

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/15/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	29.77	30.39	28.29	29.56	34.92	37.17	53.35	43.06	37.09	30.73	28.04	30.63	27.58	26.43	30.01	31.18	29.86	31.17	31.98	32.79	29.53	25.13	25.11	24.85
24138	2.31	2.10	1.90	1.87	2.29	2.47	3.75	3.24	3.10	2.63	2.42	2.20	2.11	2.09	2.48	2.52	2.45	2.67	2.72	2.59	2.33	1.96	1.75	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.06	0.00	-4.45	-2.26	-0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.40
74TH STREET_GT_1	29.75	30.37	28.28	29.55	34.89	37.15	53.31	43.02	37.03	30.86	27.97	30.56	27.51	26.37	29.96	31.13	29.83	31.17	31.98	32.80	29.54	25.14	25.14	24.88
24260	2.29	2.08	1.89	1.86	2.26	2.45	3.72	3.21	3.03	2.56	2.35	2.14	2.05	2.04	2.44	2.47	2.42	2.67	2.72	2.61	2.33	1.96	1.78	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.26	0.00	-4.43	-2.26	-0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.40
74TH STREET_GT_2	29.75	30.37	28.28	29.55	34.89	37.15	53.31	43.02	37.03	30.86	27.97	30.56	27.51	26.37	29.96	31.13	29.83	31.17	31.98	32.80	29.54	25.14	25.14	24.88
24261	2.29	2.08	1.89	1.86	2.26	2.45	3.72	3.21	3.03	2.56	2.35	2.14	2.05	2.04	2.44	2.47	2.42	2.67	2.72	2.61	2.33	1.96	1.78	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.26	0.00	-4.43	-2.26	-0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.40
ADK HUDSON___FALLS	28.71	29.40	27.42	28.77	33.94	36.28	52.22	41.89	35.52	27.04	26.41	24.67	23.97	24.35	28.79	29.87	28.91	30.17	30.87	31.67	28.52	24.38	24.50	24.64
24011	1.25	1.11	1.04	1.07	1.32	1.57	2.63	2.08	1.51	0.99	0.79	0.69	0.76	0.88	1.27	1.21	1.50	1.67	1.62	1.47	1.32	1.20	1.13	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.75
ADK RESOURCE___RCVRY	28.78	29.45	27.47	28.83	34.01	36.42	52.52	42.14	35.67	27.12	26.48	24.74	24.06	24.43	29.00	30.03	29.14	30.36	31.03	31.78	28.63	24.52	24.66	24.78
23798	1.32	1.16	1.08	1.13	1.38	1.72	2.93	2.32	1.68	1.08	0.86	0.75	0.85	0.97	1.48	1.38	1.73	1.86	1.77	1.59	1.43	1.34	1.29	1.22
	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	-1.75
ADK S GLENS___FALLS	28.71	29.40	27.42	28.77	33.94	36.28	52.22	41.89	35.52	27.04	26.41	24.67	23.97	24.35	28.79	29.87	28.91	30.17	30.87	31.67	28.52	24.38	24.50	24.64
24028	1.25	1.11	1.04	1.07	1.32	1.57	2.63	2.08	1.51	0.99	0.79	0.69	0.76	0.88	1.27	1.21	1.50	1.67	1.62	1.47	1.32	1.20	1.13	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.75
ADK_NYS___DAM	29.45	30.14	28.10	29.45	34.71	36.75	52.55	42.28	36.14	27.63	27.07	25.32	24.50	24.85	29.18	30.18	29.01	30.33	31.06	31.85	28.89	24.70	24.87	25.00
23527	1.98	1.85	1.72	1.75	2.09	2.04	2.95	2.47	2.13	1.59	1.45	1.34	1.29	1.38	1.65	1.52	1.61	1.83	1.80	1.65	1.68	1.52	1.50	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.69
AIR_PRODUCTS___DRP	28.73	29.42	27.45	28.76	33.89	36.04	51.35	40.91	34.98	26.75	26.01	24.40	23.64	23.94	27.93	29.03	27.97	29.23	29.97	30.93	27.90	23.81	23.99	24.48
24190	1.26	1.13	1.07	1.06	1.26	1.33	1.75	1.09	0.98	0.71	0.40	0.42	0.43	0.47	0.40	0.37	0.57	0.73	0.71	0.74	0.70	0.63	0.62	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.70
AKWESSNE_115KV_BK	27.03	27.96	26.15	27.48	32.35	34.36	48.88	39.28	33.55	25.67	25.40	23.79	23.05	23.33	27.36	28.55	27.18	28.07	28.82	29.94	26.95	23.00	23.31	21.65
355683	-0.43	-0.33	-0.24	-0.22	-0.28	-0.35	-0.72	-0.53	-0.45	-0.37	-0.22	-0.19	-0.16	-0.14	-0.17	-0.11	-0.22	-0.43	-0.43	-0.26	-0.25	-0.18	-0.06	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	29.06	29.84	27.83	29.19	34.41	36.60	52.25	41.64	35.31	26.89	26.25	24.61	23.86	24.13	28.38	29.52	28.53	29.87	30.63	31.58	28.46	24.26	24.42	24.70
323833	1.60	1.55	1.44	1.49	1.78	1.89	2.65	1.82	1.31	0.84	0.63	0.62	0.65	0.66	0.86	0.87	1.13	1.37	1.37	1.39	1.26	1.09	1.05	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.67
ALBANY_2_SOLAR	29.05	29.83	27.82	29.17	34.39	36.59	52.23	41.62	35.29	26.88	26.25	24.61	23.86	24.12	28.38	29.52	28.53	29.86	30.63	31.57	28.45	24.26	24.42	24.69
323834	1.59	1.54	1.44	1.48	1.76	1.88	2.64	1.81	1.29	0.84	0.63	0.62	0.65	0.66	0.86	0.87	1.12	1.36	1.37	1.38	1.25	1.08	1.05	1.22
	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	-1.67
ALBANY___1	28.73	29.42	27.45	28.76	33.89	36.04	51.35	40.91	34.98	26.75	26.01	24.40	23.64	23.94	27.93	29.03	27.97	29.23	29.97	30.93	27.90	23.81	23.99	24.48
23571	1.26	1.13	1.07	1.06	1.26	1.33	1.75	1.09	0.98	0.71	0.40	0.42	0.43	0.47	0.40	0.37	0.57	0.73	0.71	0.74	0.70	0.63	0.62	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.70

ALBANY___2 23572	28.73 1.26 0.00	29.42 1.13 0.00	27.45 1.07 0.00	28.76 1.06 0.00	33.89 1.26 0.00	36.04 1.33 0.00	51.35 1.75 0.00	40.91 1.09 0.00	34.98 0.98 0.00	26.75 0.71 0.00	26.01 0.40 0.00	24.40 0.42 0.00	23.64 0.43 0.00	23.94 0.47 0.00	27.93 0.40 0.00	29.03 0.37 0.00	27.97 0.57 0.00	29.23 0.73 0.00	29.97 0.71 0.00	30.93 0.74 0.00	27.90 0.70 0.00	23.81 0.63 0.00	23.99 0.62 0.00	24.48 0.98 -1.70
ALBANY___3 23573	28.73 1.26 0.00	29.42 1.13 0.00	27.45 1.07 0.00	28.76 1.06 0.00	33.89 1.26 0.00	36.04 1.33 0.00	51.35 1.75 0.00	40.91 1.09 0.00	34.98 0.98 0.00	26.75 0.71 0.00	26.01 0.40 0.00	24.40 0.42 0.00	23.64 0.43 0.00	23.94 0.47 0.00	27.93 0.40 0.00	29.03 0.37 0.00	27.97 0.57 0.00	29.23 0.73 0.00	29.97 0.71 0.00	30.93 0.74 0.00	27.90 0.70 0.00	23.81 0.63 0.00	23.99 0.62 0.00	24.48 0.98 -1.70
ALBANY___4 23574	28.73 1.26 0.00	29.42 1.13 0.00	27.45 1.07 0.00	28.76 1.06 0.00	33.89 1.26 0.00	36.04 1.33 0.00	51.35 1.75 0.00	40.91 1.09 0.00	34.98 0.98 0.00	26.75 0.71 0.00	26.01 0.40 0.00	24.40 0.42 0.00	23.64 0.43 0.00	23.94 0.47 0.00	27.93 0.40 0.00	29.03 0.37 0.00	27.97 0.57 0.00	29.23 0.73 0.00	29.97 0.71 0.00	30.93 0.74 0.00	27.90 0.70 0.00	23.81 0.63 0.00	23.99 0.62 0.00	24.48 0.98 -1.70
ALBANY___LFGE 323615	28.91 1.45 0.00	29.61 1.32 0.00	27.62 1.24 0.00	28.94 1.24 0.00	34.11 1.48 0.00	36.28 1.57 0.00	51.74 2.14 0.00	41.28 1.46 0.00	35.29 1.28 0.00	27.00 0.96 0.00	26.29 0.67 0.00	24.65 0.66 0.00	23.88 0.68 0.00	24.19 0.72 0.00	28.24 0.71 0.00	29.36 0.70 0.00	28.28 0.87 0.00	29.56 1.06 0.00	30.29 1.04 0.00	31.25 1.06 0.00	28.18 0.98 0.00	24.04 0.86 0.00	24.21 0.84 0.00	24.63 1.11 -1.71
ALCOA_PA_115KV_PL-6C 55860	27.13 -0.33 0.00	28.07 -0.22 0.00	26.26 -0.12 0.00	27.60 -0.10 0.00	32.49 -0.14 0.00	34.50 -0.21 0.00	49.08 -0.52 0.00	39.45 -0.36 0.00	33.66 -0.34 0.00	25.73 -0.31 0.00	25.45 -0.16 0.00	23.86 -0.13 0.00	23.10 -0.10 0.00	23.40 -0.07 0.00	27.43 -0.10 0.00	28.64 -0.02 0.00	27.26 -0.15 0.00	28.15 -0.35 0.00	28.92 -0.34 0.00	30.03 -0.17 0.00	27.02 -0.18 0.00	23.06 -0.12 0.00	23.38 0.02 0.00	21.72 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	27.13 -0.33 0.00	28.07 -0.22 0.00	26.26 -0.12 0.00	27.60 -0.10 0.00	32.49 -0.14 0.00	34.50 -0.21 0.00	49.08 -0.52 0.00	39.45 -0.36 0.00	33.66 -0.34 0.00	25.73 -0.31 0.00	25.45 -0.16 0.00	23.86 -0.13 0.00	23.10 -0.10 0.00	23.40 -0.07 0.00	27.43 -0.10 0.00	28.64 -0.02 0.00	27.26 -0.15 0.00	28.15 -0.35 0.00	28.92 -0.34 0.00	30.03 -0.17 0.00	27.02 -0.18 0.00	23.06 -0.12 0.00	23.38 0.02 0.00	21.72 -0.08 0.00
ALCOA___DSASP 323711	27.13 -0.33 0.00	28.07 -0.22 0.00	26.26 -0.12 0.00	27.61 -0.09 0.00	32.50 -0.13 0.00	34.50 -0.21 0.00	49.08 -0.52 0.00	39.45 -0.36 0.00	33.66 -0.34 0.00	25.74 -0.31 0.00	25.45 -0.16 0.00	23.86 -0.13 0.00	23.10 -0.10 0.00	23.40 -0.07 0.00	27.43 -0.10 0.00	28.64 -0.02 0.00	27.26 -0.15 0.00	28.15 -0.35 0.00	28.92 -0.34 0.00	30.03 -0.17 0.00	27.02 -0.18 0.00	23.06 -0.12 0.00	23.38 0.02 0.00	21.72 -0.08 0.00
ALLEGHENY___COGEN 23514	28.00 0.54 0.00	29.28 0.99 0.00	27.19 0.80 0.00	28.77 1.07 0.00	33.92 1.29 0.00	36.19 1.48 0.00	52.04 2.45 0.00	41.84 2.02 0.00	35.01 1.01 0.00	26.48 0.44 0.00	26.25 0.63 0.00	24.39 0.40 0.00	23.07 -0.13 0.00	23.54 0.08 0.00	27.15 -0.38 0.00	28.84 0.18 0.00	27.51 0.11 0.00	28.80 0.29 0.00	29.69 0.44 0.00	30.46 0.27 0.00	27.50 0.30 0.00	23.13 -0.05 0.00	23.09 -0.27 0.00	21.85 -0.23 -0.28
ALTAMONT_115KV_TB 2 55880	28.61 1.15 0.00	29.36 1.07 0.00	27.37 0.98 0.00	28.69 1.00 0.00	33.83 1.20 0.00	35.99 1.28 0.00	51.45 1.86 0.00	41.23 1.41 0.00	35.21 1.21 0.00	26.97 0.93 0.00	26.37 0.75 0.00	24.69 0.70 0.00	23.89 0.68 0.00	24.18 0.71 0.00	28.34 0.81 0.00	29.44 0.78 0.00	28.32 0.91 0.00	29.58 1.08 0.00	30.34 1.08 0.00	31.24 1.05 0.00	28.17 0.96 0.00	24.01 0.83 0.00	24.15 0.78 0.00	24.36 0.86 -1.70
ALTONA_WT_PWR 323606	26.97 -0.49 0.00	27.93 -0.36 0.00	26.35 -0.03 0.00	27.86 0.16 0.00	32.93 0.30 0.00	35.04 0.33 0.00	49.94 0.34 0.00	40.08 0.27 0.00	34.52 0.52 0.00	26.42 0.38 0.00	26.06 0.44 0.00	24.40 0.41 0.00	23.69 0.48 0.00	24.01 0.55 0.00	28.23 0.71 0.00	29.38 0.73 0.00	27.84 0.44 0.00	28.57 0.08 0.00	29.34 0.08 0.00	30.63 0.43 0.00	27.45 0.25 0.00	23.34 0.16 0.00	23.60 0.23 0.00	22.08 0.28 0.00
AMERICAN_REF_FUEL 24010	25.31 -2.15 0.00	26.61 -1.68 0.00	24.54 -1.84 0.00	26.01 -1.69 0.00	30.69 -1.94 0.00	32.38 -2.32 0.00	45.56 -4.04 0.00	36.06 -3.76 0.00	30.74 -3.26 0.00	23.53 -2.51 0.00	23.19 -2.43 0.00	21.88 -2.10 0.00	21.03 -2.17 0.00	21.27 -2.20 0.00	25.03 -2.49 0.00	26.10 -2.55 0.00	24.66 -2.74 0.00	25.61 -2.89 0.00	26.31 -2.95 0.00	26.81 -3.39 0.00	23.95 -3.25 0.00	20.27 -2.90 0.00	20.11 -3.26 0.00	19.11 -2.91 -0.22
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.70 -0.76 0.00	28.07 -0.22 0.00	25.94 -0.44 0.00	27.52 -0.18 0.00	32.39 -0.24 0.00	34.37 -0.34 0.00	48.85 -0.75 0.00	38.97 -0.84 0.00	32.75 -1.25 0.00	24.85 -1.19 0.00	24.36 -1.25 0.00	22.67 -1.32 0.00	21.59 -1.61 0.00	21.69 -1.78 0.00	25.62 -1.90 0.00	26.78 -1.87 0.00	25.21 -2.20 0.00	26.35 -2.15 0.00	27.01 -2.25 0.00	27.66 -2.53 0.00	24.79 -2.42 0.00	20.99 -2.18 0.00	20.96 -2.40 0.00	19.93 -2.12 -0.24
ARTHUR KILL_GT_1 23520	29.66 2.20 0.00	30.26 1.98 0.00	28.17 1.79 0.00	29.45 1.75 0.00	34.81 2.18 0.00	37.02 2.31 0.00	53.09 3.49 0.00	42.79 2.98 0.00	36.90 2.90 0.00	30.66 2.36 -2.26	27.82 2.20 -0.01	28.65 1.96 -2.71	27.36 1.89 -2.26	26.16 1.83 -0.86	29.77 2.22 -0.02	30.91 2.24 -0.02	29.62 2.21 0.00	30.98 2.47 -0.01	31.79 2.51 -0.02	222.05 2.37 -189.48	102.26 2.14 -72.92	33.35 1.82 -8.35	25.01 1.64 0.00	24.77 1.57 -1.40
ARTHUR_KILL_2 23512	29.58 2.12 0.00	30.18 1.89 0.00	28.10 1.71 0.00	29.37 1.67 0.00	34.71 2.09 0.00	36.91 2.20 0.00	52.93 3.33 0.00	42.66 2.84 0.00	36.80 2.79 0.00	30.59 2.28 -2.26	27.74 2.12 -0.01	28.58 1.88 -2.71	27.29 1.82 -2.26	26.10 1.77 -0.86	29.68 2.14 -0.02	30.82 2.15 -0.02	29.52 2.12 0.00	30.88 2.38 -0.01	31.68 2.41 -0.02	221.95 2.27 -189.48	102.17 2.05 -72.92	33.27 1.74 -8.35	24.94 1.57 0.00	24.71 1.51 -1.40
ARTHUR_KILL_3 23513	29.39 1.93 0.00	29.99 1.70 0.00	27.92 1.54 0.00	29.19 1.49 0.00	34.48 1.85 0.00	36.69 1.98 0.00	52.64 3.05 0.00	42.45 2.64 0.00	36.54 2.53 0.00	29.45 2.18 -1.23	27.59 1.98 0.00	28.47 1.78 -2.70	27.18 1.71 -2.26	26.04 1.71 -0.86	29.59 2.05 -0.01	30.74 2.07 -0.01	29.45 2.04 0.00	30.77 2.27 0.00	31.60 2.33 -0.01	158.20 2.20 -125.81	72.79 1.98 -43.60	29.85 1.68 -4.99	24.88 1.51 0.00	24.65 1.44 -1.40

ARTHUR_KILL_COGEN 323718	29.66 2.20 0.00	30.26 1.98 0.00	28.17 1.79 0.00	29.45 1.75 0.00	34.81 2.18 0.00	37.02 2.31 0.00	53.09 3.49 0.00	42.79 2.98 0.00	36.90 2.90 0.00	30.66 2.36 -2.26	27.82 2.20 -0.01	28.65 1.96 -2.71	27.36 1.89 -2.26	26.16 1.83 -0.86	29.77 2.22 -0.02	30.91 2.24 -0.02	29.62 2.21 0.00	30.98 2.47 -0.01	31.79 2.51 -0.02	222.05 2.37 -189.48	102.26 2.14 -72.92	33.35 1.82 -8.35	25.01 1.64 0.00	24.77 1.57 -1.40
ASHOKAN____ 23654	29.91 2.45 0.00	30.64 2.35 0.00	28.56 2.18 0.00	29.95 2.25 0.00	35.34 2.72 0.00	37.71 3.00 0.00	54.06 4.46 0.00	43.33 3.52 0.00	36.78 2.78 0.00	27.90 1.86 0.00	27.05 1.44 0.00	25.26 1.27 0.00	24.49 1.28 0.00	24.73 1.26 0.00	29.21 1.68 0.00	30.43 1.77 0.00	29.51 2.10 0.00	30.72 2.22 0.00	31.52 2.26 0.00	32.47 2.28 0.00	29.19 1.99 0.00	24.83 1.65 0.00	24.88 1.52 0.00	24.86 1.53 -1.53
ASTORIA_EAST_ENERGY_CC1 323581	29.61 2.14 0.00	30.16 1.88 0.00	28.12 1.73 0.00	29.32 1.63 0.00	34.62 1.99 0.00	36.87 2.16 0.00	52.90 3.30 0.00	42.70 2.89 0.00	36.76 2.76 0.00	30.48 2.28 -2.16	27.74 2.12 0.00	30.32 1.91 -4.42	27.28 1.83 -2.25	26.09 1.77 -0.86	29.68 2.15 0.00	30.81 2.15 0.00	29.54 2.14 0.00	30.86 2.36 0.00	31.67 2.41 0.00	32.48 2.28 0.00	29.27 2.07 0.00	24.93 1.75 0.00	24.93 1.56 0.00	24.71 1.50 -1.40
ASTORIA_EAST_ENERGY_CC2 323582	29.60 2.14 0.00	30.17 1.88 0.00	28.11 1.73 0.00	29.32 1.62 0.00	34.62 1.99 0.00	36.87 2.16 0.00	52.90 3.30 0.00	42.70 2.89 0.00	36.76 2.76 0.00	30.48 2.28 -2.16	27.74 2.12 0.00	30.32 1.91 -4.42	27.28 1.83 -2.25	26.09 1.77 -0.86	29.68 2.15 0.00	30.81 2.15 0.00	29.54 2.14 0.00	30.86 2.36 0.00	31.67 2.41 0.00	32.48 2.28 0.00	29.27 2.07 0.00	24.93 1.75 0.00	24.93 1.56 0.00	24.71 1.50 -1.40
ASTORIA_GT2_1 24094	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40
ASTORIA_GT2_2 24095	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40
ASTORIA_GT2_3 24096	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40
ASTORIA_GT2_4 24097	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40
ASTORIA_GT3_1 24098	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40
ASTORIA_GT3_2 24099	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40
ASTORIA_GT3_3 24100	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40
ASTORIA_GT3_4 24101	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40
ASTORIA_GT4_1 24102	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40
ASTORIA_GT4_2 24103	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40
ASTORIA_GT4_3 24104	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40

ASTORIA_GT4_4 24105	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.52 2.32 -2.17	27.75 2.14 0.01	30.33 1.93 -4.42	27.29 1.84 -2.24	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.55 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.76 0.00	24.94 1.57 0.00	24.72 1.51 -1.40
ASTORIA_GT_1 23523	29.67 2.20 0.00	30.23 1.94 0.00	28.17 1.79 0.00	29.38 1.68 0.00	34.70 2.07 0.00	36.94 2.24 0.00	53.03 3.43 0.00	42.82 3.01 0.00	36.85 2.85 0.00	30.55 2.35 -2.16	27.81 2.20 0.00	30.39 1.98 -4.42	27.34 1.89 -2.25	26.15 1.83 -0.86	29.75 2.22 0.00	30.89 2.23 0.00	29.62 2.21 0.00	30.93 2.43 0.00	31.74 2.49 0.00	32.57 2.37 0.00	29.34 2.14 0.00	24.99 1.82 0.00	24.99 1.62 0.00	24.76 1.56 -1.40
ASTORIA_GT_10 24110	29.63 2.17 0.00	30.23 1.94 0.00	28.16 1.77 0.00	29.40 1.70 0.00	34.73 2.11 0.00	36.97 2.27 0.00	53.02 3.43 0.00	42.78 2.97 0.00	36.85 2.84 0.00	30.70 2.40 -2.26	27.85 2.23 0.00	30.44 2.02 -4.43	27.39 1.93 -2.26	26.20 1.87 -0.86	29.78 2.25 0.00	30.90 2.24 0.00	29.60 2.20 0.00	30.93 2.43 0.00	31.75 2.49 0.00	32.56 2.37 0.00	29.34 2.13 0.00	24.97 1.79 0.00	24.97 1.61 0.00	24.73 1.52 -1.40
ASTORIA_GT_11 24225	29.63 2.17 0.00	30.23 1.94 0.00	28.16 1.77 0.00	29.40 1.70 0.00	34.73 2.11 0.00	36.97 2.27 0.00	53.02 3.43 0.00	42.78 2.97 0.00	36.85 2.84 0.00	30.70 2.40 -2.26	27.85 2.23 0.00	30.44 2.02 -4.43	27.39 1.93 -2.26	26.20 1.87 -0.86	29.78 2.25 0.00	30.90 2.24 0.00	29.60 2.20 0.00	30.93 2.43 0.00	31.75 2.49 0.00	32.56 2.37 0.00	29.34 2.13 0.00	24.97 1.79 0.00	24.97 1.61 0.00	24.73 1.52 -1.40
ASTORIA_GT_12 24226	29.63 2.17 0.00	30.23 1.94 0.00	28.16 1.77 0.00	29.40 1.70 0.00	34.73 2.11 0.00	36.97 2.27 0.00	53.02 3.43 0.00	42.78 2.97 0.00	36.85 2.84 0.00	30.70 2.40 -2.26	27.85 2.23 0.00	30.44 2.02 -4.43	27.39 1.93 -2.26	26.20 1.87 -0.86	29.78 2.25 0.00	30.90 2.24 0.00	29.60 2.20 0.00	30.93 2.43 0.00	31.75 2.49 0.00	32.56 2.37 0.00	29.34 2.13 0.00	24.97 1.79 0.00	24.97 1.61 0.00	24.73 1.52 -1.40
ASTORIA_GT_13 24227	29.63 2.17 0.00	30.23 1.94 0.00	28.16 1.77 0.00	29.40 1.70 0.00	34.73 2.11 0.00	36.97 2.27 0.00	53.02 3.43 0.00	42.78 2.97 0.00	36.85 2.84 0.00	30.70 2.40 -2.26	27.85 2.23 0.00	30.44 2.02 -4.43	27.39 1.93 -2.26	26.20 1.87 -0.86	29.78 2.25 0.00	30.90 2.24 0.00	29.60 2.20 0.00	30.93 2.43 0.00	31.75 2.49 0.00	32.56 2.37 0.00	29.34 2.13 0.00	24.97 1.79 0.00	24.97 1.61 0.00	24.73 1.52 -1.40
ASTORIA_GT_5 24106	29.67 2.20 0.00	30.23 1.94 0.00	28.17 1.79 0.00	29.38 1.68 0.00	34.70 2.07 0.00	36.95 2.24 0.00	53.03 3.44 0.00	42.82 3.00 0.00	36.84 2.84 0.00	30.58 2.38 -2.17	27.81 2.20 0.01	30.39 1.98 -4.42	27.34 1.89 -2.24	26.16 1.83 -0.86	29.75 2.23 0.00	30.89 2.23 0.00	29.61 2.21 0.00	30.94 2.44 0.00	31.75 2.49 0.00	32.57 2.37 0.00	29.34 2.14 0.00	24.99 1.81 0.00	24.99 1.62 0.00	24.76 1.55 -1.40
ASTORIA_GT_7 24107	29.67 2.20 0.00	30.23 1.94 0.00	28.17 1.79 0.00	29.38 1.68 0.00	34.70 2.07 0.00	36.95 2.24 0.00	53.03 3.44 0.00	42.82 3.00 0.00	36.84 2.84 0.00	30.58 2.38 -2.17	27.81 2.20 0.01	30.39 1.98 -4.42	27.34 1.89 -2.24	26.16 1.83 -0.86	29.75 2.23 0.00	30.89 2.23 0.00	29.61 2.21 0.00	30.94 2.44 0.00	31.75 2.49 0.00	32.57 2.37 0.00	29.34 2.14 0.00	24.99 1.81 0.00	24.99 1.62 0.00	24.76 1.55 -1.40
ASTORIA_GT_8 24108	29.67 2.20 0.00	30.23 1.94 0.00	28.17 1.79 0.00	29.38 1.68 0.00	34.70 2.07 0.00	36.95 2.24 0.00	53.03 3.44 0.00	42.82 3.00 0.00	36.84 2.84 0.00	30.58 2.38 -2.17	27.81 2.20 0.01	30.39 1.98 -4.42	27.34 1.89 -2.24	26.16 1.83 -0.86	29.75 2.23 0.00	30.89 2.23 0.00	29.61 2.21 0.00	30.94 2.44 0.00	31.75 2.49 0.00	32.57 2.37 0.00	29.34 2.14 0.00	24.99 1.81 0.00	24.99 1.62 0.00	24.76 1.55 -1.40
ASTORIA___2 24149	29.61 2.15 0.00	30.18 1.89 0.00	28.12 1.74 0.00	29.34 1.64 0.00	34.64 2.01 0.00	36.88 2.17 0.00	52.93 3.33 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.49 2.29 -2.16	27.76 2.15 0.00	30.34 1.93 -4.42	27.30 1.84 -2.25	26.10 1.77 -0.86	29.69 2.17 0.00	30.83 2.17 0.00	29.56 2.15 0.00	30.88 2.38 0.00	31.68 2.43 0.00	32.50 2.31 0.00	29.28 2.08 0.00	24.94 1.77 0.00	24.94 1.58 0.00	24.72 1.51 -1.40
ASTORIA___3 23516	29.63 2.17 0.00	30.23 1.94 0.00	28.15 1.77 0.00	29.40 1.71 0.00	34.73 2.11 0.00	36.97 2.27 0.00	53.02 3.43 0.00	42.78 2.97 0.00	36.84 2.84 0.00	30.69 2.39 -2.26	27.85 2.23 -0.01	30.45 2.02 -4.44	27.40 1.93 -2.26	26.20 1.87 -0.86	29.78 2.25 0.00	30.90 2.24 0.00	29.60 2.20 0.00	30.92 2.43 0.00	31.75 2.49 0.00	32.56 2.36 0.00	29.34 2.13 0.00	24.97 1.80 0.00	24.98 1.61 0.00	24.73 1.52 -1.40
ASTORIA___4 23517	29.63 2.17 0.00	30.23 1.94 0.00	28.16 1.77 0.00	29.40 1.70 0.00	34.73 2.11 0.00	36.97 2.27 0.00	53.02 3.43 0.00	42.78 2.97 0.00	36.84 2.84 0.00	30.70 2.40 -2.26	27.85 2.23 0.00	30.44 2.02 -4.43	27.39 1.93 -2.26	26.20 1.87 -0.86	29.78 2.25 0.00	30.90 2.24 0.00	29.60 2.20 0.00	30.93 2.43 0.00	31.75 2.49 0.00	32.56 2.37 0.00	29.34 2.13 0.00	24.97 1.79 0.00	24.97 1.61 0.00	24.73 1.52 -1.40
ASTORIA___5 23518	29.63 2.17 0.00	30.23 1.94 0.00	28.15 1.77 0.00	29.40 1.71 0.00	34.73 2.11 0.00	36.97 2.27 0.00	53.02 3.43 0.00	42.79 2.98 0.00	36.85 2.85 0.00	30.69 2.39 -2.26	27.85 2.23 -0.01	30.45 2.02 -4.44	27.40 1.93 -2.26	26.20 1.87 -0.86	29.78 2.25 0.00	30.90 2.24 0.00	29.60 2.20 0.00	30.92 2.43 0.00	31.75 2.49 0.00	32.56 2.36 0.00	29.34 2.13 0.00	24.97 1.80 0.00	24.98 1.61 0.00	24.73 1.53 -1.40
AST_ENERGY_2_CC3 323677	29.51 2.05 0.00	30.10 1.81 0.00	28.03 1.65 0.00	29.30 1.60 0.00	34.59 1.96 0.00	36.81 2.10 0.00	52.81 3.22 0.00	42.61 2.80 0.00	36.67 2.67 0.00	30.50 2.29 -2.16	27.69 2.07 0.00	29.50 1.85 -3.66	26.81 1.77 -1.84	26.09 1.76 -0.86	29.63 2.11 0.00	30.12 2.13 0.67	27.51 2.10 2.00	28.68 2.32 2.15	29.62 2.38 2.02	27.94 2.25 4.50	27.63 2.02 1.60	24.89 1.71 0.00	24.90 1.53 0.00	24.65 1.45 -1.40
AST_ENERGY_2_CC4 323678	29.51 2.05 0.00	30.10 1.81 0.00	28.03 1.65 0.00	29.30 1.60 0.00	34.59 1.96 0.00	36.81 2.10 0.00	52.81 3.22 0.00	42.61 2.80 0.00	36.67 2.67 0.00	30.50 2.29 -2.16	27.69 2.07 0.00	29.50 1.85 -3.66	26.81 1.77 -1.84	26.09 1.76 -0.86	29.63 2.11 0.00	30.12 2.13 0.67	27.51 2.10 2.00	28.68 2.32 2.15	29.62 2.38 2.02	27.94 2.25 4.50	27.63 2.02 1.60	24.89 1.71 0.00	24.90 1.53 0.00	24.65 1.45 -1.40

ATHENS_STG_1 23668	28.80 1.34 0.00	29.51 1.22 0.00	27.49 1.11 0.00	28.81 1.12 0.00	33.97 1.34 0.00	36.16 1.45 0.00	51.77 2.18 0.00	41.59 1.78 0.00	35.61 1.61 0.00	27.35 1.31 0.00	26.78 1.16 0.00	25.04 1.05 0.00	24.20 0.99 0.00	24.47 1.00 0.00	28.70 1.18 0.00	29.84 1.18 0.00	28.66 1.25 0.00	29.93 1.43 0.00	30.70 1.44 0.00	31.56 1.37 0.00	28.45 1.25 0.00	24.24 1.06 0.00	24.34 0.98 0.00	24.31 0.99 -1.53
ATHENS_STG_2 23670	28.80 1.34 0.00	29.51 1.22 0.00	27.49 1.11 0.00	28.81 1.12 0.00	33.97 1.34 0.00	36.16 1.45 0.00	51.77 2.18 0.00	41.59 1.78 0.00	35.61 1.61 0.00	27.35 1.31 0.00	26.78 1.16 0.00	25.04 1.05 0.00	24.20 0.99 0.00	24.47 1.00 0.00	28.70 1.18 0.00	29.84 1.18 0.00	28.66 1.25 0.00	29.93 1.43 0.00	30.70 1.44 0.00	31.56 1.37 0.00	28.45 1.25 0.00	24.24 1.06 0.00	24.34 0.98 0.00	24.31 0.99 -1.53
ATHENS_STG_3 23677	28.80 1.34 0.00	29.51 1.22 0.00	27.49 1.11 0.00	28.81 1.12 0.00	33.97 1.34 0.00	36.16 1.45 0.00	51.77 2.18 0.00	41.59 1.78 0.00	35.61 1.61 0.00	27.35 1.31 0.00	26.78 1.16 0.00	25.04 1.05 0.00	24.20 0.99 0.00	24.47 1.00 0.00	28.70 1.18 0.00	29.84 1.18 0.00	28.66 1.25 0.00	29.93 1.43 0.00	30.70 1.44 0.00	31.56 1.37 0.00	28.45 1.25 0.00	24.24 1.06 0.00	24.34 0.98 0.00	24.31 0.99 -1.53
AUBURN___LFGE 323710	27.34 -0.12 0.00	28.29 0.00 0.00	26.28 -0.10 0.00	27.59 -0.11 0.00	32.65 0.03 0.00	34.82 0.12 0.00	49.66 0.07 0.00	39.82 0.01 0.00	33.83 -0.17 0.00	25.82 -0.22 0.00	25.41 -0.21 0.00	23.85 -0.13 0.00	23.03 -0.18 0.00	23.21 -0.26 0.00	27.30 -0.23 0.00	28.49 -0.17 0.00	27.19 -0.22 0.00	28.35 -0.15 0.00	29.14 -0.11 0.00	29.98 -0.21 0.00	27.06 -0.14 0.00	22.96 -0.21 0.00	23.01 -0.36 0.00	21.70 -0.31 -0.20
BABYLON_RES_REC 323704	30.12 2.66 0.00	30.81 2.52 0.00	28.65 2.27 0.00	30.00 2.30 0.00	35.37 2.74 0.00	37.75 3.04 0.00	53.78 4.18 0.00	43.55 3.73 0.00	37.47 3.47 0.00	30.38 2.88 -1.46	29.24 2.64 -0.97	40.26 2.47 -13.81	27.77 2.29 -2.28	28.85 2.32 -3.07	37.12 2.77 -6.82	45.76 2.87 -14.23	30.20 2.80 0.00	32.19 3.10 -0.58	32.30 3.04 0.00	33.28 3.08 0.00	29.91 2.70 0.00	25.45 2.27 0.00	27.57 2.16 -2.05	29.01 2.07 -5.13
BABYLON__69_KV_BK2 356345	30.39 2.93 0.00	31.08 2.80 0.00	28.91 2.53 0.00	30.28 2.58 0.00	35.69 3.06 0.00	38.09 3.38 0.00	54.21 4.61 0.00	43.91 4.10 0.00	37.84 3.84 0.00	30.65 3.15 -1.46	29.47 2.88 -0.97	40.49 2.70 -13.81	27.99 2.51 -2.28	29.07 2.54 -3.07	37.38 3.04 -6.82	46.05 3.16 -14.23	30.47 3.07 0.00	32.50 3.41 -0.58	32.62 3.36 0.00	33.63 3.44 0.00	30.20 3.00 0.00	25.69 2.51 0.00	27.80 2.39 -2.05	29.21 2.27 -5.13
BALL_HILL_WT_PWR 323825	26.29 -1.17 0.00	27.59 -0.70 0.00	25.49 -0.89 0.00	27.03 -0.67 0.00	31.84 -0.79 0.00	33.66 -1.04 0.00	47.73 -1.86 0.00	38.03 -1.78 0.00	32.25 -1.75 0.00	24.63 -1.41 0.00	24.25 -1.37 0.00	22.76 -1.22 0.00	21.81 -1.40 0.00	22.01 -1.46 0.00	26.00 -1.52 0.00	27.13 -1.53 0.00	25.51 -1.90 0.00	26.53 -1.97 0.00	27.21 -2.05 0.00	27.79 -2.41 0.00	24.83 -2.37 0.00	21.03 -2.15 0.00	20.95 -2.42 0.00	19.87 -2.16 -0.23
BARON_WINDS___WT_PWR 323822	27.14 -0.32 0.00	28.52 0.23 0.00	26.60 0.21 0.00	28.13 0.43 0.00	33.07 0.44 0.00	35.31 0.60 0.00	50.65 1.05 0.00	40.72 0.90 0.00	34.48 0.48 0.00	26.19 0.15 0.00	25.71 0.10 0.00	24.05 0.07 0.00	22.67 -0.53 0.00	22.61 -0.85 0.00	26.36 -1.17 0.00	27.55 -1.10 0.00	26.14 -1.26 0.00	27.34 -1.16 0.00	28.14 -1.12 0.00	29.13 -1.07 0.00	26.34 -0.87 0.00	22.31 -0.87 0.00	22.34 -1.03 0.00	21.35 -0.82 -0.37
BARRETT_IC_1 23704	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BARRETT_IC_10 23701	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BARRETT_IC_11 23702	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BARRETT_IC_12 23703	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BARRETT_IC_2 23705	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BARRETT_IC_3 23706	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BARRETT_IC_4 23707	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13

BARRETT_IC_5 23708	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BARRETT_IC_6 23709	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BARRETT_IC_7 23710	29.77 2.30 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.14 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.69 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.70 1.77 -5.13
BARRETT_IC_8 23711	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BARRETT_IC_9 23700	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BARRETT___1 23545	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BARRETT___2 23546	29.77 2.31 0.00	30.44 2.15 0.00	28.31 1.93 0.00	29.63 1.94 0.00	34.96 2.33 0.00	37.21 2.51 0.00	52.92 3.33 0.00	42.85 3.04 0.00	36.88 2.88 0.00	29.91 2.41 -1.46	28.85 2.26 -0.97	39.93 2.13 -13.81	27.53 2.05 -2.28	28.60 2.06 -3.07	36.80 2.45 -6.82	45.35 2.46 -14.23	29.85 2.44 0.00	31.77 2.68 -0.58	31.88 2.62 0.00	32.76 2.56 0.00	29.48 2.27 0.00	25.08 1.90 0.00	27.23 1.82 -2.05	28.71 1.77 -5.13
BATAVIA__115KV_TB1 55881	26.54 -0.92 0.00	27.82 -0.46 0.00	25.68 -0.71 0.00	27.20 -0.50 0.00	32.11 -0.52 0.00	34.01 -0.70 0.00	48.23 -1.37 0.00	38.40 -1.41 0.00	32.62 -1.38 0.00	25.00 -1.04 0.00	24.70 -0.92 0.00	23.20 -0.79 0.00	22.28 -0.93 0.00	22.60 -0.87 0.00	26.61 -0.92 0.00	27.76 -0.90 0.00	26.25 -1.15 0.00	27.29 -1.21 0.00	28.06 -1.19 0.00	28.61 -1.59 0.00	25.57 -1.64 0.00	21.61 -1.57 0.00	21.41 -1.96 0.00	20.26 -1.74 -0.21
BAYONEEC___CTG1 323682	29.52 2.06 0.00	30.12 1.83 0.00	28.05 1.67 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.84 2.13 0.00	52.86 3.27 0.00	42.62 2.81 0.00	36.69 2.68 0.00	30.51 2.30 -2.17	27.71 2.10 0.00	30.32 1.89 -4.44	27.28 1.81 -2.26	26.14 1.81 -0.86	29.69 2.17 0.00	30.84 2.19 0.00	29.55 2.14 0.00	30.87 2.37 0.00	31.69 2.43 0.00	32.51 2.31 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.95 1.59 0.00	24.71 1.51 -1.40
BAYONEEC___CTG10 323750	29.52 2.06 0.00	30.12 1.83 0.00	28.05 1.67 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.84 2.13 0.00	52.86 3.27 0.00	42.62 2.81 0.00	36.69 2.68 0.00	30.51 2.30 -2.17	27.71 2.10 0.00	30.32 1.89 -4.44	27.28 1.81 -2.26	26.14 1.81 -0.86	29.69 2.17 0.00	30.84 2.19 0.00	29.55 2.14 0.00	30.87 2.37 0.00	31.69 2.43 0.00	32.51 2.31 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.95 1.59 0.00	24.71 1.51 -1.40
BAYONEEC___CTG2 323683	29.52 2.06 0.00	30.12 1.83 0.00	28.05 1.67 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.84 2.13 0.00	52.86 3.27 0.00	42.62 2.81 0.00	36.69 2.68 0.00	30.51 2.30 -2.17	27.71 2.10 0.00	30.32 1.89 -4.44	27.28 1.81 -2.26	26.14 1.81 -0.86	29.69 2.17 0.00	30.84 2.19 0.00	29.55 2.14 0.00	30.87 2.37 0.00	31.69 2.43 0.00	32.51 2.31 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.95 1.59 0.00	24.71 1.51 -1.40
BAYONEEC___CTG3 323684	29.52 2.06 0.00	30.12 1.83 0.00	28.05 1.67 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.84 2.13 0.00	52.86 3.27 0.00	42.62 2.81 0.00	36.69 2.68 0.00	30.51 2.30 -2.17	27.71 2.10 0.00	30.32 1.89 -4.44	27.28 1.81 -2.26	26.14 1.81 -0.86	29.69 2.17 0.00	30.84 2.19 0.00	29.55 2.14 0.00	30.87 2.37 0.00	31.69 2.43 0.00	32.51 2.31 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.95 1.59 0.00	24.71 1.51 -1.40
BAYONEEC___CTG4 323685	29.52 2.06 0.00	30.12 1.83 0.00	28.05 1.67 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.84 2.13 0.00	52.86 3.27 0.00	42.62 2.81 0.00	36.69 2.68 0.00	30.51 2.30 -2.17	27.71 2.10 0.00	30.32 1.89 -4.44	27.28 1.81 -2.26	26.14 1.81 -0.86	29.69 2.17 0.00	30.84 2.19 0.00	29.55 2.14 0.00	30.87 2.37 0.00	31.69 2.43 0.00	32.51 2.31 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.95 1.59 0.00	24.71 1.51 -1.40
BAYONEEC___CTG5 323686	29.52 2.06 0.00	30.12 1.83 0.00	28.05 1.67 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.84 2.13 0.00	52.86 3.27 0.00	42.62 2.81 0.00	36.69 2.68 0.00	30.51 2.30 -2.17	27.71 2.10 0.00	30.32 1.89 -4.44	27.28 1.81 -2.26	26.14 1.81 -0.86	29.69 2.17 0.00	30.84 2.19 0.00	29.55 2.14 0.00	30.87 2.37 0.00	31.69 2.43 0.00	32.51 2.31 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.95 1.59 0.00	24.71 1.51 -1.40
BAYONEEC___CTG6 323687	29.52 2.06 0.00	30.12 1.83 0.00	28.05 1.67 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.84 2.13 0.00	52.86 3.27 0.00	42.62 2.81 0.00	36.69 2.68 0.00	30.51 2.30 -2.17	27.71 2.10 0.00	30.32 1.89 -4.44	27.28 1.81 -2.26	26.14 1.81 -0.86	29.69 2.17 0.00	30.84 2.19 0.00	29.55 2.14 0.00	30.87 2.37 0.00	31.69 2.43 0.00	32.51 2.31 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.95 1.59 0.00	24.71 1.51 -1.40

BAYONEEC___CTG7 323688	29.52 2.06 0.00	30.12 1.83 0.00	28.05 1.67 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.84 2.13 0.00	52.86 3.27 0.00	42.62 2.81 0.00	36.69 2.68 0.00	30.51 2.30 -2.17	27.71 2.10 0.00	30.32 1.89 -4.44	27.28 1.81 -2.26	26.14 1.81 -0.86	29.69 2.17 0.00	30.84 2.19 0.00	29.55 2.14 0.00	30.87 2.37 0.00	31.69 2.43 0.00	32.51 2.31 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.95 1.59 0.00	24.71 1.51 -1.40
BAYONEEC___CTG8 323689	29.52 2.06 0.00	30.12 1.83 0.00	28.05 1.67 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.84 2.13 0.00	52.86 3.27 0.00	42.62 2.81 0.00	36.69 2.68 0.00	30.51 2.30 -2.17	27.71 2.10 0.00	30.32 1.89 -4.44	27.28 1.81 -2.26	26.14 1.81 -0.86	29.69 2.17 0.00	30.84 2.19 0.00	29.55 2.14 0.00	30.87 2.37 0.00	31.69 2.43 0.00	32.51 2.31 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.95 1.59 0.00	24.71 1.51 -1.40
BAYONEEC___CTG9 323749	29.52 2.06 0.00	30.12 1.83 0.00	28.05 1.67 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.84 2.13 0.00	52.86 3.27 0.00	42.62 2.81 0.00	36.69 2.68 0.00	30.51 2.30 -2.17	27.71 2.10 0.00	30.32 1.89 -4.44	27.28 1.81 -2.26	26.14 1.81 -0.86	29.69 2.17 0.00	30.84 2.19 0.00	29.55 2.14 0.00	30.87 2.37 0.00	31.69 2.43 0.00	32.51 2.31 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.95 1.59 0.00	24.71 1.51 -1.40
BEACON___LESR 323632	29.18 1.72 0.00	29.83 1.54 0.00	27.82 1.43 0.00	29.17 1.47 0.00	34.39 1.76 0.00	36.60 1.89 0.00	52.50 2.90 0.00	41.76 1.94 0.00	35.59 1.59 0.00	27.27 1.23 0.00	26.51 0.89 0.00	24.83 0.84 0.00	24.05 0.84 0.00	24.37 0.90 0.00	28.47 0.94 0.00	29.61 0.95 0.00	28.55 1.14 0.00	29.88 1.38 0.00	30.62 1.37 0.00	31.58 1.39 0.00	28.47 1.27 0.00	24.26 1.09 0.00	24.43 1.07 0.00	24.82 1.32 -1.70
BEAVER RIVER___HYD 24048	27.20 -0.26 0.00	28.21 -0.07 0.00	26.42 0.04 0.00	27.94 0.24 0.00	33.03 0.39 0.00	35.21 0.51 0.00	50.65 1.05 0.00	40.73 0.92 0.00	34.33 0.33 0.00	25.91 -0.13 0.00	25.51 -0.11 0.00	23.98 -0.01 0.00	23.08 -0.12 0.00	23.36 -0.11 0.00	27.32 -0.20 0.00	28.38 -0.28 0.00	26.80 -0.60 0.00	27.93 -0.57 0.00	28.84 -0.42 0.00	29.66 -0.53 0.00	26.51 -0.69 0.00	22.46 -0.71 0.00	22.67 -0.69 0.00	21.26 -0.60 -0.06
BEEBEE_GT_13 23619	26.44 -1.02 0.00	27.54 -0.74 0.00	25.49 -0.89 0.00	26.94 -0.76 0.00	31.78 -0.85 0.00	33.70 -1.01 0.00	48.00 -1.60 0.00	38.36 -1.45 0.00	32.64 -1.36 0.00	25.01 -1.03 0.00	24.67 -0.94 0.00	23.22 -0.76 0.00	22.34 -0.86 0.00	22.62 -0.85 0.00	26.61 -0.92 0.00	27.73 -0.92 0.00	26.33 -1.08 0.00	27.38 -1.13 0.00	28.15 -1.11 0.00	28.79 -1.41 0.00	25.80 -1.40 0.00	21.85 -1.33 0.00	21.77 -1.59 0.00	20.56 -1.43 -0.19
BENSHRST_27_KV_BENSHRST_1 355998	29.95 2.49 0.00	30.56 2.27 0.00	28.44 2.06 0.00	29.72 2.02 0.00	35.11 2.48 0.00	37.37 2.66 0.00	53.59 3.99 0.00	43.25 3.43 0.00	37.29 3.29 0.00	31.02 2.72 -2.26	28.17 2.55 0.00	30.73 2.31 -4.43	27.67 2.21 -2.26	26.49 2.16 -0.86	30.16 2.62 -0.02	31.31 2.64 -0.02	29.97 2.57 0.00	31.34 2.83 -0.01	32.17 2.90 -0.02	243.39 2.78 -210.42	102.61 2.49 -72.92	33.63 2.10 -8.35	25.26 1.89 0.00	24.99 1.78 -1.40
BETHLEHEM___GRP 23843	28.73 1.26 0.00	29.42 1.13 0.00	27.45 1.07 0.00	28.76 1.06 0.00	33.89 1.26 0.00	36.04 1.33 0.00	51.35 1.75 0.00	40.91 1.09 0.00	34.98 0.98 0.00	26.75 0.71 0.00	26.01 0.40 0.00	24.40 0.42 0.00	23.64 0.43 0.00	23.94 0.47 0.00	27.93 0.40 0.00	29.03 0.37 0.00	27.97 0.57 0.00	29.23 0.73 0.00	29.97 0.71 0.00	30.93 0.74 0.00	27.90 0.70 0.00	23.81 0.63 0.00	23.99 0.62 0.00	24.48 0.98 -1.70
BETHLEHEM___GS1 323560	28.73 1.26 0.00	29.42 1.13 0.00	27.45 1.07 0.00	28.76 1.06 0.00	33.89 1.26 0.00	36.04 1.33 0.00	51.35 1.75 0.00	40.91 1.10 0.00	34.98 0.98 0.00	26.75 0.71 0.00	26.01 0.40 0.00	24.40 0.41 0.00	23.64 0.43 0.00	23.94 0.47 0.00	27.93 0.40 0.00	29.03 0.37 0.00	27.97 0.56 0.00	29.22 0.72 0.00	29.97 0.71 0.00	30.93 0.74 0.00	27.90 0.70 0.00	23.81 0.63 0.00	23.99 0.62 0.00	24.48 0.98 -1.70
BETHLEHEM___GS2 323561	28.73 1.26 0.00	29.42 1.13 0.00	27.45 1.07 0.00	28.76 1.06 0.00	33.89 1.26 0.00	36.04 1.33 0.00	51.35 1.75 0.00	40.91 1.10 0.00	34.98 0.98 0.00	26.75 0.71 0.00	26.01 0.40 0.00	24.40 0.41 0.00	23.64 0.43 0.00	23.94 0.47 0.00	27.93 0.40 0.00	29.03 0.37 0.00	27.97 0.56 0.00	29.22 0.72 0.00	29.97 0.71 0.00	30.93 0.74 0.00	27.90 0.70 0.00	23.81 0.63 0.00	23.99 0.62 0.00	24.48 0.98 -1.70
BETHLEHEM___GS3 323562	28.73 1.26 0.00	29.42 1.13 0.00	27.45 1.07 0.00	28.76 1.06 0.00	33.89 1.26 0.00	36.04 1.33 0.00	51.35 1.75 0.00	40.91 1.10 0.00	34.98 0.98 0.00	26.75 0.71 0.00	26.01 0.40 0.00	24.40 0.41 0.00	23.64 0.43 0.00	23.94 0.47 0.00	27.93 0.40 0.00	29.03 0.37 0.00	27.97 0.56 0.00	29.22 0.72 0.00	29.97 0.71 0.00	30.93 0.74 0.00	27.90 0.70 0.00	23.81 0.63 0.00	23.99 0.62 0.00	24.48 0.98 -1.70
BETHLEHEM___STEEL 23779	26.17 -1.29 0.00	27.49 -0.80 0.00	25.37 -1.01 0.00	26.89 -0.81 0.00	31.71 -0.92 0.00	33.47 -1.23 0.00	47.36 -2.24 0.00	37.68 -2.13 0.00	32.08 -1.92 0.00	24.56 -1.49 0.00	24.20 -1.42 0.00	22.80 -1.19 0.00	21.87 -1.34 0.00	22.07 -1.40 0.00	26.01 -1.52 0.00	27.11 -1.55 0.00	25.55 -1.86 0.00	26.50 -2.01 0.00	27.23 -2.02 0.00	27.79 -2.41 0.00	24.84 -2.36 0.00	21.02 -2.16 0.00	20.88 -2.49 0.00	19.81 -2.22 -0.23
BETHLHEM_115KV_TB1 79974	28.75 1.29 0.00	29.44 1.15 0.00	27.47 1.09 0.00	28.78 1.08 0.00	33.91 1.28 0.00	36.06 1.36 0.00	51.39 1.80 0.00	40.94 1.13 0.00	35.01 1.01 0.00	26.77 0.73 0.00	26.03 0.42 0.00	24.42 0.43 0.00	23.66 0.45 0.00	23.95 0.49 0.00	27.95 0.42 0.00	29.05 0.39 0.00	28.00 0.59 0.00	29.26 0.76 0.00	30.00 0.74 0.00	30.97 0.77 0.00	27.94 0.74 0.00	23.83 0.66 0.00	24.01 0.64 0.00	24.50 1.00 -1.70
BETHPAGE_CC_5 323564	29.89 2.43 0.00	30.56 2.28 0.00	28.41 2.03 0.00	29.75 2.05 0.00	35.06 2.44 0.00	37.38 2.67 0.00	53.22 3.62 0.00	43.05 3.24 0.00	37.07 3.07 0.00	30.08 2.58 -1.46	29.00 2.42 -0.97	40.05 2.26 -13.81	27.59 2.11 -2.28	28.66 2.12 -3.07	36.88 2.53 -6.82	45.43 2.54 -14.23	29.87 2.46 0.00	31.83 2.74 -0.58	31.94 2.68 0.00	32.89 2.69 0.00	29.59 2.39 0.00	25.19 2.01 0.00	27.36 1.95 -2.05	28.86 1.93 -5.13
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.33 -1.13 0.00	27.65 -0.64 0.00	25.52 -0.86 0.00	27.05 -0.65 0.00	31.89 -0.74 0.00	33.66 -1.04 0.00	47.66 -1.94 0.00	37.93 -1.88 0.00	32.31 -1.69 0.00	24.73 -1.31 0.00	24.37 -1.25 0.00	22.96 -1.02 0.00	22.02 -1.19 0.00	22.20 -1.27 0.00	26.15 -1.37 0.00	27.26 -1.40 0.00	25.70 -1.71 0.00	26.64 -1.86 0.00	27.37 -1.89 0.00	27.94 -2.26 0.00	24.97 -2.23 0.00	21.13 -2.04 0.00	21.00 -2.37 0.00	19.92 -2.12 -0.23

