 6.94	-21.34 -0.57 44.81	-21.35 -0.56 45.71	-13.33 -0.65 41.10	-21.30 -0.72 51.54	-17.79 -1.17 45.97	-21.28 -1.90 53.14	-21.40 -1.72 62.63	-21.44 -1.35 63.49	18.10 -0.59 19.66	32.02 -0.45 0.00	-6.10 -0.73 30.91	24.67 0.10 0.00
FALCON__SEABRD_CC2 323797	22.19 0.04 0.00	23.24 0.37 0.00	21.83 0.17 0.00	21.95 0.31 0.00	23.19 0.43 0.00	28.35 0.95 0.00	31.96 1.21 0.00	38.48 1.31 0.00	25.63 0.62 0.00	23.38 0.14 0.00	26.73 -0.11 0.00	13.75 -0.38 6.94	-21.34 -0.57 44.81	-21.35 -0.56 45.71	-13.33 -0.65 41.10	-21.30 -0.72 51.54	-17.79 -1.17 45.97	-21.28 -1.90 53.14	-21.40 -1.72 62.63	-21.44 -1.35 63.49	18.10 -0.59 19.66	32.02 -0.45 0.00	-6.10 -0.73 30.91	24.67 0.10 0.00

FAR ROCKAWAY___4 23548	23.67 1.52 0.00	24.26 1.40 0.00	22.92 1.27 0.00	22.93 1.28 0.00	24.17 1.40 0.00	29.09 1.70 0.00	33.34 2.60 0.00	40.76 3.59 0.00	27.08 2.08 0.00	25.10 1.87 0.00	29.07 2.23 0.00	22.76 1.70 0.00	25.86 1.82 0.00	26.83 1.91 0.00	30.60 2.18 0.00	33.46 2.50 0.00	32.09 2.74 0.00	37.50 3.73 0.00	47.01 4.07 0.00	47.09 3.68 0.00	41.55 3.19 0.00	34.69 2.22 0.00	27.40 1.87 0.00	26.17 1.60 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.29 1.14 0.00	23.91 1.04 0.00	22.66 1.00 0.00	22.67 1.03 0.00	23.89 1.12 0.00	28.73 1.34 0.00	32.75 2.01 0.00	40.08 2.91 0.00	26.81 1.81 0.00	24.85 1.61 0.00	28.73 1.89 0.00	22.50 1.43 0.00	25.54 1.51 0.00	26.45 1.52 0.00	30.16 1.73 0.00	32.91 1.96 0.00	31.59 2.24 0.00	37.05 3.28 0.00	46.56 3.62 0.00	46.60 3.20 0.00	41.15 2.79 0.00	34.38 1.91 0.00	26.91 1.38 0.00	25.69 1.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.31 1.17 0.00	23.92 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.91 1.14 0.00	28.76 1.37 0.00	32.78 2.03 0.00	40.12 2.94 0.00	26.82 1.82 0.00	24.86 1.63 0.00	28.75 1.91 0.00	22.51 1.44 0.00	25.56 1.52 0.00	26.46 1.53 0.00	30.18 1.76 0.00	32.93 1.98 0.00	31.61 2.26 0.00	37.07 3.31 0.00	46.60 3.66 0.00	46.64 3.24 0.00	41.19 2.83 0.00	34.41 1.94 0.00	26.93 1.40 0.00	25.72 1.15 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.29 1.14 0.00	23.90 1.04 0.00	22.65 1.00 0.00	22.67 1.02 0.00	23.89 1.12 0.00	28.73 1.34 0.00	32.74 2.00 0.00	40.08 2.90 0.00	26.80 1.80 0.00	24.84 1.61 0.00	28.73 1.89 0.00	22.49 1.42 0.00	25.54 1.50 0.00	26.45 1.52 0.00	30.15 1.73 0.00	32.91 1.95 0.00	31.58 2.23 0.00	37.04 3.27 0.00	46.54 3.60 0.00	46.59 3.18 0.00	41.13 2.78 0.00	34.37 1.91 0.00	26.90 1.36 0.00	25.69 1.12 0.00
FARRAGUT___LBMP 323566	23.27 1.12 0.00	23.88 1.02 0.00	22.64 0.98 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.71 1.31 0.00	32.72 1.97 0.00	40.04 2.87 0.00	26.78 1.77 0.00	24.81 1.58 0.00	28.69 1.85 0.00	22.47 1.40 0.00	25.51 1.47 0.00	26.41 1.49 0.00	30.12 1.70 0.00	32.87 1.92 0.00	31.55 2.20 0.00	37.00 3.24 0.00	46.50 3.55 0.00	46.54 3.14 0.00	41.11 2.75 0.00	34.34 1.88 0.00	26.88 1.35 0.00	25.67 1.10 0.00
FENNER___WINDPWR 24204	22.35 0.21 0.00	23.08 0.21 0.00	21.84 0.18 0.00	21.82 0.17 0.00	22.96 0.19 0.00	27.72 0.32 0.00	31.18 0.44 0.00	37.79 0.62 0.00	25.36 0.35 0.00	23.50 0.27 0.00	27.16 0.32 0.00	21.33 0.26 0.00	24.30 0.26 0.00	25.20 0.27 0.00	28.73 0.31 0.00	31.39 0.44 0.00	30.03 0.68 0.00	34.68 0.92 0.00	43.92 0.98 0.00	44.42 1.02 0.00	39.13 0.77 0.00	33.05 0.58 0.00	26.01 0.48 0.00	24.95 0.38 0.00
FIBERTEK___ENERGY 23856	22.10 -0.04 0.00	22.80 -0.07 0.00	21.56 -0.09 0.00	21.53 -0.12 0.00	22.70 -0.06 0.00	27.37 -0.03 0.00	30.67 -0.07 0.00	37.22 0.04 0.00	25.04 0.04 0.00	23.20 -0.03 0.00	26.68 -0.16 0.00	20.98 -0.09 0.00	23.99 -0.05 0.00	24.87 -0.06 0.00	28.36 -0.06 0.00	30.91 -0.05 0.00	29.63 0.28 0.00	34.28 0.51 0.00	43.26 0.31 0.00	43.62 0.21 0.00	38.44 0.08 0.00	32.61 0.14 0.00	25.70 0.16 0.00	24.68 0.11 0.00
FITZPATRICK___ 23598	21.35 -0.79 0.00	22.05 -0.81 0.00	20.88 -0.77 0.00	20.87 -0.78 0.00	21.95 -0.82 0.00	26.38 -1.01 0.00	29.51 -1.24 0.00	35.70 -1.48 0.00	24.01 -1.00 0.00	22.31 -0.92 0.00	25.72 -1.12 0.00	20.25 -0.82 0.00	23.10 -0.94 0.00	23.94 -0.99 0.00	27.26 -1.17 0.00	29.72 -1.24 0.00	28.32 -1.03 0.00	32.68 -1.09 0.00	41.38 -1.57 0.00	41.79 -1.62 0.00	36.85 -1.51 0.00	31.21 -1.25 0.00	24.59 -0.94 0.00	23.65 -0.91 0.00
FLOWRFLD_69_KV_BK1 356044	23.66 1.52 0.00	24.24 1.38 0.00	22.88 1.23 0.00	22.89 1.24 0.00	24.13 1.36 0.00	28.88 1.49 0.00	33.32 2.58 0.00	40.81 3.63 0.00	26.95 1.95 0.00	24.94 1.71 0.00	28.92 2.08 0.00	22.66 1.59 0.00	25.72 1.68 0.00	26.74 1.81 0.00	30.53 2.11 0.00	33.47 2.51 0.00	32.42 3.07 0.00	37.77 4.01 0.00	47.26 4.31 0.00	47.28 3.88 0.00	41.74 3.38 0.00	34.94 2.47 0.00	27.42 1.88 0.00	26.13 1.55 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.36 1.22 0.00	24.00 1.13 0.00	22.74 1.08 0.00	22.76 1.11 0.00	23.98 1.21 0.00	28.92 1.53 0.00	32.87 2.13 0.00	40.17 2.99 0.00	26.84 1.84 0.00	24.81 1.58 0.00	28.67 1.83 0.00	22.41 1.34 0.00	25.48 1.44 0.00	26.40 1.47 0.00	30.14 1.72 0.00	32.92 1.97 0.00	31.65 2.30 0.00	37.02 3.26 0.00	46.59 3.65 0.00	46.70 3.30 0.00	41.22 2.86 0.00	34.50 2.03 0.00	27.02 1.49 0.00	25.87 1.30 0.00
FORT ORANGE___ 23900	22.58 0.44 0.00	23.19 0.33 0.00	22.05 0.39 0.00	22.09 0.45 0.00	23.22 0.45 0.00	27.84 0.45 0.00	31.44 0.70 0.00	38.33 1.16 0.00	25.65 0.65 0.00	23.71 0.47 0.00	27.42 0.58 0.00	21.49 0.42 0.00	24.49 0.45 0.00	25.43 0.50 0.00	29.14 0.72 0.00	31.80 0.85 0.00	30.48 1.13 0.00	35.31 1.54 0.00	44.55 1.61 0.00	44.85 1.44 0.00	39.61 1.25 0.00	33.29 0.83 0.00	26.16 0.62 0.00	25.10 0.53 0.00
FORT_DRUM_COGEN 23780	21.21 -0.94 0.00	22.13 -0.74 0.00	21.03 -0.63 0.00	20.98 -0.66 0.00	21.98 -0.79 0.00	26.68 -0.71 0.00	29.57 -1.18 0.00	35.86 -1.32 0.00	24.28 -0.73 0.00	22.45 -0.78 0.00	25.74 -1.10 0.00	20.41 -0.95 -0.29	24.82 -1.12 -1.90	25.98 -0.89 -1.94	28.64 -1.53 -1.74	31.89 -1.25 -2.19	30.28 -1.02 -1.95	34.79 -1.16 -2.18	44.29 -1.32 -2.66	45.32 -0.78 -2.70	38.11 -1.09 -0.84	31.50 -0.96 0.00	26.40 -0.45 -1.31	24.16 -0.41 0.00
FOX_HILLS___ESR 323835	23.30 1.16 0.00	23.92 1.06 0.00	22.66 1.01 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.77 1.37 0.00	32.80 2.06 0.00	40.09 2.92 0.00	26.80 1.80 0.00	24.83 1.60 0.00	28.69 1.85 0.00	22.48 1.41 0.00	25.50 1.46 0.00	26.43 1.50 0.00	30.12 1.70 0.00	32.94 1.98 0.00	31.68 2.33 0.00	37.24 3.47 0.00	46.77 3.82 0.00	46.78 3.38 0.00	41.31 2.95 0.00	34.52 2.05 0.00	26.95 1.42 0.00	25.72 1.15 0.00
FPL_FAR_ROCK_GT1 24212	23.67 1.52 0.00	24.26 1.40 0.00	22.92 1.27 0.00	22.93 1.29 0.00	24.17 1.40 0.00	29.09 1.69 0.00	33.34 2.60 0.00	40.76 3.59 0.00	27.08 2.08 0.00	25.10 1.87 0.00	29.07 2.23 0.00	22.76 1.69 0.00	25.86 1.82 0.00	26.83 1.90 0.00	30.60 2.18 0.00	33.45 2.50 0.00	32.08 2.74 0.00	37.49 3.72 0.00	47.02 4.07 0.00	47.07 3.67 0.00	41.55 3.19 0.00	34.69 2.23 0.00	27.40 1.87 0.00	26.17 1.60 0.00
FPL_FAR_ROCK_GT2 23815	23.67 1.52 0.00	24.26 1.40 0.00	22.92 1.27 0.00	22.93 1.29 0.00	24.17 1.40 0.00	29.09 1.69 0.00	33.34 2.60 0.00	40.76 3.59 0.00	27.08 2.08 0.00	25.10 1.87 0.00	29.07 2.23 0.00	22.76 1.69 0.00	25.86 1.82 0.00	26.83 1.90 0.00	30.60 2.18 0.00	33.45 2.50 0.00	32.08 2.74 0.00	37.49 3.72 0.00	47.02 4.07 0.00	47.07 3.67 0.00	41.55 3.19 0.00	34.69 2.23 0.00	27.40 1.87 0.00	26.17 1.60 0.00

FRANKLIN_FALL_HYD 24054	22.25 0.11 0.00	23.27 0.40 0.00	21.87 0.22 0.00	21.97 0.33 0.00	23.16 0.39 0.00	28.14 0.74 0.00	31.51 0.77 0.00	38.01 0.83 0.00	25.56 0.55 0.00	23.55 0.32 0.00	27.11 0.27 0.00	25.82 0.00 -4.75	54.56 -0.13 -30.66	56.11 -0.10 -31.27	56.34 -0.20 -28.12	65.97 -0.25 -35.26	60.08 -0.74 -31.46	68.10 -1.59 -35.93	84.88 -1.02 -42.95	86.37 -0.58 -43.54	51.84 0.00 -13.48	32.56 0.09 0.00	46.54 -0.19 -21.20	24.87 0.29 0.00
FREEPORT_EQUS_GT1 23764	23.53 1.39 0.00	24.10 1.24 0.00	22.78 1.12 0.00	22.79 1.14 0.00	24.02 1.25 0.00	28.87 1.48 0.00	33.12 2.38 0.00	40.52 3.34 0.00	26.88 1.87 0.00	24.92 1.68 0.00	28.86 2.02 0.00	22.58 1.51 0.00	25.64 1.60 0.00	26.62 1.69 0.00	30.36 1.94 0.00	33.21 2.25 0.00	32.07 2.72 0.00	37.48 3.72 0.00	47.00 4.06 0.00	47.05 3.64 0.00	41.54 3.18 0.00	34.69 2.22 0.00	27.19 1.66 0.00	25.98 1.41 0.00
FREEPORT___CT2 23818	23.53 1.39 0.00	24.10 1.24 0.00	22.78 1.12 0.00	22.79 1.14 0.00	24.02 1.25 0.00	28.87 1.48 0.00	33.12 2.38 0.00	40.52 3.34 0.00	26.88 1.87 0.00	24.92 1.68 0.00	28.86 2.02 0.00	22.58 1.51 0.00	25.64 1.60 0.00	26.62 1.69 0.00	30.36 1.94 0.00	33.21 2.25 0.00	32.07 2.72 0.00	37.48 3.72 0.00	47.00 4.06 0.00	47.05 3.64 0.00	41.54 3.18 0.00	34.69 2.22 0.00	27.19 1.66 0.00	25.98 1.41 0.00
FRESHKLS_33_KV_LOAD 356253	23.29 1.14 0.00	23.91 1.05 0.00	22.66 1.00 0.00	22.68 1.04 0.00	23.90 1.13 0.00	28.77 1.37 0.00	32.80 2.05 0.00	40.05 2.88 0.00	26.76 1.76 0.00	24.79 1.56 0.00	28.64 1.80 0.00	22.43 1.36 0.00	25.45 1.41 0.00	26.39 1.47 0.00	30.08 1.66 0.00	32.92 1.97 0.00	31.69 2.34 0.00	37.28 3.52 0.00	46.80 3.85 0.00	46.79 3.39 0.00	41.33 2.97 0.00	34.53 2.07 0.00	26.93 1.39 0.00	25.71 1.14 0.00
FULTON COGEN____ 23766	21.54 -0.60 0.00	22.24 -0.62 0.00	21.05 -0.60 0.00	21.03 -0.62 0.00	22.14 -0.63 0.00	26.63 -0.76 0.00	29.85 -0.90 0.00	36.13 -1.05 0.00	24.28 -0.72 0.00	22.54 -0.69 0.00	26.00 -0.84 0.00	20.46 -0.61 0.00	23.36 -0.67 0.00	24.23 -0.69 0.00	27.57 -0.85 0.00	30.06 -0.89 0.00	28.70 -0.64 0.00	33.20 -0.56 0.00	41.95 -0.99 0.00	42.33 -1.07 0.00	37.33 -1.04 0.00	31.62 -0.85 0.00	24.91 -0.63 0.00	23.94 -0.63 0.00
FULTON___LFGE 323630	24.12 1.98 0.00	24.98 2.12 0.00	23.61 1.95 0.00	23.56 1.92 0.00	24.78 2.02 0.00	30.10 2.71 0.00	34.16 3.41 0.00	41.56 4.39 0.00	27.45 2.44 0.00	24.65 1.42 0.00	29.32 2.48 0.00	22.91 1.84 0.00	26.35 2.31 0.00	27.57 2.64 0.00	31.17 2.75 0.00	34.46 3.50 0.00	33.09 3.74 0.00	38.21 4.44 0.00	48.59 5.65 0.00	49.29 5.89 0.00	43.20 4.84 0.00	36.47 4.00 0.00	28.51 2.98 0.00	27.28 2.71 0.00
G.F.CEMENT___DRP 24184	22.66 0.52 0.00	23.30 0.43 0.00	22.10 0.45 0.00	22.18 0.53 0.00	23.41 0.64 0.00	28.36 0.96 0.00	32.12 1.38 0.00	39.24 2.06 0.00	26.13 1.13 0.00	24.07 0.84 0.00	27.82 0.98 0.00	21.74 0.67 0.00	24.96 0.93 0.00	25.93 1.01 0.00	29.86 1.44 0.00	32.57 1.62 0.00	31.26 1.92 0.00	36.24 2.48 0.00	45.51 2.57 0.00	45.58 2.17 0.00	40.28 1.92 0.00	33.76 1.29 0.00	26.45 0.91 0.00	25.36 0.79 0.00
GARDENVILLE___LBMP 24039	20.76 -1.38 0.00	21.69 -1.17 0.00	20.38 -1.28 0.00	20.23 -1.42 0.00	21.33 -1.44 0.00	25.83 -1.56 0.00	28.63 -2.11 0.00	34.19 -2.99 0.00	23.07 -1.93 0.00	21.51 -1.72 0.00	24.94 -1.90 0.00	19.50 -1.57 0.00	22.62 -1.42 0.00	23.39 -1.53 0.00	26.90 -1.52 0.00	29.25 -1.71 0.00	28.23 -1.12 0.00	32.20 -1.57 0.00	40.15 -2.80 -0.01	40.72 -2.70 -0.01	35.81 -2.56 -0.01	30.93 -1.56 -0.03	24.70 -0.86 -0.03	23.97 -0.60 0.00
GARDNVLA_35_KV_LD 355827	20.84 -1.31 0.00	21.77 -1.09 0.00	20.44 -1.22 0.00	20.30 -1.35 0.00	21.40 -1.37 0.00	25.93 -1.47 0.00	28.74 -2.00 0.00	34.32 -2.85 0.00	23.17 -1.83 0.00	21.60 -1.63 0.00	25.06 -1.77 0.00	19.59 -1.48 0.00	22.72 -1.32 0.00	23.50 -1.43 0.00	27.03 -1.39 0.00	29.39 -1.56 0.00	28.39 -0.96 0.00	32.38 -1.39 0.00	40.38 -2.58 -0.01	40.93 -2.49 -0.01	36.00 -2.37 -0.01	31.11 -1.40 -0.04	24.84 -0.74 -0.04	24.07 -0.51 0.00
GELCKHM___115KV_LOAD 80723	21.82 -0.32 0.00	22.52 -0.34 0.00	21.31 -0.34 0.00	21.28 -0.36 0.00	22.42 -0.34 0.00	27.00 -0.40 0.00	30.25 -0.50 0.00	36.63 -0.54 0.00	24.63 -0.37 0.00	22.85 -0.38 0.00	26.34 -0.50 0.00	20.72 -0.35 0.00	23.67 -0.37 0.00	24.54 -0.39 0.00	27.96 -0.46 0.00	30.48 -0.47 0.00	29.17 -0.18 0.00	33.73 -0.04 0.00	42.58 -0.36 0.00	42.97 -0.44 0.00	37.87 -0.49 0.00	32.08 -0.38 0.00	25.28 -0.26 0.00	24.29 -0.28 0.00
GENERAL___MILLS 23808	20.82 -1.32 0.00	21.76 -1.11 0.00	20.44 -1.22 0.00	20.29 -1.36 0.00	21.38 -1.38 0.00	25.91 -1.48 0.00	28.72 -2.03 0.00	34.29 -2.88 0.00	23.15 -1.86 0.00	21.58 -1.65 0.00	25.04 -1.81 0.00	19.57 -1.50 0.00	22.70 -1.34 0.00	23.48 -1.45 0.00	27.00 -1.42 0.00	29.36 -1.59 0.00	28.35 -1.00 0.00	32.33 -1.44 0.00	40.32 -2.64 -0.01	40.88 -2.54 -0.01	35.95 -2.42 -0.01	31.06 -1.44 -0.04	24.80 -0.77 -0.03	24.05 -0.52 0.00
GE_PLASTICS___DRP 24183	22.53 0.39 0.00	23.15 0.29 0.00	21.99 0.34 0.00	22.03 0.38 0.00	23.15 0.39 0.00	27.80 0.40 0.00	31.36 0.62 0.00	38.20 1.03 0.00	25.59 0.59 0.00	23.69 0.45 0.00	27.40 0.57 0.00	21.47 0.40 0.00	24.49 0.45 0.00	25.40 0.47 0.00	29.06 0.64 0.00	31.70 0.75 0.00	30.31 0.97 0.00	35.10 1.34 0.00	44.31 1.37 0.00	44.59 1.18 0.00	39.41 1.05 0.00	33.13 0.66 0.00	26.04 0.51 0.00	25.01 0.43 0.00
GILBOA___1 23756	22.59 0.45 0.00	23.25 0.38 0.00	22.03 0.38 0.00	22.05 0.40 0.00	23.20 0.43 0.00	27.93 0.54 0.00	31.54 0.80 0.00	38.40 1.22 0.00	25.72 0.72 0.00	23.82 0.59 0.00	27.54 0.70 0.00	21.56 0.49 0.00	24.59 0.54 0.00	25.48 0.55 0.00	29.10 0.68 0.00	31.73 0.78 0.00	30.32 0.98 0.00	35.09 1.33 0.00	44.39 1.45 0.00	44.72 1.31 0.00	39.52 1.16 0.00	33.22 0.75 0.00	26.10 0.57 0.00	25.06 0.49 0.00
GILBOA___2 23757	22.59 0.45 0.00	23.25 0.38 0.00	22.03 0.38 0.00	22.05 0.40 0.00	23.20 0.43 0.00	27.93 0.54 0.00	31.54 0.80 0.00	38.40 1.22 0.00	25.72 0.72 0.00	23.82 0.59 0.00	27.54 0.70 0.00	21.56 0.49 0.00	24.59 0.54 0.00	25.48 0.55 0.00	29.10 0.68 0.00	31.73 0.78 0.00	30.32 0.98 0.00	35.09 1.33 0.00	44.39 1.45 0.00	44.72 1.31 0.00	39.52 1.16 0.00	33.22 0.75 0.00	26.10 0.57 0.00	25.06 0.49 0.00
GILBOA___3 23758	22.59 0.45 0.00	23.25 0.38 0.00	22.03 0.38 0.00	22.05 0.40 0.00	23.20 0.43 0.00	27.93 0.54 0.00	31.54 0.80 0.00	38.40 1.22 0.00	25.72 0.72 0.00	23.82 0.59 0.00	27.54 0.70 0.00	21.56 0.49 0.00	24.59 0.54 0.00	25.48 0.55 0.00	29.10 0.68 0.00	31.73 0.78 0.00	30.32 0.98 0.00	35.09 1.33 0.00	44.39 1.45 0.00	44.72 1.31 0.00	39.52 1.16 0.00	33.22 0.75 0.00	26.10 0.57 0.00	25.06 0.49 0.00

GILBOA___4 23759	22.59 0.45 0.00	23.25 0.38 0.00	22.03 0.38 0.00	22.05 0.40 0.00	23.20 0.43 0.00	27.93 0.54 0.00	31.54 0.80 0.00	38.40 1.22 0.00	25.72 0.72 0.00	23.82 0.59 0.00	27.54 0.70 0.00	21.56 0.49 0.00	24.59 0.54 0.00	25.48 0.55 0.00	29.10 0.68 0.00	31.73 0.78 0.00	30.32 0.98 0.00	35.09 1.33 0.00	44.39 1.45 0.00	44.72 1.31 0.00	39.52 1.16 0.00	33.22 0.75 0.00	26.10 0.57 0.00	25.06 0.49 0.00
GILBOA____ 23599	22.59 0.45 0.00	23.25 0.38 0.00	22.04 0.38 0.00	22.05 0.40 0.00	23.20 0.43 0.00	27.93 0.54 0.00	31.54 0.80 0.00	38.40 1.22 0.00	25.72 0.71 0.00	23.82 0.59 0.00	27.54 0.70 0.00	21.55 0.48 0.00	24.59 0.55 0.00	25.48 0.55 0.00	29.10 0.68 0.00	31.73 0.78 0.00	30.32 0.98 0.00	35.10 1.33 0.00	44.39 1.45 0.00	44.73 1.32 0.00	39.52 1.16 0.00	33.22 0.75 0.00	26.10 0.57 0.00	25.05 0.48 0.00
GINNA____ 23603	20.41 -1.74 0.00	21.18 -1.68 0.00	20.02 -1.63 0.00	19.96 -1.69 0.00	21.03 -1.73 0.00	25.43 -1.96 0.00	28.41 -2.33 0.00	34.27 -2.91 0.00	23.05 -1.95 0.00	21.43 -1.80 0.00	24.72 -2.12 0.00	19.43 -1.64 0.00	21.57 -1.73 0.74	22.12 -1.77 1.04	25.37 -1.97 1.08	27.54 -2.09 1.32	26.89 -1.69 0.76	31.40 -2.04 0.32	38.63 -3.05 1.27	39.15 -3.10 1.16	34.46 -2.97 0.94	26.79 -2.34 3.34	21.57 -1.71 2.26	22.05 -1.60 0.93
GLEN PARK____ 23778	21.25 -0.90 0.00	22.16 -0.70 0.00	21.05 -0.61 0.00	21.01 -0.64 0.00	22.01 -0.75 0.00	26.74 -0.66 0.00	29.67 -1.07 0.00	36.01 -1.16 0.00	24.37 -0.63 0.00	22.50 -0.74 0.00	25.78 -1.07 0.00	20.43 -0.92 -0.28	24.75 -1.09 -1.80	25.93 -0.84 -1.84	28.56 -1.51 -1.65	31.89 -1.14 -2.07	30.33 -0.87 -1.85	34.91 -0.93 -2.07	44.39 -1.08 -2.53	45.39 -0.58 -2.56	38.23 -0.93 -0.79	31.65 -0.82 0.00	26.42 -0.37 -1.25	24.22 -0.35 0.00
GLENDALE_27_KV_LOAD 356172	23.33 1.19 0.00	23.95 1.09 0.00	22.70 1.04 0.00	22.71 1.06 0.00	23.93 1.16 0.00	28.81 1.41 0.00	32.85 2.11 0.00	40.22 3.05 0.00	26.91 1.90 0.00	24.93 1.70 0.00	28.82 1.98 0.00	22.59 1.52 0.00	25.63 1.59 0.00	26.54 1.62 0.00	30.26 1.84 0.00	33.04 2.08 0.00	31.72 2.38 0.00	37.22 3.45 0.00	46.75 3.81 0.00	46.82 3.42 0.00	41.31 2.95 0.00	34.54 2.07 0.00	27.01 1.48 0.00	25.77 1.20 0.00
GLENWOOD_IC_1_G5 23712	23.42 1.27 0.00	24.01 1.15 0.00	22.73 1.07 0.00	22.74 1.09 0.00	23.96 1.19 0.00	28.83 1.43 0.00	32.95 2.21 0.00	40.29 3.11 0.00	26.77 1.76 0.00	24.87 1.64 0.00	28.80 1.96 0.00	22.53 1.47 0.00	25.60 1.56 0.00	26.55 1.62 0.00	30.28 1.86 0.00	33.07 2.11 0.00	31.76 2.41 0.00	37.14 3.37 0.00	46.61 3.67 0.00	46.68 3.28 0.00	41.22 2.86 0.00	34.54 2.07 0.00	27.07 1.53 0.00	25.86 1.29 0.00
GLENWOOD_IC_2_G1 23688	23.31 1.17 0.00	23.92 1.05 0.00	22.64 0.99 0.00	22.66 1.01 0.00	23.87 1.11 0.00	28.73 1.33 0.00	32.78 2.04 0.00	40.08 2.91 0.00	26.72 1.72 0.00	24.76 1.53 0.00	28.65 1.81 0.00	22.43 1.36 0.00	25.48 1.44 0.00	26.40 1.48 0.00	30.12 1.69 0.00	32.88 1.93 0.00	31.62 2.28 0.00	36.99 3.22 0.00	46.48 3.53 0.00	46.53 3.12 0.00	41.10 2.74 0.00	34.36 1.89 0.00	26.93 1.39 0.00	25.74 1.17 0.00
GLENWOOD_IC_3_G1 23689	23.31 1.17 0.00	23.92 1.05 0.00	22.64 0.99 0.00	22.66 1.01 0.00	23.87 1.11 0.00	28.73 1.33 0.00	32.78 2.04 0.00	40.08 2.91 0.00	26.72 1.72 0.00	24.76 1.53 0.00	28.65 1.81 0.00	22.43 1.36 0.00	25.48 1.44 0.00	26.40 1.48 0.00	30.12 1.69 0.00	32.88 1.93 0.00	31.62 2.28 0.00	36.99 3.22 0.00	46.48 3.53 0.00	46.53 3.12 0.00	41.10 2.74 0.00	34.36 1.89 0.00	26.93 1.39 0.00	25.74 1.17 0.00
GLENWOOD___4 23550	23.42 1.27 0.00	24.01 1.15 0.00	22.73 1.07 0.00	22.74 1.09 0.00	23.96 1.19 0.00	28.83 1.43 0.00	32.95 2.21 0.00	40.29 3.11 0.00	26.80 1.80 0.00	24.87 1.64 0.00	28.80 1.96 0.00	22.53 1.47 0.00	25.60 1.56 0.00	26.55 1.62 0.00	30.28 1.86 0.00	33.07 2.12 0.00	31.79 2.44 0.00	37.18 3.42 0.00	46.66 3.72 0.00	46.74 3.33 0.00	41.27 2.91 0.00	34.54 2.07 0.00	27.07 1.53 0.00	25.86 1.29 0.00
GLENWOOD___5 23614	23.42 1.27 0.00	24.01 1.15 0.00	22.73 1.07 0.00	22.74 1.09 0.00	23.96 1.19 0.00	28.83 1.43 0.00	32.95 2.21 0.00	40.29 3.11 0.00	26.80 1.80 0.00	24.87 1.64 0.00	28.80 1.96 0.00	22.53 1.47 0.00	25.60 1.56 0.00	26.55 1.62 0.00	30.28 1.86 0.00	33.07 2.12 0.00	31.79 2.44 0.00	37.18 3.42 0.00	46.66 3.72 0.00	46.74 3.33 0.00	41.27 2.91 0.00	34.54 2.07 0.00	27.07 1.53 0.00	25.86 1.29 0.00
GLOBAL GREEN_PORT_GT1 23814	24.12 1.98 0.00	24.77 1.90 0.00	23.40 1.74 0.00	23.41 1.77 0.00	24.67 1.91 0.00	29.40 2.00 0.00	34.11 3.37 0.00	41.90 4.73 0.00	27.48 2.48 0.00	25.25 2.02 0.00	29.26 2.42 0.00	22.90 1.83 0.00	25.98 1.94 0.00	27.02 2.10 0.00	31.00 2.58 0.00	33.93 2.98 0.00	33.01 3.66 0.00	38.58 4.81 0.00	48.31 5.36 0.00	48.29 4.88 0.00	42.61 4.25 0.00	35.68 3.21 0.00	27.98 2.45 0.00	26.59 2.01 0.00
GLOBE___DSASP 323697	20.01 -2.13 0.00	20.99 -1.87 0.00	19.74 -1.91 0.00	19.62 -2.03 0.00	20.66 -2.11 0.00	24.97 -2.42 0.00	27.55 -3.20 0.00	32.66 -4.52 0.00	21.96 -3.05 0.00	20.53 -2.70 0.00	23.79 -3.05 0.00	18.65 -2.42 0.00	21.82 -2.22 0.00	22.55 -2.37 0.00	25.74 -2.69 0.00	27.97 -2.98 0.00	26.92 -2.43 0.00	30.56 -3.21 0.00	38.05 -4.89 0.00	38.66 -4.75 0.00	33.92 -4.44 0.00	29.50 -2.98 0.00	23.68 -1.86 0.00	23.10 -1.47 0.00
GOETHSLN___LBMP 323567	23.20 1.06 0.00	23.81 0.95 0.00	22.58 0.93 0.00	22.60 0.95 0.00	23.80 1.03 0.00	28.63 1.23 0.00	32.63 1.88 0.00	39.92 2.75 0.00	26.70 1.70 0.00	24.74 1.51 0.00	28.60 1.76 0.00	22.40 1.33 0.00	25.42 1.38 0.00	26.31 1.38 0.00	29.98 1.55 0.00	32.72 1.77 0.00	31.40 2.05 0.00	36.85 3.09 0.00	46.31 3.37 0.00	46.37 2.96 0.00	40.94 2.59 0.00	34.19 1.72 0.00	26.77 1.24 0.00	25.56 0.99 0.00
GOLAH___69_KV_TB 1_2 80279	21.33 -0.82 0.00	22.22 -0.65 0.00	20.95 -0.71 0.00	20.85 -0.80 0.00	21.99 -0.78 0.00	26.60 -0.79 0.00	29.66 -1.09 0.00	35.69 -1.49 0.00	24.02 -0.98 0.00	22.33 -0.90 0.00	25.75 -1.09 0.00	20.21 -0.86 0.00	23.28 -0.76 0.00	24.12 -0.80 0.00	27.61 -0.81 0.00	30.11 -0.84 0.00	28.98 -0.37 0.00	33.20 -0.57 0.00	41.61 -1.34 0.00	42.08 -1.33 0.00	37.37 -0.99 0.00	32.67 0.17 -0.03	25.91 0.35 -0.03	24.97 0.40 0.00
GOODYEAR_LAKE_HYD 323669	22.87 0.72 0.00	23.64 0.77 0.00	22.37 0.71 0.00	22.30 0.65 0.00	23.45 0.69 0.00	28.39 0.99 0.00	32.06 1.31 0.00	38.99 1.81 0.00	26.13 1.13 0.00	24.21 0.98 0.00	27.97 1.13 0.00	21.87 0.80 0.00	24.94 0.91 0.00	25.85 0.92 0.00	29.42 1.00 0.00	32.09 1.14 0.00	30.70 1.35 0.00	35.59 1.82 0.00	45.18 2.23 0.00	45.65 2.24 0.00	40.18 1.82 0.00	33.86 1.40 0.00	26.57 1.04 0.00	25.51 0.94 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	22.11 -0.04 0.00	22.80 -0.06 0.00	21.57 -0.08 0.00	21.49 -0.16 0.00	22.64 -0.13 0.00	27.32 -0.08 0.00	30.73 -0.01 0.00	37.31 0.13 0.00	25.02 0.02 0.00	23.20 -0.03 0.00	26.77 -0.07 0.00	20.97 -0.10 0.00	23.95 -0.09 0.00	24.83 -0.09 0.00	28.32 -0.10 0.00	30.88 -0.08 0.00	29.62 0.27 0.00	34.36 0.59 0.00	43.38 0.43 0.00	43.71 0.30 0.00	38.54 0.18 0.00	32.57 0.11 0.00	25.66 0.13 0.00	24.68 0.10 0.00
GOUDEY___7 23579	22.12 -0.02 0.00	22.82 -0.05 0.00	21.59 -0.07 0.00	21.51 -0.14 0.00	22.66 -0.11 0.00	27.34 -0.06 0.00	30.76 0.02 0.00	37.34 0.17 0.00	25.05 0.04 0.00	23.22 -0.01 0.00	26.79 -0.04 0.00	20.99 -0.08 0.00	23.97 -0.06 0.00	24.86 -0.07 0.00	28.35 -0.07 0.00	30.91 -0.04 0.00	29.65 0.30 0.00	34.40 0.64 0.00	43.42 0.48 0.00	43.75 0.35 0.00	38.57 0.21 0.00	32.61 0.14 0.00	25.69 0.15 0.00	24.70 0.13 0.00
GOUDEY___8 23580	22.11 -0.04 0.00	22.80 -0.06 0.00	21.57 -0.08 0.00	21.49 -0.16 0.00	22.64 -0.13 0.00	27.32 -0.08 0.00	30.73 -0.01 0.00	37.31 0.13 0.00	25.02 0.02 0.00	23.20 -0.03 0.00	26.77 -0.07 0.00	20.97 -0.10 0.00	23.95 -0.09 0.00	24.83 -0.09 0.00	28.32 -0.10 0.00	30.88 -0.08 0.00	29.62 0.27 0.00	34.36 0.59 0.00	43.38 0.43 0.00	43.71 0.30 0.00	38.54 0.18 0.00	32.57 0.11 0.00	25.66 0.13 0.00	24.68 0.10 0.00
GOWANUS_GT1_1 24077	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT1_2 24078	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT1_3 24079	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT1_4 24080	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT1_5 24084	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT1_6 24111	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT1_7 24112	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT1_8 24113	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT2_1 24114	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT2_2 24115	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT2_3 24116	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT2_4 24117	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00