BINGHAMTON___COGEN 23790	27.45 -0.01 0.00	28.42 0.13 0.00	26.45 0.07 0.00	27.86 0.17 0.00	32.83 0.20 0.00	34.94 0.23 0.00	50.05 0.45 0.00	40.20 0.38 0.00	34.23 0.23 0.00	26.20 0.16 0.00	25.76 0.14 0.00	24.15 0.16 0.00	23.27 0.06 0.00	23.43 -0.04 0.00	27.51 -0.01 0.00	28.70 0.04 0.00	27.30 -0.11 0.00	28.53 0.02 0.00	29.29 0.03 0.00	30.18 -0.02 0.00	27.14 -0.07 0.00	23.04 -0.13 0.00	23.11 -0.26 0.00	22.08 -0.20 -0.47
BIXINCNT_115KV_LOAD 355685	27.14 -0.32 0.00	28.43 0.14 0.00	26.27 -0.12 0.00	27.84 0.14 0.00	32.79 0.16 0.00	34.57 -0.13 0.00	49.10 -0.50 0.00	39.05 -0.77 0.00	33.32 -0.68 0.00	25.46 -0.58 0.00	25.10 -0.52 0.00	23.51 -0.48 0.00	22.36 -0.85 0.00	22.21 -1.26 0.00	26.19 -1.34 0.00	27.26 -1.40 0.00	25.61 -1.79 0.00	26.34 -2.16 0.00	26.75 -2.50 0.00	27.36 -2.83 0.00	24.57 -2.63 0.00	20.87 -2.30 0.00	20.83 -2.53 0.00	19.75 -2.30 -0.25
BLACK RIVER___HYD 24047	27.18 -0.29 0.00	28.23 -0.06 0.00	26.41 0.03 0.00	27.95 0.25 0.00	33.07 0.43 0.00	35.31 0.60 0.00	50.89 1.29 0.00	40.92 1.11 0.00	34.31 0.31 0.00	25.77 -0.28 0.00	25.41 -0.21 0.00	23.97 -0.02 0.00	23.01 -0.20 0.00	23.35 -0.11 0.00	27.36 -0.16 0.00	28.42 -0.24 0.00	26.79 -0.62 0.00	28.00 -0.50 0.00	28.99 -0.27 0.00	29.67 -0.52 0.00	26.48 -0.72 0.00	22.45 -0.73 0.00	22.49 -0.87 0.00	21.07 -0.82 -0.09
BLACKRVR_115KV_TB2 79977	27.17 -0.29 0.00	28.23 -0.06 0.00	26.41 0.03 0.00	27.95 0.25 0.00	33.07 0.43 0.00	35.31 0.60 0.00	50.89 1.29 0.00	40.92 1.11 0.00	34.31 0.31 0.00	25.77 -0.28 0.00	25.41 -0.21 0.00	23.97 -0.02 0.00	23.01 -0.20 0.00	23.35 -0.11 0.00	27.36 -0.17 0.00	28.41 -0.24 0.00	26.79 -0.62 0.00	28.00 -0.50 0.00	28.99 -0.26 0.00	29.67 -0.52 0.00	26.48 -0.72 0.00	22.45 -0.73 0.00	22.49 -0.87 0.00	21.07 -0.82 -0.09
BLISS_WT_PWR 323608	27.18 -0.28 0.00	28.46 0.17 0.00	26.31 -0.08 0.00	27.87 0.17 0.00	32.84 0.21 0.00	34.62 -0.08 0.00	49.19 -0.41 0.00	39.08 -0.73 0.00	33.37 -0.63 0.00	25.47 -0.57 0.00	25.10 -0.51 0.00	23.47 -0.52 0.00	22.28 -0.92 0.00	22.04 -1.43 0.00	25.99 -1.53 0.00	27.05 -1.60 0.00	25.40 -2.01 0.00	26.09 -2.42 0.00	26.40 -2.86 0.00	27.01 -3.19 0.00	24.27 -2.94 0.00	20.62 -2.56 0.00	20.59 -2.78 0.00	19.49 -2.55 -0.25
BLUESTONE___WT_PWR 323821	27.66 0.19 0.00	29.59 1.30 0.00	27.32 0.94 0.00	29.08 1.38 0.00	34.78 2.16 0.00	36.83 2.13 0.00	53.15 3.55 0.00	43.20 3.39 0.00	36.65 2.64 0.00	27.92 1.87 0.00	27.39 1.78 0.00	25.63 1.65 0.00	24.72 1.51 0.00	24.76 1.29 0.00	28.48 0.95 0.00	29.39 0.73 0.00	27.51 0.10 0.00	28.91 0.41 0.00	29.62 0.36 0.00	30.57 0.38 0.00	27.62 0.42 0.00	23.27 0.09 0.00	23.56 0.19 0.00	22.69 0.38 -0.50
BLUE_CIRC_CHEM_DRP 24182	28.81 1.35 0.00	29.57 1.28 0.00	27.58 1.20 0.00	28.92 1.23 0.00	34.09 1.47 0.00	36.26 1.55 0.00	51.75 2.16 0.00	41.30 1.48 0.00	35.16 1.16 0.00	26.85 0.81 0.00	26.24 0.62 0.00	24.60 0.61 0.00	23.83 0.62 0.00	24.11 0.64 0.00	28.29 0.76 0.00	29.41 0.75 0.00	28.35 0.94 0.00	29.63 1.13 0.00	30.38 1.13 0.00	31.32 1.12 0.00	28.23 1.03 0.00	24.08 0.90 0.00	24.24 0.87 0.00	24.51 1.04 -1.67
BOC_GAS_DRP 24189	28.55 1.09 0.00	29.28 1.00 0.00	27.31 0.92 0.00	28.63 0.93 0.00	33.74 1.11 0.00	35.88 1.18 0.00	51.28 1.68 0.00	41.07 1.26 0.00	35.13 1.13 0.00	26.93 0.89 0.00	26.34 0.72 0.00	24.66 0.67 0.00	23.85 0.65 0.00	24.13 0.67 0.00	28.26 0.73 0.00	29.38 0.72 0.00	28.23 0.83 0.00	29.48 0.98 0.00	30.24 0.98 0.00	31.14 0.95 0.00	28.08 0.88 0.00	23.94 0.76 0.00	24.08 0.72 0.00	24.31 0.82 -1.69
BOONVILLE_115KV_TB1 79983	28.01 0.55 0.00	28.95 0.66 0.00	27.04 0.65 0.00	28.50 0.80 0.00	33.65 1.02 0.00	35.90 1.19 0.00	51.59 1.99 0.00	41.44 1.63 0.00	35.13 1.13 0.00	26.70 0.66 0.00	26.23 0.62 0.00	24.58 0.59 0.00	23.78 0.57 0.00	24.03 0.56 0.00	28.12 0.60 0.00	29.23 0.57 0.00	27.83 0.42 0.00	29.03 0.53 0.00	29.85 0.59 0.00	30.72 0.53 0.00	27.57 0.36 0.00	23.39 0.21 0.00	23.55 0.18 0.00	22.06 0.21 -0.05
BORALEX_4TH_BRANCH 23824	29.44 1.98 0.00	30.13 1.85 0.00	28.10 1.72 0.00	29.45 1.75 0.00	34.71 2.08 0.00	36.75 2.04 0.00	52.55 2.95 0.00	42.28 2.47 0.00	36.13 2.13 0.00	27.63 1.59 0.00	27.07 1.45 0.00	25.32 1.34 0.00	24.50 1.29 0.00	24.85 1.38 0.00	29.18 1.65 0.00	30.18 1.52 0.00	29.01 1.61 0.00	30.34 1.84 0.00	31.06 1.80 0.00	31.85 1.66 0.00	28.88 1.68 0.00	24.70 1.52 0.00	24.87 1.50 0.00	25.00 1.50 -1.69
BOWLINE___1 23526	29.32 1.86 0.00	29.95 1.66 0.00	27.89 1.51 0.00	29.19 1.49 0.00	34.45 1.81 0.00	36.68 1.98 0.00	52.62 3.02 0.00	42.39 2.58 0.00	36.39 2.39 0.00	24.10 1.99 3.94	27.42 1.81 0.00	13.33 1.64 12.29	18.52 1.55 6.24	22.61 1.54 2.39	29.37 1.85 0.00	30.53 1.87 0.00	29.31 1.90 0.00	30.63 2.13 0.00	31.42 2.17 0.00	32.25 2.06 0.00	29.05 1.85 0.00	24.74 1.56 0.00	24.79 1.42 0.00	24.58 1.38 -1.40
BOWLINE___2 23595	29.29 1.83 0.00	29.92 1.63 0.00	27.86 1.48 0.00	29.16 1.46 0.00	34.41 1.78 0.00	36.64 1.94 0.00	52.55 2.96 0.00	42.35 2.54 0.00	36.35 2.35 0.00	24.05 1.97 3.95	27.40 1.78 0.00	13.27 1.61 12.33	18.47 1.52 6.25	22.58 1.51 2.40	29.34 1.82 0.00	30.50 1.84 0.00	29.28 1.88 0.00	30.60 2.09 0.00	31.39 2.14 0.00	32.22 2.02 0.00	29.02 1.82 0.00	24.71 1.54 0.00	24.77 1.40 0.00	24.55 1.35 -1.40
BRADY___115KV_TB2 356060	27.33 -0.13 0.00	28.27 -0.02 0.00	26.45 0.07 0.00	27.83 0.13 0.00	32.77 0.14 0.00	34.77 0.07 0.00	49.57 -0.03 0.00	39.90 0.09 0.00	33.88 -0.12 0.00	25.79 -0.25 0.00	25.48 -0.13 0.00	23.93 -0.05 0.00	23.18 -0.03 0.00	23.49 0.03 0.00	27.54 0.02 0.00	28.82 0.16 0.00	27.46 0.05 0.00	28.38 -0.11 0.00	29.17 -0.08 0.00	30.29 0.10 0.00	27.23 0.03 0.00	23.22 0.04 0.00	23.56 0.19 0.00	21.87 0.07 0.00
BRANSCOMB___SOLAR 323811	28.87 1.41 0.00	29.60 1.31 0.00	27.59 1.21 0.00	28.94 1.25 0.00	34.14 1.51 0.00	36.38 1.67 0.00	52.20 2.60 0.00	41.86 2.05 0.00	35.55 1.55 0.00	27.09 1.05 0.00	26.47 0.85 0.00	24.74 0.76 0.00	24.00 0.79 0.00	24.40 0.93 0.00	28.72 1.20 0.00	29.84 1.19 0.00	28.82 1.41 0.00	30.10 1.60 0.00	30.84 1.59 0.00	31.68 1.48 0.00	28.56 1.36 0.00	24.38 1.20 0.00	24.51 1.14 0.00	24.67 1.13 -1.74
BRENTWOD_69_KV_W. BRTWOOD 56703	30.28 2.82 0.00	30.98 2.69 0.00	28.81 2.42 0.00	30.18 2.48 0.00	35.57 2.94 0.00	37.95 3.24 0.00	53.85 4.26 0.00	43.71 3.90 0.00	37.70 3.70 0.00	30.55 3.05 -1.46	29.36 2.77 -0.97	40.39 2.60 -13.81	27.89 2.41 -2.28	28.98 2.44 -3.07	37.25 2.90 -6.82	45.92 3.03 -14.23	30.34 2.94 0.00	32.35 3.26 -0.58	32.45 3.19 0.00	33.48 3.29 0.00	30.07 2.86 0.00	25.59 2.42 0.00	27.71 2.30 -2.05	29.13 2.20 -5.13

BRISTLHL_115KV_TB1 79998	26.60 -0.86 0.00	27.45 -0.84 0.00	25.54 -0.84 0.00	26.87 -0.83 0.00	31.69 -0.94 0.00	33.73 -0.97 0.00	48.30 -1.30 0.00	38.74 -1.08 0.00	32.97 -1.03 0.00	25.19 -0.85 0.00	24.77 -0.85 0.00	23.25 -0.73 0.00	22.49 -0.72 0.00	22.71 -0.75 0.00	26.66 -0.86 0.00	27.80 -0.86 0.00	26.56 -0.85 0.00	27.70 -0.80 0.00	28.45 -0.81 0.00	29.28 -0.92 0.00	26.34 -0.86 0.00	22.37 -0.81 0.00	22.43 -0.94 0.00	21.09 -0.85 -0.14
BROOKHAVEN___DRP 24191	30.28 2.81 0.00	30.95 2.66 0.00	28.78 2.40 0.00	30.16 2.46 0.00	35.57 2.94 0.00	38.00 3.29 0.00	54.09 4.49 0.00	43.66 3.85 0.00	37.61 3.61 0.00	30.49 3.00 -1.46	29.27 2.68 -0.97	40.31 2.51 -13.81	27.81 2.32 -2.28	28.88 2.34 -3.07	37.16 2.81 -6.82	45.86 2.97 -14.23	30.20 2.80 0.00	32.21 3.12 -0.58	32.21 2.95 0.00	33.31 3.12 0.00	29.96 2.76 0.00	25.53 2.35 0.00	27.70 2.29 -2.05	29.12 2.19 -5.13
BROOKLYN_NAVY_YARD 23515	29.55 2.09 0.00	30.16 1.87 0.00	28.09 1.71 0.00	29.35 1.66 0.00	34.65 2.02 0.00	36.88 2.17 0.00	52.95 3.35 0.00	42.70 2.88 0.00	36.74 2.74 0.00	30.55 2.34 -2.17	27.76 2.15 0.00	30.35 1.92 -4.44	27.30 1.84 -2.26	26.16 1.83 -0.86	29.72 2.19 0.00	30.87 2.22 0.00	29.61 2.21 0.00	30.93 2.44 0.00	31.76 2.50 0.00	32.57 2.38 0.00	29.34 2.14 0.00	24.98 1.81 0.00	24.98 1.62 0.00	24.73 1.52 -1.40
BROOKLYN___ARMY_DRP 323595	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.26	26.35 2.02 -0.86	29.97 2.43 -0.02	31.13 2.45 -0.02	29.80 2.39 0.00	31.15 2.65 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.87 1.66 -1.40
BROOKVLE_69_KV_TB1 55790	30.08 2.62 0.00	30.75 2.46 0.00	28.59 2.21 0.00	29.93 2.23 0.00	35.31 2.68 0.00	37.65 2.95 0.00	53.75 4.15 0.00	43.35 3.54 0.00	37.25 3.25 0.00	30.19 2.69 -1.46	29.21 2.62 -0.97	40.24 2.45 -13.81	27.78 2.30 -2.28	28.85 2.31 -3.07	37.11 2.76 -6.82	45.70 2.81 -14.23	30.06 2.66 0.00	32.04 2.95 -0.58	32.16 2.90 0.00	33.08 2.89 0.00	29.75 2.55 0.00	25.30 2.13 0.00	27.41 2.00 -2.05	28.93 2.00 -5.13
BROOME_2_LFGE 323671	27.45 -0.01 0.00	28.42 0.13 0.00	26.45 0.07 0.00	27.87 0.17 0.00	32.83 0.20 0.00	34.95 0.24 0.00	50.04 0.45 0.00	40.20 0.39 0.00	34.23 0.23 0.00	26.21 0.17 0.00	25.76 0.14 0.00	24.15 0.16 0.00	23.27 0.06 0.00	23.43 -0.04 0.00	27.51 -0.01 0.00	28.70 0.05 0.00	27.30 -0.11 0.00	28.53 0.02 0.00	29.29 0.04 0.00	30.18 -0.02 0.00	27.14 -0.07 0.00	23.05 -0.13 0.00	23.11 -0.25 0.00	22.07 -0.20 -0.47
BROOME___LFGE 323600	27.45 -0.01 0.00	28.42 0.13 0.00	26.45 0.07 0.00	27.87 0.17 0.00	32.83 0.20 0.00	34.95 0.24 0.00	50.04 0.45 0.00	40.20 0.39 0.00	34.23 0.23 0.00	26.21 0.17 0.00	25.76 0.14 0.00	24.15 0.16 0.00	23.27 0.06 0.00	23.43 -0.04 0.00	27.51 -0.01 0.00	28.70 0.05 0.00	27.30 -0.11 0.00	28.53 0.02 0.00	29.29 0.04 0.00	30.18 -0.02 0.00	27.14 -0.07 0.00	23.05 -0.13 0.00	23.11 -0.25 0.00	22.07 -0.20 -0.47
BROWNFLS_115KV_TB_3_5 80003	26.95 -0.51 0.00	27.93 -0.36 0.00	26.16 -0.23 0.00	27.60 -0.10 0.00	32.54 -0.09 0.00	34.58 -0.12 0.00	49.56 -0.03 0.00	39.88 0.06 0.00	33.75 -0.26 0.00	25.57 -0.47 0.00	25.22 -0.40 0.00	23.68 -0.31 0.00	22.86 -0.35 0.00	23.15 -0.32 0.00	27.09 -0.44 0.00	28.20 -0.45 0.00	26.72 -0.68 0.00	27.74 -0.76 0.00	28.59 -0.66 0.00	29.53 -0.67 0.00	26.45 -0.75 0.00	22.48 -0.70 0.00	22.78 -0.59 0.00	21.30 -0.55 -0.04
BROWNSV1_27_KV_LOAD 356125	29.85 2.39 0.00	30.46 2.17 0.00	28.36 1.98 0.00	29.64 1.94 0.00	35.00 2.37 0.00	37.25 2.55 0.00	53.49 3.89 0.00	43.17 3.36 0.00	37.15 3.15 0.00	30.86 2.65 -2.17	28.05 2.43 0.00	30.64 2.22 -4.44	27.58 2.12 -2.26	26.44 2.11 -0.86	30.05 2.52 0.00	31.22 2.57 0.00	29.92 2.51 0.00	31.28 2.77 0.00	32.09 2.83 0.00	32.92 2.73 0.00	29.65 2.44 0.00	25.23 2.06 0.00	25.23 1.86 0.00	24.96 1.75 -1.40
BURROWS___LYONSDAL 23803	27.82 0.36 0.00	28.78 0.49 0.00	26.91 0.52 0.00	28.38 0.68 0.00	33.54 0.91 0.00	35.77 1.06 0.00	51.44 1.84 0.00	41.33 1.51 0.00	34.98 0.98 0.00	26.54 0.50 0.00	26.09 0.47 0.00	24.46 0.47 0.00	23.63 0.42 0.00	23.87 0.40 0.00	27.93 0.40 0.00	29.00 0.34 0.00	27.54 0.13 0.00	28.73 0.23 0.00	29.56 0.30 0.00	30.43 0.23 0.00	27.27 0.07 0.00	23.12 -0.06 0.00	23.31 -0.05 0.00	21.85 0.00 -0.05
CAITHNESS_CC_1 323624	30.20 2.74 0.00	30.88 2.59 0.00	28.71 2.33 0.00	30.08 2.38 0.00	35.47 2.84 0.00	37.90 3.19 0.00	53.94 4.34 0.00	43.55 3.73 0.00	37.52 3.52 0.00	30.42 2.92 -1.46	29.21 2.61 -0.97	40.25 2.45 -13.81	27.74 2.26 -2.28	28.83 2.29 -3.07	37.10 2.75 -6.82	45.78 2.89 -14.23	30.13 2.72 0.00	32.13 3.04 -0.58	32.15 2.89 0.00	33.24 3.05 0.00	29.89 2.69 0.00	25.46 2.28 0.00	27.64 2.23 -2.05	29.06 2.13 -5.13
CALPINE BETH_PAGE_GT4 24209	29.87 2.41 0.00	30.54 2.25 0.00	28.38 2.00 0.00	29.71 2.02 0.00	35.01 2.38 0.00	37.31 2.60 0.00	53.11 3.52 0.00	42.97 3.16 0.00	36.97 2.97 0.00	30.00 2.50 -1.46	28.98 2.39 -0.97	40.03 2.23 -13.81	27.57 2.09 -2.28	28.65 2.11 -3.07	36.86 2.50 -6.82	45.36 2.48 -14.23	29.82 2.42 0.00	31.78 2.70 -0.58	31.90 2.64 0.00	32.84 2.65 0.00	29.54 2.34 0.00	25.14 1.96 0.00	27.34 1.93 -2.05	28.81 1.88 -5.13
CALPINE_BETH_PAGE_GT_4 323586	29.87 2.41 0.00	30.53 2.25 0.00	28.38 2.00 0.00	29.71 2.02 0.00	35.01 2.38 0.00	37.31 2.60 0.00	53.12 3.52 0.00	42.97 3.16 0.00	36.97 2.97 0.00	30.00 2.50 -1.46	28.98 2.39 -0.97	40.03 2.23 -13.81	27.57 2.08 -2.28	28.65 2.11 -3.07	36.86 2.50 -6.82	45.36 2.48 -14.23	29.82 2.42 0.00	31.78 2.70 -0.58	31.90 2.64 0.00	32.84 2.65 0.00	29.54 2.34 0.00	25.14 1.96 0.00	27.33 1.92 -2.05	28.81 1.88 -5.13
CALPINE_BP_GT1 23823	29.87 2.41 0.00	30.53 2.25 0.00	28.38 2.00 0.00	29.71 2.02 0.00	35.01 2.38 0.00	37.31 2.60 0.00	53.12 3.52 0.00	42.97 3.16 0.00	36.97 2.97 0.00	30.00 2.50 -1.46	28.98 2.39 -0.97	40.03 2.23 -13.81	27.57 2.08 -2.28	28.65 2.11 -3.07	36.86 2.50 -6.82	45.36 2.48 -14.23	29.82 2.42 0.00	31.78 2.70 -0.58	31.90 2.64 0.00	32.84 2.65 0.00	29.54 2.34 0.00	25.14 1.96 0.00	27.33 1.92 -2.05	28.81 1.88 -5.13
CALSPAN___DRP 24200	26.17 -1.29 0.00	27.49 -0.80 0.00	25.37 -1.01 0.00	26.89 -0.81 0.00	31.71 -0.92 0.00	33.47 -1.23 0.00	47.36 -2.24 0.00	37.68 -2.13 0.00	32.08 -1.92 0.00	24.56 -1.49 0.00	24.20 -1.42 0.00	22.80 -1.19 0.00	21.87 -1.34 0.00	22.07 -1.40 0.00	26.01 -1.52 0.00	27.11 -1.55 0.00	25.55 -1.86 0.00	26.50 -2.01 0.00	27.23 -2.02 0.00	27.79 -2.41 0.00	24.84 -2.36 0.00	21.02 -2.16 0.00	20.88 -2.49 0.00	19.81 -2.22 -0.23

CALVERTON___SOLAR 323806	30.38 2.92 0.00	31.06 2.77 0.00	28.88 2.50 0.00	30.27 2.57 0.00	35.69 3.06 0.00	38.14 3.43 0.00	54.30 4.70 0.00	43.82 4.01 0.00	37.73 3.73 0.00	30.59 3.09 -1.46	29.35 2.75 -0.97	40.38 2.58 -13.81	27.86 2.38 -2.28	28.95 2.41 -3.07	37.24 2.89 -6.82	45.95 3.06 -14.23	30.30 2.89 0.00	32.31 3.22 -0.58	32.31 3.05 0.00	33.42 3.22 0.00	30.06 2.86 0.00	25.61 2.44 0.00	27.78 2.37 -2.05	29.19 2.26 -5.13
CANDIGU_WT_PWR 323617	27.14 -0.32 0.00	28.52 0.23 0.00	26.60 0.21 0.00	28.13 0.43 0.00	33.07 0.44 0.00	35.31 0.60 0.00	50.65 1.05 0.00	40.72 0.90 0.00	34.48 0.48 0.00	26.19 0.15 0.00	25.71 0.10 0.00	24.05 0.07 0.00	22.67 -0.53 0.00	22.61 -0.85 0.00	26.36 -1.17 0.00	27.55 -1.10 0.00	26.14 -1.26 0.00	27.34 -1.16 0.00	28.14 -1.12 0.00	29.13 -1.07 0.00	26.34 -0.87 0.00	22.31 -0.87 0.00	22.34 -1.03 0.00	21.35 -0.82 -0.37
CARR STREET_E_SYR 24060	26.67 -0.79 0.00	27.55 -0.74 0.00	25.63 -0.75 0.00	26.96 -0.74 0.00	31.79 -0.84 0.00	33.85 -0.86 0.00	48.45 -1.15 0.00	38.87 -0.94 0.00	33.10 -0.89 0.00	25.31 -0.73 0.00	24.90 -0.71 0.00	23.35 -0.63 0.00	22.58 -0.63 0.00	22.79 -0.68 0.00	26.76 -0.76 0.00	27.89 -0.76 0.00	26.64 -0.77 0.00	27.78 -0.72 0.00	28.52 -0.74 0.00	29.46 -0.74 0.00	26.57 -0.64 0.00	22.56 -0.61 0.00	22.62 -0.75 0.00	21.31 -0.65 -0.15
CARTHAGE___PAPER 23857	27.39 -0.07 0.00	28.44 0.15 0.00	26.63 0.25 0.00	28.16 0.46 0.00	33.32 0.69 0.00	35.56 0.85 0.00	51.21 1.62 0.00	41.19 1.37 0.00	34.59 0.60 0.00	26.02 -0.02 0.00	25.65 0.03 0.00	24.15 0.16 0.00	23.20 -0.01 0.00	23.55 0.08 0.00	27.58 0.05 0.00	28.66 0.01 0.00	27.06 -0.35 0.00	28.22 -0.28 0.00	29.17 -0.09 0.00	29.94 -0.25 0.00	26.74 -0.46 0.00	22.66 -0.52 0.00	22.80 -0.56 0.00	21.36 -0.51 -0.08
CASSADAGA_WT_PWR 323784	27.12 -0.34 0.00	28.47 0.18 0.00	26.32 -0.06 0.00	27.92 0.22 0.00	32.84 0.21 0.00	34.84 0.13 0.00	49.61 0.01 0.00	39.60 -0.21 0.00	33.22 -0.78 0.00	25.26 -0.78 0.00	24.80 -0.82 0.00	22.99 -0.99 0.00	21.84 -1.37 0.00	21.87 -1.60 0.00	25.81 -1.71 0.00	26.99 -1.67 0.00	25.42 -1.98 0.00	26.51 -1.99 0.00	27.24 -2.02 0.00	27.96 -2.24 0.00	25.17 -2.03 0.00	21.36 -1.82 0.00	21.39 -1.98 0.00	20.36 -1.68 -0.24
CE_DUNWOOD___DRP 24194	29.42 1.96 0.00	30.05 1.77 0.00	27.98 1.60 0.00	29.29 1.59 0.00	34.57 1.94 0.00	36.81 2.10 0.00	52.78 3.18 0.00	42.53 2.72 0.00	36.52 2.52 0.00	29.69 2.10 -1.54	27.53 1.91 0.00	30.47 1.73 -4.75	27.26 1.64 -2.41	26.03 1.63 -0.93	29.48 1.96 0.00	30.64 1.99 0.00	29.41 2.00 0.00	30.73 2.23 0.00	31.53 2.27 0.00	32.36 2.17 0.00	29.15 1.94 0.00	24.82 1.65 0.00	24.87 1.50 0.00	24.64 1.44 -1.40
CE_MILLWOOD___DRP 24193	29.37 1.91 0.00	30.00 1.71 0.00	27.94 1.55 0.00	29.24 1.55 0.00	34.51 1.88 0.00	36.75 2.04 0.00	52.70 3.10 0.00	42.46 2.64 0.00	36.44 2.44 0.00	29.72 2.03 -1.64	27.46 1.84 0.00	30.78 1.67 -5.12	27.39 1.58 -2.60	26.04 1.58 -1.00	29.41 1.89 0.00	30.58 1.92 0.00	29.34 1.93 0.00	30.68 2.18 0.00	31.46 2.20 0.00	32.30 2.10 0.00	29.09 1.88 0.00	24.77 1.59 0.00	24.83 1.46 0.00	24.60 1.40 -1.40
CE_NYC2_DRP 24202	29.65 2.19 0.00	30.25 1.96 0.00	28.17 1.79 0.00	29.42 1.72 0.00	34.75 2.12 0.00	36.99 2.28 0.00	53.06 3.47 0.00	42.82 3.00 0.00	36.87 2.87 0.00	30.72 2.42 -2.26	27.87 2.25 0.00	30.46 2.04 -4.43	27.41 1.95 -2.26	26.22 1.89 -0.86	29.80 2.28 0.00	30.94 2.28 0.00	29.64 2.23 0.00	30.97 2.47 0.00	31.78 2.53 0.00	32.60 2.40 0.00	29.36 2.16 0.00	24.99 1.82 0.00	25.00 1.63 0.00	24.75 1.55 -1.40
CE_NYC_DRP 24195	29.55 2.09 0.00	30.18 1.89 0.00	28.09 1.71 0.00	29.36 1.66 0.00	34.67 2.04 0.00	36.90 2.19 0.00	52.96 3.36 0.00	42.72 2.90 0.00	36.77 2.77 0.00	30.55 2.36 -2.14	27.78 2.16 0.00	30.38 1.95 -4.44	27.33 1.87 -2.26	26.19 1.86 -0.87	29.75 2.23 0.00	30.91 2.25 0.00	29.62 2.21 0.00	30.95 2.45 0.00	31.76 2.50 0.00	32.57 2.38 0.00	29.34 2.14 0.00	24.97 1.80 0.00	24.98 1.61 0.00	24.74 1.53 -1.40
CHAFFEE___LFGE 323603	26.20 -1.26 0.00	27.51 -0.78 0.00	25.39 -0.99 0.00	26.91 -0.79 0.00	31.72 -0.91 0.00	33.48 -1.23 0.00	47.38 -2.22 0.00	37.70 -2.11 0.00	32.12 -1.88 0.00	24.59 -1.45 0.00	24.24 -1.38 0.00	22.84 -1.14 0.00	21.91 -1.29 0.00	22.20 -1.27 0.00	26.16 -1.37 0.00	27.28 -1.38 0.00	25.71 -1.70 0.00	26.70 -1.80 0.00	27.42 -1.83 0.00	28.00 -2.19 0.00	25.02 -2.18 0.00	21.17 -2.00 0.00	21.03 -2.33 0.00	19.96 -2.09 -0.24
CHATEAUG_35_KV_LOAD 355732	26.97 -0.49 0.00	27.91 -0.38 0.00	26.31 -0.07 0.00	27.78 0.08 0.00	32.80 0.17 0.00	34.88 0.17 0.00	49.61 0.02 0.00	39.86 0.05 0.00	34.24 0.24 0.00	26.20 0.16 0.00	25.87 0.25 0.00	24.23 0.24 0.00	23.50 0.29 0.00	23.82 0.35 0.00	27.98 0.46 0.00	29.18 0.52 0.00	27.68 0.27 0.00	28.45 -0.05 0.00	29.22 -0.03 0.00	30.49 0.30 0.00	27.31 0.11 0.00	23.24 0.07 0.00	23.53 0.16 0.00	21.96 0.16 0.00
CHATEAUG_WT_PWR 323614	26.89 -0.57 0.00	27.80 -0.48 0.00	26.23 -0.15 0.00	27.72 0.03 0.00	32.75 0.12 0.00	34.83 0.12 0.00	49.58 -0.02 0.00	39.81 0.00 0.00	34.25 0.25 0.00	26.23 0.19 0.00	25.90 0.28 0.00	24.24 0.26 0.00	23.53 0.32 0.00	23.84 0.37 0.00	28.01 0.49 0.00	29.17 0.52 0.00	27.65 0.24 0.00	28.41 -0.09 0.00	29.14 -0.12 0.00	30.41 0.22 0.00	27.24 0.03 0.00	23.17 0.00 0.00	23.44 0.08 0.00	21.93 0.13 0.00
CHAT_HIGH_FALL_HYD 323578	26.97 -0.49 0.00	27.91 -0.38 0.00	26.31 -0.07 0.00	27.78 0.08 0.00	32.80 0.17 0.00	34.88 0.17 0.00	49.61 0.02 0.00	39.86 0.05 0.00	34.24 0.24 0.00	26.20 0.16 0.00	25.87 0.25 0.00	24.23 0.24 0.00	23.50 0.29 0.00	23.82 0.35 0.00	27.98 0.46 0.00	29.18 0.52 0.00	27.68 0.27 0.00	28.45 -0.05 0.00	29.22 -0.03 0.00	30.49 0.30 0.00	27.31 0.11 0.00	23.24 0.07 0.00	23.53 0.16 0.00	21.96 0.16 0.00
CHAUTAUQUA___LFGE 323629	26.56 -0.91 0.00	27.88 -0.41 0.00	25.78 -0.60 0.00	27.35 -0.35 0.00	32.19 -0.44 0.00	34.13 -0.58 0.00	48.48 -1.12 0.00	38.68 -1.14 0.00	32.68 -1.32 0.00	24.90 -1.14 0.00	24.46 -1.15 0.00	22.86 -1.12 0.00	21.86 -1.35 0.00	21.99 -1.47 0.00	25.99 -1.53 0.00	27.15 -1.50 0.00	25.50 -1.90 0.00	26.62 -1.89 0.00	27.30 -1.96 0.00	27.93 -2.26 0.00	25.00 -2.21 0.00	21.17 -2.01 0.00	21.12 -2.25 0.00	20.04 -2.00 -0.24
CHERRYST_13_KV_LD 356241	29.63 2.17 0.00	30.25 1.96 0.00	28.17 1.79 0.00	29.44 1.74 0.00	34.76 2.13 0.00	37.00 2.30 0.00	53.11 3.52 0.00	42.86 3.05 0.00	36.89 2.89 0.00	30.65 2.46 -2.14	27.87 2.25 0.00	30.47 2.04 -4.44	27.42 1.95 -2.26	26.28 1.95 -0.87	29.85 2.33 0.00	31.02 2.36 0.00	29.72 2.31 0.00	31.06 2.56 0.00	31.86 2.60 0.00	32.66 2.47 0.00	29.42 2.22 0.00	25.04 1.87 0.00	25.05 1.68 0.00	24.79 1.59 -1.40

CHESTROR_138KV_BK263 355645	28.99 1.52 0.00	29.62 1.34 0.00	27.60 1.22 0.00	28.92 1.23 0.00	34.12 1.50 0.00	36.35 1.65 0.00	52.15 2.56 0.00	41.95 2.13 0.00	35.93 1.93 0.00	26.09 1.58 1.53	27.02 1.40 0.00	20.47 1.25 4.77	21.94 1.15 2.42	23.69 1.15 0.93	28.96 1.43 0.00	30.14 1.49 0.00	28.92 1.52 0.00	30.25 1.75 0.00	31.03 1.77 0.00	31.86 1.67 0.00	28.70 1.50 0.00	24.45 1.27 0.00	24.53 1.16 0.00	24.21 1.13 -1.28
CH_MIDHUDSON___DRP 24192	29.40 1.94 0.00	30.06 1.77 0.00	28.00 1.62 0.00	29.31 1.61 0.00	34.59 1.96 0.00	36.83 2.12 0.00	52.86 3.26 0.00	42.58 2.77 0.00	36.48 2.48 0.00	28.05 2.01 0.00	27.43 1.82 0.00	25.62 1.63 0.00	24.75 1.54 0.00	25.01 1.54 0.00	29.37 1.85 0.00	30.55 1.89 0.00	29.37 1.96 0.00	30.71 2.20 0.00	31.51 2.25 0.00	32.35 2.15 0.00	29.13 1.92 0.00	24.80 1.62 0.00	24.85 1.49 0.00	24.65 1.43 -1.42
CH_MISC_IPPS 23765	29.52 2.06 0.00	30.18 1.89 0.00	28.10 1.72 0.00	29.43 1.74 0.00	34.73 2.11 0.00	37.00 2.30 0.00	53.13 3.54 0.00	42.79 2.98 0.00	36.62 2.62 0.00	28.14 2.10 0.00	27.52 1.90 0.00	25.71 1.72 0.00	24.84 1.63 0.00	25.09 1.63 0.00	29.50 1.98 0.00	30.71 2.05 0.00	29.52 2.11 0.00	30.87 2.37 0.00	31.67 2.41 0.00	32.52 2.32 0.00	29.27 2.07 0.00	24.91 1.74 0.00	24.96 1.59 0.00	24.71 1.52 -1.39
CH_RES_BVR_FALLS 23983	27.03 -0.43 0.00	27.98 -0.31 0.00	26.16 -0.22 0.00	27.52 -0.17 0.00	32.43 -0.20 0.00	34.48 -0.23 0.00	49.13 -0.47 0.00	39.46 -0.36 0.00	33.71 -0.29 0.00	25.80 -0.24 0.00	25.46 -0.16 0.00	23.85 -0.14 0.00	23.08 -0.13 0.00	23.33 -0.14 0.00	27.32 -0.21 0.00	28.39 -0.27 0.00	26.91 -0.50 0.00	27.79 -0.71 0.00	28.46 -0.80 0.00	29.55 -0.65 0.00	26.59 -0.61 0.00	22.66 -0.52 0.00	22.95 -0.41 0.00	21.37 -0.43 0.00
CH_RES_NIAGARA 23895	25.15 -2.31 0.00	26.45 -1.84 0.00	24.39 -1.99 0.00	25.85 -1.85 0.00	30.51 -2.13 0.00	32.17 -2.54 0.00	45.32 -4.28 0.00	35.79 -4.02 0.00	30.52 -3.48 0.00	23.36 -2.68 0.00	23.03 -2.59 0.00	21.74 -2.24 0.00	20.91 -2.30 0.00	21.13 -2.34 0.00	24.88 -2.65 0.00	25.93 -2.73 0.00	24.50 -2.91 0.00	25.44 -3.06 0.00	26.13 -3.13 0.00	26.64 -3.55 0.00	23.80 -3.40 0.00	20.14 -3.03 0.00	19.98 -3.38 0.00	19.00 -3.02 -0.22
CH_RES_SYRACUSE 23985	27.05 -0.41 0.00	27.93 -0.36 0.00	25.97 -0.41 0.00	27.31 -0.39 0.00	32.24 -0.39 0.00	34.33 -0.37 0.00	49.10 -0.50 0.00	39.40 -0.42 0.00	33.52 -0.48 0.00	25.61 -0.44 0.00	25.19 -0.42 0.00	23.63 -0.36 0.00	22.84 -0.36 0.00	23.04 -0.42 0.00	27.07 -0.45 0.00	28.23 -0.42 0.00	26.97 -0.44 0.00	28.13 -0.37 0.00	28.89 -0.37 0.00	29.75 -0.45 0.00	26.78 -0.42 0.00	22.74 -0.43 0.00	22.81 -0.56 0.00	21.48 -0.49 -0.17
CLINTON_WT_PWR 323605	26.89 -0.57 0.00	27.80 -0.48 0.00	26.23 -0.15 0.00	27.72 0.03 0.00	32.75 0.12 0.00	34.83 0.12 0.00	49.58 -0.02 0.00	39.81 0.00 0.00	34.25 0.25 0.00	26.23 0.19 0.00	25.90 0.28 0.00	24.24 0.26 0.00	23.53 0.32 0.00	23.84 0.37 0.00	28.01 0.49 0.00	29.17 0.52 0.00	27.65 0.24 0.00	28.41 -0.09 0.00	29.14 -0.12 0.00	30.41 0.22 0.00	27.24 0.03 0.00	23.17 0.00 0.00	23.44 0.08 0.00	21.93 0.13 0.00
CLINTON___LFGE 323618	27.39 -0.07 0.00	28.35 0.06 0.00	26.73 0.35 0.00	28.25 0.55 0.00	33.38 0.75 0.00	35.53 0.83 0.00	50.69 1.09 0.00	40.72 0.90 0.00	35.02 1.02 0.00	26.74 0.70 0.00	26.35 0.73 0.00	24.66 0.67 0.00	23.96 0.75 0.00	24.27 0.80 0.00	28.58 1.05 0.00	29.78 1.12 0.00	28.25 0.84 0.00	29.01 0.51 0.00	29.79 0.53 0.00	31.10 0.90 0.00	27.88 0.68 0.00	23.69 0.52 0.00	23.93 0.57 0.00	22.37 0.57 0.00
COBBLENY_34_KV_TB1 80064	26.19 -1.27 0.00	27.51 -0.78 0.00	25.39 -0.99 0.00	26.91 -0.79 0.00	31.72 -0.91 0.00	33.48 -1.23 0.00	47.38 -2.22 0.00	37.70 -2.11 0.00	32.11 -1.89 0.00	24.59 -1.45 0.00	24.24 -1.38 0.00	22.84 -1.15 0.00	21.91 -1.29 0.00	22.20 -1.27 0.00	26.15 -1.37 0.00	27.28 -1.38 0.00	25.72 -1.69 0.00	26.68 -1.82 0.00	27.43 -1.83 0.00	28.00 -2.19 0.00	25.02 -2.18 0.00	21.17 -2.00 0.00	21.04 -2.33 0.00	19.96 -2.08 -0.24
COFFEEN___115KV_TB3 355620	27.34 -0.12 0.00	28.39 0.10 0.00	26.56 0.17 0.00	28.09 0.40 0.00	33.25 0.62 0.00	35.52 0.81 0.00	51.23 1.64 0.00	41.21 1.39 0.00	34.50 0.50 0.00	25.82 -0.22 0.00	25.52 -0.09 0.00	24.06 0.08 0.00	23.07 -0.14 0.00	23.48 0.01 0.00	27.56 0.04 0.00	28.64 -0.01 0.00	27.03 -0.38 0.00	28.27 -0.23 0.00	29.29 0.04 0.00	29.99 -0.20 0.00	26.75 -0.45 0.00	22.67 -0.51 0.00	22.68 -0.69 0.00	21.23 -0.66 -0.09
COLDSPRG_115KV_BK1 355956	27.61 0.15 0.00	28.92 0.63 0.00	26.76 0.37 0.00	28.37 0.67 0.00	33.36 0.73 0.00	35.21 0.50 0.00	50.17 0.57 0.00	40.12 0.31 0.00	33.98 -0.02 0.00	26.01 -0.03 0.00	25.63 0.02 0.00	24.03 0.04 0.00	22.94 -0.27 0.00	23.01 -0.46 0.00	27.12 -0.40 0.00	28.31 -0.34 0.00	26.49 -0.91 0.00	27.46 -1.04 0.00	28.21 -1.05 0.00	28.88 -1.31 0.00	26.06 -1.14 0.00	22.14 -1.04 0.00	22.15 -1.22 0.00	21.05 -1.01 -0.25
COLONIE_LFGE___ 323577	28.90 1.44 0.00	29.61 1.32 0.00	27.61 1.23 0.00	28.95 1.25 0.00	34.13 1.50 0.00	36.27 1.57 0.00	51.89 2.29 0.00	41.59 1.77 0.00	35.51 1.51 0.00	27.18 1.13 0.00	26.57 0.95 0.00	24.86 0.87 0.00	24.06 0.85 0.00	24.40 0.93 0.00	28.61 1.08 0.00	29.69 1.03 0.00	28.60 1.19 0.00	29.87 1.37 0.00	30.61 1.36 0.00	31.48 1.28 0.00	28.42 1.22 0.00	24.26 1.09 0.00	24.41 1.05 0.00	24.62 1.10 -1.72
COOPERNY_115KV_TB1 80082	28.59 1.13 0.00	29.29 1.00 0.00	27.30 0.92 0.00	28.63 0.93 0.00	33.75 1.12 0.00	35.95 1.25 0.00	51.54 1.94 0.00	41.45 1.63 0.00	35.46 1.46 0.00	26.55 1.20 0.69	26.68 1.06 0.00	22.79 0.95 2.15	22.98 0.86 1.09	23.90 0.85 0.42	28.59 1.06 0.00	29.76 1.10 0.00	28.52 1.12 0.00	29.80 1.30 0.00	30.58 1.32 0.00	31.43 1.24 0.00	28.32 1.11 0.00	24.12 0.95 0.00	24.21 0.84 0.00	23.67 0.83 -1.05
COPENHAGEN_WT_PWR 323753	26.98 -0.48 0.00	28.07 -0.22 0.00	26.28 -0.10 0.00	27.81 0.11 0.00	32.93 0.30 0.00	35.14 0.44 0.00	50.62 1.02 0.00	40.70 0.88 0.00	34.16 0.16 0.00	25.70 -0.34 0.00	25.34 -0.28 0.00	23.90 -0.09 0.00	22.95 -0.26 0.00	23.22 -0.24 0.00	27.16 -0.37 0.00	28.16 -0.50 0.00	26.48 -0.92 0.00	27.66 -0.84 0.00	28.69 -0.57 0.00	29.27 -0.93 0.00	26.13 -1.08 0.00	22.15 -1.03 0.00	22.19 -1.18 0.00	20.79 -1.10 -0.09
CORNELL_____ 23752	27.85 0.39 0.00	28.84 0.56 0.00	26.82 0.43 0.00	28.25 0.55 0.00	33.34 0.71 0.00	35.56 0.85 0.00	50.98 1.39 0.00	40.96 1.14 0.00	34.74 0.74 0.00	26.45 0.41 0.00	26.00 0.38 0.00	24.37 0.38 0.00	23.57 0.37 0.00	23.70 0.23 0.00	27.91 0.38 0.00	29.17 0.52 0.00	27.82 0.41 0.00	29.06 0.56 0.00	29.87 0.61 0.00	30.74 0.54 0.00	27.65 0.45 0.00	23.44 0.27 0.00	23.47 0.10 0.00	22.25 0.11 -0.34

CORONA__69_KV_TB1 355595	29.91 2.45 0.00	30.57 2.28 0.00	28.43 2.05 0.00	29.77 2.07 0.00	35.11 2.49 0.00	37.42 2.71 0.00	53.36 3.77 0.00	43.09 3.27 0.00	37.10 3.10 0.00	30.08 2.58 -1.46	28.99 2.40 -0.97	40.04 2.25 -13.81	27.61 2.13 -2.28	28.67 2.14 -3.07	36.91 2.56 -6.82	45.49 2.60 -14.23	29.97 2.56 0.00	31.94 2.85 -0.58	32.11 2.85 0.00	32.97 2.78 0.00	29.66 2.46 0.00	25.23 2.06 0.00	27.34 1.93 -2.05	28.80 1.87 -5.13
CORTLAND__115KV_TB3 80093	27.63 0.16 0.00	28.56 0.27 0.00	26.57 0.19 0.00	27.97 0.27 0.00	32.98 0.35 0.00	35.15 0.44 0.00	50.40 0.81 0.00	40.47 0.66 0.00	34.41 0.41 0.00	26.23 0.19 0.00	25.77 0.15 0.00	24.14 0.15 0.00	23.37 0.16 0.00	23.53 0.06 0.00	27.67 0.14 0.00	28.88 0.23 0.00	27.55 0.15 0.00	28.79 0.29 0.00	29.55 0.29 0.00	30.43 0.24 0.00	27.38 0.17 0.00	23.24 0.06 0.00	23.28 -0.09 0.00	22.02 -0.05 -0.27
COXSACKIE__GT 23611	30.29 2.83 0.00	31.08 2.80 0.00	28.97 2.59 0.00	30.41 2.71 0.00	35.87 3.24 0.00	38.25 3.55 0.00	54.79 5.19 0.00	43.74 3.93 0.00	36.93 2.93 0.00	27.75 1.70 0.00	26.82 1.21 0.00	25.09 1.10 0.00	24.35 1.14 0.00	24.70 1.23 0.00	29.04 1.52 0.00	30.53 1.87 0.00	29.67 2.26 0.00	31.34 2.84 0.00	32.21 2.96 0.00	33.15 2.95 0.00	29.77 2.57 0.00	25.33 2.15 0.00	25.39 2.03 0.00	25.61 2.20 -1.61
CPV_VALLEY__CC1 323721	28.74 1.28 0.00	29.39 1.10 0.00	27.39 1.02 0.00	28.71 1.01 0.00	33.85 1.22 0.00	36.05 1.34 0.00	51.71 2.11 0.00	41.59 1.77 0.00	35.63 1.63 0.00	26.44 1.35 0.96	26.80 1.18 0.00	22.06 1.07 2.99	22.67 0.98 1.52	23.86 0.97 0.58	28.73 1.21 0.00	29.89 1.24 0.00	28.68 1.27 0.00	29.97 1.47 0.00	30.75 1.49 0.00	31.59 1.39 0.00	28.46 1.25 0.00	24.24 1.06 0.00	24.33 0.96 0.00	23.94 0.95 -1.20
CPV_VALLEY__CC2 323722	28.74 1.28 0.00	29.39 1.10 0.00	27.39 1.02 0.00	28.71 1.01 0.00	33.85 1.22 0.00	36.05 1.34 0.00	51.71 2.11 0.00	41.59 1.77 0.00	35.63 1.63 0.00	26.44 1.35 0.96	26.80 1.18 0.00	22.06 1.07 2.99	22.67 0.98 1.52	23.86 0.97 0.58	28.73 1.21 0.00	29.89 1.24 0.00	28.68 1.27 0.00	29.97 1.47 0.00	30.75 1.49 0.00	31.59 1.39 0.00	28.46 1.25 0.00	24.24 1.06 0.00	24.33 0.96 0.00	23.94 0.95 -1.20
CRESCENT__HYD 24018	28.90 1.44 0.00	29.61 1.32 0.00	27.61 1.23 0.00	28.95 1.25 0.00	34.13 1.50 0.00	36.27 1.57 0.00	51.89 2.29 0.00	41.59 1.77 0.00	35.51 1.51 0.00	27.18 1.13 0.00	26.57 0.95 0.00	24.86 0.87 0.00	24.06 0.85 0.00	24.40 0.93 0.00	28.61 1.08 0.00	29.69 1.03 0.00	28.60 1.19 0.00	29.87 1.37 0.00	30.61 1.36 0.00	31.48 1.28 0.00	28.42 1.22 0.00	24.26 1.09 0.00	24.41 1.05 0.00	24.62 1.10 -1.72
CRICKET__VALLEY_CC1 323756	29.26 1.80 0.00	29.91 1.62 0.00	27.85 1.47 0.00	29.15 1.45 0.00	34.36 1.73 0.00	36.56 1.85 0.00	52.49 2.90 0.00	42.32 2.51 0.00	36.25 2.25 0.00	28.39 1.83 -0.52	27.27 1.66 0.00	27.08 1.49 -1.61	25.44 1.41 -0.81	25.18 1.40 -0.31	29.17 1.64 0.00	30.27 1.62 0.00	29.18 1.77 0.00	30.49 1.99 0.00	31.27 2.02 0.00	32.08 1.88 0.00	28.89 1.69 0.00	24.62 1.45 0.00	24.70 1.33 0.00	24.58 1.31 -1.47
CRICKET__VALLEY_CC2 323757	29.26 1.80 0.00	29.91 1.62 0.00	27.85 1.47 0.00	29.15 1.45 0.00	34.36 1.73 0.00	36.56 1.85 0.00	52.49 2.90 0.00	42.32 2.51 0.00	36.25 2.25 0.00	28.39 1.83 -0.52	27.27 1.66 0.00	27.08 1.49 -1.61	25.44 1.41 -0.81	25.18 1.40 -0.31	29.17 1.64 0.00	30.27 1.62 0.00	29.18 1.77 0.00	30.49 1.99 0.00	31.27 2.02 0.00	32.08 1.88 0.00	28.89 1.69 0.00	24.62 1.45 0.00	24.70 1.33 0.00	24.58 1.31 -1.47
CRICKET__VALLEY_CC3 323758	29.26 1.80 0.00	29.91 1.62 0.00	27.85 1.47 0.00	29.15 1.45 0.00	34.36 1.73 0.00	36.56 1.85 0.00	52.49 2.90 0.00	42.32 2.51 0.00	36.25 2.25 0.00	28.39 1.83 -0.52	27.27 1.66 0.00	27.08 1.49 -1.61	25.44 1.41 -0.81	25.18 1.40 -0.31	29.17 1.64 0.00	30.27 1.62 0.00	29.18 1.77 0.00	30.49 1.99 0.00	31.27 2.02 0.00	32.08 1.88 0.00	28.89 1.69 0.00	24.62 1.45 0.00	24.70 1.33 0.00	24.58 1.31 -1.47
CRUCIBLE__METL_DRP 24180	27.05 -0.41 0.00	27.93 -0.36 0.00	25.97 -0.41 0.00	27.31 -0.39 0.00	32.24 -0.39 0.00	34.33 -0.37 0.00	49.10 -0.50 0.00	39.40 -0.42 0.00	33.52 -0.48 0.00	25.61 -0.43 0.00	25.19 -0.42 0.00	23.63 -0.36 0.00	22.84 -0.36 0.00	23.05 -0.42 0.00	27.07 -0.46 0.00	28.23 -0.42 0.00	26.97 -0.44 0.00	28.13 -0.37 0.00	28.89 -0.37 0.00	29.75 -0.45 0.00	26.79 -0.42 0.00	22.74 -0.43 0.00	22.81 -0.56 0.00	21.48 -0.49 -0.17
DAHOWA__HYDRO 323763	28.87 1.41 0.00	29.59 1.30 0.00	27.58 1.20 0.00	28.93 1.24 0.00	34.13 1.50 0.00	36.40 1.70 0.00	52.29 2.69 0.00	41.94 2.13 0.00	35.59 1.59 0.00	27.11 1.06 0.00	26.48 0.86 0.00	24.74 0.76 0.00	24.02 0.81 0.00	24.40 0.93 0.00	28.78 1.25 0.00	29.89 1.23 0.00	28.87 1.47 0.00	30.16 1.66 0.00	30.90 1.64 0.00	31.72 1.53 0.00	28.60 1.39 0.00	24.42 1.24 0.00	24.54 1.17 0.00	24.70 1.15 -1.75
DANC__LFGE 323619	26.83 -0.64 0.00	27.82 -0.47 0.00	25.98 -0.40 0.00	27.44 -0.26 0.00	32.41 -0.22 0.00	34.54 -0.16 0.00	49.65 0.05 0.00	39.89 0.08 0.00	33.67 -0.33 0.00	25.49 -0.55 0.00	25.11 -0.51 0.00	23.65 -0.34 0.00	22.76 -0.45 0.00	23.04 -0.43 0.00	26.96 -0.56 0.00	28.02 -0.64 0.00	26.48 -0.92 0.00	27.65 -0.85 0.00	28.56 -0.69 0.00	29.25 -0.95 0.00	26.19 -1.01 0.00	22.24 -0.94 0.00	22.30 -1.07 0.00	20.92 -0.99 -0.11
DANSKAMMER__1 23586	29.52 2.06 0.00	30.18 1.89 0.00	28.10 1.72 0.00	29.43 1.74 0.00	34.73 2.11 0.00	37.00 2.30 0.00	53.13 3.54 0.00	42.79 2.98 0.00	36.62 2.62 0.00	28.14 2.10 0.00	27.52 1.90 0.00	25.71 1.72 0.00	24.84 1.63 0.00	25.09 1.63 0.00	29.50 1.98 0.00	30.71 2.05 0.00	29.52 2.11 0.00	30.87 2.37 0.00	31.67 2.41 0.00	32.52 2.32 0.00	29.27 2.07 0.00	24.91 1.74 0.00	24.96 1.59 0.00	24.71 1.52 -1.39
DANSKAMMER__2 23589	29.52 2.06 0.00	30.18 1.89 0.00	28.10 1.72 0.00	29.43 1.74 0.00	34.73 2.11 0.00	37.00 2.30 0.00	53.13 3.54 0.00	42.79 2.98 0.00	36.62 2.62 0.00	28.14 2.10 0.00	27.52 1.90 0.00	25.71 1.72 0.00	24.84 1.63 0.00	25.09 1.63 0.00	29.50 1.98 0.00	30.71 2.05 0.00	29.52 2.11 0.00	30.87 2.37 0.00	31.67 2.41 0.00	32.52 2.32 0.00	29.27 2.07 0.00	24.91 1.74 0.00	24.96 1.59 0.00	24.71 1.52 -1.39
DANSKAMMER__3 23590	29.52 2.06 0.00	30.18 1.89 0.00	28.10 1.72 0.00	29.43 1.74 0.00	34.73 2.11 0.00	37.00 2.30 0.00	53.13 3.54 0.00	42.79 2.98 0.00	36.62 2.62 0.00	28.14 2.10 0.00	27.52 1.90 0.00	25.71 1.72 0.00	24.84 1.63 0.00	25.09 1.63 0.00	29.50 1.98 0.00	30.71 2.05 0.00	29.52 2.11 0.00	30.87 2.37 0.00	31.67 2.41 0.00	32.52 2.32 0.00	29.27 2.07 0.00	24.91 1.74 0.00	24.96 1.59 0.00	24.71 1.52 -1.39