GOWANUS_GT2_5 24118	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT2_6 24119	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT2_7 24120	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT2_8 24121	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT3_1 24122	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT3_2 24123	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT3_3 24124	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT3_4 24125	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT3_5 24126	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT3_6 24127	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT3_7 24128	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT3_8 24129	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
GOWANUS_GT4_1 24130	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT4_2 24131	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT4_3 24132	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00

GOWANUS_GT4_4 24133	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT4_5 24134	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT4_6 24135	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT4_7 24136	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GOWANUS_GT4_8 24137	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GREENBSH_115KV_TB3 55895	22.45 0.30 0.00	23.05 0.19 0.00	21.92 0.26 0.00	21.97 0.32 0.00	23.07 0.30 0.00	27.67 0.27 0.00	31.21 0.47 0.00	38.06 0.88 0.00	25.48 0.48 0.00	23.58 0.35 0.00	27.31 0.47 0.00	21.40 0.33 0.00	24.40 0.36 0.00	25.32 0.40 0.00	28.98 0.56 0.00	31.61 0.66 0.00	30.25 0.90 0.00	35.03 1.27 0.00	44.20 1.26 0.00	44.45 1.04 0.00	39.29 0.93 0.00	33.01 0.54 0.00	25.96 0.42 0.00	24.91 0.34 0.00
GREENDGE_115KV_TB5 80291	21.97 -0.18 0.00	22.64 -0.22 0.00	21.40 -0.26 0.00	21.23 -0.42 0.00	22.39 -0.38 0.00	27.13 -0.26 0.00	30.41 -0.33 0.00	36.72 -0.46 0.00	24.81 -0.20 0.00	22.92 -0.31 0.00	26.39 -0.45 0.00	20.65 -0.42 0.00	23.66 -0.38 0.00	24.55 -0.38 0.00	28.15 -0.27 0.00	30.72 -0.24 0.00	29.38 0.03 0.00	34.15 0.39 0.00	43.05 0.10 0.00	43.38 -0.03 0.00	38.23 -0.13 0.00	32.59 0.12 0.00	25.85 0.31 0.00	24.88 0.31 0.00
GREENIDGE___3 23582	21.97 -0.18 0.00	22.64 -0.22 0.00	21.40 -0.26 0.00	21.23 -0.42 0.00	22.39 -0.38 0.00	27.13 -0.26 0.00	30.41 -0.33 0.00	36.72 -0.46 0.00	24.81 -0.20 0.00	22.92 -0.31 0.00	26.39 -0.45 0.00	20.65 -0.42 0.00	23.66 -0.38 0.00	24.55 -0.38 0.00	28.15 -0.27 0.00	30.72 -0.24 0.00	29.38 0.03 0.00	34.15 0.39 0.00	43.05 0.10 0.00	43.38 -0.03 0.00	38.23 -0.13 0.00	32.59 0.12 0.00	25.85 0.31 0.00	24.88 0.31 0.00
GREENIDGE___4 23583	21.97 -0.18 0.00	22.65 -0.22 0.00	21.40 -0.26 0.00	21.23 -0.42 0.00	22.39 -0.38 0.00	27.14 -0.26 0.00	30.41 -0.33 0.00	36.72 -0.46 0.00	24.81 -0.20 0.00	22.93 -0.31 0.00	26.39 -0.45 0.00	20.65 -0.42 0.00	24.30 -0.38 -0.64	25.44 -0.39 -0.90	29.14 -0.27 -0.99	31.93 -0.23 -1.21	30.07 0.03 -0.69	34.42 0.37 -0.29	44.20 0.11 -1.15	44.43 -0.03 -1.05	39.05 -0.14 -0.84	35.55 0.12 -2.96	27.84 0.31 -2.00	25.69 0.29 -0.82
GREENLWN_69_KV_BK 3 55738	23.39 1.24 0.00	23.96 1.09 0.00	22.62 0.96 0.00	22.63 0.98 0.00	23.86 1.09 0.00	28.60 1.20 0.00	32.83 2.08 0.00	40.10 2.93 0.00	26.60 1.59 0.00	24.72 1.48 0.00	28.69 1.85 0.00	22.47 1.40 0.00	25.51 1.47 0.00	26.52 1.59 0.00	30.22 1.80 0.00	33.09 2.14 0.00	31.97 2.62 0.00	37.20 3.44 0.00	46.54 3.59 0.00	46.61 3.21 0.00	41.13 2.77 0.00	34.35 1.89 0.00	26.98 1.45 0.00	25.78 1.21 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00
GRISSOM___SOLAR 323813	24.12 1.98 0.00	24.98 2.12 0.00	23.61 1.95 0.00	23.56 1.92 0.00	24.78 2.02 0.00	30.10 2.71 0.00	34.16 3.41 0.00	41.56 4.39 0.00	27.45 2.44 0.00	24.65 1.42 0.00	29.32 2.48 0.00	22.91 1.84 0.00	26.35 2.31 0.00	27.57 2.64 0.00	31.17 2.75 0.00	34.46 3.50 0.00	33.09 3.74 0.00	38.21 4.44 0.00	48.59 5.65 0.00	49.29 5.89 0.00	43.20 4.84 0.00	36.47 4.00 0.00	28.51 2.98 0.00	27.28 2.71 0.00
GROVEVILLE___HYD 323602	23.36 1.22 0.00	24.00 1.13 0.00	22.74 1.08 0.00	22.76 1.11 0.00	23.98 1.21 0.00	28.92 1.53 0.00	32.87 2.13 0.00	40.17 2.99 0.00	26.84 1.84 0.00	24.81 1.58 0.00	28.67 1.83 0.00	22.41 1.34 0.00	25.48 1.44 0.00	26.40 1.47 0.00	30.14 1.72 0.00	32.92 1.97 0.00	31.65 2.30 0.00	37.02 3.26 0.00	46.59 3.65 0.00	46.70 3.30 0.00	41.22 2.86 0.00	34.50 2.03 0.00	27.02 1.49 0.00	25.87 1.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.10 -0.04 0.00	22.80 -0.07 0.00	21.56 -0.09 0.00	21.53 -0.12 0.00	22.70 -0.06 0.00	27.37 -0.03 0.00	30.67 -0.07 0.00	37.22 0.04 0.00	25.04 0.04 0.00	23.20 -0.03 0.00	26.68 -0.16 0.00	20.98 -0.09 0.00	23.99 -0.05 0.00	24.87 -0.06 0.00	28.36 -0.06 0.00	30.91 -0.05 0.00	29.63 0.28 0.00	34.28 0.51 0.00	43.26 0.31 0.00	43.62 0.21 0.00	38.44 0.08 0.00	32.61 0.14 0.00	25.70 0.16 0.00	24.68 0.11 0.00
HAMLTNNY_34_KV_TB 80303	22.28 0.14 0.00	22.98 0.11 0.00	21.74 0.09 0.00	21.70 0.06 0.00	22.89 0.12 0.00	27.64 0.24 0.00	31.01 0.26 0.00	37.67 0.50 0.00	25.37 0.36 0.00	23.47 0.24 0.00	26.94 0.10 0.00	21.15 0.09 0.00	24.25 0.21 0.00	25.15 0.23 0.00	28.70 0.28 0.00	31.28 0.32 0.00	30.07 0.72 0.00	34.79 1.03 0.00	43.85 0.91 0.00	44.22 0.82 0.00	38.98 0.62 0.00	33.04 0.57 0.00	26.06 0.52 0.00	25.03 0.46 0.00

HAMPSHIRE___PAPER_HYD 323593	21.64 -0.51 0.00	22.58 -0.28 0.00	21.39 -0.27 0.00	21.38 -0.27 0.00	22.33 -0.44 0.00	26.87 -0.52 0.00	29.72 -1.02 0.00	35.89 -1.28 0.00	24.29 -0.71 0.00	22.62 -0.61 0.00	26.11 -0.73 0.00	21.18 -0.61 -0.73	28.03 -0.71 -4.70	29.13 -0.59 -4.80	31.74 -1.00 -4.31	35.35 -1.01 -5.41	32.97 -1.21 -4.82	37.26 -1.89 -5.39	47.83 -1.70 -6.58	48.94 -1.14 -6.68	39.39 -1.04 -2.07	31.77 -0.70 0.00	28.39 -0.40 -3.25	24.29 -0.28 0.00
HARDSCRABBLE_WT_PWR 323673	21.84 -0.30 0.00	22.53 -0.33 0.00	21.38 -0.27 0.00	21.38 -0.26 0.00	22.39 -0.38 0.00	26.94 -0.46 0.00	30.74 0.00 0.00	37.57 0.40 0.00	24.94 -0.06 0.00	23.03 -0.21 0.00	26.81 -0.03 0.00	21.04 -0.02 0.00	24.06 0.02 0.00	24.86 -0.07 0.00	28.40 -0.02 0.00	31.01 0.05 0.00	29.98 0.63 0.00	34.80 1.01 -0.02	43.74 0.80 0.00	44.14 0.74 0.00	38.84 0.48 0.00	32.53 0.06 0.00	25.42 -0.12 0.00	24.33 -0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.20 1.06 0.00	23.84 0.98 0.00	22.59 0.93 0.00	22.60 0.95 0.00	23.81 1.04 0.00	28.73 1.33 0.00	32.66 1.91 0.00	39.85 2.67 0.00	26.66 1.65 0.00	24.64 1.41 0.00	28.46 1.62 0.00	22.27 1.20 0.00	25.30 1.26 0.00	26.19 1.26 0.00	29.86 1.43 0.00	32.62 1.66 0.00	31.34 1.99 0.00	36.70 2.94 0.00	46.19 3.24 0.00	46.34 2.93 0.00	40.89 2.53 0.00	34.21 1.74 0.00	26.79 1.25 0.00	25.63 1.06 0.00
HARSNRAD_115KV_TB1 81005	20.46 -1.68 0.00	21.44 -1.42 0.00	20.15 -1.51 0.00	20.02 -1.63 0.00	21.10 -1.67 0.00	25.54 -1.86 0.00	28.18 -2.56 0.00	33.60 -3.58 0.00	22.66 -2.35 0.00	21.16 -2.08 0.00	24.50 -2.34 0.00	19.17 -1.90 0.00	22.28 -1.75 0.00	23.07 -1.86 0.00	26.57 -1.85 0.00	28.92 -2.03 0.00	27.86 -1.49 0.00	31.61 -2.16 -0.01	39.38 -3.59 -0.02	39.99 -3.44 -0.02	35.15 -3.23 -0.01	30.56 -1.98 -0.07	24.40 -1.21 -0.08	23.66 -0.91 0.00
HARZA MOOSE___RIVER 24016	21.93 -0.21 0.00	22.81 -0.05 0.00	21.62 -0.04 0.00	21.62 -0.03 0.00	22.65 -0.12 0.00	27.43 0.04 0.00	30.58 -0.16 0.00	37.08 -0.09 0.00	25.02 0.02 0.00	23.19 -0.04 0.00	26.73 -0.11 0.00	21.16 -0.11 -0.21	25.21 -0.18 -1.35	26.27 -0.03 -1.38	29.40 -0.26 -1.24	32.29 -0.22 -1.55	30.77 0.04 -1.38	35.41 0.08 -1.56	44.95 0.12 -1.89	45.87 0.55 -1.92	39.12 0.16 -0.59	32.51 0.04 0.00	26.67 0.20 -0.93	24.73 0.16 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.74 -0.41 0.00	22.43 -0.43 0.00	21.24 -0.42 0.00	21.20 -0.45 0.00	22.32 -0.44 0.00	26.87 -0.53 0.00	30.09 -0.65 0.00	36.42 -0.75 0.00	24.47 -0.53 0.00	22.72 -0.51 0.00	26.22 -0.62 0.00	20.65 -0.42 0.00	23.58 -0.46 0.00	24.45 -0.48 0.00	27.81 -0.61 0.00	30.34 -0.61 0.00	29.01 -0.34 0.00	33.54 -0.22 0.00	42.36 -0.58 0.00	42.73 -0.67 0.00	37.67 -0.69 0.00	31.88 -0.58 0.00	25.11 -0.42 0.00	24.14 -0.43 0.00
HELLGATE_13_KV_LD 55870	23.23 1.09 0.00	23.85 0.99 0.00	22.60 0.95 0.00	22.62 0.98 0.00	23.82 1.06 0.00	28.69 1.29 0.00	32.71 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.81 1.58 0.00	28.68 1.84 0.00	22.49 1.42 0.00	25.50 1.46 0.00	26.41 1.49 0.00	30.11 1.69 0.00	32.87 1.92 0.00	31.56 2.21 0.00	37.02 3.26 0.00	46.51 3.57 0.00	46.57 3.17 0.00	41.11 2.75 0.00	34.35 1.88 0.00	26.88 1.34 0.00	25.64 1.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.23 1.09 0.00	23.85 0.99 0.00	22.60 0.95 0.00	22.62 0.98 0.00	23.82 1.06 0.00	28.69 1.29 0.00	32.71 1.96 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.81 1.58 0.00	28.68 1.84 0.00	22.49 1.42 0.00	25.50 1.46 0.00	26.41 1.49 0.00	30.11 1.69 0.00	32.87 1.92 0.00	31.56 2.21 0.00	37.02 3.26 0.00	46.51 3.57 0.00	46.57 3.17 0.00	41.11 2.75 0.00	34.35 1.88 0.00	26.88 1.34 0.00	25.64 1.07 0.00
HEMPSTEAD____ 23647	23.37 1.22 0.00	23.95 1.09 0.00	22.65 1.00 0.00	22.66 1.01 0.00	23.88 1.11 0.00	28.70 1.30 0.00	32.89 2.15 0.00	40.21 3.04 0.00	26.71 1.71 0.00	24.78 1.54 0.00	28.69 1.85 0.00	22.46 1.39 0.00	25.50 1.47 0.00	26.46 1.54 0.00	30.18 1.76 0.00	32.98 2.03 0.00	31.80 2.45 0.00	37.15 3.38 0.00	46.59 3.64 0.00	46.64 3.23 0.00	41.19 2.83 0.00	34.42 1.95 0.00	26.98 1.45 0.00	25.79 1.22 0.00
HEWLETT__69_KV_BK3 55828	23.57 1.42 0.00	24.16 1.30 0.00	22.83 1.18 0.00	22.84 1.19 0.00	24.08 1.31 0.00	28.96 1.57 0.00	33.19 2.45 0.00	40.58 3.40 0.00	26.96 1.96 0.00	24.99 1.76 0.00	28.95 2.11 0.00	22.66 1.59 0.00	25.74 1.71 0.00	26.71 1.79 0.00	30.47 2.05 0.00	33.32 2.36 0.00	32.04 2.69 0.00	37.44 3.68 0.00	46.93 3.99 0.00	47.00 3.60 0.00	41.50 3.14 0.00	34.63 2.16 0.00	27.28 1.74 0.00	26.04 1.47 0.00
HICKLING___1 23621	21.92 -0.22 0.00	22.58 -0.29 0.00	21.34 -0.31 0.00	21.11 -0.54 0.00	22.25 -0.52 0.00	26.94 -0.46 0.00	30.34 -0.40 0.00	37.50 0.32 0.00	24.84 -0.17 0.00	22.81 -0.42 0.00	26.29 -0.55 0.00	20.56 -0.51 0.00	23.50 -0.54 0.00	24.34 -0.59 0.00	27.81 -0.61 0.00	30.34 -0.62 0.00	29.35 0.01 0.00	34.27 0.51 0.00	43.12 0.17 0.00	43.38 -0.03 0.00	38.20 -0.16 0.00	32.40 -0.07 0.00	25.68 0.14 0.00	24.72 0.15 0.00
HICKLING___2 23622	21.92 -0.22 0.00	22.58 -0.29 0.00	21.34 -0.31 0.00	21.11 -0.54 0.00	22.25 -0.52 0.00	26.94 -0.46 0.00	30.34 -0.40 0.00	37.50 0.32 0.00	24.84 -0.17 0.00	22.81 -0.42 0.00	26.29 -0.55 0.00	20.56 -0.51 0.00	23.50 -0.54 0.00	24.34 -0.59 0.00	27.81 -0.61 0.00	30.34 -0.62 0.00	29.35 0.01 0.00	34.27 0.51 0.00	43.12 0.17 0.00	43.38 -0.03 0.00	38.20 -0.16 0.00	32.40 -0.07 0.00	25.68 0.14 0.00	24.72 0.15 0.00
HIGH FALLS___HY 23754	23.46 1.31 0.00	24.11 1.24 0.00	22.81 1.15 0.00	22.82 1.18 0.00	24.07 1.31 0.00	29.08 1.69 0.00	33.08 2.33 0.00	40.39 3.21 0.00	26.99 1.99 0.00	24.88 1.65 0.00	28.64 1.80 0.00	22.35 1.28 0.00	25.35 1.32 0.00	26.23 1.30 0.00	29.72 1.30 0.00	32.65 1.69 0.00	31.41 2.06 0.00	36.82 3.05 0.00	46.44 3.50 0.00	46.57 3.17 0.00	41.10 2.74 0.00	34.42 1.95 0.00	27.11 1.57 0.00	25.93 1.36 0.00
HILLBURN___GT 23639	23.15 1.01 0.00	23.79 0.93 0.00	22.53 0.88 0.00	22.55 0.90 0.00	23.75 0.99 0.00	28.66 1.26 0.00	32.60 1.86 0.00	39.80 2.63 0.00	26.62 1.62 0.00	24.62 1.38 0.00	28.45 1.61 0.00	22.25 1.19 0.00	25.29 1.26 0.00	26.16 1.23 0.00	29.79 1.37 0.00	32.51 1.55 0.00	31.24 1.89 0.00	36.63 2.86 0.00	46.08 3.14 0.00	46.18 2.78 0.00	40.79 2.43 0.00	34.10 1.63 0.00	26.71 1.17 0.00	25.55 0.98 0.00
HILLSIDE_115KV_TB1 80332	21.69 -0.46 0.00	22.32 -0.54 0.00	21.11 -0.55 0.00	20.94 -0.70 0.00	22.07 -0.70 0.00	26.68 -0.72 0.00	29.97 -0.77 0.00	36.41 -0.76 0.00	24.44 -0.57 0.00	22.61 -0.62 0.00	26.12 -0.72 0.00	20.42 -0.65 0.00	23.34 -0.70 0.00	24.20 -0.73 0.00	27.60 -0.82 0.00	30.03 -0.92 0.00	29.00 -0.34 0.00	33.80 0.04 0.00	42.48 -0.47 0.00	42.74 -0.67 0.00	37.64 -0.72 0.00	31.89 -0.57 0.00	25.28 -0.25 0.00	24.34 -0.24 0.00

HISHELDN_WT_PWR 323625	20.46 -1.69 0.00	21.36 -1.50 0.00	19.99 -1.67 0.00	19.81 -1.83 0.00	20.90 -1.86 0.00	25.34 -2.06 0.00	28.10 -2.65 0.00	33.51 -3.67 0.00	22.66 -2.35 0.00	21.10 -2.13 0.00	24.39 -2.45 0.00	19.03 -2.04 0.00	19.92 -1.96 2.16	19.74 -2.12 3.06	22.82 -2.12 3.48	24.41 -2.29 4.25	25.27 -1.63 2.45	30.57 -2.16 1.03	35.35 -3.54 4.05	36.23 -3.46 3.72	32.22 -3.17 2.97	19.85 -2.08 10.53	17.20 -1.23 7.11	20.73 -0.91 2.93
HOLTSVILLE_IC_1 23690	23.61 1.46 0.00	24.20 1.34 0.00	22.84 1.19 0.00	22.85 1.21 0.00	24.09 1.32 0.00	28.82 1.42 0.00	33.25 2.50 0.00	40.70 3.53 0.00	26.87 1.87 0.00	24.86 1.63 0.00	28.83 1.99 0.00	22.60 1.53 0.00	25.64 1.60 0.00	26.66 1.73 0.00	30.42 2.00 0.00	33.32 2.37 0.00	32.25 2.91 0.00	37.59 3.83 0.00	47.06 4.12 0.00	47.08 3.68 0.00	41.57 3.21 0.00	34.77 2.30 0.00	27.31 1.77 0.00	26.04 1.47 0.00
HOLTSVILLE_IC_10 23699	23.70 1.55 0.00	24.30 1.43 0.00	22.94 1.28 0.00	22.95 1.30 0.00	24.18 1.41 0.00	28.92 1.52 0.00	33.40 2.65 0.00	40.91 3.74 0.00	26.99 1.99 0.00	24.95 1.72 0.00	28.93 2.09 0.00	22.66 1.59 0.00	25.73 1.69 0.00	26.74 1.82 0.00	30.55 2.13 0.00	33.47 2.52 0.00	32.42 3.08 0.00	37.80 4.04 0.00	47.32 4.37 0.00	47.34 3.93 0.00	41.78 3.42 0.00	34.96 2.49 0.00	27.45 1.91 0.00	26.15 1.58 0.00
HOLTSVILLE_IC_2 23691	23.61 1.46 0.00	24.20 1.34 0.00	22.84 1.19 0.00	22.85 1.21 0.00	24.09 1.32 0.00	28.82 1.42 0.00	33.25 2.50 0.00	40.70 3.53 0.00	26.87 1.87 0.00	24.86 1.63 0.00	28.83 1.99 0.00	22.60 1.53 0.00	25.64 1.60 0.00	26.66 1.73 0.00	30.42 2.00 0.00	33.32 2.37 0.00	32.25 2.91 0.00	37.59 3.83 0.00	47.06 4.12 0.00	47.08 3.68 0.00	41.57 3.21 0.00	34.77 2.30 0.00	27.31 1.77 0.00	26.04 1.47 0.00
HOLTSVILLE_IC_3 23692	23.61 1.46 0.00	24.20 1.34 0.00	22.84 1.19 0.00	22.85 1.21 0.00	24.09 1.32 0.00	28.82 1.42 0.00	33.25 2.50 0.00	40.70 3.53 0.00	26.87 1.87 0.00	24.86 1.63 0.00	28.83 1.99 0.00	22.60 1.53 0.00	25.64 1.60 0.00	26.66 1.73 0.00	30.42 2.00 0.00	33.32 2.37 0.00	32.25 2.91 0.00	37.59 3.83 0.00	47.06 4.12 0.00	47.08 3.68 0.00	41.57 3.21 0.00	34.77 2.30 0.00	27.31 1.77 0.00	26.04 1.47 0.00
HOLTSVILLE_IC_4 23693	23.61 1.46 0.00	24.20 1.34 0.00	22.84 1.19 0.00	22.85 1.21 0.00	24.09 1.32 0.00	28.82 1.42 0.00	33.25 2.50 0.00	40.70 3.53 0.00	26.87 1.87 0.00	24.86 1.63 0.00	28.83 1.99 0.00	22.60 1.53 0.00	25.64 1.60 0.00	26.66 1.73 0.00	30.42 2.00 0.00	33.32 2.37 0.00	32.25 2.91 0.00	37.59 3.83 0.00	47.06 4.12 0.00	47.08 3.68 0.00	41.57 3.21 0.00	34.77 2.30 0.00	27.31 1.77 0.00	26.04 1.47 0.00
HOLTSVILLE_IC_5 23694	23.61 1.46 0.00	24.20 1.34 0.00	22.84 1.19 0.00	22.85 1.21 0.00	24.09 1.32 0.00	28.82 1.42 0.00	33.25 2.50 0.00	40.70 3.53 0.00	26.87 1.87 0.00	24.86 1.63 0.00	28.83 1.99 0.00	22.60 1.53 0.00	25.64 1.60 0.00	26.66 1.73 0.00	30.42 2.00 0.00	33.32 2.37 0.00	32.25 2.91 0.00	37.59 3.83 0.00	47.06 4.12 0.00	47.08 3.68 0.00	41.57 3.21 0.00	34.77 2.30 0.00	27.31 1.77 0.00	26.04 1.47 0.00
HOLTSVILLE_IC_6 23695	23.70 1.55 0.00	24.30 1.43 0.00	22.94 1.28 0.00	22.95 1.30 0.00	24.18 1.41 0.00	28.92 1.52 0.00	33.40 2.65 0.00	40.91 3.74 0.00	26.99 1.99 0.00	24.95 1.72 0.00	28.93 2.09 0.00	22.66 1.59 0.00	25.73 1.69 0.00	26.74 1.82 0.00	30.55 2.13 0.00	33.47 2.52 0.00	32.42 3.08 0.00	37.80 4.04 0.00	47.32 4.37 0.00	47.34 3.93 0.00	41.78 3.42 0.00	34.96 2.49 0.00	27.45 1.91 0.00	26.15 1.58 0.00
HOLTSVILLE_IC_7 23696	23.70 1.55 0.00	24.30 1.43 0.00	22.94 1.28 0.00	22.95 1.30 0.00	24.18 1.41 0.00	28.92 1.52 0.00	33.40 2.65 0.00	40.91 3.74 0.00	26.99 1.99 0.00	24.95 1.72 0.00	28.93 2.09 0.00	22.66 1.59 0.00	25.73 1.69 0.00	26.74 1.82 0.00	30.55 2.13 0.00	33.47 2.52 0.00	32.42 3.08 0.00	37.80 4.04 0.00	47.32 4.37 0.00	47.34 3.93 0.00	41.78 3.42 0.00	34.96 2.49 0.00	27.45 1.91 0.00	26.15 1.58 0.00
HOLTSVILLE_IC_8 23697	23.70 1.55 0.00	24.30 1.43 0.00	22.94 1.28 0.00	22.95 1.30 0.00	24.18 1.41 0.00	28.92 1.52 0.00	33.40 2.65 0.00	40.91 3.74 0.00	26.99 1.99 0.00	24.95 1.72 0.00	28.93 2.09 0.00	22.66 1.59 0.00	25.73 1.69 0.00	26.74 1.82 0.00	30.55 2.13 0.00	33.47 2.52 0.00	32.42 3.08 0.00	37.80 4.04 0.00	47.32 4.37 0.00	47.34 3.93 0.00	41.78 3.42 0.00	34.96 2.49 0.00	27.45 1.91 0.00	26.15 1.58 0.00
HOLTSVILLE_IC_9 23698	23.70 1.55 0.00	24.30 1.43 0.00	22.94 1.28 0.00	22.95 1.30 0.00	24.18 1.41 0.00	28.92 1.52 0.00	33.40 2.65 0.00	40.91 3.74 0.00	26.99 1.99 0.00	24.95 1.72 0.00	28.93 2.09 0.00	22.66 1.59 0.00	25.73 1.69 0.00	26.74 1.82 0.00	30.55 2.13 0.00	33.47 2.52 0.00	32.42 3.08 0.00	37.80 4.04 0.00	47.32 4.37 0.00	47.34 3.93 0.00	41.78 3.42 0.00	34.96 2.49 0.00	27.45 1.91 0.00	26.15 1.58 0.00
HOMER_HL_115KV_TB2 355744	21.87 -0.28 0.00	22.75 -0.11 0.00	21.40 -0.25 0.00	21.28 -0.37 0.00	22.49 -0.27 0.00	27.19 -0.21 0.00	30.10 -0.64 0.00	36.48 -0.70 0.00	24.55 -0.45 0.00	22.92 -0.32 0.00	26.52 -0.32 0.00	20.78 -0.28 0.00	24.06 0.03 0.00	24.79 -0.14 0.00	28.34 -0.08 0.00	30.68 -0.28 0.00	29.58 0.23 0.00	34.03 0.26 0.00	42.68 -0.27 -0.01	43.09 -0.32 -0.01	38.05 -0.32 -0.01	32.41 -0.08 -0.03	25.94 0.38 -0.03	25.05 0.48 0.00
HOWARD_WT_PWR 323690	21.27 -0.87 0.00	21.83 -1.04 0.00	20.71 -0.95 0.00	20.14 -1.51 0.00	21.14 -1.63 0.00	25.86 -1.53 0.00	29.08 -1.67 0.00	35.31 -1.87 0.00	23.53 -1.47 0.00	21.69 -1.54 0.00	25.11 -1.73 0.00	19.58 -1.49 0.00	23.29 -1.89 -1.15	24.41 -2.14 -1.62	27.81 -2.38 -1.76	30.81 -2.30 -2.15	29.36 -1.23 -1.24	33.67 -0.61 -0.52	44.15 -0.85 -2.05	44.03 -1.26 -1.88	38.78 -1.07 -1.49	37.21 -0.53 -5.27	28.85 -0.25 -3.56	25.85 -0.19 -1.47
HQ_GEN_CEDARS 23644	22.46 0.32 0.00	23.35 0.48 0.00	22.10 0.44 0.00	22.07 0.42 0.00	23.13 0.36 0.00	27.77 0.37 0.00	30.80 0.06 0.00	36.98 -0.19 0.00	25.00 0.00 0.00	23.45 0.22 0.00	27.14 0.30 0.00	21.62 0.25 -0.31	26.36 0.34 -1.99	27.31 0.35 -2.03	30.46 0.21 -1.82	33.43 0.19 -2.29	30.94 -0.45 -2.04	34.11 -1.70 -2.05	45.02 -0.70 -2.78	45.92 -0.30 -2.82	39.17 -0.07 -0.87	32.65 0.18 0.00	27.02 0.11 -1.37	24.83 0.26 0.00
HQ_GEN_CEDARS_PROXY 323590	22.46 0.32 0.00	23.35 0.49 0.00	22.10 0.44 0.00	22.07 0.42 0.00	23.13 0.36 0.00	27.77 0.37 0.00	30.80 0.06 0.00	36.98 -0.19 0.00	25.00 0.00 0.00	23.45 0.22 0.00	27.14 0.30 0.00	21.62 0.25 -0.31	26.36 0.34 -1.99	40.60 0.35 -15.32	30.46 0.22 -1.82	37.43 0.19 -6.29	38.55 -0.45 -9.66	34.14 -1.67 -2.05	45.02 -0.70 -2.78	45.92 -0.30 -2.82	39.17 -0.07 -0.87	32.65 0.18 0.00	27.02 0.11 -1.37	24.84 0.27 0.00

HQ_GEN_IMPORT 323601	22.23 0.08 0.00	23.02 0.16 0.00	21.79 0.13 0.00	21.78 0.13 0.00	22.88 0.11 0.00	27.52 0.12 0.00	30.76 0.02 0.00	36.98 -0.19 0.00	24.99 -0.01 0.00	23.31 0.07 0.00	26.93 0.09 0.00	21.15 0.08 0.00	24.15 0.11 0.00	38.34 0.12 -13.30	28.54 0.11 0.00	31.04 0.08 0.00	29.03 -0.32 0.00	32.92 -0.77 0.08	42.43 -0.51 0.00	43.13 -0.28 0.00	38.20 -0.16 0.00	32.52 0.05 0.00	25.56 0.02 0.00	24.67 0.10 0.00
HQ_GEN_WHEEL 23651	22.23 0.08 0.00	23.02 0.16 0.00	21.79 0.13 0.00	21.78 0.13 0.00	22.88 0.11 0.00	27.52 0.12 0.00	30.76 0.02 0.00	36.98 -0.19 0.00	24.99 -0.01 0.00	23.31 0.07 0.00	26.93 0.09 0.00	21.15 0.08 0.00	24.15 0.11 0.00	38.34 0.12 -13.30	28.54 0.11 0.00	31.04 0.08 0.00	29.03 -0.32 0.00	32.92 -0.77 0.08	42.43 -0.51 0.00	43.13 -0.28 0.00	38.20 -0.16 0.00	32.52 0.05 0.00	25.56 0.02 0.00	24.67 0.10 0.00
HUDSON AVE_GT_3 23810	23.32 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.70 1.05 0.00	23.91 1.15 0.00	28.77 1.38 0.00	32.78 2.04 0.00	40.13 2.95 0.00	26.83 1.83 0.00	24.87 1.64 0.00	28.76 1.92 0.00	22.52 1.46 0.00	25.58 1.54 0.00	26.48 1.55 0.00	30.19 1.77 0.00	32.96 2.01 0.00	31.63 2.28 0.00	37.09 3.33 0.00	46.62 3.68 0.00	46.67 3.27 0.00	41.20 2.85 0.00	34.43 1.96 0.00	26.95 1.42 0.00	25.73 1.16 0.00
HUDSON AVE_GT_4 23540	23.32 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.70 1.05 0.00	23.91 1.15 0.00	28.77 1.38 0.00	32.78 2.04 0.00	40.13 2.95 0.00	26.83 1.83 0.00	24.87 1.64 0.00	28.76 1.92 0.00	22.52 1.46 0.00	25.58 1.54 0.00	26.48 1.55 0.00	30.19 1.77 0.00	32.96 2.01 0.00	31.63 2.28 0.00	37.09 3.33 0.00	46.62 3.68 0.00	46.67 3.27 0.00	41.20 2.85 0.00	34.43 1.96 0.00	26.95 1.42 0.00	25.73 1.16 0.00
HUDSON AVE_GT_5 23657	23.32 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.70 1.05 0.00	23.91 1.15 0.00	28.77 1.38 0.00	32.78 2.04 0.00	40.13 2.95 0.00	26.83 1.83 0.00	24.87 1.64 0.00	28.76 1.92 0.00	22.52 1.46 0.00	25.58 1.54 0.00	26.48 1.55 0.00	30.19 1.77 0.00	32.96 2.01 0.00	31.63 2.28 0.00	37.09 3.33 0.00	46.62 3.68 0.00	46.67 3.27 0.00	41.20 2.85 0.00	34.43 1.96 0.00	26.95 1.42 0.00	25.73 1.16 0.00
HUDSON_AVE_10 24168	23.26 1.12 0.00	23.87 1.01 0.00	22.62 0.97 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.69 1.29 0.00	32.69 1.95 0.00	40.01 2.84 0.00	26.76 1.76 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.86 1.91 0.00	31.54 2.19 0.00	36.98 3.22 0.00	46.50 3.56 0.00	46.55 3.15 0.00	41.10 2.74 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.64 1.07 0.00
HUDSON___115KV_TB 4 355613	22.94 0.79 0.00	23.57 0.71 0.00	22.40 0.74 0.00	22.44 0.80 0.00	23.59 0.83 0.00	28.32 0.93 0.00	32.00 1.25 0.00	39.01 1.84 0.00	26.09 1.09 0.00	24.04 0.81 0.00	27.71 0.87 0.00	21.70 0.63 0.00	24.75 0.71 0.00	25.69 0.76 0.00	29.56 1.14 0.00	32.35 1.40 0.00	31.08 1.74 0.00	36.00 2.24 0.00	45.44 2.50 0.00	45.77 2.36 0.00	40.41 2.05 0.00	33.96 1.50 0.00	26.66 1.12 0.00	25.57 0.99 0.00
HUNTER MOUNT___DRP 323613	23.06 0.92 0.00	23.70 0.84 0.00	22.53 0.87 0.00	22.57 0.93 0.00	23.73 0.96 0.00	28.49 1.10 0.00	32.18 1.44 0.00	39.23 2.06 0.00	26.23 1.23 0.00	24.12 0.89 0.00	27.76 0.92 0.00	21.73 0.66 0.00	24.81 0.77 0.00	25.78 0.86 0.00	29.77 1.35 0.00	32.61 1.65 0.00	31.37 2.02 0.00	36.28 2.51 0.00	45.80 2.86 0.00	46.14 2.74 0.00	40.74 2.39 0.00	34.26 1.79 0.00	26.87 1.34 0.00	25.77 1.20 0.00
HUNTINGTON_RES_REC 323705	23.51 1.37 0.00	24.08 1.22 0.00	22.74 1.08 0.00	22.75 1.10 0.00	23.97 1.21 0.00	28.71 1.32 0.00	33.04 2.30 0.00	40.42 3.24 0.00	26.75 1.75 0.00	24.81 1.57 0.00	28.77 1.93 0.00	22.53 1.47 0.00	25.58 1.54 0.00	26.60 1.67 0.00	30.36 1.93 0.00	33.26 2.31 0.00	32.20 2.85 0.00	37.49 3.73 0.00	46.92 3.98 0.00	46.95 3.54 0.00	41.43 3.08 0.00	34.63 2.16 0.00	27.19 1.65 0.00	25.94 1.37 0.00
HUNTLEY___63 23557	20.61 -1.54 0.00	21.61 -1.25 0.00	20.31 -1.34 0.00	20.18 -1.47 0.00	21.26 -1.50 0.00	25.76 -1.64 0.00	28.47 -2.27 0.00	33.91 -3.26 0.00	22.84 -2.16 0.00	21.34 -1.90 0.00	24.72 -2.12 0.00	19.35 -1.71 0.00	22.51 -1.53 0.00	23.29 -1.63 0.00	26.73 -1.69 0.00	29.08 -1.87 0.00	28.03 -1.31 0.00	31.88 -1.89 0.00	39.75 -3.21 -0.01	40.33 -3.08 -0.01	35.41 -2.96 -0.01	30.73 -1.78 -0.04	24.57 -1.01 -0.04	23.84 -0.73 0.00
HUNTLEY___64 23558	20.61 -1.54 0.00	21.61 -1.25 0.00	20.31 -1.34 0.00	20.18 -1.47 0.00	21.26 -1.50 0.00	25.76 -1.64 0.00	28.47 -2.27 0.00	33.91 -3.26 0.00	22.84 -2.16 0.00	21.34 -1.90 0.00	24.72 -2.12 0.00	19.35 -1.71 0.00	22.51 -1.53 0.00	23.29 -1.63 0.00	26.73 -1.69 0.00	29.08 -1.87 0.00	28.03 -1.31 0.00	31.88 -1.89 0.00	39.75 -3.21 -0.01	40.33 -3.08 -0.01	35.41 -2.96 -0.01	30.73 -1.78 -0.04	24.57 -1.01 -0.04	23.84 -0.73 0.00
HUNTLEY___65 23559	20.61 -1.54 0.00	21.61 -1.25 0.00	20.31 -1.34 0.00	20.18 -1.47 0.00	21.26 -1.50 0.00	25.76 -1.64 0.00	28.47 -2.27 0.00	33.91 -3.26 0.00	22.84 -2.16 0.00	21.34 -1.90 0.00	24.72 -2.12 0.00	19.35 -1.71 0.00	22.51 -1.53 0.00	23.29 -1.63 0.00	26.73 -1.69 0.00	29.08 -1.87 0.00	28.03 -1.31 0.00	31.88 -1.89 0.00	39.75 -3.21 -0.01	40.33 -3.08 -0.01	35.41 -2.96 -0.01	30.73 -1.78 -0.04	24.57 -1.01 -0.04	23.84 -0.73 0.00
HUNTLEY___66 23560	20.61 -1.54 0.00	21.61 -1.25 0.00	20.31 -1.34 0.00	20.18 -1.47 0.00	21.26 -1.50 0.00	25.76 -1.64 0.00	28.47 -2.27 0.00	33.91 -3.26 0.00	22.84 -2.16 0.00	21.34 -1.90 0.00	24.72 -2.12 0.00	19.35 -1.71 0.00	22.51 -1.53 0.00	23.29 -1.63 0.00	26.73 -1.69 0.00	29.08 -1.87 0.00	28.03 -1.31 0.00	31.88 -1.89 0.00	39.75 -3.21 -0.01	40.33 -3.08 -0.01	35.41 -2.96 -0.01	30.73 -1.78 -0.04	24.57 -1.01 -0.04	23.84 -0.73 0.00
HUNTLEY___67 23561	20.50 -1.64 0.00	21.45 -1.41 0.00	20.17 -1.49 0.00	20.03 -1.62 0.00	21.11 -1.66 0.00	25.55 -1.85 0.00	28.26 -2.49 0.00	33.70 -3.47 0.00	22.73 -2.27 0.00	21.23 -2.01 0.00	24.61 -2.23 0.00	19.27 -1.80 0.00	22.37 -1.67 0.00	23.13 -1.79 0.00	26.57 -1.85 0.00	28.89 -2.07 0.00	27.84 -1.51 0.00	31.67 -2.09 0.00	39.47 -3.47 0.00	40.06 -3.35 0.00	35.20 -3.17 0.00	30.44 -2.04 -0.01	24.31 -1.24 -0.01	23.62 -0.95 0.00
HUNTLEY___68 23562	20.50 -1.64 0.00	21.45 -1.41 0.00	20.17 -1.49 0.00	20.03 -1.62 0.00	21.11 -1.66 0.00	25.55 -1.85 0.00	28.26 -2.49 0.00	33.70 -3.47 0.00	22.73 -2.27 0.00	21.23 -2.01 0.00	24.61 -2.23 0.00	19.27 -1.80 0.00	22.37 -1.67 0.00	23.13 -1.79 0.00	26.57 -1.85 0.00	28.89 -2.07 0.00	27.84 -1.51 0.00	31.67 -2.09 0.00	39.47 -3.47 0.00	40.06 -3.35 0.00	35.20 -3.17 0.00	30.44 -2.04 -0.01	24.31 -1.24 -0.01	23.62 -0.95 0.00

HYLAND___LFGE 323620	22.33 0.19 0.00	23.11 0.25 0.00	21.80 0.15 0.00	21.52 -0.13 0.00	22.69 -0.08 0.00	27.64 0.24 0.00	31.12 0.37 0.00	37.79 0.62 0.00	25.31 0.31 0.00	22.94 -0.29 0.00	26.41 -0.43 0.00	20.42 -0.66 0.00	23.90 -0.62 -0.47	24.94 -0.66 -0.67	28.60 -0.57 -0.75	31.93 0.06 -0.91	30.87 1.00 -0.52	35.56 1.58 -0.22	45.55 1.74 -0.86	45.83 1.63 -0.79	40.01 1.02 -0.63	35.58 0.88 -2.23	27.84 0.80 -1.51	25.96 0.76 -0.62
INDECK___CORINTH 23802	22.35 0.20 0.00	22.97 0.11 0.00	21.79 0.13 0.00	21.86 0.21 0.00	23.06 0.30 0.00	27.92 0.53 0.00	31.62 0.87 0.00	38.62 1.44 0.00	25.74 0.74 0.00	23.74 0.51 0.00	27.46 0.61 0.00	21.46 0.39 0.00	24.61 0.57 0.00	25.57 0.65 0.00	29.43 1.01 0.00	32.04 1.09 0.00	30.73 1.39 0.00	35.62 1.86 0.00	44.77 1.82 0.00	44.88 1.47 0.00	39.63 1.27 0.00	33.26 0.79 0.00	26.04 0.50 0.00	24.99 0.41 0.00
INDECK___ILION 23567	22.15 0.01 0.00	22.81 -0.05 0.00	21.62 -0.03 0.00	21.63 -0.01 0.00	22.75 -0.02 0.00	27.39 -0.01 0.00	31.01 0.27 0.00	37.73 0.56 0.00	25.19 0.19 0.00	23.30 0.06 0.00	26.99 0.15 0.00	21.19 0.12 0.00	24.17 0.13 0.00	25.05 0.12 0.00	28.63 0.20 0.00	31.24 0.28 0.00	29.95 0.60 0.00	34.76 0.97 -0.02	43.85 0.91 0.00	44.18 0.78 0.00	38.96 0.60 0.00	32.77 0.30 0.00	25.70 0.16 0.00	24.65 0.07 0.00
INDECK___OLEAN 23982	21.87 -0.27 0.00	22.75 -0.11 0.00	21.40 -0.25 0.00	21.28 -0.37 0.00	22.49 -0.27 0.00	27.21 -0.19 0.00	30.10 -0.64 0.00	36.48 -0.70 0.00	24.55 -0.45 0.00	22.92 -0.31 0.00	26.52 -0.32 0.00	20.78 -0.28 0.00	21.07 0.03 3.00	20.53 -0.15 4.25	23.59 -0.08 4.76	24.88 -0.26 5.81	26.24 0.24 3.34	32.56 0.21 1.41	37.16 -0.25 5.53	38.01 -0.31 5.09	34.00 -0.31 4.05	18.01 -0.12 14.34	16.20 0.35 9.68	21.02 0.44 3.99
INDECK___OSWEGO 23783	21.46 -0.68 0.00	22.16 -0.70 0.00	20.99 -0.67 0.00	20.97 -0.68 0.00	22.06 -0.71 0.00	26.53 -0.87 0.00	29.69 -1.05 0.00	35.96 -1.22 0.00	24.19 -0.82 0.00	22.46 -0.78 0.00	25.88 -0.96 0.00	20.37 -0.69 0.00	23.22 -0.82 0.00	24.07 -0.86 0.00	27.24 -1.18 0.00	29.64 -1.32 0.00	28.27 -1.07 0.00	32.69 -1.07 0.00	41.35 -1.59 0.00	41.77 -1.64 0.00	36.82 -1.54 0.00	31.36 -1.11 0.00	24.80 -0.74 0.00	23.84 -0.73 0.00
INDECK___YERKES 23781	20.61 -1.53 0.00	21.64 -1.23 0.00	20.34 -1.32 0.00	20.20 -1.45 0.00	21.29 -1.48 0.00	25.80 -1.59 0.00	28.51 -2.24 0.00	33.95 -3.23 0.00	22.87 -2.13 0.00	21.36 -1.87 0.00	24.74 -2.10 0.00	19.38 -1.69 0.00	20.54 -1.49 2.01	20.45 -1.62 2.85	23.47 -1.65 3.30	25.11 -1.81 4.03	25.76 -1.28 2.32	30.88 -1.91 0.97	35.97 -3.15 3.83	36.86 -3.02 3.52	32.63 -2.92 2.81	20.69 -1.79 9.99	17.79 -1.02 6.73	21.03 -0.75 2.79
INDIAN POINT_GT_1 24139	23.15 1.01 0.00	23.77 0.91 0.00	22.53 0.87 0.00	22.54 0.90 0.00	23.75 0.99 0.00	28.62 1.23 0.00	32.56 1.82 0.00	39.78 2.60 0.00	26.59 1.59 0.00	24.60 1.37 0.00	28.45 1.60 0.00	22.25 1.18 0.00	25.29 1.25 0.00	26.18 1.25 0.00	29.84 1.42 0.00	32.57 1.62 0.00	31.28 1.93 0.00	36.65 2.89 0.00	46.09 3.15 0.00	46.18 2.78 0.00	40.79 2.43 0.00	34.11 1.64 0.00	26.71 1.18 0.00	25.56 0.99 0.00
INDIAN POINT_GT_2 23659	23.15 1.01 0.00	23.77 0.91 0.00	22.53 0.87 0.00	22.54 0.90 0.00	23.75 0.99 0.00	28.62 1.23 0.00	32.56 1.82 0.00	39.78 2.60 0.00	26.59 1.59 0.00	24.60 1.37 0.00	28.45 1.60 0.00	22.25 1.18 0.00	25.29 1.25 0.00	26.18 1.25 0.00	29.84 1.42 0.00	32.57 1.62 0.00	31.28 1.93 0.00	36.65 2.89 0.00	46.09 3.15 0.00	46.18 2.78 0.00	40.79 2.43 0.00	34.11 1.64 0.00	26.71 1.18 0.00	25.56 0.99 0.00
INDIAN POINT_GT_3 24019	23.15 1.01 0.00	23.77 0.91 0.00	22.53 0.87 0.00	22.54 0.90 0.00	23.75 0.99 0.00	28.62 1.23 0.00	32.56 1.82 0.00	39.78 2.60 0.00	26.59 1.59 0.00	24.60 1.37 0.00	28.45 1.60 0.00	22.25 1.18 0.00	25.29 1.25 0.00	26.18 1.25 0.00	29.84 1.42 0.00	32.57 1.62 0.00	31.28 1.93 0.00	36.65 2.89 0.00	46.09 3.15 0.00	46.18 2.78 0.00	40.79 2.43 0.00	34.11 1.64 0.00	26.71 1.18 0.00	25.56 0.99 0.00
INDIAN POINT___2 23530	23.13 0.98 0.00	23.75 0.89 0.00	22.51 0.85 0.00	22.53 0.88 0.00	23.73 0.96 0.00	28.60 1.20 0.00	32.53 1.79 0.00	39.73 2.56 0.00	26.57 1.56 0.00	24.58 1.35 0.00	28.41 1.57 0.00	22.23 1.16 0.00	25.25 1.21 0.00	26.14 1.21 0.00	29.79 1.37 0.00	32.50 1.55 0.00	31.23 1.88 0.00	36.59 2.82 0.00	46.02 3.07 0.00	46.12 2.71 0.00	40.73 2.37 0.00	34.06 1.59 0.00	26.68 1.15 0.00	25.53 0.96 0.00
INDIAN POINT___3 23531	23.13 0.98 0.00	23.75 0.89 0.00	22.51 0.85 0.00	22.53 0.88 0.00	23.73 0.96 0.00	28.59 1.20 0.00	32.52 1.78 0.00	39.72 2.55 0.00	26.56 1.55 0.00	24.58 1.34 0.00	28.42 1.58 0.00	22.23 1.16 0.00	25.26 1.22 0.00	26.15 1.22 0.00	29.81 1.39 0.00	32.52 1.57 0.00	31.24 1.89 0.00	36.60 2.83 0.00	46.02 3.08 0.00	46.13 2.73 0.00	40.73 2.37 0.00	34.06 1.59 0.00	26.68 1.15 0.00	25.54 0.96 0.00
INGHAM_C_115KV_TB7 356103	21.96 -0.18 0.00	22.58 -0.28 0.00	21.42 -0.24 0.00	21.44 -0.21 0.00	22.52 -0.25 0.00	27.11 -0.29 0.00	30.99 0.24 0.00	37.92 0.75 0.00	25.14 0.13 0.00	23.13 -0.10 0.00	26.90 0.06 0.00	21.12 0.05 0.00	24.10 0.07 0.00	24.96 0.03 0.00	28.61 0.19 0.00	31.30 0.34 0.00	30.29 0.94 0.00	35.25 1.46 -0.02	44.24 1.30 0.00	44.47 1.06 0.00	39.17 0.81 0.00	32.75 0.28 0.00	25.59 0.06 0.00	24.47 -0.10 0.00
IP CORINTH___1 23988	22.46 0.32 0.00	23.10 0.23 0.00	21.91 0.25 0.00	21.97 0.32 0.00	23.19 0.42 0.00	28.08 0.68 0.00	31.78 1.04 0.00	38.83 1.65 0.00	25.89 0.88 0.00	23.86 0.63 0.00	27.59 0.75 0.00	21.56 0.49 0.00	24.74 0.70 0.00	25.71 0.78 0.00	29.58 1.16 0.00	32.21 1.26 0.00	30.91 1.56 0.00	35.83 2.07 0.00	45.02 2.07 0.00	45.12 1.71 0.00	39.84 1.48 0.00	33.44 0.97 0.00	26.19 0.66 0.00	25.12 0.55 0.00
IP___TICONDEROGA 23804	22.86 0.71 0.00	23.52 0.66 0.00	22.35 0.69 0.00	22.51 0.86 0.00	23.85 1.08 0.00	29.24 1.84 0.00	33.20 2.45 0.00	40.55 3.38 0.00	26.82 1.82 0.00	24.48 1.25 0.00	28.31 1.47 0.00	22.08 1.01 0.00	25.69 1.65 0.00	26.66 1.73 0.00	30.93 2.51 0.00	34.06 3.10 0.00	32.76 3.41 0.00	37.99 4.22 0.00	47.29 4.34 0.00	46.97 3.56 0.00	41.57 3.21 0.00	34.56 2.09 0.00	27.04 1.50 0.00	25.93 1.36 0.00
ISLIP_RES_REC 323679	23.78 1.63 0.00	24.37 1.51 0.00	23.00 1.35 0.00	23.02 1.38 0.00	24.25 1.49 0.00	29.01 1.62 0.00	33.53 2.78 0.00	41.08 3.90 0.00	27.11 2.10 0.00	25.05 1.82 0.00	29.03 2.19 0.00	22.75 1.68 0.00	25.81 1.77 0.00	26.84 1.92 0.00	30.67 2.25 0.00	33.62 2.67 0.00	32.59 3.24 0.00	37.99 4.22 0.00	47.56 4.62 0.00	47.57 4.16 0.00	41.98 3.62 0.00	35.13 2.66 0.00	27.56 2.03 0.00	26.25 1.68 0.00

NEG CENTRAL___SENECA 23627	21.97 -0.17 0.00	22.67 -0.19 0.00	21.43 -0.22 0.00	21.29 -0.36 0.00	22.46 -0.31 0.00	27.20 -0.20 0.00	30.55 -0.19 0.00	36.98 -0.19 0.00	24.93 -0.07 0.00	23.02 -0.21 0.00	26.48 -0.36 0.00	20.74 -0.33 0.00	23.77 -0.27 0.00	24.70 -0.23 0.00	28.28 -0.14 0.00	30.86 -0.10 0.00	29.61 0.26 0.00	34.38 0.62 0.00	43.33 0.38 0.00	43.67 0.26 0.00	38.48 0.12 0.00	32.73 0.26 0.00	25.87 0.33 0.00	24.86 0.29 0.00
NEG CENTRAL___STATE_STREET 24147	22.34 0.20 0.00	22.98 0.11 0.00	21.78 0.12 0.00	21.75 0.11 0.00	22.92 0.15 0.00	27.71 0.31 0.00	31.07 0.33 0.00	37.67 0.49 0.00	25.35 0.35 0.00	23.45 0.22 0.00	26.98 0.13 0.00	21.16 0.09 0.00	24.22 0.18 0.00	25.17 0.24 0.00	28.75 0.33 0.00	31.25 0.29 0.00	30.11 0.76 0.00	34.88 1.12 0.00	43.92 0.97 0.00	44.32 0.92 0.00	38.95 0.58 0.00	33.05 0.58 0.00	26.13 0.60 0.00	25.08 0.51 0.00
NEG MILLWOOD___DRP 24198	23.41 1.27 0.00	24.05 1.18 0.00	22.79 1.13 0.00	22.81 1.16 0.00	24.04 1.27 0.00	28.99 1.59 0.00	32.97 2.22 0.00	40.30 3.13 0.00	26.93 1.92 0.00	24.90 1.66 0.00	28.77 1.93 0.00	22.49 1.42 0.00	25.58 1.54 0.00	26.49 1.56 0.00	30.24 1.82 0.00	33.03 2.08 0.00	31.77 2.42 0.00	37.18 3.42 0.00	46.79 3.84 0.00	46.88 3.47 0.00	41.38 3.02 0.00	34.61 2.15 0.00	27.10 1.57 0.00	25.92 1.35 0.00
NEG NORTH_FLCN_SEA 23793	22.19 0.04 0.00	23.24 0.37 0.00	21.83 0.17 0.00	21.95 0.31 0.00	23.19 0.43 0.00	28.35 0.95 0.00	31.96 1.21 0.00	38.48 1.31 0.00	25.63 0.63 0.00	23.38 0.14 0.00	26.73 -0.11 0.00	13.75 -0.38 6.94	-21.34 -0.57 44.81	-21.34 -0.56 45.71	-13.32 -0.65 41.10	-21.30 -0.72 51.54	-17.78 -1.17 45.97	-21.30 -1.92 53.14	-21.40 -1.71 62.63	-21.43 -1.35 63.49	18.10 -0.60 19.66	32.02 -0.45 0.00	-6.10 -0.73 30.91	24.67 0.10 0.00
NEG NORTH_KES_CHATEGAY 23792	22.00 -0.15 0.00	23.03 0.16 0.00	21.61 -0.05 0.00	21.73 0.09 0.00	22.98 0.21 0.00	28.04 0.65 0.00	31.51 0.76 0.00	37.95 0.77 0.00	25.46 0.46 0.00	23.38 0.14 0.00	26.80 -0.04 0.00	13.35 -0.32 7.40	-24.24 -0.53 47.74	-24.28 -0.50 48.70	-15.99 -0.63 43.78	-24.66 -0.71 54.91	-20.77 -1.15 48.97	-24.82 -1.99 56.60	-25.43 -1.64 66.73	-25.50 -1.25 67.65	16.89 -0.52 20.95	32.02 -0.45 0.00	-8.07 -0.67 32.94	24.49 -0.08 0.00
NEG NORTH___ALICE_FALLS 23915	22.26 0.12 0.00	23.31 0.45 0.00	21.88 0.23 0.00	22.01 0.36 0.00	23.27 0.50 0.00	28.43 1.04 0.00	32.04 1.30 0.00	38.76 1.59 0.00	25.90 0.90 0.00	23.67 0.44 0.00	26.97 0.13 0.00	13.85 -0.19 7.02	-21.65 -0.39 45.29	-21.66 -0.40 46.19	-13.59 -0.49 41.52	-21.63 -0.51 52.08	-18.04 -0.94 46.44	-21.57 -1.65 53.69	-21.65 -1.31 63.28	-21.68 -0.93 64.15	18.25 -0.24 19.86	32.29 -0.18 0.00	-6.22 -0.53 31.23	24.77 0.19 0.00
NEG NORTH___LWR_SARANAC 23913	22.26 0.12 0.00	23.31 0.45 0.00	21.88 0.23 0.00	22.01 0.36 0.00	23.27 0.50 0.00	28.43 1.04 0.00	32.04 1.30 0.00	38.76 1.59 0.00	25.90 0.90 0.00	23.67 0.44 0.00	26.97 0.13 0.00	13.85 -0.19 7.02	-21.65 -0.39 45.29	-21.66 -0.40 46.19	-13.59 -0.49 41.52	-21.63 -0.51 52.08	-18.04 -0.94 46.44	-21.57 -1.65 53.69	-21.65 -1.31 63.28	-21.68 -0.93 64.15	18.25 -0.24 19.86	32.29 -0.18 0.00	-6.22 -0.53 31.23	24.77 0.19 0.00
NEG NORTH___PLATTSBURG 23628	22.26 0.12 0.00	23.31 0.45 0.00	21.88 0.23 0.00	22.01 0.36 0.00	23.27 0.50 0.00	28.43 1.04 0.00	32.04 1.30 0.00	38.76 1.59 0.00	25.90 0.90 0.00	23.67 0.44 0.00	26.97 0.13 0.00	13.85 -0.19 7.02	-21.66 -0.40 45.29	-21.67 -0.41 46.19	-13.59 -0.49 41.52	-21.65 -0.52 52.08	-18.04 -0.95 46.44	-21.54 -1.61 53.69	-21.65 -1.32 63.28	-21.69 -0.95 64.15	18.25 -0.25 19.86	32.29 -0.18 0.00	-6.22 -0.52 31.23	24.77 0.19 0.00
NEG WEST_LEA_LOCKPORT 23791	20.46 -1.68 0.00	21.44 -1.42 0.00	20.15 -1.51 0.00	20.02 -1.63 0.00	21.10 -1.67 0.00	25.54 -1.86 0.00	28.18 -2.56 0.00	33.60 -3.58 0.00	22.66 -2.35 0.00	21.16 -2.08 0.00	24.50 -2.34 0.00	19.17 -1.90 0.00	22.28 -1.75 0.00	23.07 -1.86 0.00	26.57 -1.85 0.00	28.92 -2.03 0.00	27.86 -1.49 0.00	31.61 -2.16 -0.01	39.38 -3.59 -0.02	39.99 -3.44 -0.02	35.15 -3.23 -0.01	30.56 -1.98 -0.07	24.40 -1.21 -0.08	23.66 -0.91 0.00
NEG WEST___LANCASTER 23811	21.45 -0.69 0.00	22.37 -0.49 0.00	21.04 -0.61 0.00	20.91 -0.74 0.00	22.06 -0.71 0.00	26.72 -0.68 0.00	29.58 -1.16 0.00	35.71 -1.46 0.00	24.07 -0.93 0.00	22.45 -0.78 0.00	25.88 -0.96 0.00	20.25 -0.82 0.00	23.53 -0.51 0.00	24.31 -0.62 0.00	27.94 -0.48 0.00	30.33 -0.63 0.00	29.25 -0.10 0.00	33.32 -0.45 0.00	41.68 -1.27 -0.01	42.26 -1.15 -0.01	37.27 -1.10 -0.01	31.98 -0.53 -0.04	25.56 -0.01 -0.03	24.70 0.13 0.00
NEG_PENN_ALLEGHNY 23528	22.17 0.02 0.00	22.87 0.01 0.00	21.64 -0.02 0.00	21.55 -0.10 0.00	22.71 -0.06 0.00	27.40 0.01 0.00	30.83 0.09 0.00	37.45 0.27 0.00	25.11 0.11 0.00	23.27 0.04 0.00	26.86 0.02 0.00	21.04 -0.03 0.00	24.78 -0.01 -0.75	25.97 -0.02 -1.06	29.57 0.00 -1.15	32.39 0.03 -1.41	30.53 0.38 -0.81	34.81 0.71 -0.34	44.88 0.60 -1.33	45.10 0.47 -1.22	39.65 0.33 -0.97	36.10 0.22 -3.42	28.05 0.20 -2.31	25.70 0.18 -0.95
NEG___GEN_MONROE 24207	21.33 -0.82 0.00	22.22 -0.65 0.00	20.95 -0.71 0.00	20.85 -0.80 0.00	21.99 -0.78 0.00	26.60 -0.79 0.00	29.66 -1.09 0.00	35.69 -1.49 0.00	24.02 -0.98 0.00	22.33 -0.90 0.00	25.75 -1.09 0.00	20.21 -0.86 0.00	23.28 -0.76 0.00	24.12 -0.80 0.00	27.61 -0.81 0.00	30.11 -0.84 0.00	28.98 -0.37 0.00	33.20 -0.57 0.00	41.61 -1.34 0.00	42.08 -1.33 0.00	37.37 -0.99 0.00	32.67 0.17 -0.03	25.91 0.35 -0.03	24.97 0.40 0.00
NEPA___ENERGY 23901	21.07 -1.08 0.00	21.86 -1.01 0.00	20.57 -1.09 0.00	20.43 -1.22 0.00	21.52 -1.24 0.00	26.12 -1.28 0.00	29.15 -1.60 0.00	35.09 -2.08 0.00	23.67 -1.34 0.00	21.94 -1.29 0.00	25.37 -1.47 0.00	19.78 -1.29 0.00	22.81 -1.23 0.00	23.61 -1.32 0.00	27.01 -1.41 0.00	29.34 -1.62 0.00	28.45 -0.90 0.00	32.90 -0.87 0.00	41.05 -1.90 0.00	41.44 -1.97 -0.01	36.44 -1.92 0.00	31.26 -1.23 -0.02	24.90 -0.65 -0.02	24.09 -0.48 0.00
NEVERSINK___HYD 23608	23.41 1.27 0.00	24.11 1.25 0.00	22.83 1.18 0.00	22.80 1.15 0.00	24.03 1.27 0.00	29.02 1.63 0.00	33.00 2.25 0.00	40.26 3.09 0.00	26.97 1.97 0.00	24.79 1.56 0.00	28.55 1.71 0.00	22.28 1.21 0.00	25.29 1.25 0.00	26.07 1.14 0.00	29.07 0.65 0.00	31.85 0.89 0.00	30.72 1.37 0.00	35.97 2.20 0.00	45.26 2.32 0.00	45.42 2.01 0.00	40.08 1.73 0.00	33.65 1.19 0.00	27.06 1.53 0.00	25.91 1.33 0.00
NEWKRMKL_115KV_TB1 55635	22.48 0.34 0.00	23.08 0.22 0.00	21.96 0.31 0.00	22.00 0.35 0.00	23.10 0.33 0.00	27.71 0.31 0.00	31.27 0.53 0.00	38.13 0.95 0.00	25.53 0.53 0.00	23.64 0.40 0.00	27.38 0.53 0.00	21.47 0.40 0.00	24.47 0.43 0.00	25.39 0.46 0.00	29.04 0.62 0.00	31.69 0.74 0.00	30.32 0.98 0.00	35.11 1.35 0.00	44.29 1.35 0.00	44.54 1.13 0.00	39.36 1.00 0.00	33.07 0.60 0.00	26.00 0.46 0.00	24.96 0.39 0.00