DANSKAMMER___4 23591	29.52 2.06 0.00	30.18 1.89 0.00	28.10 1.72 0.00	29.43 1.74 0.00	34.73 2.11 0.00	37.00 2.30 0.00	53.13 3.54 0.00	42.79 2.98 0.00	36.62 2.62 0.00	28.14 2.10 0.00	27.52 1.90 0.00	25.71 1.72 0.00	24.84 1.63 0.00	25.09 1.63 0.00	29.50 1.98 0.00	30.71 2.05 0.00	29.52 2.11 0.00	30.87 2.37 0.00	31.67 2.41 0.00	32.52 2.32 0.00	29.27 2.07 0.00	24.91 1.74 0.00	24.96 1.59 0.00	24.71 1.52 -1.39
DANSKAMMER___DIESEL 23592	29.52 2.06 0.00	30.18 1.89 0.00	28.10 1.72 0.00	29.43 1.73 0.00	34.73 2.11 0.00	37.00 2.30 0.00	53.13 3.54 0.00	42.79 2.98 0.00	36.62 2.62 0.00	28.14 2.10 0.00	27.52 1.90 0.00	25.71 1.72 0.00	24.84 1.63 0.00	25.09 1.63 0.00	29.50 1.98 0.00	30.71 2.05 0.00	29.51 2.10 0.00	30.87 2.37 0.00	31.67 2.41 0.00	32.52 2.32 0.00	29.27 2.07 0.00	24.91 1.74 0.00	24.96 1.59 0.00	24.71 1.52 -1.39
DARBY___SOLAR 323810	28.85 1.38 0.00	29.57 1.28 0.00	27.56 1.18 0.00	28.91 1.22 0.00	34.10 1.47 0.00	36.35 1.64 0.00	52.18 2.58 0.00	41.83 2.02 0.00	35.53 1.53 0.00	27.08 1.04 0.00	26.45 0.83 0.00	24.72 0.73 0.00	23.98 0.77 0.00	24.38 0.91 0.00	28.71 1.19 0.00	29.83 1.18 0.00	28.81 1.40 0.00	30.09 1.59 0.00	30.82 1.57 0.00	31.65 1.46 0.00	28.54 1.34 0.00	24.37 1.19 0.00	24.49 1.13 0.00	24.66 1.12 -1.74
DASHVILLE___HYD 23610	29.27 1.80 0.00	29.91 1.62 0.00	27.84 1.46 0.00	29.16 1.46 0.00	34.41 1.78 0.00	36.66 1.96 0.00	52.65 3.05 0.00	42.47 2.66 0.00	36.41 2.41 0.00	28.03 1.98 0.00	27.40 1.79 0.00	25.57 1.58 0.00	24.68 1.47 0.00	24.91 1.45 0.00	29.31 1.79 0.00	30.49 1.84 0.00	29.30 1.89 0.00	30.53 2.03 0.00	31.33 2.07 0.00	32.14 1.95 0.00	28.94 1.74 0.00	24.63 1.46 0.00	24.67 1.31 0.00	24.41 1.18 -1.43
DEERFIELD_69_KV_DEERFIELD LD 355887	30.93 3.47 0.00	31.63 3.35 0.00	29.41 3.03 0.00	30.83 3.13 0.00	36.37 3.74 0.00	38.88 4.18 0.00	55.41 5.82 0.00	44.70 4.89 0.00	38.47 4.47 0.00	31.13 3.64 -1.46	29.86 3.27 -0.97	40.84 3.05 -13.81	28.30 2.82 -2.28	29.37 2.83 -3.07	37.75 3.40 -6.82	46.49 3.60 -14.23	30.83 3.43 0.00	32.91 3.83 -0.58	32.91 3.65 0.00	34.02 3.83 0.00	30.61 3.40 0.00	26.06 2.88 0.00	28.21 2.80 -2.05	29.57 2.64 -5.13
DELAWARE___LFGE 323621	28.43 0.97 0.00	29.28 0.99 0.00	27.29 0.91 0.00	28.68 0.98 0.00	33.87 1.24 0.00	36.07 1.36 0.00	51.69 2.10 0.00	41.48 1.67 0.00	35.41 1.40 0.00	27.13 1.09 0.00	26.64 1.03 0.00	24.94 0.95 0.00	24.09 0.89 0.00	24.32 0.85 0.00	28.50 0.97 0.00	29.65 0.99 0.00	28.35 0.95 0.00	29.60 1.10 0.00	30.39 1.13 0.00	31.28 1.08 0.00	28.16 0.96 0.00	23.96 0.78 0.00	24.06 0.69 0.00	23.06 0.65 -0.61
DERFIELD_115KV_TB7 355931	27.75 0.28 0.00	28.54 0.26 0.00	26.62 0.24 0.00	27.94 0.25 0.00	32.93 0.30 0.00	35.05 0.34 0.00	50.14 0.54 0.00	40.25 0.44 0.00	34.37 0.37 0.00	26.32 0.28 0.00	25.84 0.23 0.00	24.18 0.19 0.00	23.40 0.19 0.00	23.67 0.20 0.00	27.75 0.22 0.00	28.86 0.20 0.00	27.63 0.22 0.00	28.79 0.29 0.00	29.54 0.28 0.00	30.44 0.24 0.00	27.43 0.23 0.00	23.37 0.19 0.00	23.53 0.16 0.00	21.98 0.18 0.00
DOGLEVILLE___HYD 23807	28.20 0.74 0.00	28.92 0.63 0.00	27.00 0.62 0.00	28.37 0.67 0.00	33.61 0.98 0.00	35.89 1.19 0.00	51.54 1.95 0.00	41.30 1.48 0.00	35.00 1.00 0.00	26.64 0.60 0.00	25.94 0.32 0.00	24.24 0.25 0.00	23.55 0.34 0.00	23.91 0.44 0.00	27.98 0.45 0.00	28.89 0.23 0.00	27.74 0.34 0.00	29.13 0.63 0.00	29.97 0.71 0.00	30.87 0.68 0.00	27.98 0.77 0.00	23.93 0.75 0.00	23.92 0.55 0.00	22.32 0.52 0.00
DUNKIRK___115KV_TB_200 55889	26.48 -0.98 0.00	27.81 -0.48 0.00	25.71 -0.68 0.00	27.27 -0.43 0.00	32.10 -0.52 0.00	34.03 -0.68 0.00	48.32 -1.28 0.00	38.56 -1.25 0.00	32.61 -1.39 0.00	24.87 -1.18 0.00	24.43 -1.19 0.00	22.86 -1.13 0.00	21.88 -1.33 0.00	22.02 -1.45 0.00	26.01 -1.51 0.00	27.19 -1.47 0.00	25.52 -1.89 0.00	26.61 -1.89 0.00	27.30 -1.95 0.00	27.94 -2.26 0.00	24.99 -2.21 0.00	21.17 -2.01 0.00	21.11 -2.26 0.00	20.03 -2.01 -0.24
DUNKIRK___1 23563	26.48 -0.98 0.00	27.81 -0.48 0.00	25.71 -0.68 0.00	27.27 -0.43 0.00	32.10 -0.52 0.00	34.03 -0.68 0.00	48.32 -1.28 0.00	38.56 -1.25 0.00	32.61 -1.39 0.00	24.87 -1.18 0.00	24.43 -1.19 0.00	22.86 -1.13 0.00	21.88 -1.33 0.00	22.02 -1.45 0.00	26.01 -1.51 0.00	27.19 -1.47 0.00	25.52 -1.89 0.00	26.61 -1.89 0.00	27.30 -1.95 0.00	27.94 -2.26 0.00	24.99 -2.21 0.00	21.17 -2.01 0.00	21.11 -2.26 0.00	20.03 -2.01 -0.24
DUNKIRK___2 23564	26.48 -0.98 0.00	27.81 -0.48 0.00	25.71 -0.68 0.00	27.27 -0.43 0.00	32.10 -0.52 0.00	34.03 -0.68 0.00	48.32 -1.28 0.00	38.56 -1.25 0.00	32.61 -1.39 0.00	24.87 -1.18 0.00	24.43 -1.19 0.00	22.86 -1.13 0.00	21.88 -1.33 0.00	22.02 -1.45 0.00	26.01 -1.51 0.00	27.19 -1.47 0.00	25.52 -1.89 0.00	26.61 -1.89 0.00	27.30 -1.95 0.00	27.94 -2.26 0.00	24.99 -2.21 0.00	21.17 -2.01 0.00	21.11 -2.26 0.00	20.03 -2.01 -0.24
DUNKIRK___3 23565	26.36 -1.11 0.00	27.66 -0.63 0.00	25.56 -0.82 0.00	27.11 -0.59 0.00	31.92 -0.71 0.00	33.78 -0.93 0.00	47.92 -1.68 0.00	38.21 -1.61 0.00	32.40 -1.60 0.00	24.76 -1.29 0.00	24.35 -1.26 0.00	22.84 -1.14 0.00	21.89 -1.32 0.00	22.05 -1.42 0.00	26.03 -1.49 0.00	27.18 -1.48 0.00	25.55 -1.86 0.00	26.58 -1.92 0.00	27.29 -1.97 0.00	27.90 -2.30 0.00	24.95 -2.25 0.00	21.13 -2.05 0.00	21.07 -2.30 0.00	19.99 -2.05 -0.24
DUNKIRK___4 23566	26.36 -1.11 0.00	27.66 -0.63 0.00	25.56 -0.82 0.00	27.11 -0.59 0.00	31.92 -0.71 0.00	33.78 -0.93 0.00	47.92 -1.68 0.00	38.21 -1.61 0.00	32.40 -1.60 0.00	24.76 -1.29 0.00	24.35 -1.26 0.00	22.84 -1.14 0.00	21.89 -1.32 0.00	22.05 -1.42 0.00	26.03 -1.49 0.00	27.18 -1.48 0.00	25.55 -1.86 0.00	26.58 -1.92 0.00	27.29 -1.97 0.00	27.90 -2.30 0.00	24.95 -2.25 0.00	21.13 -2.05 0.00	21.07 -2.30 0.00	19.99 -2.05 -0.24
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.49 2.02 0.00	30.12 1.83 0.00	28.05 1.66 0.00	29.35 1.65 0.00	34.63 2.00 0.00	36.88 2.17 0.00	52.88 3.28 0.00	42.61 2.80 0.00	36.60 2.60 0.00	29.64 2.18 -1.42	27.61 1.99 0.00	30.22 1.80 -4.44	27.17 1.71 -2.25	26.04 1.70 -0.86	29.56 2.04 0.00	30.73 2.07 0.00	29.48 2.07 0.00	30.81 2.31 0.00	31.60 2.35 0.00	32.44 2.24 0.00	29.21 2.01 0.00	24.88 1.70 0.00	24.92 1.55 0.00	24.69 1.49 -1.40
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.22 1.75 0.00	29.86 1.58 0.00	27.82 1.44 0.00	29.14 1.44 0.00	34.38 1.76 0.00	36.64 1.93 0.00	52.60 3.00 0.00	42.33 2.52 0.00	36.24 2.24 0.00	27.32 1.81 0.53	27.24 1.62 0.00	23.81 1.46 1.64	23.74 1.36 0.82	24.50 1.35 0.31	29.18 1.65 0.00	30.39 1.73 0.00	29.19 1.78 0.00	30.53 2.02 0.00	31.32 2.06 0.00	32.16 1.96 0.00	28.96 1.76 0.00	24.66 1.49 0.00	24.72 1.36 0.00	24.44 1.29 -1.35

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.54 2.08 0.00	30.12 1.84 0.00	28.06 1.68 0.00	29.29 1.59 0.00	34.62 1.99 0.00	36.84 2.14 0.00	52.90 3.30 0.00	42.69 2.88 0.00	36.73 2.73 0.00	30.46 2.25 -2.17	27.69 2.08 0.01	30.28 1.88 -4.42	27.24 1.79 -2.24	26.05 1.72 -0.86	29.63 2.11 0.00	30.76 2.11 0.00	29.50 2.09 0.00	30.85 2.35 0.00	31.66 2.40 0.00	32.47 2.27 0.00	29.25 2.05 0.00	24.90 1.72 0.00	24.91 1.55 0.00	24.69 1.48 -1.40
E179THST_13_KV_LOAD 356214	29.67 2.21 0.00	30.25 1.96 0.00	28.17 1.79 0.00	29.40 1.71 0.00	34.74 2.12 0.00	36.99 2.28 0.00	53.12 3.52 0.00	42.88 3.07 0.00	36.90 2.90 0.00	30.59 2.38 -2.17	27.82 2.21 0.01	30.40 2.00 -4.42	27.35 1.90 -2.24	26.17 1.84 -0.86	29.77 2.24 0.00	30.91 2.25 0.00	29.64 2.23 0.00	31.00 2.50 0.00	31.81 2.55 0.00	32.63 2.43 0.00	29.39 2.18 0.00	25.02 1.84 0.00	25.02 1.66 0.00	24.78 1.57 -1.40
EAST HAMPTON___GT 23717	31.29 3.82 0.00	32.00 3.71 0.00	29.75 3.37 0.00	31.20 3.50 0.00	36.80 4.17 0.00	39.36 4.65 0.00	56.13 6.53 0.00	45.28 5.47 0.00	38.94 4.94 0.00	31.48 3.99 -1.46	30.18 3.59 -0.97	41.12 3.33 -13.81	28.56 3.08 -2.28	29.63 3.09 -3.07	38.07 3.71 -6.82	46.83 3.94 -14.23	31.19 3.78 0.00	33.32 4.23 -0.58	33.33 4.07 0.00	34.45 4.25 0.00	30.97 3.77 0.00	26.35 3.18 0.00	28.49 3.08 -2.05	29.82 2.89 -5.13
EAST RIVER___6 23660	29.55 2.09 0.00	30.15 1.86 0.00	28.08 1.70 0.00	29.35 1.65 0.00	34.65 2.02 0.00	36.88 2.18 0.00	52.95 3.35 0.00	42.73 2.92 0.00	36.79 2.79 0.00	30.57 2.39 -2.14	27.80 2.19 0.00	30.41 1.98 -4.44	27.36 1.89 -2.26	26.22 1.89 -0.87	29.78 2.25 0.00	30.94 2.28 0.00	29.66 2.25 0.00	30.99 2.49 0.00	31.79 2.53 0.00	32.59 2.40 0.00	29.35 2.15 0.00	24.98 1.81 0.00	24.99 1.62 0.00	24.74 1.53 -1.40
EAST RIVER___7 23524	29.55 2.09 0.00	30.15 1.86 0.00	28.08 1.70 0.00	29.35 1.65 0.00	34.65 2.02 0.00	36.88 2.18 0.00	52.95 3.35 0.00	42.73 2.92 0.00	36.79 2.79 0.00	30.57 2.39 -2.14	27.80 2.19 0.00	30.41 1.98 -4.44	27.36 1.89 -2.26	26.22 1.89 -0.87	29.78 2.25 0.00	30.94 2.28 0.00	29.66 2.25 0.00	30.99 2.49 0.00	31.79 2.53 0.00	32.59 2.40 0.00	29.35 2.15 0.00	24.98 1.81 0.00	24.99 1.62 0.00	24.74 1.53 -1.40
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.42 1.96 0.00	30.05 1.77 0.00	27.98 1.60 0.00	29.29 1.59 0.00	34.57 1.94 0.00	36.81 2.10 0.00	52.78 3.18 0.00	42.53 2.72 0.00	36.52 2.52 0.00	29.69 2.10 -1.54	27.53 1.91 0.00	30.47 1.73 -4.75	27.26 1.64 -2.41	26.03 1.63 -0.93	29.48 1.96 0.00	30.64 1.99 0.00	29.41 2.00 0.00	30.73 2.23 0.00	31.53 2.27 0.00	32.36 2.17 0.00	29.15 1.94 0.00	24.82 1.65 0.00	24.87 1.50 0.00	24.64 1.44 -1.40
EAST_HAMPTON___DIESEL 23722	31.29 3.82 0.00	32.00 3.71 0.00	29.75 3.37 0.00	31.20 3.50 0.00	36.80 4.17 0.00	39.36 4.65 0.00	56.13 6.53 0.00	45.28 5.47 0.00	38.94 4.94 0.00	31.48 3.99 -1.46	30.18 3.59 -0.97	41.12 3.33 -13.81	28.56 3.08 -2.28	29.63 3.09 -3.07	38.07 3.71 -6.82	46.83 3.94 -14.23	31.19 3.78 0.00	33.32 4.23 -0.58	33.33 4.07 0.00	34.45 4.25 0.00	30.97 3.77 0.00	26.35 3.18 0.00	28.49 3.08 -2.05	29.82 2.89 -5.13
EAST_PULASKI___ESR 323781	26.72 -0.74 0.00	27.63 -0.66 0.00	25.75 -0.64 0.00	27.13 -0.57 0.00	31.98 -0.65 0.00	34.04 -0.66 0.00	48.84 -0.76 0.00	39.21 -0.60 0.00	33.27 -0.73 0.00	25.32 -0.72 0.00	24.93 -0.69 0.00	23.45 -0.53 0.00	22.63 -0.58 0.00	22.89 -0.58 0.00	26.83 -0.70 0.00	27.94 -0.72 0.00	26.55 -0.86 0.00	27.71 -0.79 0.00	28.53 -0.73 0.00	29.31 -0.88 0.00	26.32 -0.88 0.00	22.36 -0.81 0.00	22.43 -0.93 0.00	21.08 -0.85 -0.12
EAST_RIVER___1 323558	29.55 2.09 0.00	30.17 1.89 0.00	28.09 1.71 0.00	29.36 1.66 0.00	34.67 2.04 0.00	36.90 2.19 0.00	52.96 3.36 0.00	42.72 2.91 0.00	36.77 2.77 0.00	30.55 2.36 -2.14	27.78 2.16 0.00	30.38 1.95 -4.44	27.33 1.87 -2.26	26.19 1.86 -0.87	29.75 2.23 0.00	30.91 2.25 0.00	29.62 2.21 0.00	30.94 2.45 0.00	31.75 2.50 0.00	32.57 2.38 0.00	29.34 2.14 0.00	24.97 1.80 0.00	24.98 1.61 0.00	24.74 1.54 -1.40
EAST_RIVER___2 323559	29.55 2.09 0.00	30.15 1.86 0.00	28.08 1.70 0.00	29.35 1.65 0.00	34.65 2.02 0.00	36.88 2.18 0.00	52.95 3.35 0.00	42.73 2.92 0.00	36.79 2.79 0.00	30.57 2.39 -2.14	27.80 2.19 0.00	30.41 1.98 -4.44	27.36 1.89 -2.26	26.22 1.89 -0.87	29.78 2.25 0.00	30.94 2.28 0.00	29.66 2.25 0.00	30.99 2.49 0.00	31.79 2.53 0.00	32.59 2.40 0.00	29.35 2.15 0.00	24.98 1.81 0.00	24.99 1.62 0.00	24.74 1.53 -1.40
EAST___DELAWARE_HYD 23607	28.78 1.31 0.00	29.41 1.12 0.00	27.39 1.02 0.00	28.71 1.01 0.00	33.89 1.26 0.00	36.16 1.46 0.00	52.02 2.42 0.00	41.94 2.12 0.00	35.82 1.82 0.00	27.04 1.40 0.40	26.79 1.17 0.00	23.60 0.87 1.25	22.81 0.23 0.63	23.41 0.18 0.24	27.93 0.40 0.00	29.19 0.54 0.00	28.13 0.72 0.00	29.43 0.93 0.00	30.23 0.97 0.00	31.13 0.94 0.00	28.65 1.45 0.00	24.36 1.18 0.00	24.39 1.02 0.00	23.97 0.93 -1.25
EIGHT_POINT___WT_PWR 323820	27.41 -0.05 0.00	28.94 0.65 0.00	26.98 0.59 0.00	28.59 0.89 0.00	33.63 1.00 0.00	36.02 1.31 0.00	51.85 2.25 0.00	41.75 1.93 0.00	35.23 1.24 0.00	26.65 0.61 0.00	26.15 0.53 0.00	24.36 0.37 0.00	22.72 -0.49 0.00	22.58 -0.88 0.00	26.12 -1.40 0.00	27.26 -1.40 0.00	25.90 -1.51 0.00	27.06 -1.44 0.00	27.93 -1.33 0.00	28.74 -1.45 0.00	26.02 -1.18 0.00	21.99 -1.19 0.00	22.22 -1.15 0.00	21.31 -0.81 -0.33
ELBRIDGE_115KV_TB2 80188	26.93 -0.53 0.00	27.82 -0.47 0.00	25.87 -0.51 0.00	27.19 -0.51 0.00	32.11 -0.52 0.00	34.20 -0.51 0.00	48.87 -0.73 0.00	39.19 -0.62 0.00	33.36 -0.64 0.00	25.50 -0.54 0.00	25.08 -0.53 0.00	23.53 -0.45 0.00	22.73 -0.47 0.00	22.93 -0.54 0.00	26.94 -0.59 0.00	28.09 -0.57 0.00	26.82 -0.59 0.00	27.98 -0.53 0.00	28.73 -0.53 0.00	29.57 -0.62 0.00	26.64 -0.56 0.00	22.63 -0.55 0.00	22.70 -0.67 0.00	21.38 -0.59 -0.18
ELEC_TRO_TEK 24086	29.82 2.36 0.00	30.48 2.19 0.00	28.35 1.96 0.00	29.68 1.98 0.00	35.01 2.38 0.00	37.32 2.61 0.00	53.27 3.67 0.00	43.04 3.23 0.00	37.00 3.01 0.00	30.00 2.50 -1.46	28.93 2.33 -0.97	39.96 2.17 -13.81	27.52 2.04 -2.28	28.59 2.05 -3.07	36.80 2.45 -6.82	45.39 2.50 -14.23	29.86 2.45 0.00	31.83 2.74 -0.58	31.95 2.69 0.00	32.87 2.67 0.00	29.56 2.36 0.00	25.15 1.97 0.00	27.26 1.85 -2.05	28.73 1.80 -5.13
ELLENBURG_WT_PWR 323604	26.89 -0.57 0.00	27.80 -0.48 0.00	26.23 -0.15 0.00	27.72 0.03 0.00	32.75 0.12 0.00	34.83 0.12 0.00	49.58 -0.02 0.00	39.81 0.00 0.00	34.25 0.25 0.00	26.23 0.19 0.00	25.90 0.28 0.00	24.24 0.26 0.00	23.53 0.32 0.00	23.84 0.37 0.00	28.01 0.49 0.00	29.17 0.52 0.00	27.65 0.24 0.00	28.41 -0.09 0.00	29.14 -0.12 0.00	30.41 0.22 0.00	27.24 0.03 0.00	23.17 0.00 0.00	23.44 0.08 0.00	21.93 0.13 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.98 -1.48 0.00	27.29 -1.00 0.00	25.18 -1.20 0.00	26.69 -1.01 0.00	31.47 -1.16 0.00	33.22 -1.48 0.00	46.98 -2.62 0.00	37.36 -2.45 0.00	31.81 -2.19 0.00	24.35 -1.69 0.00	24.00 -1.61 0.00	22.61 -1.38 0.00	21.70 -1.51 0.00	21.90 -1.57 0.00	25.81 -1.72 0.00	26.90 -1.75 0.00	25.37 -2.03 0.00	26.33 -2.17 0.00	27.06 -2.20 0.00	27.61 -2.58 0.00	24.68 -2.52 0.00	20.88 -2.29 0.00	20.76 -2.61 0.00	19.70 -2.33 -0.22
EMPIRE_CC_1 323656	28.84 1.38 0.00	29.54 1.25 0.00	27.55 1.17 0.00	28.86 1.17 0.00	34.03 1.40 0.00	36.14 1.44 0.00	51.49 1.90 0.00	41.10 1.28 0.00	35.18 1.18 0.00	27.04 0.99 0.00	26.42 0.81 0.00	24.73 0.74 0.00	23.93 0.72 0.00	24.22 0.75 0.00	28.20 0.68 0.00	29.27 0.61 0.00	28.20 0.79 0.00	29.47 0.97 0.00	30.22 0.96 0.00	31.14 0.95 0.00	28.13 0.93 0.00	24.07 0.89 0.00	24.26 0.89 0.00	24.45 1.01 -1.64
EMPIRE_CC_2 323658	28.84 1.38 0.00	29.54 1.25 0.00	27.55 1.17 0.00	28.86 1.17 0.00	34.03 1.40 0.00	36.14 1.44 0.00	51.49 1.90 0.00	41.10 1.28 0.00	35.18 1.18 0.00	27.04 0.99 0.00	26.42 0.81 0.00	24.73 0.74 0.00	23.93 0.72 0.00	24.22 0.75 0.00	28.20 0.68 0.00	29.27 0.61 0.00	28.20 0.79 0.00	29.47 0.97 0.00	30.22 0.96 0.00	31.14 0.95 0.00	28.13 0.93 0.00	24.07 0.89 0.00	24.26 0.89 0.00	24.45 1.01 -1.64
ENORWICH_115KV_TB1 80156	28.88 1.42 0.00	30.40 2.11 0.00	28.25 1.86 0.00	29.99 2.29 0.00	35.61 2.99 0.00	38.01 3.31 0.00	54.88 5.28 0.00	44.29 4.48 0.00	37.33 3.33 0.00	28.26 2.22 0.00	27.72 2.10 0.00	25.92 1.94 0.00	25.18 1.97 0.00	25.20 1.73 0.00	29.29 1.76 0.00	30.58 1.93 0.00	28.88 1.47 0.00	30.26 1.76 0.00	31.08 1.82 0.00	32.00 1.80 0.00	28.79 1.59 0.00	24.31 1.13 0.00	24.29 0.93 0.00	23.15 0.89 -0.45
ERIE_ST__34_KV_TB1-2 80199	26.58 -0.89 0.00	27.89 -0.40 0.00	25.75 -0.64 0.00	27.28 -0.42 0.00	32.16 -0.47 0.00	33.92 -0.79 0.00	48.08 -1.52 0.00	38.31 -1.50 0.00	32.64 -1.36 0.00	25.01 -1.03 0.00	24.66 -0.95 0.00	23.27 -0.72 0.00	22.32 -0.89 0.00	22.53 -0.94 0.00	26.53 -1.00 0.00	27.66 -0.99 0.00	26.08 -1.32 0.00	27.05 -1.45 0.00	27.78 -1.48 0.00	28.36 -1.84 0.00	25.37 -1.83 0.00	21.47 -1.71 0.00	21.35 -2.02 0.00	20.25 -1.78 -0.23
ERIE_WT_PWR 323693	26.21 -1.25 0.00	27.52 -0.77 0.00	25.39 -0.99 0.00	26.92 -0.78 0.00	31.74 -0.89 0.00	33.50 -1.21 0.00	47.42 -2.18 0.00	37.72 -2.09 0.00	32.11 -1.89 0.00	24.58 -1.46 0.00	24.23 -1.39 0.00	22.83 -1.16 0.00	21.89 -1.32 0.00	22.09 -1.38 0.00	26.04 -1.49 0.00	27.12 -1.54 0.00	25.54 -1.86 0.00	26.52 -1.98 0.00	27.24 -2.01 0.00	27.80 -2.39 0.00	24.84 -2.37 0.00	21.03 -2.15 0.00	20.88 -2.49 0.00	19.81 -2.23 -0.23
ESPRGFLD_115KV_TB1 80157	28.40 0.94 0.00	29.36 1.07 0.00	27.46 1.07 0.00	28.91 1.22 0.00	34.24 1.61 0.00	36.56 1.85 0.00	52.34 2.75 0.00	42.19 2.37 0.00	35.89 1.88 0.00	27.40 1.36 0.00	27.02 1.40 0.00	25.28 1.30 0.00	24.41 1.21 0.00	24.66 1.19 0.00	28.83 1.30 0.00	30.00 1.35 0.00	28.66 1.25 0.00	29.80 1.29 0.00	30.65 1.40 0.00	31.66 1.46 0.00	28.45 1.24 0.00	24.18 1.01 0.00	24.25 0.89 0.00	22.39 0.56 -0.03
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.80 0.34 0.00	28.80 0.51 0.00	26.77 0.39 0.00	28.20 0.50 0.00	33.27 0.64 0.00	35.49 0.78 0.00	50.87 1.28 0.00	40.87 1.06 0.00	34.68 0.68 0.00	26.40 0.36 0.00	25.94 0.33 0.00	24.32 0.33 0.00	23.53 0.32 0.00	23.66 0.19 0.00	27.85 0.32 0.00	29.11 0.45 0.00	27.76 0.35 0.00	28.99 0.49 0.00	29.79 0.53 0.00	30.67 0.47 0.00	27.59 0.39 0.00	23.40 0.22 0.00	23.42 0.06 0.00	22.21 0.07 -0.34
ETNA____115KV_TB2 80207	27.80 0.34 0.00	28.80 0.51 0.00	26.77 0.39 0.00	28.20 0.50 0.00	33.27 0.64 0.00	35.49 0.78 0.00	50.87 1.28 0.00	40.87 1.06 0.00	34.68 0.68 0.00	26.40 0.36 0.00	25.94 0.33 0.00	24.32 0.33 0.00	23.53 0.32 0.00	23.66 0.19 0.00	27.85 0.32 0.00	29.11 0.45 0.00	27.76 0.35 0.00	28.99 0.49 0.00	29.79 0.53 0.00	30.67 0.47 0.00	27.59 0.39 0.00	23.40 0.22 0.00	23.42 0.06 0.00	22.21 0.07 -0.34
EUCLID__115KV_TB2 356179	26.64 -0.82 0.00	27.52 -0.77 0.00	25.60 -0.79 0.00	26.93 -0.77 0.00	31.75 -0.88 0.00	33.80 -0.91 0.00	48.35 -1.25 0.00	38.79 -1.03 0.00	33.04 -0.96 0.00	25.27 -0.77 0.00	24.86 -0.76 0.00	23.32 -0.67 0.00	22.54 -0.67 0.00	22.76 -0.70 0.00	26.72 -0.80 0.00	27.84 -0.81 0.00	26.58 -0.82 0.00	27.72 -0.78 0.00	28.46 -0.80 0.00	29.32 -0.87 0.00	26.39 -0.81 0.00	22.42 -0.75 0.00	22.49 -0.88 0.00	21.18 -0.77 -0.15
E_CANADA_CAP_HY 24051	28.49 1.03 0.00	29.45 1.17 0.00	27.53 1.14 0.00	29.00 1.30 0.00	34.30 1.67 0.00	36.62 1.91 0.00	52.18 2.59 0.00	42.08 2.27 0.00	35.74 1.74 0.00	27.22 1.17 0.00	26.86 1.25 0.00	25.12 1.13 0.00	24.25 1.04 0.00	24.63 1.16 0.00	28.81 1.28 0.00	29.92 1.26 0.00	28.69 1.29 0.00	29.83 1.32 0.00	30.69 1.43 0.00	31.75 1.56 0.00	28.53 1.32 0.00	24.33 1.16 0.00	24.44 1.07 0.00	24.50 0.68 -2.02
E_CANADA_MHWK_HY 24050	28.20 0.74 0.00	28.92 0.63 0.00	27.00 0.62 0.00	28.37 0.67 0.00	33.61 0.98 0.00	35.89 1.19 0.00	51.54 1.95 0.00	41.30 1.48 0.00	35.00 1.00 0.00	26.64 0.60 0.00	25.94 0.32 0.00	24.24 0.25 0.00	23.55 0.34 0.00	23.91 0.44 0.00	27.98 0.45 0.00	28.89 0.23 0.00	27.74 0.34 0.00	29.13 0.63 0.00	29.97 0.71 0.00	30.87 0.68 0.00	27.98 0.77 0.00	23.93 0.75 0.00	23.92 0.55 0.00	22.32 0.52 0.00
E_FISHKILL__LBMP 23776	29.25 1.79 0.00	29.90 1.61 0.00	27.85 1.47 0.00	29.15 1.46 0.00	34.39 1.76 0.00	36.61 1.91 0.00	52.51 2.91 0.00	42.28 2.47 0.00	36.27 2.27 0.00	28.35 1.87 -0.43	27.31 1.69 0.00	26.86 1.53 -1.35	25.33 1.44 -0.68	25.17 1.44 -0.26	29.24 1.72 0.00	30.39 1.74 0.00	29.19 1.79 0.00	30.51 2.01 0.00	31.30 2.04 0.00	32.13 1.94 0.00	28.94 1.74 0.00	24.65 1.48 0.00	24.72 1.36 0.00	24.54 1.31 -1.42
FALCON__SEABRD_CC1 323796	27.22 -0.24 0.00	28.17 -0.12 0.00	26.58 0.20 0.00	28.10 0.40 0.00	33.21 0.58 0.00	35.33 0.62 0.00	50.39 0.79 0.00	40.44 0.63 0.00	34.82 0.82 0.00	26.63 0.59 0.00	26.24 0.62 0.00	24.56 0.57 0.00	23.86 0.66 0.00	24.20 0.73 0.00	28.48 0.95 0.00	29.64 0.98 0.00	28.11 0.70 0.00	28.82 0.32 0.00	29.57 0.32 0.00	30.88 0.68 0.00	27.70 0.49 0.00	23.56 0.38 0.00	23.80 0.44 0.00	22.27 0.47 0.00
FALCON__SEABRD_CC2 323797	27.22 -0.24 0.00	28.17 -0.12 0.00	26.58 0.20 0.00	28.10 0.40 0.00	33.21 0.58 0.00	35.33 0.62 0.00	50.39 0.79 0.00	40.44 0.63 0.00	34.82 0.82 0.00	26.63 0.59 0.00	26.24 0.62 0.00	24.56 0.57 0.00	23.86 0.66 0.00	24.20 0.73 0.00	28.48 0.95 0.00	29.64 0.98 0.00	28.11 0.70 0.00	28.82 0.32 0.00	29.57 0.32 0.00	30.88 0.68 0.00	27.70 0.49 0.00	23.56 0.38 0.00	23.80 0.44 0.00	22.27 0.47 0.00

FAR ROCKAWAY___4 23548	30.33 2.87 0.00	31.01 2.72 0.00	28.71 2.33 0.00	30.02 2.32 0.00	35.42 2.79 0.00	37.76 3.05 0.00	53.74 4.14 0.00	43.27 3.46 0.00	37.46 3.47 0.00	30.34 2.84 -1.46	29.24 2.65 -0.97	40.27 2.47 -13.81	27.83 2.34 -2.28	28.89 2.36 -3.07	37.18 2.83 -6.82	45.78 2.89 -14.23	30.26 2.85 0.00	32.26 3.17 -0.58	32.41 3.15 0.00	33.32 3.13 0.00	29.97 2.77 0.00	25.47 2.30 0.00	27.57 2.16 -2.05	29.00 2.07 -5.13
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.58 2.12 0.00	30.19 1.91 0.00	28.12 1.73 0.00	29.38 1.69 0.00	34.70 2.07 0.00	36.93 2.22 0.00	53.00 3.41 0.00	42.74 2.93 0.00	36.79 2.79 0.00	30.58 2.37 -2.17	27.79 2.17 0.00	30.38 1.96 -4.44	27.34 1.88 -2.26	26.20 1.87 -0.86	29.75 2.23 0.00	30.92 2.26 0.00	29.63 2.22 0.00	30.97 2.47 0.00	31.77 2.52 0.00	32.59 2.40 0.00	29.35 2.15 0.00	24.99 1.82 0.00	25.00 1.63 0.00	24.76 1.55 -1.40
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.61 2.15 0.00	30.22 1.93 0.00	28.14 1.75 0.00	29.41 1.71 0.00	34.73 2.10 0.00	36.96 2.25 0.00	53.03 3.43 0.00	42.78 2.97 0.00	36.81 2.81 0.00	30.60 2.39 -2.17	27.81 2.19 0.00	30.40 1.98 -4.44	27.35 1.89 -2.26	26.21 1.88 -0.86	29.78 2.25 0.00	30.94 2.28 0.00	29.65 2.24 0.00	30.99 2.48 0.00	31.80 2.54 0.00	32.62 2.42 0.00	29.38 2.17 0.00	25.01 1.83 0.00	25.02 1.65 0.00	24.77 1.57 -1.40
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.57 2.11 0.00	30.18 1.89 0.00	28.11 1.72 0.00	29.38 1.68 0.00	34.69 2.06 0.00	36.91 2.21 0.00	52.97 3.37 0.00	42.73 2.92 0.00	36.77 2.77 0.00	30.57 2.36 -2.17	27.78 2.16 0.00	30.38 1.95 -4.44	27.33 1.87 -2.26	26.19 1.86 -0.86	29.75 2.23 0.00	30.91 2.25 0.00	29.62 2.21 0.00	30.95 2.45 0.00	31.76 2.50 0.00	32.57 2.38 0.00	29.34 2.14 0.00	24.98 1.80 0.00	24.99 1.63 0.00	24.74 1.54 -1.40
FARRAGUT___LBMP 323566	29.55 2.09 0.00	30.17 1.88 0.00	28.09 1.71 0.00	29.36 1.66 0.00	34.66 2.03 0.00	36.89 2.18 0.00	52.93 3.33 0.00	42.70 2.88 0.00	36.73 2.74 0.00	30.54 2.34 -2.17	27.75 2.14 0.00	30.35 1.93 -4.44	27.30 1.84 -2.26	26.17 1.83 -0.86	29.72 2.20 0.00	30.88 2.22 0.00	29.59 2.18 0.00	30.92 2.42 0.00	31.73 2.47 0.00	32.54 2.35 0.00	29.32 2.12 0.00	24.96 1.78 0.00	24.97 1.61 0.00	24.73 1.52 -1.40
FENNER___WINDPWR 24204	27.88 0.42 0.00	28.82 0.53 0.00	26.86 0.47 0.00	28.28 0.58 0.00	33.38 0.75 0.00	35.60 0.90 0.00	51.11 1.52 0.00	41.03 1.22 0.00	34.84 0.84 0.00	26.54 0.50 0.00	26.10 0.48 0.00	24.42 0.44 0.00	23.69 0.48 0.00	23.88 0.41 0.00	27.96 0.44 0.00	29.16 0.50 0.00	27.81 0.41 0.00	29.04 0.54 0.00	29.78 0.52 0.00	30.65 0.46 0.00	27.57 0.37 0.00	23.42 0.24 0.00	23.48 0.11 0.00	22.10 0.12 -0.19
FIBERTEK___ENERGY 23856	27.05 -0.41 0.00	27.93 -0.36 0.00	25.97 -0.41 0.00	27.31 -0.39 0.00	32.24 -0.39 0.00	34.33 -0.37 0.00	49.10 -0.50 0.00	39.40 -0.42 0.00	33.52 -0.48 0.00	25.61 -0.43 0.00	25.19 -0.42 0.00	23.63 -0.36 0.00	22.84 -0.36 0.00	23.05 -0.42 0.00	27.07 -0.46 0.00	28.23 -0.42 0.00	26.97 -0.44 0.00	28.13 -0.37 0.00	28.89 -0.37 0.00	29.75 -0.45 0.00	26.79 -0.42 0.00	22.74 -0.43 0.00	22.81 -0.56 0.00	21.48 -0.49 -0.17
FITZPATRICK___ 23598	26.34 -1.13 0.00	27.17 -1.12 0.00	25.30 -1.08 0.00	26.60 -1.10 0.00	31.36 -1.27 0.00	33.37 -1.34 0.00	47.71 -1.89 0.00	38.27 -1.54 0.00	32.62 -1.38 0.00	24.96 -1.08 0.00	24.55 -1.07 0.00	23.02 -0.96 0.00	22.26 -0.95 0.00	22.49 -0.98 0.00	26.39 -1.14 0.00	27.49 -1.17 0.00	26.26 -1.15 0.00	27.37 -1.13 0.00	28.09 -1.17 0.00	28.94 -1.26 0.00	26.05 -1.15 0.00	22.15 -1.03 0.00	22.24 -1.12 0.00	20.91 -1.00 -0.11
FLOWRFLD_69_KV_BK1 356044	30.19 2.73 0.00	30.87 2.58 0.00	28.70 2.32 0.00	30.06 2.36 0.00	35.45 2.82 0.00	37.87 3.16 0.00	53.98 4.39 0.00	43.60 3.78 0.00	37.50 3.50 0.00	30.42 2.92 -1.46	29.26 2.67 -0.97	40.32 2.52 -13.81	27.78 2.30 -2.28	28.85 2.31 -3.07	37.16 2.81 -6.82	45.85 2.96 -14.23	30.21 2.80 0.00	32.20 3.12 -0.58	32.32 3.06 0.00	33.38 3.19 0.00	29.94 2.73 0.00	25.45 2.27 0.00	27.60 2.19 -2.05	29.05 2.12 -5.13
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.59 2.13 0.00	30.24 1.96 0.00	28.16 1.78 0.00	29.49 1.80 0.00	34.80 2.17 0.00	37.09 2.38 0.00	53.26 3.66 0.00	42.93 3.12 0.00	37.05 3.05 0.00	28.48 2.44 0.00	27.85 2.23 0.00	25.92 1.94 0.00	24.91 1.70 0.00	25.16 1.69 0.00	29.58 2.05 0.00	30.78 2.12 0.00	29.58 2.18 0.00	30.94 2.44 0.00	31.75 2.50 0.00	32.59 2.39 0.00	29.34 2.14 0.00	24.97 1.79 0.00	25.01 1.65 0.00	24.76 1.56 -1.40
FORT ORANGE___ 23900	28.79 1.33 0.00	29.50 1.21 0.00	27.52 1.14 0.00	28.83 1.14 0.00	33.99 1.36 0.00	36.15 1.45 0.00	51.53 1.94 0.00	41.10 1.29 0.00	35.11 1.10 0.00	26.81 0.77 0.00	26.09 0.47 0.00	24.44 0.46 0.00	23.69 0.48 0.00	23.99 0.52 0.00	28.03 0.50 0.00	29.17 0.51 0.00	28.13 0.73 0.00	29.41 0.91 0.00	30.15 0.90 0.00	31.14 0.95 0.00	28.08 0.88 0.00	23.95 0.78 0.00	24.11 0.75 0.00	24.65 1.16 -1.69
FORT_DRUM_COGEN 23780	27.17 -0.29 0.00	28.23 -0.06 0.00	26.41 0.03 0.00	27.94 0.24 0.00	33.07 0.43 0.00	35.30 0.60 0.00	50.87 1.27 0.00	40.91 1.09 0.00	34.31 0.31 0.00	25.78 -0.26 0.00	25.42 -0.20 0.00	23.97 -0.02 0.00	23.02 -0.19 0.00	23.35 -0.11 0.00	27.36 -0.17 0.00	28.41 -0.24 0.00	26.79 -0.62 0.00	28.00 -0.51 0.00	28.99 -0.27 0.00	29.67 -0.52 0.00	26.49 -0.72 0.00	22.45 -0.73 0.00	22.51 -0.86 0.00	21.08 -0.80 -0.08
FOX_HILLS___ESR 323835	29.71 2.24 0.00	30.31 2.02 0.00	28.22 1.84 0.00	29.49 1.79 0.00	34.85 2.21 0.00	37.07 2.37 0.00	53.14 3.54 0.00	42.85 3.04 0.00	36.97 2.96 0.00	30.74 2.45 -2.26	27.89 2.27 0.00	29.51 2.04 -3.49	27.43 1.97 -2.26	26.25 1.91 -0.86	29.85 2.31 -0.02	31.00 2.33 -0.02	29.68 2.27 0.00	31.04 2.53 -0.01	31.85 2.57 -0.02	230.84 2.44 -198.21	102.33 2.20 -72.92	33.40 1.87 -8.35	25.05 1.69 0.00	24.80 1.60 -1.40
FPL_FAR_ROCK_GT1 24212	30.33 2.87 0.00	31.01 2.72 0.00	28.71 2.33 0.00	30.02 2.32 0.00	35.42 2.79 0.00	37.76 3.05 0.00	53.74 4.14 0.00	43.27 3.45 0.00	37.47 3.47 0.00	30.33 2.83 -1.46	29.24 2.65 -0.97	40.27 2.47 -13.81	27.82 2.34 -2.28	28.89 2.36 -3.07	37.18 2.83 -6.82	45.78 2.89 -14.23	30.26 2.85 0.00	32.25 3.17 -0.58	32.41 3.15 0.00	33.32 3.13 0.00	29.97 2.77 0.00	25.47 2.30 0.00	27.57 2.15 -2.05	29.00 2.07 -5.13
FPL_FAR_ROCK_GT2 23815	30.33 2.87 0.00	31.01 2.72 0.00	28.71 2.33 0.00	30.02 2.32 0.00	35.42 2.79 0.00	37.76 3.05 0.00	53.74 4.14 0.00	43.27 3.45 0.00	37.47 3.47 0.00	30.33 2.83 -1.46	29.24 2.65 -0.97	40.27 2.47 -13.81	27.82 2.34 -2.28	28.89 2.36 -3.07	37.18 2.83 -6.82	45.78 2.89 -14.23	30.26 2.85 0.00	32.25 3.17 -0.58	32.41 3.15 0.00	33.32 3.13 0.00	29.97 2.77 0.00	25.47 2.30 0.00	27.57 2.15 -2.05	29.00 2.07 -5.13

FRANKLIN_FALL_HYD 24054	27.31 -0.16 0.00	28.25 -0.03 0.00	26.61 0.22 0.00	28.08 0.38 0.00	33.12 0.48 0.00	35.20 0.49 0.00	50.17 0.58 0.00	40.35 0.53 0.00	34.54 0.54 0.00	26.40 0.36 0.00	26.05 0.43 0.00	24.39 0.40 0.00	23.63 0.43 0.00	23.97 0.50 0.00	28.14 0.62 0.00	29.37 0.71 0.00	27.85 0.44 0.00	28.70 0.20 0.00	29.50 0.25 0.00	30.75 0.55 0.00	27.55 0.35 0.00	23.43 0.26 0.00	23.72 0.35 0.00	22.12 0.32 0.00
FREEPORT_EQUS_GT1 23764	29.99 2.52 0.00	30.64 2.36 0.00	28.49 2.11 0.00	29.83 2.13 0.00	35.19 2.56 0.00	37.52 2.81 0.00	53.37 3.77 0.00	43.24 3.42 0.00	37.21 3.21 0.00	30.17 2.67 -1.46	29.07 2.48 -0.97	40.11 2.32 -13.81	27.66 2.18 -2.28	28.74 2.20 -3.07	36.97 2.62 -6.82	45.58 2.69 -14.23	30.03 2.63 0.00	32.02 2.94 -0.58	32.16 2.90 0.00	33.08 2.89 0.00	29.75 2.55 0.00	25.30 2.13 0.00	27.43 2.01 -2.05	28.87 1.94 -5.13
FREEPORT___CT2 23818	29.99 2.52 0.00	30.64 2.36 0.00	28.49 2.11 0.00	29.83 2.13 0.00	35.19 2.56 0.00	37.52 2.81 0.00	53.37 3.77 0.00	43.24 3.42 0.00	37.21 3.21 0.00	30.17 2.67 -1.46	29.07 2.48 -0.97	40.11 2.32 -13.81	27.66 2.18 -2.28	28.74 2.20 -3.07	36.97 2.62 -6.82	45.58 2.69 -14.23	30.03 2.63 0.00	32.02 2.94 -0.58	32.16 2.90 0.00	33.08 2.89 0.00	29.75 2.55 0.00	25.30 2.13 0.00	27.43 2.01 -2.05	28.87 1.94 -5.13
FRESHKLS_33_KV_LOAD 356253	29.66 2.20 0.00	30.26 1.98 0.00	28.18 1.79 0.00	29.44 1.75 0.00	34.81 2.18 0.00	37.02 2.31 0.00	53.09 3.49 0.00	42.79 2.98 0.00	36.90 2.90 0.00	30.67 2.37 -2.26	27.81 2.20 0.00	28.64 1.96 -2.70	27.35 1.89 -2.26	26.16 1.83 -0.86	29.76 2.22 -0.02	30.91 2.24 -0.02	29.61 2.21 0.00	30.98 2.47 -0.01	31.79 2.51 -0.02	222.05 2.38 -189.48	102.26 2.14 -72.92	33.35 1.82 -8.35	25.01 1.64 0.00	24.78 1.57 -1.40
FULTON COGEN____ 23766	26.60 -0.86 0.00	27.45 -0.84 0.00	25.54 -0.84 0.00	26.87 -0.83 0.00	31.69 -0.94 0.00	33.73 -0.97 0.00	48.30 -1.30 0.00	38.74 -1.08 0.00	32.97 -1.03 0.00	25.19 -0.85 0.00	24.77 -0.85 0.00	23.25 -0.73 0.00	22.49 -0.72 0.00	22.71 -0.75 0.00	26.66 -0.86 0.00	27.80 -0.86 0.00	26.56 -0.85 0.00	27.70 -0.80 0.00	28.45 -0.81 0.00	29.28 -0.92 0.00	26.34 -0.86 0.00	22.37 -0.81 0.00	22.43 -0.94 0.00	21.09 -0.85 -0.14
FULTON___LFGE 323630	30.07 2.61 0.00	31.01 2.72 0.00	28.94 2.56 0.00	30.45 2.76 0.00	36.02 3.39 0.00	38.54 3.83 0.00	55.33 5.74 0.00	44.56 4.75 0.00	37.23 3.23 0.00	27.61 1.57 0.00	26.77 1.15 0.00	24.92 0.93 0.00	24.06 0.85 0.00	25.16 1.69 0.00	29.57 2.04 0.00	30.50 1.84 0.00	30.26 2.85 0.00	31.85 3.35 0.00	32.74 3.48 0.00	33.77 3.58 0.00	30.30 3.10 0.00	25.71 2.53 0.00	25.71 2.35 0.00	25.66 1.93 -1.93
G.F.CEMENT___DRP 24184	28.71 1.25 0.00	29.40 1.11 0.00	27.42 1.04 0.00	28.77 1.07 0.00	33.94 1.32 0.00	36.28 1.57 0.00	52.22 2.63 0.00	41.89 2.08 0.00	35.52 1.51 0.00	27.04 0.99 0.00	26.41 0.79 0.00	24.67 0.69 0.00	23.97 0.76 0.00	24.35 0.88 0.00	28.79 1.27 0.00	29.87 1.21 0.00	28.91 1.50 0.00	30.17 1.67 0.00	30.87 1.62 0.00	31.67 1.47 0.00	28.52 1.32 0.00	24.38 1.20 0.00	24.50 1.13 0.00	24.64 1.09 -1.75
GARDENVILLE___LBMP 24039	26.11 -1.35 0.00	27.42 -0.86 0.00	25.31 -1.07 0.00	26.82 -0.87 0.00	31.62 -1.01 0.00	33.39 -1.32 0.00	47.24 -2.35 0.00	37.58 -2.24 0.00	31.98 -2.02 0.00	24.47 -1.57 0.00	24.12 -1.50 0.00	22.71 -1.27 0.00	21.79 -1.42 0.00	21.98 -1.48 0.00	25.90 -1.63 0.00	27.00 -1.65 0.00	25.45 -1.95 0.00	26.41 -2.09 0.00	27.14 -2.12 0.00	27.69 -2.50 0.00	24.76 -2.45 0.00	20.95 -2.22 0.00	20.83 -2.54 0.00	19.76 -2.27 -0.23
GARDNVLA_35_KV_LD 355827	26.20 -1.27 0.00	27.52 -0.77 0.00	25.40 -0.99 0.00	26.92 -0.78 0.00	31.74 -0.89 0.00	33.50 -1.21 0.00	47.41 -2.19 0.00	37.73 -2.08 0.00	32.13 -1.87 0.00	24.58 -1.46 0.00	24.23 -1.38 0.00	22.83 -1.16 0.00	21.90 -1.31 0.00	22.11 -1.36 0.00	26.04 -1.49 0.00	27.14 -1.52 0.00	25.59 -1.82 0.00	26.54 -1.97 0.00	27.28 -1.98 0.00	27.84 -2.35 0.00	24.88 -2.32 0.00	21.04 -2.13 0.00	20.90 -2.47 0.00	19.82 -2.21 -0.23
GELCKHM___115KV_LOAD 80723	26.81 -0.66 0.00	27.69 -0.60 0.00	25.74 -0.64 0.00	27.07 -0.62 0.00	31.94 -0.69 0.00	34.01 -0.70 0.00	48.64 -0.96 0.00	39.02 -0.79 0.00	33.24 -0.77 0.00	25.44 -0.60 0.00	25.03 -0.58 0.00	23.49 -0.50 0.00	22.70 -0.50 0.00	22.91 -0.56 0.00	26.89 -0.63 0.00	28.00 -0.66 0.00	26.74 -0.66 0.00	27.89 -0.62 0.00	28.63 -0.63 0.00	29.49 -0.71 0.00	26.54 -0.66 0.00	22.55 -0.63 0.00	22.61 -0.76 0.00	21.30 -0.66 -0.15
GENERAL___MILLS 23808	26.17 -1.29 0.00	27.49 -0.80 0.00	25.37 -1.01 0.00	26.89 -0.81 0.00	31.71 -0.92 0.00	33.47 -1.23 0.00	47.36 -2.24 0.00	37.68 -2.13 0.00	32.08 -1.92 0.00	24.56 -1.49 0.00	24.20 -1.42 0.00	22.80 -1.19 0.00	21.87 -1.34 0.00	22.07 -1.40 0.00	26.01 -1.52 0.00	27.11 -1.55 0.00	25.55 -1.86 0.00	26.50 -2.01 0.00	27.23 -2.02 0.00	27.79 -2.41 0.00	24.84 -2.36 0.00	21.02 -2.16 0.00	20.88 -2.49 0.00	19.81 -2.22 -0.23
GE_PLASTICS___DRP 24183	28.69 1.23 0.00	29.42 1.13 0.00	27.43 1.05 0.00	28.75 1.06 0.00	33.90 1.27 0.00	36.05 1.35 0.00	51.47 1.87 0.00	41.15 1.34 0.00	35.17 1.17 0.00	26.93 0.89 0.00	26.29 0.67 0.00	24.63 0.64 0.00	23.84 0.63 0.00	24.12 0.65 0.00	28.23 0.71 0.00	29.35 0.69 0.00	28.24 0.83 0.00	29.50 1.00 0.00	30.25 0.99 0.00	31.18 0.98 0.00	28.11 0.91 0.00	23.97 0.79 0.00	24.13 0.76 0.00	24.43 0.94 -1.69
GILBOA___1 23756	28.51 1.05 0.00	29.26 0.97 0.00	27.26 0.88 0.00	28.59 0.89 0.00	33.71 1.08 0.00	35.87 1.17 0.00	51.33 1.74 0.00	41.17 1.36 0.00	35.24 1.24 0.00	27.05 1.01 0.00	26.50 0.88 0.00	24.79 0.81 0.00	23.96 0.75 0.00	24.23 0.76 0.00	28.42 0.89 0.00	29.55 0.89 0.00	28.35 0.94 0.00	29.59 1.09 0.00	30.37 1.11 0.00	31.24 1.04 0.00	28.15 0.95 0.00	23.98 0.81 0.00	24.10 0.73 0.00	23.90 0.75 -1.34
GILBOA___2 23757	28.51 1.05 0.00	29.26 0.97 0.00	27.26 0.88 0.00	28.59 0.89 0.00	33.71 1.08 0.00	35.87 1.17 0.00	51.33 1.74 0.00	41.17 1.36 0.00	35.24 1.24 0.00	27.05 1.01 0.00	26.50 0.88 0.00	24.79 0.81 0.00	23.96 0.75 0.00	24.23 0.76 0.00	28.42 0.89 0.00	29.55 0.89 0.00	28.35 0.94 0.00	29.59 1.09 0.00	30.37 1.11 0.00	31.24 1.04 0.00	28.15 0.95 0.00	23.98 0.81 0.00	24.10 0.73 0.00	23.90 0.75 -1.34
GILBOA___3 23758	28.51 1.05 0.00	29.26 0.97 0.00	27.26 0.88 0.00	28.59 0.89 0.00	33.71 1.08 0.00	35.87 1.17 0.00	51.33 1.74 0.00	41.17 1.36 0.00	35.24 1.24 0.00	27.05 1.01 0.00	26.50 0.88 0.00	24.79 0.81 0.00	23.96 0.75 0.00	24.23 0.76 0.00	28.42 0.89 0.00	29.55 0.89 0.00	28.35 0.94 0.00	29.59 1.09 0.00	30.37 1.11 0.00	31.24 1.04 0.00	28.15 0.95 0.00	23.98 0.81 0.00	24.10 0.73 0.00	23.90 0.75 -1.34

GILBOA___4 23759	28.51 1.05 0.00	29.26 0.97 0.00	27.26 0.88 0.00	28.59 0.89 0.00	33.71 1.08 0.00	35.87 1.17 0.00	51.33 1.74 0.00	41.17 1.36 0.00	35.24 1.24 0.00	27.05 1.01 0.00	26.50 0.88 0.00	24.79 0.81 0.00	23.96 0.75 0.00	24.23 0.76 0.00	28.42 0.89 0.00	29.55 0.89 0.00	28.35 0.94 0.00	29.59 1.09 0.00	30.37 1.11 0.00	31.24 1.04 0.00	28.15 0.95 0.00	23.98 0.81 0.00	24.10 0.73 0.00	23.90 0.75 -1.34
GILBOA____ 23599	28.51 1.05 0.00	29.25 0.97 0.00	27.26 0.88 0.00	28.59 0.89 0.00	33.71 1.08 0.00	35.87 1.17 0.00	51.33 1.74 0.00	41.17 1.35 0.00	35.24 1.24 0.00	27.05 1.01 0.00	26.50 0.88 0.00	24.79 0.81 0.00	23.96 0.76 0.00	24.22 0.76 0.00	28.42 0.89 0.00	29.55 0.89 0.00	28.35 0.94 0.00	29.60 1.10 0.00	30.37 1.11 0.00	31.24 1.04 0.00	28.15 0.95 0.00	23.98 0.81 0.00	24.10 0.73 0.00	23.90 0.75 -1.34
GINNA____ 23603	25.32 -2.14 0.00	26.32 -1.97 0.00	24.40 -1.99 0.00	25.74 -1.96 0.00	30.38 -2.25 0.00	32.28 -2.42 0.00	46.07 -3.53 0.00	36.84 -2.97 0.00	31.32 -2.68 0.00	23.99 -2.05 0.00	23.66 -1.96 0.00	22.26 -1.73 0.00	21.45 -1.76 0.00	21.69 -1.78 0.00	25.52 -2.00 0.00	26.61 -2.05 0.00	25.30 -2.11 0.00	26.35 -2.16 0.00	27.06 -2.20 0.00	27.72 -2.48 0.00	24.85 -2.35 0.00	21.05 -2.13 0.00	20.99 -2.38 0.00	19.81 -2.18 -0.19
GLEN PARK____ 23778	27.26 -0.20 0.00	28.31 0.02 0.00	26.48 0.10 0.00	28.02 0.32 0.00	33.16 0.53 0.00	35.42 0.71 0.00	51.09 1.49 0.00	41.09 1.28 0.00	34.40 0.40 0.00	25.77 -0.27 0.00	25.46 -0.15 0.00	24.01 0.02 0.00	23.03 -0.18 0.00	23.42 -0.05 0.00	27.48 -0.05 0.00	28.55 -0.11 0.00	26.93 -0.48 0.00	28.17 -0.33 0.00	29.18 -0.07 0.00	29.88 -0.31 0.00	26.65 -0.55 0.00	22.59 -0.59 0.00	22.61 -0.76 0.00	21.17 -0.72 -0.09
GLENDALE_27_KV_LOAD 356172	29.76 2.30 0.00	30.36 2.07 0.00	28.28 1.90 0.00	29.53 1.83 0.00	34.88 2.25 0.00	37.14 2.43 0.00	53.29 3.69 0.00	43.02 3.20 0.00	37.04 3.05 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.26	26.35 2.01 -0.86	29.95 2.43 0.00	31.09 2.44 0.00	29.79 2.39 0.00	31.13 2.62 0.00	31.95 2.69 0.00	32.76 2.57 0.00	29.51 2.30 0.00	25.11 1.93 0.00	25.11 1.75 0.00	24.85 1.64 -1.40
GLENWOOD_IC_1_G5 23712	29.98 2.52 0.00	30.64 2.35 0.00	28.50 2.11 0.00	29.84 2.14 0.00	35.20 2.57 0.00	37.53 2.83 0.00	53.58 3.98 0.00	43.09 3.28 0.00	36.98 2.99 0.00	30.00 2.50 -1.46	29.11 2.52 -0.97	40.14 2.34 -13.81	27.69 2.21 -2.28	28.76 2.65 -3.07	37.00 2.65 -6.82	45.58 2.69 -14.23	29.85 2.44 0.00	31.82 2.73 -0.58	31.95 2.69 0.00	32.85 2.65 0.00	29.55 2.35 0.00	25.13 1.96 0.00	27.25 1.84 -2.05	28.86 1.93 -5.13
GLENWOOD_IC_2_G1 23688	29.90 2.44 0.00	30.56 2.28 0.00	28.42 2.04 0.00	29.76 2.06 0.00	35.11 2.48 0.00	37.43 2.72 0.00	53.44 3.84 0.00	43.12 3.31 0.00	37.07 3.07 0.00	30.06 2.56 -1.46	29.01 2.42 -0.97	40.05 2.25 -13.81	27.60 2.12 -2.28	28.67 2.14 -3.07	36.90 2.54 -6.82	45.49 2.60 -14.23	29.91 2.50 0.00	31.88 2.79 -0.58	32.02 2.76 0.00	32.92 2.72 0.00	29.62 2.41 0.00	25.19 2.02 0.00	27.31 1.89 -2.05	28.80 1.86 -5.13
GLENWOOD_IC_3_G1 23689	29.90 2.44 0.00	30.56 2.28 0.00	28.42 2.04 0.00	29.76 2.06 0.00	35.11 2.48 0.00	37.43 2.72 0.00	53.44 3.84 0.00	43.12 3.31 0.00	37.07 3.07 0.00	30.06 2.56 -1.46	29.01 2.42 -0.97	40.05 2.25 -13.81	27.60 2.12 -2.28	28.67 2.14 -3.07	36.90 2.54 -6.82	45.49 2.60 -14.23	29.91 2.50 0.00	31.88 2.79 -0.58	32.02 2.76 0.00	32.92 2.72 0.00	29.62 2.41 0.00	25.19 2.02 0.00	27.31 1.89 -2.05	28.80 1.86 -5.13
GLENWOOD___4 23550	29.98 2.52 0.00	30.64 2.35 0.00	28.50 2.11 0.00	29.84 2.14 0.00	35.20 2.57 0.00	37.53 2.83 0.00	53.59 3.99 0.00	43.16 3.35 0.00	37.07 3.07 0.00	30.06 2.57 -1.46	29.11 2.52 -0.97	40.14 2.34 -13.81	27.69 2.21 -2.28	28.76 2.22 -3.07	37.00 2.65 -6.82	45.59 2.70 -14.23	29.92 2.51 0.00	31.89 2.80 -0.58	32.02 2.76 0.00	32.93 2.74 0.00	29.61 2.41 0.00	25.19 2.01 0.00	27.31 1.90 -2.05	28.86 1.93 -5.13
GLENWOOD___5 23614	29.98 2.52 0.00	30.64 2.35 0.00	28.50 2.11 0.00	29.84 2.14 0.00	35.20 2.57 0.00	37.53 2.83 0.00	53.59 3.99 0.00	43.16 3.35 0.00	37.07 3.07 0.00	30.06 2.57 -1.46	29.11 2.52 -0.97	40.14 2.34 -13.81	27.69 2.21 -2.28	28.76 2.22 -3.07	37.00 2.65 -6.82	45.59 2.70 -14.23	29.92 2.51 0.00	31.89 2.80 -0.58	32.02 2.76 0.00	32.93 2.74 0.00	29.61 2.41 0.00	25.19 2.01 0.00	27.31 1.90 -2.05	28.86 1.93 -5.13
GLOBAL GREEN_PORT_GT1 23814	31.23 3.77 0.00	31.95 3.66 0.00	29.70 3.32 0.00	31.14 3.44 0.00	36.74 4.11 0.00	39.29 4.58 0.00	56.02 6.42 0.00	45.21 5.40 0.00	38.89 4.89 0.00	31.44 3.94 -1.46	30.13 3.54 -0.97	41.08 3.28 -13.81	28.52 3.03 -2.28	29.59 3.06 -3.07	38.02 3.67 -6.82	46.78 3.89 -14.23	31.15 3.74 0.00	33.26 4.18 -0.58	33.29 4.03 0.00	34.40 4.20 0.00	30.93 3.73 0.00	26.32 3.14 0.00	28.46 3.05 -2.05	29.78 2.85 -5.13
GLOBE___DSASP 323697	25.10 -2.37 0.00	26.40 -1.89 0.00	24.34 -2.04 0.00	25.80 -1.90 0.00	30.44 -2.19 0.00	32.10 -2.61 0.00	45.22 -4.38 0.00	35.70 -4.12 0.00	30.43 -3.57 0.00	23.30 -2.75 0.00	22.96 -2.65 0.00	21.68 -2.30 0.00	20.84 -2.36 0.00	21.07 -2.39 0.00	24.81 -2.71 0.00	25.87 -2.79 0.00	24.44 -2.97 0.00	25.34 -3.16 0.00	26.06 -3.20 0.00	26.57 -3.63 0.00	23.74 -3.46 0.00	20.09 -3.08 0.00	19.94 -3.43 0.00	18.96 -3.06 -0.22
GOETHSLN___LBMP 323567	29.39 1.93 0.00	29.98 1.69 0.00	27.91 1.53 0.00	29.18 1.48 0.00	34.47 1.84 0.00	36.68 1.97 0.00	52.63 3.04 0.00	42.43 2.62 0.00	36.52 2.52 0.00	29.40 2.16 -1.19	27.58 1.97 0.00	28.45 1.76 -2.70	27.17 1.71 -2.26	26.04 1.71 -0.86	29.57 2.04 0.00	30.72 2.06 0.00	29.43 2.02 0.00	30.76 2.26 0.00	31.57 2.31 0.00	32.38 2.18 0.00	29.18 1.97 0.00	24.85 1.67 0.00	24.87 1.50 0.00	24.64 1.43 -1.40
GOLAH___69_KV_TB 1_2 80279	26.57 -0.89 0.00	27.72 -0.57 0.00	25.64 -0.74 0.00	27.10 -0.60 0.00	31.99 -0.64 0.00	33.91 -0.79 0.00	48.29 -1.30 0.00	38.56 -1.25 0.00	32.77 -1.23 0.00	25.12 -0.92 0.00	24.79 -0.82 0.00	23.31 -0.67 0.00	22.41 -0.79 0.00	22.71 -0.76 0.00	26.73 -0.80 0.00	27.86 -0.80 0.00	26.43 -0.97 0.00	27.49 -1.01 0.00	28.25 -1.00 0.00	28.89 -1.30 0.00	25.87 -1.33 0.00	21.90 -1.27 0.00	21.80 -1.57 0.00	20.59 -1.40 -0.19
GOODYEAR_LAKE_HYD 323669	28.54 1.08 0.00	29.42 1.14 0.00	27.47 1.09 0.00	28.88 1.19 0.00	34.16 1.53 0.00	36.42 1.72 0.00	52.25 2.65 0.00	42.00 2.19 0.00	35.80 1.80 0.00	27.40 1.35 0.00	26.93 1.32 0.00	25.22 1.23 0.00	24.36 1.15 0.00	24.57 1.10 0.00	28.76 1.23 0.00	29.94 1.28 0.00	28.61 1.20 0.00	29.82 1.32 0.00	30.63 1.38 0.00	31.56 1.36 0.00	28.39 1.18 0.00	24.13 0.95 0.00	24.19 0.83 0.00	22.94 0.69 -0.45

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GOWANUS_GT2_5 24118	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT2_6 24119	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT2_7 24120	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT2_8 24121	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT3_1 24122	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT3_2 24123	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT3_3 24124	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT3_4 24125	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT3_5 24126	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT3_6 24127	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT3_7 24128	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT3_8 24129	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
GOWANUS_GT4_1 24130	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.26	26.35 2.02 -0.86	29.97 2.43 -0.02	31.13 2.45 -0.02	29.80 2.39 0.00	31.15 2.65 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.87 1.66 -1.40
GOWANUS_GT4_2 24131	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.26	26.35 2.02 -0.86	29.97 2.43 -0.02	31.13 2.45 -0.02	29.80 2.39 0.00	31.15 2.65 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.87 1.66 -1.40
GOWANUS_GT4_3 24132	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.26	26.35 2.02 -0.86	29.97 2.43 -0.02	31.13 2.45 -0.02	29.80 2.39 0.00	31.15 2.65 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.87 1.66 -1.40

GOWANUS_GT4_4 24133	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.26	26.35 2.02 -0.86	29.97 2.43 -0.02	31.13 2.45 -0.02	29.80 2.39 0.00	31.15 2.65 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.87 1.66 -1.40
GOWANUS_GT4_5 24134	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.26	26.35 2.02 -0.86	29.97 2.43 -0.02	31.13 2.45 -0.02	29.80 2.39 0.00	31.15 2.65 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.87 1.66 -1.40
GOWANUS_GT4_6 24135	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.26	26.35 2.02 -0.86	29.97 2.43 -0.02	31.13 2.45 -0.02	29.80 2.39 0.00	31.15 2.65 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.87 1.66 -1.40
GOWANUS_GT4_7 24136	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.26	26.35 2.02 -0.86	29.97 2.43 -0.02	31.13 2.45 -0.02	29.80 2.39 0.00	31.15 2.65 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.87 1.66 -1.40
GOWANUS_GT4_8 24137	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.02	26.35 2.02 -0.86	29.97 2.43 -0.02	31.13 2.45 -0.02	29.80 2.39 0.00	31.15 2.65 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.87 1.66 -1.40
GREENBSH_115KV_TB3 55895	28.78 1.32 0.00	29.48 1.19 0.00	27.50 1.12 0.00	28.81 1.11 0.00	33.96 1.33 0.00	36.11 1.41 0.00	51.48 1.89 0.00	41.05 1.24 0.00	35.10 1.10 0.00	26.85 0.81 0.00	26.14 0.52 0.00	24.51 0.52 0.00	23.75 0.54 0.00	24.04 0.57 0.00	28.06 0.53 0.00	29.17 0.51 0.00	28.11 0.70 0.00	29.37 0.87 0.00	30.11 0.85 0.00	31.07 0.87 0.00	28.02 0.82 0.00	23.92 0.74 0.00	24.09 0.72 0.00	24.53 1.03 -1.70
GREENDGE_115KV_TB5 80291	27.37 -0.09 0.00	28.51 0.22 0.00	26.50 0.12 0.00	27.97 0.27 0.00	32.74 0.11 0.00	35.04 0.33 0.00	50.16 0.56 0.00	40.28 0.46 0.00	34.08 0.08 0.00	26.07 0.03 0.00	25.71 0.10 0.00	24.16 0.17 0.00	23.08 -0.13 0.00	23.23 -0.23 0.00	27.21 -0.32 0.00	28.42 -0.24 0.00	27.11 -0.30 0.00	28.23 -0.27 0.00	29.05 -0.21 0.00	29.85 -0.35 0.00	26.89 -0.31 0.00	22.81 -0.37 0.00	22.82 -0.55 0.00	21.63 -0.48 -0.31
GREENIDGE___3 23582	27.37 -0.09 0.00	28.51 0.22 0.00	26.50 0.12 0.00	27.97 0.27 0.00	32.74 0.11 0.00	35.04 0.33 0.00	50.16 0.56 0.00	40.28 0.46 0.00	34.08 0.08 0.00	26.07 0.03 0.00	25.71 0.10 0.00	24.16 0.17 0.00	23.08 -0.13 0.00	23.23 -0.23 0.00	27.21 -0.32 0.00	28.42 -0.24 0.00	27.11 -0.30 0.00	28.23 -0.27 0.00	29.05 -0.21 0.00	29.85 -0.35 0.00	26.89 -0.31 0.00	22.81 -0.37 0.00	22.82 -0.55 0.00	21.63 -0.48 -0.31
GREENIDGE___4 23583	27.37 -0.09 0.00	28.51 0.22 0.00	26.51 0.13 0.00	27.96 0.26 0.00	32.74 0.12 0.00	35.05 0.34 0.00	50.15 0.56 0.00	40.28 0.46 0.00	34.09 0.08 0.00	26.07 0.03 0.00	25.71 0.09 0.00	24.16 0.17 0.00	23.08 -0.13 0.00	23.23 -0.23 0.00	27.21 -0.31 0.00	28.42 -0.24 0.00	27.11 -0.30 0.00	28.23 -0.27 0.00	29.05 -0.21 0.00	29.85 -0.34 0.00	26.89 -0.31 0.00	22.80 -0.37 0.00	22.81 -0.55 0.00	21.62 -0.48 -0.31
GREENLWN_69_KV_BK 3 55738	29.82 2.36 0.00	30.51 2.22 0.00	28.38 1.99 0.00	29.71 2.01 0.00	35.04 2.41 0.00	37.38 2.67 0.00	53.32 3.72 0.00	43.08 3.27 0.00	37.03 3.03 0.00	30.07 2.57 -1.46	28.96 2.37 -0.97	40.02 2.22 -13.81	27.55 2.07 -2.28	28.63 2.09 -3.07	36.85 2.50 -6.82	45.46 2.57 -14.23	29.92 2.52 0.00	31.90 2.81 -0.58	31.96 2.70 0.00	32.93 2.74 0.00	29.65 2.45 0.00	25.21 2.04 0.00	27.32 1.91 -2.05	28.77 1.84 -5.13
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.26	26.35 2.02 -0.86	29.97 2.43 -0.02	31.13 2.45 -0.02	29.80 2.39 0.00	31.15 2.65 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.87 1.66 -1.40
GRISSOM___SOLAR 323813	30.07 2.61 0.00	31.01 2.72 0.00	28.94 2.56 0.00	30.45 2.76 0.00	36.02 3.39 0.00	38.54 3.83 0.00	55.33 5.74 0.00	44.56 4.75 0.00	37.23 3.23 0.00	27.61 1.57 0.00	26.77 1.15 0.00	24.92 0.93 0.00	24.06 0.85 0.00	25.16 1.69 0.00	29.57 2.04 0.00	30.50 1.84 0.00	30.26 2.85 0.00	31.85 3.35 0.00	32.74 3.48 0.00	33.77 3.58 0.00	30.30 3.10 0.00	25.71 2.53 0.00	25.71 2.35 0.00	25.66 1.93 -1.93
GROVEVILLE___HYD 323602	29.59 2.13 0.00	30.24 1.96 0.00	28.16 1.78 0.00	29.49 1.80 0.00	34.80 2.17 0.00	37.09 2.38 0.00	53.26 3.66 0.00	42.93 3.12 0.00	37.05 3.05 0.00	28.48 2.44 0.00	27.85 2.23 0.00	25.92 1.94 0.00	24.91 1.70 0.00	25.16 1.69 0.00	29.58 2.05 0.00	30.78 2.12 0.00	29.58 2.18 0.00	30.94 2.44 0.00	31.75 2.50 0.00	32.59 2.39 0.00	29.34 2.14 0.00	24.97 1.79 0.00	25.01 1.65 0.00	24.76 1.56 -1.40
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.05 -0.41 0.00	27.93 -0.36 0.00	25.97 -0.41 0.00	27.31 -0.39 0.00	32.24 -0.39 0.00	34.33 -0.37 0.00	49.10 -0.50 0.00	39.40 -0.42 0.00	33.52 -0.48 0.00	25.61 -0.43 0.00	25.19 -0.42 0.00	23.63 -0.36 0.00	22.84 -0.36 0.00	23.05 -0.42 0.00	27.07 -0.46 0.00	28.23 -0.42 0.00	26.97 -0.44 0.00	28.13 -0.37 0.00	28.89 -0.37 0.00	29.75 -0.45 0.00	26.79 -0.42 0.00	22.74 -0.43 0.00	22.81 -0.56 0.00	21.48 -0.49 -0.17
HAMLTNNY_34_KV_TB 80303	27.18 -0.28 0.00	28.09 -0.20 0.00	26.11 -0.27 0.00	27.46 -0.24 0.00	32.42 -0.21 0.00	34.54 -0.17 0.00	49.39 -0.20 0.00	39.63 -0.18 0.00	33.71 -0.29 0.00	25.75 -0.29 0.00	25.33 -0.28 0.00	23.78 -0.20 0.00	22.96 -0.25 0.00	23.16 -0.30 0.00	27.15 -0.37 0.00	28.31 -0.35 0.00	27.03 -0.38 0.00	28.19 -0.31 0.00	28.95 -0.30 0.00	29.79 -0.40 0.00	26.83 -0.37 0.00	22.78 -0.40 0.00	22.83 -0.54 0.00	21.51 -0.47 -0.18

HAMPSHIRE___PAPER_HYD 323593	26.95 -0.51 0.00	27.93 -0.36 0.00	26.16 -0.23 0.00	27.60 -0.10 0.00	32.54 -0.09 0.00	34.58 -0.12 0.00	49.56 -0.03 0.00	39.88 0.06 0.00	33.74 -0.25 0.00	25.57 -0.47 0.00	25.22 -0.40 0.00	23.68 -0.31 0.00	22.85 -0.35 0.00	23.15 -0.32 0.00	27.09 -0.44 0.00	28.20 -0.45 0.00	26.72 -0.68 0.00	27.74 -0.76 0.00	28.59 -0.67 0.00	29.53 -0.67 0.00	26.46 -0.75 0.00	22.48 -0.70 0.00	22.78 -0.59 0.00	21.30 -0.55 -0.04
HARDSCRABBLE_WT_PWR 323673	27.86 0.39 0.00	28.61 0.32 0.00	26.75 0.37 0.00	28.14 0.44 0.00	33.41 0.78 0.00	35.73 1.02 0.00	51.31 1.72 0.00	41.15 1.33 0.00	34.94 0.94 0.00	26.64 0.60 0.00	26.00 0.38 0.00	24.31 0.32 0.00	23.59 0.38 0.00	23.92 0.46 0.00	27.95 0.42 0.00	28.79 0.13 0.00	27.56 0.15 0.00	28.83 0.33 0.00	29.71 0.45 0.00	30.67 0.47 0.00	27.83 0.63 0.00	23.78 0.60 0.00	23.76 0.39 0.00	22.04 0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.26 1.80 0.00	29.89 1.60 0.00	27.84 1.46 0.00	29.17 1.48 0.00	34.44 1.80 0.00	36.70 1.99 0.00	52.68 3.09 0.00	42.38 2.57 0.00	36.32 2.31 0.00	26.15 1.89 1.78	27.31 1.70 0.00	19.96 1.53 5.55	21.81 1.42 2.81	23.81 1.42 1.08	29.29 1.76 0.00	30.49 1.83 0.00	29.25 1.85 0.00	30.61 2.11 0.00	31.40 2.14 0.00	32.23 2.03 0.00	29.02 1.82 0.00	24.71 1.53 0.00	24.77 1.40 0.00	24.44 1.35 -1.29
HARSNRAD_115KV_TB1 81005	25.69 -1.78 0.00	27.00 -1.29 0.00	24.89 -1.49 0.00	26.39 -1.31 0.00	31.13 -1.50 0.00	32.87 -1.84 0.00	46.34 -3.25 0.00	36.76 -3.05 0.00	31.32 -2.68 0.00	23.99 -2.06 0.00	23.66 -1.96 0.00	22.30 -1.69 0.00	21.41 -1.79 0.00	21.65 -1.82 0.00	25.50 -2.03 0.00	26.58 -2.08 0.00	25.10 -2.31 0.00	26.04 -2.46 0.00	26.78 -2.48 0.00	27.28 -2.91 0.00	24.38 -2.82 0.00	20.63 -2.55 0.00	20.46 -2.91 0.00	19.42 -2.60 -0.21
HARZA MOOSE___RIVER 24016	27.82 0.36 0.00	28.78 0.49 0.00	26.91 0.52 0.00	28.38 0.68 0.00	33.54 0.91 0.00	35.77 1.06 0.00	51.44 1.84 0.00	41.33 1.51 0.00	34.98 0.98 0.00	26.54 0.50 0.00	26.09 0.47 0.00	24.46 0.47 0.00	23.63 0.42 0.00	23.87 0.40 0.00	27.93 0.40 0.00	29.00 0.34 0.00	27.54 0.13 0.00	28.73 0.23 0.00	29.56 0.30 0.00	30.43 0.23 0.00	27.27 0.07 0.00	23.12 -0.06 0.00	23.31 -0.05 0.00	21.85 0.00 -0.05
HDSNBRDG_115KV_BRDG_TB1 355580	26.76 -0.70 0.00	27.64 -0.65 0.00	25.71 -0.67 0.00	27.05 -0.65 0.00	31.89 -0.74 0.00	33.95 -0.76 0.00	48.59 -1.00 0.00	38.98 -0.83 0.00	33.20 -0.80 0.00	25.39 -0.65 0.00	24.98 -0.64 0.00	23.43 -0.56 0.00	22.65 -0.56 0.00	22.86 -0.61 0.00	26.84 -0.69 0.00	27.98 -0.67 0.00	26.72 -0.69 0.00	27.86 -0.64 0.00	28.60 -0.65 0.00	29.49 -0.70 0.00	26.55 -0.65 0.00	22.56 -0.62 0.00	22.61 -0.75 0.00	21.30 -0.66 -0.15
HELLGATE_13_KV_LD 55870	29.63 2.17 0.00	30.23 1.94 0.00	28.16 1.77 0.00	29.41 1.71 0.00	34.74 2.11 0.00	36.98 2.27 0.00	53.04 3.44 0.00	42.81 2.99 0.00	36.85 2.85 0.00	30.70 2.40 -2.26	27.85 2.23 0.00	30.44 2.02 -4.43	27.39 1.93 -2.26	26.20 1.87 -0.86	29.78 2.25 0.00	30.91 2.25 0.00	29.61 2.21 0.00	30.94 2.44 0.00	31.75 2.49 0.00	32.57 2.38 0.00	29.34 2.14 0.00	24.98 1.80 0.00	24.97 1.61 0.00	24.74 1.53 -1.40
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.63 2.17 0.00	30.23 1.94 0.00	28.16 1.77 0.00	29.41 1.71 0.00	34.74 2.11 0.00	36.98 2.27 0.00	53.04 3.44 0.00	42.81 2.99 0.00	36.85 2.85 0.00	30.70 2.40 -2.26	27.85 2.23 0.00	30.44 2.02 -4.43	27.39 1.93 -2.26	26.20 1.87 -0.86	29.78 2.25 0.00	30.91 2.25 0.00	29.61 2.21 0.00	30.94 2.44 0.00	31.75 2.49 0.00	32.57 2.38 0.00	29.34 2.14 0.00	24.98 1.80 0.00	24.97 1.61 0.00	24.74 1.53 -1.40
HEMPSTEAD____ 23647	29.83 2.36 0.00	30.48 2.19 0.00	28.35 1.96 0.00	29.68 1.98 0.00	35.01 2.38 0.00	37.32 2.62 0.00	53.23 3.63 0.00	43.02 3.21 0.00	36.97 2.97 0.00	29.99 2.49 -1.46	28.95 2.36 -0.97	39.99 2.19 -13.81	27.54 2.06 -2.28	28.61 2.07 -3.07	36.83 2.48 -6.82	45.40 2.52 -14.23	29.83 2.43 0.00	31.80 2.71 -0.58	31.92 2.66 0.00	32.85 2.65 0.00	29.53 2.33 0.00	25.13 1.95 0.00	27.25 1.84 -2.05	28.75 1.82 -5.13
HEWLETT__69_KV_BK3 55828	30.09 2.63 0.00	30.75 2.47 0.00	28.56 2.17 0.00	29.88 2.18 0.00	35.25 2.62 0.00	37.57 2.87 0.00	53.53 3.94 0.00	43.17 3.35 0.00	37.27 3.27 0.00	30.20 2.70 -1.46	29.11 2.52 -0.97	40.14 2.35 -13.81	27.70 2.22 -2.28	28.77 2.24 -3.07	37.03 2.68 -6.82	45.62 2.73 -14.23	30.10 2.69 0.00	32.08 3.00 -0.58	32.23 2.98 0.00	33.14 2.94 0.00	29.81 2.61 0.00	25.35 2.17 0.00	27.45 2.03 -2.05	28.89 1.96 -5.13
HICKLING___1 23621	27.37 -0.09 0.00	28.56 0.28 0.00	26.60 0.22 0.00	28.12 0.42 0.00	33.05 0.42 0.00	35.28 0.56 0.00	50.57 0.97 0.00	40.63 0.82 0.00	34.46 0.46 0.00	26.32 0.28 0.00	25.90 0.29 0.00	24.29 0.30 0.00	23.17 -0.04 0.00	23.22 -0.25 0.00	27.20 -0.33 0.00	28.40 -0.26 0.00	26.91 -0.50 0.00	28.17 -0.33 0.00	28.96 -0.29 0.00	29.91 -0.28 0.00	26.90 -0.30 0.00	22.80 -0.38 0.00	22.82 -0.55 0.00	21.74 -0.45 -0.39
HICKLING___2 23622	27.37 -0.09 0.00	28.56 0.28 0.00	26.60 0.22 0.00	28.12 0.42 0.00	33.05 0.42 0.00	35.28 0.56 0.00	50.57 0.97 0.00	40.63 0.82 0.00	34.46 0.46 0.00	26.32 0.28 0.00	25.90 0.29 0.00	24.29 0.30 0.00	23.17 -0.04 0.00	23.22 -0.25 0.00	27.20 -0.33 0.00	28.40 -0.26 0.00	26.91 -0.50 0.00	28.17 -0.33 0.00	28.96 -0.29 0.00	29.91 -0.28 0.00	26.90 -0.30 0.00	22.80 -0.38 0.00	22.82 -0.55 0.00	21.74 -0.45 -0.39
HIGH FALLS___HY 23754	29.48 2.01 0.00	30.11 1.82 0.00	28.04 1.66 0.00	29.38 1.68 0.00	34.68 2.05 0.00	36.99 2.29 0.00	53.25 3.65 0.00	42.98 3.17 0.00	36.78 2.78 0.00	28.22 2.17 0.00	27.54 1.92 0.00	25.61 1.62 0.00	24.53 1.32 0.00	24.75 1.29 0.00	29.21 1.68 0.00	30.57 1.92 0.00	29.41 2.00 0.00	30.77 2.27 0.00	31.61 2.35 0.00	32.46 2.26 0.00	29.38 2.17 0.00	24.98 1.80 0.00	24.99 1.62 0.00	24.62 1.44 -1.38
HILLBURN___GT 23639	29.23 1.77 0.00	29.83 1.54 0.00	27.78 1.40 0.00	29.10 1.40 0.00	34.37 1.74 0.00	36.62 1.91 0.00	52.55 2.95 0.00	42.28 2.47 0.00	36.26 2.26 0.00	25.80 1.88 2.11	27.30 1.68 0.00	18.91 1.51 6.59	21.27 1.40 3.34	23.59 1.41 1.28	29.26 1.74 0.00	30.44 1.79 0.00	29.20 1.79 0.00	30.54 2.04 0.00	31.33 2.07 0.00	32.15 1.96 0.00	28.96 1.76 0.00	24.67 1.50 0.00	24.74 1.37 0.00	24.44 1.33 -1.31
HILLSIDE_115KV_TB1 80332	26.97 -0.49 0.00	28.09 -0.20 0.00	26.16 -0.22 0.00	27.63 -0.07 0.00	32.47 -0.16 0.00	34.63 -0.08 0.00	49.58 -0.02 0.00	39.86 0.04 0.00	33.88 -0.12 0.00	25.94 -0.10 0.00	25.50 -0.12 0.00	23.91 -0.07 0.00	22.93 -0.28 0.00	22.99 -0.48 0.00	26.95 -0.57 0.00	28.15 -0.50 0.00	26.64 -0.76 0.00	27.92 -0.58 0.00	28.69 -0.57 0.00	29.62 -0.57 0.00	26.62 -0.58 0.00	22.57 -0.60 0.00	22.61 -0.75 0.00	21.53 -0.67 -0.40

HISHELDN_WT_PWR 323625	25.97 -1.50 0.00	27.28 -1.01 0.00	25.17 -1.21 0.00	26.68 -1.02 0.00	31.44 -1.19 0.00	33.21 -1.50 0.00	46.93 -2.67 0.00	37.24 -2.58 0.00	31.69 -2.31 0.00	24.27 -1.78 0.00	23.91 -1.71 0.00	22.42 -1.57 0.00	21.46 -1.75 0.00	21.55 -1.92 0.00	25.38 -2.15 0.00	26.45 -2.21 0.00	24.87 -2.54 0.00	25.74 -2.76 0.00	26.49 -2.77 0.00	27.06 -3.14 0.00	24.21 -3.00 0.00	20.47 -2.71 0.00	20.32 -3.05 0.00	19.28 -2.74 -0.22
HOLTSVILLE_IC_1 23690	30.19 2.73 0.00	30.86 2.57 0.00	28.70 2.32 0.00	30.07 2.37 0.00	35.46 2.83 0.00	37.88 3.17 0.00	53.93 4.33 0.00	43.55 3.73 0.00	37.51 3.51 0.00	30.41 2.91 -1.46	29.21 2.62 -0.97	40.26 2.46 -13.81	27.76 2.28 -2.28	28.84 2.30 -3.07	37.10 2.75 -6.82	45.78 2.89 -14.23	30.14 2.74 0.00	32.13 3.04 -0.58	32.18 2.93 0.00	33.26 3.07 0.00	29.89 2.69 0.00	25.45 2.28 0.00	27.62 2.20 -2.05	29.05 2.12 -5.13
HOLTSVILLE_IC_10 23699	30.32 2.86 0.00	31.00 2.71 0.00	28.83 2.44 0.00	30.20 2.50 0.00	35.61 2.98 0.00	38.05 3.34 0.00	54.19 4.59 0.00	43.76 3.95 0.00	37.68 3.68 0.00	30.55 3.05 -1.46	29.34 2.75 -0.97	40.40 2.60 -13.81	27.87 2.39 -2.28	28.95 2.41 -3.07	37.25 2.90 -6.82	45.95 3.06 -14.23	30.29 2.89 0.00	32.29 3.21 -0.58	32.37 3.11 0.00	33.46 3.26 0.00	30.04 2.84 0.00	25.56 2.38 0.00	27.73 2.31 -2.05	29.15 2.22 -5.13
HOLTSVILLE_IC_2 23691	30.19 2.73 0.00	30.86 2.57 0.00	28.70 2.32 0.00	30.07 2.37 0.00	35.46 2.83 0.00	37.88 3.17 0.00	53.93 4.33 0.00	43.55 3.73 0.00	37.51 3.51 0.00	30.41 2.91 -1.46	29.21 2.62 -0.97	40.26 2.46 -13.81	27.76 2.28 -2.28	28.84 2.30 -3.07	37.10 2.75 -6.82	45.78 2.89 -14.23	30.14 2.74 0.00	32.13 3.04 -0.58	32.18 2.93 0.00	33.26 3.07 0.00	29.89 2.69 0.00	25.45 2.28 0.00	27.62 2.20 -2.05	29.05 2.12 -5.13
HOLTSVILLE_IC_3 23692	30.19 2.73 0.00	30.86 2.57 0.00	28.70 2.32 0.00	30.07 2.37 0.00	35.46 2.83 0.00	37.88 3.17 0.00	53.93 4.33 0.00	43.55 3.73 0.00	37.51 3.51 0.00	30.41 2.91 -1.46	29.21 2.62 -0.97	40.26 2.46 -13.81	27.76 2.28 -2.28	28.84 2.30 -3.07	37.10 2.75 -6.82	45.78 2.89 -14.23	30.14 2.74 0.00	32.13 3.04 -0.58	32.18 2.93 0.00	33.26 3.07 0.00	29.89 2.69 0.00	25.45 2.28 0.00	27.62 2.20 -2.05	29.05 2.12 -5.13
HOLTSVILLE_IC_4 23693	30.19 2.73 0.00	30.86 2.57 0.00	28.70 2.32 0.00	30.07 2.37 0.00	35.46 2.83 0.00	37.88 3.17 0.00	53.93 4.33 0.00	43.55 3.73 0.00	37.51 3.51 0.00	30.41 2.91 -1.46	29.21 2.62 -0.97	40.26 2.46 -13.81	27.76 2.28 -2.28	28.84 2.30 -3.07	37.10 2.75 -6.82	45.78 2.89 -14.23	30.14 2.74 0.00	32.13 3.04 -0.58	32.18 2.93 0.00	33.26 3.07 0.00	29.89 2.69 0.00	25.45 2.28 0.00	27.62 2.20 -2.05	29.05 2.12 -5.13
HOLTSVILLE_IC_5 23694	30.19 2.73 0.00	30.86 2.57 0.00	28.70 2.32 0.00	30.07 2.37 0.00	35.46 2.83 0.00	37.88 3.17 0.00	53.93 4.33 0.00	43.55 3.73 0.00	37.51 3.51 0.00	30.41 2.91 -1.46	29.21 2.62 -0.97	40.26 2.46 -13.81	27.76 2.28 -2.28	28.84 2.30 -3.07	37.10 2.75 -6.82	45.78 2.89 -14.23	30.14 2.74 0.00	32.13 3.04 -0.58	32.18 2.93 0.00	33.26 3.07 0.00	29.89 2.69 0.00	25.45 2.28 0.00	27.62 2.20 -2.05	29.05 2.12 -5.13
HOLTSVILLE_IC_6 23695	30.32 2.86 0.00	31.00 2.71 0.00	28.83 2.44 0.00	30.20 2.50 0.00	35.61 2.98 0.00	38.05 3.34 0.00	54.19 4.59 0.00	43.76 3.95 0.00	37.68 3.68 0.00	30.55 3.05 -1.46	29.34 2.75 -0.97	40.40 2.60 -13.81	27.87 2.39 -2.28	28.95 2.41 -3.07	37.25 2.90 -6.82	45.95 3.06 -14.23	30.29 2.89 0.00	32.29 3.21 -0.58	32.37 3.11 0.00	33.46 3.26 0.00	30.04 2.84 0.00	25.56 2.38 0.00	27.73 2.31 -2.05	29.15 2.22 -5.13
HOLTSVILLE_IC_7 23696	30.32 2.86 0.00	31.00 2.71 0.00	28.83 2.44 0.00	30.20 2.50 0.00	35.61 2.98 0.00	38.05 3.34 0.00	54.19 4.59 0.00	43.76 3.95 0.00	37.68 3.68 0.00	30.55 3.05 -1.46	29.34 2.75 -0.97	40.40 2.60 -13.81	27.87 2.39 -2.28	28.95 2.41 -3.07	37.25 2.90 -6.82	45.95 3.06 -14.23	30.29 2.89 0.00	32.29 3.21 -0.58	32.37 3.11 0.00	33.46 3.26 0.00	30.04 2.84 0.00	25.56 2.38 0.00	27.73 2.31 -2.05	29.15 2.22 -5.13
HOLTSVILLE_IC_8 23697	30.32 2.86 0.00	31.00 2.71 0.00	28.83 2.44 0.00	30.20 2.50 0.00	35.61 2.98 0.00	38.05 3.34 0.00	54.19 4.59 0.00	43.76 3.95 0.00	37.68 3.68 0.00	30.55 3.05 -1.46	29.34 2.75 -0.97	40.40 2.60 -13.81	27.87 2.39 -2.28	28.95 2.41 -3.07	37.25 2.90 -6.82	45.95 3.06 -14.23	30.29 2.89 0.00	32.29 3.21 -0.58	32.37 3.11 0.00	33.46 3.26 0.00	30.04 2.84 0.00	25.56 2.38 0.00	27.73 2.31 -2.05	29.15 2.22 -5.13
HOLTSVILLE_IC_9 23698	30.32 2.86 0.00	31.00 2.71 0.00	28.83 2.44 0.00	30.20 2.50 0.00	35.61 2.98 0.00	38.05 3.34 0.00	54.19 4.59 0.00	43.76 3.95 0.00	37.68 3.68 0.00	30.55 3.05 -1.46	29.34 2.75 -0.97	40.40 2.60 -13.81	27.87 2.39 -2.28	28.95 2.41 -3.07	37.25 2.90 -6.82	45.95 3.06 -14.23	30.29 2.89 0.00	32.29 3.21 -0.58	32.37 3.11 0.00	33.46 3.26 0.00	30.04 2.84 0.00	25.56 2.38 0.00	27.73 2.31 -2.05	29.15 2.22 -5.13
HOMER_HL_115KV_TB2 355744	27.24 -0.22 0.00	28.45 0.16 0.00	26.33 -0.06 0.00	27.90 0.21 0.00	32.73 0.11 0.00	34.31 -0.40 0.00	48.78 -0.81 0.00	39.00 -0.81 0.00	33.26 -0.73 0.00	25.62 -0.42 0.00	25.38 -0.23 0.00	23.99 0.00 0.00	22.94 -0.27 0.00	23.02 -0.44 0.00	27.10 -0.43 0.00	28.26 -0.40 0.00	26.53 -0.87 0.00	27.37 -1.13 0.00	28.08 -1.17 0.00	28.74 -1.46 0.00	25.83 -1.38 0.00	22.01 -1.17 0.00	22.10 -1.27 0.00	21.03 -1.04 -0.26
HOWARD_WT_PWR 323690	27.42 -0.05 0.00	28.95 0.66 0.00	26.98 0.60 0.00	28.59 0.90 0.00	33.64 1.01 0.00	36.01 1.31 0.00	51.83 2.24 0.00	41.71 1.90 0.00	35.21 1.21 0.00	26.64 0.60 0.00	26.15 0.53 0.00	24.37 0.38 0.00	22.73 -0.48 0.00	22.59 -0.88 0.00	26.14 -1.39 0.00	27.26 -1.40 0.00	25.92 -1.49 0.00	27.03 -1.47 0.00	27.89 -1.37 0.00	28.67 -1.53 0.00	25.94 -1.26 0.00	21.92 -1.26 0.00	22.14 -1.22 0.00	21.23 -0.90 -0.33
HQ_GEN_CEDARS 23644	27.08 -0.38 0.00	28.02 -0.27 0.00	26.22 -0.16 0.00	27.56 -0.13 0.00	32.44 -0.19 0.00	34.43 -0.28 0.00	48.99 -0.61 0.00	39.38 -0.43 0.00	33.60 -0.40 0.00	25.67 -0.37 0.00	25.40 -0.22 0.00	23.81 -0.18 0.00	23.05 -0.16 0.00	23.35 -0.12 0.00	27.37 -0.16 0.00	28.58 -0.08 0.00	27.20 -0.21 0.00	28.08 -0.42 0.00	28.85 -0.41 0.00	29.97 -0.23 0.00	26.96 -0.24 0.00	23.00 -0.18 0.00	23.34 -0.03 0.00	21.67 -0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	27.08 -0.38 0.00	28.02 -0.27 0.00	26.22 -0.16 0.00	27.57 -0.13 0.00	32.44 -0.19 0.00	34.43 -0.28 0.00	48.99 -0.60 0.00	39.39 -0.43 0.00	33.60 -0.40 0.00	25.67 -0.37 0.00	25.40 -0.22 0.00	23.81 -0.18 0.00	23.05 -0.16 0.00	23.35 -0.12 0.00	27.37 -0.16 0.00	28.58 -0.08 0.00	27.20 -0.21 0.00	28.08 -0.42 0.00	28.85 -0.41 0.00	29.97 -0.23 0.00	26.96 -0.24 0.00	23.00 -0.18 0.00	23.34 -0.03 0.00	21.67 -0.13 0.00

HQ_GEN_IMPORT 323601	27.10 -0.37 0.00	27.98 -0.30 0.00	26.15 -0.24 0.00	27.45 -0.25 0.00	32.29 -0.34 0.00	34.31 -0.39 0.00	48.92 -0.68 0.00	39.29 -0.52 0.00	33.57 -0.43 0.00	25.70 -0.34 0.00	25.40 -0.22 0.00	23.78 -0.20 0.00	23.03 -0.18 0.00	23.31 -0.16 0.00	27.33 -0.20 0.00	28.49 -0.17 0.00	27.18 -0.23 0.00	28.11 -0.39 0.00	28.88 -0.38 0.00	29.93 -0.26 0.00	26.97 -0.23 0.00	23.00 -0.18 0.00	23.32 -0.05 0.00	21.67 -0.14 0.00
HQ_GEN_WHEEL 23651	27.10 -0.37 0.00	27.98 -0.30 0.00	26.15 -0.24 0.00	27.45 -0.25 0.00	32.29 -0.34 0.00	34.31 -0.39 0.00	48.92 -0.68 0.00	39.29 -0.52 0.00	33.57 -0.43 0.00	25.70 -0.34 0.00	25.40 -0.22 0.00	23.78 -0.20 0.00	23.03 -0.18 0.00	23.31 -0.16 0.00	27.33 -0.20 0.00	28.49 -0.17 0.00	27.18 -0.23 0.00	28.11 -0.39 0.00	28.88 -0.38 0.00	29.93 -0.26 0.00	26.97 -0.23 0.00	23.00 -0.18 0.00	23.32 -0.05 0.00	21.67 -0.14 0.00
HUDSON AVE_GT_3 23810	29.61 2.15 0.00	30.23 1.94 0.00	28.14 1.76 0.00	29.41 1.71 0.00	34.73 2.10 0.00	36.96 2.25 0.00	53.05 3.46 0.00	42.79 2.97 0.00	36.83 2.83 0.00	30.61 2.41 -2.17	27.81 2.20 0.00	30.42 1.99 -4.44	27.37 1.91 -2.26	26.23 1.90 -0.86	29.79 2.27 0.00	30.96 2.30 0.00	29.66 2.25 0.00	31.00 2.50 0.00	31.81 2.55 0.00	32.63 2.43 0.00	29.39 2.19 0.00	25.02 1.84 0.00	25.02 1.66 0.00	24.78 1.58 -1.40
HUDSON AVE_GT_4 23540	29.61 2.15 0.00	30.23 1.94 0.00	28.14 1.76 0.00	29.41 1.71 0.00	34.73 2.10 0.00	36.96 2.25 0.00	53.05 3.46 0.00	42.79 2.97 0.00	36.83 2.83 0.00	30.61 2.41 -2.17	27.81 2.20 0.00	30.42 1.99 -4.44	27.37 1.91 -2.26	26.23 1.90 -0.86	29.79 2.27 0.00	30.96 2.30 0.00	29.66 2.25 0.00	31.00 2.50 0.00	31.81 2.55 0.00	32.63 2.43 0.00	29.39 2.19 0.00	25.02 1.84 0.00	25.02 1.66 0.00	24.78 1.58 -1.40
HUDSON AVE_GT_5 23657	29.61 2.15 0.00	30.23 1.94 0.00	28.14 1.76 0.00	29.41 1.71 0.00	34.73 2.10 0.00	36.96 2.25 0.00	53.05 3.46 0.00	42.79 2.97 0.00	36.83 2.83 0.00	30.61 2.41 -2.17	27.81 2.20 0.00	30.42 1.99 -4.44	27.37 1.91 -2.26	26.23 1.90 -0.86	29.79 2.27 0.00	30.96 2.30 0.00	29.66 2.25 0.00	31.00 2.50 0.00	31.81 2.55 0.00	32.63 2.43 0.00	29.39 2.19 0.00	25.02 1.84 0.00	25.02 1.66 0.00	24.78 1.58 -1.40
HUDSON_AVE_10 24168	29.55 2.09 0.00	30.16 1.87 0.00	28.09 1.71 0.00	29.35 1.66 0.00	34.65 2.02 0.00	36.88 2.17 0.00	52.95 3.35 0.00	42.70 2.88 0.00	36.74 2.74 0.00	30.55 2.34 -2.17	27.76 2.15 0.00	30.35 1.92 -4.44	27.30 1.84 -2.26	26.16 1.83 -0.86	29.72 2.19 0.00	30.88 2.22 0.00	29.61 2.20 0.00	30.94 2.44 0.00	31.76 2.50 0.00	32.57 2.38 0.00	29.34 2.14 0.00	24.99 1.81 0.00	24.98 1.62 0.00	24.73 1.52 -1.40
HUDSON___115KV_TB 4 355613	29.36 1.90 0.00	30.13 1.84 0.00	28.09 1.71 0.00	29.46 1.76 0.00	34.74 2.11 0.00	36.99 2.28 0.00	52.82 3.23 0.00	42.13 2.32 0.00	35.81 1.81 0.00	27.22 1.17 0.00	26.44 0.82 0.00	24.76 0.77 0.00	24.00 0.80 0.00	24.31 0.84 0.00	28.48 0.96 0.00	29.72 1.07 0.00	28.73 1.32 0.00	30.12 1.62 0.00	30.90 1.65 0.00	31.89 1.69 0.00	28.71 1.51 0.00	24.47 1.29 0.00	24.60 1.23 0.00	24.96 1.50 -1.66
HUNTER MOUNT___DRP 323613	29.63 2.16 0.00	30.41 2.13 0.00	28.37 1.99 0.00	29.76 2.06 0.00	35.09 2.46 0.00	37.38 2.67 0.00	53.42 3.82 0.00	42.59 2.78 0.00	36.10 2.10 0.00	27.33 1.29 0.00	26.53 0.91 0.00	24.84 0.85 0.00	24.11 0.90 0.00	24.41 0.94 0.00	28.65 1.12 0.00	29.91 1.25 0.00	28.97 1.56 0.00	30.41 1.92 0.00	31.21 1.95 0.00	32.20 2.00 0.00	28.97 1.76 0.00	24.68 1.50 0.00	24.79 1.43 0.00	25.08 1.67 -1.61
HUNTINGTON_RES_REC 323705	29.99 2.53 0.00	30.68 2.39 0.00	28.52 2.14 0.00	29.88 2.18 0.00	35.23 2.60 0.00	37.62 2.92 0.00	53.63 4.03 0.00	43.33 3.52 0.00	37.26 3.27 0.00	30.24 2.75 -1.46	29.10 2.51 -0.97	40.15 2.36 -13.81	27.66 2.17 -2.28	28.72 2.19 -3.07	36.98 2.63 -6.82	45.64 2.75 -14.23	30.07 2.66 0.00	32.06 2.97 -0.58	32.14 2.88 0.00	33.16 2.97 0.00	29.80 2.60 0.00	25.35 2.17 0.00	27.47 2.05 -2.05	28.90 1.97 -5.13
HUNTLEY___63 23557	25.89 -1.57 0.00	27.23 -1.06 0.00	25.10 -1.29 0.00	26.60 -1.10 0.00	31.40 -1.23 0.00	33.17 -1.54 0.00	46.80 -2.80 0.00	37.09 -2.72 0.00	31.61 -2.39 0.00	24.21 -1.83 0.00	23.87 -1.74 0.00	22.51 -1.48 0.00	21.61 -1.60 0.00	21.83 -1.64 0.00	25.72 -1.80 0.00	26.81 -1.84 0.00	25.31 -2.10 0.00	26.25 -2.25 0.00	26.99 -2.27 0.00	27.52 -2.67 0.00	24.58 -2.62 0.00	20.81 -2.37 0.00	20.63 -2.73 0.00	19.59 -2.43 -0.22
HUNTLEY___64 23558	25.89 -1.57 0.00	27.23 -1.06 0.00	25.10 -1.29 0.00	26.60 -1.10 0.00	31.40 -1.23 0.00	33.17 -1.54 0.00	46.80 -2.80 0.00	37.09 -2.72 0.00	31.61 -2.39 0.00	24.21 -1.83 0.00	23.87 -1.74 0.00	22.51 -1.48 0.00	21.61 -1.60 0.00	21.83 -1.64 0.00	25.72 -1.80 0.00	26.81 -1.84 0.00	25.31 -2.10 0.00	26.25 -2.25 0.00	26.99 -2.27 0.00	27.52 -2.67 0.00	24.58 -2.62 0.00	20.81 -2.37 0.00	20.63 -2.73 0.00	19.59 -2.43 -0.22
HUNTLEY___65 23559	25.89 -1.57 0.00	27.23 -1.06 0.00	25.10 -1.29 0.00	26.60 -1.10 0.00	31.40 -1.23 0.00	33.17 -1.54 0.00	46.80 -2.80 0.00	37.09 -2.72 0.00	31.61 -2.39 0.00	24.21 -1.83 0.00	23.87 -1.74 0.00	22.51 -1.48 0.00	21.61 -1.60 0.00	21.83 -1.64 0.00	25.72 -1.80 0.00	26.81 -1.84 0.00	25.31 -2.10 0.00	26.25 -2.25 0.00	26.99 -2.27 0.00	27.52 -2.67 0.00	24.58 -2.62 0.00	20.81 -2.37 0.00	20.63 -2.73 0.00	19.59 -2.43 -0.22
HUNTLEY___66 23560	25.89 -1.57 0.00	27.23 -1.06 0.00	25.10 -1.29 0.00	26.60 -1.10 0.00	31.40 -1.23 0.00	33.17 -1.54 0.00	46.80 -2.80 0.00	37.09 -2.72 0.00	31.61 -2.39 0.00	24.21 -1.83 0.00	23.87 -1.74 0.00	22.51 -1.48 0.00	21.61 -1.60 0.00	21.83 -1.64 0.00	25.72 -1.80 0.00	26.81 -1.84 0.00	25.31 -2.10 0.00	26.25 -2.25 0.00	26.99 -2.27 0.00	27.52 -2.67 0.00	24.58 -2.62 0.00	20.81 -2.37 0.00	20.63 -2.73 0.00	19.59 -2.43 -0.22
HUNTLEY___67 23561	25.75 -1.71 0.00	27.05 -1.24 0.00	24.96 -1.42 0.00	26.46 -1.24 0.00	31.20 -1.43 0.00	32.92 -1.79 0.00	46.50 -3.10 0.00	36.96 -2.85 0.00	31.49 -2.51 0.00	24.10 -1.94 0.00	23.76 -1.86 0.00	22.40 -1.58 0.00	21.51 -1.70 0.00	21.72 -1.75 0.00	25.59 -1.93 0.00	26.67 -1.98 0.00	25.17 -2.24 0.00	26.11 -2.39 0.00	26.85 -2.41 0.00	27.39 -2.81 0.00	24.49 -2.71 0.00	20.72 -2.46 0.00	20.59 -2.78 0.00	19.54 -2.49 -0.22
HUNTLEY___68 23562	25.75 -1.71 0.00	27.05 -1.24 0.00	24.96 -1.42 0.00	26.46 -1.24 0.00	31.20 -1.43 0.00	32.92 -1.79 0.00	46.50 -3.10 0.00	36.96 -2.85 0.00	31.49 -2.51 0.00	24.10 -1.94 0.00	23.76 -1.86 0.00	22.40 -1.58 0.00	21.51 -1.70 0.00	21.72 -1.75 0.00	25.59 -1.93 0.00	26.67 -1.98 0.00	25.17 -2.24 0.00	26.11 -2.39 0.00	26.85 -2.41 0.00	27.39 -2.81 0.00	24.49 -2.71 0.00	20.72 -2.46 0.00	20.59 -2.78 0.00	19.54 -2.49 -0.22