NEWTON___FALLS_HYD 23847	21.64 -0.51 0.00	22.58 -0.28 0.00	21.39 -0.27 0.00	21.38 -0.27 0.00	22.33 -0.44 0.00	26.87 -0.52 0.00	29.72 -1.02 0.00	35.89 -1.28 0.00	24.30 -0.71 0.00	22.62 -0.61 0.00	26.11 -0.73 0.00	21.19 -0.61 -0.73	28.03 -0.71 -4.70	29.13 -0.59 -4.80	31.74 -1.00 -4.31	35.35 -1.01 -5.41	32.96 -1.21 -4.82	37.21 -1.94 -5.39	47.83 -1.70 -6.58	48.95 -1.14 -6.68	39.38 -1.04 -2.07	31.77 -0.70 0.00	28.39 -0.40 -3.25	24.29 -0.29 0.00
NGRID_A1_DSASP 323792	20.05 -2.09 0.00	21.03 -1.83 0.00	19.78 -1.88 0.00	19.66 -1.99 0.00	20.70 -2.07 0.00	25.04 -2.36 0.00	27.61 -3.14 0.00	32.73 -4.44 0.00	22.02 -2.98 0.00	20.58 -2.65 0.00	23.85 -2.98 0.00	18.71 -2.36 0.00	19.91 -2.16 1.96	19.80 -2.34 2.79	22.63 -2.61 3.18	24.19 -2.88 3.88	24.77 -2.35 2.23	29.63 -3.19 0.94	34.43 -4.81 3.70	35.34 -4.67 3.41	31.27 -4.37 2.72	19.86 -2.96 9.65	17.18 -1.85 6.51	20.40 -1.48 2.69
NGRID_A2_DSASP 323793	20.05 -2.09 0.00	21.03 -1.83 0.00	19.78 -1.88 0.00	19.66 -1.99 0.00	20.70 -2.07 0.00	25.04 -2.36 0.00	27.61 -3.14 0.00	32.73 -4.44 0.00	22.02 -2.98 0.00	20.58 -2.65 0.00	23.85 -2.98 0.00	18.71 -2.36 0.00	19.91 -2.16 1.96	19.80 -2.34 2.79	22.63 -2.61 3.18	24.19 -2.88 3.88	24.77 -2.35 2.23	29.63 -3.19 0.94	34.43 -4.81 3.70	35.34 -4.67 3.41	31.27 -4.37 2.72	19.86 -2.96 9.65	17.18 -1.85 6.51	20.40 -1.48 2.69
NGRID_A4_DSASP 323807	20.05 -2.09 0.00	21.03 -1.83 0.00	19.78 -1.88 0.00	19.66 -1.99 0.00	20.70 -2.07 0.00	25.04 -2.36 0.00	27.61 -3.14 0.00	32.73 -4.44 0.00	22.02 -2.98 0.00	20.58 -2.65 0.00	23.85 -2.98 0.00	18.71 -2.36 0.00	19.91 -2.16 1.96	19.80 -2.34 2.79	22.63 -2.61 3.18	24.19 -2.88 3.88	24.77 -2.35 2.23	29.63 -3.19 0.94	34.43 -4.81 3.70	35.34 -4.67 3.41	31.27 -4.37 2.72	19.86 -2.96 9.65	17.18 -1.85 6.51	20.40 -1.48 2.69
NIAGARA_115E_LBMP 323715	20.20 -1.95 0.00	21.17 -1.70 0.00	19.90 -1.76 0.00	19.77 -1.87 0.00	20.83 -1.94 0.00	25.22 -2.18 0.00	27.73 -3.02 0.00	33.02 -4.16 0.00	22.28 -2.73 0.00	20.81 -2.42 0.00	24.10 -2.75 0.00	18.87 -2.20 0.00	19.99 -2.10 1.95	19.92 -2.24 2.77	23.05 -2.17 3.21	24.65 -2.39 3.92	25.21 -1.89 2.25	30.05 -2.77 0.94	35.03 -4.22 3.70	36.03 -3.98 3.40	31.90 -3.74 2.72	20.37 -2.48 9.62	17.48 -1.60 6.45	20.55 -1.31 2.72
NIAGARA_115W_LBMP 323714	20.01 -2.13 0.00	20.99 -1.87 0.00	19.74 -1.91 0.00	19.62 -2.03 0.00	20.66 -2.11 0.00	24.99 -2.41 0.00	27.55 -3.20 0.00	32.65 -4.52 0.00	21.96 -3.04 0.00	20.53 -2.70 0.00	23.79 -3.05 0.00	18.65 -2.42 0.00	19.87 -2.21 1.96	19.75 -2.39 2.78	22.57 -2.68 3.17	24.13 -2.95 3.87	24.70 -2.42 2.23	29.54 -3.28 0.94	34.32 -4.93 3.70	35.22 -4.79 3.40	31.17 -4.48 2.71	19.81 -3.04 9.62	17.14 -1.90 6.49	20.37 -1.53 2.68
NIAGARA_230_LBMP 323716	20.22 -1.92 0.00	21.19 -1.68 0.00	19.94 -1.72 0.00	19.81 -1.84 0.00	20.87 -1.90 0.00	25.25 -2.15 0.00	27.84 -2.90 0.00	33.17 -4.01 0.00	22.37 -2.63 0.00	20.91 -2.33 0.00	24.24 -2.60 0.00	19.00 -2.07 0.00	20.15 -1.96 1.92	20.08 -2.12 2.73	23.10 -2.23 3.09	24.70 -2.48 3.77	25.21 -1.97 2.17	30.11 -2.74 0.92	35.13 -4.21 3.61	36.01 -4.08 3.31	31.89 -3.83 2.64	20.48 -2.61 9.38	17.52 -1.67 6.34	20.59 -1.37 2.61
NIAGARA___115KV_198_GIBSON 55903	20.01 -2.13 0.00	20.99 -1.87 0.00	19.74 -1.91 0.00	19.62 -2.03 0.00	20.66 -2.11 0.00	24.97 -2.42 0.00	27.55 -3.20 0.00	32.66 -4.52 0.00	21.96 -3.05 0.00	20.53 -2.70 0.00	23.79 -3.05 0.00	18.65 -2.42 0.00	21.82 -2.22 0.00	22.55 -2.37 0.00	25.74 -2.69 0.00	27.97 -2.98 0.00	26.92 -2.43 0.00	30.56 -3.21 0.00	38.05 -4.89 0.00	38.66 -4.75 0.00	33.92 -4.44 0.00	29.50 -2.98 0.00	23.68 -1.86 0.00	23.10 -1.47 0.00
NIAGARA____ 23760	20.22 -1.92 0.00	21.19 -1.68 0.00	19.94 -1.72 0.00	19.81 -1.84 0.00	20.87 -1.90 0.00	25.25 -2.15 0.00	27.84 -2.90 0.00	33.17 -4.01 0.00	22.37 -2.63 0.00	20.91 -2.33 0.00	24.24 -2.60 0.00	19.00 -2.07 0.00	20.14 -1.96 1.93	20.07 -2.12 2.74	23.07 -2.23 3.12	24.67 -2.48 3.81	25.19 -1.97 2.19	30.10 -2.74 0.92	35.10 -4.21 3.64	35.98 -4.08 3.34	31.87 -3.83 2.67	20.41 -2.61 9.45	17.49 -1.67 6.37	20.58 -1.37 2.62
NINE_MILE_1 23575	21.35 -0.79 0.00	22.05 -0.81 0.00	20.88 -0.77 0.00	20.87 -0.78 0.00	21.95 -0.82 0.00	26.38 -1.01 0.00	29.51 -1.24 0.00	35.69 -1.48 0.00	24.00 -1.00 0.00	22.31 -0.92 0.00	25.72 -1.12 0.00	20.25 -0.82 0.00	23.10 -0.94 0.00	23.94 -0.99 0.00	27.26 -1.17 0.00	29.71 -1.24 0.00	28.32 -1.03 0.00	32.68 -1.09 0.00	41.37 -1.58 0.00	41.78 -1.62 0.00	36.85 -1.51 0.00	31.21 -1.26 0.00	24.59 -0.94 0.00	23.65 -0.92 0.00
NINE_MILE_2 23744	21.35 -0.79 0.00	22.05 -0.81 0.00	20.88 -0.77 0.00	20.87 -0.78 0.00	21.95 -0.82 0.00	26.38 -1.01 0.00	29.51 -1.24 0.00	35.70 -1.48 0.00	24.01 -1.00 0.00	22.31 -0.92 0.00	25.72 -1.12 0.00	20.25 -0.82 0.00	23.10 -0.94 0.00	23.94 -0.99 0.00	27.26 -1.17 0.00	29.72 -1.24 0.00	28.32 -1.03 0.00	32.68 -1.09 0.00	41.38 -1.57 0.00	41.79 -1.62 0.00	36.85 -1.51 0.00	31.21 -1.26 0.00	24.59 -0.94 0.00	23.65 -0.91 0.00
NM_CAPITAL___DRP 24208	22.53 0.38 0.00	23.13 0.27 0.00	21.98 0.33 0.00	22.04 0.39 0.00	23.16 0.39 0.00	27.78 0.38 0.00	31.34 0.59 0.00	38.22 1.05 0.00	25.58 0.57 0.00	23.68 0.45 0.00	27.43 0.59 0.00	21.49 0.42 0.00	24.52 0.48 0.00	25.44 0.51 0.00	29.12 0.70 0.00	31.77 0.81 0.00	30.39 1.04 0.00	35.20 1.44 0.00	44.40 1.45 0.00	44.63 1.22 0.00	39.46 1.10 0.00	33.15 0.68 0.00	26.06 0.52 0.00	25.01 0.44 0.00
NM_CENTRAL___DRP 24181	21.76 -0.38 0.00	22.46 -0.40 0.00	21.27 -0.39 0.00	21.23 -0.42 0.00	22.36 -0.41 0.00	26.91 -0.49 0.00	30.13 -0.61 0.00	36.47 -0.70 0.00	24.51 -0.50 0.00	22.75 -0.48 0.00	26.26 -0.58 0.00	20.69 -0.38 0.00	23.61 -0.43 0.00	24.48 -0.44 0.00	27.86 -0.56 0.00	30.39 -0.57 0.00	29.06 -0.28 0.00	33.60 -0.16 0.00	42.44 -0.50 0.00	42.80 -0.61 0.00	37.72 -0.64 0.00	31.93 -0.54 0.00	25.15 -0.38 0.00	24.17 -0.40 0.00
NM_FRONTIER___DRP 24179	20.01 -2.13 0.00	20.99 -1.87 0.00	19.74 -1.91 0.00	19.62 -2.03 0.00	20.66 -2.11 0.00	24.97 -2.42 0.00	27.55 -3.20 0.00	32.66 -4.52 0.00	21.96 -3.05 0.00	20.53 -2.70 0.00	23.79 -3.05 0.00	18.65 -2.42 0.00	21.82 -2.22 0.00	22.55 -2.37 0.00	25.74 -2.69 0.00	27.97 -2.98 0.00	26.92 -2.43 0.00	30.56 -3.21 0.00	38.05 -4.89 0.00	38.66 -4.75 0.00	33.92 -4.44 0.00	29.50 -2.98 0.00	23.68 -1.86 0.00	23.10 -1.47 0.00
NM_ST_REGIS___HYD 24053	22.25 0.10 0.00	23.21 0.34 0.00	21.92 0.26 0.00	21.93 0.28 0.00	22.95 0.19 0.00	27.54 0.14 0.00	30.56 -0.18 0.00	36.78 -0.40 0.00	24.84 -0.17 0.00	23.14 -0.09 0.00	26.79 -0.05 0.00	22.78 -0.12 -1.83	35.68 -0.15 -11.79	36.84 -0.12 -12.03	38.92 -0.32 -10.82	44.15 -0.38 -13.57	40.43 -1.03 -12.11	45.25 -2.19 -13.68	58.00 -1.48 -16.53	59.18 -0.98 -16.75	43.08 -0.47 -5.19	32.40 -0.07 0.00	33.58 -0.11 -8.16	24.74 0.16 0.00

NORTHPORT___1 23551	23.50 1.36 0.00	24.07 1.21 0.00	22.71 1.05 0.00	22.72 1.07 0.00	23.95 1.18 0.00	28.70 1.30 0.00	33.05 2.30 0.00	40.33 3.16 0.00	26.70 1.70 0.00	24.80 1.57 0.00	28.79 1.95 0.00	22.58 1.51 0.00	25.63 1.59 0.00	26.64 1.71 0.00	30.34 1.92 0.00	33.26 2.31 0.00	32.17 2.82 0.00	37.42 3.66 0.00	46.78 3.84 0.00	46.82 3.41 0.00	41.37 3.01 0.00	34.52 2.05 0.00	27.14 1.61 0.00	25.92 1.35 0.00
NORTHPORT___2 23552	23.50 1.36 0.00	24.07 1.21 0.00	22.71 1.05 0.00	22.72 1.07 0.00	23.95 1.18 0.00	28.70 1.30 0.00	33.05 2.30 0.00	40.33 3.16 0.00	26.70 1.70 0.00	24.80 1.57 0.00	28.79 1.95 0.00	22.58 1.51 0.00	25.63 1.59 0.00	26.64 1.71 0.00	30.34 1.92 0.00	33.26 2.31 0.00	32.17 2.82 0.00	37.42 3.66 0.00	46.78 3.84 0.00	46.82 3.41 0.00	41.37 3.01 0.00	34.52 2.05 0.00	27.14 1.61 0.00	25.92 1.35 0.00
NORTHPORT___3 23553	23.34 1.19 0.00	23.89 1.03 0.00	22.56 0.91 0.00	22.57 0.93 0.00	23.79 1.02 0.00	28.50 1.10 0.00	32.70 1.96 0.00	39.94 2.76 0.00	26.49 1.49 0.00	24.63 1.40 0.00	28.61 1.77 0.00	22.41 1.34 0.00	25.44 1.40 0.00	26.44 1.51 0.00	30.15 1.72 0.00	32.98 2.03 0.00	31.87 2.52 0.00	37.04 3.27 0.00	46.32 3.38 0.00	46.38 2.98 0.00	40.96 2.60 0.00	34.20 1.73 0.00	26.88 1.35 0.00	25.70 1.13 0.00
NORTHPORT___4 23650	23.34 1.19 0.00	23.89 1.03 0.00	22.56 0.91 0.00	22.57 0.93 0.00	23.79 1.02 0.00	28.50 1.10 0.00	32.70 1.96 0.00	39.94 2.76 0.00	26.49 1.49 0.00	24.63 1.40 0.00	28.61 1.77 0.00	22.41 1.34 0.00	25.44 1.40 0.00	26.44 1.51 0.00	30.15 1.72 0.00	32.98 2.03 0.00	31.87 2.52 0.00	37.04 3.27 0.00	46.32 3.38 0.00	46.38 2.98 0.00	40.96 2.60 0.00	34.20 1.73 0.00	26.88 1.35 0.00	25.70 1.13 0.00
NORTHPORT___IC 23718	23.50 1.36 0.00	24.07 1.21 0.00	22.71 1.05 0.00	22.72 1.07 0.00	23.95 1.18 0.00	28.70 1.30 0.00	33.05 2.30 0.00	40.33 3.16 0.00	26.70 1.70 0.00	24.80 1.57 0.00	28.79 1.95 0.00	22.58 1.51 0.00	25.63 1.59 0.00	26.64 1.71 0.00	30.34 1.92 0.00	33.26 2.31 0.00	32.17 2.82 0.00	37.42 3.66 0.00	46.78 3.84 0.00	46.82 3.41 0.00	41.37 3.01 0.00	34.52 2.05 0.00	27.14 1.61 0.00	25.92 1.35 0.00
NORTH___COUNTRY_ESR 323785	21.91 -0.24 0.00	22.93 0.07 0.00	21.52 -0.14 0.00	21.66 0.01 0.00	22.90 0.13 0.00	27.93 0.54 0.00	31.37 0.62 0.00	37.78 0.61 0.00	25.36 0.36 0.00	23.29 0.06 0.00	26.71 -0.13 0.00	13.26 -0.40 7.41	-24.39 -0.62 47.81	-24.45 -0.61 48.77	-16.15 -0.73 43.84	-24.88 -0.85 54.98	-21.00 -1.31 49.04	-25.05 -2.14 56.67	-25.76 -1.88 66.83	-25.84 -1.51 67.74	16.65 -0.73 20.98	31.90 -0.57 0.00	-8.22 -0.77 32.98	24.40 -0.17 0.00
NPX_GEN_1385_PROXY 323591	23.23 1.08 0.00	23.70 0.84 0.00	22.24 0.59 0.00	22.26 0.61 0.00	23.46 0.70 0.00	28.12 0.73 0.00	32.70 1.96 0.00	39.59 2.41 0.00	26.18 1.17 0.00	24.52 1.29 0.00	28.47 1.63 0.00	22.45 1.38 0.00	25.48 1.44 0.00	39.95 1.72 -13.30	30.09 1.67 0.00	37.26 2.31 -4.00	39.86 2.89 -7.62	37.39 3.63 0.00	46.56 3.62 0.00	46.49 3.08 0.00	41.29 2.93 0.00	34.06 1.60 0.00	27.01 1.47 0.00	25.75 1.18 0.00
NPX_GEN_CSC 323557	23.48 1.33 0.00	24.12 1.26 0.00	22.79 1.14 0.00	22.81 1.16 0.00	24.02 1.25 0.00	28.52 1.12 0.00	33.11 2.36 0.00	40.71 3.54 0.00	26.64 1.64 0.00	24.49 1.26 0.00	28.45 1.61 0.00	22.30 1.23 0.00	25.29 1.25 0.00	39.60 1.38 -13.30	30.16 1.74 0.00	36.89 1.94 -4.00	39.53 2.56 -7.62	37.26 3.49 0.00	46.65 3.71 0.00	46.65 3.24 0.00	41.18 2.82 0.00	34.53 2.06 0.00	27.11 1.57 0.00	25.76 1.18 0.00
NSINS_S_GLNS_FALLS 23858	22.61 0.47 0.00	23.25 0.38 0.00	22.06 0.40 0.00	22.12 0.47 0.00	23.35 0.59 0.00	28.29 0.89 0.00	32.04 1.29 0.00	39.13 1.95 0.00	26.07 1.07 0.00	24.03 0.79 0.00	27.78 0.94 0.00	21.71 0.64 0.00	24.92 0.88 0.00	25.89 0.96 0.00	29.80 1.38 0.00	32.48 1.52 0.00	31.18 1.83 0.00	36.14 2.38 0.00	45.40 2.46 0.00	45.47 2.07 0.00	40.17 1.82 0.00	33.68 1.21 0.00	26.38 0.85 0.00	25.30 0.73 0.00
NUCOR_STEEL___DRP 24197	22.35 0.20 0.00	22.97 0.11 0.00	21.78 0.13 0.00	21.77 0.12 0.00	22.93 0.16 0.00	27.72 0.32 0.00	31.07 0.33 0.00	37.68 0.50 0.00	25.33 0.33 0.00	23.44 0.20 0.00	26.98 0.14 0.00	21.17 0.10 0.00	24.23 0.19 0.00	25.13 0.20 0.00	28.74 0.32 0.00	31.23 0.28 0.00	30.10 0.76 0.00	34.86 1.10 0.00	43.89 0.94 0.00	44.28 0.87 0.00	38.90 0.54 0.00	33.02 0.55 0.00	26.13 0.59 0.00	25.07 0.50 0.00
NUMBER_THREE_WT_PWR 323818	21.47 -0.67 0.00	22.45 -0.41 0.00	21.30 -0.35 0.00	21.30 -0.35 0.00	22.23 -0.54 0.00	27.00 -0.40 0.00	29.81 -0.93 0.00	36.18 -1.00 0.00	24.51 -0.49 0.00	22.71 -0.52 0.00	26.09 -0.76 0.00	20.75 -0.63 -0.32	25.33 -0.78 -2.07	26.50 -0.54 -2.12	29.31 -1.02 -1.90	32.31 -1.02 -2.38	30.72 -0.75 -2.13	35.31 -0.84 -2.39	44.87 -0.98 -2.90	46.10 -0.25 -2.94	38.59 -0.68 -0.91	31.80 -0.66 0.00	26.76 -0.21 -1.43	24.37 -0.20 0.00
NYISO_LBMP_REFERENCE 24008	22.14 0.00 0.00	22.86 0.00 0.00	21.66 0.00 0.00	21.65 0.00 0.00	22.77 0.00 0.00	27.40 0.00 0.00	30.75 0.00 0.00	37.17 0.00 0.00	25.00 0.00 0.00	23.23 0.00 0.00	26.84 0.00 0.00	21.07 0.00 0.00	24.04 0.00 0.00	24.93 0.00 0.00	28.42 0.00 0.00	30.95 0.00 0.00	29.35 0.00 0.00	33.76 0.00 0.00	42.94 0.00 0.00	43.41 0.00 0.00	38.36 0.00 0.00	32.47 0.00 0.00	25.54 0.00 0.00	24.57 0.00 0.00
NYPA_BRENTWD___GT 24164	23.74 1.60 0.00	24.32 1.46 0.00	22.95 1.30 0.00	22.96 1.31 0.00	24.21 1.44 0.00	29.02 1.63 0.00	33.45 2.71 0.00	40.90 3.72 0.00	27.05 2.05 0.00	25.07 1.84 0.00	29.07 2.23 0.00	22.77 1.70 0.00	25.85 1.81 0.00	26.88 1.95 0.00	30.65 2.23 0.00	33.61 2.65 0.00	32.53 3.19 0.00	37.91 4.15 0.00	47.45 4.51 0.00	47.49 4.08 0.00	41.94 3.58 0.00	35.03 2.56 0.00	27.50 1.97 0.00	26.23 1.66 0.00
NYPA_GOWANUS___GT5 24156	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00
NYPA_GOWANUS___GT6 24157	23.31 1.17 0.00	23.93 1.07 0.00	22.68 1.03 0.00	22.69 1.05 0.00	23.91 1.14 0.00	28.77 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 1.99 0.00	31.68 2.33 0.00	37.19 3.42 0.00	46.72 3.78 0.00	46.75 3.34 0.00	41.29 2.93 0.00	34.50 2.04 0.00	26.98 1.44 0.00	25.74 1.17 0.00

NYPA_HARLEM__RVR__GT1 24160	23.20 1.05 0.00	23.81 0.95 0.00	22.56 0.90 0.00	22.57 0.93 0.00	23.77 1.00 0.00	28.56 1.16 0.00	32.60 1.85 0.00	39.88 2.71 0.00	26.65 1.65 0.00	24.73 1.50 0.00	28.57 1.73 0.00	22.38 1.31 0.00	25.39 1.35 0.00	26.31 1.38 0.00	29.98 1.56 0.00	32.72 1.77 0.00	31.37 2.03 0.00	36.83 3.08 0.01	46.28 3.34 0.00	46.37 2.97 0.00	40.92 2.56 0.00	34.24 1.77 0.00	26.82 1.28 0.00	25.59 1.02 0.00
NYPA_HARLEM__RVR__GT2 24161	23.20 1.05 0.00	23.81 0.95 0.00	22.56 0.90 0.00	22.57 0.93 0.00	23.77 1.00 0.00	28.56 1.16 0.00	32.60 1.85 0.00	39.88 2.71 0.00	26.65 1.65 0.00	24.73 1.50 0.00	28.57 1.73 0.00	22.38 1.31 0.00	25.39 1.35 0.00	26.31 1.38 0.00	29.98 1.56 0.00	32.72 1.77 0.00	31.37 2.03 0.00	36.83 3.08 0.01	46.28 3.34 0.00	46.37 2.97 0.00	40.92 2.56 0.00	34.24 1.77 0.00	26.82 1.28 0.00	25.59 1.02 0.00
NYPA_KENT____GT 24152	23.29 1.15 0.00	23.91 1.05 0.00	22.66 1.01 0.00	22.67 1.03 0.00	23.89 1.12 0.00	28.75 1.35 0.00	32.79 2.05 0.00	40.11 2.94 0.00	26.83 1.82 0.00	24.86 1.63 0.00	28.74 1.90 0.00	22.51 1.45 0.00	25.55 1.51 0.00	26.47 1.54 0.00	30.17 1.75 0.00	32.94 1.99 0.00	31.65 2.30 0.00	37.13 3.37 0.00	46.66 3.72 0.00	46.69 3.29 0.00	41.24 2.88 0.00	34.47 2.00 0.00	26.95 1.42 0.00	25.72 1.15 0.00
NYPA_POUCH1____GT 24155	23.27 1.13 0.00	23.89 1.03 0.00	22.64 0.99 0.00	22.67 1.02 0.00	23.87 1.10 0.00	28.73 1.33 0.00	32.76 2.02 0.00	40.04 2.87 0.00	26.77 1.76 0.00	24.80 1.57 0.00	28.66 1.82 0.00	22.45 1.38 0.00	25.47 1.44 0.00	26.40 1.47 0.00	30.09 1.66 0.00	32.89 1.93 0.00	31.64 2.29 0.00	37.17 3.41 0.00	46.69 3.75 0.00	46.69 3.29 0.00	41.25 2.89 0.00	34.47 2.00 0.00	26.91 1.38 0.00	25.69 1.12 0.00
NYPA_VERNON____GT2 24162	23.27 1.13 0.00	23.89 1.02 0.00	22.64 0.99 0.00	22.66 1.01 0.00	23.86 1.10 0.00	28.72 1.33 0.00	32.76 2.02 0.00	40.10 2.92 0.00	26.82 1.81 0.00	24.85 1.62 0.00	28.73 1.89 0.00	22.51 1.44 0.00	25.54 1.51 0.00	26.46 1.53 0.00	30.16 1.74 0.00	32.93 1.98 0.00	31.62 2.27 0.00	37.08 3.31 0.00	46.61 3.67 0.00	46.64 3.24 0.00	41.18 2.82 0.00	34.41 1.94 0.00	26.93 1.39 0.00	25.69 1.12 0.00
NYPA_VERNON____GT3 24163	23.27 1.13 0.00	23.89 1.02 0.00	22.64 0.99 0.00	22.66 1.01 0.00	23.86 1.10 0.00	28.72 1.33 0.00	32.76 2.02 0.00	40.10 2.92 0.00	26.82 1.81 0.00	24.85 1.62 0.00	28.73 1.89 0.00	22.51 1.44 0.00	25.54 1.51 0.00	26.46 1.53 0.00	30.16 1.74 0.00	32.93 1.98 0.00	31.62 2.27 0.00	37.08 3.31 0.00	46.61 3.67 0.00	46.64 3.24 0.00	41.18 2.82 0.00	34.41 1.94 0.00	26.93 1.39 0.00	25.69 1.12 0.00
NYPA__ASTORIA_CC1 323568	23.22 1.08 0.00	23.84 0.98 0.00	22.60 0.95 0.00	22.63 0.98 0.00	23.82 1.05 0.00	28.67 1.27 0.00	32.70 1.96 0.00	40.02 2.85 0.00	26.76 1.76 0.00	24.81 1.58 0.00	28.68 1.84 0.00	22.47 1.40 0.00	25.49 1.46 0.00	26.41 1.48 0.00	30.10 1.68 0.00	32.86 1.91 0.00	31.55 2.20 0.00	37.00 3.24 0.00	46.50 3.55 0.00	46.55 3.15 0.00	41.10 2.74 0.00	34.35 1.88 0.00	26.88 1.34 0.00	25.64 1.07 0.00
NYPA__ASTORIA_CC2 323569	23.22 1.08 0.00	23.84 0.98 0.00	22.60 0.95 0.00	22.63 0.98 0.00	23.82 1.05 0.00	28.67 1.27 0.00	32.70 1.96 0.00	40.02 2.85 0.00	26.76 1.76 0.00	24.81 1.58 0.00	28.68 1.84 0.00	22.47 1.40 0.00	25.49 1.46 0.00	26.41 1.48 0.00	30.10 1.68 0.00	32.86 1.91 0.00	31.55 2.20 0.00	37.00 3.24 0.00	46.50 3.55 0.00	46.55 3.15 0.00	41.10 2.74 0.00	34.35 1.88 0.00	26.88 1.34 0.00	25.64 1.07 0.00
NYPA__HOLTSVILL 23794	23.61 1.46 0.00	24.20 1.34 0.00	22.84 1.19 0.00	22.85 1.21 0.00	24.09 1.32 0.00	28.82 1.42 0.00	33.25 2.50 0.00	40.70 3.53 0.00	26.87 1.87 0.00	24.86 1.63 0.00	28.83 1.99 0.00	22.60 1.53 0.00	25.64 1.60 0.00	26.66 1.73 0.00	30.42 2.00 0.00	33.32 2.37 0.00	32.25 2.91 0.00	37.59 3.83 0.00	47.06 4.12 0.00	47.08 3.68 0.00	41.57 3.21 0.00	34.77 2.30 0.00	27.31 1.77 0.00	26.04 1.47 0.00
NYPA__HELLGATE_GT1 24158	23.18 1.03 0.00	23.76 0.90 0.00	22.49 0.83 0.00	22.52 0.88 0.00	23.74 0.98 0.00	28.52 1.13 0.00	32.56 1.82 0.00	39.78 2.61 0.00	26.62 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.28 1.36 0.00	29.94 1.53 0.00	32.67 1.72 0.00	31.34 1.99 0.00	36.79 3.03 0.01	46.21 3.27 0.01	46.53 3.13 0.00	41.07 2.71 0.00	34.32 1.86 0.00	26.87 1.34 0.00	25.59 1.02 0.00
NYPA__HELLGATE_GT2 24159	23.18 1.03 0.00	23.76 0.90 0.00	22.49 0.83 0.00	22.52 0.88 0.00	23.74 0.98 0.00	28.52 1.13 0.00	32.56 1.82 0.00	39.78 2.61 0.00	26.62 1.61 0.00	24.71 1.47 0.00	28.54 1.70 0.00	22.36 1.29 0.00	25.37 1.33 0.00	26.28 1.36 0.00	29.94 1.53 0.00	32.67 1.72 0.00	31.34 1.99 0.00	36.79 3.03 0.01	46.21 3.27 0.01	46.53 3.13 0.00	41.07 2.71 0.00	34.32 1.86 0.00	26.87 1.34 0.00	25.59 1.02 0.00
NYS_BARGE__HYD 23848	20.50 -1.64 0.00	21.48 -1.38 0.00	20.18 -1.47 0.00	20.05 -1.59 0.00	21.14 -1.63 0.00	25.61 -1.78 0.00	28.24 -2.50 0.00	33.68 -3.50 0.00	22.72 -2.29 0.00	21.20 -2.03 0.00	24.53 -2.31 0.00	19.20 -1.87 0.00	20.54 -1.71 1.79	20.55 -1.83 2.55	23.60 -1.77 3.06	25.29 -1.93 3.73	25.80 -1.40 2.15	30.72 -2.15 0.90	35.97 -3.44 3.54	36.89 -3.26 3.25	32.65 -3.10 2.61	21.28 -1.92 9.28	18.13 -1.16 6.24	21.06 -0.90 2.61
OAK ORCHARD__HYD 24046	21.21 -0.93 0.00	22.08 -0.79 0.00	20.83 -0.83 0.00	20.74 -0.91 0.00	21.86 -0.91 0.00	26.43 -0.96 0.00	29.46 -1.28 0.00	35.46 -1.71 0.00	23.87 -1.13 0.00	22.21 -1.02 0.00	25.65 -1.19 0.00	20.14 -0.93 0.00	22.27 -0.85 0.91	22.73 -0.91 1.29	26.10 -0.95 1.36	28.27 -1.02 1.67	27.78 -0.61 0.96	32.51 -0.85 0.40	39.75 -1.60 1.59	40.34 -1.61 1.46	35.88 -1.20 1.28	27.59 -0.04 4.84	22.45 0.17 3.26	23.44 0.22 1.35
OAKDALE__35_KV_LOAD 356122	22.09 -0.05 0.00	22.78 -0.08 0.00	21.55 -0.10 0.00	21.48 -0.17 0.00	22.62 -0.14 0.00	27.30 -0.10 0.00	30.70 -0.04 0.00	37.27 0.10 0.00	25.00 0.00 0.00	23.18 -0.05 0.00	26.76 -0.08 0.00	20.96 -0.11 0.00	23.94 -0.10 0.00	24.82 -0.10 0.00	28.30 -0.12 0.00	30.85 -0.10 0.00	29.59 0.24 0.00	34.31 0.55 0.00	43.32 0.38 0.00	43.66 0.26 0.00	38.50 0.13 0.00	32.53 0.06 0.00	25.64 0.10 0.00	24.65 0.08 0.00
OCC_CHEM__DRP 24175	20.05 -2.09 0.00	21.04 -1.83 0.00	19.78 -1.88 0.00	19.66 -1.99 0.00	20.70 -2.07 0.00	25.02 -2.38 0.00	27.61 -3.14 0.00	32.74 -4.44 0.00	22.02 -2.99 0.00	20.58 -2.65 0.00	23.86 -2.98 0.00	18.70 -2.36 0.00	21.87 -2.17 0.00	22.60 -2.32 0.00	25.80 -2.62 0.00	28.06 -2.90 0.00	27.00 -2.35 0.00	30.65 -3.12 0.00	38.17 -4.77 0.00	38.77 -4.63 0.00	34.01 -4.35 0.00	29.58 -2.90 -0.01	23.74 -1.81 -0.01	23.14 -1.43 0.00

OH_GEN_PROXY 24063	20.27 -1.87 0.00	36.29 -1.63 -15.06	19.98 -1.67 0.00	19.85 -1.80 0.00	20.92 -1.85 0.00	47.23 -2.09 -21.93	27.93 -2.82 0.00	33.33 -3.85 0.00	22.47 -2.53 0.00	21.00 -2.23 0.00	24.35 -2.49 0.00	19.09 -1.98 0.00	20.19 -1.87 1.98	34.64 -2.02 -11.73	23.13 -2.14 3.16	28.72 -2.38 -0.15	39.28 -1.88 -11.81	30.22 -2.61 0.93	35.23 -4.04 3.68	36.11 -3.91 3.38	31.98 -3.68 2.70	38.77 -2.51 -8.81	17.46 -1.61 6.46	20.59 -1.32 2.66
OLIN_CORP_DRP 24177	20.22 -1.92 0.00	21.19 -1.68 0.00	19.92 -1.73 0.00	19.80 -1.85 0.00	20.85 -1.92 0.00	25.23 -2.17 0.00	27.78 -2.97 0.00	33.08 -4.09 0.00	22.31 -2.69 0.00	20.85 -2.39 0.00	24.15 -2.70 0.00	18.90 -2.17 0.00	21.97 -2.07 0.00	22.74 -2.19 0.00	26.27 -2.15 0.00	28.56 -2.39 0.00	27.48 -1.87 0.00	31.09 -2.69 -0.01	38.75 -4.23 -0.04	39.41 -4.02 -0.03	34.63 -3.75 -0.02	30.15 -2.44 -0.12	24.09 -1.57 -0.12	23.31 -1.26 0.00
OLIN_CORP_DSASP 323712	20.05 -2.09 0.00	21.03 -1.83 0.00	19.78 -1.88 0.00	19.66 -1.99 0.00	20.70 -2.07 0.00	25.04 -2.36 0.00	27.61 -3.14 0.00	32.73 -4.44 0.00	22.02 -2.98 0.00	20.58 -2.65 0.00	23.85 -2.98 0.00	18.71 -2.36 0.00	19.91 -2.16 1.96	19.80 -2.34 2.79	22.63 -2.61 3.18	24.19 -2.88 3.88	24.77 -2.35 2.23	29.63 -3.19 0.94	34.43 -4.81 3.70	35.34 -4.67 3.41	31.27 -4.37 2.72	19.86 -2.96 9.65	17.18 -1.85 6.51	20.40 -1.48 2.69
ONEIDA_HERK_LFGE 323681	22.17 0.02 0.00	22.99 0.13 0.00	21.79 0.13 0.00	21.78 0.14 0.00	22.87 0.11 0.00	27.67 0.27 0.00	30.96 0.22 0.00	37.53 0.36 0.00	25.29 0.28 0.00	23.44 0.21 0.00	27.06 0.22 0.00	21.37 0.15 -0.15	25.14 0.12 -0.98	26.15 0.22 -1.00	29.44 0.12 -0.90	32.27 0.19 -1.13	30.78 0.42 -1.01	35.49 0.58 -1.15	44.98 0.66 -1.38	45.73 0.93 -1.40	39.37 0.58 -0.43	32.86 0.39 0.00	26.63 0.41 -0.68	24.92 0.34 0.00
ONEIDA___115KV_TB4 55905	22.53 0.38 0.00	23.28 0.41 0.00	22.04 0.38 0.00	22.04 0.39 0.00	23.20 0.43 0.00	28.03 0.63 0.00	31.55 0.80 0.00	38.25 1.08 0.00	25.68 0.67 0.00	23.79 0.56 0.00	27.51 0.67 0.00	21.62 0.55 0.00	24.59 0.55 0.00	25.50 0.58 0.00	29.08 0.66 0.00	31.77 0.82 0.00	30.42 1.07 0.00	35.10 1.34 0.00	44.42 1.48 0.00	44.90 1.50 0.00	39.55 1.19 0.00	33.37 0.90 0.00	26.26 0.72 0.00	25.18 0.61 0.00
ONONDAGA_REF_OCCRA 23987	21.96 -0.18 0.00	22.66 -0.20 0.00	21.45 -0.21 0.00	21.41 -0.24 0.00	22.55 -0.22 0.00	27.16 -0.24 0.00	30.45 -0.29 0.00	36.91 -0.26 0.00	24.80 -0.20 0.00	23.00 -0.23 0.00	26.51 -0.33 0.00	20.86 -0.21 0.00	23.83 -0.21 0.00	24.71 -0.22 0.00	28.14 -0.28 0.00	30.70 -0.25 0.00	29.39 0.04 0.00	34.00 0.24 0.00	42.95 0.00 0.00	43.31 -0.09 0.00	38.18 -0.18 0.00	32.31 -0.16 0.00	25.44 -0.10 0.00	24.44 -0.13 0.00
ONONDAGA___COGEN 23986	22.10 -0.04 0.00	22.80 -0.07 0.00	21.56 -0.09 0.00	21.53 -0.12 0.00	22.70 -0.06 0.00	27.37 -0.03 0.00	30.67 -0.07 0.00	37.22 0.04 0.00	25.04 0.04 0.00	23.20 -0.03 0.00	26.68 -0.16 0.00	20.98 -0.09 0.00	23.99 -0.05 0.00	24.87 -0.06 0.00	28.36 -0.06 0.00	30.91 -0.05 0.00	29.63 0.28 0.00	34.28 0.51 0.00	43.26 0.31 0.00	43.62 0.21 0.00	38.44 0.08 0.00	32.61 0.14 0.00	25.70 0.16 0.00	24.68 0.11 0.00
ONTARIO___LFGE 23819	21.97 -0.17 0.00	22.67 -0.19 0.00	21.43 -0.22 0.00	21.29 -0.36 0.00	22.46 -0.31 0.00	27.20 -0.19 0.00	30.55 -0.19 0.00	36.99 -0.19 0.00	24.93 -0.07 0.00	23.02 -0.22 0.00	26.48 -0.36 0.00	20.73 -0.33 0.00	23.77 -0.27 0.00	24.69 -0.23 0.00	28.28 -0.14 0.00	30.86 -0.09 0.00	29.61 0.26 0.00	34.35 0.59 0.00	43.33 0.38 0.00	43.67 0.26 0.00	38.48 0.12 0.00	32.73 0.26 0.00	25.86 0.33 0.00	24.86 0.28 0.00
ORANGEVILLE_WT_PWR 323706	20.39 -1.75 0.00	21.29 -1.58 0.00	19.90 -1.76 0.00	19.71 -1.94 0.00	20.80 -1.97 0.00	25.21 -2.18 0.00	27.99 -2.75 0.00	33.35 -3.83 0.00	22.56 -2.44 0.00	21.01 -2.22 0.00	24.28 -2.57 0.00	18.94 -2.13 0.00	19.79 -2.09 2.16	19.61 -2.26 3.06	22.68 -2.26 3.48	24.28 -2.42 4.25	25.16 -1.74 2.45	30.47 -2.26 1.03	35.20 -3.70 4.05	36.06 -3.62 3.72	32.10 -3.29 2.97	19.76 -2.17 10.53	17.13 -1.29 7.11	20.68 -0.96 2.93
ORANGEVILLE___ESR 323794	20.39 -1.75 0.00	21.29 -1.58 0.00	19.90 -1.76 0.00	19.71 -1.94 0.00	20.80 -1.97 0.00	25.21 -2.18 0.00	27.99 -2.75 0.00	33.35 -3.83 0.00	22.56 -2.44 0.00	21.01 -2.22 0.00	24.28 -2.57 0.00	18.94 -2.13 0.00	19.79 -2.09 2.16	19.61 -2.26 3.06	22.68 -2.26 3.48	24.28 -2.42 4.25	25.16 -1.74 2.45	30.47 -2.26 1.03	35.20 -3.70 4.05	36.06 -3.62 3.72	32.10 -3.29 2.97	19.76 -2.17 10.53	17.13 -1.29 7.11	20.68 -0.96 2.93
OSWEGATCHIE___HYD 24044	21.64 -0.51 0.00	22.58 -0.28 0.00	21.39 -0.27 0.00	21.38 -0.27 0.00	22.33 -0.44 0.00	26.87 -0.52 0.00	29.72 -1.02 0.00	35.89 -1.28 0.00	24.29 -0.71 0.00	22.62 -0.61 0.00	26.11 -0.73 0.00	21.18 -0.61 -0.73	28.03 -0.71 -4.70	29.13 -0.59 -4.80	31.74 -1.00 -4.31	35.35 -1.01 -5.41	32.97 -1.21 -4.82	37.26 -1.89 -5.39	47.83 -1.70 -6.58	48.94 -1.14 -6.68	39.39 -1.04 -2.07	31.77 -0.70 0.00	28.39 -0.40 -3.25	24.29 -0.28 0.00
OSWEGO___5 23606	21.52 -0.62 0.00	22.22 -0.64 0.00	21.04 -0.61 0.00	21.02 -0.63 0.00	22.11 -0.65 0.00	26.60 -0.80 0.00	29.78 -0.97 0.00	36.03 -1.14 0.00	24.22 -0.78 0.00	22.50 -0.73 0.00	25.96 -0.88 0.00	20.42 -0.65 0.00	23.29 -0.75 0.00	24.16 -0.77 0.00	27.50 -0.92 0.00	29.97 -0.98 0.00	28.59 -0.76 0.00	33.00 -0.76 0.00	41.77 -1.18 0.00	42.17 -1.23 0.00	37.19 -1.17 0.00	31.51 -0.96 0.00	24.83 -0.71 0.00	23.88 -0.69 0.00
OSWEGO___6 23613	21.52 -0.62 0.00	22.22 -0.64 0.00	21.04 -0.61 0.00	21.02 -0.63 0.00	22.11 -0.65 0.00	26.60 -0.80 0.00	29.78 -0.97 0.00	36.03 -1.14 0.00	24.22 -0.78 0.00	22.50 -0.73 0.00	25.96 -0.88 0.00	20.42 -0.65 0.00	23.29 -0.75 0.00	24.16 -0.77 0.00	27.50 -0.92 0.00	29.97 -0.98 0.00	28.59 -0.76 0.00	33.00 -0.76 0.00	41.77 -1.18 0.00	42.17 -1.23 0.00	37.19 -1.17 0.00	31.51 -0.96 0.00	24.83 -0.71 0.00	23.88 -0.69 0.00
OUTOKUMPU-AB___DRP 24206	20.61 -1.54 0.00	21.61 -1.25 0.00	20.31 -1.34 0.00	20.18 -1.47 0.00	21.26 -1.50 0.00	25.76 -1.64 0.00	28.47 -2.27 0.00	33.91 -3.26 0.00	22.84 -2.16 0.00	21.34 -1.90 0.00	24.72 -2.12 0.00	19.35 -1.71 0.00	22.51 -1.53 0.00	23.29 -1.63 0.00	26.73 -1.69 0.00	29.08 -1.87 0.00	28.03 -1.31 0.00	31.88 -1.89 0.00	39.75 -3.21 -0.01	40.33 -3.08 -0.01	35.41 -2.96 -0.01	30.73 -1.78 -0.04	24.57 -1.01 -0.04	23.84 -0.73 0.00
OXBOW___BTM 323836	20.39 -1.76 0.00	21.38 -1.48 0.00	20.11 -1.55 0.00	19.98 -1.67 0.00	21.04 -1.72 0.00	25.47 -1.93 0.00	28.14 -2.61 0.00	33.44 -3.73 0.00	22.51 -2.49 0.00	21.04 -2.19 0.00	24.38 -2.46 0.00	19.09 -1.98 0.00	22.27 -1.77 0.00	23.03 -1.90 0.00	26.36 -2.06 0.00	28.67 -2.29 0.00	27.62 -1.73 0.00	31.38 -2.38 0.00	39.12 -3.84 -0.01	39.71 -3.71 -0.01	34.84 -3.52 -0.01	30.26 -2.23 -0.03	24.23 -1.33 -0.03	23.57 -1.01 0.00