HYLAND___LFGE 323620	28.12 0.66 0.00	29.41 1.12 0.00	27.31 0.93 0.00	28.90 1.20 0.00	34.07 1.44 0.00	36.36 1.65 0.00	52.33 2.74 0.00	42.08 2.27 0.00	35.13 1.13 0.00	26.52 0.48 0.00	26.32 0.71 0.00	24.41 0.43 0.00	23.07 -0.13 0.00	23.62 0.15 0.00	27.15 -0.37 0.00	28.95 0.29 0.00	27.65 0.25 0.00	28.96 0.46 0.00	29.87 0.61 0.00	30.65 0.46 0.00	27.69 0.48 0.00	23.26 0.08 0.00	23.23 -0.14 0.00	21.95 -0.13 -0.28
INDECK___CORINTH 23802	28.22 0.76 0.00	28.91 0.62 0.00	26.95 0.57 0.00	28.28 0.58 0.00	33.37 0.74 0.00	35.67 0.96 0.00	51.34 1.74 0.00	41.19 1.38 0.00	34.93 0.93 0.00	26.61 0.57 0.00	25.99 0.38 0.00	24.29 0.30 0.00	23.59 0.39 0.00	23.95 0.49 0.00	28.32 0.79 0.00	29.37 0.72 0.00	28.42 1.01 0.00	29.66 1.16 0.00	30.37 1.12 0.00	31.17 0.97 0.00	28.07 0.87 0.00	23.97 0.79 0.00	24.08 0.72 0.00	24.26 0.70 -1.75
INDECK___ILION 23567	28.00 0.54 0.00	28.77 0.48 0.00	26.85 0.46 0.00	28.19 0.49 0.00	33.30 0.67 0.00	35.49 0.79 0.00	50.87 1.28 0.00	40.80 0.98 0.00	34.74 0.74 0.00	26.54 0.49 0.00	25.96 0.34 0.00	24.27 0.28 0.00	23.53 0.32 0.00	23.83 0.36 0.00	27.93 0.40 0.00	28.95 0.30 0.00	27.77 0.36 0.00	29.03 0.52 0.00	29.81 0.56 0.00	30.72 0.52 0.00	27.74 0.54 0.00	23.66 0.49 0.00	23.75 0.38 0.00	22.17 0.37 0.00
INDECK___OLEAN 23982	27.24 -0.22 0.00	28.45 0.16 0.00	26.33 -0.05 0.00	27.91 0.21 0.00	32.73 0.11 0.00	34.31 -0.39 0.00	48.78 -0.81 0.00	39.00 -0.81 0.00	33.26 -0.73 0.00	25.62 -0.42 0.00	25.38 -0.23 0.00	23.99 0.00 0.00	22.94 -0.27 0.00	23.02 -0.44 0.00	27.10 -0.42 0.00	28.26 -0.39 0.00	26.53 -0.87 0.00	27.39 -1.11 0.00	28.08 -1.17 0.00	28.74 -1.45 0.00	25.83 -1.38 0.00	22.01 -1.17 0.00	22.10 -1.27 0.00	21.03 -1.04 -0.26
INDECK___OSWEGO 23783	26.49 -0.97 0.00	27.35 -0.94 0.00	25.46 -0.92 0.00	26.78 -0.92 0.00	31.58 -1.05 0.00	33.60 -1.11 0.00	48.10 -1.50 0.00	38.59 -1.22 0.00	32.86 -1.14 0.00	25.12 -0.93 0.00	24.70 -0.92 0.00	23.17 -0.81 0.00	22.40 -0.80 0.00	22.63 -0.84 0.00	26.55 -0.97 0.00	27.67 -0.99 0.00	26.40 -1.00 0.00	27.53 -0.97 0.00	28.28 -0.98 0.00	29.11 -1.08 0.00	26.19 -1.01 0.00	22.25 -0.92 0.00	22.33 -1.03 0.00	20.99 -0.93 -0.13
INDECK___YERKES 23781	25.92 -1.54 0.00	27.26 -1.03 0.00	25.13 -1.26 0.00	26.63 -1.07 0.00	31.43 -1.20 0.00	33.21 -1.50 0.00	46.85 -2.75 0.00	37.13 -2.68 0.00	31.65 -2.35 0.00	24.24 -1.80 0.00	23.91 -1.71 0.00	22.54 -1.45 0.00	21.64 -1.57 0.00	21.86 -1.61 0.00	25.76 -1.77 0.00	26.85 -1.81 0.00	25.34 -2.07 0.00	26.30 -2.20 0.00	27.02 -2.24 0.00	27.56 -2.64 0.00	24.61 -2.60 0.00	20.83 -2.35 0.00	20.65 -2.71 0.00	19.61 -2.41 -0.22
INDIAN POINT_GT_1 24139	29.31 1.85 0.00	29.94 1.65 0.00	27.88 1.50 0.00	29.19 1.49 0.00	34.45 1.82 0.00	36.70 1.99 0.00	52.64 3.04 0.00	42.39 2.58 0.00	36.37 2.37 0.00	29.89 1.97 -1.88	27.40 1.79 0.00	31.45 1.61 -5.85	27.69 1.51 -2.97	26.12 1.52 -1.14	29.36 1.83 0.00	30.52 1.87 0.00	29.29 1.88 0.00	30.62 2.12 0.00	31.40 2.15 0.00	32.24 2.05 0.00	29.04 1.84 0.00	24.73 1.56 0.00	24.79 1.42 0.00	24.56 1.38 -1.38
INDIAN POINT_GT_2 23659	29.31 1.85 0.00	29.94 1.65 0.00	27.88 1.50 0.00	29.19 1.49 0.00	34.45 1.82 0.00	36.70 1.99 0.00	52.64 3.04 0.00	42.39 2.58 0.00	36.37 2.37 0.00	29.89 1.97 -1.88	27.40 1.79 0.00	31.45 1.61 -5.85	27.69 1.51 -2.97	26.12 1.52 -1.14	29.36 1.83 0.00	30.52 1.87 0.00	29.29 1.88 0.00	30.62 2.12 0.00	31.40 2.15 0.00	32.24 2.05 0.00	29.04 1.84 0.00	24.73 1.56 0.00	24.79 1.42 0.00	24.56 1.38 -1.38
INDIAN POINT_GT_3 24019	29.31 1.85 0.00	29.94 1.65 0.00	27.88 1.50 0.00	29.19 1.49 0.00	34.45 1.82 0.00	36.70 1.99 0.00	52.64 3.04 0.00	42.39 2.58 0.00	36.37 2.37 0.00	29.89 1.97 -1.88	27.40 1.79 0.00	31.45 1.61 -5.85	27.69 1.51 -2.97	26.12 1.52 -1.14	29.36 1.83 0.00	30.52 1.87 0.00	29.29 1.88 0.00	30.62 2.12 0.00	31.40 2.15 0.00	32.24 2.05 0.00	29.04 1.84 0.00	24.73 1.56 0.00	24.79 1.42 0.00	24.56 1.38 -1.38
INDIAN POINT___2 23530	29.23 1.77 0.00	29.85 1.56 0.00	27.79 1.41 0.00	29.10 1.41 0.00	34.36 1.73 0.00	36.60 1.89 0.00	52.50 2.90 0.00	42.27 2.46 0.00	36.26 2.26 0.00	30.95 1.88 -3.03	27.31 1.69 0.00	34.95 1.52 -9.44	29.42 1.42 -4.79	26.74 1.43 -1.84	29.26 1.73 0.00	30.43 1.78 0.00	29.20 1.79 0.00	30.53 2.03 0.00	31.31 2.06 0.00	32.14 1.94 0.00	28.96 1.75 0.00	24.66 1.49 0.00	24.72 1.36 0.00	24.46 1.32 -1.35
INDIAN POINT___3 23531	29.35 1.89 0.00	29.98 1.70 0.00	27.92 1.54 0.00	29.22 1.52 0.00	34.48 1.85 0.00	36.72 2.01 0.00	52.67 3.07 0.00	42.43 2.62 0.00	36.42 2.42 0.00	29.46 2.02 -1.39	27.45 1.83 0.00	29.98 1.66 -4.33	26.98 1.57 -2.20	25.88 1.56 -0.84	29.40 1.88 0.00	30.56 1.90 0.00	29.33 1.93 0.00	30.66 2.15 0.00	31.45 2.20 0.00	32.28 2.09 0.00	29.08 1.87 0.00	24.76 1.58 0.00	24.81 1.45 0.00	24.60 1.39 -1.41
INGHAM_C_115KV_TB7 356103	28.20 0.74 0.00	28.92 0.63 0.00	27.00 0.62 0.00	28.37 0.67 0.00	33.61 0.98 0.00	35.89 1.19 0.00	51.54 1.95 0.00	41.30 1.48 0.00	35.00 1.00 0.00	26.64 0.60 0.00	25.94 0.32 0.00	24.24 0.25 0.00	23.55 0.34 0.00	23.91 0.44 0.00	27.98 0.46 0.00	28.89 0.23 0.00	27.74 0.34 0.00	29.13 0.63 0.00	29.97 0.71 0.00	30.87 0.67 0.00	27.98 0.77 0.00	23.93 0.76 0.00	23.92 0.55 0.00	22.32 0.52 0.00
IP CORINTH___1 23988	28.39 0.92 0.00	29.07 0.78 0.00	27.11 0.73 0.00	28.44 0.74 0.00	33.56 0.94 0.00	35.87 1.16 0.00	51.63 2.04 0.00	41.42 1.61 0.00	35.14 1.14 0.00	26.76 0.72 0.00	26.15 0.53 0.00	24.43 0.45 0.00	23.73 0.52 0.00	24.08 0.62 0.00	28.48 0.95 0.00	29.54 0.88 0.00	28.58 1.17 0.00	29.83 1.33 0.00	30.54 1.28 0.00	31.34 1.14 0.00	28.23 1.02 0.00	24.10 0.92 0.00	24.21 0.85 0.00	24.37 0.81 -1.75
IP___TICONDEROGA 23804	29.45 1.99 0.00	30.09 1.80 0.00	28.09 1.71 0.00	29.50 1.81 0.00	34.77 2.14 0.00	37.46 2.75 0.00	54.28 4.69 0.00	43.54 3.73 0.00	36.76 2.77 0.00	27.86 1.82 0.00	27.17 1.55 0.00	25.36 1.37 0.00	24.84 1.63 0.00	25.18 1.71 0.00	30.12 2.60 0.00	31.03 2.37 0.00	30.27 2.87 0.00	31.42 2.92 0.00	31.95 2.69 0.00	32.63 2.44 0.00	29.35 2.14 0.00	25.29 2.12 0.00	25.51 2.14 0.00	25.56 2.00 -1.75
ISLIP_RES_REC 323679	30.45 2.99 0.00	31.14 2.85 0.00	28.95 2.56 0.00	30.33 2.63 0.00	35.76 3.14 0.00	38.23 3.52 0.00	54.48 4.88 0.00	43.99 4.18 0.00	37.89 3.89 0.00	30.71 3.21 -1.46	29.50 2.91 -0.97	40.53 2.74 -13.81	28.01 2.52 -2.28	29.07 2.54 -3.07	37.41 3.06 -6.82	46.13 3.24 -14.23	30.46 3.05 0.00	32.48 3.39 -0.58	32.56 3.30 0.00	33.64 3.45 0.00	30.20 3.00 0.00	25.68 2.50 0.00	27.84 2.43 -2.05	29.25 2.31 -5.13

JAMAICA__27_KV_LOAD 355505	29.84 2.38 0.00	30.42 2.13 0.00	28.35 1.97 0.00	29.63 1.93 0.00	34.92 2.29 0.00	37.18 2.47 0.00	53.46 3.86 0.00	43.07 3.26 0.00	37.02 3.02 0.00	30.80 2.59 -2.17	28.01 2.40 0.00	30.54 2.11 -4.44	27.48 2.02 -2.26	26.36 2.02 -0.86	29.93 2.41 0.00	31.10 2.45 0.00	29.88 2.47 0.00	31.22 2.72 0.00	32.08 2.83 0.00	32.89 2.70 0.00	29.63 2.43 0.00	25.25 2.07 0.00	25.21 1.85 0.00	24.92 1.71 -1.40
JANIS__SOLAR 323808	28.38 0.92 0.00	29.62 1.33 0.00	27.53 1.15 0.00	29.11 1.41 0.00	34.44 1.81 0.00	36.76 2.06 0.00	52.91 3.31 0.00	42.58 2.77 0.00	35.86 1.86 0.00	27.09 1.05 0.00	26.56 0.94 0.00	24.90 0.92 0.00	24.22 1.01 0.00	24.21 0.74 0.00	28.49 0.96 0.00	29.87 1.22 0.00	28.38 0.97 0.00	29.69 1.19 0.00	30.52 1.26 0.00	31.41 1.22 0.00	28.25 1.04 0.00	23.89 0.71 0.00	23.88 0.51 0.00	22.69 0.49 -0.40
JARVIS____ 23743	27.75 0.28 0.00	28.54 0.25 0.00	26.62 0.24 0.00	27.94 0.25 0.00	32.93 0.29 0.00	35.05 0.34 0.00	50.14 0.54 0.00	40.25 0.44 0.00	34.37 0.37 0.00	26.32 0.28 0.00	25.84 0.23 0.00	24.18 0.19 0.00	23.40 0.19 0.00	23.67 0.20 0.00	27.74 0.22 0.00	28.86 0.20 0.00	27.63 0.22 0.00	28.79 0.29 0.00	29.54 0.28 0.00	30.44 0.24 0.00	27.43 0.23 0.00	23.37 0.19 0.00	23.53 0.16 0.00	21.98 0.18 0.00
JENNISON____1 23625	28.14 0.67 0.00	29.69 1.40 0.00	27.50 1.12 0.00	29.17 1.47 0.00	34.68 2.05 0.00	36.87 2.16 0.00	53.12 3.52 0.00	42.96 3.15 0.00	36.42 2.42 0.00	27.73 1.69 0.00	27.21 1.59 0.00	25.47 1.48 0.00	24.60 1.39 0.00	24.69 1.22 0.00	28.64 1.12 0.00	29.73 1.07 0.00	28.05 0.64 0.00	29.42 0.92 0.00	30.18 0.92 0.00	31.10 0.91 0.00	28.03 0.82 0.00	23.69 0.51 0.00	23.84 0.48 0.00	22.85 0.55 -0.50
JENNISON____2 23626	28.14 0.67 0.00	29.69 1.40 0.00	27.50 1.12 0.00	29.17 1.47 0.00	34.68 2.05 0.00	36.87 2.16 0.00	53.12 3.52 0.00	42.96 3.15 0.00	36.42 2.42 0.00	27.73 1.69 0.00	27.21 1.59 0.00	25.47 1.48 0.00	24.60 1.39 0.00	24.69 1.22 0.00	28.64 1.12 0.00	29.73 1.07 0.00	28.05 0.64 0.00	29.42 0.92 0.00	30.18 0.92 0.00	31.10 0.91 0.00	28.03 0.82 0.00	23.69 0.51 0.00	23.84 0.48 0.00	22.85 0.55 -0.50
JERICOHO_RISE_WT_PWR 323719	26.84 -0.62 0.00	27.78 -0.51 0.00	26.19 -0.20 0.00	27.66 -0.04 0.00	32.65 0.02 0.00	34.71 0.01 0.00	49.38 -0.21 0.00	39.67 -0.14 0.00	34.11 0.10 0.00	26.12 0.08 0.00	25.82 0.20 0.00	24.17 0.18 0.00	23.45 0.24 0.00	23.76 0.29 0.00	27.90 0.37 0.00	29.07 0.41 0.00	27.56 0.15 0.00	28.33 -0.17 0.00	29.08 -0.18 0.00	30.35 0.15 0.00	27.17 -0.03 0.00	23.12 -0.06 0.00	23.41 0.04 0.00	21.88 0.08 0.00
KATONAH__115KV_46KV_TB4 355592	29.59 2.13 0.00	30.24 1.96 0.00	28.16 1.78 0.00	29.47 1.77 0.00	34.79 2.16 0.00	37.07 2.36 0.00	53.20 3.60 0.00	42.88 3.07 0.00	36.79 2.79 0.00	29.11 2.28 -0.79	27.69 2.08 0.00	28.32 1.88 -2.45	26.22 1.77 -1.24	25.72 1.77 -0.48	29.65 2.12 0.00	30.81 2.16 0.00	29.59 2.18 0.00	30.94 2.44 0.00	31.76 2.51 0.00	32.59 2.40 0.00	29.34 2.13 0.00	24.97 1.79 0.00	25.00 1.64 0.00	24.78 1.56 -1.42
KCE_NY_1 323755	28.95 1.48 0.00	29.67 1.38 0.00	27.65 1.27 0.00	29.03 1.33 0.00	34.25 1.62 0.00	36.48 1.78 0.00	52.42 2.82 0.00	42.02 2.20 0.00	35.70 1.70 0.00	27.26 1.22 0.00	26.67 1.05 0.00	24.92 0.94 0.00	24.16 0.96 0.00	24.54 1.07 0.00	28.87 1.35 0.00	29.97 1.31 0.00	28.87 1.47 0.00	30.18 1.68 0.00	30.94 1.68 0.00	31.78 1.58 0.00	28.64 1.44 0.00	24.44 1.26 0.00	24.55 1.18 0.00	24.72 1.17 -1.75
KCE_NY_6_ESR 323823	26.21 -1.25 0.00	27.52 -0.77 0.00	25.39 -0.99 0.00	26.92 -0.78 0.00	31.74 -0.89 0.00	33.50 -1.21 0.00	47.42 -2.18 0.00	37.72 -2.09 0.00	32.11 -1.89 0.00	24.58 -1.46 0.00	24.23 -1.39 0.00	22.83 -1.16 0.00	21.89 -1.32 0.00	22.09 -1.38 0.00	26.04 -1.49 0.00	27.12 -1.54 0.00	25.54 -1.86 0.00	26.52 -1.98 0.00	27.24 -2.01 0.00	27.80 -2.39 0.00	24.84 -2.37 0.00	21.03 -2.15 0.00	20.88 -2.49 0.00	19.81 -2.23 -0.23
KEDC_PORT_JEFF_GT2 24210	30.24 2.78 0.00	30.91 2.63 0.00	28.74 2.36 0.00	30.11 2.41 0.00	35.50 2.87 0.00	37.94 3.23 0.00	54.04 4.44 0.00	43.59 3.78 0.00	37.50 3.50 0.00	30.42 2.92 -1.46	29.25 2.66 -0.97	40.33 2.53 -13.81	27.76 2.28 -2.28	28.82 2.28 -3.07	37.15 2.80 -6.82	45.86 2.97 -14.23	30.16 2.76 0.00	32.13 3.04 -0.58	32.25 3.00 0.00	33.37 3.17 0.00	29.90 2.70 0.00	25.41 2.23 0.00	27.61 2.20 -2.05	29.08 2.15 -5.13
KEDC_PORT_JEFF_GT3 24211	30.24 2.78 0.00	30.91 2.63 0.00	28.74 2.36 0.00	30.11 2.41 0.00	35.50 2.87 0.00	37.94 3.23 0.00	54.04 4.44 0.00	43.59 3.78 0.00	37.50 3.50 0.00	30.42 2.92 -1.46	29.25 2.66 -0.97	40.33 2.53 -13.81	27.76 2.28 -2.28	28.82 2.28 -3.07	37.15 2.80 -6.82	45.86 2.97 -14.23	30.16 2.76 0.00	32.13 3.04 -0.58	32.25 3.00 0.00	33.37 3.17 0.00	29.90 2.70 0.00	25.41 2.23 0.00	27.61 2.20 -2.05	29.08 2.15 -5.13
KEDC_GLWD_GT4 24219	29.98 2.52 0.00	30.64 2.35 0.00	28.50 2.11 0.00	29.84 2.14 0.00	35.20 2.57 0.00	37.53 2.83 0.00	53.58 3.98 0.00	43.09 3.28 0.00	36.99 2.99 0.00	30.00 2.50 -1.46	29.11 2.52 -0.97	40.14 2.35 -13.81	27.69 2.21 -2.28	28.75 2.21 -3.07	37.00 2.65 -6.82	45.58 2.69 -14.23	29.85 2.45 0.00	31.82 2.73 -0.58	31.94 2.69 0.00	32.85 2.65 0.00	29.55 2.35 0.00	25.13 1.95 0.00	27.25 1.84 -2.05	28.86 1.93 -5.13
KEDC_GLWD_GT5 24220	29.98 2.52 0.00	30.64 2.35 0.00	28.50 2.11 0.00	29.84 2.14 0.00	35.20 2.57 0.00	37.53 2.83 0.00	53.58 3.98 0.00	43.09 3.28 0.00	36.99 2.99 0.00	30.00 2.50 -1.46	29.11 2.52 -0.97	40.14 2.35 -13.81	27.69 2.21 -2.28	28.75 2.21 -3.07	37.00 2.65 -6.82	45.58 2.69 -14.23	29.85 2.45 0.00	31.82 2.73 -0.58	31.94 2.69 0.00	32.85 2.65 0.00	29.55 2.35 0.00	25.13 1.95 0.00	27.25 1.84 -2.05	28.86 1.93 -5.13
KENSICO____ 23655	29.42 1.96 0.00	30.05 1.77 0.00	27.98 1.60 0.00	29.29 1.59 0.00	34.57 1.94 0.00	36.81 2.10 0.00	52.78 3.18 0.00	42.53 2.72 0.00	36.52 2.52 0.00	29.69 2.10 -1.54	27.53 1.91 0.00	30.47 1.73 -4.75	27.26 1.64 -2.41	26.03 1.63 -0.93	29.48 1.96 0.00	30.64 1.99 0.00	29.41 2.00 0.00	30.73 2.23 0.00	31.53 2.27 0.00	32.36 2.17 0.00	29.15 1.94 0.00	24.82 1.65 0.00	24.87 1.50 0.00	24.64 1.44 -1.40
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.50 2.04 0.00	30.14 1.85 0.00	28.07 1.68 0.00	29.41 1.71 0.00	34.72 2.10 0.00	37.04 2.33 0.00	53.29 3.69 0.00	42.97 3.15 0.00	36.73 2.73 0.00	27.82 2.10 0.32	27.46 1.84 0.00	24.54 1.56 1.00	23.94 1.23 0.50	24.48 1.21 0.19	29.13 1.60 0.00	30.46 1.81 0.00	29.33 1.93 0.00	30.71 2.21 0.00	31.53 2.28 0.00	32.40 2.20 0.00	29.36 2.16 0.00	24.97 1.79 0.00	24.99 1.62 0.00	24.58 1.47 -1.31

23816	29.73 2.27 0.00	30.31 2.02 0.00	28.25 1.87 0.00	29.52 1.82 0.00	34.79 2.17 0.00	37.04 2.33 0.00	53.24 3.64 0.00	42.90 3.09 0.00	36.90 2.89 0.00	30.69 2.49 -2.17	27.91 2.29 0.00	30.45 2.03 -4.44	27.40 1.93 -2.26	26.27 1.94 -0.86	29.83 2.30 0.00	31.00 2.34 0.00	29.77 2.36 0.00	31.10 2.60 0.00	31.96 2.70 0.00	32.76 2.57 0.00	29.52 2.31 0.00	25.15 1.97 0.00	25.12 1.76 0.00	24.83 1.63 -1.40
23817	29.73 2.27 0.00	30.31 2.02 0.00	28.25 1.87 0.00	29.52 1.82 0.00	34.79 2.17 0.00	37.04 2.33 0.00	53.24 3.64 0.00	42.90 3.09 0.00	36.90 2.89 0.00	30.69 2.49 -2.17	27.91 2.29 0.00	30.45 2.03 -4.44	27.40 1.93 -2.26	26.27 1.94 -0.86	29.83 2.30 0.00	31.00 2.34 0.00	29.77 2.36 0.00	31.10 2.60 0.00	31.96 2.70 0.00	32.76 2.57 0.00	29.52 2.31 0.00	25.15 1.97 0.00	25.12 1.76 0.00	24.83 1.63 -1.40
323774	29.73 2.27 0.00	30.31 2.02 0.00	28.26 1.88 0.00	29.52 1.82 0.00	34.79 2.17 0.00	37.03 2.33 0.00	53.24 3.64 0.00	42.90 3.09 0.00	36.90 2.90 0.00	30.70 2.50 -2.17	27.91 2.29 0.00	30.45 2.03 -4.44	27.40 1.93 -2.26	26.27 1.94 -0.86	29.83 2.30 0.00	30.99 2.34 0.00	29.77 2.36 0.00	31.10 2.60 0.00	31.96 2.70 0.00	32.76 2.57 0.00	29.52 2.31 0.00	25.15 1.97 0.00	25.12 1.76 0.00	24.83 1.63 -1.40
23543	25.72 -1.74 0.00	26.92 -1.36 0.00	24.87 -1.51 0.00	26.32 -1.38 0.00	31.05 -1.58 0.00	32.78 -1.93 0.00	46.41 -3.19 0.00	36.96 -2.85 0.00	31.51 -2.49 0.00	24.15 -1.90 0.00	23.82 -1.80 0.00	22.46 -1.52 0.00	21.59 -1.62 0.00	21.82 -1.65 0.00	25.68 -1.84 0.00	26.77 -1.88 0.00	25.33 -2.08 0.00	26.29 -2.21 0.00	27.03 -2.23 0.00	27.60 -2.60 0.00	24.71 -2.49 0.00	20.94 -2.24 0.00	20.85 -2.52 0.00	19.76 -2.25 -0.20
80397	27.39 -0.07 0.00	28.35 0.06 0.00	26.73 0.35 0.00	28.25 0.55 0.00	33.38 0.76 0.00	35.54 0.83 0.00	50.69 1.09 0.00	40.72 0.90 0.00	35.02 1.02 0.00	26.74 0.70 0.00	26.35 0.73 0.00	24.66 0.67 0.00	23.96 0.75 0.00	24.27 0.80 0.00	28.58 1.05 0.00	29.78 1.12 0.00	28.25 0.84 0.00	29.01 0.51 0.00	29.79 0.53 0.00	31.10 0.90 0.00	27.88 0.68 0.00	23.69 0.52 0.00	23.93 0.57 0.00	22.37 0.57 0.00
323717	29.45 1.99 0.00	30.09 1.80 0.00	28.09 1.71 0.00	29.50 1.81 0.00	34.77 2.14 0.00	37.46 2.75 0.00	54.28 4.69 0.00	43.54 3.73 0.00	36.76 2.76 0.00	27.86 1.82 0.00	27.17 1.55 0.00	25.36 1.37 0.00	24.84 1.63 0.00	25.18 1.71 0.00	30.12 2.60 0.00	31.03 2.37 0.00	30.27 2.87 0.00	31.42 2.92 0.00	31.95 2.69 0.00	32.63 2.44 0.00	29.35 2.15 0.00	25.29 2.11 0.00	25.51 2.14 0.00	25.56 2.00 -1.75
80681	26.84 -0.62 0.00	27.78 -0.51 0.00	26.03 -0.35 0.00	27.39 -0.31 0.00	32.20 -0.43 0.00	34.10 -0.61 0.00	48.60 -0.99 0.00	39.12 -0.70 0.00	33.30 -0.70 0.00	25.38 -0.66 0.00	25.08 -0.53 0.00	23.53 -0.46 0.00	22.78 -0.43 0.00	23.08 -0.38 0.00	27.05 -0.47 0.00	28.26 -0.40 0.00	26.86 -0.55 0.00	27.74 -0.77 0.00	28.52 -0.74 0.00	29.62 -0.58 0.00	26.61 -0.59 0.00	22.69 -0.49 0.00	23.09 -0.28 0.00	21.48 -0.32 0.00
23769	29.39 1.93 0.00	30.00 1.71 0.00	27.93 1.55 0.00	29.24 1.55 0.00	34.53 1.90 0.00	36.78 2.07 0.00	52.79 3.19 0.00	42.51 2.70 0.00	36.48 2.47 0.00	25.07 2.05 3.01	27.48 1.86 0.00	16.27 1.68 9.40	20.02 1.58 4.77	23.21 1.58 1.83	29.45 1.92 0.00	30.62 1.97 0.00	29.38 1.97 0.00	30.71 2.21 0.00	31.52 2.26 0.00	32.34 2.15 0.00	29.13 1.93 0.00	24.81 1.63 0.00	24.86 1.49 0.00	24.59 1.43 -1.36
355974	26.75 -0.71 0.00	27.68 -0.61 0.00	25.80 -0.58 0.00	27.19 -0.51 0.00	32.05 -0.58 0.00	34.11 -0.59 0.00	48.96 -0.63 0.00	39.31 -0.51 0.00	33.33 -0.67 0.00	25.36 -0.68 0.00	24.96 -0.66 0.00	23.50 -0.49 0.00	22.66 -0.55 0.00	22.92 -0.55 0.00	26.86 -0.67 0.00	27.95 -0.71 0.00	26.52 -0.89 0.00	27.68 -0.82 0.00	28.52 -0.74 0.00	29.29 -0.91 0.00	26.29 -0.91 0.00	22.34 -0.83 0.00	22.41 -0.96 0.00	21.05 -0.87 -0.12
23786	29.37 1.91 0.00	29.96 1.68 0.00	27.89 1.51 0.00	29.16 1.46 0.00	34.45 1.82 0.00	36.66 1.95 0.00	52.60 3.00 0.00	42.41 2.60 0.00	36.50 2.50 0.00	29.38 2.15 -1.19	27.57 1.95 0.00	28.43 1.75 -2.70	27.16 1.69 -2.26	26.02 1.69 -0.86	29.55 2.02 0.00	30.70 2.04 0.00	29.42 2.01 0.00	30.74 2.24 0.00	31.56 2.30 0.00	32.36 2.16 0.00	29.16 1.96 0.00	24.83 1.66 0.00	24.85 1.49 0.00	24.62 1.42 -1.40
356055	30.21 2.75 0.00	30.91 2.62 0.00	28.73 2.35 0.00	30.09 2.39 0.00	35.47 2.84 0.00	37.86 3.15 0.00	53.91 4.32 0.00	43.64 3.83 0.00	37.58 3.58 0.00	30.46 2.96 -1.46	29.30 2.71 -0.97	40.34 2.54 -13.81	27.85 2.36 -2.28	28.93 2.39 -3.07	37.22 2.87 -6.82	45.84 2.96 -14.23	30.28 2.87 0.00	32.30 3.21 -0.58	32.42 3.16 0.00	33.40 3.21 0.00	30.01 2.81 0.00	25.54 2.36 0.00	27.65 2.24 -2.05	29.07 2.14 -5.13
23656	30.28 2.81 0.00	30.95 2.66 0.00	28.78 2.40 0.00	30.16 2.46 0.00	35.57 2.94 0.00	38.00 3.29 0.00	54.09 4.49 0.00	43.66 3.85 0.00	37.61 3.61 0.00	30.49 3.00 -1.46	29.27 2.68 -0.97	40.31 2.51 -13.81	27.81 2.32 -2.28	28.88 2.34 -3.07	37.16 2.81 -6.82	45.86 2.97 -14.23	30.20 2.80 0.00	32.21 3.12 -0.58	32.21 2.95 0.00	33.31 3.12 0.00	29.96 2.76 0.00	25.53 2.35 0.00	27.70 2.29 -2.05	29.12 2.19 -5.13
323691	30.35 2.88 0.00	31.03 2.74 0.00	28.84 2.46 0.00	30.22 2.52 0.00	35.64 3.01 0.00	38.09 3.38 0.00	54.23 4.63 0.00	43.76 3.95 0.00	37.69 3.69 0.00	30.55 3.05 -1.46	29.31 2.72 -0.97	40.35 2.55 -13.81	27.84 2.35 -2.28	28.91 2.38 -3.07	37.21 2.86 -6.82	45.92 3.03 -14.23	30.26 2.86 0.00	32.28 3.20 -0.58	32.29 3.03 0.00	33.38 3.19 0.00	30.03 2.83 0.00	25.58 2.41 0.00	27.76 2.35 -2.05	29.17 2.24 -5.13
24013	28.20 0.74 0.00	28.92 0.63 0.00	27.00 0.62 0.00	28.37 0.67 0.00	33.61 0.98 0.00	35.89 1.19 0.00	51.54 1.95 0.00	41.30 1.48 0.00	35.00 1.00 0.00	26.64 0.60 0.00	25.94 0.32 0.00	24.24 0.25 0.00	23.55 0.34 0.00	23.91 0.44 0.00	27.98 0.46 0.00	28.89 0.23 0.00	27.74 0.34 0.00	29.13 0.63 0.00	29.97 0.71 0.00	30.87 0.67 0.00	27.98 0.77 0.00	23.93 0.76 0.00	23.92 0.55 0.00	22.32 0.52 0.00
356100	27.19 -0.27 0.00	28.14 -0.15 0.00	26.35 -0.03 0.00	27.74 0.04 0.00	32.65 0.02 0.00	34.60 -0.11 0.00	49.41 -0.18 0.00	39.82 0.01 0.00	33.80 -0.20 0.00	25.68 -0.36 0.00	25.34 -0.27 0.00	23.80 -0.19 0.00	23.06 -0.14 0.00	23.39 -0.08 0.00	27.41 -0.11 0.00	28.68 0.03 0.00	27.28 -0.13 0.00	28.18 -0.32 0.00	28.99 -0.27 0.00	30.10 -0.10 0.00	27.03 -0.17 0.00	23.04 -0.14 0.00	23.42 0.05 0.00	21.76 -0.04 0.00

LI_NEWBRDGE___DRP 323616	29.73 2.26 0.00	30.38 2.10 0.00	28.26 1.88 0.00	29.59 1.89 0.00	34.90 2.27 0.00	37.21 2.50 0.00	53.10 3.50 0.00	42.89 3.08 0.00	36.89 2.89 0.00	29.93 2.43 -1.46	28.83 2.23 -0.97	39.88 2.08 -13.81	27.43 1.95 -2.28	28.50 1.96 -3.07	36.70 2.34 -6.82	45.28 2.40 -14.23	29.76 2.35 0.00	31.71 2.63 -0.58	31.83 2.57 0.00	32.76 2.56 0.00	29.47 2.27 0.00	25.07 1.90 0.00	27.19 1.78 -2.05	28.66 1.73 -5.13
LOCKPORT_115KV_TB60_63_64 80432	25.72 -1.74 0.00	27.02 -1.26 0.00	24.92 -1.46 0.00	26.42 -1.28 0.00	31.18 -1.45 0.00	32.92 -1.79 0.00	46.42 -3.17 0.00	36.80 -3.01 0.00	31.35 -2.65 0.00	24.01 -2.03 0.00	23.68 -1.93 0.00	22.32 -1.66 0.00	21.44 -1.77 0.00	21.68 -1.79 0.00	25.53 -1.99 0.00	26.62 -2.04 0.00	25.15 -2.26 0.00	26.10 -2.41 0.00	26.83 -2.43 0.00	27.33 -2.87 0.00	24.42 -2.78 0.00	20.66 -2.51 0.00	20.49 -2.87 0.00	19.46 -2.56 -0.21
LOCKPORT___CC1 323769	25.69 -1.78 0.00	27.00 -1.29 0.00	24.90 -1.49 0.00	26.38 -1.31 0.00	31.13 -1.50 0.00	32.87 -1.84 0.00	46.34 -3.26 0.00	36.76 -3.06 0.00	31.32 -2.68 0.00	23.99 -2.05 0.00	23.65 -1.96 0.00	22.30 -1.69 0.00	21.42 -1.79 0.00	21.65 -1.82 0.00	25.50 -2.03 0.00	26.58 -2.08 0.00	25.09 -2.31 0.00	26.07 -2.44 0.00	26.78 -2.48 0.00	27.29 -2.91 0.00	24.38 -2.82 0.00	20.63 -2.55 0.00	20.46 -2.91 0.00	19.42 -2.59 -0.21
LOCKPORT___CC2 323770	25.69 -1.78 0.00	27.00 -1.29 0.00	24.90 -1.49 0.00	26.38 -1.31 0.00	31.13 -1.50 0.00	32.87 -1.84 0.00	46.34 -3.26 0.00	36.76 -3.06 0.00	31.32 -2.68 0.00	23.99 -2.05 0.00	23.65 -1.96 0.00	22.30 -1.69 0.00	21.42 -1.79 0.00	21.65 -1.82 0.00	25.50 -2.03 0.00	26.58 -2.08 0.00	25.09 -2.31 0.00	26.07 -2.44 0.00	26.78 -2.48 0.00	27.29 -2.91 0.00	24.38 -2.82 0.00	20.63 -2.55 0.00	20.46 -2.91 0.00	19.42 -2.59 -0.21
LOCKPORT___CC3 323771	25.69 -1.78 0.00	27.00 -1.29 0.00	24.90 -1.49 0.00	26.38 -1.31 0.00	31.13 -1.50 0.00	32.87 -1.84 0.00	46.34 -3.26 0.00	36.76 -3.06 0.00	31.32 -2.68 0.00	23.99 -2.05 0.00	23.65 -1.96 0.00	22.30 -1.69 0.00	21.42 -1.79 0.00	21.65 -1.82 0.00	25.50 -2.03 0.00	26.58 -2.08 0.00	25.09 -2.31 0.00	26.07 -2.44 0.00	26.78 -2.48 0.00	27.29 -2.91 0.00	24.38 -2.82 0.00	20.63 -2.55 0.00	20.46 -2.91 0.00	19.42 -2.59 -0.21
LONG_LAKE_PHOENIX 24014	26.60 -0.86 0.00	27.45 -0.84 0.00	25.54 -0.84 0.00	26.87 -0.83 0.00	31.69 -0.94 0.00	33.73 -0.97 0.00	48.30 -1.30 0.00	38.74 -1.08 0.00	32.97 -1.03 0.00	25.19 -0.85 0.00	24.77 -0.85 0.00	23.25 -0.73 0.00	22.49 -0.72 0.00	22.71 -0.75 0.00	26.66 -0.86 0.00	27.80 -0.86 0.00	26.56 -0.85 0.00	27.70 -0.80 0.00	28.45 -0.81 0.00	29.28 -0.92 0.00	26.34 -0.86 0.00	22.37 -0.81 0.00	22.43 -0.94 0.00	21.09 -0.85 -0.14
LOVETT___3 23632	29.33 1.87 0.00	29.96 1.67 0.00	27.89 1.51 0.00	29.19 1.49 0.00	34.45 1.82 0.00	36.69 1.98 0.00	52.62 3.02 0.00	42.41 2.60 0.00	36.40 2.40 0.00	24.57 2.01 3.48	27.44 1.82 0.00	14.80 1.65 10.84	19.27 1.56 5.50	22.91 1.56 2.11	29.40 1.87 0.00	30.55 1.90 0.00	29.32 1.92 0.00	30.65 2.15 0.00	31.43 2.18 0.00	32.27 2.07 0.00	29.06 1.86 0.00	24.75 1.57 0.00	24.80 1.43 0.00	24.56 1.38 -1.38
LOVETT___4 23642	29.33 1.87 0.00	29.96 1.67 0.00	27.89 1.51 0.00	29.19 1.49 0.00	34.45 1.82 0.00	36.69 1.98 0.00	52.62 3.02 0.00	42.41 2.60 0.00	36.40 2.40 0.00	24.57 2.01 3.48	27.44 1.82 0.00	14.80 1.65 10.84	19.27 1.56 5.50	22.91 1.56 2.11	29.40 1.87 0.00	30.55 1.90 0.00	29.32 1.92 0.00	30.65 2.15 0.00	31.43 2.18 0.00	32.27 2.07 0.00	29.06 1.86 0.00	24.75 1.57 0.00	24.80 1.43 0.00	24.56 1.38 -1.38
LOVETT___5 23593	29.33 1.87 0.00	29.96 1.67 0.00	27.89 1.51 0.00	29.19 1.49 0.00	34.45 1.82 0.00	36.69 1.98 0.00	52.62 3.02 0.00	42.41 2.60 0.00	36.40 2.40 0.00	24.57 2.01 3.48	27.44 1.82 0.00	14.80 1.65 10.84	19.27 1.56 5.50	22.91 1.56 2.11	29.40 1.87 0.00	30.55 1.90 0.00	29.32 1.92 0.00	30.65 2.15 0.00	31.43 2.18 0.00	32.27 2.07 0.00	29.06 1.86 0.00	24.75 1.57 0.00	24.80 1.43 0.00	24.56 1.38 -1.38
LOWER RAQUET___HYD 24057	26.77 -0.69 0.00	27.71 -0.58 0.00	25.96 -0.42 0.00	27.33 -0.37 0.00	32.12 -0.51 0.00	33.99 -0.72 0.00	48.49 -1.11 0.00	39.03 -0.79 0.00	33.21 -0.79 0.00	25.29 -0.75 0.00	24.99 -0.63 0.00	23.44 -0.55 0.00	22.70 -0.51 0.00	23.00 -0.47 0.00	26.94 -0.58 0.00	28.15 -0.51 0.00	26.74 -0.66 0.00	27.63 -0.88 0.00	28.41 -0.85 0.00	29.50 -0.69 0.00	26.50 -0.70 0.00	22.59 -0.59 0.00	23.00 -0.36 0.00	21.44 -0.38 -0.02
LOWER___HUDSON 24059	28.90 1.44 0.00	29.61 1.32 0.00	27.61 1.23 0.00	28.95 1.25 0.00	34.13 1.50 0.00	36.27 1.57 0.00	51.89 2.29 0.00	41.59 1.77 0.00	35.51 1.51 0.00	27.18 1.13 0.00	26.57 0.95 0.00	24.86 0.87 0.00	24.06 0.85 0.00	24.40 0.93 0.00	28.61 1.08 0.00	29.69 1.03 0.00	28.60 1.19 0.00	29.87 1.37 0.00	30.61 1.36 0.00	31.48 1.28 0.00	28.42 1.22 0.00	24.26 1.09 0.00	24.41 1.05 0.00	24.62 1.10 -1.72
LOWVILLE_115KV_TB2 356335	27.49 0.03 0.00	28.50 0.21 0.00	26.70 0.32 0.00	28.23 0.53 0.00	33.39 0.76 0.00	35.61 0.91 0.00	51.25 1.65 0.00	41.20 1.39 0.00	34.77 0.76 0.00	26.28 0.23 0.00	25.83 0.21 0.00	24.26 0.27 0.00	23.36 0.16 0.00	23.61 0.14 0.00	27.57 0.04 0.00	28.59 -0.06 0.00	27.02 -0.38 0.00	28.16 -0.34 0.00	29.06 -0.20 0.00	29.90 -0.30 0.00	26.72 -0.48 0.00	22.62 -0.56 0.00	22.87 -0.50 0.00	21.47 -0.39 -0.06
LUTHERFT_115KV_GLOB_FND_222 355753	28.94 1.48 0.00	29.67 1.38 0.00	27.66 1.28 0.00	29.03 1.33 0.00	34.24 1.61 0.00	36.47 1.77 0.00	52.34 2.74 0.00	41.96 2.15 0.00	35.68 1.68 0.00	27.25 1.21 0.00	26.64 1.02 0.00	24.90 0.92 0.00	24.15 0.94 0.00	24.52 1.05 0.00	28.84 1.32 0.00	29.96 1.30 0.00	28.87 1.47 0.00	30.17 1.66 0.00	30.91 1.66 0.00	31.77 1.57 0.00	28.63 1.43 0.00	24.42 1.24 0.00	24.54 1.18 0.00	24.71 1.16 -1.75
LUTHERNY_35_KV_BK2 355980	28.95 1.49 0.00	29.67 1.38 0.00	27.65 1.27 0.00	29.03 1.33 0.00	34.25 1.62 0.00	36.49 1.78 0.00	52.42 2.82 0.00	42.02 2.21 0.00	35.70 1.70 0.00	27.26 1.22 0.00	26.67 1.05 0.00	24.92 0.94 0.00	24.16 0.96 0.00	24.54 1.07 0.00	28.88 1.35 0.00	29.97 1.31 0.00	28.87 1.47 0.00	30.18 1.68 0.00	30.94 1.68 0.00	31.78 1.58 0.00	28.64 1.44 0.00	24.44 1.26 0.00	24.55 1.19 0.00	24.72 1.17 -1.75
LWR___OSWEGATCHIE_HYD 23850	26.95 -0.51 0.00	27.93 -0.36 0.00	26.16 -0.23 0.00	27.60 -0.10 0.00	32.54 -0.09 0.00	34.58 -0.12 0.00	49.56 -0.03 0.00	39.88 0.06 0.00	33.75 -0.26 0.00	25.57 -0.47 0.00	25.22 -0.40 0.00	23.68 -0.31 0.00	22.86 -0.35 0.00	23.15 -0.32 0.00	27.09 -0.44 0.00	28.20 -0.45 0.00	26.72 -0.68 0.00	27.74 -0.76 0.00	28.59 -0.66 0.00	29.53 -0.67 0.00	26.45 -0.75 0.00	22.48 -0.70 0.00	22.78 -0.59 0.00	21.30 -0.55 -0.04

LYONS_FALL_HYD 23570	27.82 0.36 0.00	28.78 0.49 0.00	26.91 0.52 0.00	28.38 0.68 0.00	33.54 0.91 0.00	35.77 1.07 0.00	51.44 1.84 0.00	41.33 1.51 0.00	34.98 0.98 0.00	26.54 0.50 0.00	26.09 0.47 0.00	24.46 0.47 0.00	23.63 0.42 0.00	23.87 0.40 0.00	27.93 0.40 0.00	29.00 0.34 0.00	27.54 0.13 0.00	28.73 0.23 0.00	29.56 0.30 0.00	30.43 0.23 0.00	27.27 0.07 0.00	23.12 -0.06 0.00	23.31 -0.05 0.00	21.85 0.00 -0.05
MADISON___COUNTY_LFGE 323628	28.19 0.73 0.00	29.12 0.83 0.00	27.14 0.76 0.00	28.57 0.87 0.00	33.71 1.08 0.00	35.97 1.26 0.00	51.67 2.07 0.00	41.48 1.67 0.00	35.20 1.20 0.00	26.78 0.74 0.00	26.34 0.72 0.00	24.64 0.65 0.00	23.93 0.72 0.00	24.18 0.71 0.00	28.31 0.78 0.00	29.50 0.85 0.00	28.20 0.80 0.00	29.46 0.95 0.00	30.20 0.95 0.00	31.08 0.88 0.00	27.95 0.74 0.00	23.72 0.54 0.00	23.80 0.43 0.00	22.31 0.41 -0.09
MALONE___115KV_TB1 356076	27.31 -0.16 0.00	28.25 -0.03 0.00	26.61 0.22 0.00	28.08 0.38 0.00	33.12 0.48 0.00	35.20 0.49 0.00	50.17 0.58 0.00	40.35 0.53 0.00	34.54 0.54 0.00	26.40 0.36 0.00	26.05 0.43 0.00	24.39 0.40 0.00	23.63 0.43 0.00	23.97 0.50 0.00	28.14 0.62 0.00	29.37 0.71 0.00	27.85 0.44 0.00	28.70 0.20 0.00	29.50 0.25 0.00	30.75 0.55 0.00	27.55 0.35 0.00	23.43 0.26 0.00	23.72 0.35 0.00	22.12 0.32 0.00
MAPLEWOD_115KV_TB3 80458	28.97 1.50 0.00	29.67 1.38 0.00	27.67 1.29 0.00	29.00 1.30 0.00	34.19 1.56 0.00	36.35 1.65 0.00	51.91 2.31 0.00	41.49 1.68 0.00	35.46 1.46 0.00	27.13 1.09 0.00	26.47 0.85 0.00	24.79 0.81 0.00	24.00 0.80 0.00	24.34 0.87 0.00	28.43 0.90 0.00	29.55 0.90 0.00	28.46 1.05 0.00	29.76 1.26 0.00	30.51 1.25 0.00	31.43 1.24 0.00	28.35 1.15 0.00	24.19 1.02 0.00	24.35 0.98 0.00	24.66 1.15 -1.71
MAPLE_RIDGE_WT_1 323574	27.09 -0.38 0.00	28.05 -0.24 0.00	26.22 -0.16 0.00	27.59 -0.11 0.00	32.52 -0.11 0.00	34.58 -0.12 0.00	49.32 -0.28 0.00	39.61 -0.20 0.00	33.83 -0.17 0.00	25.90 -0.14 0.00	25.53 -0.09 0.00	23.91 -0.08 0.00	23.14 -0.07 0.00	23.36 -0.10 0.00	27.35 -0.17 0.00	28.37 -0.28 0.00	26.86 -0.55 0.00	27.73 -0.76 0.00	28.37 -0.89 0.00	29.46 -0.74 0.00	26.51 -0.69 0.00	22.57 -0.60 0.00	22.86 -0.51 0.00	21.30 -0.51 0.00
MAPLE_RIDGE_WT_2 323611	27.09 -0.38 0.00	28.05 -0.24 0.00	26.22 -0.16 0.00	27.59 -0.11 0.00	32.52 -0.11 0.00	34.58 -0.12 0.00	49.32 -0.28 0.00	39.61 -0.20 0.00	33.83 -0.17 0.00	25.90 -0.14 0.00	25.53 -0.09 0.00	23.91 -0.08 0.00	23.14 -0.07 0.00	23.36 -0.10 0.00	27.35 -0.17 0.00	28.37 -0.28 0.00	26.86 -0.55 0.00	27.73 -0.76 0.00	28.37 -0.89 0.00	29.46 -0.74 0.00	26.51 -0.69 0.00	22.57 -0.60 0.00	22.86 -0.51 0.00	21.30 -0.51 0.00
MARBLE_RIVER_WT_PWR 323696	26.82 -0.64 0.00	27.76 -0.53 0.00	26.19 -0.20 0.00	27.69 -0.01 0.00	32.71 0.08 0.00	34.79 0.08 0.00	49.53 -0.07 0.00	39.78 -0.03 0.00	34.23 0.23 0.00	26.22 0.18 0.00	25.89 0.27 0.00	24.24 0.26 0.00	23.52 0.31 0.00	23.83 0.37 0.00	28.01 0.48 0.00	29.15 0.50 0.00	27.62 0.21 0.00	28.38 -0.12 0.00	29.12 -0.14 0.00	30.41 0.21 0.00	27.22 0.01 0.00	23.15 -0.03 0.00	23.42 0.06 0.00	21.91 0.11 0.00
MARSHVLE_115KV_TB1 80742	28.57 1.11 0.00	29.54 1.25 0.00	27.59 1.21 0.00	29.06 1.37 0.00	34.37 1.74 0.00	36.70 1.99 0.00	52.35 2.75 0.00	42.22 2.40 0.00	35.83 1.83 0.00	27.27 1.23 0.00	26.88 1.27 0.00	25.13 1.15 0.00	24.26 1.05 0.00	24.66 1.19 0.00	28.85 1.33 0.00	29.96 1.30 0.00	28.78 1.37 0.00	29.94 1.44 0.00	30.81 1.55 0.00	31.86 1.67 0.00	28.62 1.42 0.00	24.40 1.22 0.00	24.50 1.14 0.00	24.55 0.74 -2.00
MARSH_HILL_WT_PWR 323713	27.41 -0.05 0.00	28.94 0.65 0.00	26.98 0.59 0.00	28.59 0.89 0.00	33.63 1.00 0.00	36.02 1.31 0.00	51.85 2.25 0.00	41.75 1.93 0.00	35.23 1.24 0.00	26.65 0.61 0.00	26.15 0.53 0.00	24.36 0.37 0.00	22.72 -0.49 0.00	22.58 -0.88 0.00	26.12 -1.40 0.00	27.26 -1.40 0.00	25.90 -1.51 0.00	27.06 -1.44 0.00	27.93 -1.33 0.00	28.74 -1.45 0.00	26.02 -1.18 0.00	21.99 -1.19 0.00	22.22 -1.15 0.00	21.31 -0.81 -0.33
MCINTYRE_115KV_TB2 80467	27.45 -0.02 0.00	28.41 0.12 0.00	26.59 0.21 0.00	27.98 0.28 0.00	32.95 0.32 0.00	34.97 0.26 0.00	49.88 0.28 0.00	40.22 0.41 0.00	34.05 0.05 0.00	25.85 -0.19 0.00	25.51 -0.10 0.00	24.00 0.02 0.00	23.26 0.06 0.00	23.60 0.13 0.00	27.66 0.14 0.00	28.98 0.33 0.00	27.60 0.19 0.00	28.53 0.03 0.00	29.33 0.08 0.00	30.47 0.27 0.00	27.37 0.17 0.00	23.34 0.16 0.00	23.69 0.32 0.00	21.98 0.18 0.00
MECO_____69_KV_BK1 80468	30.07 2.60 0.00	31.01 2.72 0.00	28.94 2.56 0.00	30.45 2.76 0.00	36.02 3.39 0.00	38.54 3.83 0.00	55.34 5.74 0.00	44.56 4.75 0.00	37.23 3.23 0.00	27.61 1.57 0.00	26.76 1.15 0.00	24.92 0.93 0.00	24.06 0.85 0.00	25.16 1.69 0.00	29.57 2.04 0.00	30.50 1.84 0.00	30.26 2.85 0.00	31.85 3.35 0.00	32.74 3.48 0.00	33.78 3.58 0.00	30.30 3.10 0.00	25.71 2.53 0.00	25.71 2.35 0.00	25.66 1.93 -1.93
MENANDS___115KV_TB5 355628	28.91 1.44 0.00	29.60 1.31 0.00	27.62 1.24 0.00	28.93 1.24 0.00	34.10 1.47 0.00	36.26 1.55 0.00	51.72 2.12 0.00	41.29 1.48 0.00	35.31 1.31 0.00	27.04 0.99 0.00	26.35 0.74 0.00	24.70 0.71 0.00	23.92 0.72 0.00	24.23 0.75 0.00	28.28 0.76 0.00	29.39 0.73 0.00	28.31 0.90 0.00	29.58 1.08 0.00	30.33 1.08 0.00	31.26 1.07 0.00	28.21 1.01 0.00	24.08 0.90 0.00	24.24 0.88 0.00	24.62 1.11 -1.71
MG INDUSTRY___DRP 24185	28.81 1.35 0.00	29.57 1.28 0.00	27.58 1.20 0.00	28.92 1.23 0.00	34.09 1.47 0.00	36.26 1.55 0.00	51.75 2.16 0.00	41.30 1.48 0.00	35.16 1.16 0.00	26.85 0.81 0.00	26.24 0.62 0.00	24.60 0.61 0.00	23.83 0.62 0.00	24.11 0.64 0.00	28.29 0.76 0.00	29.41 0.75 0.00	28.35 0.94 0.00	29.63 1.13 0.00	30.38 1.13 0.00	31.32 1.12 0.00	28.23 1.03 0.00	24.08 0.90 0.00	24.24 0.87 0.00	24.51 1.04 -1.67
MID___OSWEGATCHIE_HYD 23849	26.95 -0.51 0.00	27.93 -0.36 0.00	26.16 -0.23 0.00	27.60 -0.10 0.00	32.54 -0.09 0.00	34.58 -0.12 0.00	49.56 -0.03 0.00	39.88 0.06 0.00	33.75 -0.26 0.00	25.57 -0.47 0.00	25.22 -0.40 0.00	23.68 -0.31 0.00	22.86 -0.35 0.00	23.15 -0.32 0.00	27.09 -0.44 0.00	28.20 -0.45 0.00	26.72 -0.68 0.00	27.74 -0.76 0.00	28.59 -0.66 0.00	29.53 -0.67 0.00	26.45 -0.75 0.00	22.48 -0.70 0.00	22.78 -0.59 0.00	21.30 -0.55 -0.04
MID___RAQUETTE_HYD 23851	26.77 -0.69 0.00	27.71 -0.58 0.00	25.96 -0.42 0.00	27.33 -0.37 0.00	32.12 -0.51 0.00	33.99 -0.72 0.00	48.49 -1.11 0.00	39.03 -0.79 0.00	33.21 -0.79 0.00	25.29 -0.75 0.00	24.99 -0.63 0.00	23.44 -0.55 0.00	22.70 -0.51 0.00	23.00 -0.47 0.00	26.94 -0.58 0.00	28.15 -0.51 0.00	26.74 -0.66 0.00	27.63 -0.88 0.00	28.41 -0.85 0.00	29.50 -0.69 0.00	26.50 -0.70 0.00	22.59 -0.59 0.00	23.00 -0.36 0.00	21.44 -0.39 -0.02