OXBOW____ 24026	20.39 -1.76 0.00	21.38 -1.48 0.00	20.11 -1.55 0.00	19.98 -1.67 0.00	21.04 -1.72 0.00	25.49 -1.91 0.00	28.13 -2.61 0.00	33.45 -3.73 0.00	22.52 -2.49 0.00	21.04 -2.19 0.00	24.37 -2.47 0.00	19.10 -1.97 0.00	20.30 -1.76 1.99	20.19 -1.92 2.82	23.12 -2.06 3.24	24.73 -2.27 3.96	25.35 -1.73 2.28	30.36 -2.45 0.96	35.32 -3.85 3.77	36.22 -3.73 3.47	32.05 -3.54 2.77	20.36 -2.28 9.82	17.55 -1.36 6.62	20.78 -1.05 2.74
OXY_CHEM_DSASP 323612	20.05 -2.09 0.00	21.04 -1.83 0.00	19.78 -1.88 0.00	19.66 -1.99 0.00	20.70 -2.07 0.00	25.02 -2.38 0.00	27.61 -3.14 0.00	32.74 -4.44 0.00	22.02 -2.99 0.00	20.58 -2.65 0.00	23.86 -2.98 0.00	18.70 -2.36 0.00	21.87 -2.17 0.00	22.60 -2.32 0.00	25.80 -2.62 0.00	28.06 -2.90 0.00	27.00 -2.35 0.00	30.65 -3.12 0.00	38.17 -4.77 0.00	38.77 -4.63 0.00	34.01 -4.35 0.00	29.58 -2.90 -0.01	23.74 -1.81 -0.01	23.14 -1.43 0.00
OZONE_PARK_ESR 323760	23.49 1.34 0.00	24.10 1.24 0.00	22.84 1.18 0.00	22.85 1.20 0.00	24.07 1.31 0.00	28.97 1.57 0.00	33.03 2.29 0.00	40.45 3.28 0.00	27.05 2.05 0.00	25.06 1.83 0.00	28.97 2.13 0.00	22.69 1.63 0.00	25.77 1.73 0.00	26.67 1.75 0.00	30.43 2.01 0.00	33.21 2.26 0.00	31.89 2.54 0.00	37.40 3.64 0.00	47.02 4.08 0.00	47.07 3.67 0.00	41.56 3.20 0.00	34.73 2.26 0.00	27.17 1.64 0.00	25.94 1.36 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.05 -2.09 0.00	21.04 -1.83 0.00	19.78 -1.88 0.00	19.66 -1.99 0.00	20.70 -2.07 0.00	25.02 -2.38 0.00	27.61 -3.14 0.00	32.74 -4.44 0.00	22.02 -2.99 0.00	20.58 -2.65 0.00	23.86 -2.98 0.00	18.70 -2.36 0.00	21.87 -2.17 0.00	22.60 -2.32 0.00	25.80 -2.62 0.00	28.06 -2.90 0.00	27.00 -2.35 0.00	30.65 -3.12 0.00	38.17 -4.77 0.00	38.77 -4.63 0.00	34.01 -4.35 0.00	29.58 -2.90 -0.01	23.74 -1.81 -0.01	23.14 -1.43 0.00
PACKARD__115KV_DUPONT_184 80571	20.05 -2.09 0.00	21.04 -1.83 0.00	19.78 -1.88 0.00	19.66 -1.99 0.00	20.70 -2.07 0.00	25.02 -2.38 0.00	27.61 -3.14 0.00	32.74 -4.44 0.00	22.02 -2.99 0.00	20.58 -2.65 0.00	23.86 -2.98 0.00	18.70 -2.36 0.00	21.87 -2.17 0.00	22.60 -2.32 0.00	25.80 -2.62 0.00	28.06 -2.90 0.00	27.00 -2.35 0.00	30.65 -3.12 0.00	38.17 -4.77 0.00	38.77 -4.63 0.00	34.01 -4.35 0.00	29.58 -2.90 -0.01	23.74 -1.81 -0.01	23.14 -1.43 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.24 1.09 0.00	23.86 0.99 0.00	22.60 0.94 0.00	22.61 0.97 0.00	23.82 1.05 0.00	28.66 1.27 0.00	32.69 1.94 0.00	39.99 2.82 0.00	26.73 1.73 0.00	24.78 1.55 0.00	28.63 1.79 0.00	22.43 1.36 0.00	25.44 1.40 0.00	26.37 1.44 0.00	30.06 1.64 0.00	32.83 1.87 0.00	31.49 2.14 0.00	36.97 3.21 0.00	46.43 3.49 0.00	46.53 3.12 0.00	41.05 2.69 0.00	34.33 1.86 0.00	26.88 1.34 0.00	25.61 1.04 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.39 1.24 0.00	24.01 1.14 0.00	22.74 1.09 0.00	22.76 1.12 0.00	23.96 1.20 0.00	28.85 1.45 0.00	32.92 2.18 0.00	40.30 3.13 0.00	26.91 1.91 0.00	24.94 1.71 0.00	28.82 1.98 0.00	22.55 1.48 0.00	25.57 1.53 0.00	26.52 1.59 0.00	30.22 1.80 0.00	33.02 2.07 0.00	31.67 2.32 0.00	37.23 3.47 0.00	46.76 3.82 0.00	46.79 3.38 0.00	41.31 2.95 0.00	34.57 2.11 0.00	27.08 1.54 0.00	25.81 1.24 0.00
PATROON__115KV_TB1 80586	22.54 0.39 0.00	23.14 0.28 0.00	22.01 0.35 0.00	22.05 0.40 0.00	23.16 0.39 0.00	27.78 0.39 0.00	31.36 0.62 0.00	38.25 1.07 0.00	25.62 0.61 0.00	23.71 0.48 0.00	27.46 0.62 0.00	21.53 0.46 0.00	24.54 0.51 0.00	25.47 0.55 0.00	29.15 0.73 0.00	31.80 0.84 0.00	30.43 1.09 0.00	35.23 1.47 0.00	44.44 1.49 0.00	44.69 1.28 0.00	39.49 1.13 0.00	33.17 0.70 0.00	26.07 0.54 0.00	25.03 0.45 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.29 -0.86 0.00	22.22 -0.64 0.00	20.89 -0.77 0.00	20.75 -0.90 0.00	21.89 -0.88 0.00	26.52 -0.88 0.00	29.39 -1.35 0.00	35.75 -1.43 0.00	24.10 -0.90 0.00	22.49 -0.74 0.00	25.67 -1.18 0.00	20.08 -0.99 0.00	23.31 -0.73 0.00	24.10 -0.83 0.00	27.72 -0.70 0.00	30.10 -0.86 0.00	29.06 -0.29 0.00	33.10 -0.67 0.00	41.36 -1.59 -0.01	41.94 -1.48 -0.01	36.94 -1.43 -0.01	31.78 -0.73 -0.04	25.39 -0.19 -0.05	24.54 -0.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.41 1.27 0.00	24.05 1.18 0.00	22.79 1.13 0.00	22.81 1.16 0.00	24.04 1.27 0.00	28.99 1.59 0.00	32.97 2.22 0.00	40.30 3.13 0.00	26.93 1.92 0.00	24.90 1.66 0.00	28.77 1.93 0.00	22.49 1.42 0.00	25.58 1.54 0.00	26.49 1.56 0.00	30.24 1.82 0.00	33.03 2.08 0.00	31.77 2.42 0.00	37.18 3.42 0.00	46.79 3.84 0.00	46.88 3.47 0.00	41.38 3.02 0.00	34.61 2.15 0.00	27.10 1.57 0.00	25.92 1.35 0.00
PEEKSKILL____ 23653	23.15 1.01 0.00	23.77 0.91 0.00	22.53 0.87 0.00	22.55 0.90 0.00	23.75 0.99 0.00	28.62 1.22 0.00	32.56 1.82 0.00	39.78 2.60 0.00	26.59 1.59 0.00	24.60 1.37 0.00	28.45 1.60 0.00	22.25 1.18 0.00	25.29 1.25 0.00	26.18 1.25 0.00	29.84 1.42 0.00	32.56 1.61 0.00	31.28 1.93 0.00	36.64 2.88 0.00	46.09 3.15 0.00	46.17 2.77 0.00	40.79 2.43 0.00	34.11 1.64 0.00	26.72 1.18 0.00	25.57 1.00 0.00
PGE MADISON__WINDPWR 24146	23.46 1.32 0.00	24.32 1.45 0.00	22.92 1.26 0.00	22.68 1.04 0.00	23.76 0.99 0.00	29.15 1.76 0.00	33.30 2.56 0.00	40.48 3.30 0.00	26.90 1.90 0.00	24.83 1.59 0.00	28.49 1.65 0.00	22.12 1.05 0.00	25.73 1.16 -0.53	26.84 1.17 -0.75	30.76 1.53 -0.81	34.06 2.12 -0.99	32.35 2.44 -0.57	37.29 3.29 -0.24	48.17 4.29 -0.93	48.67 4.41 -0.86	42.44 3.40 -0.68	37.50 2.62 -2.41	29.05 1.89 -1.63	26.93 1.69 -0.67
PIERCEFIELD__HYD 23852	22.25 0.10 0.00	23.18 0.31 0.00	21.93 0.27 0.00	21.91 0.26 0.00	22.87 0.11 0.00	27.33 -0.06 0.00	30.22 -0.53 0.00	36.33 -0.84 0.00	24.57 -0.43 0.00	23.00 -0.24 0.00	26.68 -0.16 0.00	21.98 -0.15 -1.07	30.79 -0.15 -6.91	31.86 -0.11 -7.05	34.40 -0.36 -6.33	38.49 -0.41 -7.94	35.34 -1.09 -7.09	39.32 -2.36 -7.91	51.02 -1.60 -9.68	52.13 -1.09 -9.81	40.77 -0.63 -3.04	32.35 -0.11 0.00	30.24 -0.07 -4.78	24.69 0.12 0.00
PINELAWN_CC_1 323563	23.61 1.46 0.00	24.17 1.31 0.00	22.83 1.18 0.00	22.84 1.19 0.00	24.07 1.31 0.00	28.89 1.49 0.00	33.24 2.50 0.00	40.67 3.49 0.00	26.94 1.94 0.00	24.96 1.72 0.00	28.92 2.08 0.00	22.62 1.56 0.00	25.67 1.63 0.00	26.68 1.76 0.00	30.26 1.84 0.00	33.08 2.13 0.00	31.97 2.62 0.00	37.14 3.38 0.00	46.53 3.58 0.00	46.73 3.32 0.00	41.37 3.01 0.00	34.81 2.34 0.00	27.31 1.77 0.00	26.06 1.49 0.00
PJM_GEN_HTP_PROXY 323702	23.26 1.11 0.00	23.87 1.01 0.00	22.63 0.97 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.70 1.30 0.00	32.69 1.95 0.00	40.02 2.85 0.00	26.75 1.75 0.00	24.79 1.56 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.49 1.45 0.00	39.69 1.47 -13.30	30.10 1.68 0.00	36.86 1.91 -4.00	31.54 2.19 0.00	36.97 3.20 0.00	46.48 3.53 0.00	46.48 3.08 0.00	41.08 2.72 0.00	34.32 1.85 0.00	26.87 1.33 0.00	25.67 1.09 0.00

PJM_GEN_KEystone 24065	24.20 -0.04 -2.09	22.84 -0.02 0.00	21.59 -0.07 0.00	21.54 -0.11 0.00	22.70 -0.06 0.00	27.41 0.01 0.00	30.84 0.09 0.00	37.44 0.26 0.00	25.10 0.10 0.00	23.30 0.06 0.00	26.95 0.11 0.00	21.09 0.02 0.00	22.30 0.09 1.83	35.65 0.01 -10.71	25.58 0.03 2.86	31.46 0.00 -0.50	18.86 0.43 10.91	33.77 0.86 0.85	40.13 0.54 3.35	40.64 0.31 3.08	36.12 0.20 2.45	23.89 0.07 8.65	19.85 0.16 5.85	22.30 0.14 2.41
PJM_GEN_NEPTUNE_PROXY 323594	23.29 1.14 0.00	23.87 1.01 0.00	22.56 0.90 0.00	22.57 0.93 0.00	23.79 1.02 0.00	28.58 1.18 0.00	32.78 2.04 0.00	40.07 2.90 0.00	26.61 1.60 0.00	24.67 1.44 0.00	28.59 1.75 0.00	22.39 1.32 0.00	25.42 1.38 0.00	39.68 1.46 -13.30	30.09 1.66 0.00	36.91 1.95 -4.00	31.74 2.39 0.00	37.04 3.27 0.00	46.43 3.49 0.00	46.50 3.09 0.00	41.06 2.70 0.00	34.29 1.82 0.00	26.91 1.37 0.00	25.71 1.14 0.00
PJM_GEN_VFT_PROXY 323633	23.19 1.05 0.00	23.80 0.94 0.00	22.57 0.92 0.00	22.59 0.95 0.00	23.79 1.02 0.00	28.61 1.22 0.00	32.61 1.86 0.00	39.90 2.72 0.00	26.69 1.69 0.00	24.74 1.50 0.00	28.58 1.74 0.00	22.40 1.33 0.00	25.41 1.37 0.00	39.60 1.37 -13.30	29.96 1.54 0.00	36.70 1.74 -4.00	31.38 2.03 0.00	36.83 3.06 0.00	46.28 3.34 0.00	46.32 2.91 0.00	40.93 2.57 0.00	34.19 1.72 0.00	26.77 1.23 0.00	25.56 0.98 0.00
PLATSBRG_115KV_PMLD1 355749	22.17 0.02 0.00	23.22 0.36 0.00	21.81 0.15 0.00	21.94 0.30 0.00	23.19 0.42 0.00	28.34 0.95 0.00	31.93 1.18 0.00	38.46 1.29 0.00	25.65 0.65 0.00	23.42 0.19 0.00	26.79 -0.04 0.00	13.80 -0.33 6.94	-21.28 -0.52 44.80	-21.28 -0.51 45.70	-13.26 -0.59 41.09	-21.22 -0.65 51.53	-17.71 -1.10 45.96	-21.22 -1.85 53.13	-21.30 -1.63 62.62	-21.33 -1.26 63.48	18.19 -0.52 19.65	32.09 -0.38 0.00	-6.04 -0.67 30.91	24.66 0.09 0.00
PLEASANTVLY___LBMP 24000	23.03 0.89 0.00	23.66 0.80 0.00	22.42 0.77 0.00	22.45 0.81 0.00	23.66 0.89 0.00	28.49 1.09 0.00	32.33 1.58 0.00	39.49 2.31 0.00	26.39 1.39 0.00	24.43 1.20 0.00	28.26 1.42 0.00	22.11 1.04 0.00	25.15 1.11 0.00	26.06 1.13 0.00	29.74 1.32 0.00	32.43 1.48 0.00	31.12 1.78 0.00	36.38 2.61 0.00	45.77 2.83 0.00	45.88 2.47 0.00	40.52 2.16 0.00	33.92 1.45 0.00	26.59 1.06 0.00	25.48 0.91 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.20 1.06 0.00	23.82 0.96 0.00	22.58 0.93 0.00	22.61 0.96 0.00	23.81 1.04 0.00	28.67 1.27 0.00	32.60 1.86 0.00	39.88 2.71 0.00	26.65 1.65 0.00	24.67 1.44 0.00	28.54 1.70 0.00	22.32 1.25 0.00	25.37 1.33 0.00	26.27 1.34 0.00	29.98 1.56 0.00	32.70 1.75 0.00	31.43 2.08 0.00	36.77 3.01 0.00	46.24 3.30 0.00	46.34 2.93 0.00	40.90 2.55 0.00	34.21 1.74 0.00	26.81 1.27 0.00	25.65 1.07 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.20 1.06 0.00	23.82 0.96 0.00	22.58 0.93 0.00	22.61 0.96 0.00	23.81 1.04 0.00	28.67 1.27 0.00	32.60 1.86 0.00	39.88 2.71 0.00	26.65 1.65 0.00	24.67 1.44 0.00	28.54 1.70 0.00	22.32 1.25 0.00	25.37 1.33 0.00	26.27 1.34 0.00	29.98 1.56 0.00	32.70 1.75 0.00	31.43 2.08 0.00	36.77 3.01 0.00	46.24 3.30 0.00	46.34 2.93 0.00	40.90 2.55 0.00	34.21 1.74 0.00	26.81 1.27 0.00	25.65 1.07 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.26 1.12 0.00	23.89 1.03 0.00	22.64 0.99 0.00	22.67 1.02 0.00	23.89 1.12 0.00	28.80 1.40 0.00	32.71 1.96 0.00	40.09 2.91 0.00	26.78 1.78 0.00	24.76 1.52 0.00	28.60 1.76 0.00	22.34 1.27 0.00	25.42 1.38 0.00	26.34 1.41 0.00	30.08 1.66 0.00	32.87 1.92 0.00	31.59 2.24 0.00	36.96 3.20 0.00	46.53 3.59 0.00	46.65 3.25 0.00	41.16 2.80 0.00	34.45 1.98 0.00	26.99 1.45 0.00	25.84 1.27 0.00
POLETTI_____ 23519	23.25 1.11 0.00	23.86 1.00 0.00	22.62 0.97 0.00	22.65 1.00 0.00	23.84 1.08 0.00	28.68 1.28 0.00	32.67 1.93 0.00	39.99 2.82 0.00	26.74 1.74 0.00	24.78 1.54 0.00	28.65 1.81 0.00	22.44 1.37 0.00	25.48 1.44 0.00	26.38 1.45 0.00	30.08 1.66 0.00	32.84 1.89 0.00	31.49 2.14 0.00	36.94 3.18 0.00	46.43 3.49 0.00	46.48 3.07 0.00	41.05 2.69 0.00	34.29 1.82 0.00	26.85 1.31 0.00	25.64 1.07 0.00
POMONA___ESR 323819	23.14 1.00 0.00	23.78 0.92 0.00	22.53 0.87 0.00	22.55 0.90 0.00	23.75 0.99 0.00	28.64 1.24 0.00	32.58 1.84 0.00	39.78 2.60 0.00	26.60 1.60 0.00	24.61 1.37 0.00	28.43 1.59 0.00	22.24 1.17 0.00	25.27 1.23 0.00	26.15 1.23 0.00	29.80 1.38 0.00	32.51 1.56 0.00	31.24 1.89 0.00	36.62 2.86 0.00	46.07 3.12 0.00	46.17 2.76 0.00	40.77 2.41 0.00	34.09 1.62 0.00	26.70 1.17 0.00	25.55 0.98 0.00
PORT_JEFF_3 23555	23.67 1.53 0.00	24.27 1.40 0.00	22.91 1.26 0.00	22.92 1.27 0.00	24.16 1.39 0.00	28.90 1.50 0.00	33.36 2.62 0.00	40.85 3.68 0.00	26.96 1.96 0.00	24.94 1.70 0.00	28.91 2.07 0.00	22.66 1.59 0.00	25.71 1.67 0.00	26.73 1.81 0.00	30.52 2.10 0.00	33.44 2.49 0.00	32.38 3.03 0.00	37.70 3.94 0.00	47.19 4.25 0.00	47.21 3.80 0.00	41.68 3.32 0.00	34.91 2.44 0.00	27.41 1.88 0.00	26.13 1.55 0.00
PORT_JEFF_4 23616	23.67 1.53 0.00	24.27 1.40 0.00	22.91 1.26 0.00	22.92 1.27 0.00	24.16 1.39 0.00	28.90 1.50 0.00	33.36 2.62 0.00	40.85 3.68 0.00	26.96 1.96 0.00	24.94 1.70 0.00	28.91 2.07 0.00	22.66 1.59 0.00	25.71 1.67 0.00	26.73 1.81 0.00	30.52 2.10 0.00	33.44 2.49 0.00	32.38 3.03 0.00	37.70 3.94 0.00	47.19 4.25 0.00	47.21 3.80 0.00	41.68 3.32 0.00	34.91 2.44 0.00	27.41 1.88 0.00	26.13 1.55 0.00
PORT_JEFF_IC 23713	23.68 1.54 0.00	24.27 1.41 0.00	22.91 1.26 0.00	22.93 1.28 0.00	24.16 1.39 0.00	28.90 1.50 0.00	33.36 2.62 0.00	40.86 3.69 0.00	26.96 1.96 0.00	24.93 1.70 0.00	28.91 2.06 0.00	22.64 1.58 0.00	25.70 1.67 0.00	26.73 1.80 0.00	30.53 2.11 0.00	33.44 2.49 0.00	32.39 3.04 0.00	37.68 3.92 0.00	47.15 4.21 0.00	47.17 3.76 0.00	41.64 3.28 0.00	34.93 2.47 0.00	27.43 1.90 0.00	26.13 1.56 0.00
PPL PILGRIM_ST_GT1 24216	23.74 1.60 0.00	24.32 1.46 0.00	22.95 1.30 0.00	22.96 1.31 0.00	24.21 1.44 0.00	29.02 1.63 0.00	33.45 2.71 0.00	40.90 3.72 0.00	27.05 2.05 0.00	25.07 1.84 0.00	29.07 2.23 0.00	22.77 1.70 0.00	25.85 1.81 0.00	26.88 1.95 0.00	30.65 2.23 0.00	33.61 2.65 0.00	32.53 3.19 0.00	37.91 4.15 0.00	47.45 4.51 0.00	47.49 4.08 0.00	41.94 3.58 0.00	35.03 2.56 0.00	27.50 1.97 0.00	26.23 1.66 0.00
PPL PILGRIM_ST_GT2 24217	23.74 1.60 0.00	24.32 1.46 0.00	22.95 1.30 0.00	22.96 1.31 0.00	24.21 1.44 0.00	29.02 1.63 0.00	33.45 2.71 0.00	40.90 3.72 0.00	27.05 2.05 0.00	25.07 1.84 0.00	29.07 2.23 0.00	22.77 1.70 0.00	25.85 1.81 0.00	26.88 1.95 0.00	30.65 2.23 0.00	33.61 2.65 0.00	32.53 3.19 0.00	37.91 4.15 0.00	47.45 4.51 0.00	47.49 4.08 0.00	41.94 3.58 0.00	35.03 2.56 0.00	27.50 1.97 0.00	26.23 1.66 0.00

PPL_SHRM_GT3 24213	23.51 1.37 0.00	24.15 1.28 0.00	22.81 1.16 0.00	22.83 1.18 0.00	24.05 1.28 0.00	28.56 1.17 0.00	33.15 2.40 0.00	40.75 3.58 0.00	26.68 1.68 0.00	24.54 1.30 0.00	28.49 1.65 0.00	22.32 1.25 0.00	25.32 1.29 0.00	26.34 1.41 0.00	30.19 1.77 0.00	32.95 2.00 0.00	31.96 2.61 0.00	37.32 3.56 0.00	46.74 3.80 0.00	46.74 3.33 0.00	41.25 2.89 0.00	34.58 2.11 0.00	27.15 1.62 0.00	25.79 1.22 0.00
PPL_SHRM_GT4 24214	23.51 1.37 0.00	24.15 1.28 0.00	22.81 1.16 0.00	22.83 1.18 0.00	24.05 1.28 0.00	28.56 1.17 0.00	33.15 2.40 0.00	40.75 3.58 0.00	26.68 1.68 0.00	24.54 1.30 0.00	28.49 1.65 0.00	22.32 1.25 0.00	25.32 1.29 0.00	26.34 1.41 0.00	30.19 1.77 0.00	32.95 2.00 0.00	31.96 2.61 0.00	37.32 3.56 0.00	46.74 3.80 0.00	46.74 3.33 0.00	41.25 2.89 0.00	34.58 2.11 0.00	27.15 1.62 0.00	25.79 1.22 0.00
PROJECT___ORANGE 1 24174	21.77 -0.37 0.00	22.47 -0.39 0.00	21.27 -0.38 0.00	21.24 -0.41 0.00	22.36 -0.40 0.00	26.92 -0.48 0.00	30.14 -0.60 0.00	36.49 -0.68 0.00	24.51 -0.49 0.00	22.76 -0.47 0.00	26.27 -0.57 0.00	20.69 -0.38 0.00	23.62 -0.42 0.00	24.50 -0.43 0.00	27.87 -0.55 0.00	30.41 -0.54 0.00	29.08 -0.27 0.00	33.62 -0.14 0.00	42.45 -0.50 0.00	42.82 -0.58 0.00	37.74 -0.62 0.00	31.95 -0.52 0.00	25.16 -0.37 0.00	24.19 -0.38 0.00
PROJECT___ORANGE 2 24166	21.77 -0.37 0.00	22.47 -0.39 0.00	21.27 -0.38 0.00	21.24 -0.41 0.00	22.36 -0.40 0.00	26.92 -0.48 0.00	30.14 -0.60 0.00	36.49 -0.68 0.00	24.51 -0.49 0.00	22.76 -0.47 0.00	26.27 -0.57 0.00	20.69 -0.38 0.00	23.62 -0.42 0.00	24.50 -0.43 0.00	27.87 -0.55 0.00	30.41 -0.54 0.00	29.08 -0.27 0.00	33.62 -0.14 0.00	42.45 -0.50 0.00	42.82 -0.58 0.00	37.74 -0.62 0.00	31.95 -0.52 0.00	25.16 -0.37 0.00	24.19 -0.38 0.00
PUCKETT___SOLAR 323809	22.31 0.17 0.00	23.05 0.19 0.00	21.77 0.11 0.00	21.64 -0.01 0.00	22.81 0.04 0.00	27.63 0.23 0.00	31.22 0.47 0.00	37.92 0.74 0.00	25.35 0.34 0.00	23.50 0.27 0.00	27.04 0.20 0.00	21.10 0.03 0.00	24.75 0.01 -0.70	25.99 0.08 -0.99	29.62 0.13 -1.07	32.52 0.26 -1.30	30.74 0.64 -0.75	35.15 1.07 -0.31	45.36 1.18 -1.24	45.62 1.08 -1.14	39.96 0.70 -0.90	36.12 0.48 -3.18	28.00 0.32 -2.15	25.76 0.30 -0.88
PYRITES___HYD 24023	22.85 0.70 0.00	23.83 0.96 0.00	22.55 0.89 0.00	22.51 0.87 0.00	23.51 0.74 0.00	28.04 0.64 0.00	31.12 0.38 0.00	37.42 0.25 0.00	25.33 0.32 0.00	23.71 0.48 0.00	27.53 0.68 0.00	22.49 0.47 -0.95	30.77 0.57 -6.16	31.83 0.61 -6.29	34.55 0.47 -5.65	38.53 0.49 -7.09	35.48 -0.19 -6.32	39.43 -1.36 -7.02	51.27 -0.30 -8.63	52.37 0.21 -8.75	41.52 0.45 -2.71	33.18 0.71 0.00	30.32 0.52 -4.26	25.21 0.64 0.00
QUAKERRD_115KV_BK1 80622	20.88 -1.27 0.00	21.68 -1.19 0.00	20.48 -1.18 0.00	20.41 -1.24 0.00	21.51 -1.26 0.00	25.99 -1.41 0.00	29.02 -1.73 0.00	34.98 -2.19 0.00	23.54 -1.47 0.00	21.89 -1.34 0.00	25.26 -1.58 0.00	19.85 -1.22 0.00	22.80 -1.24 0.00	23.65 -1.28 0.00	27.00 -1.42 0.00	29.43 -1.52 0.00	28.21 -1.14 0.00	32.41 -1.36 0.00	40.72 -2.23 0.00	41.13 -2.27 0.00	36.16 -2.20 0.00	30.84 -1.63 0.00	24.39 -1.15 0.00	23.53 -1.04 0.00
QUENSBRY_115KV_TB8 356137	22.58 0.44 0.00	23.22 0.36 0.00	22.02 0.37 0.00	22.10 0.45 0.00	23.33 0.56 0.00	28.30 0.90 0.00	32.06 1.31 0.00	39.17 1.99 0.00	26.09 1.09 0.00	24.02 0.79 0.00	27.77 0.93 0.00	21.69 0.62 0.00	24.93 0.89 0.00	25.91 0.98 0.00	29.84 1.42 0.00	32.53 1.58 0.00	31.22 1.87 0.00	36.20 2.43 0.00	45.42 2.47 0.00	45.49 2.08 0.00	40.17 1.81 0.00	33.68 1.21 0.00	26.37 0.83 0.00	25.29 0.72 0.00
RAMAPO___LBMP 323565	23.07 0.93 0.00	23.70 0.84 0.00	22.46 0.80 0.00	22.48 0.83 0.00	23.68 0.91 0.00	28.56 1.16 0.00	32.47 1.73 0.00	39.63 2.45 0.00	26.50 1.50 0.00	24.51 1.28 0.00	28.32 1.48 0.00	22.16 1.09 0.00	25.17 1.13 0.00	26.04 1.12 0.00	29.67 1.25 0.00	32.38 1.43 0.00	31.10 1.75 0.00	36.47 2.70 0.00	45.87 2.93 0.00	45.99 2.59 0.00	40.61 2.25 0.00	33.96 1.49 0.00	26.60 1.07 0.00	25.45 0.88 0.00
RANKINE____ 23646	20.82 -1.32 0.00	21.76 -1.11 0.00	20.44 -1.22 0.00	20.29 -1.36 0.00	21.38 -1.38 0.00	25.91 -1.48 0.00	28.72 -2.03 0.00	34.29 -2.88 0.00	23.15 -1.86 0.00	21.58 -1.65 0.00	25.04 -1.81 0.00	19.57 -1.50 0.00	22.70 -1.34 0.00	23.48 -1.45 0.00	27.00 -1.42 0.00	29.36 -1.59 0.00	28.35 -1.00 0.00	32.33 -1.44 0.00	40.32 -2.64 -0.01	40.88 -2.54 -0.01	35.95 -2.42 -0.01	31.06 -1.44 -0.04	24.80 -0.77 -0.03	24.05 -0.52 0.00
RAVENSWOOD_GT2_1 24244	23.26 1.11 0.00	23.87 1.01 0.00	22.62 0.97 0.00	22.65 1.00 0.00	23.86 1.09 0.00	28.71 1.31 0.00	32.70 1.96 0.00	40.01 2.83 0.00	26.75 1.75 0.00	24.79 1.56 0.00	28.66 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.39 1.47 0.00	30.09 1.67 0.00	32.84 1.89 0.00	31.53 2.18 0.00	36.96 3.20 0.00	46.46 3.52 0.00	46.52 3.12 0.00	41.08 2.72 0.00	34.32 1.85 0.00	26.87 1.34 0.00	25.67 1.09 0.00
RAVENSWOOD_GT2_2 24245	23.26 1.11 0.00	23.87 1.01 0.00	22.62 0.97 0.00	22.65 1.00 0.00	23.86 1.09 0.00	28.71 1.31 0.00	32.70 1.96 0.00	40.01 2.83 0.00	26.75 1.75 0.00	24.79 1.56 0.00	28.66 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.39 1.47 0.00	30.09 1.67 0.00	32.84 1.89 0.00	31.53 2.18 0.00	36.96 3.20 0.00	46.46 3.52 0.00	46.52 3.12 0.00	41.08 2.72 0.00	34.32 1.85 0.00	26.87 1.34 0.00	25.67 1.09 0.00
RAVENSWOOD_GT2_3 24246	23.27 1.12 0.00	23.88 1.02 0.00	22.63 0.98 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.72 1.32 0.00	32.72 1.97 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.48 0.00	30.11 1.69 0.00	32.87 1.91 0.00	31.55 2.20 0.00	36.99 3.23 0.00	46.48 3.54 0.00	46.54 3.14 0.00	41.10 2.74 0.00	34.35 1.88 0.00	26.89 1.35 0.00	25.68 1.11 0.00
RAVENSWOOD_GT2_4 24247	23.27 1.12 0.00	23.88 1.02 0.00	22.63 0.98 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.72 1.32 0.00	32.72 1.97 0.00	40.03 2.86 0.00	26.77 1.77 0.00	24.80 1.57 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.50 1.46 0.00	26.40 1.48 0.00	30.11 1.69 0.00	32.87 1.91 0.00	31.55 2.20 0.00	36.99 3.23 0.00	46.48 3.54 0.00	46.54 3.14 0.00	41.10 2.74 0.00	34.35 1.88 0.00	26.89 1.35 0.00	25.68 1.11 0.00
RAVENSWOOD_GT3_1 24248	23.26 1.11 0.00	23.87 1.01 0.00	22.62 0.97 0.00	22.65 1.00 0.00	23.86 1.09 0.00	28.71 1.31 0.00	32.70 1.96 0.00	40.01 2.84 0.00	26.76 1.75 0.00	24.80 1.57 0.00	28.66 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.40 1.47 0.00	30.09 1.67 0.00	32.85 1.89 0.00	31.53 2.18 0.00	36.96 3.20 0.00	46.46 3.52 0.00	46.52 3.12 0.00	41.09 2.72 0.00	34.32 1.86 0.00	26.87 1.34 0.00	25.67 1.09 0.00

RAVENSWOOD_GT3_2 24249	23.26 1.11 0.00	23.87 1.01 0.00	22.62 0.97 0.00	22.65 1.00 0.00	23.86 1.09 0.00	28.71 1.31 0.00	32.70 1.96 0.00	40.01 2.84 0.00	26.76 1.75 0.00	24.80 1.57 0.00	28.66 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.40 1.47 0.00	30.09 1.67 0.00	32.85 1.89 0.00	31.53 2.18 0.00	36.96 3.20 0.00	46.46 3.52 0.00	46.52 3.12 0.00	41.09 2.72 0.00	34.32 1.86 0.00	26.87 1.34 0.00	25.67 1.09 0.00
RAVENSWOOD_GT3_3 24250	23.29 1.14 0.00	23.90 1.04 0.00	22.65 1.00 0.00	22.67 1.02 0.00	23.89 1.12 0.00	28.74 1.35 0.00	32.75 2.01 0.00	40.08 2.90 0.00	26.80 1.80 0.00	24.83 1.60 0.00	28.72 1.88 0.00	22.48 1.42 0.00	25.53 1.49 0.00	26.44 1.51 0.00	30.15 1.73 0.00	32.90 1.95 0.00	31.58 2.23 0.00	37.03 3.26 0.00	46.54 3.59 0.00	46.59 3.19 0.00	41.13 2.78 0.00	34.38 1.91 0.00	26.91 1.38 0.00	25.71 1.14 0.00
RAVENSWOOD_GT3_4 24251	23.29 1.14 0.00	23.90 1.04 0.00	22.65 1.00 0.00	22.67 1.02 0.00	23.89 1.12 0.00	28.74 1.35 0.00	32.75 2.01 0.00	40.08 2.90 0.00	26.80 1.80 0.00	24.83 1.60 0.00	28.72 1.88 0.00	22.48 1.42 0.00	25.53 1.49 0.00	26.44 1.51 0.00	30.15 1.73 0.00	32.90 1.95 0.00	31.58 2.23 0.00	37.03 3.26 0.00	46.54 3.59 0.00	46.59 3.19 0.00	41.13 2.78 0.00	34.38 1.91 0.00	26.91 1.38 0.00	25.71 1.14 0.00
RAVENSWOOD_GT_1 23729	23.27 1.13 0.00	23.89 1.02 0.00	22.64 0.98 0.00	22.66 1.01 0.00	23.86 1.10 0.00	28.73 1.34 0.00	32.76 2.02 0.00	40.10 2.92 0.00	26.81 1.81 0.00	24.85 1.62 0.00	28.73 1.89 0.00	22.51 1.44 0.00	25.54 1.51 0.00	26.46 1.53 0.00	30.16 1.74 0.00	32.93 1.98 0.00	31.62 2.27 0.00	37.09 3.32 0.00	46.60 3.66 0.00	46.65 3.25 0.00	41.18 2.82 0.00	34.41 1.94 0.00	26.92 1.39 0.00	25.69 1.12 0.00
RAVENSWOOD_GT_10 24258	23.26 1.12 0.00	23.87 1.01 0.00	22.62 0.97 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.71 1.31 0.00	32.70 1.96 0.00	40.02 2.84 0.00	26.76 1.75 0.00	24.80 1.57 0.00	28.66 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.39 1.47 0.00	30.09 1.67 0.00	32.84 1.89 0.00	31.53 2.18 0.00	36.96 3.20 0.00	46.46 3.52 0.00	46.52 3.12 0.00	41.09 2.72 0.00	34.32 1.85 0.00	26.87 1.34 0.00	25.67 1.10 0.00
RAVENSWOOD_GT_11 24259	23.26 1.12 0.00	23.87 1.01 0.00	22.62 0.97 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.71 1.31 0.00	32.70 1.96 0.00	40.02 2.84 0.00	26.76 1.75 0.00	24.80 1.57 0.00	28.66 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.39 1.47 0.00	30.09 1.67 0.00	32.84 1.89 0.00	31.53 2.18 0.00	36.96 3.20 0.00	46.46 3.52 0.00	46.52 3.12 0.00	41.09 2.72 0.00	34.32 1.85 0.00	26.87 1.34 0.00	25.67 1.10 0.00
RAVENSWOOD_GT_4 24252	23.27 1.12 0.00	23.88 1.02 0.00	22.63 0.98 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.72 1.32 0.00	32.71 1.97 0.00	40.03 2.85 0.00	26.76 1.76 0.00	24.80 1.57 0.00	28.67 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.54 2.19 0.00	36.96 3.20 0.00	46.47 3.52 0.00	46.52 3.12 0.00	41.09 2.72 0.00	34.33 1.86 0.00	26.88 1.34 0.00	25.68 1.11 0.00
RAVENSWOOD_GT_5 24254	23.27 1.12 0.00	23.88 1.02 0.00	22.63 0.98 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.72 1.32 0.00	32.71 1.97 0.00	40.03 2.85 0.00	26.76 1.76 0.00	24.80 1.57 0.00	28.67 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.54 2.19 0.00	36.96 3.20 0.00	46.47 3.52 0.00	46.52 3.12 0.00	41.09 2.72 0.00	34.33 1.86 0.00	26.88 1.34 0.00	25.68 1.11 0.00
RAVENSWOOD_GT_6 24253	23.27 1.12 0.00	23.88 1.02 0.00	22.63 0.98 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.72 1.32 0.00	32.71 1.97 0.00	40.03 2.85 0.00	26.76 1.76 0.00	24.80 1.57 0.00	28.67 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.54 2.19 0.00	36.96 3.20 0.00	46.47 3.52 0.00	46.52 3.12 0.00	41.09 2.72 0.00	34.33 1.86 0.00	26.88 1.34 0.00	25.68 1.11 0.00
RAVENSWOOD_GT_7 24255	23.27 1.12 0.00	23.88 1.02 0.00	22.63 0.98 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.72 1.32 0.00	32.71 1.97 0.00	40.03 2.85 0.00	26.76 1.76 0.00	24.80 1.57 0.00	28.67 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.54 2.19 0.00	36.96 3.20 0.00	46.47 3.52 0.00	46.52 3.12 0.00	41.09 2.72 0.00	34.33 1.86 0.00	26.88 1.34 0.00	25.68 1.11 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.26 1.12 0.00	23.87 1.01 0.00	22.62 0.97 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.71 1.31 0.00	32.70 1.96 0.00	40.02 2.84 0.00	26.76 1.75 0.00	24.80 1.57 0.00	28.66 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.39 1.47 0.00	30.09 1.67 0.00	32.84 1.89 0.00	31.53 2.18 0.00	36.96 3.20 0.00	46.46 3.52 0.00	46.52 3.12 0.00	41.09 2.72 0.00	34.32 1.85 0.00	26.87 1.34 0.00	25.67 1.10 0.00
RAVENSWOOD_GT_9 24257	23.26 1.12 0.00	23.87 1.01 0.00	22.62 0.97 0.00	22.65 1.00 0.00	23.86 1.10 0.00	28.71 1.31 0.00	32.70 1.96 0.00	40.02 2.84 0.00	26.76 1.75 0.00	24.80 1.57 0.00	28.66 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.39 1.47 0.00	30.09 1.67 0.00	32.84 1.89 0.00	31.53 2.18 0.00	36.96 3.20 0.00	46.46 3.52 0.00	46.52 3.12 0.00	41.09 2.72 0.00	34.32 1.85 0.00	26.87 1.34 0.00	25.67 1.10 0.00
RAVENSWOOD___1 23533	23.23 1.09 0.00	23.85 0.98 0.00	22.60 0.95 0.00	22.63 0.98 0.00	23.82 1.06 0.00	28.67 1.27 0.00	32.70 1.95 0.00	40.01 2.84 0.00	26.76 1.75 0.00	24.80 1.57 0.00	28.68 1.83 0.00	22.47 1.40 0.00	25.49 1.45 0.00	26.40 1.48 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.54 2.19 0.00	36.98 3.22 0.00	46.49 3.55 0.00	46.52 3.12 0.00	41.09 2.73 0.00	34.34 1.87 0.00	26.86 1.33 0.00	25.64 1.07 0.00
RAVENSWOOD___2 23534	23.23 1.09 0.00	23.85 0.98 0.00	22.60 0.95 0.00	22.63 0.98 0.00	23.82 1.06 0.00	28.67 1.27 0.00	32.70 1.95 0.00	40.01 2.84 0.00	26.76 1.75 0.00	24.80 1.57 0.00	28.68 1.83 0.00	22.47 1.40 0.00	25.49 1.45 0.00	26.40 1.48 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.54 2.19 0.00	36.98 3.22 0.00	46.49 3.55 0.00	46.52 3.12 0.00	41.09 2.73 0.00	34.34 1.87 0.00	26.86 1.33 0.00	25.64 1.07 0.00
RAVENSWOOD___3 23535	23.26 1.12 0.00	23.88 1.01 0.00	22.63 0.97 0.00	22.65 1.00 0.00	23.86 1.09 0.00	28.70 1.31 0.00	32.70 1.96 0.00	40.02 2.85 0.00	26.76 1.75 0.00	24.80 1.57 0.00	28.67 1.83 0.00	22.45 1.38 0.00	25.49 1.45 0.00	26.39 1.47 0.00	30.09 1.67 0.00	32.84 1.89 0.00	31.53 2.18 0.00	36.96 3.20 0.00	46.47 3.53 0.00	46.51 3.10 0.00	41.08 2.72 0.00	34.33 1.86 0.00	26.88 1.34 0.00	25.68 1.10 0.00

RAVENSWOOD___4 23820	23.23 1.09 0.00	23.85 0.98 0.00	22.60 0.95 0.00	22.63 0.98 0.00	23.82 1.06 0.00	28.67 1.27 0.00	32.70 1.95 0.00	40.01 2.84 0.00	26.76 1.75 0.00	24.80 1.57 0.00	28.68 1.83 0.00	22.47 1.40 0.00	25.49 1.45 0.00	26.40 1.48 0.00	30.10 1.68 0.00	32.85 1.90 0.00	31.54 2.19 0.00	36.98 3.22 0.00	46.49 3.55 0.00	46.52 3.12 0.00	41.09 2.73 0.00	34.34 1.87 0.00	26.86 1.33 0.00	25.64 1.07 0.00
RCPI_TRUST___DRP 24196	23.30 1.15 0.00	23.91 1.05 0.00	22.66 1.00 0.00	22.68 1.03 0.00	23.90 1.13 0.00	28.75 1.35 0.00	32.76 2.01 0.00	40.11 2.93 0.00	26.82 1.82 0.00	24.86 1.62 0.00	28.75 1.91 0.00	22.51 1.44 0.00	25.56 1.52 0.00	26.47 1.55 0.00	30.19 1.77 0.00	32.96 2.01 0.00	31.63 2.28 0.00	37.09 3.33 0.00	46.61 3.66 0.00	46.63 3.23 0.00	41.17 2.81 0.00	34.40 1.93 0.00	26.93 1.39 0.00	25.72 1.15 0.00
RED___ROCHESTER 323720	21.35 -0.79 0.00	22.21 -0.65 0.00	20.95 -0.71 0.00	20.86 -0.78 0.00	22.00 -0.77 0.00	26.61 -0.79 0.00	29.67 -1.07 0.00	35.75 -1.43 0.00	24.06 -0.94 0.00	22.39 -0.84 0.00	25.84 -1.00 0.00	20.28 -0.79 0.00	22.43 -0.69 0.92	22.91 -0.72 1.30	26.30 -0.73 1.38	28.50 -0.77 1.69	28.01 -0.37 0.97	32.81 -0.55 0.41	40.12 -1.21 1.61	40.70 -1.22 1.48	35.70 -1.48 1.17	27.26 -1.08 4.13	22.07 -0.68 2.79	22.85 -0.57 1.15
REGAN___SOLAR 323812	24.12 1.98 0.00	24.98 2.12 0.00	23.61 1.95 0.00	23.56 1.92 0.00	24.78 2.02 0.00	30.10 2.71 0.00	34.16 3.41 0.00	41.56 4.39 0.00	27.45 2.44 0.00	24.65 1.42 0.00	29.32 2.48 0.00	22.91 1.84 0.00	26.35 2.31 0.00	27.57 2.64 0.00	31.17 2.75 0.00	34.46 3.50 0.00	33.09 3.74 0.00	38.21 4.44 0.00	48.59 5.65 0.00	49.29 5.89 0.00	43.20 4.84 0.00	36.47 4.00 0.00	28.51 2.98 0.00	27.28 2.71 0.00
RENSSELAER___COGEN 23796	22.45 0.30 0.00	23.05 0.19 0.00	21.92 0.26 0.00	21.96 0.31 0.00	23.07 0.30 0.00	27.66 0.27 0.00	31.21 0.47 0.00	38.06 0.88 0.00	25.48 0.48 0.00	23.58 0.35 0.00	27.31 0.47 0.00	21.40 0.33 0.00	24.40 0.36 0.00	25.32 0.40 0.00	28.98 0.56 0.00	31.61 0.66 0.00	30.25 0.90 0.00	35.03 1.26 0.00	44.20 1.26 0.00	44.47 1.07 0.00	39.29 0.93 0.00	33.02 0.55 0.00	25.96 0.42 0.00	24.92 0.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.86 0.71 0.00	23.52 0.66 0.00	22.35 0.69 0.00	22.51 0.86 0.00	23.85 1.08 0.00	29.24 1.84 0.00	33.20 2.45 0.00	40.55 3.38 0.00	26.82 1.82 0.00	24.48 1.25 0.00	28.36 1.53 0.00	22.13 1.06 0.00	25.74 1.71 0.00	26.71 1.79 0.00	31.01 2.59 0.00	34.23 3.27 0.00	32.93 3.59 0.00	38.21 4.44 0.00	47.54 4.60 0.00	47.23 3.82 0.00	41.82 3.46 0.00	34.71 2.24 0.00	27.16 1.63 0.00	26.04 1.46 0.00
REVERE_CPPR_DRP 24186	22.64 0.50 0.00	23.43 0.56 0.00	22.17 0.52 0.00	22.17 0.52 0.00	23.34 0.57 0.00	28.22 0.82 0.00	31.74 1.00 0.00	38.48 1.31 0.00	25.88 0.87 0.00	23.99 0.76 0.00	27.73 0.89 0.00	21.78 0.71 0.00	24.77 0.73 0.00	25.73 0.80 0.00	29.30 0.88 0.00	31.99 1.04 0.00	30.65 1.30 0.00	35.34 1.58 0.00	44.78 1.84 0.00	45.37 1.96 0.00	39.90 1.54 0.00	33.64 1.17 0.00	26.50 0.97 0.00	25.40 0.83 0.00
REYNOLDS_115KV_TB3 80639	22.59 0.44 0.00	23.19 0.33 0.00	22.03 0.38 0.00	22.08 0.43 0.00	23.21 0.45 0.00	27.87 0.47 0.00	31.43 0.69 0.00	38.35 1.17 0.00	25.65 0.65 0.00	23.73 0.50 0.00	27.50 0.66 0.00	21.53 0.46 0.00	24.58 0.54 0.00	25.50 0.57 0.00	29.21 0.79 0.00	31.86 0.90 0.00	30.46 1.11 0.00	35.31 1.55 0.00	44.52 1.58 0.00	44.75 1.35 0.00	39.58 1.22 0.00	33.24 0.77 0.00	26.13 0.60 0.00	25.08 0.51 0.00
RIVERBAY____ 323610	23.39 1.24 0.00	24.01 1.14 0.00	22.74 1.09 0.00	22.76 1.12 0.00	23.96 1.20 0.00	28.85 1.45 0.00	32.92 2.18 0.00	40.30 3.13 0.00	26.91 1.91 0.00	24.94 1.71 0.00	28.82 1.98 0.00	22.55 1.48 0.00	25.57 1.53 0.00	26.52 1.59 0.00	30.22 1.80 0.00	33.02 2.07 0.00	31.67 2.32 0.00	37.23 3.47 0.00	46.76 3.82 0.00	46.79 3.38 0.00	41.31 2.95 0.00	34.57 2.11 0.00	27.08 1.54 0.00	25.81 1.24 0.00
RIVERSDE_115KV_TB3 55908	22.53 0.38 0.00	23.13 0.27 0.00	21.98 0.33 0.00	22.04 0.39 0.00	23.16 0.39 0.00	27.78 0.38 0.00	31.34 0.59 0.00	38.22 1.05 0.00	25.58 0.57 0.00	23.68 0.45 0.00	27.43 0.59 0.00	21.49 0.42 0.00	24.52 0.48 0.00	25.44 0.51 0.00	29.12 0.70 0.00	31.77 0.81 0.00	30.39 1.04 0.00	35.20 1.44 0.00	44.40 1.45 0.00	44.63 1.22 0.00	39.46 1.10 0.00	33.15 0.68 0.00	26.06 0.52 0.00	25.01 0.44 0.00
ROARING___BROOK_WT_PWR 323790	21.81 -0.33 0.00	22.70 -0.16 0.00	21.50 -0.16 0.00	21.51 -0.14 0.00	22.54 -0.22 0.00	27.20 -0.19 0.00	30.32 -0.42 0.00	36.53 -0.65 0.00	24.60 -0.40 0.00	22.74 -0.49 0.00	26.31 -0.53 0.00	20.64 -0.43 0.00	23.55 -0.49 0.00	24.54 -0.38 0.00	27.90 -0.52 0.00	30.22 -0.73 0.00	28.59 -0.76 0.00	32.29 -0.92 0.55	42.16 -0.78 0.00	42.80 -0.61 0.00	37.87 -0.50 0.00	32.09 -0.38 0.00	25.27 -0.26 0.00	24.41 -0.17 0.00
ROCHESRG_115KV_T4 355643	21.12 -1.03 0.00	21.97 -0.90 0.00	20.73 -0.93 0.00	20.64 -1.00 0.00	21.76 -1.01 0.00	26.29 -1.11 0.00	29.29 -1.46 0.00	35.25 -1.93 0.00	23.72 -1.28 0.00	22.08 -1.15 0.00	25.51 -1.33 0.00	20.03 -1.03 0.00	23.05 -0.99 0.00	23.90 -1.03 0.00	27.30 -1.12 0.00	29.75 -1.21 0.00	28.55 -0.80 0.00	32.74 -1.03 0.00	41.07 -1.87 0.00	41.53 -1.88 0.00	36.36 -2.00 0.00	31.02 -1.45 0.00	24.59 -0.95 0.00	23.77 -0.81 0.00
ROCHESTER_9_IC 23652	21.25 -0.89 0.00	22.11 -0.76 0.00	20.85 -0.80 0.00	20.77 -0.88 0.00	21.89 -0.87 0.00	26.47 -0.93 0.00	29.51 -1.24 0.00	35.53 -1.65 0.00	23.91 -1.09 0.00	22.26 -0.98 0.00	25.70 -1.14 0.00	20.18 -0.89 0.00	23.21 -0.82 0.00	24.07 -0.85 0.00	27.52 -0.90 0.00	29.99 -0.96 0.00	28.79 -0.56 0.00	33.02 -0.74 0.00	41.43 -1.52 0.00	41.88 -1.52 0.00	36.63 -1.73 0.00	31.21 -1.25 0.00	24.73 -0.81 0.00	23.90 -0.68 0.00
ROCKVIEW_13_KV_LD 356306	23.28 1.14 0.00	23.90 1.04 0.00	22.64 0.99 0.00	22.67 1.02 0.00	23.88 1.11 0.00	28.76 1.36 0.00	32.74 2.00 0.00	40.04 2.86 0.00	26.76 1.76 0.00	24.78 1.55 0.00	28.65 1.82 0.00	22.42 1.36 0.00	25.48 1.44 0.00	26.38 1.46 0.00	30.09 1.67 0.00	32.83 1.88 0.00	31.54 2.19 0.00	36.94 3.18 0.00	46.46 3.52 0.00	46.53 3.12 0.00	41.09 2.72 0.00	34.35 1.88 0.00	26.90 1.36 0.00	25.72 1.15 0.00
ROME____115KV_TB2 80656	22.64 0.50 0.00	23.43 0.56 0.00	22.17 0.52 0.00	22.17 0.52 0.00	23.34 0.57 0.00	28.22 0.82 0.00	31.74 1.00 0.00	38.48 1.31 0.00	25.88 0.87 0.00	23.99 0.76 0.00	27.73 0.89 0.00	21.78 0.71 0.00	24.77 0.73 0.00	25.73 0.80 0.00	29.30 0.88 0.00	31.99 1.04 0.00	30.65 1.30 0.00	35.34 1.58 0.00	44.78 1.84 0.00	45.37 1.96 0.00	39.90 1.54 0.00	33.64 1.17 0.00	26.50 0.97 0.00	25.40 0.83 0.00

ROSETON___1 23587	23.04 0.89 0.00	23.67 0.80 0.00	22.43 0.78 0.00	22.45 0.81 0.00	23.65 0.88 0.00	28.49 1.09 0.00	32.35 1.61 0.00	39.50 2.33 0.00	26.41 1.40 0.00	24.44 1.21 0.00	28.26 1.42 0.00	22.10 1.04 0.00	25.14 1.10 0.00	26.04 1.11 0.00	29.70 1.28 0.00	32.40 1.44 0.00	31.10 1.75 0.00	36.35 2.59 0.00	45.76 2.81 0.00	45.86 2.45 0.00	40.51 2.15 0.00	33.91 1.44 0.00	26.58 1.05 0.00	25.47 0.89 0.00
ROSETON___2 23588	23.04 0.89 0.00	23.67 0.80 0.00	22.43 0.78 0.00	22.45 0.81 0.00	23.65 0.88 0.00	28.49 1.09 0.00	32.35 1.61 0.00	39.50 2.33 0.00	26.41 1.40 0.00	24.44 1.21 0.00	28.26 1.42 0.00	22.10 1.04 0.00	25.14 1.10 0.00	26.04 1.11 0.00	29.70 1.28 0.00	32.40 1.44 0.00	31.10 1.75 0.00	36.35 2.59 0.00	45.76 2.81 0.00	45.86 2.45 0.00	40.51 2.15 0.00	33.91 1.44 0.00	26.58 1.05 0.00	25.47 0.89 0.00
ROTTTRDAM_115KV_TB3 80664	22.64 0.50 0.00	23.31 0.45 0.00	22.09 0.44 0.00	22.11 0.47 0.00	23.29 0.52 0.00	28.05 0.65 0.00	31.64 0.89 0.00	38.58 1.40 0.00	25.84 0.84 0.00	23.91 0.68 0.00	27.67 0.83 0.00	21.66 0.59 0.00	24.74 0.70 0.00	25.67 0.75 0.00	29.36 0.94 0.00	32.02 1.07 0.00	30.60 1.26 0.00	35.33 1.56 0.00	44.64 1.69 0.00	44.93 1.53 0.00	39.69 1.33 0.00	33.40 0.93 0.00	26.22 0.69 0.00	25.18 0.60 0.00
RUSSELL___1 23602	21.35 -0.79 0.00	22.21 -0.65 0.00	20.95 -0.71 0.00	20.86 -0.78 0.00	21.99 -0.77 0.00	26.60 -0.80 0.00	29.68 -1.07 0.00	35.75 -1.43 0.00	24.06 -0.94 0.00	22.39 -0.85 0.00	25.84 -1.00 0.00	20.28 -0.79 0.00	23.34 -0.69 0.00	24.21 -0.72 0.00	27.68 -0.74 0.00	30.18 -0.78 0.00	28.98 -0.37 0.00	33.25 -0.51 0.00	41.73 -1.22 0.00	42.18 -1.23 0.00	36.87 -1.49 0.00	31.41 -1.06 0.00	24.86 -0.67 0.00	24.02 -0.55 0.00
RUSSELL___2 23532	21.35 -0.79 0.00	22.21 -0.65 0.00	20.95 -0.71 0.00	20.86 -0.78 0.00	21.99 -0.77 0.00	26.60 -0.80 0.00	29.68 -1.07 0.00	35.75 -1.43 0.00	24.06 -0.94 0.00	22.39 -0.85 0.00	25.84 -1.00 0.00	20.28 -0.79 0.00	23.34 -0.69 0.00	24.21 -0.72 0.00	27.68 -0.74 0.00	30.18 -0.78 0.00	28.98 -0.37 0.00	33.25 -0.51 0.00	41.73 -1.22 0.00	42.18 -1.23 0.00	36.87 -1.49 0.00	31.41 -1.06 0.00	24.86 -0.67 0.00	24.02 -0.55 0.00
RUSSELL___3 23549	21.35 -0.79 0.00	22.21 -0.65 0.00	20.95 -0.71 0.00	20.86 -0.78 0.00	21.99 -0.77 0.00	26.60 -0.80 0.00	29.68 -1.07 0.00	35.75 -1.43 0.00	24.06 -0.94 0.00	22.39 -0.85 0.00	25.84 -1.00 0.00	20.28 -0.79 0.00	23.34 -0.69 0.00	24.21 -0.72 0.00	27.68 -0.74 0.00	30.18 -0.78 0.00	28.98 -0.37 0.00	33.25 -0.51 0.00	41.73 -1.22 0.00	42.18 -1.23 0.00	36.87 -1.49 0.00	31.41 -1.06 0.00	24.86 -0.67 0.00	24.02 -0.55 0.00
RUSSELL___4 23556	21.35 -0.79 0.00	22.21 -0.65 0.00	20.95 -0.71 0.00	20.86 -0.78 0.00	21.99 -0.77 0.00	26.60 -0.80 0.00	29.68 -1.07 0.00	35.75 -1.43 0.00	24.06 -0.94 0.00	22.39 -0.85 0.00	25.84 -1.00 0.00	20.28 -0.79 0.00	23.34 -0.69 0.00	24.21 -0.72 0.00	27.68 -0.74 0.00	30.18 -0.78 0.00	28.98 -0.37 0.00	33.25 -0.51 0.00	41.73 -1.22 0.00	42.18 -1.23 0.00	36.87 -1.49 0.00	31.41 -1.06 0.00	24.86 -0.67 0.00	24.02 -0.55 0.00
RUSSELL___STATION 23914	21.35 -0.79 0.00	22.21 -0.65 0.00	20.95 -0.71 0.00	20.86 -0.78 0.00	21.99 -0.77 0.00	26.60 -0.80 0.00	29.68 -1.07 0.00	35.75 -1.43 0.00	24.06 -0.94 0.00	22.39 -0.85 0.00	25.84 -1.00 0.00	20.28 -0.79 0.00	23.34 -0.69 0.00	24.21 -0.72 0.00	27.68 -0.74 0.00	30.18 -0.78 0.00	28.98 -0.37 0.00	33.25 -0.51 0.00	41.73 -1.22 0.00	42.18 -1.23 0.00	36.87 -1.49 0.00	31.41 -1.06 0.00	24.86 -0.67 0.00	24.02 -0.55 0.00
S SALMON___HYD 24043	21.41 -0.74 0.00	22.17 -0.69 0.00	21.02 -0.63 0.00	20.98 -0.67 0.00	22.06 -0.71 0.00	26.58 -0.82 0.00	29.64 -1.10 0.00	35.92 -1.26 0.00	24.19 -0.81 0.00	22.42 -0.81 0.00	25.84 -1.00 0.00	20.32 -0.75 0.00	23.16 -0.88 0.00	24.10 -0.83 0.00	27.26 -1.17 0.00	29.80 -1.15 0.00	28.44 -0.91 0.00	32.84 -0.91 0.02	41.64 -1.31 0.00	42.20 -1.20 0.00	37.09 -1.27 0.00	31.46 -1.01 0.00	24.93 -0.60 0.00	23.98 -0.60 0.00
S.PERRY___115KV_TB1 80734	22.06 -0.08 0.00	22.83 -0.03 0.00	21.55 -0.10 0.00	21.27 -0.38 0.00	22.43 -0.34 0.00	27.27 -0.13 0.00	30.65 -0.10 0.00	37.15 -0.03 0.00	24.91 -0.10 0.00	22.80 -0.43 0.00	26.26 -0.58 0.00	20.49 -0.58 0.00	23.46 -0.58 0.00	24.25 -0.67 0.00	27.84 -0.58 0.00	30.69 -0.26 0.00	29.91 0.56 0.00	34.76 1.00 0.00	43.84 0.90 0.00	44.20 0.80 0.00	38.69 0.33 0.00	32.80 0.33 0.00	25.93 0.40 0.00	24.99 0.42 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.56 -1.58 0.00	21.52 -1.34 0.00	20.23 -1.43 0.00	20.09 -1.56 0.00	21.17 -1.60 0.00	25.63 -1.77 0.00	28.35 -2.40 0.00	33.82 -3.35 0.00	22.81 -2.19 0.00	21.30 -1.93 0.00	24.70 -2.14 0.00	19.33 -1.74 0.00	22.45 -1.59 0.00	23.21 -1.71 0.00	26.66 -1.76 0.00	28.99 -1.97 0.00	27.94 -1.41 0.00	31.80 -1.97 0.00	39.63 -3.32 0.00	40.20 -3.21 0.00	35.33 -3.03 0.00	30.56 -1.92 -0.01	24.39 -1.15 -0.01	23.70 -0.87 0.00
SAWYER___23_KV_LOAD 55526	20.56 -1.58 0.00	21.52 -1.34 0.00	20.23 -1.43 0.00	20.09 -1.56 0.00	21.17 -1.60 0.00	25.63 -1.77 0.00	28.35 -2.40 0.00	33.82 -3.35 0.00	22.81 -2.19 0.00	21.30 -1.93 0.00	24.70 -2.14 0.00	19.33 -1.74 0.00	22.45 -1.59 0.00	23.21 -1.71 0.00	26.66 -1.76 0.00	28.99 -1.97 0.00	27.94 -1.41 0.00	31.80 -1.97 0.00	39.63 -3.32 0.00	40.20 -3.21 0.00	35.33 -3.03 0.00	30.56 -1.92 -0.01	24.39 -1.15 -0.01	23.70 -0.87 0.00
SELKIRK___I 23801	22.65 0.50 0.00	23.29 0.43 0.00	22.12 0.46 0.00	22.15 0.50 0.00	23.29 0.52 0.00	27.95 0.55 0.00	31.50 0.76 0.00	38.34 1.17 0.00	25.68 0.67 0.00	23.76 0.53 0.00	27.49 0.66 0.00	21.55 0.48 0.00	24.59 0.55 0.00	25.51 0.59 0.00	29.21 0.80 0.00	31.87 0.92 0.00	30.46 1.12 0.00	35.23 1.46 0.00	44.50 1.55 0.00	44.80 1.40 0.00	39.57 1.22 0.00	33.33 0.86 0.00	26.19 0.66 0.00	25.17 0.60 0.00
SELKIRK___II 23799	22.53 0.38 0.00	23.15 0.29 0.00	21.99 0.33 0.00	22.03 0.38 0.00	23.15 0.39 0.00	27.80 0.40 0.00	31.36 0.62 0.00	38.20 1.03 0.00	25.59 0.59 0.00	23.69 0.45 0.00	27.41 0.57 0.00	21.47 0.40 0.00	24.49 0.45 0.00	25.40 0.48 0.00	29.06 0.64 0.00	31.70 0.74 0.00	30.31 0.97 0.00	35.10 1.33 0.00	44.31 1.37 0.00	44.60 1.19 0.00	39.41 1.05 0.00	33.14 0.67 0.00	26.04 0.51 0.00	25.01 0.44 0.00
SENECA OSWGO___HYD 24041	21.54 -0.60 0.00	22.25 -0.62 0.00	21.06 -0.60 0.00	21.03 -0.62 0.00	22.14 -0.63 0.00	26.64 -0.76 0.00	29.85 -0.90 0.00	36.13 -1.05 0.00	24.28 -0.72 0.00	22.54 -0.69 0.00	25.99 -0.85 0.00	20.46 -0.61 0.00	23.37 -0.67 0.00	24.23 -0.69 0.00	27.57 -0.85 0.00	30.06 -0.89 0.00	28.71 -0.64 0.00	33.19 -0.58 0.00	41.95 -0.99 0.00	42.33 -1.07 0.00	37.33 -1.03 0.00	31.61 -0.86 0.00	24.90 -0.63 0.00	23.94 -0.63 0.00