MILLIKEN___1 23584	27.80 0.34 0.00	28.78 0.50 0.00	26.75 0.37 0.00	28.16 0.47 0.00	33.26 0.63 0.00	35.47 0.76 0.00	50.80 1.20 0.00	40.79 0.98 0.00	34.61 0.61 0.00	26.35 0.31 0.00	25.91 0.30 0.00	24.29 0.31 0.00	23.49 0.28 0.00	23.64 0.17 0.00	27.83 0.30 0.00	29.07 0.42 0.00	27.73 0.32 0.00	28.97 0.46 0.00	29.77 0.51 0.00	30.64 0.45 0.00	27.58 0.38 0.00	23.38 0.21 0.00	23.41 0.05 0.00	22.17 0.06 -0.31
MILLIKEN___2 23585	27.80 0.34 0.00	28.78 0.50 0.00	26.75 0.37 0.00	28.16 0.47 0.00	33.26 0.63 0.00	35.47 0.76 0.00	50.80 1.20 0.00	40.79 0.98 0.00	34.61 0.61 0.00	26.35 0.31 0.00	25.91 0.30 0.00	24.29 0.31 0.00	23.49 0.28 0.00	23.64 0.17 0.00	27.83 0.30 0.00	29.07 0.42 0.00	27.73 0.32 0.00	28.97 0.46 0.00	29.77 0.51 0.00	30.64 0.45 0.00	27.58 0.38 0.00	23.38 0.21 0.00	23.41 0.05 0.00	22.17 0.06 -0.31
MILLIKEN___DIESEL 23629	27.80 0.34 0.00	28.78 0.50 0.00	26.75 0.37 0.00	28.16 0.47 0.00	33.26 0.63 0.00	35.47 0.76 0.00	50.80 1.20 0.00	40.79 0.98 0.00	34.61 0.61 0.00	26.35 0.31 0.00	25.91 0.30 0.00	24.29 0.31 0.00	23.49 0.28 0.00	23.64 0.17 0.00	27.83 0.30 0.00	29.07 0.42 0.00	27.73 0.32 0.00	28.97 0.46 0.00	29.77 0.51 0.00	30.64 0.45 0.00	27.58 0.38 0.00	23.38 0.21 0.00	23.41 0.05 0.00	22.17 0.06 -0.31
MILLSEAT___LFGE 323607	26.27 -1.19 0.00	27.57 -0.72 0.00	25.43 -0.95 0.00	26.95 -0.75 0.00	31.81 -0.82 0.00	33.66 -1.04 0.00	47.65 -1.95 0.00	37.89 -1.93 0.00	32.21 -1.79 0.00	24.68 -1.36 0.00	24.37 -1.25 0.00	22.92 -1.07 0.00	22.01 -1.20 0.00	22.30 -1.16 0.00	26.27 -1.25 0.00	27.39 -1.27 0.00	25.90 -1.51 0.00	26.92 -1.58 0.00	27.66 -1.59 0.00	28.21 -1.99 0.00	25.20 -2.01 0.00	21.30 -1.87 0.00	21.11 -2.26 0.00	19.99 -2.02 -0.21
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.37 1.91 0.00	30.00 1.71 0.00	27.94 1.55 0.00	29.24 1.55 0.00	34.51 1.88 0.00	36.75 2.04 0.00	52.70 3.10 0.00	42.46 2.64 0.00	36.44 2.44 0.00	29.72 2.03 -1.64	27.46 1.84 0.00	30.78 1.67 -5.12	27.39 1.58 -2.60	26.04 1.58 -1.00	29.41 1.89 0.00	30.58 1.92 0.00	29.34 1.93 0.00	30.68 2.18 0.00	31.46 2.20 0.00	32.30 2.10 0.00	29.09 1.88 0.00	24.77 1.59 0.00	24.83 1.46 0.00	24.60 1.40 -1.40
MILLWOOD_13_KV_LOAD 356217	29.44 1.98 0.00	30.07 1.79 0.00	28.00 1.62 0.00	29.31 1.61 0.00	34.60 1.97 0.00	36.85 2.14 0.00	52.85 3.25 0.00	42.58 2.77 0.00	36.54 2.54 0.00	29.79 2.11 -1.64	27.54 1.92 0.00	30.86 1.75 -5.12	27.45 1.65 -2.60	26.12 1.65 -1.00	29.50 1.98 0.00	30.67 2.01 0.00	29.44 2.03 0.00	30.77 2.27 0.00	31.57 2.31 0.00	32.40 2.20 0.00	29.17 1.97 0.00	24.84 1.66 0.00	24.89 1.52 0.00	24.66 1.46 -1.40
MODEL_CITY_ENERGY 24167	25.43 -2.03 0.00	26.74 -1.55 0.00	24.65 -1.73 0.00	26.13 -1.57 0.00	30.83 -1.80 0.00	32.54 -2.17 0.00	45.81 -3.79 0.00	36.28 -3.54 0.00	30.92 -3.08 0.00	23.67 -2.37 0.00	23.34 -2.28 0.00	22.01 -1.98 0.00	21.15 -2.05 0.00	21.39 -2.08 0.00	25.17 -2.35 0.00	26.25 -2.40 0.00	24.80 -2.61 0.00	25.76 -2.74 0.00	26.46 -2.80 0.00	26.96 -3.24 0.00	24.09 -3.12 0.00	20.38 -2.79 0.00	20.22 -3.15 0.00	19.21 -2.81 -0.22
MODERN_LFGE___ 323580	25.43 -2.03 0.00	26.74 -1.55 0.00	24.65 -1.73 0.00	26.13 -1.57 0.00	30.83 -1.80 0.00	32.54 -2.17 0.00	45.81 -3.79 0.00	36.28 -3.54 0.00	30.92 -3.08 0.00	23.67 -2.37 0.00	23.34 -2.28 0.00	22.01 -1.98 0.00	21.15 -2.05 0.00	21.39 -2.08 0.00	25.17 -2.35 0.00	26.25 -2.40 0.00	24.80 -2.61 0.00	25.76 -2.74 0.00	26.46 -2.80 0.00	26.96 -3.24 0.00	24.09 -3.12 0.00	20.38 -2.79 0.00	20.22 -3.15 0.00	19.21 -2.81 -0.22
MOHAWK_PAPER___DRP 24187	28.97 1.50 0.00	29.67 1.38 0.00	27.67 1.29 0.00	29.00 1.30 0.00	34.19 1.56 0.00	36.35 1.65 0.00	51.91 2.31 0.00	41.49 1.68 0.00	35.46 1.46 0.00	27.13 1.09 0.00	26.47 0.85 0.00	24.79 0.81 0.00	24.00 0.80 0.00	24.34 0.87 0.00	28.43 0.90 0.00	29.55 0.90 0.00	28.46 1.05 0.00	29.76 1.26 0.00	30.51 1.25 0.00	31.43 1.24 0.00	28.35 1.15 0.00	24.19 1.02 0.00	24.35 0.98 0.00	24.66 1.15 -1.71
MOHICAN___35_KV_115KV_LD 80490	28.71 1.25 0.00	29.40 1.11 0.00	27.42 1.04 0.00	28.77 1.07 0.00	33.94 1.32 0.00	36.28 1.57 0.00	52.22 2.63 0.00	41.89 2.08 0.00	35.52 1.51 0.00	27.04 0.99 0.00	26.41 0.79 0.00	24.67 0.69 0.00	23.97 0.76 0.00	24.35 0.88 0.00	28.79 1.27 0.00	29.87 1.21 0.00	28.91 1.50 0.00	30.17 1.67 0.00	30.87 1.62 0.00	31.67 1.47 0.00	28.52 1.32 0.00	24.38 1.20 0.00	24.50 1.13 0.00	24.64 1.09 -1.75
MONGAUP___HYD 23641	29.07 1.61 0.00	29.74 1.45 0.00	27.69 1.31 0.00	29.14 1.44 0.00	34.25 1.62 0.00	36.46 1.75 0.00	52.10 2.50 0.00	41.93 2.12 0.00	35.79 1.78 0.00	26.00 1.36 1.40	26.96 1.35 0.00	20.75 1.13 4.37	21.98 0.99 2.21	23.59 0.97 0.85	28.84 1.31 0.00	30.14 1.48 0.00	28.84 1.44 0.00	30.21 1.71 0.00	31.13 1.87 0.00	31.86 1.66 0.00	28.69 1.49 0.00	24.45 1.28 0.00	24.66 1.29 0.00	24.26 1.20 -1.26
MONTAUK___DIESEL 23721	31.28 3.82 0.00	32.00 3.71 0.00	29.76 3.37 0.00	31.20 3.50 0.00	36.81 4.18 0.00	39.36 4.66 0.00	56.13 6.53 0.00	45.28 5.46 0.00	38.94 4.94 0.00	31.48 3.98 -1.46	30.18 3.59 -0.97	41.12 3.33 -13.81	28.56 3.08 -2.28	29.63 3.09 -3.07	38.07 3.71 -6.82	46.83 3.94 -14.23	31.19 3.78 0.00	33.32 4.23 -0.58	33.33 4.07 0.00	34.45 4.25 0.00	30.97 3.77 0.00	26.35 3.18 0.00	28.49 3.08 -2.05	29.82 2.89 -5.13
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.12 -0.34 0.00	28.47 0.18 0.00	26.32 -0.06 0.00	27.92 0.22 0.00	32.84 0.21 0.00	34.84 0.13 0.00	49.61 0.01 0.00	39.60 -0.21 0.00	33.22 -0.78 0.00	25.26 -0.78 0.00	24.79 -0.82 0.00	22.99 -0.99 0.00	21.83 -1.37 0.00	21.87 -1.60 0.00	25.81 -1.72 0.00	26.99 -1.66 0.00	25.42 -1.98 0.00	26.49 -2.01 0.00	27.24 -2.02 0.00	27.95 -2.24 0.00	25.18 -2.02 0.00	21.36 -1.82 0.00	21.39 -1.98 0.00	20.36 -1.68 -0.24
MORTIMER_115KV_TB3 55949	26.40 -1.06 0.00	27.51 -0.78 0.00	25.46 -0.92 0.00	26.91 -0.79 0.00	31.75 -0.88 0.00	33.66 -1.04 0.00	47.94 -1.66 0.00	38.32 -1.50 0.00	32.60 -1.40 0.00	24.98 -1.07 0.00	24.64 -0.98 0.00	23.18 -0.80 0.00	22.31 -0.90 0.00	22.58 -0.89 0.00	26.56 -0.96 0.00	27.70 -0.96 0.00	26.29 -1.12 0.00	27.34 -1.16 0.00	28.10 -1.16 0.00	28.75 -1.45 0.00	25.77 -1.44 0.00	21.82 -1.36 0.00	21.74 -1.62 0.00	20.54 -1.46 -0.19
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.57 2.10 0.00	30.18 1.89 0.00	28.11 1.73 0.00	29.38 1.69 0.00	34.70 2.07 0.00	36.93 2.22 0.00	52.98 3.38 0.00	42.73 2.91 0.00	36.75 2.75 0.00	30.71 2.33 -2.34	27.75 2.13 0.00	30.34 1.93 -4.43	27.30 1.84 -2.25	26.16 1.83 -0.86	29.72 2.19 0.00	30.88 2.22 0.00	29.59 2.19 0.00	30.93 2.43 0.00	31.74 2.48 0.00	32.56 2.36 0.00	29.33 2.12 0.00	24.97 1.79 0.00	24.98 1.62 0.00	24.74 1.54 -1.40

MUNSVILLE_WIND_PWR 323609	29.03 1.57 0.00	30.61 2.32 0.00	28.46 2.07 0.00	30.23 2.53 0.00	35.91 3.28 0.00	38.37 3.66 0.00	55.41 5.81 0.00	44.72 4.91 0.00	37.66 3.66 0.00	28.51 2.47 0.00	27.96 2.34 0.00	26.14 2.15 0.00	25.39 2.19 0.00	25.40 1.93 0.00	29.48 1.96 0.00	30.79 2.14 0.00	29.04 1.63 0.00	30.42 1.92 0.00	31.26 2.00 0.00	32.18 1.99 0.00	28.96 1.75 0.00	24.44 1.26 0.00	24.38 1.02 0.00	23.23 0.98 -0.45
N SALMON___HYD 24042	27.31 -0.16 0.00	28.25 -0.03 0.00	26.61 0.22 0.00	28.08 0.38 0.00	33.11 0.48 0.00	35.20 0.49 0.00	50.17 0.58 0.00	40.35 0.53 0.00	34.54 0.54 0.00	26.40 0.36 0.00	26.05 0.43 0.00	24.39 0.40 0.00	23.63 0.43 0.00	23.97 0.50 0.00	28.14 0.62 0.00	29.37 0.71 0.00	27.85 0.44 0.00	28.70 0.20 0.00	29.51 0.25 0.00	30.75 0.55 0.00	27.55 0.35 0.00	23.43 0.26 0.00	23.72 0.35 0.00	22.12 0.32 0.00
N.AKRON___115KV_KNAPP 355671	26.26 -1.20 0.00	27.56 -0.72 0.00	25.43 -0.96 0.00	26.95 -0.75 0.00	31.81 -0.82 0.00	33.65 -1.05 0.00	47.62 -1.98 0.00	37.86 -1.95 0.00	32.19 -1.81 0.00	24.67 -1.37 0.00	24.36 -1.26 0.00	22.90 -1.08 0.00	21.99 -1.22 0.00	22.28 -1.18 0.00	26.24 -1.29 0.00	27.37 -1.29 0.00	25.87 -1.53 0.00	26.87 -1.63 0.00	27.63 -1.63 0.00	28.15 -2.04 0.00	25.16 -2.05 0.00	21.26 -1.91 0.00	21.08 -2.29 0.00	19.97 -2.04 -0.21
N.BELMOR_69_KV_BK1 55787	29.95 2.48 0.00	30.61 2.32 0.00	28.46 2.07 0.00	29.79 2.10 0.00	35.14 2.51 0.00	37.46 2.76 0.00	53.36 3.76 0.00	43.18 3.37 0.00	37.15 3.15 0.00	30.12 2.63 -1.46	29.04 2.45 -0.97	40.08 2.28 -13.81	27.63 2.14 -2.28	28.70 2.16 -3.07	36.93 2.58 -6.82	45.52 2.63 -14.23	29.98 2.57 0.00	31.97 2.88 -0.58	32.10 2.84 0.00	33.03 2.83 0.00	29.70 2.49 0.00	25.26 2.08 0.00	27.39 1.98 -2.05	28.84 1.91 -5.13
N.E_GEN_SANDY PD 24062	29.20 1.73 0.00	29.86 1.57 0.00	27.83 1.45 0.00	29.14 1.44 0.00	34.35 1.72 0.00	36.51 1.80 0.00	52.26 2.67 0.00	42.03 2.22 0.00	35.99 1.99 0.00	28.31 1.59 -0.68	27.03 1.41 0.00	26.46 1.28 -1.19	25.04 1.23 -0.60	24.95 1.25 -0.23	28.97 1.45 0.00	31.96 1.40 -1.91	32.99 1.54 -4.05	30.22 1.72 0.00	33.45 1.73 -2.47	31.43 1.60 0.36	28.71 1.50 0.00	24.71 1.33 -0.20	25.30 1.26 -0.67	26.69 1.28 -3.60
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.34 1.88 0.00	29.97 1.68 0.00	27.90 1.52 0.00	29.22 1.52 0.00	34.48 1.85 0.00	36.72 2.01 0.00	52.68 3.09 0.00	42.43 2.62 0.00	36.42 2.42 0.00	24.81 2.02 3.24	27.44 1.83 0.00	15.53 1.65 10.11	19.63 1.56 5.13	23.05 1.56 1.97	29.40 1.88 0.00	30.58 1.92 0.00	29.33 1.93 0.00	30.67 2.17 0.00	31.46 2.20 0.00	32.29 2.09 0.00	29.08 1.88 0.00	24.77 1.59 0.00	24.82 1.45 0.00	24.57 1.40 -1.37
N.QUEENS_27_KV_LOAD 356247	29.67 2.20 0.00	30.23 1.94 0.00	28.17 1.79 0.00	29.38 1.68 0.00	34.70 2.07 0.00	36.95 2.24 0.00	53.03 3.44 0.00	42.82 3.00 0.00	36.84 2.84 0.00	30.58 2.38 -2.17	27.81 2.20 0.01	30.39 1.98 -4.42	27.34 1.89 -2.24	26.16 1.83 -0.86	29.75 2.23 0.00	30.89 2.23 0.00	29.61 2.21 0.00	30.94 2.44 0.00	31.75 2.49 0.00	32.57 2.37 0.00	29.34 2.14 0.00	24.99 1.81 0.00	24.99 1.62 0.00	24.76 1.55 -1.40
N.TROY___115KV_TB1 355778	28.90 1.44 0.00	29.61 1.32 0.00	27.61 1.23 0.00	28.95 1.25 0.00	34.13 1.50 0.00	36.28 1.57 0.00	51.89 2.30 0.00	41.59 1.77 0.00	35.51 1.51 0.00	27.18 1.13 0.00	26.57 0.96 0.00	24.86 0.87 0.00	24.06 0.86 0.00	24.40 0.93 0.00	28.61 1.09 0.00	29.69 1.04 0.00	28.60 1.19 0.00	29.87 1.37 0.00	30.61 1.36 0.00	31.48 1.28 0.00	28.42 1.22 0.00	24.26 1.09 0.00	24.41 1.05 0.00	24.63 1.10 -1.72
NARROWS_GT1_1 24228	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT1_2 24229	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT1_3 24230	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT1_4 24231	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT1_5 24232	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT1_6 24233	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT1_7 24234	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40

NARROWS_GT1_8 24235	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT2_1 24236	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT2_2 24237	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT2_3 24238	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT2_4 24239	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT2_5 24240	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT2_6 24241	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT2_7 24242	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NARROWS_GT2_8 24243	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.15 2.64 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.86 1.66 -1.40
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.63 2.16 0.00	30.41 2.13 0.00	28.37 1.99 0.00	29.76 2.06 0.00	35.09 2.46 0.00	37.38 2.67 0.00	53.42 3.82 0.00	42.59 2.78 0.00	36.10 2.10 0.00	27.33 1.29 0.00	26.53 0.91 0.00	24.84 0.85 0.00	24.11 0.90 0.00	24.41 0.94 0.00	28.65 1.12 0.00	29.91 1.25 0.00	28.97 1.56 0.00	30.41 1.92 0.00	31.21 1.95 0.00	32.20 2.00 0.00	28.97 1.76 0.00	24.68 1.50 0.00	24.79 1.43 0.00	25.08 1.67 -1.61
NCHELSEA_115KV_TR2 355582	29.54 2.07 0.00	30.20 1.91 0.00	28.12 1.73 0.00	29.45 1.75 0.00	34.75 2.13 0.00	37.02 2.32 0.00	53.17 3.57 0.00	42.82 3.01 0.00	36.63 2.63 0.00	28.15 2.11 0.00	27.53 1.92 0.00	25.73 1.74 0.00	24.86 1.65 0.00	25.11 1.64 0.00	29.52 2.00 0.00	30.72 2.07 0.00	29.53 2.12 0.00	30.89 2.39 0.00	31.70 2.44 0.00	32.53 2.34 0.00	29.29 2.09 0.00	24.93 1.76 0.00	24.97 1.61 0.00	24.72 1.53 -1.39
NEG CAPITAL___MECHNVIL 23645	29.00 1.54 0.00	29.73 1.44 0.00	27.71 1.33 0.00	29.07 1.38 0.00	34.29 1.66 0.00	36.52 1.82 0.00	52.40 2.80 0.00	42.00 2.19 0.00	35.76 1.76 0.00	27.33 1.29 0.00	26.72 1.10 0.00	24.95 0.96 0.00	24.19 0.98 0.00	24.60 1.13 0.00	28.90 1.38 0.00	29.99 1.33 0.00	28.92 1.51 0.00	30.22 1.72 0.00	30.97 1.71 0.00	31.83 1.64 0.00	28.69 1.48 0.00	24.46 1.28 0.00	24.58 1.21 0.00	24.74 1.20 -1.74
NEG CENTRAL_HIGH_ACRES 23767	26.07 -1.39 0.00	27.09 -1.20 0.00	25.12 -1.26 0.00	26.51 -1.19 0.00	31.28 -1.35 0.00	33.24 -1.47 0.00	47.42 -2.18 0.00	37.94 -1.87 0.00	32.25 -1.75 0.00	24.68 -1.36 0.00	24.35 -1.27 0.00	22.91 -1.07 0.00	22.08 -1.13 0.00	22.32 -1.15 0.00	26.26 -1.26 0.00	27.37 -1.28 0.00	26.02 -1.38 0.00	27.08 -1.42 0.00	27.83 -1.43 0.00	28.51 -1.69 0.00	25.57 -1.63 0.00	21.67 -1.51 0.00	21.62 -1.75 0.00	20.41 -1.58 -0.19
NEG CENTRAL___DRP 24199	27.21 -0.25 0.00	28.22 -0.07 0.00	26.23 -0.16 0.00	27.62 -0.08 0.00	32.53 -0.10 0.00	34.74 0.03 0.00	49.69 0.09 0.00	39.86 0.05 0.00	33.83 -0.17 0.00	25.83 -0.21 0.00	25.44 -0.17 0.00	23.90 -0.09 0.00	22.97 -0.24 0.00	23.15 -0.32 0.00	27.19 -0.34 0.00	28.39 -0.26 0.00	27.09 -0.32 0.00	28.23 -0.27 0.00	29.02 -0.24 0.00	29.83 -0.36 0.00	26.85 -0.36 0.00	22.76 -0.41 0.00	22.78 -0.58 0.00	21.49 -0.52 -0.21
NEG CENTRAL___INDECK 23768	27.74 0.28 0.00	29.02 0.73 0.00	26.95 0.57 0.00	28.52 0.82 0.00	33.62 0.99 0.00	35.84 1.14 0.00	51.48 1.88 0.00	41.34 1.53 0.00	34.77 0.77 0.00	26.40 0.36 0.00	26.09 0.48 0.00	24.33 0.34 0.00	23.07 -0.14 0.00	23.40 -0.07 0.00	27.13 -0.39 0.00	28.61 -0.04 0.00	27.24 -0.16 0.00	28.47 -0.02 0.00	29.35 0.09 0.00	30.12 -0.08 0.00	27.14 -0.07 0.00	22.87 -0.30 0.00	22.83 -0.53 0.00	21.65 -0.43 -0.28

NEG CENTRAL___SENECA 23627	27.32 -0.14 0.00	28.40 0.11 0.00	26.39 0.01 0.00	27.84 0.14 0.00	32.71 0.08 0.00	34.99 0.28 0.00	50.07 0.47 0.00	40.18 0.36 0.00	34.03 0.03 0.00	26.01 -0.03 0.00	25.62 0.01 0.00	24.08 0.09 0.00	23.07 -0.13 0.00	23.25 -0.21 0.00	27.28 -0.24 0.00	28.51 -0.15 0.00	27.17 -0.24 0.00	28.32 -0.18 0.00	29.13 -0.13 0.00	29.91 -0.28 0.00	26.92 -0.28 0.00	22.80 -0.38 0.00	22.80 -0.57 0.00	21.53 -0.50 -0.23
NEG CENTRAL___STATE_STREET 24147	27.34 -0.12 0.00	28.29 0.00 0.00	26.28 -0.10 0.00	27.59 -0.11 0.00	32.65 0.03 0.00	34.82 0.12 0.00	49.66 0.07 0.00	39.82 0.01 0.00	33.83 -0.17 0.00	25.82 -0.22 0.00	25.41 -0.21 0.00	23.85 -0.13 0.00	23.03 -0.18 0.00	23.21 -0.26 0.00	27.30 -0.23 0.00	28.49 -0.17 0.00	27.19 -0.22 0.00	28.35 -0.15 0.00	29.14 -0.11 0.00	29.98 -0.21 0.00	27.06 -0.14 0.00	22.96 -0.21 0.00	23.01 -0.36 0.00	21.70 -0.31 -0.20
NEG MILLWOOD___DRP 24198	29.71 2.25 0.00	30.38 2.09 0.00	28.29 1.90 0.00	29.61 1.91 0.00	34.96 2.33 0.00	37.26 2.55 0.00	53.51 3.91 0.00	43.12 3.30 0.00	36.98 2.98 0.00	28.83 2.39 -0.40	27.80 2.18 0.00	27.19 1.97 -1.23	25.67 1.85 -0.62	25.54 1.83 -0.24	29.74 2.21 0.00	30.93 2.27 0.00	29.72 2.31 0.00	31.10 2.60 0.00	31.93 2.67 0.00	32.76 2.57 0.00	29.49 2.28 0.00	25.08 1.90 0.00	25.12 1.75 0.00	24.86 1.65 -1.41
NEG NORTH_FLCN_SEA 23793	27.22 -0.24 0.00	28.17 -0.12 0.00	26.58 0.20 0.00	28.09 0.40 0.00	33.21 0.58 0.00	35.33 0.62 0.00	50.39 0.80 0.00	40.44 0.63 0.00	34.82 0.82 0.00	26.63 0.59 0.00	26.24 0.63 0.00	24.56 0.57 0.00	23.86 0.66 0.00	24.20 0.73 0.00	28.48 0.96 0.00	29.64 0.98 0.00	28.11 0.70 0.00	28.82 0.32 0.00	29.58 0.32 0.00	30.88 0.68 0.00	27.70 0.49 0.00	23.56 0.38 0.00	23.81 0.44 0.00	22.27 0.47 0.00
NEG NORTH_KES_CHATEGAY 23792	26.97 -0.49 0.00	27.91 -0.38 0.00	26.31 -0.07 0.00	27.78 0.08 0.00	32.80 0.17 0.00	34.88 0.17 0.00	49.61 0.02 0.00	39.86 0.05 0.00	34.24 0.24 0.00	26.20 0.16 0.00	25.87 0.25 0.00	24.23 0.24 0.00	23.50 0.29 0.00	23.82 0.35 0.00	27.98 0.46 0.00	29.18 0.52 0.00	27.68 0.27 0.00	28.45 -0.05 0.00	29.22 -0.03 0.00	30.49 0.30 0.00	27.31 0.11 0.00	23.24 0.07 0.00	23.53 0.16 0.00	21.96 0.16 0.00
NEG NORTH___ALICE_FALLS 23915	27.39 -0.07 0.00	28.35 0.06 0.00	26.73 0.35 0.00	28.25 0.55 0.00	33.38 0.76 0.00	35.54 0.83 0.00	50.69 1.09 0.00	40.72 0.90 0.00	35.02 1.02 0.00	26.74 0.70 0.00	26.35 0.73 0.00	24.66 0.67 0.00	23.96 0.75 0.00	24.27 0.80 0.00	28.58 1.05 0.00	29.78 1.12 0.00	28.25 0.84 0.00	29.01 0.51 0.00	29.79 0.53 0.00	31.10 0.90 0.00	27.88 0.68 0.00	23.69 0.52 0.00	23.93 0.57 0.00	22.37 0.57 0.00
NEG NORTH___LWR_SARANAC 23913	27.39 -0.07 0.00	28.35 0.06 0.00	26.73 0.35 0.00	28.25 0.55 0.00	33.38 0.76 0.00	35.54 0.83 0.00	50.69 1.09 0.00	40.72 0.90 0.00	35.02 1.02 0.00	26.74 0.70 0.00	26.35 0.73 0.00	24.66 0.67 0.00	23.96 0.75 0.00	24.27 0.80 0.00	28.58 1.05 0.00	29.78 1.12 0.00	28.25 0.84 0.00	29.01 0.51 0.00	29.79 0.53 0.00	31.10 0.90 0.00	27.88 0.68 0.00	23.69 0.52 0.00	23.93 0.57 0.00	22.37 0.57 0.00
NEG NORTH___PLATTSBURG 23628	27.39 -0.07 0.00	28.35 0.06 0.00	26.73 0.35 0.00	28.25 0.55 0.00	33.38 0.75 0.00	35.53 0.83 0.00	50.69 1.09 0.00	40.72 0.90 0.00	35.02 1.02 0.00	26.74 0.70 0.00	26.35 0.73 0.00	24.66 0.67 0.00	23.96 0.75 0.00	24.27 0.80 0.00	28.58 1.05 0.00	29.78 1.12 0.00	28.25 0.84 0.00	29.01 0.51 0.00	29.79 0.53 0.00	31.10 0.90 0.00	27.88 0.68 0.00	23.69 0.52 0.00	23.93 0.57 0.00	22.37 0.57 0.00
NEG WEST_LEA_LOCKPORT 23791	25.69 -1.78 0.00	27.00 -1.29 0.00	24.89 -1.49 0.00	26.39 -1.31 0.00	31.13 -1.50 0.00	32.87 -1.84 0.00	46.34 -3.25 0.00	36.76 -3.05 0.00	31.32 -2.68 0.00	23.99 -2.06 0.00	23.66 -1.96 0.00	22.30 -1.69 0.00	21.41 -1.79 0.00	21.65 -1.82 0.00	25.50 -2.03 0.00	26.58 -2.08 0.00	25.10 -2.31 0.00	26.04 -2.46 0.00	26.78 -2.48 0.00	27.28 -2.91 0.00	24.38 -2.82 0.00	20.63 -2.55 0.00	20.46 -2.91 0.00	19.42 -2.60 -0.21
NEG WEST___LANCASTER 23811	26.68 -0.78 0.00	27.99 -0.30 0.00	25.85 -0.53 0.00	27.40 -0.30 0.00	32.26 -0.37 0.00	33.97 -0.74 0.00	48.17 -1.42 0.00	38.43 -1.38 0.00	32.75 -1.25 0.00	25.10 -0.94 0.00	24.76 -0.86 0.00	23.39 -0.60 0.00	22.44 -0.76 0.00	22.62 -0.85 0.00	26.64 -0.89 0.00	27.77 -0.88 0.00	26.18 -1.23 0.00	27.12 -1.38 0.00	27.86 -1.40 0.00	28.46 -1.74 0.00	25.49 -1.72 0.00	21.60 -1.58 0.00	21.52 -1.85 0.00	20.42 -1.62 -0.24
NEG_PENN_ALLEGHNY 23528	27.47 0.01 0.00	28.44 0.15 0.00	26.47 0.09 0.00	27.89 0.19 0.00	32.86 0.22 0.00	34.98 0.27 0.00	50.11 0.51 0.00	40.25 0.43 0.00	34.27 0.27 0.00	26.23 0.19 0.00	25.78 0.17 0.00	24.18 0.19 0.00	23.29 0.09 0.00	23.46 -0.01 0.00	27.54 0.02 0.00	28.74 0.08 0.00	27.33 -0.07 0.00	28.56 0.07 0.00	29.33 0.07 0.00	30.21 0.01 0.00	27.16 -0.04 0.00	23.07 -0.11 0.00	23.13 -0.24 0.00	22.09 -0.19 -0.47
NEG___GEN_MONROE 24207	26.57 -0.89 0.00	27.72 -0.57 0.00	25.64 -0.74 0.00	27.10 -0.60 0.00	31.99 -0.64 0.00	33.91 -0.79 0.00	48.29 -1.30 0.00	38.56 -1.25 0.00	32.77 -1.23 0.00	25.12 -0.92 0.00	24.79 -0.82 0.00	23.31 -0.67 0.00	22.41 -0.79 0.00	22.71 -0.76 0.00	26.73 -0.80 0.00	27.86 -0.80 0.00	26.43 -0.97 0.00	27.49 -1.01 0.00	28.25 -1.00 0.00	28.89 -1.30 0.00	25.87 -1.33 0.00	21.90 -1.27 0.00	21.80 -1.57 0.00	20.59 -1.40 -0.19
NEPA___ENERGY 23901	26.23 -1.23 0.00	27.48 -0.81 0.00	25.44 -0.94 0.00	26.98 -0.71 0.00	31.74 -0.89 0.00	33.62 -1.08 0.00	47.77 -1.82 0.00	38.16 -1.65 0.00	32.41 -1.59 0.00	24.83 -1.21 0.00	24.44 -1.18 0.00	22.92 -1.07 0.00	22.01 -1.20 0.00	22.11 -1.36 0.00	26.10 -1.43 0.00	27.27 -1.39 0.00	25.55 -1.86 0.00	26.69 -1.82 0.00	27.39 -1.87 0.00	28.09 -2.11 0.00	25.11 -2.09 0.00	21.29 -1.89 0.00	21.27 -2.10 0.00	20.16 -1.88 -0.24
NEVERSink___HYD 23608	29.02 1.56 0.00	29.67 1.39 0.00	27.64 1.26 0.00	28.97 1.27 0.00	34.20 1.57 0.00	36.49 1.78 0.00	52.49 2.89 0.00	42.31 2.50 0.00	36.13 2.13 0.00	27.27 1.64 0.41	27.02 1.40 0.00	23.79 1.08 1.28	22.94 0.38 0.64	23.55 0.33 0.25	28.10 0.57 0.00	29.37 0.71 0.00	28.29 0.88 0.00	29.59 1.10 0.00	30.39 1.14 0.00	31.31 1.11 0.00	28.89 1.69 0.00	24.56 1.39 0.00	24.59 1.23 0.00	24.16 1.12 -1.24
NEWKRMKL_115KV_TB1 55635	28.86 1.40 0.00	29.56 1.27 0.00	27.57 1.19 0.00	28.89 1.19 0.00	34.05 1.41 0.00	36.21 1.50 0.00	51.63 2.04 0.00	41.16 1.35 0.00	35.20 1.20 0.00	26.93 0.89 0.00	26.21 0.59 0.00	24.58 0.59 0.00	23.81 0.60 0.00	24.11 0.64 0.00	28.15 0.63 0.00	29.25 0.60 0.00	28.19 0.78 0.00	29.46 0.96 0.00	30.19 0.93 0.00	31.16 0.97 0.00	28.10 0.90 0.00	23.97 0.79 0.00	24.14 0.77 0.00	24.59 1.08 -1.71

NEWTON___FALLS_HYD 23847	26.95 -0.51 0.00	27.93 -0.36 0.00	26.16 -0.23 0.00	27.60 -0.10 0.00	32.54 -0.09 0.00	34.58 -0.12 0.00	49.56 -0.03 0.00	39.88 0.06 0.00	33.75 -0.26 0.00	25.57 -0.47 0.00	25.22 -0.40 0.00	23.68 -0.31 0.00	22.86 -0.35 0.00	23.15 -0.32 0.00	27.09 -0.44 0.00	28.20 -0.45 0.00	26.72 -0.68 0.00	27.74 -0.76 0.00	28.59 -0.66 0.00	29.53 -0.67 0.00	26.45 -0.75 0.00	22.48 -0.70 0.00	22.78 -0.59 0.00	21.30 -0.55 -0.04
NGRID_A1_DSASP 323792	25.15 -2.31 0.00	26.45 -1.84 0.00	24.39 -1.99 0.00	25.85 -1.85 0.00	30.51 -2.13 0.00	32.17 -2.54 0.00	45.32 -4.28 0.00	35.79 -4.02 0.00	30.52 -3.48 0.00	23.36 -2.68 0.00	23.03 -2.59 0.00	21.74 -2.24 0.00	20.91 -2.30 0.00	21.13 -2.34 0.00	24.88 -2.65 0.00	25.93 -2.73 0.00	24.50 -2.91 0.00	25.44 -3.06 0.00	26.13 -3.13 0.00	26.64 -3.55 0.00	23.80 -3.40 0.00	20.14 -3.03 0.00	19.98 -3.38 0.00	19.00 -3.02 -0.22
NGRID_A2_DSASP 323793	25.15 -2.31 0.00	26.45 -1.84 0.00	24.39 -1.99 0.00	25.85 -1.85 0.00	30.51 -2.13 0.00	32.17 -2.54 0.00	45.32 -4.28 0.00	35.79 -4.02 0.00	30.52 -3.48 0.00	23.36 -2.68 0.00	23.03 -2.59 0.00	21.74 -2.24 0.00	20.91 -2.30 0.00	21.13 -2.34 0.00	24.88 -2.65 0.00	25.93 -2.73 0.00	24.50 -2.91 0.00	25.44 -3.06 0.00	26.13 -3.13 0.00	26.64 -3.55 0.00	23.80 -3.40 0.00	20.14 -3.03 0.00	19.98 -3.38 0.00	19.00 -3.02 -0.22
NGRID_A4_DSASP 323807	25.15 -2.31 0.00	26.45 -1.84 0.00	24.39 -1.99 0.00	25.85 -1.85 0.00	30.51 -2.13 0.00	32.17 -2.54 0.00	45.32 -4.28 0.00	35.79 -4.02 0.00	30.52 -3.48 0.00	23.36 -2.68 0.00	23.03 -2.59 0.00	21.74 -2.24 0.00	20.91 -2.30 0.00	21.13 -2.34 0.00	24.88 -2.65 0.00	25.93 -2.73 0.00	24.50 -2.91 0.00	25.44 -3.06 0.00	26.13 -3.13 0.00	26.64 -3.55 0.00	23.80 -3.40 0.00	20.14 -3.03 0.00	19.98 -3.38 0.00	19.00 -3.02 -0.22
NIAGARA_115E_LBMP 323715	25.28 -2.19 0.00	26.57 -1.72 0.00	24.51 -1.88 0.00	25.97 -1.73 0.00	30.64 -1.99 0.00	32.34 -2.37 0.00	45.48 -4.12 0.00	35.96 -3.85 0.00	30.66 -3.33 0.00	23.48 -2.56 0.00	23.14 -2.48 0.00	21.83 -2.15 0.00	20.99 -2.22 0.00	21.22 -2.25 0.00	24.98 -2.55 0.00	26.04 -2.61 0.00	24.61 -2.80 0.00	25.54 -2.96 0.00	26.24 -3.02 0.00	26.74 -3.46 0.00	23.89 -3.31 0.00	20.21 -2.96 0.00	20.05 -3.31 0.00	19.06 -2.96 -0.22
NIAGARA_115W_LBMP 323714	25.10 -2.36 0.00	26.40 -1.89 0.00	24.34 -2.04 0.00	25.80 -1.90 0.00	30.44 -2.19 0.00	32.10 -2.61 0.00	45.22 -4.38 0.00	35.69 -4.12 0.00	30.43 -3.57 0.00	23.30 -2.74 0.00	22.97 -2.65 0.00	21.68 -2.31 0.00	20.85 -2.36 0.00	21.07 -2.40 0.00	24.81 -2.71 0.00	25.86 -2.79 0.00	24.43 -2.97 0.00	25.36 -3.14 0.00	26.06 -3.20 0.00	26.57 -3.62 0.00	23.74 -3.46 0.00	20.09 -3.08 0.00	19.94 -3.43 0.00	18.96 -3.06 -0.22
NIAGARA_230_LBMP 323716	25.37 -2.09 0.00	26.65 -1.64 0.00	24.59 -1.79 0.00	26.05 -1.65 0.00	30.73 -1.90 0.00	32.40 -2.31 0.00	45.70 -3.90 0.00	36.28 -3.53 0.00	30.95 -3.05 0.00	23.69 -2.35 0.00	23.36 -2.25 0.00	22.05 -1.93 0.00	21.20 -2.01 0.00	21.42 -2.05 0.00	25.23 -2.30 0.00	26.29 -2.37 0.00	24.83 -2.58 0.00	25.79 -2.71 0.00	26.49 -2.77 0.00	27.03 -3.17 0.00	24.16 -3.04 0.00	20.45 -2.72 0.00	20.32 -3.05 0.00	19.29 -2.72 -0.21
NIAGARA___115KV_198_GIBSON 55903	25.10 -2.37 0.00	26.40 -1.89 0.00	24.34 -2.04 0.00	25.80 -1.90 0.00	30.44 -2.19 0.00	32.10 -2.61 0.00	45.22 -4.38 0.00	35.70 -4.12 0.00	30.43 -3.57 0.00	23.30 -2.75 0.00	22.96 -2.65 0.00	21.68 -2.30 0.00	20.84 -2.36 0.00	21.07 -2.39 0.00	24.81 -2.71 0.00	25.87 -2.79 0.00	24.44 -2.97 0.00	25.34 -3.16 0.00	26.06 -3.20 0.00	26.57 -3.63 0.00	23.74 -3.46 0.00	20.09 -3.08 0.00	19.94 -3.43 0.00	18.96 -3.06 -0.22
NIAGARA____ 23760	25.37 -2.09 0.00	26.65 -1.64 0.00	24.59 -1.79 0.00	26.05 -1.65 0.00	30.73 -1.90 0.00	32.40 -2.31 0.00	45.70 -3.90 0.00	36.28 -3.53 0.00	30.95 -3.05 0.00	23.69 -2.35 0.00	23.36 -2.25 0.00	22.05 -1.93 0.00	21.20 -2.01 0.00	21.42 -2.05 0.00	25.23 -2.30 0.00	26.29 -2.37 0.00	24.83 -2.58 0.00	25.79 -2.71 0.00	26.49 -2.77 0.00	27.03 -3.17 0.00	24.16 -3.04 0.00	20.45 -2.72 0.00	20.32 -3.05 0.00	19.30 -2.72 -0.22
NINE_MILE_1 23575	26.32 -1.14 0.00	27.17 -1.12 0.00	25.30 -1.09 0.00	26.60 -1.10 0.00	31.36 -1.28 0.00	33.36 -1.35 0.00	47.70 -1.90 0.00	38.27 -1.55 0.00	32.62 -1.38 0.00	24.96 -1.08 0.00	24.55 -1.07 0.00	23.01 -0.97 0.00	22.26 -0.95 0.00	22.48 -0.99 0.00	26.38 -1.14 0.00	27.49 -1.17 0.00	26.26 -1.15 0.00	27.36 -1.14 0.00	28.09 -1.17 0.00	28.93 -1.26 0.00	26.05 -1.16 0.00	22.15 -1.03 0.00	22.24 -1.12 0.00	20.90 -1.01 -0.11
NINE_MILE_2 23744	26.33 -1.13 0.00	27.17 -1.12 0.00	25.30 -1.09 0.00	26.60 -1.10 0.00	31.36 -1.28 0.00	33.37 -1.34 0.00	47.70 -1.90 0.00	38.27 -1.54 0.00	32.62 -1.38 0.00	24.96 -1.08 0.00	24.55 -1.07 0.00	23.02 -0.97 0.00	22.26 -0.95 0.00	22.48 -0.98 0.00	26.39 -1.14 0.00	27.49 -1.17 0.00	26.26 -1.15 0.00	27.37 -1.13 0.00	28.09 -1.17 0.00	28.94 -1.26 0.00	26.05 -1.15 0.00	22.15 -1.03 0.00	22.24 -1.12 0.00	20.90 -1.01 -0.11
NM_CAPITAL___DRP 24208	28.87 1.41 0.00	29.57 1.28 0.00	27.59 1.21 0.00	28.91 1.21 0.00	34.07 1.44 0.00	36.22 1.51 0.00	51.65 2.05 0.00	41.22 1.41 0.00	35.25 1.25 0.00	26.99 0.95 0.00	26.29 0.68 0.00	24.64 0.66 0.00	23.87 0.66 0.00	24.17 0.70 0.00	28.22 0.69 0.00	29.32 0.67 0.00	28.25 0.84 0.00	29.52 1.02 0.00	30.26 1.00 0.00	31.20 1.01 0.00	28.15 0.95 0.00	24.03 0.85 0.00	24.20 0.83 0.00	24.59 1.09 -1.70
NM_CENTRAL___DRP 24181	26.78 -0.68 0.00	27.67 -0.62 0.00	25.73 -0.65 0.00	27.07 -0.62 0.00	31.93 -0.70 0.00	33.98 -0.73 0.00	48.65 -0.95 0.00	39.04 -0.78 0.00	33.24 -0.76 0.00	25.42 -0.63 0.00	25.01 -0.61 0.00	23.46 -0.53 0.00	22.67 -0.54 0.00	22.89 -0.58 0.00	26.87 -0.66 0.00	28.01 -0.65 0.00	26.75 -0.66 0.00	27.89 -0.61 0.00	28.63 -0.63 0.00	29.52 -0.68 0.00	26.59 -0.62 0.00	22.58 -0.60 0.00	22.63 -0.73 0.00	21.31 -0.64 -0.15
NM_FRONTIER___DRP 24179	25.10 -2.37 0.00	26.40 -1.89 0.00	24.34 -2.04 0.00	25.80 -1.90 0.00	30.44 -2.19 0.00	32.10 -2.61 0.00	45.22 -4.38 0.00	35.70 -4.12 0.00	30.43 -3.57 0.00	23.30 -2.75 0.00	22.96 -2.65 0.00	21.68 -2.30 0.00	20.84 -2.36 0.00	21.07 -2.39 0.00	24.81 -2.71 0.00	25.87 -2.79 0.00	24.44 -2.97 0.00	25.34 -3.16 0.00	26.06 -3.20 0.00	26.57 -3.63 0.00	23.74 -3.46 0.00	20.09 -3.08 0.00	19.94 -3.43 0.00	18.96 -3.06 -0.22
NM_ST_REGIS___HYD 24053	26.92 -0.54 0.00	27.86 -0.43 0.00	26.15 -0.24 0.00	27.55 -0.15 0.00	32.39 -0.23 0.00	34.33 -0.38 0.00	48.95 -0.64 0.00	39.40 -0.41 0.00	33.58 -0.42 0.00	25.60 -0.44 0.00	25.29 -0.33 0.00	23.71 -0.28 0.00	22.96 -0.25 0.00	23.28 -0.19 0.00	27.29 -0.23 0.00	28.49 -0.16 0.00	27.06 -0.34 0.00	27.92 -0.58 0.00	28.72 -0.54 0.00	29.86 -0.33 0.00	26.80 -0.40 0.00	22.83 -0.35 0.00	23.21 -0.15 0.00	21.62 -0.18 0.00

NORTHPORT___1 23551	29.98 2.52 0.00	30.68 2.39 0.00	28.53 2.14 0.00	29.89 2.19 0.00	35.23 2.60 0.00	37.61 2.90 0.00	53.52 3.92 0.00	43.28 3.47 0.00	37.27 3.27 0.00	30.23 2.74 -1.46	29.04 2.44 -0.97	40.10 2.31 -13.81	27.62 2.14 -2.28	28.71 2.18 -3.07	36.92 2.57 -6.82	45.55 2.66 -14.23	29.99 2.59 0.00	31.97 2.89 -0.58	32.04 2.78 0.00	33.07 2.87 0.00	29.71 2.51 0.00	25.30 2.13 0.00	27.44 2.03 -2.05	28.89 1.96 -5.13
NORTHPORT___2 23552	29.92 2.46 0.00	30.62 2.34 0.00	28.49 2.10 0.00	29.86 2.16 0.00	35.17 2.54 0.00	37.56 2.85 0.00	53.38 3.78 0.00	43.20 3.39 0.00	37.22 3.22 0.00	30.19 2.69 -1.46	28.96 2.37 -0.97	40.05 2.25 -13.81	27.55 2.07 -2.28	28.67 2.13 -3.07	36.83 2.48 -6.82	45.45 2.56 -14.23	29.93 2.53 0.00	31.91 2.82 -0.58	31.95 2.69 0.00	33.00 2.80 0.00	29.64 2.43 0.00	25.26 2.08 0.00	27.39 1.97 -2.05	28.85 1.92 -5.13
NORTHPORT___3 23553	29.78 2.32 0.00	30.47 2.18 0.00	28.34 1.96 0.00	29.68 1.98 0.00	35.01 2.38 0.00	37.34 2.63 0.00	53.22 3.62 0.00	43.03 3.21 0.00	36.96 2.96 0.00	30.04 2.54 -1.46	28.93 2.34 -0.97	39.98 2.19 -13.81	27.52 2.04 -2.28	28.59 2.05 -3.07	36.81 2.46 -6.82	45.42 2.53 -14.23	29.88 2.47 0.00	31.85 2.76 -0.58	31.88 2.62 0.00	32.86 2.66 0.00	29.60 2.39 0.00	25.17 2.00 0.00	27.29 1.88 -2.05	28.74 1.81 -5.13
NORTHPORT___4 23650	29.78 2.32 0.00	30.47 2.18 0.00	28.34 1.96 0.00	29.68 1.98 0.00	35.01 2.38 0.00	37.34 2.63 0.00	53.22 3.62 0.00	43.03 3.21 0.00	36.96 2.96 0.00	30.04 2.54 -1.46	28.93 2.34 -0.97	39.98 2.19 -13.81	27.52 2.04 -2.28	28.59 2.05 -3.07	36.81 2.46 -6.82	45.42 2.53 -14.23	29.88 2.47 0.00	31.85 2.76 -0.58	31.88 2.62 0.00	32.86 2.66 0.00	29.60 2.39 0.00	25.17 2.00 0.00	27.29 1.88 -2.05	28.74 1.81 -5.13
NORTHPORT___IC 23718	29.92 2.46 0.00	30.62 2.34 0.00	28.49 2.11 0.00	29.86 2.16 0.00	35.17 2.54 0.00	37.56 2.85 0.00	53.38 3.78 0.00	43.20 3.38 0.00	37.22 3.22 0.00	30.19 2.69 -1.46	28.96 2.37 -0.97	40.05 2.25 -13.81	27.55 2.07 -2.28	28.67 2.14 -3.07	36.83 2.48 -6.82	45.45 2.57 -14.23	29.93 2.53 0.00	31.91 2.82 -0.58	31.95 2.69 0.00	33.00 2.80 0.00	29.64 2.43 0.00	25.26 2.08 0.00	27.39 1.97 -2.05	28.85 1.92 -5.13
NORTH___COUNTRY_ESR 323785	26.84 -0.62 0.00	27.78 -0.51 0.00	26.19 -0.20 0.00	27.66 -0.04 0.00	32.65 0.02 0.00	34.71 0.01 0.00	49.38 -0.21 0.00	39.67 -0.14 0.00	34.11 0.10 0.00	26.12 0.08 0.00	25.82 0.20 0.00	24.17 0.18 0.00	23.45 0.24 0.00	23.76 0.29 0.00	27.90 0.37 0.00	29.07 0.41 0.00	27.56 0.15 0.00	28.33 -0.17 0.00	29.08 -0.18 0.00	30.35 0.15 0.00	27.17 -0.03 0.00	23.12 -0.06 0.00	23.41 0.04 0.00	21.88 0.08 0.00
NPX_GEN_1385_PROXY 323591	29.86 2.40 0.00	30.57 2.28 0.00	28.47 2.09 0.00	29.95 2.25 0.00	35.11 2.48 0.00	37.59 2.88 0.00	52.94 3.34 0.00	43.20 3.39 0.00	37.50 3.50 0.00	30.32 2.82 -1.46	28.56 1.97 -0.97	39.84 2.04 -13.81	27.28 1.80 -2.28	28.59 2.05 -3.07	36.36 2.01 -6.82	44.95 2.06 -14.23	29.72 2.31 0.00	31.87 2.78 -0.58	32.04 2.78 0.00	33.07 2.87 0.00	29.31 2.10 0.00	25.13 1.95 0.00	27.22 1.81 -2.05	28.76 1.83 -5.13
NPX_GEN_CSC 323557	30.35 2.89 0.00	31.04 2.75 0.00	28.86 2.48 0.00	30.24 2.54 0.00	35.67 3.04 0.00	38.11 3.40 0.00	54.26 4.66 0.00	43.76 3.94 0.00	37.72 3.72 0.00	30.57 3.07 -1.46	29.34 2.75 -0.97	40.37 2.58 -13.81	27.86 2.38 -2.28	28.94 2.40 -3.07	37.24 2.89 -6.82	45.94 3.05 -14.23	30.26 2.85 0.00	32.26 3.17 -0.58	32.20 2.94 0.00	33.33 3.13 0.00	30.02 2.81 0.00	25.60 2.42 0.00	27.76 2.35 -2.05	29.18 2.24 -5.13
NSINS_S_GLNS_FALLS 23858	28.62 1.16 0.00	29.31 1.02 0.00	27.32 0.94 0.00	28.68 0.98 0.00	33.83 1.20 0.00	36.16 1.45 0.00	52.05 2.45 0.00	41.76 1.95 0.00	35.41 1.41 0.00	26.96 0.92 0.00	26.33 0.71 0.00	24.61 0.62 0.00	23.90 0.69 0.00	24.27 0.80 0.00	28.71 1.19 0.00	29.77 1.12 0.00	28.82 1.41 0.00	30.08 1.58 0.00	30.79 1.53 0.00	31.57 1.38 0.00	28.44 1.24 0.00	24.30 1.12 0.00	24.42 1.05 0.00	24.56 1.01 -1.75
NUCOR_STEEL___DRP 24197	27.31 -0.15 0.00	28.24 -0.05 0.00	26.23 -0.15 0.00	27.53 -0.17 0.00	32.62 -0.01 0.00	34.77 0.07 0.00	49.55 -0.04 0.00	39.72 -0.09 0.00	33.76 -0.24 0.00	25.77 -0.27 0.00	25.36 -0.26 0.00	23.81 -0.18 0.00	22.99 -0.22 0.00	23.17 -0.30 0.00	27.25 -0.27 0.00	28.44 -0.22 0.00	27.15 -0.26 0.00	28.31 -0.19 0.00	29.09 -0.17 0.00	29.94 -0.26 0.00	27.03 -0.18 0.00	22.94 -0.24 0.00	23.00 -0.37 0.00	21.67 -0.33 -0.19
NUMBER_THREE_WT_PWR 323818	27.43 -0.03 0.00	28.45 0.16 0.00	26.65 0.27 0.00	28.18 0.48 0.00	33.34 0.71 0.00	35.56 0.85 0.00	51.16 1.57 0.00	41.14 1.33 0.00	34.70 0.70 0.00	26.23 0.19 0.00	25.80 0.18 0.00	24.22 0.24 0.00	23.33 0.12 0.00	23.56 0.09 0.00	27.50 -0.02 0.00	28.52 -0.13 0.00	26.92 -0.48 0.00	28.07 -0.43 0.00	28.96 -0.30 0.00	29.80 -0.39 0.00	26.62 -0.58 0.00	22.54 -0.64 0.00	22.79 -0.58 0.00	21.41 -0.45 -0.06
NYISO_LBMP_REFERENCE 24008	27.46 0.00 0.00	28.29 0.00 0.00	26.38 0.00 0.00	27.70 0.00 0.00	32.63 0.00 0.00	34.71 0.00 0.00	49.60 0.00 0.00	39.81 0.00 0.00	34.00 0.00 0.00	26.04 0.00 0.00	25.61 0.00 0.00	23.99 0.00 0.00	23.21 0.00 0.00	23.47 0.00 0.00	27.52 0.00 0.00	28.66 0.00 0.00	27.41 0.00 0.00	28.50 0.00 0.00	29.26 0.00 0.00	30.19 0.00 0.00	27.20 0.00 0.00	23.18 0.00 0.00	23.37 0.00 0.00	21.80 0.00 0.00
NYPA_BRENTWD___GT 24164	30.28 2.82 0.00	30.98 2.69 0.00	28.81 2.42 0.00	30.18 2.48 0.00	35.57 2.94 0.00	37.95 3.25 0.00	53.85 4.26 0.00	43.71 3.90 0.00	37.70 3.70 0.00	30.55 3.05 -1.46	29.36 2.77 -0.97	40.39 2.60 -13.81	27.89 2.41 -2.28	28.98 2.45 -3.07	37.25 2.90 -6.82	45.92 3.03 -14.23	30.35 2.94 0.00	32.35 3.26 -0.58	32.45 3.19 0.00	33.48 3.29 0.00	30.07 2.87 0.00	25.59 2.42 0.00	27.71 2.30 -2.05	29.13 2.20 -5.13
NYPA_GOWANUS___GT5 24156	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.18 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.14 2.64 -0.01	31.97 2.69 -0.02	243.18 2.57 -210.42	102.42 2.30 -72.92	33.47 1.94 -8.35	25.12 1.76 0.00	24.86 1.66 -1.40
NYPA_GOWANUS___GT6 24157	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.18 0.00	37.08 3.07 0.00	30.84 2.54 -2.26	28.01 2.38 -0.01	30.58 2.16 -4.44	27.54 2.07 -2.26	26.35 2.02 -0.86	29.98 2.43 -0.02	31.12 2.45 -0.02	29.81 2.40 0.00	31.14 2.64 -0.01	31.97 2.69 -0.02	243.18 2.57 -210.42	102.42 2.30 -72.92	33.47 1.94 -8.35	25.12 1.76 0.00	24.86 1.66 -1.40