SENECA___115KV_TB3 355854	20.86 -1.28 0.00	21.79 -1.07 0.00	20.47 -1.19 0.00	20.32 -1.32 0.00	21.42 -1.34 0.00	25.96 -1.44 0.00	28.77 -1.97 0.00	34.37 -2.81 0.00	23.19 -1.81 0.00	21.63 -1.60 0.00	25.09 -1.75 0.00	19.61 -1.46 0.00	22.75 -1.29 0.00	23.53 -1.40 0.00	27.06 -1.36 0.00	29.42 -1.53 0.00	28.41 -0.94 0.00	32.40 -1.37 0.00	40.40 -2.55 -0.01	40.97 -2.45 -0.01	36.02 -2.35 -0.01	31.13 -1.38 -0.04	24.85 -0.72 -0.03	24.09 -0.48 0.00
SENECA___ENERGY 23797	21.96 -0.19 0.00	22.65 -0.21 0.00	21.44 -0.22 0.00	21.35 -0.30 0.00	22.50 -0.27 0.00	27.23 -0.17 0.00	30.57 -0.17 0.00	37.09 -0.09 0.00	24.99 -0.01 0.00	23.07 -0.16 0.00	26.49 -0.35 0.00	20.76 -0.31 0.00	23.82 -0.22 0.00	24.70 -0.23 0.00	28.27 -0.15 0.00	30.81 -0.15 0.00	29.61 0.27 0.00	34.32 0.56 0.00	43.17 0.23 0.00	43.51 0.11 0.00	38.31 -0.05 0.00	32.51 0.05 0.00	25.70 0.17 0.00	24.69 0.12 0.00
SHOEMAKER___GT 23640	22.97 0.83 0.00	23.62 0.76 0.00	22.38 0.72 0.00	22.39 0.74 0.00	23.59 0.82 0.00	28.43 1.03 0.00	32.23 1.49 0.00	39.30 2.12 0.00	26.29 1.28 0.00	24.28 1.05 0.00	28.04 1.20 0.00	21.93 0.86 0.00	24.92 0.88 0.00	25.82 0.89 0.00	29.45 1.03 0.00	32.17 1.22 0.00	30.88 1.53 0.00	36.07 2.30 0.00	45.45 2.50 0.00	45.62 2.22 0.00	40.28 1.92 0.00	33.76 1.29 0.00	26.48 0.94 0.00	25.38 0.81 0.00
SHOEMAKR_138KV_BK 111 55601	22.97 0.82 0.00	23.61 0.75 0.00	22.37 0.71 0.00	22.38 0.73 0.00	23.57 0.81 0.00	28.41 1.02 0.00	32.23 1.48 0.00	39.29 2.12 0.00	26.28 1.28 0.00	24.29 1.06 0.00	28.05 1.21 0.00	21.94 0.87 0.00	24.93 0.89 0.00	25.83 0.90 0.00	29.45 1.03 0.00	32.17 1.22 0.00	30.87 1.52 0.00	36.07 2.31 0.00	45.44 2.50 0.00	45.61 2.21 0.00	40.27 1.92 0.00	33.75 1.28 0.00	26.47 0.93 0.00	25.36 0.79 0.00
SHOREHAM_IC_1 23715	23.51 1.37 0.00	24.15 1.28 0.00	22.81 1.16 0.00	22.83 1.18 0.00	24.05 1.28 0.00	28.56 1.17 0.00	33.15 2.40 0.00	40.75 3.58 0.00	26.68 1.68 0.00	24.54 1.30 0.00	28.49 1.65 0.00	22.32 1.25 0.00	25.32 1.29 0.00	26.34 1.41 0.00	30.19 1.77 0.00	32.95 2.00 0.00	31.96 2.61 0.00	37.32 3.56 0.00	46.74 3.80 0.00	46.74 3.33 0.00	41.25 2.89 0.00	34.58 2.11 0.00	27.15 1.62 0.00	25.79 1.22 0.00
SHOREHAM_IC_2 23716	23.51 1.37 0.00	24.15 1.28 0.00	22.81 1.16 0.00	22.83 1.18 0.00	24.05 1.28 0.00	28.56 1.17 0.00	33.15 2.40 0.00	40.75 3.58 0.00	26.68 1.68 0.00	24.54 1.30 0.00	28.49 1.65 0.00	22.32 1.25 0.00	25.32 1.29 0.00	26.34 1.41 0.00	30.19 1.77 0.00	32.95 2.00 0.00	31.96 2.61 0.00	37.32 3.56 0.00	46.74 3.80 0.00	46.74 3.33 0.00	41.25 2.89 0.00	34.58 2.11 0.00	27.15 1.62 0.00	25.79 1.22 0.00
SISSONVILLE____ 23735	22.25 0.10 0.00	23.18 0.31 0.00	21.93 0.27 0.00	21.91 0.26 0.00	22.87 0.11 0.00	27.33 -0.06 0.00	30.22 -0.53 0.00	36.33 -0.84 0.00	24.57 -0.43 0.00	23.00 -0.24 0.00	26.68 -0.16 0.00	21.98 -0.15 -1.07	30.79 -0.15 -6.91	31.86 -0.11 -7.05	34.40 -0.36 -6.33	38.49 -0.41 -7.94	35.34 -1.09 -7.09	39.32 -2.36 -7.91	51.02 -1.60 -9.68	52.13 -1.09 -9.81	40.77 -0.63 -3.04	32.35 -0.11 0.00	30.24 -0.07 -4.78	24.69 0.12 0.00
SITHE_IND_GS1 24169	21.35 -0.79 0.00	22.05 -0.81 0.00	20.89 -0.77 0.00	20.87 -0.78 0.00	21.95 -0.82 0.00	26.38 -1.02 0.00	29.48 -1.26 0.00	35.66 -1.51 0.00	23.99 -1.02 0.00	22.29 -0.94 0.00	25.70 -1.14 0.00	20.25 -0.82 0.00	23.08 -0.96 0.00	23.93 -0.99 0.00	27.23 -1.19 0.00	29.69 -1.27 0.00	28.30 -1.05 0.00	32.65 -1.11 0.00	41.34 -1.61 0.00	41.74 -1.66 0.00	36.81 -1.55 0.00	31.18 -1.29 0.00	24.57 -0.96 0.00	23.64 -0.93 0.00
SITHE_IND_GS2 24170	21.35 -0.79 0.00	22.05 -0.81 0.00	20.89 -0.77 0.00	20.87 -0.78 0.00	21.95 -0.82 0.00	26.38 -1.02 0.00	29.48 -1.26 0.00	35.66 -1.51 0.00	23.99 -1.02 0.00	22.29 -0.94 0.00	25.70 -1.14 0.00	20.25 -0.82 0.00	23.08 -0.96 0.00	23.93 -0.99 0.00	27.23 -1.19 0.00	29.69 -1.27 0.00	28.30 -1.05 0.00	32.65 -1.11 0.00	41.34 -1.61 0.00	41.74 -1.66 0.00	36.81 -1.55 0.00	31.18 -1.29 0.00	24.57 -0.96 0.00	23.64 -0.93 0.00
SITHE_IND_GS3 24171	21.35 -0.79 0.00	22.05 -0.81 0.00	20.89 -0.77 0.00	20.87 -0.78 0.00	21.95 -0.82 0.00	26.38 -1.02 0.00	29.48 -1.26 0.00	35.66 -1.51 0.00	23.99 -1.02 0.00	22.29 -0.94 0.00	25.70 -1.14 0.00	20.25 -0.82 0.00	23.08 -0.96 0.00	23.93 -0.99 0.00	27.23 -1.19 0.00	29.69 -1.27 0.00	28.30 -1.05 0.00	32.65 -1.11 0.00	41.34 -1.61 0.00	41.74 -1.66 0.00	36.81 -1.55 0.00	31.18 -1.29 0.00	24.57 -0.96 0.00	23.64 -0.93 0.00
SITHE_IND_GS4 24172	21.35 -0.79 0.00	22.05 -0.81 0.00	20.89 -0.77 0.00	20.87 -0.78 0.00	21.95 -0.82 0.00	26.38 -1.02 0.00	29.48 -1.26 0.00	35.66 -1.51 0.00	23.99 -1.02 0.00	22.29 -0.94 0.00	25.70 -1.14 0.00	20.25 -0.82 0.00	23.08 -0.96 0.00	23.93 -0.99 0.00	27.23 -1.19 0.00	29.69 -1.27 0.00	28.30 -1.05 0.00	32.65 -1.11 0.00	41.34 -1.61 0.00	41.74 -1.66 0.00	36.81 -1.55 0.00	31.18 -1.29 0.00	24.57 -0.96 0.00	23.64 -0.93 0.00
SITHE___BATAVIA 24024	21.29 -0.85 0.00	22.25 -0.62 0.00	20.94 -0.72 0.00	20.82 -0.83 0.00	21.97 -0.80 0.00	26.65 -0.74 0.00	29.60 -1.15 0.00	35.53 -1.64 0.00	23.93 -1.07 0.00	22.21 -1.02 0.00	25.64 -1.20 0.00	20.01 -1.05 0.00	21.72 -0.83 1.49	21.95 -0.85 2.13	25.30 -0.62 2.50	27.30 -0.61 3.05	27.51 -0.09 1.75	32.59 -0.44 0.73	38.81 -1.24 2.89	39.62 -1.13 2.66	35.04 -1.15 2.17	24.46 -0.20 7.81	20.36 0.08 5.25	22.58 0.19 2.19
SITHE___INDEPEND 23800	21.35 -0.79 0.00	22.05 -0.81 0.00	20.89 -0.77 0.00	20.87 -0.78 0.00	21.95 -0.82 0.00	26.37 -1.02 0.00	29.49 -1.26 0.00	35.66 -1.51 0.00	23.99 -1.02 0.00	22.29 -0.94 0.00	25.70 -1.14 0.00	20.25 -0.82 0.00	23.08 -0.96 0.00	23.93 -0.99 0.00	27.23 -1.19 0.00	29.69 -1.27 0.00	28.30 -1.05 0.00	32.66 -1.10 0.00	41.34 -1.61 0.00	41.74 -1.66 0.00	36.81 -1.54 0.00	31.18 -1.29 0.00	24.57 -0.96 0.00	23.64 -0.93 0.00
SITHE___MASSENA 23902	22.44 0.29 0.00	23.32 0.46 0.00	22.07 0.41 0.00	22.04 0.39 0.00	23.11 0.34 0.00	27.77 0.37 0.00	30.86 0.12 0.00	37.07 -0.11 0.00	25.06 0.05 0.00	23.46 0.23 0.00	27.14 0.30 0.00	21.51 0.25 -0.20	25.65 0.34 -1.28	26.59 0.35 -1.30	29.87 0.27 -1.17	32.68 0.25 -1.47	30.30 -0.37 -1.31	33.60 -1.37 -1.20	44.15 -0.59 -1.79	45.02 -0.20 -1.82	38.93 0.01 -0.56	32.69 0.22 0.00	26.56 0.13 -0.88	24.85 0.27 0.00
SITHE___OGDNSBRG 24021	22.82 0.68 0.00	23.77 0.91 0.00	22.50 0.84 0.00	22.46 0.82 0.00	23.49 0.72 0.00	28.11 0.71 0.00	31.23 0.49 0.00	37.53 0.35 0.00	25.38 0.38 0.00	23.77 0.54 0.00	27.55 0.71 0.00	22.31 0.51 -0.73	29.39 0.63 -4.72	30.40 0.66 -4.82	33.31 0.56 -4.33	36.97 0.59 -5.43	34.13 -0.07 -4.84	37.89 -1.17 -5.31	49.44 -0.11 -6.61	50.48 0.37 -6.70	40.99 0.55 -2.08	33.21 0.74 0.00	29.34 0.54 -3.27	25.22 0.65 0.00

SITHE___STERLING 23777	22.53 0.38 0.00	23.28 0.41 0.00	22.04 0.38 0.00	22.04 0.39 0.00	23.20 0.43 0.00	28.03 0.63 0.00	31.55 0.80 0.00	38.25 1.08 0.00	25.68 0.67 0.00	23.79 0.56 0.00	27.51 0.67 0.00	21.62 0.55 0.00	24.59 0.55 0.00	25.50 0.58 0.00	29.08 0.66 0.00	31.77 0.82 0.00	30.42 1.07 0.00	35.10 1.33 0.00	44.42 1.48 0.00	44.90 1.50 0.00	39.55 1.19 0.00	33.37 0.90 0.00	26.25 0.71 0.00	25.17 0.60 0.00
SLEIGHT__34_KV_TB1 80719	21.51 -0.64 0.00	22.27 -0.60 0.00	21.04 -0.61 0.00	20.99 -0.66 0.00	22.12 -0.65 0.00	26.76 -0.64 0.00	29.97 -0.78 0.00	36.22 -0.95 0.00	24.36 -0.64 0.00	22.61 -0.62 0.00	26.07 -0.77 0.00	20.47 -0.60 0.00	23.50 -0.54 0.00	24.41 -0.51 0.00	27.85 -0.57 0.00	30.35 -0.60 0.00	29.16 -0.19 0.00	33.56 -0.20 0.00	42.18 -0.77 0.00	42.58 -0.82 0.00	37.42 -0.94 0.00	31.86 -0.61 0.00	25.17 -0.37 0.00	24.23 -0.34 0.00
SOUTH CAIRO___GT 23612	23.35 1.21 0.00	24.00 1.13 0.00	22.80 1.14 0.00	22.84 1.19 0.00	24.03 1.26 0.00	28.88 1.48 0.00	32.66 1.91 0.00	39.81 2.64 0.00	26.61 1.60 0.00	24.39 1.15 0.00	28.01 1.17 0.00	21.88 0.81 0.00	24.99 0.95 0.00	25.99 1.07 0.00	30.09 1.67 0.00	33.02 2.06 0.00	31.89 2.54 0.00	36.90 3.14 0.00	46.59 3.65 0.00	46.96 3.55 0.00	41.41 3.05 0.00	34.81 2.35 0.00	27.28 1.74 0.00	26.14 1.57 0.00
SOUTH HAMPTN___IC 23720	23.78 1.64 0.00	24.42 1.56 0.00	23.07 1.42 0.00	23.09 1.44 0.00	24.32 1.56 0.00	28.95 1.55 0.00	33.58 2.83 0.00	41.25 4.08 0.00	27.04 2.04 0.00	24.87 1.64 0.00	28.85 2.01 0.00	22.61 1.54 0.00	25.64 1.60 0.00	26.66 1.74 0.00	30.56 2.14 0.00	33.41 2.46 0.00	32.44 3.09 0.00	37.88 4.12 0.00	47.43 4.49 0.00	47.43 4.03 0.00	41.87 3.51 0.00	35.06 2.60 0.00	27.53 1.99 0.00	26.16 1.59 0.00
SOUTHDOW_115KV_TB1 355954	21.39 -0.75 0.00	22.22 -0.65 0.00	20.87 -0.78 0.00	20.69 -0.96 0.00	21.78 -0.99 0.00	26.52 -0.88 0.00	29.76 -0.99 0.00	36.01 -1.16 0.00	24.36 -0.65 0.00	22.50 -0.73 0.00	25.86 -0.98 0.00	20.15 -0.92 0.00	23.27 -0.77 0.00	24.05 -0.88 0.00	27.61 -0.81 0.00	30.18 -0.78 0.00	29.27 -0.08 0.00	33.82 0.06 0.00	42.33 -0.62 0.00	42.73 -0.68 0.00	37.53 -0.83 0.00	32.37 -0.13 0.00	25.74 0.18 0.00	24.92 0.35 0.00
SOUTHOLD_69_KV_BK 2 55809	24.12 1.98 0.00	24.77 1.90 0.00	23.40 1.74 0.00	23.41 1.77 0.00	24.67 1.91 0.00	29.40 2.01 0.00	34.11 3.37 0.00	41.90 4.73 0.00	27.48 2.48 0.00	25.25 2.02 0.00	29.26 2.42 0.00	22.90 1.83 0.00	25.98 1.94 0.00	27.03 2.10 0.00	31.00 2.58 0.00	33.93 2.98 0.00	33.00 3.65 0.00	38.59 4.83 0.00	48.31 5.37 0.00	48.31 4.90 0.00	42.61 4.25 0.00	35.67 3.20 0.00	27.98 2.45 0.00	26.58 2.01 0.00
SOUTHOLD___IC 23719	24.12 1.98 0.00	24.77 1.90 0.00	23.40 1.74 0.00	23.41 1.77 0.00	24.67 1.91 0.00	29.40 2.00 0.00	34.11 3.37 0.00	41.90 4.73 0.00	27.48 2.48 0.00	25.25 2.02 0.00	29.26 2.42 0.00	22.90 1.83 0.00	25.98 1.94 0.00	27.02 2.10 0.00	31.00 2.58 0.00	33.93 2.98 0.00	33.01 3.66 0.00	38.58 4.81 0.00	48.31 5.36 0.00	48.29 4.88 0.00	42.61 4.25 0.00	35.68 3.21 0.00	27.98 2.45 0.00	26.59 2.01 0.00
SOUTH_FORK_WT_PWR 323839	24.15 2.01 0.00	24.80 1.93 0.00	23.42 1.77 0.00	23.44 1.80 0.00	24.70 1.93 0.00	29.43 2.03 0.00	34.16 3.41 0.00	41.96 4.79 0.00	27.51 2.50 0.00	25.27 2.04 0.00	29.29 2.45 0.00	22.92 1.86 0.00	26.00 1.97 0.00	27.05 2.12 0.00	31.03 2.61 0.00	33.96 3.01 0.00	33.04 3.69 0.00	38.61 4.85 0.00	48.35 5.41 0.00	48.33 4.93 0.00	42.65 4.29 0.00	35.72 3.25 0.00	28.02 2.49 0.00	26.62 2.05 0.00
SPIERFLS_115KV_TB 1 80737	22.46 0.32 0.00	23.10 0.23 0.00	21.91 0.25 0.00	21.97 0.32 0.00	23.19 0.42 0.00	28.08 0.68 0.00	31.78 1.04 0.00	38.83 1.65 0.00	25.89 0.88 0.00	23.86 0.63 0.00	27.59 0.75 0.00	21.56 0.49 0.00	24.74 0.70 0.00	25.71 0.78 0.00	29.58 1.16 0.00	32.21 1.26 0.00	30.91 1.56 0.00	35.83 2.07 0.00	45.02 2.07 0.00	45.12 1.71 0.00	39.84 1.48 0.00	33.44 0.97 0.00	26.19 0.66 0.00	25.12 0.55 0.00
ST LAWRENCE____ 23600	22.15 0.01 0.00	22.99 0.13 0.00	21.76 0.10 0.00	21.74 0.09 0.00	22.81 0.04 0.00	27.43 0.04 0.00	30.62 -0.13 0.00	36.76 -0.41 0.00	24.85 -0.15 0.00	23.21 -0.02 0.00	26.82 -0.02 0.00	21.06 -0.01 0.00	24.10 0.05 0.00	24.99 0.06 0.00	28.45 0.03 0.00	30.93 -0.02 0.00	28.76 -0.59 0.00	32.16 -1.29 0.32	42.03 -0.91 0.00	42.82 -0.58 0.00	38.01 -0.35 0.00	32.36 -0.11 0.00	25.40 -0.13 0.00	24.57 0.00 0.00
STATE_CA_115KV_115_LB 55624	22.54 0.40 0.00	23.14 0.28 0.00	22.01 0.35 0.00	22.05 0.40 0.00	23.16 0.39 0.00	27.79 0.39 0.00	31.37 0.62 0.00	38.25 1.08 0.00	25.62 0.62 0.00	23.71 0.48 0.00	27.46 0.62 0.00	21.53 0.46 0.00	24.55 0.51 0.00	25.47 0.55 0.00	29.15 0.73 0.00	31.80 0.85 0.00	30.44 1.09 0.00	35.23 1.47 0.00	44.44 1.49 0.00	44.69 1.28 0.00	39.49 1.13 0.00	33.18 0.71 0.00	26.07 0.54 0.00	25.03 0.46 0.00
STATE_ST_34_KV_LOAD 55959	22.34 0.20 0.00	22.98 0.11 0.00	21.78 0.12 0.00	21.75 0.11 0.00	22.92 0.15 0.00	27.71 0.31 0.00	31.07 0.33 0.00	37.67 0.49 0.00	25.35 0.35 0.00	23.45 0.22 0.00	26.98 0.13 0.00	21.16 0.09 0.00	24.22 0.18 0.00	25.17 0.24 0.00	28.75 0.33 0.00	31.25 0.29 0.00	30.11 0.76 0.00	34.88 1.12 0.00	43.92 0.97 0.00	44.32 0.92 0.00	38.95 0.58 0.00	33.05 0.58 0.00	26.13 0.60 0.00	25.08 0.51 0.00
STATION 5_MISC_HYD 23604	21.25 -0.90 0.00	22.10 -0.76 0.00	20.85 -0.80 0.00	20.77 -0.88 0.00	21.89 -0.87 0.00	26.48 -0.91 0.00	29.51 -1.24 0.00	35.53 -1.65 0.00	23.92 -1.09 0.00	22.26 -0.97 0.00	25.70 -1.14 0.00	20.18 -0.88 0.00	22.31 -0.81 0.92	22.77 -0.86 1.30	26.15 -0.89 1.38	28.32 -0.95 1.69	27.82 -0.55 0.97	32.58 -0.78 0.41	39.82 -1.51 1.61	40.40 -1.52 1.48	35.46 -1.73 1.17	27.07 -1.27 4.13	21.93 -0.81 2.79	22.73 -0.70 1.15
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.62 -0.53 0.00	22.41 -0.45 0.00	21.19 -0.47 0.00	21.10 -0.55 0.00	22.25 -0.52 0.00	26.92 -0.48 0.00	30.15 -0.60 0.00	36.42 -0.76 0.00	24.51 -0.50 0.00	22.72 -0.51 0.00	26.17 -0.67 0.00	20.55 -0.52 0.00	23.64 -0.40 0.00	24.55 -0.37 0.00	28.06 -0.36 0.00	30.60 -0.35 0.00	29.38 0.04 0.00	33.86 0.10 0.00	42.57 -0.37 0.00	42.98 -0.43 0.00	38.11 -0.25 0.00	32.59 0.13 0.00	25.74 0.21 0.00	24.77 0.19 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.20 -0.95 0.00	22.03 -0.83 0.00	20.80 -0.85 0.00	20.72 -0.93 0.00	21.84 -0.93 0.00	26.40 -1.00 0.00	29.46 -1.29 0.00	35.50 -1.68 0.00	23.89 -1.11 0.00	22.23 -1.00 0.00	25.66 -1.18 0.00	20.15 -0.91 0.00	23.18 -0.86 0.00	24.03 -0.89 0.00	27.42 -1.00 0.00	29.90 -1.06 0.00	28.68 -0.67 0.00	32.93 -0.83 0.00	41.35 -1.59 0.00	41.79 -1.62 0.00	36.64 -1.71 0.00	31.20 -1.27 0.00	24.67 -0.86 0.00	23.82 -0.76 0.00

STA_56___34_KV_BUS2 355983	21.20 -0.95 0.00	22.03 -0.83 0.00	20.80 -0.85 0.00	20.72 -0.93 0.00	21.84 -0.93 0.00	26.40 -1.00 0.00	29.46 -1.29 0.00	35.50 -1.68 0.00	23.89 -1.11 0.00	22.23 -1.00 0.00	25.66 -1.18 0.00	20.15 -0.91 0.00	23.18 -0.86 0.00	24.03 -0.89 0.00	27.42 -1.00 0.00	29.90 -1.06 0.00	28.68 -0.67 0.00	32.93 -0.83 0.00	41.35 -1.59 0.00	41.79 -1.62 0.00	36.64 -1.71 0.00	31.20 -1.27 0.00	24.67 -0.86 0.00	23.82 -0.76 0.00
STA_67___115KV_BK2 355882	21.20 -0.95 0.00	22.05 -0.81 0.00	20.81 -0.85 0.00	20.72 -0.93 0.00	21.84 -0.92 0.00	26.40 -1.00 0.00	29.43 -1.32 0.00	35.42 -1.75 0.00	23.84 -1.16 0.00	22.19 -1.04 0.00	25.63 -1.21 0.00	20.12 -0.95 0.00	23.16 -0.88 0.00	24.00 -0.93 0.00	27.44 -0.98 0.00	29.90 -1.06 0.00	28.70 -0.65 0.00	32.92 -0.85 0.00	41.29 -1.65 0.00	41.74 -1.66 0.00	36.52 -1.84 0.00	31.14 -1.33 0.00	24.66 -0.88 0.00	23.84 -0.73 0.00
STA_7___115KV_9TRANS 80674	21.35 -0.79 0.00	22.21 -0.65 0.00	20.95 -0.71 0.00	20.86 -0.78 0.00	21.99 -0.77 0.00	26.60 -0.80 0.00	29.68 -1.07 0.00	35.75 -1.43 0.00	24.06 -0.94 0.00	22.39 -0.85 0.00	25.84 -1.00 0.00	20.28 -0.79 0.00	23.34 -0.69 0.00	24.21 -0.72 0.00	27.68 -0.74 0.00	30.18 -0.78 0.00	28.98 -0.37 0.00	33.25 -0.51 0.00	41.73 -1.22 0.00	42.18 -1.23 0.00	36.87 -1.49 0.00	31.41 -1.06 0.00	24.86 -0.67 0.00	24.02 -0.55 0.00
STA_82___115KV_TB1 80780	21.21 -0.94 0.00	22.07 -0.80 0.00	20.82 -0.84 0.00	20.73 -0.92 0.00	21.85 -0.91 0.00	26.42 -0.98 0.00	29.44 -1.31 0.00	35.45 -1.73 0.00	23.86 -1.14 0.00	22.20 -1.03 0.00	25.64 -1.20 0.00	20.13 -0.94 0.00	23.17 -0.87 0.00	24.01 -0.92 0.00	27.46 -0.96 0.00	29.92 -1.03 0.00	28.72 -0.62 0.00	32.94 -0.82 0.00	41.32 -1.63 0.00	41.76 -1.64 0.00	36.53 -1.83 0.00	31.12 -1.35 0.00	24.66 -0.88 0.00	23.84 -0.73 0.00
STEEL___WIND 323596	20.81 -1.33 0.00	21.75 -1.11 0.00	20.42 -1.24 0.00	20.28 -1.36 0.00	21.37 -1.39 0.00	25.92 -1.47 0.00	28.72 -2.02 0.00	34.27 -2.90 0.00	23.14 -1.86 0.00	21.56 -1.67 0.00	25.03 -1.81 0.00	19.56 -1.51 0.00	20.41 -1.34 2.28	20.22 -1.47 3.24	23.32 -1.42 3.68	24.86 -1.60 4.49	25.74 -1.02 2.58	31.15 -1.52 1.09	36.04 -2.63 4.28	36.95 -2.52 3.93	32.80 -2.42 3.13	19.89 -1.47 11.11	17.26 -0.78 7.49	20.92 -0.55 3.10
STEPHTWN_115KV_BK_2 55603	22.78 0.64 0.00	23.39 0.52 0.00	22.22 0.56 0.00	22.24 0.59 0.00	23.43 0.66 0.00	28.15 0.75 0.00	31.80 1.05 0.00	38.73 1.56 0.00	25.92 0.92 0.00	23.95 0.71 0.00	27.71 0.88 0.00	21.68 0.61 0.00	24.72 0.69 0.00	25.66 0.73 0.00	29.46 1.04 0.00	32.14 1.18 0.00	30.79 1.44 0.00	35.76 1.99 0.00	45.12 2.17 0.00	45.32 1.92 0.00	40.02 1.66 0.00	33.57 1.10 0.00	26.38 0.85 0.00	25.26 0.69 0.00
STEUBEN_REC_LFGE 323667	21.47 -0.68 0.00	22.05 -0.81 0.00	20.91 -0.75 0.00	20.39 -1.26 0.00	21.43 -1.34 0.00	26.20 -1.19 0.00	29.45 -1.29 0.00	35.76 -1.42 0.00	23.86 -1.14 0.00	22.00 -1.24 0.00	25.42 -1.42 0.00	19.82 -1.25 0.00	22.48 -1.56 0.00	23.16 -1.77 0.00	26.49 -1.93 0.00	29.12 -1.83 0.00	28.52 -0.83 0.00	33.55 -0.21 0.00	42.52 -0.43 0.00	42.62 -0.78 0.00	37.70 -0.66 0.00	32.27 -0.19 0.00	25.53 0.00 0.00	24.62 0.05 0.00
STILLWATER___SOLAR 323814	22.82 0.67 0.00	23.47 0.60 0.00	22.26 0.60 0.00	22.31 0.66 0.00	23.51 0.74 0.00	28.36 0.96 0.00	32.06 1.31 0.00	39.11 1.94 0.00	26.12 1.12 0.00	24.11 0.88 0.00	27.89 1.05 0.00	21.78 0.71 0.00	24.93 0.88 0.00	25.90 0.97 0.00	29.74 1.32 0.00	32.45 1.49 0.00	31.08 1.73 0.00	35.96 2.20 0.00	45.32 2.37 0.00	45.54 2.13 0.00	40.24 1.88 0.00	33.79 1.32 0.00	26.51 0.97 0.00	25.44 0.86 0.00
STONY___BROOK 24151	23.65 1.51 0.00	24.24 1.38 0.00	22.88 1.22 0.00	22.89 1.24 0.00	24.13 1.36 0.00	28.87 1.47 0.00	33.31 2.57 0.00	40.81 3.63 0.00	26.94 1.94 0.00	24.93 1.70 0.00	28.91 2.07 0.00	22.64 1.58 0.00	25.71 1.67 0.00	26.73 1.80 0.00	30.52 2.10 0.00	33.45 2.49 0.00	32.40 3.05 0.00	37.72 3.95 0.00	47.21 4.27 0.00	47.21 3.81 0.00	41.69 3.33 0.00	34.93 2.46 0.00	27.41 1.87 0.00	26.11 1.54 0.00
STURGEON_POOL_HYD 23609	23.05 0.90 0.00	23.69 0.83 0.00	22.43 0.78 0.00	22.45 0.81 0.00	23.66 0.90 0.00	28.53 1.13 0.00	32.36 1.61 0.00	39.50 2.33 0.00	26.42 1.42 0.00	24.45 1.22 0.00	28.26 1.42 0.00	22.09 1.02 0.00	25.12 1.08 0.00	26.02 1.10 0.00	29.66 1.24 0.00	32.40 1.44 0.00	31.07 1.72 0.00	36.29 2.52 0.00	45.72 2.78 0.00	45.88 2.48 0.00	40.51 2.15 0.00	33.94 1.47 0.00	26.61 1.08 0.00	25.50 0.92 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.05 0.90 0.00	23.69 0.83 0.00	22.45 0.79 0.00	22.46 0.81 0.00	23.66 0.89 0.00	28.53 1.13 0.00	32.41 1.66 0.00	39.53 2.36 0.00	26.44 1.44 0.00	24.45 1.21 0.00	28.24 1.40 0.00	22.10 1.03 0.00	25.10 1.06 0.00	25.99 1.06 0.00	29.63 1.20 0.00	32.34 1.38 0.00	31.06 1.71 0.00	36.35 2.59 0.00	45.76 2.82 0.00	45.91 2.50 0.00	40.52 2.16 0.00	33.91 1.44 0.00	26.58 1.04 0.00	25.45 0.88 0.00
SWANROAD_115KV_TB1 355699	20.25 -1.90 0.00	21.22 -1.64 0.00	19.94 -1.71 0.00	19.82 -1.83 0.00	20.88 -1.89 0.00	25.26 -2.14 0.00	27.81 -2.94 0.00	33.11 -4.07 0.00	22.34 -2.67 0.00	20.86 -2.37 0.00	24.16 -2.68 0.00	18.91 -2.15 0.00	21.98 -2.06 0.00	22.76 -2.16 0.00	26.31 -2.11 0.00	28.62 -2.33 0.00	27.54 -1.81 0.00	31.15 -2.63 -0.01	38.83 -4.15 -0.04	39.50 -3.93 -0.03	34.71 -3.68 -0.03	30.23 -2.37 -0.13	24.16 -1.52 -0.13	23.37 -1.20 0.00
SYNERGY___BIOGAS 323694	21.29 -0.85 0.00	22.25 -0.62 0.00	20.94 -0.72 0.00	20.82 -0.83 0.00	21.97 -0.80 0.00	26.65 -0.74 0.00	29.60 -1.15 0.00	35.53 -1.64 0.00	23.93 -1.07 0.00	22.21 -1.02 0.00	25.64 -1.20 0.00	20.01 -1.05 0.00	21.72 -0.83 1.49	21.95 -0.85 2.13	25.30 -0.62 2.50	27.30 -0.61 3.05	27.51 -0.09 1.75	32.59 -0.44 0.73	38.81 -1.24 2.89	39.62 -1.13 2.66	35.04 -1.15 2.17	24.46 -0.20 7.81	20.36 0.08 5.25	22.58 0.19 2.19
SYRACUSE___ENERGY_ST1 323597	22.10 -0.04 0.00	22.80 -0.07 0.00	21.56 -0.09 0.00	21.53 -0.12 0.00	22.70 -0.06 0.00	27.37 -0.03 0.00	30.67 -0.07 0.00	37.22 0.04 0.00	25.04 0.04 0.00	23.20 -0.03 0.00	26.68 -0.16 0.00	20.98 -0.09 0.00	23.99 -0.05 0.00	24.87 -0.06 0.00	28.36 -0.06 0.00	30.91 -0.05 0.00	29.63 0.28 0.00	34.28 0.51 0.00	43.26 0.31 0.00	43.62 0.21 0.00	38.44 0.08 0.00	32.61 0.14 0.00	25.70 0.16 0.00	24.68 0.11 0.00
SYRACUSE___ENERGY_ST2 323598	22.10 -0.04 0.00	22.80 -0.07 0.00	21.56 -0.09 0.00	21.53 -0.12 0.00	22.70 -0.06 0.00	27.37 -0.03 0.00	30.67 -0.07 0.00	37.22 0.04 0.00	25.04 0.04 0.00	23.20 -0.03 0.00	26.68 -0.16 0.00	20.98 -0.09 0.00	23.99 -0.05 0.00	24.87 -0.06 0.00	28.36 -0.06 0.00	30.91 -0.05 0.00	29.63 0.28 0.00	34.28 0.51 0.00	43.26 0.31 0.00	43.62 0.21 0.00	38.44 0.08 0.00	32.61 0.14 0.00	25.70 0.16 0.00	24.68 0.11 0.00

SYRACUSE___POWER 24017	21.94 -0.21 0.00	22.64 -0.23 0.00	21.43 -0.23 0.00	21.38 -0.27 0.00	22.52 -0.24 0.00	27.12 -0.27 0.00	30.42 -0.33 0.00	36.86 -0.31 0.00	24.76 -0.24 0.00	22.97 -0.26 0.00	26.48 -0.36 0.00	20.83 -0.23 0.00	23.79 -0.24 0.00	24.68 -0.25 0.00	28.10 -0.32 0.00	30.66 -0.29 0.00	29.34 -0.01 0.00	33.94 0.18 0.00	42.87 -0.07 0.00	43.25 -0.16 0.00	38.11 -0.25 0.00	32.26 -0.21 0.00	25.41 -0.13 0.00	24.41 -0.16 0.00
TALLMAN___138KV_BK151 55660	23.12 0.97 0.00	23.75 0.89 0.00	22.50 0.85 0.00	22.52 0.87 0.00	23.73 0.96 0.00	28.62 1.22 0.00	32.56 1.82 0.00	39.74 2.56 0.00	26.58 1.58 0.00	24.58 1.35 0.00	28.40 1.56 0.00	22.23 1.16 0.00	25.25 1.21 0.00	26.12 1.20 0.00	29.76 1.34 0.00	32.47 1.52 0.00	31.19 1.84 0.00	36.59 2.82 0.00	46.01 3.07 0.00	46.13 2.73 0.00	40.72 2.36 0.00	34.05 1.58 0.00	26.66 1.13 0.00	25.52 0.94 0.00
TEALLAVE_115KV_TB7 355573	21.76 -0.38 0.00	22.46 -0.40 0.00	21.27 -0.39 0.00	21.23 -0.42 0.00	22.36 -0.41 0.00	26.91 -0.49 0.00	30.13 -0.61 0.00	36.47 -0.70 0.00	24.51 -0.50 0.00	22.75 -0.48 0.00	26.26 -0.58 0.00	20.69 -0.38 0.00	23.61 -0.43 0.00	24.48 -0.44 0.00	27.86 -0.56 0.00	30.39 -0.57 0.00	29.06 -0.28 0.00	33.60 -0.16 0.00	42.44 -0.50 0.00	42.80 -0.61 0.00	37.72 -0.64 0.00	31.93 -0.54 0.00	25.15 -0.38 0.00	24.17 -0.40 0.00
TELGRAPH_34_KV_EAST 80808	20.78 -1.36 0.00	21.75 -1.11 0.00	20.44 -1.21 0.00	20.33 -1.32 0.00	21.43 -1.34 0.00	25.96 -1.44 0.00	28.71 -2.03 0.00	34.33 -2.84 0.00	23.13 -1.87 0.00	21.57 -1.66 0.00	24.95 -1.89 0.00	19.52 -1.55 0.00	22.68 -1.36 0.00	23.48 -1.44 0.00	26.99 -1.43 0.00	29.40 -1.55 0.00	28.33 -1.02 0.00	32.16 -1.61 -0.01	40.07 -2.89 -0.02	40.68 -2.74 -0.02	35.75 -2.63 -0.01	31.07 -1.49 -0.09	24.77 -0.85 -0.09	23.97 -0.60 0.00
TEMPLE___115KV_TB 2 55572	21.77 -0.37 0.00	22.47 -0.39 0.00	21.27 -0.38 0.00	21.24 -0.41 0.00	22.36 -0.40 0.00	26.92 -0.48 0.00	30.14 -0.60 0.00	36.49 -0.68 0.00	24.51 -0.49 0.00	22.76 -0.47 0.00	26.27 -0.57 0.00	20.69 -0.38 0.00	23.62 -0.42 0.00	24.50 -0.43 0.00	27.87 -0.55 0.00	30.41 -0.54 0.00	29.08 -0.27 0.00	33.62 -0.14 0.00	42.45 -0.50 0.00	42.82 -0.58 0.00	37.74 -0.62 0.00	31.95 -0.52 0.00	25.16 -0.37 0.00	24.19 -0.38 0.00
TIANA____69_KV_BK 1 55817	23.72 1.58 0.00	24.36 1.49 0.00	23.01 1.35 0.00	23.02 1.38 0.00	24.26 1.49 0.00	28.87 1.47 0.00	33.48 2.74 0.00	41.13 3.96 0.00	26.97 1.97 0.00	24.81 1.58 0.00	28.78 1.94 0.00	22.54 1.47 0.00	25.57 1.53 0.00	26.60 1.67 0.00	30.48 2.06 0.00	33.32 2.37 0.00	32.34 3.00 0.00	37.79 4.03 0.00	47.30 4.36 0.00	47.31 3.91 0.00	41.75 3.39 0.00	34.97 2.50 0.00	27.46 1.92 0.00	26.09 1.52 0.00
TILDEN___115KV_TB1 80814	21.94 -0.21 0.00	22.64 -0.23 0.00	21.43 -0.23 0.00	21.38 -0.27 0.00	22.52 -0.24 0.00	27.12 -0.27 0.00	30.42 -0.33 0.00	36.86 -0.31 0.00	24.76 -0.24 0.00	22.97 -0.26 0.00	26.48 -0.36 0.00	20.83 -0.23 0.00	23.79 -0.24 0.00	24.68 -0.25 0.00	28.10 -0.32 0.00	30.66 -0.29 0.00	29.34 -0.01 0.00	33.94 0.18 0.00	42.87 -0.07 0.00	43.25 -0.16 0.00	38.11 -0.25 0.00	32.26 -0.21 0.00	25.41 -0.13 0.00	24.41 -0.16 0.00
TRIGEN___CC 323695	23.37 1.22 0.00	23.96 1.10 0.00	22.65 0.99 0.00	22.66 1.01 0.00	23.89 1.12 0.00	28.72 1.33 0.00	32.90 2.16 0.00	40.22 3.05 0.00	26.73 1.73 0.00	24.78 1.55 0.00	28.70 1.86 0.00	22.47 1.41 0.00	25.52 1.48 0.00	26.49 1.56 0.00	30.20 1.78 0.00	33.01 2.06 0.00	31.83 2.48 0.00	37.19 3.43 0.00	46.62 3.67 0.00	46.70 3.29 0.00	41.23 2.87 0.00	34.42 1.95 0.00	27.00 1.47 0.00	25.80 1.23 0.00
TRINITY___115KV___4 BK 55933	22.47 0.33 0.00	23.07 0.20 0.00	21.94 0.28 0.00	21.99 0.34 0.00	23.09 0.32 0.00	27.69 0.29 0.00	31.25 0.50 0.00	38.11 0.93 0.00	25.51 0.51 0.00	23.61 0.38 0.00	27.35 0.51 0.00	21.43 0.36 0.00	24.45 0.41 0.00	25.36 0.43 0.00	29.03 0.61 0.00	31.66 0.71 0.00	30.29 0.94 0.00	35.08 1.32 0.00	44.25 1.31 0.00	44.50 1.09 0.00	39.34 0.98 0.00	33.04 0.57 0.00	25.99 0.45 0.00	24.94 0.37 0.00
UNION___PROCESSING_DRP 323587	21.21 -0.93 0.00	22.08 -0.79 0.00	20.83 -0.83 0.00	20.74 -0.91 0.00	21.86 -0.91 0.00	26.42 -0.97 0.00	29.46 -1.28 0.00	35.46 -1.71 0.00	23.87 -1.14 0.00	22.21 -1.02 0.00	25.65 -1.19 0.00	20.14 -0.93 0.00	23.17 -0.87 0.00	24.02 -0.90 0.00	27.46 -0.96 0.00	29.93 -1.03 0.00	28.73 -0.62 0.00	32.95 -0.81 0.00	41.34 -1.61 0.00	41.79 -1.62 0.00	37.15 -1.21 0.00	32.48 -0.02 -0.03	25.74 0.18 -0.03	24.81 0.24 0.00
UPPER HUDSON___HYD 24058	22.46 0.32 0.00	23.10 0.23 0.00	21.91 0.25 0.00	21.97 0.32 0.00	23.19 0.42 0.00	28.07 0.68 0.00	31.78 1.04 0.00	38.83 1.65 0.00	25.89 0.88 0.00	23.86 0.63 0.00	27.59 0.75 0.00	21.56 0.49 0.00	24.74 0.70 0.00	25.71 0.78 0.00	29.58 1.16 0.00	32.21 1.26 0.00	30.91 1.56 0.00	35.83 2.06 0.00	45.02 2.07 0.00	45.13 1.72 0.00	39.84 1.48 0.00	33.44 0.97 0.00	26.19 0.66 0.00	25.12 0.55 0.00
UPPER RAQUET___HYD 24056	22.25 0.10 0.00	23.18 0.31 0.00	21.93 0.27 0.00	21.91 0.26 0.00	22.87 0.11 0.00	27.33 -0.06 0.00	30.22 -0.53 0.00	36.33 -0.84 0.00	24.57 -0.43 0.00	23.00 -0.24 0.00	26.68 -0.16 0.00	21.98 -0.15 -1.07	30.79 -0.15 -6.91	31.86 -0.11 -7.05	34.40 -0.36 -6.33	38.49 -0.41 -7.94	35.34 -1.09 -7.09	39.36 -2.31 -7.91	51.02 -1.60 -9.68	52.12 -1.09 -9.81	40.77 -0.63 -3.04	32.35 -0.11 0.00	30.25 -0.06 -4.78	24.70 0.12 0.00
VALLEY44_115KV_TB2 355964	21.75 -0.39 0.00	22.65 -0.22 0.00	21.31 -0.35 0.00	21.19 -0.46 0.00	22.40 -0.37 0.00	27.08 -0.32 0.00	29.96 -0.79 0.00	36.23 -0.94 0.00	24.38 -0.62 0.00	22.77 -0.46 0.00	26.38 -0.46 0.00	20.67 -0.39 0.00	23.94 -0.10 0.00	24.67 -0.26 0.00	28.23 -0.19 0.00	30.56 -0.40 0.00	29.44 0.09 0.00	33.82 0.06 0.00	42.41 -0.54 -0.01	42.81 -0.60 -0.01	37.84 -0.53 -0.01	32.24 -0.25 -0.03	25.82 0.26 -0.03	24.94 0.37 0.00
VALLEY___115KV_TB 1-4 80826	21.98 -0.17 0.00	22.67 -0.19 0.00	21.50 -0.15 0.00	21.49 -0.15 0.00	22.54 -0.23 0.00	27.14 -0.26 0.00	30.86 0.11 0.00	37.62 0.45 0.00	25.04 0.04 0.00	23.15 -0.08 0.00	26.92 0.08 0.00	21.13 0.06 0.00	24.16 0.12 0.00	24.95 0.03 0.00	28.52 0.10 0.00	31.11 0.15 0.00	29.97 0.62 0.00	34.77 0.98 -0.02	43.77 0.83 0.00	44.16 0.76 0.00	38.89 0.52 0.00	32.65 0.18 0.00	25.54 0.01 0.00	24.47 -0.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.93 0.78 0.00	23.65 0.79 0.00	22.40 0.75 0.00	22.38 0.73 0.00	23.58 0.81 0.00	28.49 1.09 0.00	32.18 1.44 0.00	39.16 1.98 0.00	26.26 1.25 0.00	24.31 1.08 0.00	28.10 1.26 0.00	21.99 0.93 0.00	25.06 1.02 0.00	25.97 1.05 0.00	29.67 1.25 0.00	32.37 1.41 0.00	31.01 1.66 0.00	35.98 2.22 0.00	45.56 2.62 0.00	45.96 2.56 0.00	40.45 2.09 0.00	34.04 1.57 0.00	26.73 1.20 0.00	25.67 1.10 0.00

VISCHER___FERRY HYD 24020	22.73 0.58 0.00	23.35 0.49 0.00	22.15 0.49 0.00	22.20 0.55 0.00	23.38 0.61 0.00	28.11 0.72 0.00	31.77 1.02 0.00	38.76 1.58 0.00	25.89 0.89 0.00	23.92 0.68 0.00	27.66 0.82 0.00	21.61 0.55 0.00	24.72 0.69 0.00	25.66 0.74 0.00	29.44 1.02 0.00	32.11 1.16 0.00	30.71 1.36 0.00	35.58 1.82 0.00	44.85 1.91 0.00	45.08 1.67 0.00	39.88 1.52 0.00	33.47 1.01 0.00	26.29 0.75 0.00	25.24 0.67 0.00
V_A_10_SYNC_DSASP 323832	20.53 -1.62 0.00	21.45 -1.42 0.00	20.20 -1.45 0.00	20.08 -1.56 0.00	21.17 -1.60 0.00	25.59 -1.81 0.00	28.33 -2.41 0.00	33.91 -3.26 0.00	22.85 -2.15 0.00	21.33 -1.90 0.00	24.70 -2.13 0.00	19.38 -1.69 0.00	20.90 -1.61 1.53	21.02 -1.74 2.16	24.13 -1.87 2.42	25.93 -2.07 2.96	26.04 -1.61 1.70	30.89 -2.15 0.72	36.73 -3.39 2.83	37.47 -3.34 2.60	33.10 -3.19 2.07	22.91 -2.22 7.34	19.14 -1.43 4.96	21.34 -1.19 2.04
V_CMM_10_SYNC_DSASP 323787	22.24 0.10 0.00	23.10 0.23 0.00	21.85 0.20 0.00	21.83 0.19 0.00	22.91 0.14 0.00	27.55 0.15 0.00	30.76 0.01 0.00	36.95 -0.23 0.00	24.97 -0.04 0.00	23.31 0.08 0.00	26.95 0.11 0.00	21.17 0.10 0.00	24.21 0.17 0.00	25.11 0.18 0.00	28.59 0.17 0.00	31.08 0.13 0.00	28.91 -0.44 0.00	32.33 -1.12 0.32	42.24 -0.71 0.00	43.04 -0.37 0.00	38.20 -0.16 0.00	32.51 0.04 0.00	25.52 -0.01 0.00	24.69 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	22.17 0.02 0.00	23.22 0.36 0.00	21.81 0.15 0.00	21.94 0.30 0.00	23.19 0.42 0.00	28.34 0.95 0.00	31.93 1.18 0.00	38.46 1.29 0.00	25.65 0.65 0.00	23.42 0.19 0.00	26.79 -0.04 0.00	13.80 -0.33 6.94	-21.28 -0.52 44.80	-21.28 -0.51 45.70	-13.26 -0.59 41.09	-21.23 -0.65 51.53	-17.72 -1.11 45.96	-21.19 -1.82 53.13	-21.30 -1.63 62.62	-21.34 -1.27 63.48	18.19 -0.52 19.65	32.09 -0.38 0.00	-6.04 -0.67 30.91	24.66 0.09 0.00
V_D_10_SYNC_DSASP 323841	20.05 -2.09 0.00	21.04 -1.83 0.00	19.78 -1.88 0.00	19.66 -1.99 0.00	20.70 -2.07 0.00	25.02 -2.38 0.00	27.61 -3.14 0.00	32.74 -4.44 0.00	22.02 -2.99 0.00	20.58 -2.65 0.00	23.86 -2.98 0.00	19.48 -1.77 -0.19	25.57 0.34 -1.20	26.50 0.35 -1.22	29.80 0.28 -1.10	32.59 0.25 -1.38	30.22 -0.36 -1.23	33.51 -1.37 -1.11	44.04 -0.58 -1.68	44.90 -0.20 -1.70	38.89 0.01 -0.53	32.69 0.22 0.00	26.50 0.13 -0.83	24.85 0.27 0.00
V_E_10_SYNC_DSASP 323830	23.46 1.32 0.00	24.32 1.45 0.00	22.92 1.26 0.00	22.68 1.04 0.00	23.76 0.99 0.00	29.15 1.76 0.00	33.30 2.56 0.00	40.48 3.30 0.00	26.90 1.90 0.00	24.83 1.59 0.00	28.49 1.65 0.00	22.12 1.05 0.00	25.73 1.16 -0.53	26.84 1.17 -0.75	30.76 1.53 -0.81	34.06 2.12 -0.99	32.35 2.44 -0.57	37.29 3.29 -0.24	48.17 4.29 -0.93	48.67 4.41 -0.86	42.44 3.40 -0.68	37.50 2.62 -2.41	29.05 1.89 -1.63	26.93 1.69 -0.67
V_F_30_NSYNC___DSASP 323816	22.85 0.70 0.00	23.51 0.65 0.00	22.28 0.63 0.00	22.33 0.69 0.00	23.54 0.77 0.00	28.39 1.00 0.00	32.10 1.36 0.00	39.16 1.98 0.00	26.15 1.15 0.00	24.15 0.92 0.00	27.94 1.10 0.00	21.83 0.76 0.00	24.98 0.94 0.00	25.95 1.02 0.00	29.78 1.36 0.00	32.49 1.53 0.00	31.12 1.77 0.00	36.00 2.23 0.00	45.36 2.42 0.00	45.60 2.19 0.00	40.29 1.93 0.00	33.83 1.36 0.00	26.54 1.00 0.00	25.47 0.89 0.00
V_F_30_SYNC_DSASP 323786	22.54 0.39 0.00	23.14 0.28 0.00	22.01 0.35 0.00	22.05 0.40 0.00	23.16 0.39 0.00	27.78 0.39 0.00	31.36 0.62 0.00	38.25 1.07 0.00	25.62 0.61 0.00	23.71 0.48 0.00	27.46 0.62 0.00	21.53 0.46 0.00	24.54 0.51 0.00	25.47 0.55 0.00	29.15 0.73 0.00	31.80 0.84 0.00	30.43 1.09 0.00	35.23 1.47 0.00	44.44 1.49 0.00	44.69 1.28 0.00	39.49 1.13 0.00	33.17 0.70 0.00	26.07 0.54 0.00	25.03 0.45 0.00
V_XM_10_SYNC_DSASP 323789	22.17 0.02 0.00	23.22 0.36 0.00	21.81 0.15 0.00	21.94 0.30 0.00	23.19 0.42 0.00	28.34 0.95 0.00	31.93 1.18 0.00	38.46 1.29 0.00	25.65 0.65 0.00	23.42 0.19 0.00	26.79 -0.04 0.00	13.80 -0.33 6.94	-21.28 -0.52 44.80	-21.28 -0.51 45.70	-13.26 -0.59 41.09	-21.23 -0.65 51.53	-17.72 -1.11 45.96	-21.19 -1.82 53.13	-21.30 -1.63 62.62	-21.34 -1.27 63.48	18.19 -0.52 19.65	32.09 -0.38 0.00	-6.04 -0.67 30.91	24.66 0.09 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.20 1.05 0.00	23.83 0.97 0.00	22.57 0.92 0.00	22.59 0.94 0.00	23.80 1.03 0.00	28.70 1.31 0.00	32.66 1.92 0.00	39.88 2.70 0.00	26.67 1.66 0.00	24.66 1.43 0.00	28.50 1.66 0.00	22.30 1.23 0.00	25.33 1.29 0.00	26.22 1.29 0.00	29.87 1.45 0.00	32.60 1.65 0.00	31.32 1.97 0.00	36.73 2.96 0.00	46.18 3.24 0.00	46.31 2.90 0.00	40.88 2.52 0.00	34.18 1.71 0.00	26.77 1.23 0.00	25.60 1.03 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.25 1.11 0.00	23.87 1.01 0.00	22.62 0.97 0.00	22.64 0.99 0.00	23.86 1.10 0.00	28.70 1.31 0.00	32.69 1.95 0.00	40.02 2.85 0.00	26.75 1.75 0.00	24.79 1.56 0.00	28.68 1.84 0.00	22.46 1.40 0.00	25.49 1.45 0.00	26.40 1.47 0.00	30.10 1.68 0.00	32.87 1.91 0.00	31.54 2.19 0.00	36.98 3.22 0.00	46.48 3.53 0.00	46.51 3.10 0.00	41.08 2.72 0.00	34.32 1.85 0.00	26.86 1.33 0.00	25.66 1.09 0.00
W50THST__13_KV_LOAD 356117	23.41 1.26 0.00	24.03 1.16 0.00	22.77 1.11 0.00	22.79 1.14 0.00	24.02 1.25 0.00	28.90 1.50 0.00	32.95 2.20 0.00	40.36 3.19 0.00	27.01 2.00 0.00	25.04 1.81 0.00	28.97 2.13 0.00	22.69 1.63 0.00	25.77 1.73 0.00	26.67 1.75 0.00	30.43 2.01 0.00	33.24 2.28 0.00	31.91 2.56 0.00	37.40 3.64 0.00	46.98 4.03 0.00	46.98 3.58 0.00	41.47 3.11 0.00	34.63 2.16 0.00	27.09 1.56 0.00	25.88 1.31 0.00
WADING RIVER_IC_1 23522	23.47 1.33 0.00	24.12 1.25 0.00	22.79 1.14 0.00	22.81 1.16 0.00	24.02 1.25 0.00	28.51 1.11 0.00	33.10 2.36 0.00	40.72 3.54 0.00	26.63 1.63 0.00	24.48 1.25 0.00	28.44 1.60 0.00	22.29 1.22 0.00	25.28 1.24 0.00	26.29 1.37 0.00	30.15 1.73 0.00	32.89 1.93 0.00	31.90 2.55 0.00	37.24 3.48 0.00	46.64 3.70 0.00	46.64 3.24 0.00	41.17 2.81 0.00	34.52 2.05 0.00	27.10 1.57 0.00	25.74 1.17 0.00
WADING RIVER_IC_2 23547	23.47 1.33 0.00	24.12 1.25 0.00	22.79 1.14 0.00	22.81 1.16 0.00	24.02 1.25 0.00	28.51 1.11 0.00	33.10 2.36 0.00	40.72 3.54 0.00	26.63 1.63 0.00	24.48 1.25 0.00	28.44 1.60 0.00	22.29 1.22 0.00	25.28 1.24 0.00	26.29 1.37 0.00	30.15 1.73 0.00	32.89 1.93 0.00	31.90 2.55 0.00	37.24 3.48 0.00	46.64 3.70 0.00	46.64 3.24 0.00	41.17 2.81 0.00	34.52 2.05 0.00	27.10 1.57 0.00	25.74 1.17 0.00
WADING RIVER_IC_3 23601	23.47 1.33 0.00	24.12 1.25 0.00	22.79 1.14 0.00	22.81 1.16 0.00	24.02 1.25 0.00	28.51 1.11 0.00	33.10 2.36 0.00	40.72 3.54 0.00	26.63 1.63 0.00	24.48 1.25 0.00	28.44 1.60 0.00	22.29 1.22 0.00	25.28 1.24 0.00	26.29 1.37 0.00	30.15 1.73 0.00	32.89 1.93 0.00	31.90 2.55 0.00	37.24 3.48 0.00	46.64 3.70 0.00	46.64 3.24 0.00	41.17 2.81 0.00	34.52 2.05 0.00	27.10 1.57 0.00	25.74 1.17 0.00

WALDENNY_12_KV_BK2 80841	20.86 -1.29 0.00	21.79 -1.07 0.00	20.48 -1.18 0.00	20.34 -1.31 0.00	21.43 -1.34 0.00	25.97 -1.43 0.00	28.77 -1.98 0.00	34.36 -2.82 0.00	23.19 -1.81 0.00	21.61 -1.62 0.00	25.08 -1.77 0.00	19.60 -1.47 0.00	22.75 -1.29 0.00	23.53 -1.39 0.00	27.09 -1.34 0.00	29.46 -1.50 0.00	28.43 -0.92 0.00	32.39 -1.37 0.00	40.39 -2.57 -0.01	40.95 -2.47 -0.01	36.01 -2.36 -0.01	31.14 -1.38 -0.05	24.86 -0.72 -0.05	24.08 -0.49 0.00
WALDEN___HYDRO 24148	23.27 1.13 0.00	23.91 1.05 0.00	22.65 0.99 0.00	22.67 1.02 0.00	23.89 1.12 0.00	28.81 1.42 0.00	32.75 2.01 0.00	40.00 2.83 0.00	26.73 1.73 0.00	24.65 1.42 0.00	28.42 1.57 0.00	22.20 1.13 0.00	25.21 1.17 0.00	26.11 1.18 0.00	29.78 1.36 0.00	32.60 1.65 0.00	31.41 2.06 0.00	36.78 3.02 0.00	46.35 3.41 0.00	46.47 3.06 0.00	41.02 2.66 0.00	34.33 1.86 0.00	26.89 1.36 0.00	25.74 1.17 0.00
WARRENSBURG___ 23737	22.46 0.32 0.00	23.10 0.23 0.00	21.91 0.25 0.00	21.97 0.32 0.00	23.19 0.42 0.00	28.07 0.68 0.00	31.78 1.04 0.00	38.83 1.65 0.00	25.89 0.88 0.00	23.86 0.63 0.00	27.59 0.75 0.00	21.56 0.49 0.00	24.74 0.70 0.00	25.71 0.78 0.00	29.58 1.16 0.00	32.21 1.26 0.00	30.91 1.56 0.00	35.83 2.06 0.00	45.02 2.07 0.00	45.13 1.72 0.00	39.84 1.48 0.00	33.44 0.97 0.00	26.19 0.66 0.00	25.12 0.55 0.00
WATERSIDE___6 8 9 23538	23.23 1.09 0.00	23.85 0.98 0.00	22.60 0.94 0.00	22.62 0.97 0.00	23.82 1.06 0.00	28.68 1.28 0.00	32.70 1.95 0.00	40.01 2.84 0.00	26.76 1.75 0.00	24.80 1.57 0.00	28.67 1.83 0.00	22.47 1.40 0.00	25.49 1.46 0.00	26.40 1.48 0.00	30.09 1.67 0.00	32.85 1.90 0.00	31.54 2.19 0.00	36.99 3.23 0.00	46.49 3.55 0.00	46.55 3.14 0.00	41.08 2.72 0.00	34.34 1.87 0.00	26.87 1.33 0.00	25.64 1.07 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.15 0.01 0.00	22.81 -0.05 0.00	21.62 -0.03 0.00	21.63 -0.01 0.00	22.75 -0.02 0.00	27.39 -0.01 0.00	31.01 0.27 0.00	37.73 0.56 0.00	25.19 0.19 0.00	23.30 0.06 0.00	26.99 0.15 0.00	21.19 0.12 0.00	24.17 0.13 0.00	25.05 0.12 0.00	28.63 0.20 0.00	31.24 0.28 0.00	29.95 0.60 0.00	34.76 0.97 -0.02	43.85 0.91 0.00	44.18 0.78 0.00	38.96 0.60 0.00	32.77 0.30 0.00	25.70 0.16 0.00	24.65 0.07 0.00
WATSON___69_KV_BK 1 55734	23.87 1.73 0.00	24.46 1.60 0.00	23.08 1.43 0.00	23.09 1.44 0.00	24.34 1.57 0.00	29.18 1.78 0.00	33.66 2.92 0.00	41.20 4.03 0.00	27.24 2.23 0.00	25.21 1.98 0.00	29.21 2.37 0.00	22.87 1.81 0.00	25.96 1.93 0.00	27.00 2.07 0.00	30.80 2.38 0.00	33.76 2.80 0.00	32.72 3.38 0.00	38.17 4.41 0.00	47.77 4.83 0.00	47.83 4.42 0.00	42.23 3.87 0.00	35.30 2.83 0.00	27.69 2.16 0.00	26.39 1.82 0.00
WDELAWARE___HYD 323627	23.36 1.22 0.00	24.05 1.19 0.00	22.78 1.12 0.00	22.75 1.10 0.00	23.98 1.21 0.00	28.96 1.57 0.00	32.93 2.19 0.00	40.19 3.01 0.00	26.91 1.91 0.00	24.74 1.51 0.00	28.49 1.65 0.00	22.24 1.17 0.00	25.24 1.20 0.00	26.02 1.10 0.00	29.08 0.66 0.00	31.87 0.92 0.00	30.73 1.38 0.00	35.99 2.22 0.00	45.31 2.36 0.00	45.43 2.03 0.00	40.11 1.75 0.00	33.67 1.20 0.00	27.01 1.47 0.00	25.85 1.28 0.00
WEST BABYLON___IC 23714	23.80 1.65 0.00	24.37 1.51 0.00	23.01 1.36 0.00	23.02 1.37 0.00	24.26 1.49 0.00	29.12 1.72 0.00	33.54 2.80 0.00	41.03 3.85 0.00	27.15 2.15 0.00	25.14 1.91 0.00	29.13 2.30 0.00	22.81 1.74 0.00	25.88 1.84 0.00	26.90 1.98 0.00	30.65 2.23 0.00	33.57 2.62 0.00	32.51 3.16 0.00	37.91 4.14 0.00	47.47 4.53 0.00	47.57 4.16 0.00	42.01 3.65 0.00	35.16 2.69 0.00	27.57 2.04 0.00	26.29 1.72 0.00
WEST CANADA___HYD 24049	22.19 0.04 0.00	22.88 0.02 0.00	21.68 0.02 0.00	21.69 0.04 0.00	22.81 0.04 0.00	27.45 0.06 0.00	30.87 0.13 0.00	37.40 0.22 0.00	25.09 0.09 0.00	23.26 0.03 0.00	26.90 0.06 0.00	21.11 0.04 0.00	24.08 0.04 0.00	24.97 0.04 0.00	28.49 0.07 0.00	31.03 0.07 0.00	29.57 0.22 0.00	34.23 0.44 -0.02	43.35 0.40 0.00	43.74 0.34 0.00	38.62 0.26 0.00	32.61 0.14 0.00	25.64 0.10 0.00	24.64 0.07 0.00
WESTERN_NY_WIND 24143	21.26 -0.89 0.00	22.21 -0.66 0.00	20.90 -0.76 0.00	20.79 -0.86 0.00	21.93 -0.84 0.00	26.60 -0.80 0.00	29.54 -1.20 0.00	35.46 -1.72 0.00	23.87 -1.13 0.00	22.17 -1.06 0.00	25.60 -1.24 0.00	19.97 -1.09 0.00	23.16 -0.87 0.00	24.05 -0.88 0.00	27.76 -0.66 0.00	30.29 -0.66 0.00	29.22 -0.13 0.00	33.32 -0.45 0.00	41.63 -1.34 -0.02	42.18 -1.24 -0.01	37.12 -1.25 -0.01	32.26 -0.28 -0.07	25.63 0.02 -0.07	24.73 0.16 0.00
WESTOVER___LESR 323668	22.12 -0.02 0.00	22.82 -0.05 0.00	21.59 -0.07 0.00	21.51 -0.14 0.00	22.66 -0.11 0.00	27.34 -0.06 0.00	30.76 0.02 0.00	37.34 0.17 0.00	25.05 0.04 0.00	23.22 -0.01 0.00	26.79 -0.04 0.00	20.99 -0.08 0.00	23.97 -0.06 0.00	24.86 -0.07 0.00	28.35 -0.07 0.00	30.91 -0.04 0.00	29.65 0.30 0.00	34.40 0.64 0.00	43.42 0.48 0.00	43.75 0.35 0.00	38.57 0.21 0.00	32.61 0.14 0.00	25.69 0.15 0.00	24.70 0.13 0.00
WETHRSFD_WT_PWR 323626	20.38 -1.76 0.00	21.28 -1.59 0.00	19.88 -1.77 0.00	19.69 -1.96 0.00	20.78 -1.98 0.00	25.20 -2.20 0.00	27.97 -2.77 0.00	33.33 -3.85 0.00	22.56 -2.45 0.00	21.00 -2.23 0.00	24.27 -2.58 0.00	18.91 -2.15 0.00	19.78 -2.10 2.16	19.58 -2.29 3.06	22.67 -2.27 3.48	24.25 -2.45 4.25	25.15 -1.75 2.45	30.46 -2.28 1.03	35.17 -3.72 4.05	36.05 -3.64 3.72	32.09 -3.30 2.97	19.75 -2.19 10.53	17.12 -1.31 7.11	20.68 -0.96 2.93
WHAVSTOR_138KV_BK127 55557	23.11 0.96 0.00	23.74 0.88 0.00	22.49 0.83 0.00	22.51 0.86 0.00	23.71 0.94 0.00	28.59 1.20 0.00	32.52 1.78 0.00	39.70 2.53 0.00	26.55 1.55 0.00	24.56 1.33 0.00	28.39 1.55 0.00	22.21 1.14 0.00	25.22 1.19 0.00	26.11 1.18 0.00	29.75 1.33 0.00	32.46 1.50 0.00	31.18 1.83 0.00	36.55 2.79 0.00	45.97 3.03 0.00	46.09 2.68 0.00	40.69 2.33 0.00	34.02 1.56 0.00	26.65 1.12 0.00	25.50 0.93 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.11 0.96 0.00	23.74 0.88 0.00	22.49 0.83 0.00	22.51 0.86 0.00	23.71 0.94 0.00	28.59 1.20 0.00	32.52 1.78 0.00	39.70 2.53 0.00	26.55 1.55 0.00	24.56 1.33 0.00	28.39 1.55 0.00	22.21 1.14 0.00	25.22 1.19 0.00	26.11 1.18 0.00	29.75 1.33 0.00	32.46 1.50 0.00	31.18 1.83 0.00	36.55 2.79 0.00	45.97 3.03 0.00	46.09 2.68 0.00	40.69 2.33 0.00	34.02 1.56 0.00	26.65 1.12 0.00	25.50 0.93 0.00
WHITEHAL_115KV_TB1 80871	22.64 0.50 0.00	23.30 0.43 0.00	22.14 0.48 0.00	22.30 0.65 0.00	23.61 0.84 0.00	28.93 1.53 0.00	32.83 2.09 0.00	40.13 2.96 0.00	26.56 1.56 0.00	24.24 1.01 0.00	27.95 1.11 0.00	21.77 0.70 0.00	25.36 1.32 0.00	26.32 1.39 0.00	30.51 2.09 0.00	33.48 2.52 0.00	32.18 2.83 0.00	37.28 3.52 0.00	46.41 3.46 0.00	46.14 2.73 0.00	40.78 2.42 0.00	33.98 1.51 0.00	26.61 1.07 0.00	25.53 0.96 0.00

WHITEPLN_13_KV_LOAD 356215	23.38 1.24 0.00	24.01 1.14 0.00	22.74 1.09 0.00	22.76 1.11 0.00	23.98 1.22 0.00	28.91 1.51 0.00	32.91 2.16 0.00	40.25 3.08 0.00	26.91 1.91 0.00	24.92 1.69 0.00	28.79 1.95 0.00	22.53 1.46 0.00	25.61 1.57 0.00	26.52 1.59 0.00	30.25 1.83 0.00	33.02 2.07 0.00	31.73 2.38 0.00	37.18 3.42 0.00	46.75 3.80 0.00	46.83 3.42 0.00	41.33 2.97 0.00	34.54 2.08 0.00	27.05 1.51 0.00	25.86 1.29 0.00
WM_FLOYD_69_KV_BK2 356380	23.65 1.50 0.00	24.26 1.40 0.00	22.92 1.26 0.00	22.93 1.28 0.00	24.15 1.39 0.00	28.80 1.40 0.00	33.34 2.59 0.00	40.90 3.72 0.00	26.88 1.87 0.00	24.77 1.54 0.00	28.73 1.89 0.00	22.51 1.45 0.00	25.55 1.51 0.00	26.57 1.64 0.00	30.40 1.98 0.00	33.28 2.32 0.00	32.27 2.92 0.00	37.66 3.90 0.00	47.15 4.20 0.00	47.16 3.76 0.00	41.60 3.24 0.00	34.83 2.36 0.00	27.36 1.82 0.00	26.03 1.46 0.00
WOODARD__115KV_TB2 355635	21.75 -0.39 0.00	22.45 -0.41 0.00	21.26 -0.40 0.00	21.22 -0.43 0.00	22.34 -0.42 0.00	26.90 -0.50 0.00	30.13 -0.62 0.00	36.28 -0.89 0.00	24.30 -0.71 0.00	22.60 -0.63 0.00	26.25 -0.59 0.00	20.67 -0.40 0.00	23.59 -0.45 0.00	24.46 -0.47 0.00	27.85 -0.57 0.00	30.37 -0.58 0.00	29.04 -0.31 0.00	33.57 -0.19 0.00	42.40 -0.54 0.00	42.79 -0.62 0.00	37.71 -0.65 0.00	31.93 -0.54 0.00	25.15 -0.38 0.00	24.18 -0.39 0.00
YORK___WARBASSE 23770	23.31 1.17 0.00	23.93 1.06 0.00	22.68 1.02 0.00	22.69 1.04 0.00	23.90 1.13 0.00	28.78 1.38 0.00	32.82 2.07 0.00	40.13 2.96 0.00	26.84 1.84 0.00	24.87 1.64 0.00	28.75 1.91 0.00	22.53 1.46 0.00	25.55 1.51 0.00	26.48 1.55 0.00	30.17 1.75 0.00	32.95 2.00 0.00	31.68 2.33 0.00	37.20 3.43 0.00	46.72 3.78 0.00	46.77 3.36 0.00	41.29 2.93 0.00	34.50 2.03 0.00	26.98 1.44 0.00	25.74 1.16 0.00