NYPA_HARLEM__RVR__GT1 24160	29.59 2.13 0.00	30.16 1.88 0.00	28.10 1.72 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.87 2.16 0.00	52.90 3.30 0.00	42.70 2.89 0.00	36.75 2.75 0.00	30.47 2.26 -2.16	27.73 2.12 0.00	30.32 1.91 -4.42	27.28 1.83 -2.25	26.08 1.76 -0.86	29.68 2.15 0.00	30.81 2.15 0.00	29.54 2.14 0.00	30.85 2.35 0.00	31.67 2.41 0.00	32.48 2.28 0.00	29.26 2.06 0.00	24.93 1.75 0.00	24.93 1.57 0.00	24.71 1.51 -1.40
NYPA_HARLEM__RVR__GT2 24161	29.59 2.13 0.00	30.16 1.88 0.00	28.10 1.72 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.87 2.16 0.00	52.90 3.30 0.00	42.70 2.89 0.00	36.75 2.75 0.00	30.47 2.26 -2.16	27.73 2.12 0.00	30.32 1.91 -4.42	27.28 1.83 -2.25	26.08 1.76 -0.86	29.68 2.15 0.00	30.81 2.15 0.00	29.54 2.14 0.00	30.85 2.35 0.00	31.67 2.41 0.00	32.48 2.28 0.00	29.26 2.06 0.00	24.93 1.75 0.00	24.93 1.57 0.00	24.71 1.51 -1.40
NYPA_KENT____GT 24152	29.73 2.27 0.00	30.33 2.04 0.00	28.24 1.85 0.00	29.50 1.80 0.00	34.85 2.22 0.00	37.08 2.38 0.00	53.16 3.56 0.00	42.90 3.08 0.00	36.98 2.98 0.00	30.78 2.48 -2.26	27.95 2.33 -0.01	30.52 2.10 -4.44	27.48 2.01 -2.26	26.29 1.96 -0.86	29.91 2.36 -0.03	31.02 2.35 -0.01	29.71 2.30 0.00	31.05 2.55 0.00	31.87 2.60 -0.01	339.98 2.49 -307.30	138.83 2.24 -109.39	37.59 1.89 -12.53	25.07 1.70 0.00	24.81 1.61 -1.40
NYPA_POUCH1____GT 24155	29.71 2.25 0.00	30.32 2.02 0.00	28.22 1.84 0.00	29.49 1.79 0.00	34.85 2.22 0.00	37.07 2.36 0.00	53.12 3.52 0.00	42.84 3.02 0.00	36.97 2.97 0.00	30.74 2.44 -2.26	27.90 2.27 -0.01	30.34 2.04 -4.31	27.43 1.97 -2.26	26.24 1.91 -0.86	29.85 2.31 -0.02	31.00 2.32 -0.02	29.67 2.26 0.00	31.02 2.52 -0.01	31.83 2.56 -0.02	220.92 2.43 -188.29	102.33 2.20 -72.92	33.40 1.87 -8.35	25.05 1.69 0.00	24.80 1.60 -1.40
NYPA_VERNON____GT2 24162	29.65 2.19 0.00	30.25 1.96 0.00	28.17 1.79 0.00	29.42 1.73 0.00	34.76 2.13 0.00	37.00 2.29 0.00	53.07 3.48 0.00	42.82 3.01 0.00	36.88 2.88 0.00	30.72 2.42 -2.26	27.87 2.25 -0.01	30.46 2.04 -4.44	27.42 1.95 -2.26	26.23 1.90 -0.86	29.81 2.28 0.00	30.95 2.29 0.00	29.65 2.24 0.00	30.97 2.47 0.00	31.79 2.53 0.00	32.60 2.41 0.00	29.37 2.17 0.00	25.01 1.83 0.00	25.00 1.64 0.00	24.76 1.56 -1.40
NYPA_VERNON____GT3 24163	29.65 2.19 0.00	30.25 1.96 0.00	28.17 1.79 0.00	29.42 1.73 0.00	34.76 2.13 0.00	37.00 2.29 0.00	53.07 3.48 0.00	42.82 3.01 0.00	36.88 2.88 0.00	30.72 2.42 -2.26	27.87 2.25 -0.01	30.46 2.04 -4.44	27.42 1.95 -2.26	26.23 1.90 -0.86	29.81 2.28 0.00	30.95 2.29 0.00	29.65 2.24 0.00	30.97 2.47 0.00	31.79 2.53 0.00	32.60 2.41 0.00	29.37 2.17 0.00	25.01 1.83 0.00	25.00 1.64 0.00	24.76 1.56 -1.40
NYPA__ASTORIA_CC1 323568	29.63 2.17 0.00	30.23 1.94 0.00	28.15 1.77 0.00	29.40 1.71 0.00	34.73 2.11 0.00	36.97 2.27 0.00	53.02 3.43 0.00	42.79 2.98 0.00	36.85 2.85 0.00	30.69 2.39 -2.26	27.85 2.23 -0.01	30.45 2.02 -4.44	27.40 1.93 -2.26	26.20 1.87 -0.86	29.78 2.25 0.00	30.90 2.24 0.00	29.60 2.20 0.00	30.92 2.43 0.00	31.75 2.49 0.00	32.56 2.36 0.00	29.34 2.13 0.00	24.97 1.80 0.00	24.98 1.61 0.00	24.73 1.53 -1.40
NYPA__ASTORIA_CC2 323569	29.63 2.17 0.00	30.23 1.94 0.00	28.15 1.77 0.00	29.40 1.71 0.00	34.73 2.11 0.00	36.97 2.27 0.00	53.02 3.43 0.00	42.79 2.98 0.00	36.85 2.85 0.00	30.69 2.39 -2.26	27.85 2.23 -0.01	30.45 2.02 -4.44	27.40 1.93 -2.26	26.20 1.87 -0.86	29.78 2.25 0.00	30.90 2.24 0.00	29.60 2.20 0.00	30.92 2.43 0.00	31.75 2.49 0.00	32.56 2.36 0.00	29.34 2.13 0.00	24.97 1.80 0.00	24.98 1.61 0.00	24.73 1.53 -1.40
NYPA__HOLTSVILL 23794	30.19 2.73 0.00	30.86 2.57 0.00	28.70 2.32 0.00	30.07 2.37 0.00	35.46 2.83 0.00	37.88 3.17 0.00	53.93 4.33 0.00	43.55 3.73 0.00	37.51 3.51 0.00	30.41 2.91 -1.46	29.21 2.62 -0.97	40.26 2.46 -13.81	27.76 2.28 -2.28	28.84 2.30 -3.07	37.10 2.75 -6.82	45.78 2.89 -14.23	30.15 2.74 0.00	32.13 3.04 -0.58	32.18 2.93 0.00	33.26 3.07 0.00	29.89 2.69 0.00	25.45 2.28 0.00	27.62 2.20 -2.05	29.05 2.12 -5.13
NYPA__HELLGATE_GT1 24158	29.59 2.13 0.00	30.16 1.88 0.00	28.10 1.72 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.87 2.16 0.00	52.90 3.30 0.00	42.70 2.89 0.00	36.75 2.75 0.00	30.47 2.26 -2.16	27.73 2.12 0.00	30.32 1.91 -4.42	27.28 1.83 -2.25	26.08 1.76 -0.86	29.68 2.15 0.00	30.81 2.15 0.00	29.54 2.14 0.00	30.85 2.35 0.00	31.67 2.41 0.00	32.48 2.28 0.00	29.26 2.06 0.00	24.93 1.75 0.00	24.93 1.57 0.00	24.71 1.51 -1.40
NYPA__HELLGATE_GT2 24159	29.59 2.13 0.00	30.16 1.88 0.00	28.10 1.72 0.00	29.32 1.62 0.00	34.63 2.00 0.00	36.87 2.16 0.00	52.90 3.30 0.00	42.70 2.89 0.00	36.75 2.75 0.00	30.47 2.26 -2.16	27.73 2.12 0.00	30.32 1.91 -4.42	27.28 1.83 -2.25	26.08 1.76 -0.86	29.68 2.15 0.00	30.81 2.15 0.00	29.54 2.14 0.00	30.85 2.35 0.00	31.67 2.41 0.00	32.48 2.28 0.00	29.26 2.06 0.00	24.93 1.75 0.00	24.93 1.57 0.00	24.71 1.51 -1.40
NYS_BARGE__HYD 23848	25.72 -1.74 0.00	27.03 -1.26 0.00	24.93 -1.46 0.00	26.42 -1.28 0.00	31.18 -1.45 0.00	32.92 -1.79 0.00	46.42 -3.18 0.00	36.80 -3.02 0.00	31.35 -2.65 0.00	24.01 -2.03 0.00	23.69 -1.93 0.00	22.32 -1.66 0.00	21.44 -1.77 0.00	21.68 -1.79 0.00	25.53 -1.99 0.00	26.62 -2.03 0.00	25.14 -2.26 0.00	26.11 -2.39 0.00	26.83 -2.43 0.00	27.34 -2.86 0.00	24.42 -2.78 0.00	20.66 -2.51 0.00	20.49 -2.87 0.00	19.45 -2.56 -0.21
OAK ORCHARD__HYD 24046	26.40 -1.06 0.00	27.51 -0.78 0.00	25.46 -0.92 0.00	26.91 -0.79 0.00	31.75 -0.88 0.00	33.66 -1.04 0.00	47.93 -1.66 0.00	38.32 -1.50 0.00	32.60 -1.40 0.00	24.98 -1.07 0.00	24.64 -0.97 0.00	23.19 -0.80 0.00	22.31 -0.90 0.00	22.58 -0.89 0.00	26.57 -0.95 0.00	27.69 -0.97 0.00	26.28 -1.12 0.00	27.35 -1.16 0.00	28.10 -1.16 0.00	28.75 -1.44 0.00	25.76 -1.44 0.00	21.82 -1.36 0.00	21.74 -1.62 0.00	20.54 -1.45 -0.19
OAKDALE__35_KV_LOAD 356122	27.44 -0.03 0.00	28.40 0.11 0.00	26.43 0.05 0.00	27.84 0.14 0.00	32.80 0.17 0.00	34.91 0.20 0.00	49.99 0.39 0.00	40.15 0.34 0.00	34.20 0.20 0.00	26.19 0.15 0.00	25.74 0.12 0.00	24.13 0.14 0.00	23.26 0.05 0.00	23.42 -0.05 0.00	27.50 -0.03 0.00	28.67 0.02 0.00	27.28 -0.13 0.00	28.50 0.00 0.00	29.27 0.01 0.00	30.15 -0.05 0.00	27.11 -0.09 0.00	23.03 -0.15 0.00	23.10 -0.26 0.00	22.06 -0.21 -0.47
OCC_CHEM__DRP 24175	25.15 -2.31 0.00	26.45 -1.84 0.00	24.39 -2.00 0.00	25.85 -1.85 0.00	30.51 -2.13 0.00	32.17 -2.54 0.00	45.32 -4.28 0.00	35.80 -4.02 0.00	30.52 -3.48 0.00	23.36 -2.68 0.00	23.03 -2.59 0.00	21.74 -2.25 0.00	20.90 -2.31 0.00	21.13 -2.34 0.00	24.87 -2.65 0.00	25.93 -2.73 0.00	24.50 -2.91 0.00	25.42 -3.08 0.00	26.14 -3.12 0.00	26.64 -3.56 0.00	23.80 -3.40 0.00	20.14 -3.03 0.00	19.99 -3.38 0.00	19.00 -3.02 -0.22

OH_GEN_PROXY 24063	25.41 -2.06 0.00	26.69 -1.60 0.00	24.63 -1.76 0.00	26.09 -1.61 0.00	30.77 -1.86 0.00	32.45 -2.26 0.00	45.79 -3.81 0.00	36.40 -3.41 0.00	31.08 -2.93 0.00	23.80 -2.24 0.00	23.47 -2.15 0.00	22.16 -1.82 0.00	21.29 -1.91 0.00	21.52 -1.95 0.00	25.34 -2.19 0.00	26.41 -2.25 0.00	24.94 -2.47 0.00	25.90 -2.60 0.00	26.61 -2.65 0.00	27.15 -3.05 0.00	24.27 -2.93 0.00	20.56 -2.62 0.00	20.43 -2.94 0.00	19.40 -2.62 -0.22
OLIN_CORP_DRP 24177	25.31 -2.16 0.00	26.61 -1.68 0.00	24.54 -1.85 0.00	26.01 -1.69 0.00	30.69 -1.94 0.00	32.39 -2.32 0.00	45.56 -4.04 0.00	36.06 -3.75 0.00	30.75 -3.25 0.00	23.53 -2.51 0.00	23.19 -2.43 0.00	21.88 -2.11 0.00	21.03 -2.18 0.00	21.26 -2.20 0.00	25.03 -2.49 0.00	26.10 -2.55 0.00	24.67 -2.74 0.00	25.59 -2.92 0.00	26.31 -2.95 0.00	26.80 -3.39 0.00	23.96 -3.24 0.00	20.27 -2.91 0.00	20.11 -3.26 0.00	19.11 -2.91 -0.22
OLIN_CORP_DSASP 323712	25.15 -2.31 0.00	26.45 -1.84 0.00	24.39 -1.99 0.00	25.85 -1.85 0.00	30.51 -2.13 0.00	32.17 -2.54 0.00	45.32 -4.28 0.00	35.79 -4.02 0.00	30.52 -3.48 0.00	23.36 -2.68 0.00	23.03 -2.59 0.00	21.74 -2.24 0.00	20.91 -2.30 0.00	21.13 -2.34 0.00	24.88 -2.65 0.00	25.93 -2.73 0.00	24.50 -2.91 0.00	25.44 -3.06 0.00	26.13 -3.13 0.00	26.64 -3.55 0.00	23.80 -3.40 0.00	20.14 -3.03 0.00	19.98 -3.38 0.00	19.00 -3.02 -0.22
ONEIDA_HERK_LFGE 323681	28.02 0.56 0.00	28.94 0.66 0.00	27.03 0.65 0.00	28.49 0.79 0.00	33.64 1.01 0.00	35.87 1.17 0.00	51.56 1.96 0.00	41.41 1.60 0.00	35.12 1.12 0.00	26.70 0.66 0.00	26.23 0.62 0.00	24.58 0.59 0.00	23.78 0.57 0.00	24.03 0.56 0.00	28.13 0.60 0.00	29.23 0.57 0.00	27.84 0.44 0.00	29.05 0.55 0.00	29.85 0.60 0.00	30.73 0.53 0.00	27.59 0.39 0.00	23.41 0.23 0.00	23.57 0.20 0.00	22.07 0.22 -0.05
ONEIDA___115KV_TB4 55905	28.19 0.73 0.00	29.12 0.83 0.00	27.14 0.76 0.00	28.57 0.87 0.00	33.71 1.08 0.00	35.97 1.26 0.00	51.67 2.07 0.00	41.48 1.67 0.00	35.20 1.20 0.00	26.78 0.74 0.00	26.34 0.72 0.00	24.64 0.65 0.00	23.93 0.72 0.00	24.18 0.71 0.00	28.31 0.78 0.00	29.50 0.85 0.00	28.20 0.80 0.00	29.46 0.95 0.00	30.20 0.95 0.00	31.08 0.88 0.00	27.95 0.74 0.00	23.72 0.54 0.00	23.80 0.43 0.00	22.31 0.41 -0.09
ONONDAGA_REF_OCCRA 23987	27.05 -0.41 0.00	27.94 -0.34 0.00	25.99 -0.39 0.00	27.35 -0.35 0.00	32.25 -0.38 0.00	34.34 -0.36 0.00	49.18 -0.42 0.00	39.47 -0.35 0.00	33.59 -0.41 0.00	25.66 -0.38 0.00	25.23 -0.38 0.00	23.66 -0.33 0.00	22.89 -0.32 0.00	23.08 -0.38 0.00	27.12 -0.41 0.00	28.29 -0.37 0.00	27.01 -0.39 0.00	28.18 -0.32 0.00	28.94 -0.31 0.00	29.83 -0.37 0.00	26.85 -0.35 0.00	22.80 -0.38 0.00	22.85 -0.52 0.00	21.53 -0.45 -0.18
ONONDAGA___COGEN 23986	27.05 -0.41 0.00	27.93 -0.36 0.00	25.97 -0.41 0.00	27.31 -0.39 0.00	32.24 -0.39 0.00	34.33 -0.37 0.00	49.10 -0.50 0.00	39.40 -0.42 0.00	33.52 -0.48 0.00	25.61 -0.43 0.00	25.19 -0.42 0.00	23.63 -0.36 0.00	22.84 -0.36 0.00	23.05 -0.42 0.00	27.07 -0.46 0.00	28.23 -0.42 0.00	26.97 -0.44 0.00	28.13 -0.37 0.00	28.89 -0.37 0.00	29.75 -0.45 0.00	26.79 -0.42 0.00	22.74 -0.43 0.00	22.81 -0.56 0.00	21.48 -0.49 -0.17
ONTARIO___LFGE 23819	27.32 -0.14 0.00	28.41 0.11 0.00	26.39 0.01 0.00	27.84 0.14 0.00	32.71 0.08 0.00	34.99 0.28 0.00	50.08 0.48 0.00	40.18 0.36 0.00	34.03 0.03 0.00	26.01 -0.04 0.00	25.63 0.01 0.00	24.08 0.09 0.00	23.07 -0.13 0.00	23.25 -0.21 0.00	27.28 -0.24 0.00	28.50 -0.15 0.00	27.17 -0.24 0.00	28.32 -0.18 0.00	29.13 -0.13 0.00	29.91 -0.28 0.00	26.91 -0.29 0.00	22.80 -0.38 0.00	22.80 -0.57 0.00	21.53 -0.50 -0.23
ORANGEVILLE_WT_PWR 323706	25.96 -1.51 0.00	27.27 -1.02 0.00	25.17 -1.22 0.00	26.67 -1.03 0.00	31.44 -1.19 0.00	33.21 -1.50 0.00	46.93 -2.67 0.00	37.21 -2.60 0.00	31.67 -2.33 0.00	24.25 -1.79 0.00	23.88 -1.73 0.00	22.38 -1.61 0.00	21.40 -1.81 0.00	21.46 -2.01 0.00	25.28 -2.25 0.00	26.33 -2.32 0.00	24.75 -2.66 0.00	25.59 -2.91 0.00	26.36 -2.90 0.00	26.93 -3.27 0.00	24.11 -3.10 0.00	20.37 -2.81 0.00	20.22 -3.14 0.00	19.18 -2.84 -0.22
ORANGEVILLE___ESR 323794	25.96 -1.51 0.00	27.27 -1.02 0.00	25.17 -1.22 0.00	26.67 -1.03 0.00	31.44 -1.19 0.00	33.21 -1.50 0.00	46.93 -2.67 0.00	37.21 -2.60 0.00	31.67 -2.33 0.00	24.25 -1.79 0.00	23.88 -1.73 0.00	22.38 -1.61 0.00	21.40 -1.81 0.00	21.46 -2.01 0.00	25.28 -2.25 0.00	26.33 -2.32 0.00	24.75 -2.66 0.00	25.59 -2.91 0.00	26.36 -2.90 0.00	26.93 -3.27 0.00	24.11 -3.10 0.00	20.37 -2.81 0.00	20.22 -3.14 0.00	19.18 -2.84 -0.22
OSWEGATCHIE___HYD 24044	26.95 -0.51 0.00	27.93 -0.36 0.00	26.16 -0.23 0.00	27.60 -0.10 0.00	32.54 -0.09 0.00	34.58 -0.12 0.00	49.56 -0.03 0.00	39.88 0.06 0.00	33.74 -0.25 0.00	25.57 -0.47 0.00	25.22 -0.40 0.00	23.68 -0.31 0.00	22.85 -0.35 0.00	23.15 -0.32 0.00	27.09 -0.44 0.00	28.20 -0.45 0.00	26.72 -0.68 0.00	27.74 -0.76 0.00	28.59 -0.67 0.00	29.53 -0.67 0.00	26.46 -0.75 0.00	22.48 -0.70 0.00	22.78 -0.59 0.00	21.30 -0.55 -0.04
OSWEGO___5 23606	26.55 -0.92 0.00	27.40 -0.88 0.00	25.51 -0.87 0.00	26.82 -0.87 0.00	31.63 -1.00 0.00	33.66 -1.05 0.00	48.13 -1.47 0.00	38.61 -1.21 0.00	32.90 -1.10 0.00	25.17 -0.87 0.00	24.76 -0.86 0.00	23.22 -0.77 0.00	22.44 -0.77 0.00	22.67 -0.80 0.00	26.61 -0.92 0.00	27.72 -0.94 0.00	26.47 -0.93 0.00	27.59 -0.91 0.00	28.33 -0.93 0.00	29.17 -1.02 0.00	26.26 -0.95 0.00	22.33 -0.85 0.00	22.41 -0.95 0.00	21.07 -0.85 -0.12
OSWEGO___6 23613	26.55 -0.92 0.00	27.40 -0.88 0.00	25.51 -0.87 0.00	26.82 -0.87 0.00	31.63 -1.00 0.00	33.66 -1.05 0.00	48.13 -1.47 0.00	38.61 -1.21 0.00	32.90 -1.10 0.00	25.17 -0.87 0.00	24.76 -0.86 0.00	23.22 -0.77 0.00	22.44 -0.77 0.00	22.67 -0.80 0.00	26.61 -0.92 0.00	27.72 -0.94 0.00	26.47 -0.93 0.00	27.59 -0.91 0.00	28.33 -0.93 0.00	29.17 -1.02 0.00	26.26 -0.95 0.00	22.33 -0.85 0.00	22.41 -0.95 0.00	21.07 -0.85 -0.12
OUTOKUMPU-AB___DRP 24206	25.89 -1.57 0.00	27.23 -1.06 0.00	25.10 -1.29 0.00	26.60 -1.10 0.00	31.40 -1.23 0.00	33.17 -1.54 0.00	46.80 -2.80 0.00	37.09 -2.72 0.00	31.61 -2.39 0.00	24.21 -1.83 0.00	23.87 -1.74 0.00	22.51 -1.48 0.00	21.61 -1.60 0.00	21.83 -1.64 0.00	25.72 -1.80 0.00	26.81 -1.84 0.00	25.31 -2.10 0.00	26.25 -2.25 0.00	26.99 -2.27 0.00	27.52 -2.67 0.00	24.58 -2.62 0.00	20.81 -2.37 0.00	20.63 -2.73 0.00	19.59 -2.43 -0.22
OXBOW___BTM 323836	25.54 -1.93 0.00	26.85 -1.44 0.00	24.76 -1.62 0.00	26.24 -1.46 0.00	30.97 -1.66 0.00	32.69 -2.01 0.00	46.10 -3.50 0.00	36.48 -3.33 0.00	31.10 -2.90 0.00	23.82 -2.23 0.00	23.48 -2.14 0.00	22.15 -1.84 0.00	21.28 -1.93 0.00	21.51 -1.96 0.00	25.33 -2.19 0.00	26.40 -2.26 0.00	24.93 -2.48 0.00	25.89 -2.61 0.00	26.59 -2.66 0.00	27.12 -3.08 0.00	24.22 -2.99 0.00	20.50 -2.68 0.00	20.33 -3.04 0.00	19.31 -2.71 -0.22

OXBOW____ 24026	25.54 -1.93 0.00	26.85 -1.44 0.00	24.75 -1.63 0.00	26.24 -1.46 0.00	30.97 -1.65 0.00	32.69 -2.02 0.00	46.09 -3.50 0.00	36.48 -3.33 0.00	31.10 -2.90 0.00	23.81 -2.23 0.00	23.48 -2.14 0.00	22.15 -1.84 0.00	21.27 -1.93 0.00	21.50 -1.97 0.00	25.33 -2.20 0.00	26.40 -2.26 0.00	24.93 -2.48 0.00	25.87 -2.64 0.00	26.60 -2.66 0.00	27.11 -3.08 0.00	24.22 -2.98 0.00	20.50 -2.68 0.00	20.33 -3.04 0.00	19.31 -2.70 -0.22
OXY_CHEM_DSASP 323612	25.15 -2.31 0.00	26.45 -1.84 0.00	24.39 -2.00 0.00	25.85 -1.85 0.00	30.51 -2.13 0.00	32.17 -2.54 0.00	45.32 -4.28 0.00	35.80 -4.02 0.00	30.52 -3.48 0.00	23.36 -2.68 0.00	23.03 -2.59 0.00	21.74 -2.25 0.00	20.90 -2.31 0.00	21.13 -2.34 0.00	24.87 -2.65 0.00	25.93 -2.73 0.00	24.50 -2.91 0.00	25.42 -3.08 0.00	26.14 -3.12 0.00	26.64 -3.56 0.00	23.80 -3.40 0.00	20.14 -3.03 0.00	19.99 -3.38 0.00	19.00 -3.02 -0.22
OZONE_PARK_ESR 323760	29.85 2.39 0.00	30.46 2.17 0.00	28.36 1.98 0.00	29.64 1.94 0.00	35.00 2.38 0.00	37.25 2.55 0.00	53.50 3.90 0.00	43.18 3.37 0.00	37.15 3.15 0.00	30.86 2.65 -2.17	28.05 2.43 0.00	30.64 2.21 -4.44	27.58 2.11 -2.26	26.43 2.10 -0.86	30.04 2.51 0.00	31.22 2.56 0.00	29.91 2.50 0.00	31.28 2.77 0.00	32.09 2.83 0.00	32.93 2.73 0.00	29.65 2.45 0.00	25.23 2.06 0.00	25.23 1.86 0.00	24.96 1.75 -1.40
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.15 -2.31 0.00	26.45 -1.84 0.00	24.39 -2.00 0.00	25.85 -1.85 0.00	30.51 -2.13 0.00	32.17 -2.54 0.00	45.32 -4.28 0.00	35.80 -4.02 0.00	30.52 -3.48 0.00	23.36 -2.68 0.00	23.03 -2.59 0.00	21.74 -2.25 0.00	20.90 -2.31 0.00	21.13 -2.34 0.00	24.87 -2.65 0.00	25.93 -2.73 0.00	24.50 -2.91 0.00	25.42 -3.08 0.00	26.14 -3.12 0.00	26.64 -3.56 0.00	23.80 -3.40 0.00	20.14 -3.03 0.00	19.99 -3.38 0.00	19.00 -3.02 -0.22
PACKARD__115KV_DUPONT_184 80571	25.15 -2.31 0.00	26.45 -1.84 0.00	24.39 -2.00 0.00	25.85 -1.85 0.00	30.51 -2.13 0.00	32.17 -2.54 0.00	45.32 -4.28 0.00	35.80 -4.02 0.00	30.52 -3.48 0.00	23.36 -2.68 0.00	23.03 -2.59 0.00	21.74 -2.25 0.00	20.90 -2.31 0.00	21.13 -2.34 0.00	24.87 -2.65 0.00	25.93 -2.73 0.00	24.50 -2.91 0.00	25.42 -3.08 0.00	26.14 -3.12 0.00	26.64 -3.56 0.00	23.80 -3.40 0.00	20.14 -3.03 0.00	19.99 -3.38 0.00	19.00 -3.02 -0.22
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.53 2.07 0.00	30.11 1.82 0.00	28.04 1.66 0.00	29.27 1.57 0.00	34.59 1.96 0.00	36.82 2.11 0.00	52.87 3.27 0.00	42.67 2.86 0.00	36.72 2.72 0.00	30.44 2.23 -2.17	27.67 2.07 0.01	30.26 1.86 -4.42	27.22 1.77 -2.24	26.04 1.71 -0.86	29.62 2.10 0.00	30.75 2.09 0.00	29.49 2.08 0.00	30.83 2.33 0.00	31.64 2.38 0.00	32.45 2.25 0.00	29.23 2.03 0.00	24.89 1.72 0.00	24.90 1.54 0.00	24.68 1.47 -1.40
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.72 2.26 0.00	30.32 2.03 0.00	28.25 1.87 0.00	29.49 1.79 0.00	34.85 2.22 0.00	37.12 2.42 0.00	53.30 3.70 0.00	43.01 3.20 0.00	36.97 2.97 0.00	30.63 2.42 -2.17	27.89 2.29 0.01	30.44 2.03 -4.42	27.38 1.93 -2.24	26.21 1.88 -0.86	29.81 2.29 0.00	30.95 2.30 0.00	29.70 2.29 0.00	31.04 2.54 0.00	31.86 2.60 0.00	32.66 2.47 0.00	29.42 2.22 0.00	25.05 1.87 0.00	25.05 1.69 0.00	24.81 1.61 -1.40
PATROON__115KV_TB1 80586	28.91 1.45 0.00	29.61 1.32 0.00	27.62 1.24 0.00	28.94 1.24 0.00	34.10 1.47 0.00	36.28 1.57 0.00	51.74 2.14 0.00	41.28 1.47 0.00	35.29 1.29 0.00	26.99 0.95 0.00	26.29 0.67 0.00	24.65 0.66 0.00	23.88 0.68 0.00	24.19 0.72 0.00	28.24 0.72 0.00	29.36 0.71 0.00	28.28 0.87 0.00	29.56 1.06 0.00	30.29 1.04 0.00	31.25 1.06 0.00	28.18 0.98 0.00	24.04 0.86 0.00	24.21 0.84 0.00	24.63 1.12 -1.71
PATTRSNVILLE__SOLAR 323815	28.66 1.19 0.00	29.45 1.16 0.00	27.45 1.07 0.00	28.82 1.12 0.00	34.00 1.37 0.00	36.22 1.51 0.00	51.87 2.27 0.00	41.63 1.82 0.00	35.45 1.45 0.00	27.08 1.03 0.00	26.52 0.91 0.00	24.82 0.84 0.00	24.01 0.80 0.00	24.37 0.90 0.00	28.57 1.04 0.00	29.68 1.03 0.00	28.62 1.22 0.00	29.87 1.37 0.00	30.65 1.39 0.00	31.56 1.36 0.00	28.42 1.22 0.00	24.21 1.04 0.00	24.32 0.96 0.00	24.48 0.88 -1.80
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.55 -0.91 0.00	27.86 -0.43 0.00	25.72 -0.66 0.00	27.26 -0.44 0.00	32.13 -0.50 0.00	33.87 -0.84 0.00	48.00 -1.59 0.00	38.25 -1.56 0.00	32.59 -1.41 0.00	24.97 -1.07 0.00	24.63 -0.99 0.00	23.24 -0.74 0.00	22.30 -0.91 0.00	22.49 -0.97 0.00	26.50 -1.03 0.00	27.63 -1.03 0.00	26.04 -1.37 0.00	26.99 -1.51 0.00	27.74 -1.52 0.00	28.31 -1.88 0.00	25.34 -1.87 0.00	21.46 -1.72 0.00	21.35 -2.02 0.00	20.25 -1.79 -0.24
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.71 2.25 0.00	30.38 2.09 0.00	28.29 1.90 0.00	29.61 1.91 0.00	34.96 2.33 0.00	37.26 2.55 0.00	53.51 3.91 0.00	43.12 3.30 0.00	36.98 2.98 0.00	28.83 2.39 -0.40	27.80 2.18 0.00	27.19 1.97 -1.23	25.67 1.85 -0.62	25.54 1.83 -0.24	29.74 2.21 0.00	30.93 2.27 0.00	29.72 2.31 0.00	31.10 2.60 0.00	31.93 2.67 0.00	32.76 2.57 0.00	29.49 2.28 0.00	25.08 1.90 0.00	25.12 1.75 0.00	24.86 1.65 -1.41
PEEKSKILL____ 23653	29.31 1.85 0.00	29.94 1.65 0.00	27.88 1.50 0.00	29.19 1.49 0.00	34.45 1.82 0.00	36.69 1.99 0.00	52.64 3.04 0.00	42.39 2.58 0.00	36.37 2.38 0.00	29.89 1.97 -1.88	27.40 1.78 0.00	31.45 1.61 -5.85	27.69 1.51 -2.97	26.12 1.51 -1.14	29.36 1.83 0.00	30.52 1.86 0.00	29.29 1.88 0.00	30.62 2.12 0.00	31.40 2.15 0.00	32.24 2.05 0.00	29.04 1.84 0.00	24.73 1.56 0.00	24.79 1.42 0.00	24.56 1.38 -1.38
PGE MADISON__WINDPWR 24146	29.03 1.57 0.00	30.61 2.32 0.00	28.46 2.07 0.00	30.23 2.53 0.00	35.91 3.28 0.00	38.37 3.66 0.00	55.41 5.81 0.00	44.72 4.91 0.00	37.66 3.66 0.00	28.51 2.47 0.00	27.96 2.34 0.00	26.14 2.15 0.00	25.39 2.19 0.00	25.40 1.93 0.00	29.48 1.96 0.00	30.79 2.14 0.00	29.04 1.63 0.00	30.42 1.92 0.00	31.26 2.00 0.00	32.18 1.99 0.00	28.96 1.75 0.00	24.44 1.26 0.00	24.38 1.02 0.00	23.23 0.98 -0.45
PIERCEFIELD__HYD 23852	26.77 -0.69 0.00	27.71 -0.58 0.00	25.96 -0.42 0.00	27.33 -0.37 0.00	32.12 -0.51 0.00	33.99 -0.72 0.00	48.49 -1.11 0.00	39.03 -0.79 0.00	33.21 -0.79 0.00	25.29 -0.75 0.00	24.99 -0.63 0.00	23.44 -0.55 0.00	22.70 -0.51 0.00	23.00 -0.47 0.00	26.94 -0.58 0.00	28.15 -0.51 0.00	26.74 -0.66 0.00	27.63 -0.88 0.00	28.41 -0.85 0.00	29.50 -0.69 0.00	26.50 -0.70 0.00	22.59 -0.59 0.00	23.00 -0.36 0.00	21.44 -0.39 -0.02
PINELAWN_CC_1 323563	30.12 2.66 0.00	30.81 2.52 0.00	28.65 2.27 0.00	30.00 2.30 0.00	35.37 2.74 0.00	37.75 3.04 0.00	53.78 4.18 0.00	43.55 3.73 0.00	37.47 3.47 0.00	30.38 2.88 -1.46	29.24 2.64 -0.97	40.26 2.47 -13.81	27.77 2.29 -2.28	28.85 2.32 -3.07	37.12 2.77 -6.82	45.76 2.87 -14.23	30.20 2.80 0.00	32.19 3.10 -0.58	32.30 3.04 0.00	33.28 3.08 0.00	29.91 2.70 0.00	25.45 2.27 0.00	27.57 2.16 -2.05	29.01 2.07 -5.13

PJM_GEN_HTP_PROXY 323702	29.53 2.07 0.00	30.15 1.86 0.00	28.07 1.69 0.00	29.34 1.64 0.00	34.65 2.02 0.00	36.88 2.17 0.00	52.90 3.31 0.00	42.67 2.85 0.00	36.71 2.71 0.00	30.42 2.31 -2.06	27.73 2.12 0.00	30.34 1.91 -4.45	27.29 1.82 -2.26	26.15 1.81 -0.87	29.70 2.17 0.00	30.85 2.20 0.00	29.57 2.17 0.00	30.90 2.39 0.00	31.70 2.44 0.00	32.52 2.32 0.00	29.30 2.09 0.00	24.93 1.76 0.00	24.95 1.58 0.00	24.71 1.50 -1.40
PJM_GEN_KEystone 24065	27.75 0.29 0.00	28.60 0.31 0.00	26.56 0.18 0.00	27.96 0.26 0.00	32.95 0.32 0.00	34.93 0.23 0.00	49.90 0.30 0.00	40.03 0.21 0.00	34.25 0.25 0.00	23.53 0.31 2.82	25.88 0.27 0.00	15.40 0.29 8.88	18.92 0.16 4.44	21.88 0.11 1.71	27.75 0.22 0.00	28.89 0.24 0.00	27.48 0.07 0.00	28.66 0.16 0.00	29.41 0.15 0.00	30.16 -0.04 0.00	27.12 -0.09 0.00	23.08 -0.09 0.00	23.13 -0.23 0.00	22.51 -0.13 -0.84
PJM_GEN_NEPTUNE_PROXY 323594	29.70 2.24 0.00	30.36 2.07 0.00	28.24 1.86 0.00	29.57 1.87 0.00	34.87 2.24 0.00	37.19 2.48 0.00	53.06 3.46 0.00	42.87 3.06 0.00	36.87 2.87 0.00	29.91 2.41 -1.46	28.81 2.22 -0.97	39.86 2.07 -13.81	27.42 1.93 -2.28	28.49 1.95 -3.07	36.68 2.33 -6.82	45.26 2.38 -14.23	29.74 2.33 0.00	31.70 2.61 -0.58	31.81 2.55 0.00	32.73 2.54 0.00	29.45 2.25 0.00	25.06 1.88 0.00	27.18 1.77 -2.05	28.65 1.72 -5.13
PJM_GEN_VFT_PROXY 323633	29.37 1.91 0.00	29.96 1.68 0.00	27.89 1.51 0.00	29.16 1.46 0.00	34.45 1.82 0.00	36.66 1.95 0.00	52.60 3.00 0.00	42.41 2.60 0.00	36.50 2.50 0.00	29.38 2.15 -1.19	27.57 1.95 0.00	28.43 1.75 -2.70	27.16 1.69 -2.26	26.02 1.69 -0.86	29.55 2.02 0.00	30.70 2.04 0.00	29.42 2.01 0.00	30.74 2.24 0.00	31.56 2.30 0.00	32.36 2.16 0.00	29.16 1.96 0.00	24.83 1.66 0.00	24.85 1.49 0.00	24.62 1.42 -1.40
PLATSBURG_115KV_PMLD1 355749	27.20 -0.26 0.00	28.14 -0.14 0.00	26.56 0.17 0.00	28.07 0.37 0.00	33.18 0.55 0.00	35.30 0.60 0.00	50.34 0.75 0.00	40.41 0.59 0.00	34.79 0.79 0.00	26.61 0.57 0.00	26.22 0.61 0.00	24.54 0.56 0.00	23.85 0.64 0.00	24.18 0.71 0.00	28.46 0.93 0.00	29.61 0.96 0.00	28.08 0.68 0.00	28.79 0.29 0.00	29.55 0.29 0.00	30.85 0.65 0.00	27.67 0.47 0.00	23.54 0.36 0.00	23.79 0.42 0.00	22.25 0.45 0.00
PLEASANTVLY__LBMP 24000	29.25 1.79 0.00	29.90 1.61 0.00	27.85 1.47 0.00	29.15 1.46 0.00	34.39 1.76 0.00	36.61 1.91 0.00	52.50 2.90 0.00	42.28 2.46 0.00	36.25 2.25 0.00	28.43 1.85 -0.53	27.29 1.67 0.00	27.15 1.51 -1.65	25.48 1.44 -0.84	25.22 1.43 -0.32	29.23 1.71 0.00	30.37 1.71 0.00	29.18 1.78 0.00	30.50 2.00 0.00	31.29 2.03 0.00	32.11 1.92 0.00	28.93 1.72 0.00	24.64 1.47 0.00	24.71 1.34 0.00	24.57 1.31 -1.46
PLSNTVLE_13_KV_13.8KVDIST 80602	29.43 1.97 0.00	30.07 1.78 0.00	28.01 1.63 0.00	29.30 1.61 0.00	34.57 1.95 0.00	36.83 2.13 0.00	52.82 3.22 0.00	42.57 2.76 0.00	36.53 2.53 0.00	29.20 2.11 -1.05	27.54 1.92 0.00	29.07 1.74 -3.35	26.55 1.65 -1.70	25.75 1.63 -0.65	29.48 1.96 0.00	30.65 1.99 0.00	29.41 2.01 0.00	30.74 2.24 0.00	31.54 2.28 0.00	32.38 2.18 0.00	29.16 1.96 0.00	24.84 1.66 0.00	24.88 1.51 0.00	24.66 1.45 -1.41
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.43 1.97 0.00	30.07 1.78 0.00	28.01 1.63 0.00	29.30 1.61 0.00	34.57 1.95 0.00	36.83 2.13 0.00	52.82 3.22 0.00	42.57 2.76 0.00	36.53 2.53 0.00	29.20 2.11 -1.05	27.54 1.92 0.00	29.07 1.74 -3.35	26.55 1.65 -1.70	25.75 1.63 -0.65	29.48 1.96 0.00	30.65 1.99 0.00	29.41 2.01 0.00	30.74 2.24 0.00	31.54 2.28 0.00	32.38 2.18 0.00	29.16 1.96 0.00	24.84 1.66 0.00	24.88 1.51 0.00	24.66 1.45 -1.41
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.49 2.02 0.00	30.15 1.86 0.00	28.07 1.68 0.00	29.39 1.69 0.00	34.68 2.05 0.00	36.96 2.25 0.00	53.06 3.46 0.00	42.76 2.94 0.00	36.60 2.60 0.00	28.10 2.05 0.00	27.46 1.84 0.00	25.64 1.66 0.00	24.77 1.56 0.00	25.03 1.56 0.00	29.41 1.88 0.00	30.60 1.94 0.00	29.45 2.05 0.00	30.82 2.32 0.00	31.63 2.37 0.00	32.47 2.27 0.00	29.23 2.02 0.00	24.87 1.69 0.00	24.92 1.56 0.00	24.72 1.49 -1.43
POLETTI____ 23519	29.51 2.05 0.00	30.10 1.81 0.00	28.03 1.65 0.00	29.30 1.60 0.00	34.59 1.96 0.00	36.81 2.10 0.00	52.81 3.22 0.00	42.61 2.79 0.00	36.67 2.67 0.00	30.49 2.29 -2.16	27.69 2.07 0.00	29.50 1.85 -3.66	26.81 1.77 -1.84	26.09 1.76 -0.86	29.64 2.11 0.00	30.12 2.13 0.67	27.50 2.10 2.00	28.69 2.33 2.15	29.62 2.38 2.02	27.94 2.25 4.50	27.63 2.02 1.60	24.89 1.71 0.00	24.90 1.54 0.00	24.65 1.45 -1.40
POMONA____ESR 323819	29.34 1.88 0.00	29.97 1.68 0.00	27.90 1.52 0.00	29.21 1.51 0.00	34.48 1.85 0.00	36.72 2.01 0.00	52.69 3.09 0.00	42.43 2.62 0.00	36.42 2.42 0.00	24.82 2.01 3.24	27.44 1.83 0.00	15.53 1.65 10.11	19.63 1.56 5.13	23.05 1.56 1.97	29.40 1.87 0.00	30.58 1.92 0.00	29.33 1.93 0.00	30.67 2.17 0.00	31.46 2.20 0.00	32.29 2.09 0.00	29.08 1.88 0.00	24.77 1.59 0.00	24.82 1.45 0.00	24.57 1.40 -1.37
PORT_JEFF_3 23555	30.23 2.77 0.00	30.90 2.61 0.00	28.73 2.35 0.00	30.11 2.41 0.00	35.50 2.87 0.00	37.92 3.21 0.00	54.01 4.42 0.00	43.55 3.73 0.00	37.45 3.45 0.00	30.37 2.88 -1.46	29.23 2.63 -0.97	40.30 2.51 -13.81	27.73 2.24 -2.28	28.77 2.24 -3.07	37.12 2.77 -6.82	45.83 2.95 -14.23	30.11 2.70 0.00	32.05 2.97 -0.58	32.20 2.94 0.00	33.32 3.13 0.00	29.84 2.64 0.00	25.35 2.17 0.00	27.57 2.16 -2.05	29.07 2.14 -5.13
PORT_JEFF_4 23616	30.23 2.77 0.00	30.90 2.61 0.00	28.73 2.35 0.00	30.11 2.41 0.00	35.50 2.87 0.00	37.92 3.21 0.00	54.01 4.42 0.00	43.55 3.73 0.00	37.45 3.45 0.00	30.37 2.88 -1.46	29.23 2.63 -0.97	40.30 2.51 -13.81	27.73 2.24 -2.28	28.77 2.24 -3.07	37.12 2.77 -6.82	45.83 2.95 -14.23	30.11 2.70 0.00	32.05 2.97 -0.58	32.20 2.94 0.00	33.32 3.13 0.00	29.84 2.64 0.00	25.35 2.17 0.00	27.57 2.16 -2.05	29.07 2.14 -5.13
PORT_JEFF_IC 23713	30.24 2.78 0.00	30.92 2.63 0.00	28.74 2.36 0.00	30.11 2.41 0.00	35.50 2.87 0.00	37.94 3.23 0.00	54.04 4.44 0.00	43.59 3.78 0.00	37.50 3.50 0.00	30.42 2.92 -1.46	29.25 2.66 -0.97	40.33 2.53 -13.81	27.76 2.28 -2.28	28.82 2.28 -3.07	37.16 2.81 -6.82	45.86 2.97 -14.23	30.16 2.76 0.00	32.13 3.04 -0.58	32.26 3.00 0.00	33.37 3.17 0.00	29.90 2.70 0.00	25.41 2.23 0.00	27.61 2.20 -2.05	29.08 2.15 -5.13
PPL PILGRIM_ST_GT1 24216	30.28 2.82 0.00	30.98 2.69 0.00	28.81 2.42 0.00	30.18 2.48 0.00	35.57 2.94 0.00	37.95 3.25 0.00	53.85 4.26 0.00	43.71 3.90 0.00	37.70 3.70 0.00	30.55 3.05 -1.46	29.36 2.77 -0.97	40.39 2.60 -13.81	27.89 2.41 -2.28	28.98 2.45 -3.07	37.25 2.90 -6.82	45.92 3.03 -14.23	30.35 2.94 0.00	32.35 3.26 -0.58	32.45 3.19 0.00	33.48 3.29 0.00	30.07 2.87 0.00	25.59 2.42 0.00	27.71 2.30 -2.05	29.13 2.20 -5.13

PPL PILGRIM_ST_GT2 24217	30.28 2.82 0.00	30.98 2.69 0.00	28.81 2.42 0.00	30.18 2.48 0.00	35.57 2.94 0.00	37.95 3.25 0.00	53.85 4.26 0.00	43.71 3.90 0.00	37.70 3.70 0.00	30.55 3.05 -1.46	29.36 2.77 -0.97	40.39 2.60 -13.81	27.89 2.41 -2.28	28.98 2.45 -3.07	37.25 2.90 -6.82	45.92 3.03 -14.23	30.35 2.94 0.00	32.35 3.26 -0.58	32.45 3.19 0.00	33.48 3.29 0.00	30.07 2.87 0.00	25.59 2.42 0.00	27.71 2.30 -2.05	29.13 2.20 -5.13
PPL_SHRM_GT3 24213	30.43 2.96 0.00	31.11 2.82 0.00	28.92 2.54 0.00	30.31 2.61 0.00	35.74 3.11 0.00	38.20 3.49 0.00	54.39 4.80 0.00	43.85 4.04 0.00	37.80 3.80 0.00	30.63 3.13 -1.46	29.39 2.80 -0.97	40.42 2.62 -13.81	27.90 2.42 -2.28	28.98 2.44 -3.07	37.28 2.93 -6.82	45.99 3.11 -14.23	30.31 2.90 0.00	32.31 3.23 -0.58	32.24 2.99 0.00	33.39 3.19 0.00	30.08 2.88 0.00	25.65 2.48 0.00	27.83 2.42 -2.05	29.23 2.30 -5.13
PPL_SHRM_GT4 24214	30.43 2.96 0.00	31.11 2.82 0.00	28.92 2.54 0.00	30.31 2.61 0.00	35.74 3.11 0.00	38.20 3.49 0.00	54.39 4.80 0.00	43.85 4.04 0.00	37.80 3.80 0.00	30.63 3.13 -1.46	29.39 2.80 -0.97	40.42 2.62 -13.81	27.90 2.42 -2.28	28.98 2.44 -3.07	37.28 2.93 -6.82	45.99 3.11 -14.23	30.31 2.90 0.00	32.31 3.23 -0.58	32.24 2.99 0.00	33.39 3.19 0.00	30.08 2.88 0.00	25.65 2.48 0.00	27.83 2.42 -2.05	29.23 2.30 -5.13
PROJECT___ORANGE 1 24174	26.80 -0.66 0.00	27.68 -0.61 0.00	25.75 -0.63 0.00	27.10 -0.60 0.00	31.94 -0.69 0.00	34.01 -0.69 0.00	48.68 -0.92 0.00	39.06 -0.75 0.00	33.26 -0.74 0.00	25.44 -0.60 0.00	25.02 -0.59 0.00	23.47 -0.51 0.00	22.69 -0.52 0.00	22.90 -0.57 0.00	26.89 -0.63 0.00	28.04 -0.62 0.00	26.77 -0.64 0.00	27.92 -0.59 0.00	28.66 -0.60 0.00	29.53 -0.66 0.00	26.60 -0.60 0.00	22.59 -0.58 0.00	22.64 -0.72 0.00	21.32 -0.63 -0.15
PROJECT___ORANGE 2 24166	26.80 -0.66 0.00	27.68 -0.61 0.00	25.75 -0.63 0.00	27.10 -0.60 0.00	31.94 -0.69 0.00	34.01 -0.69 0.00	48.68 -0.92 0.00	39.06 -0.75 0.00	33.26 -0.74 0.00	25.44 -0.60 0.00	25.02 -0.59 0.00	23.47 -0.51 0.00	22.69 -0.52 0.00	22.90 -0.57 0.00	26.89 -0.63 0.00	28.04 -0.62 0.00	26.77 -0.64 0.00	27.92 -0.59 0.00	28.66 -0.60 0.00	29.53 -0.66 0.00	26.60 -0.60 0.00	22.59 -0.58 0.00	22.64 -0.72 0.00	21.32 -0.63 -0.15
PUCKETT___SOLAR 323809	27.80 0.34 0.00	28.96 0.67 0.00	26.91 0.53 0.00	28.41 0.71 0.00	33.58 0.94 0.00	35.75 1.04 0.00	51.32 1.72 0.00	41.28 1.47 0.00	35.00 1.01 0.00	26.66 0.62 0.00	26.17 0.55 0.00	24.54 0.56 0.00	23.65 0.44 0.00	23.80 0.34 0.00	27.93 0.40 0.00	29.14 0.48 0.00	27.67 0.26 0.00	28.95 0.45 0.00	29.73 0.47 0.00	30.63 0.43 0.00	27.55 0.35 0.00	23.36 0.18 0.00	23.45 0.08 0.00	22.41 0.13 -0.48
PYRITES___HYD 24023	27.36 -0.10 0.00	28.31 0.02 0.00	26.50 0.12 0.00	27.89 0.20 0.00	32.85 0.22 0.00	34.83 0.12 0.00	49.81 0.21 0.00	40.18 0.36 0.00	34.06 0.06 0.00	26.35 -0.19 -0.49	25.49 -0.13 0.00	24.81 -0.04 -0.87	23.20 -0.01 0.00	23.55 0.08 0.00	27.60 0.08 0.00	28.90 0.24 0.00	27.48 0.08 0.00	28.39 -0.11 0.00	29.21 -0.05 0.00	30.33 0.13 0.00	27.24 0.04 0.00	23.21 0.03 0.00	23.58 0.21 0.00	21.89 0.09 0.00
QUAKERRD_115KV_BK1 80622	25.92 -1.55 0.00	26.94 -1.35 0.00	24.97 -1.41 0.00	26.35 -1.35 0.00	31.09 -1.54 0.00	33.01 -1.70 0.00	47.07 -2.53 0.00	37.65 -2.17 0.00	32.03 -1.97 0.00	24.53 -1.51 0.00	24.18 -1.43 0.00	22.74 -1.24 0.00	21.91 -1.29 0.00	22.16 -1.30 0.00	26.07 -1.46 0.00	27.18 -1.48 0.00	25.85 -1.56 0.00	26.88 -1.62 0.00	27.63 -1.63 0.00	28.31 -1.89 0.00	25.39 -1.82 0.00	21.52 -1.66 0.00	21.48 -1.89 0.00	20.28 -1.71 -0.19
QUENSBRY_115KV_TB8 356137	28.59 1.13 0.00	29.28 0.99 0.00	27.29 0.91 0.00	28.65 0.95 0.00	33.80 1.17 0.00	36.16 1.46 0.00	52.09 2.49 0.00	41.79 1.98 0.00	35.42 1.42 0.00	26.96 0.92 0.00	26.33 0.72 0.00	24.60 0.62 0.00	23.92 0.71 0.00	24.28 0.81 0.00	28.75 1.22 0.00	29.80 1.15 0.00	28.86 1.46 0.00	30.11 1.61 0.00	30.80 1.54 0.00	31.59 1.40 0.00	28.44 1.24 0.00	24.31 1.13 0.00	24.43 1.06 0.00	24.57 1.01 -1.75
RAMAPO___LBMP 323565	29.09 1.63 0.00	29.69 1.40 0.00	27.66 1.27 0.00	28.98 1.28 0.00	34.21 1.58 0.00	36.44 1.74 0.00	52.29 2.69 0.00	42.07 2.26 0.00	36.06 2.07 0.00	25.68 1.72 2.08	27.14 1.52 0.00	18.85 1.36 6.50	21.17 1.26 3.30	23.47 1.27 1.27	29.10 1.57 0.00	30.27 1.62 0.00	29.03 1.63 0.00	30.37 1.87 0.00	31.15 1.89 0.00	31.97 1.78 0.00	28.80 1.60 0.00	24.54 1.37 0.00	24.62 1.25 0.00	24.34 1.22 -1.31
RANKINE____ 23646	26.17 -1.29 0.00	27.49 -0.80 0.00	25.37 -1.01 0.00	26.89 -0.81 0.00	31.71 -0.92 0.00	33.47 -1.23 0.00	47.36 -2.24 0.00	37.68 -2.13 0.00	32.08 -1.92 0.00	24.56 -1.49 0.00	24.20 -1.42 0.00	22.80 -1.19 0.00	21.87 -1.34 0.00	22.07 -1.40 0.00	26.01 -1.52 0.00	27.11 -1.55 0.00	25.55 -1.86 0.00	26.50 -2.01 0.00	27.23 -2.02 0.00	27.79 -2.41 0.00	24.84 -2.36 0.00	21.02 -2.16 0.00	20.88 -2.49 0.00	19.81 -2.22 -0.23
RAVENSWOOD_GT2_1 24244	29.57 2.10 0.00	30.18 1.89 0.00	28.10 1.72 0.00	29.38 1.68 0.00	34.68 2.05 0.00	36.91 2.20 0.00	52.96 3.36 0.00	42.71 2.90 0.00	36.75 2.75 0.00	30.64 2.34 -2.26	27.75 2.14 0.00	30.35 1.93 -4.43	27.31 1.84 -2.26	26.16 1.83 -0.86	29.73 2.20 0.00	30.88 2.22 0.00	29.59 2.19 0.00	30.93 2.43 0.00	31.74 2.48 0.00	32.56 2.36 0.00	29.32 2.12 0.00	24.97 1.79 0.00	24.98 1.61 0.00	24.74 1.53 -1.40
RAVENSWOOD_GT2_2 24245	29.57 2.10 0.00	30.18 1.89 0.00	28.10 1.72 0.00	29.38 1.68 0.00	34.68 2.05 0.00	36.91 2.20 0.00	52.96 3.36 0.00	42.71 2.90 0.00	36.75 2.75 0.00	30.64 2.34 -2.26	27.75 2.14 0.00	30.35 1.93 -4.43	27.31 1.84 -2.26	26.16 1.83 -0.86	29.73 2.20 0.00	30.88 2.22 0.00	29.59 2.19 0.00	30.93 2.43 0.00	31.74 2.48 0.00	32.56 2.36 0.00	29.32 2.12 0.00	24.97 1.79 0.00	24.98 1.61 0.00	24.74 1.53 -1.40
RAVENSWOOD_GT2_3 24246	29.58 2.12 0.00	30.20 1.91 0.00	28.12 1.73 0.00	29.39 1.69 0.00	34.70 2.07 0.00	36.94 2.23 0.00	52.99 3.40 0.00	42.74 2.93 0.00	36.78 2.78 0.00	30.66 2.36 -2.26	27.77 2.15 0.00	30.37 1.95 -4.43	27.33 1.86 -2.26	26.19 1.85 -0.86	29.74 2.22 0.00	30.90 2.24 0.00	29.62 2.21 0.00	30.95 2.45 0.00	31.76 2.50 0.00	32.57 2.38 0.00	29.34 2.14 0.00	24.98 1.80 0.00	25.00 1.63 0.00	24.75 1.54 -1.40
RAVENSWOOD_GT2_4 24247	29.58 2.12 0.00	30.20 1.91 0.00	28.12 1.73 0.00	29.39 1.69 0.00	34.70 2.07 0.00	36.94 2.23 0.00	52.99 3.40 0.00	42.74 2.93 0.00	36.78 2.78 0.00	30.66 2.36 -2.26	27.77 2.15 0.00	30.37 1.95 -4.43	27.33 1.86 -2.26	26.19 1.85 -0.86	29.74 2.22 0.00	30.90 2.24 0.00	29.62 2.21 0.00	30.95 2.45 0.00	31.76 2.50 0.00	32.57 2.38 0.00	29.34 2.14 0.00	24.98 1.80 0.00	25.00 1.63 0.00	24.75 1.54 -1.40

RAVENSWOOD_GT3_1 24248	29.57 2.10 0.00	30.18 1.89 0.00	28.11 1.73 0.00	29.38 1.68 0.00	34.69 2.06 0.00	36.92 2.21 0.00	52.97 3.37 0.00	42.73 2.91 0.00	36.76 2.76 0.00	30.64 2.34 -2.26	27.76 2.14 0.00	30.36 1.94 -4.43	27.31 1.85 -2.26	26.17 1.84 -0.86	29.73 2.20 0.00	30.88 2.23 0.00	29.60 2.19 0.00	30.93 2.43 0.00	31.74 2.48 0.00	32.56 2.36 0.00	29.33 2.12 0.00	24.97 1.79 0.00	24.98 1.61 0.00	24.74 1.54 -1.40
RAVENSWOOD_GT3_2 24249	29.57 2.10 0.00	30.18 1.89 0.00	28.11 1.73 0.00	29.38 1.68 0.00	34.69 2.06 0.00	36.92 2.21 0.00	52.97 3.37 0.00	42.73 2.91 0.00	36.76 2.76 0.00	30.64 2.34 -2.26	27.76 2.14 0.00	30.36 1.94 -4.43	27.31 1.85 -2.26	26.17 1.84 -0.86	29.73 2.20 0.00	30.88 2.23 0.00	29.60 2.19 0.00	30.93 2.43 0.00	31.74 2.48 0.00	32.56 2.36 0.00	29.33 2.12 0.00	24.97 1.79 0.00	24.98 1.61 0.00	24.74 1.54 -1.40
RAVENSWOOD_GT3_3 24250	29.57 2.10 0.00	30.18 1.89 0.00	28.11 1.73 0.00	29.38 1.68 0.00	34.69 2.06 0.00	36.92 2.21 0.00	52.97 3.37 0.00	42.73 2.91 0.00	36.76 2.76 0.00	30.64 2.34 -2.26	27.76 2.14 0.00	30.36 1.94 -4.43	27.32 1.85 -2.26	26.17 1.84 -0.86	29.73 2.20 0.00	30.88 2.23 0.00	29.60 2.19 0.00	30.93 2.43 0.00	31.74 2.48 0.00	32.56 2.37 0.00	29.33 2.12 0.00	24.97 1.79 0.00	24.98 1.61 0.00	24.74 1.54 -1.40
RAVENSWOOD_GT3_4 24251	29.57 2.10 0.00	30.18 1.89 0.00	28.11 1.73 0.00	29.38 1.68 0.00	34.69 2.06 0.00	36.92 2.21 0.00	52.97 3.37 0.00	42.73 2.91 0.00	36.76 2.76 0.00	30.64 2.34 -2.26	27.76 2.14 0.00	30.36 1.94 -4.43	27.32 1.85 -2.26	26.17 1.84 -0.86	29.73 2.20 0.00	30.88 2.23 0.00	29.60 2.19 0.00	30.93 2.43 0.00	31.74 2.48 0.00	32.56 2.37 0.00	29.33 2.12 0.00	24.97 1.79 0.00	24.98 1.61 0.00	24.74 1.54 -1.40
RAVENSWOOD_GT_1 23729	29.65 2.19 0.00	30.25 1.96 0.00	28.17 1.79 0.00	29.42 1.73 0.00	34.76 2.13 0.00	37.00 2.29 0.00	53.07 3.47 0.00	42.82 3.01 0.00	36.88 2.88 0.00	30.73 2.43 -2.26	27.87 2.25 0.00	30.46 2.04 -4.43	27.42 1.95 -2.26	26.23 1.90 -0.86	29.81 2.28 0.00	30.95 2.30 0.00	29.64 2.24 0.00	30.98 2.48 0.00	31.79 2.53 0.00	32.61 2.41 0.00	29.37 2.17 0.00	25.01 1.83 0.00	25.00 1.64 0.00	24.76 1.56 -1.40
RAVENSWOOD_GT_10 24258	29.57 2.10 0.00	30.18 1.89 0.00	28.11 1.73 0.00	29.38 1.68 0.00	34.69 2.06 0.00	36.92 2.21 0.00	52.97 3.37 0.00	42.73 2.91 0.00	36.76 2.76 0.00	30.64 2.34 -2.26	27.76 2.14 0.00	30.36 1.94 -4.43	27.32 1.85 -2.26	26.17 1.84 -0.86	29.73 2.20 0.00	30.88 2.23 0.00	29.60 2.19 0.00	30.93 2.43 0.00	31.74 2.48 0.00	32.56 2.37 0.00	29.33 2.12 0.00	24.97 1.79 0.00	24.98 1.61 0.00	24.74 1.54 -1.40
RAVENSWOOD_GT_11 24259	29.57 2.10 0.00	30.18 1.89 0.00	28.11 1.73 0.00	29.38 1.68 0.00	34.69 2.06 0.00	36.92 2.21 0.00	52.97 3.37 0.00	42.73 2.91 0.00	36.76 2.76 0.00	30.64 2.34 -2.26	27.76 2.14 0.00	30.36 1.94 -4.43	27.32 1.85 -2.26	26.17 1.84 -0.86	29.73 2.20 0.00	30.88 2.23 0.00	29.60 2.19 0.00	30.93 2.43 0.00	31.74 2.48 0.00	32.56 2.37 0.00	29.33 2.12 0.00	24.97 1.79 0.00	24.98 1.61 0.00	24.74 1.54 -1.40
RAVENSWOOD_GT_4 24252	29.55 2.09 0.00	30.18 1.89 0.00	28.10 1.71 0.00	29.38 1.68 0.00	34.68 2.05 0.00	36.91 2.20 0.00	52.95 3.35 0.00	42.70 2.89 0.00	36.74 2.74 0.00	30.63 2.33 -2.26	27.74 2.12 0.00	30.34 1.92 -4.43	27.30 1.83 -2.26	26.16 1.83 -0.86	29.72 2.19 0.00	30.88 2.22 0.00	29.59 2.18 0.00	30.92 2.42 0.00	31.73 2.47 0.00	32.55 2.36 0.00	29.32 2.12 0.00	24.96 1.79 0.00	24.98 1.61 0.00	24.74 1.53 -1.40
RAVENSWOOD_GT_5 24254	29.55 2.09 0.00	30.18 1.89 0.00	28.10 1.71 0.00	29.38 1.68 0.00	34.68 2.05 0.00	36.91 2.20 0.00	52.95 3.35 0.00	42.70 2.89 0.00	36.74 2.74 0.00	30.63 2.33 -2.26	27.74 2.12 0.00	30.34 1.92 -4.43	27.30 1.83 -2.26	26.16 1.83 -0.86	29.72 2.19 0.00	30.88 2.22 0.00	29.59 2.18 0.00	30.92 2.42 0.00	31.73 2.47 0.00	32.55 2.36 0.00	29.32 2.12 0.00	24.96 1.79 0.00	24.98 1.61 0.00	24.74 1.53 -1.40
RAVENSWOOD_GT_6 24253	29.55 2.09 0.00	30.18 1.89 0.00	28.10 1.71 0.00	29.38 1.68 0.00	34.68 2.05 0.00	36.91 2.20 0.00	52.95 3.35 0.00	42.70 2.89 0.00	36.74 2.74 0.00	30.63 2.33 -2.26	27.74 2.12 0.00	30.34 1.92 -4.43	27.30 1.83 -2.26	26.16 1.83 -0.86	29.72 2.19 0.00	30.88 2.22 0.00	29.59 2.18 0.00	30.92 2.42 0.00	31.73 2.47 0.00	32.55 2.36 0.00	29.32 2.12 0.00	24.96 1.79 0.00	24.98 1.61 0.00	24.74 1.53 -1.40
RAVENSWOOD_GT_7 24255	29.55 2.09 0.00	30.18 1.89 0.00	28.10 1.71 0.00	29.38 1.68 0.00	34.68 2.05 0.00	36.91 2.20 0.00	52.95 3.35 0.00	42.70 2.89 0.00	36.74 2.74 0.00	30.63 2.33 -2.26	27.74 2.12 0.00	30.34 1.92 -4.43	27.30 1.83 -2.26	26.16 1.83 -0.86	29.72 2.19 0.00	30.88 2.22 0.00	29.59 2.18 0.00	30.92 2.42 0.00	31.73 2.47 0.00	32.55 2.36 0.00	29.32 2.12 0.00	24.96 1.79 0.00	24.98 1.61 0.00	24.74 1.53 -1.40
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.57 2.10 0.00	30.18 1.89 0.00	28.11 1.73 0.00	29.38 1.68 0.00	34.69 2.06 0.00	36.92 2.21 0.00	52.97 3.37 0.00	42.73 2.91 0.00	36.76 2.76 0.00	30.64 2.34 -2.26	27.76 2.14 0.00	30.36 1.94 -4.43	27.32 1.85 -2.26	26.17 1.84 -0.86	29.73 2.20 0.00	30.88 2.23 0.00	29.60 2.19 0.00	30.93 2.43 0.00	31.74 2.48 0.00	32.56 2.37 0.00	29.33 2.12 0.00	24.97 1.79 0.00	24.98 1.61 0.00	24.74 1.54 -1.40
RAVENSWOOD_GT_9 24257	29.57 2.10 0.00	30.18 1.89 0.00	28.11 1.73 0.00	29.38 1.68 0.00	34.69 2.06 0.00	36.92 2.21 0.00	52.97 3.37 0.00	42.73 2.91 0.00	36.76 2.76 0.00	30.64 2.34 -2.26	27.76 2.14 0.00	30.36 1.94 -4.43	27.32 1.85 -2.26	26.17 1.84 -0.86	29.73 2.20 0.00	30.88 2.23 0.00	29.60 2.19 0.00	30.93 2.43 0.00	31.74 2.48 0.00	32.56 2.37 0.00	29.33 2.12 0.00	24.97 1.79 0.00	24.98 1.61 0.00	24.74 1.54 -1.40
RAVENSWOOD___1 23533	29.65 2.19 0.00	30.25 1.96 0.00	28.17 1.79 0.00	29.42 1.73 0.00	34.76 2.13 0.00	37.00 2.29 0.00	53.07 3.48 0.00	42.82 3.01 0.00	36.88 2.88 0.00	30.72 2.42 -2.26	27.87 2.25 -0.01	30.46 2.04 -4.44	27.42 1.95 -2.26	26.23 1.90 -0.86	29.81 2.28 0.00	30.95 2.29 0.00	29.65 2.24 0.00	30.97 2.47 0.00	31.79 2.53 0.00	32.60 2.41 0.00	29.37 2.17 0.00	25.01 1.83 0.00	25.00 1.64 0.00	24.76 1.56 -1.40
RAVENSWOOD___2 23534	29.65 2.19 0.00	30.25 1.96 0.00	28.17 1.79 0.00	29.42 1.73 0.00	34.76 2.13 0.00	37.00 2.29 0.00	53.07 3.48 0.00	42.82 3.01 0.00	36.88 2.88 0.00	30.72 2.42 -2.26	27.87 2.25 -0.01	30.46 2.04 -4.44	27.42 1.95 -2.26	26.23 1.90 -0.86	29.81 2.28 0.00	30.95 2.29 0.00	29.65 2.24 0.00	30.97 2.47 0.00	31.79 2.53 0.00	32.60 2.41 0.00	29.37 2.17 0.00	25.01 1.83 0.00	25.00 1.64 0.00	24.76 1.56 -1.40

RAVENSWOOD___3 23535	29.57 2.11 0.00	30.18 1.89 0.00	28.11 1.72 0.00	29.38 1.68 0.00	34.69 2.06 0.00	36.91 2.21 0.00	52.97 3.37 0.00	42.73 2.91 0.00	36.76 2.76 0.00	30.64 2.34 -2.26	27.76 2.15 0.00	30.36 1.94 -4.43	27.31 1.85 -2.26	26.17 1.84 -0.86	29.73 2.20 0.00	30.88 2.22 0.00	29.60 2.19 0.00	30.92 2.43 0.00	31.74 2.48 0.00	32.56 2.36 0.00	29.33 2.12 0.00	24.97 1.79 0.00	24.98 1.61 0.00	24.74 1.54 -1.40
RAVENSWOOD___4 23820	29.65 2.19 0.00	30.25 1.96 0.00	28.17 1.79 0.00	29.42 1.73 0.00	34.76 2.13 0.00	37.00 2.29 0.00	53.07 3.48 0.00	42.82 3.01 0.00	36.88 2.88 0.00	30.72 2.42 -2.26	27.87 2.25 -0.01	30.46 2.04 -4.44	27.42 1.95 -2.26	26.23 1.90 -0.86	29.81 2.28 0.00	30.95 2.29 0.00	29.65 2.24 0.00	30.97 2.47 0.00	31.79 2.53 0.00	32.60 2.41 0.00	29.37 2.17 0.00	25.01 1.83 0.00	25.00 1.64 0.00	24.76 1.56 -1.40
RCPL_TRUST___DRP 24196	29.59 2.13 0.00	30.21 1.92 0.00	28.13 1.75 0.00	29.40 1.70 0.00	34.72 2.10 0.00	36.95 2.24 0.00	53.02 3.42 0.00	42.77 2.96 0.00	36.81 2.81 0.00	30.50 2.40 -2.06	27.81 2.20 0.00	30.42 1.99 -4.45	27.37 1.90 -2.26	26.22 1.89 -0.87	29.78 2.25 0.00	30.94 2.28 0.00	29.65 2.24 0.00	30.97 2.47 0.00	31.77 2.51 0.00	32.59 2.40 0.00	29.35 2.15 0.00	24.99 1.81 0.00	24.99 1.62 0.00	24.74 1.54 -1.40
RED___ROCHESTER 323720	26.56 -0.90 0.00	27.66 -0.62 0.00	25.61 -0.77 0.00	27.05 -0.65 0.00	31.92 -0.71 0.00	33.86 -0.85 0.00	48.24 -1.35 0.00	38.58 -1.24 0.00	32.81 -1.18 0.00	25.15 -0.89 0.00	24.81 -0.80 0.00	23.35 -0.63 0.00	22.47 -0.74 0.00	22.74 -0.73 0.00	26.77 -0.76 0.00	27.90 -0.76 0.00	26.48 -0.93 0.00	27.56 -0.94 0.00	28.32 -0.94 0.00	28.97 -1.22 0.00	25.96 -1.24 0.00	21.98 -1.19 0.00	21.89 -1.48 0.00	20.67 -1.32 -0.19
REGAN___SOLAR 323812	30.07 2.61 0.00	31.01 2.72 0.00	28.94 2.56 0.00	30.45 2.76 0.00	36.02 3.39 0.00	38.54 3.83 0.00	55.33 5.74 0.00	44.56 4.75 0.00	37.23 3.23 0.00	27.61 1.57 0.00	26.77 1.15 0.00	24.92 0.93 0.00	24.06 0.85 0.00	25.16 1.69 0.00	29.57 2.04 0.00	30.50 1.84 0.00	30.26 2.85 0.00	31.85 3.35 0.00	32.74 3.48 0.00	33.77 3.58 0.00	30.30 3.10 0.00	25.71 2.53 0.00	25.71 2.35 0.00	25.66 1.93 -1.93
RENSSELAER___COGEN 23796	28.78 1.32 0.00	29.48 1.19 0.00	27.50 1.12 0.00	28.81 1.11 0.00	33.96 1.33 0.00	36.11 1.41 0.00	51.48 1.89 0.00	41.05 1.24 0.00	35.10 1.10 0.00	26.85 0.81 0.00	26.14 0.52 0.00	24.51 0.52 0.00	23.75 0.54 0.00	24.04 0.57 0.00	28.06 0.53 0.00	29.17 0.51 0.00	28.10 0.70 0.00	29.37 0.87 0.00	30.11 0.85 0.00	31.07 0.87 0.00	28.02 0.82 0.00	23.92 0.74 0.00	24.09 0.72 0.00	24.53 1.03 -1.70
REPUBLIC_115KV_BARTNBRK 55605	29.60 2.14 0.00	30.24 1.95 0.00	28.23 1.85 0.00	29.64 1.94 0.00	34.95 2.32 0.00	37.67 2.96 0.00	54.62 5.02 0.00	43.82 4.00 0.00	37.00 3.00 0.00	28.02 1.98 0.00	27.31 1.70 0.00	25.49 1.51 0.00	25.00 1.79 0.00	25.32 1.85 0.00	30.30 2.77 0.00	31.22 2.56 0.00	30.46 3.05 0.00	31.62 3.12 0.00	32.15 2.89 0.00	32.84 2.65 0.00	29.53 2.33 0.00	25.43 2.25 0.00	25.64 2.28 0.00	25.67 2.12 -1.75
REVERE_CPPR_DRP 24186	28.49 1.02 0.00	29.43 1.14 0.00	27.43 1.05 0.00	28.89 1.19 0.00	34.10 1.47 0.00	36.41 1.70 0.00	52.39 2.79 0.00	42.05 2.24 0.00	35.63 1.62 0.00	27.07 1.03 0.00	26.62 1.00 0.00	24.92 0.94 0.00	24.22 1.01 0.00	24.47 1.01 0.00	28.67 1.14 0.00	29.84 1.18 0.00	28.51 1.10 0.00	29.77 1.27 0.00	30.55 1.30 0.00	31.43 1.24 0.00	28.24 1.03 0.00	23.95 0.77 0.00	24.04 0.68 0.00	22.51 0.63 -0.08
REYNOLDS_115KV_TB3 80639	28.89 1.42 0.00	29.59 1.30 0.00	27.60 1.21 0.00	28.91 1.21 0.00	34.08 1.45 0.00	36.22 1.52 0.00	51.66 2.07 0.00	41.27 1.46 0.00	35.30 1.30 0.00	27.05 1.00 0.00	26.39 0.77 0.00	24.72 0.73 0.00	23.93 0.72 0.00	24.24 0.77 0.00	28.30 0.77 0.00	29.40 0.74 0.00	28.31 0.91 0.00	29.59 1.08 0.00	30.33 1.07 0.00	31.25 1.06 0.00	28.21 1.01 0.00	24.09 0.91 0.00	24.26 0.89 0.00	24.59 1.09 -1.70
RIVERBAY____ 323610	29.72 2.26 0.00	30.32 2.03 0.00	28.25 1.87 0.00	29.49 1.79 0.00	34.85 2.22 0.00	37.12 2.42 0.00	53.30 3.70 0.00	43.01 3.20 0.00	36.97 2.97 0.00	30.63 2.42 -2.17	27.89 2.29 0.01	30.44 2.03 -4.42	27.38 1.93 -2.24	26.21 1.88 -0.86	29.81 2.29 0.00	30.95 2.30 0.00	29.70 2.29 0.00	31.04 2.54 0.00	31.86 2.60 0.00	32.66 2.47 0.00	29.42 2.22 0.00	25.05 1.87 0.00	25.05 1.69 0.00	24.81 1.61 -1.40
RIVERSDE_115KV_TB3 55908	28.87 1.41 0.00	29.57 1.28 0.00	27.59 1.21 0.00	28.91 1.21 0.00	34.07 1.44 0.00	36.22 1.51 0.00	51.65 2.05 0.00	41.22 1.41 0.00	35.25 1.25 0.00	26.99 0.95 0.00	26.29 0.68 0.00	24.64 0.66 0.00	23.87 0.66 0.00	24.17 0.70 0.00	28.22 0.69 0.00	29.32 0.67 0.00	28.25 0.84 0.00	29.52 1.02 0.00	30.26 1.00 0.00	31.20 1.01 0.00	28.15 0.95 0.00	24.03 0.85 0.00	24.20 0.83 0.00	24.59 1.09 -1.70
ROARING___BROOK_WT_PWR 323790	27.09 -0.38 0.00	28.05 -0.24 0.00	26.22 -0.16 0.00	27.59 -0.11 0.00	32.52 -0.11 0.00	34.58 -0.12 0.00	49.32 -0.28 0.00	39.61 -0.20 0.00	33.83 -0.17 0.00	25.90 -0.14 0.00	25.53 -0.09 0.00	23.91 -0.08 0.00	23.14 -0.07 0.00	23.36 -0.10 0.00	27.35 -0.17 0.00	28.37 -0.28 0.00	26.86 -0.55 0.00	27.73 -0.76 0.00	28.37 -0.89 0.00	29.46 -0.74 0.00	26.51 -0.69 0.00	22.57 -0.60 0.00	22.86 -0.51 0.00	21.30 -0.51 0.00
ROCHESRG_115KV_T4 355643	26.29 -1.17 0.00	27.38 -0.91 0.00	25.35 -1.03 0.00	26.77 -0.92 0.00	31.59 -1.04 0.00	33.49 -1.22 0.00	47.66 -1.94 0.00	38.09 -1.73 0.00	32.43 -1.57 0.00	24.84 -1.20 0.00	24.50 -1.12 0.00	23.06 -0.93 0.00	22.19 -1.02 0.00	22.46 -1.01 0.00	26.41 -1.12 0.00	27.53 -1.13 0.00	26.13 -1.27 0.00	27.17 -1.33 0.00	27.93 -1.33 0.00	28.58 -1.62 0.00	25.62 -1.59 0.00	21.71 -1.47 0.00	21.63 -1.73 0.00	20.44 -1.55 -0.19
ROCHESTER_9_IC 23652	26.44 -1.02 0.00	27.54 -0.74 0.00	25.49 -0.89 0.00	26.94 -0.76 0.00	31.78 -0.85 0.00	33.70 -1.01 0.00	48.00 -1.60 0.00	38.36 -1.45 0.00	32.64 -1.36 0.00	25.01 -1.03 0.00	24.67 -0.94 0.00	23.22 -0.76 0.00	22.34 -0.86 0.00	22.62 -0.85 0.00	26.61 -0.92 0.00	27.73 -0.92 0.00	26.33 -1.08 0.00	27.38 -1.13 0.00	28.15 -1.11 0.00	28.79 -1.41 0.00	25.80 -1.40 0.00	21.85 -1.33 0.00	21.77 -1.59 0.00	20.56 -1.43 -0.19
ROCKVIEW_13_KV_LD 356306	29.55 2.09 0.00	30.19 1.90 0.00	28.10 1.72 0.00	29.41 1.71 0.00	34.70 2.08 0.00	36.96 2.25 0.00	53.01 3.41 0.00	42.73 2.92 0.00	36.70 2.69 0.00	29.72 2.25 -1.42	27.67 2.06 0.00	30.29 1.87 -4.44	27.23 1.77 -2.25	26.10 1.77 -0.86	29.64 2.11 0.00	30.81 2.15 0.00	29.56 2.15 0.00	30.90 2.40 0.00	31.69 2.44 0.00	32.53 2.33 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.97 1.61 0.00	24.74 1.53 -1.40

ROME____115KV_TB2 80656	28.49 1.02 0.00	29.43 1.14 0.00	27.43 1.05 0.00	28.89 1.19 0.00	34.10 1.47 0.00	36.41 1.70 0.00	52.39 2.79 0.00	42.05 2.24 0.00	35.63 1.62 0.00	27.07 1.03 0.00	26.62 1.00 0.00	24.92 0.94 0.00	24.22 1.01 0.00	24.47 1.01 0.00	28.67 1.14 0.00	29.84 1.18 0.00	28.51 1.10 0.00	29.77 1.27 0.00	30.55 1.30 0.00	31.43 1.24 0.00	28.24 1.03 0.00	23.95 0.77 0.00	24.04 0.68 0.00	22.51 0.63 -0.08
ROSETON____1 23587	29.15 1.69 0.00	29.80 1.51 0.00	27.76 1.38 0.00	29.07 1.37 0.00	34.29 1.66 0.00	36.51 1.80 0.00	52.36 2.76 0.00	42.15 2.34 0.00	36.14 2.14 0.00	27.80 1.77 0.00	27.21 1.59 0.00	25.41 1.43 0.00	24.55 1.34 0.00	24.81 1.34 0.00	29.14 1.61 0.00	30.29 1.63 0.00	29.09 1.68 0.00	30.40 1.90 0.00	31.19 1.93 0.00	32.03 1.83 0.00	28.85 1.64 0.00	24.57 1.40 0.00	24.64 1.28 0.00	24.43 1.24 -1.39
ROSETON____2 23588	29.15 1.69 0.00	29.80 1.51 0.00	27.76 1.38 0.00	29.07 1.37 0.00	34.29 1.66 0.00	36.51 1.80 0.00	52.36 2.76 0.00	42.15 2.34 0.00	36.14 2.14 0.00	27.80 1.77 0.00	27.21 1.59 0.00	25.41 1.43 0.00	24.55 1.34 0.00	24.81 1.34 0.00	29.14 1.61 0.00	30.29 1.63 0.00	29.09 1.68 0.00	30.40 1.90 0.00	31.19 1.93 0.00	32.03 1.83 0.00	28.85 1.64 0.00	24.57 1.40 0.00	24.64 1.28 0.00	24.43 1.24 -1.39
ROTTRDAM_115KV_TB3 80664	28.56 1.10 0.00	29.32 1.04 0.00	27.34 0.95 0.00	28.68 0.98 0.00	33.81 1.18 0.00	36.00 1.29 0.00	51.55 1.95 0.00	41.37 1.55 0.00	35.28 1.28 0.00	27.00 0.96 0.00	26.44 0.83 0.00	24.73 0.75 0.00	23.94 0.73 0.00	24.26 0.79 0.00	28.47 0.95 0.00	29.59 0.94 0.00	28.47 1.06 0.00	29.71 1.21 0.00	30.49 1.23 0.00	31.36 1.17 0.00	28.26 1.06 0.00	24.09 0.91 0.00	24.20 0.84 0.00	24.40 0.83 -1.77
RUSSELL____1 23602	26.56 -0.90 0.00	27.66 -0.62 0.00	25.61 -0.77 0.00	27.05 -0.65 0.00	31.92 -0.71 0.00	33.86 -0.85 0.00	48.24 -1.35 0.00	38.58 -1.23 0.00	32.81 -1.18 0.00	25.15 -0.89 0.00	24.81 -0.80 0.00	23.35 -0.63 0.00	22.47 -0.74 0.00	22.74 -0.73 0.00	26.76 -0.77 0.00	27.90 -0.76 0.00	26.48 -0.93 0.00	27.55 -0.95 0.00	28.32 -0.93 0.00	28.97 -1.23 0.00	25.96 -1.24 0.00	21.98 -1.19 0.00	21.89 -1.47 0.00	20.67 -1.32 -0.19
RUSSELL____2 23532	26.56 -0.90 0.00	27.66 -0.62 0.00	25.61 -0.77 0.00	27.05 -0.65 0.00	31.92 -0.71 0.00	33.86 -0.85 0.00	48.24 -1.35 0.00	38.58 -1.23 0.00	32.81 -1.18 0.00	25.15 -0.89 0.00	24.81 -0.80 0.00	23.35 -0.63 0.00	22.47 -0.74 0.00	22.74 -0.73 0.00	26.76 -0.77 0.00	27.90 -0.76 0.00	26.48 -0.93 0.00	27.55 -0.95 0.00	28.32 -0.93 0.00	28.97 -1.23 0.00	25.96 -1.24 0.00	21.98 -1.19 0.00	21.89 -1.47 0.00	20.67 -1.32 -0.19
RUSSELL____3 23549	26.56 -0.90 0.00	27.66 -0.62 0.00	25.61 -0.77 0.00	27.05 -0.65 0.00	31.92 -0.71 0.00	33.86 -0.85 0.00	48.24 -1.35 0.00	38.58 -1.23 0.00	32.81 -1.18 0.00	25.15 -0.89 0.00	24.81 -0.80 0.00	23.35 -0.63 0.00	22.47 -0.74 0.00	22.74 -0.73 0.00	26.76 -0.77 0.00	27.90 -0.76 0.00	26.48 -0.93 0.00	27.55 -0.95 0.00	28.32 -0.93 0.00	28.97 -1.23 0.00	25.96 -1.24 0.00	21.98 -1.19 0.00	21.89 -1.47 0.00	20.67 -1.32 -0.19
RUSSELL____4 23556	26.56 -0.90 0.00	27.66 -0.62 0.00	25.61 -0.77 0.00	27.05 -0.65 0.00	31.92 -0.71 0.00	33.86 -0.85 0.00	48.24 -1.35 0.00	38.58 -1.23 0.00	32.81 -1.18 0.00	25.15 -0.89 0.00	24.81 -0.80 0.00	23.35 -0.63 0.00	22.47 -0.74 0.00	22.74 -0.73 0.00	26.76 -0.77 0.00	27.90 -0.76 0.00	26.48 -0.93 0.00	27.55 -0.95 0.00	28.32 -0.93 0.00	28.97 -1.23 0.00	25.96 -1.24 0.00	21.98 -1.19 0.00	21.89 -1.47 0.00	20.67 -1.32 -0.19
RUSSELL____STATION 23914	26.56 -0.90 0.00	27.66 -0.62 0.00	25.61 -0.77 0.00	27.05 -0.65 0.00	31.92 -0.71 0.00	33.86 -0.85 0.00	48.24 -1.35 0.00	38.58 -1.23 0.00	32.81 -1.18 0.00	25.15 -0.89 0.00	24.81 -0.80 0.00	23.35 -0.63 0.00	22.47 -0.74 0.00	22.74 -0.73 0.00	26.76 -0.77 0.00	27.90 -0.76 0.00	26.48 -0.93 0.00	27.55 -0.95 0.00	28.32 -0.93 0.00	28.97 -1.23 0.00	25.96 -1.24 0.00	21.98 -1.19 0.00	21.89 -1.47 0.00	20.67 -1.32 -0.19
S SALMON____HYD 24043	26.75 -0.71 0.00	27.67 -0.61 0.00	25.80 -0.58 0.00	27.19 -0.51 0.00	32.05 -0.58 0.00	34.11 -0.59 0.00	48.96 -0.63 0.00	39.31 -0.51 0.00	33.33 -0.67 0.00	25.36 -0.68 0.00	24.96 -0.66 0.00	23.50 -0.49 0.00	22.66 -0.55 0.00	22.92 -0.55 0.00	26.86 -0.67 0.00	27.95 -0.71 0.00	26.52 -0.89 0.00	27.69 -0.81 0.00	28.52 -0.74 0.00	29.29 -0.91 0.00	26.29 -0.91 0.00	22.34 -0.83 0.00	22.41 -0.96 0.00	21.05 -0.87 -0.12
S.PERRY__115KV_TB1 80734	27.74 0.28 0.00	29.02 0.73 0.00	26.95 0.57 0.00	28.52 0.82 0.00	33.62 0.99 0.00	35.84 1.14 0.00	51.47 1.88 0.00	41.35 1.54 0.00	34.77 0.77 0.00	26.41 0.36 0.00	26.09 0.47 0.00	24.33 0.34 0.00	23.07 -0.14 0.00	23.40 -0.07 0.00	27.13 -0.39 0.00	28.61 -0.05 0.00	27.25 -0.16 0.00	28.47 -0.03 0.00	29.35 0.09 0.00	30.11 -0.08 0.00	27.14 -0.06 0.00	22.87 -0.30 0.00	22.83 -0.53 0.00	21.65 -0.43 -0.28
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.83 -1.64 0.00	27.12 -1.17 0.00	25.02 -1.36 0.00	26.52 -1.18 0.00	31.28 -1.35 0.00	33.01 -1.70 0.00	46.63 -2.96 0.00	37.08 -2.74 0.00	31.59 -2.41 0.00	24.18 -1.86 0.00	23.84 -1.78 0.00	22.47 -1.51 0.00	21.58 -1.63 0.00	21.79 -1.67 0.00	25.68 -1.85 0.00	26.76 -1.89 0.00	25.26 -2.15 0.00	26.20 -2.30 0.00	26.95 -2.31 0.00	27.49 -2.71 0.00	24.58 -2.63 0.00	20.79 -2.38 0.00	20.65 -2.72 0.00	19.60 -2.42 -0.22
SAWYER__23_KV_LOAD 55526	25.83 -1.64 0.00	27.12 -1.17 0.00	25.02 -1.36 0.00	26.52 -1.18 0.00	31.28 -1.35 0.00	33.01 -1.70 0.00	46.63 -2.96 0.00	37.08 -2.74 0.00	31.59 -2.41 0.00	24.18 -1.86 0.00	23.84 -1.78 0.00	22.47 -1.51 0.00	21.58 -1.63 0.00	21.79 -1.67 0.00	25.68 -1.85 0.00	26.76 -1.89 0.00	25.26 -2.15 0.00	26.20 -2.30 0.00	26.95 -2.31 0.00	27.49 -2.71 0.00	24.58 -2.63 0.00	20.79 -2.38 0.00	20.65 -2.72 0.00	19.60 -2.42 -0.22
SELKIRK____I 23801	28.81 1.34 0.00	29.57 1.28 0.00	27.58 1.20 0.00	28.92 1.23 0.00	34.10 1.47 0.00	36.25 1.55 0.00	51.75 2.16 0.00	41.29 1.48 0.00	35.16 1.16 0.00	26.85 0.81 0.00	26.24 0.62 0.00	24.60 0.61 0.00	23.83 0.62 0.00	24.11 0.64 0.00	28.29 0.76 0.00	29.41 0.75 0.00	28.34 0.94 0.00	29.63 1.13 0.00	30.38 1.13 0.00	31.32 1.12 0.00	28.23 1.03 0.00	24.08 0.90 0.00	24.24 0.87 0.00	24.51 1.04 -1.67
SELKIRK____II 23799	28.69 1.23 0.00	29.42 1.13 0.00	27.43 1.05 0.00	28.75 1.06 0.00	33.90 1.27 0.00	36.05 1.35 0.00	51.47 1.87 0.00	41.15 1.34 0.00	35.17 1.17 0.00	26.93 0.89 0.00	26.29 0.67 0.00	24.63 0.64 0.00	23.84 0.63 0.00	24.12 0.65 0.00	28.23 0.70 0.00	29.35 0.69 0.00	28.24 0.83 0.00	29.50 1.00 0.00	30.25 0.99 0.00	31.18 0.98 0.00	28.11 0.91 0.00	23.97 0.79 0.00	24.13 0.76 0.00	24.43 0.94 -1.69

SENECA OSWGO___HYD 24041	26.60 -0.86 0.00	27.45 -0.84 0.00	25.54 -0.84 0.00	26.87 -0.83 0.00	31.69 -0.94 0.00	33.73 -0.97 0.00	48.30 -1.30 0.00	38.74 -1.08 0.00	32.97 -1.03 0.00	25.19 -0.85 0.00	24.77 -0.85 0.00	23.25 -0.73 0.00	22.49 -0.72 0.00	22.71 -0.75 0.00	26.66 -0.86 0.00	27.80 -0.86 0.00	26.56 -0.85 0.00	27.70 -0.80 0.00	28.45 -0.81 0.00	29.28 -0.91 0.00	26.34 -0.86 0.00	22.37 -0.81 0.00	22.43 -0.94 0.00	21.09 -0.85 -0.14
SENECA___115KV_TB3 355854	26.22 -1.24 0.00	27.54 -0.75 0.00	25.42 -0.97 0.00	26.94 -0.76 0.00	31.77 -0.86 0.00	33.54 -1.17 0.00	47.45 -2.15 0.00	37.75 -2.06 0.00	32.14 -1.86 0.00	24.60 -1.44 0.00	24.25 -1.37 0.00	22.84 -1.15 0.00	21.91 -1.29 0.00	22.11 -1.36 0.00	26.06 -1.47 0.00	27.16 -1.49 0.00	25.60 -1.80 0.00	26.55 -1.95 0.00	27.29 -1.96 0.00	27.85 -2.35 0.00	24.89 -2.31 0.00	21.06 -2.11 0.00	20.92 -2.44 0.00	19.84 -2.19 -0.23
SENECA___ENERGY 23797	27.02 -0.45 0.00	28.02 -0.27 0.00	26.04 -0.34 0.00	27.40 -0.30 0.00	32.29 -0.34 0.00	34.48 -0.23 0.00	49.29 -0.31 0.00	39.52 -0.30 0.00	33.58 -0.42 0.00	25.62 -0.42 0.00	25.24 -0.37 0.00	23.73 -0.26 0.00	22.80 -0.41 0.00	22.98 -0.49 0.00	27.00 -0.53 0.00	28.18 -0.48 0.00	26.88 -0.52 0.00	28.01 -0.49 0.00	28.79 -0.46 0.00	29.59 -0.60 0.00	26.62 -0.58 0.00	22.58 -0.59 0.00	22.59 -0.77 0.00	21.31 -0.70 -0.20
SHOEMAKER___GT 23640	28.90 1.43 0.00	29.57 1.28 0.00	27.54 1.16 0.00	28.87 1.18 0.00	34.05 1.42 0.00	36.27 1.57 0.00	52.02 2.42 0.00	41.85 2.03 0.00	35.80 1.80 0.00	26.09 1.44 1.40	26.90 1.28 0.00	20.76 1.14 4.37	22.04 1.04 2.21	23.66 1.04 0.85	28.83 1.30 0.00	30.04 1.38 0.00	28.82 1.42 0.00	30.14 1.64 0.00	30.93 1.67 0.00	31.76 1.57 0.00	28.61 1.41 0.00	24.37 1.20 0.00	24.46 1.09 0.00	24.12 1.06 -1.26
SHOEMAKR_138KV_BK 111 55601	28.89 1.43 0.00	29.55 1.26 0.00	27.53 1.15 0.00	28.86 1.17 0.00	34.04 1.41 0.00	36.25 1.55 0.00	52.01 2.41 0.00	41.82 2.01 0.00	35.80 1.80 1.33	26.17 1.46 0.00	26.90 1.29 0.00	20.99 1.15 4.15	22.17 1.06 2.10	23.72 1.06 0.81	28.85 1.32 0.00	30.04 1.38 0.00	28.82 1.41 0.00	30.13 1.63 0.00	30.92 1.66 0.00	31.76 1.56 0.00	28.61 1.41 0.00	24.36 1.19 0.00	24.45 1.08 0.00	24.11 1.06 -1.25
SHOREHAM_IC_1 23715	30.43 2.96 0.00	31.11 2.82 0.00	28.92 2.54 0.00	30.31 2.61 0.00	35.74 3.11 0.00	38.20 3.49 0.00	54.39 4.80 0.00	43.85 4.04 0.00	37.80 3.80 0.00	30.63 3.13 -1.46	29.39 2.80 -0.97	40.42 2.62 -13.81	27.90 2.42 -2.28	28.98 2.44 -3.07	37.28 2.93 -6.82	45.99 3.11 -14.23	30.31 2.90 0.00	32.31 3.23 -0.58	32.24 2.99 0.00	33.39 3.19 0.00	30.08 2.88 0.00	25.65 2.48 0.00	27.83 2.42 -2.05	29.23 2.30 -5.13
SHOREHAM_IC_2 23716	30.43 2.96 0.00	31.11 2.82 0.00	28.92 2.54 0.00	30.31 2.61 0.00	35.74 3.11 0.00	38.20 3.49 0.00	54.39 4.80 0.00	43.85 4.04 0.00	37.80 3.80 0.00	30.63 3.13 -1.46	29.39 2.80 -0.97	40.42 2.62 -13.81	27.90 2.42 -2.28	28.98 2.44 -3.07	37.28 2.93 -6.82	45.99 3.11 -14.23	30.31 2.90 0.00	32.31 3.23 -0.58	32.24 2.99 0.00	33.39 3.19 0.00	30.08 2.88 0.00	25.65 2.48 0.00	27.83 2.42 -2.05	29.23 2.30 -5.13
SISSONVILLE___ 23735	26.77 -0.69 0.00	27.71 -0.58 0.00	25.96 -0.42 0.00	27.33 -0.37 0.00	32.12 -0.51 0.00	33.99 -0.72 0.00	48.49 -1.11 0.00	39.03 -0.79 0.00	33.21 -0.79 0.00	25.29 -0.75 0.00	24.99 -0.63 0.00	23.44 -0.55 0.00	22.70 -0.51 0.00	23.00 -0.47 0.00	26.94 -0.58 0.00	28.15 -0.51 0.00	26.74 -0.66 0.00	27.63 -0.88 0.00	28.41 -0.85 0.00	29.50 -0.69 0.00	26.50 -0.70 0.00	22.59 -0.59 0.00	23.00 -0.36 0.00	21.44 -0.39 -0.02
SITHE_IND_GS1 24169	26.30 -1.17 0.00	27.14 -1.14 0.00	25.27 -1.11 0.00	26.57 -1.13 0.00	31.32 -1.31 0.00	33.33 -1.38 0.00	47.64 -1.95 0.00	38.22 -1.59 0.00	32.59 -1.41 0.00	24.94 -1.10 0.00	24.52 -1.10 0.00	22.99 -0.99 0.00	22.24 -0.97 0.00	22.46 -1.01 0.00	26.36 -1.17 0.00	27.46 -1.20 0.00	26.23 -1.17 0.00	27.34 -1.16 0.00	28.06 -1.20 0.00	28.90 -1.30 0.00	26.02 -1.18 0.00	22.13 -1.05 0.00	22.22 -1.15 0.00	20.89 -1.03 -0.11
SITHE_IND_GS2 24170	26.30 -1.17 0.00	27.14 -1.14 0.00	25.27 -1.11 0.00	26.57 -1.13 0.00	31.32 -1.31 0.00	33.33 -1.38 0.00	47.64 -1.95 0.00	38.22 -1.59 0.00	32.59 -1.41 0.00	24.94 -1.10 0.00	24.52 -1.10 0.00	22.99 -0.99 0.00	22.24 -0.97 0.00	22.46 -1.01 0.00	26.36 -1.17 0.00	27.46 -1.20 0.00	26.23 -1.17 0.00	27.34 -1.16 0.00	28.06 -1.20 0.00	28.90 -1.30 0.00	26.02 -1.18 0.00	22.13 -1.05 0.00	22.22 -1.15 0.00	20.89 -1.03 -0.11
SITHE_IND_GS3 24171	26.30 -1.17 0.00	27.14 -1.14 0.00	25.27 -1.11 0.00	26.57 -1.13 0.00	31.32 -1.31 0.00	33.33 -1.38 0.00	47.64 -1.95 0.00	38.22 -1.59 0.00	32.59 -1.41 0.00	24.94 -1.10 0.00	24.52 -1.10 0.00	22.99 -0.99 0.00	22.24 -0.97 0.00	22.46 -1.01 0.00	26.36 -1.17 0.00	27.46 -1.20 0.00	26.23 -1.17 0.00	27.34 -1.16 0.00	28.06 -1.20 0.00	28.90 -1.30 0.00	26.02 -1.18 0.00	22.13 -1.05 0.00	22.22 -1.15 0.00	20.89 -1.03 -0.11
SITHE_IND_GS4 24172	26.30 -1.17 0.00	27.14 -1.14 0.00	25.27 -1.11 0.00	26.57 -1.13 0.00	31.32 -1.31 0.00	33.33 -1.38 0.00	47.64 -1.95 0.00	38.22 -1.59 0.00	32.59 -1.41 0.00	24.94 -1.10 0.00	24.52 -1.10 0.00	22.99 -0.99 0.00	22.24 -0.97 0.00	22.46 -1.01 0.00	26.36 -1.17 0.00	27.46 -1.20 0.00	26.23 -1.17 0.00	27.34 -1.16 0.00	28.06 -1.20 0.00	28.90 -1.30 0.00	26.02 -1.18 0.00	22.13 -1.05 0.00	22.22 -1.15 0.00	20.89 -1.03 -0.11
SITHE___BATAVIA 24024	26.59 -0.88 0.00	27.86 -0.42 0.00	25.71 -0.67 0.00	27.23 -0.46 0.00	32.17 -0.46 0.00	34.07 -0.64 0.00	48.33 -1.26 0.00	38.48 -1.33 0.00	32.69 -1.32 0.00	25.06 -0.98 0.00	24.75 -0.86 0.00	23.25 -0.73 0.00	22.33 -0.87 0.00	22.65 -0.82 0.00	26.68 -0.85 0.00	27.82 -0.84 0.00	26.31 -1.09 0.00	27.37 -1.13 0.00	28.13 -1.13 0.00	28.68 -1.51 0.00	25.63 -1.57 0.00	21.66 -1.52 0.00	21.47 -1.90 0.00	20.31 -1.70 -0.21
SITHE___INDEPEND 23800	26.29 -1.17 0.00	27.15 -1.14 0.00	25.27 -1.11 0.00	26.57 -1.13 0.00	31.32 -1.31 0.00	33.33 -1.38 0.00	47.64 -1.95 0.00	38.23 -1.58 0.00	32.59 -1.41 0.00	24.94 -1.11 0.00	24.52 -1.10 0.00	22.99 -0.99 0.00	22.24 -0.97 0.00	22.46 -1.01 0.00	26.36 -1.17 0.00	27.46 -1.20 0.00	26.23 -1.17 0.00	27.33 -1.17 0.00	28.06 -1.19 0.00	28.90 -1.30 0.00	26.02 -1.18 0.00	22.13 -1.05 0.00	22.22 -1.15 0.00	20.89 -1.03 -0.11
SITHE___MASSENA 23902	27.13 -0.33 0.00	28.06 -0.23 0.00	26.26 -0.12 0.00	27.61 -0.09 0.00	32.49 -0.14 0.00	34.49 -0.22 0.00	49.08 -0.52 0.00	39.45 -0.36 0.00	33.66 -0.34 0.00	25.73 -0.32 0.00	25.45 -0.16 0.00	23.85 -0.13 0.00	23.10 -0.11 0.00	23.39 -0.07 0.00	27.43 -0.10 0.00	28.64 -0.02 0.00	27.26 -0.15 0.00	28.15 -0.36 0.00	28.91 -0.34 0.00	30.03 -0.17 0.00	27.01 -0.19 0.00	23.05 -0.13 0.00	23.38 0.01 0.00	21.72 -0.08 0.00

SITHE___OGDNSBRG 24021	27.41 -0.05 0.00	28.37 0.08 0.00	26.55 0.17 0.00	27.94 0.24 0.00	32.89 0.26 0.00	34.90 0.20 0.00	49.78 0.19 0.00	40.13 0.32 0.00	34.00 0.00 0.00	25.84 -0.21 0.00	25.50 -0.11 0.00	23.99 0.00 0.00	23.24 0.04 0.00	23.57 0.10 0.00	27.63 0.10 0.00	28.93 0.28 0.00	27.56 0.15 0.00	28.48 -0.02 0.00	29.29 0.03 0.00	30.42 0.22 0.00	27.33 0.13 0.00	23.30 0.13 0.00	23.65 0.28 0.00	21.94 0.14 0.00
SITHE___STERLING 23777	28.19 0.73 0.00	29.12 0.83 0.00	27.14 0.76 0.00	28.57 0.87 0.00	33.71 1.08 0.00	35.97 1.26 0.00	51.67 2.07 0.00	41.48 1.67 0.00	35.20 1.20 0.00	26.78 0.73 0.00	26.34 0.72 0.00	24.64 0.65 0.00	23.93 0.72 0.00	24.18 0.71 0.00	28.31 0.78 0.00	29.50 0.85 0.00	28.20 0.80 0.00	29.46 0.95 0.00	30.20 0.95 0.00	31.08 0.88 0.00	27.95 0.74 0.00	23.72 0.54 0.00	23.80 0.43 0.00	22.30 0.41 -0.09
SLEIGHT__34_KV_TB1 80719	26.61 -0.85 0.00	27.63 -0.66 0.00	25.61 -0.77 0.00	27.00 -0.70 0.00	31.88 -0.75 0.00	33.91 -0.79 0.00	48.44 -1.16 0.00	38.79 -1.03 0.00	32.97 -1.03 0.00	25.21 -0.83 0.00	24.86 -0.76 0.00	23.38 -0.60 0.00	22.53 -0.68 0.00	22.77 -0.70 0.00	26.79 -0.74 0.00	27.93 -0.73 0.00	26.58 -0.83 0.00	27.67 -0.83 0.00	28.44 -0.82 0.00	29.16 -1.04 0.00	26.19 -1.02 0.00	22.19 -0.99 0.00	22.15 -1.22 0.00	20.89 -1.10 -0.19
SOUTH CAIRO___GT 23612	30.07 2.60 0.00	30.86 2.57 0.00	28.77 2.39 0.00	30.19 2.49 0.00	35.61 2.99 0.00	37.96 3.26 0.00	54.31 4.72 0.00	43.31 3.50 0.00	36.64 2.64 0.00	27.62 1.58 0.00	26.77 1.15 0.00	25.05 1.06 0.00	24.31 1.10 0.00	24.62 1.15 0.00	28.95 1.43 0.00	30.25 1.59 0.00	29.37 1.96 0.00	30.97 2.47 0.00	31.80 2.55 0.00	32.79 2.59 0.00	29.47 2.27 0.00	25.08 1.91 0.00	25.17 1.81 0.00	25.42 2.01 -1.61
SOUTH HAMPTN___IC 23720	30.74 3.27 0.00	31.44 3.15 0.00	29.23 2.85 0.00	30.64 2.94 0.00	36.13 3.50 0.00	38.63 3.92 0.00	55.04 5.44 0.00	44.39 4.58 0.00	38.23 4.22 0.00	30.95 3.45 -1.46	29.69 3.09 -0.97	40.69 2.89 -13.81	28.15 2.67 -2.28	29.23 2.69 -3.07	37.58 3.23 -6.82	46.31 3.42 -14.23	30.65 3.24 0.00	32.70 3.61 -0.58	32.68 3.43 0.00	33.81 3.61 0.00	30.42 3.22 0.00	25.91 2.73 0.00	28.07 2.66 -2.05	29.44 2.51 -5.13
SOUTHDOW__115KV_TB1 355954	27.56 0.09 0.00	28.90 0.61 0.00	26.72 0.33 0.00	28.34 0.64 0.00	33.34 0.71 0.00	35.33 0.62 0.00	50.38 0.78 0.00	40.29 0.48 0.00	34.03 0.03 0.00	26.01 -0.04 0.00	25.55 -0.07 0.00	23.86 -0.13 0.00	22.75 -0.63 0.00	22.83 -0.60 0.00	26.92 -0.54 0.00	28.11 -0.54 0.00	26.25 -1.16 0.00	27.29 -1.21 0.00	28.05 -1.21 0.00	28.73 -1.47 0.00	25.98 -1.22 0.00	22.05 -1.13 0.00	22.02 -1.34 0.00	20.92 -1.13 -0.25
SOUTHOLD_69_KV_BK 2 55809	31.23 3.77 0.00	31.95 3.66 0.00	29.70 3.32 0.00	31.14 3.44 0.00	36.74 4.11 0.00	39.29 4.58 0.00	56.02 6.42 0.00	45.21 5.39 0.00	38.89 4.88 0.00	31.44 3.94 -1.46	30.13 3.54 -0.97	41.08 3.28 -13.81	28.52 3.04 -2.28	29.59 3.06 -3.07	38.02 3.67 -6.82	46.79 3.90 -14.23	31.15 3.74 0.00	33.27 4.19 -0.58	33.29 4.03 0.00	34.40 4.20 0.00	30.93 3.73 0.00	26.32 3.14 0.00	28.46 3.05 -2.05	29.78 2.85 -5.13
SOUTHOLD___IC 23719	31.23 3.77 0.00	31.95 3.66 0.00	29.70 3.32 0.00	31.14 3.44 0.00	36.74 4.11 0.00	39.29 4.58 0.00	56.02 6.42 0.00	45.21 5.40 0.00	38.89 4.89 0.00	31.44 3.94 -1.46	30.13 3.54 -0.97	41.08 3.28 -13.81	28.52 3.03 -2.28	29.59 3.06 -3.07	38.02 3.67 -6.82	46.78 3.89 -14.23	31.15 3.74 0.00	33.26 4.18 -0.58	33.29 4.03 0.00	34.40 4.20 0.00	30.93 3.73 0.00	26.32 3.14 0.00	28.46 3.05 -2.05	29.78 2.85 -5.13
SOUTH_FORK_WT_PWR 323839	31.29 3.82 0.00	32.00 3.71 0.00	29.75 3.37 0.00	31.20 3.50 0.00	36.80 4.17 0.00	39.36 4.65 0.00	56.13 6.53 0.00	45.28 5.47 0.00	38.94 4.94 0.00	31.48 3.99 -1.46	30.18 3.59 -0.97	41.12 3.33 -13.81	28.56 3.08 -2.28	29.63 3.09 -3.07	38.07 3.71 -6.82	46.83 3.94 -14.23	31.19 3.78 0.00	33.32 4.23 -0.58	33.33 4.07 0.00	34.45 4.25 0.00	30.97 3.77 0.00	26.35 3.18 0.00	28.49 3.08 -2.05	29.82 2.89 -5.13
SPIERFLS_115KV_TB 1 80737	28.39 0.92 0.00	29.07 0.78 0.00	27.11 0.73 0.00	28.44 0.74 0.00	33.56 0.94 0.00	35.87 1.16 0.00	51.63 2.04 0.00	41.42 1.61 0.00	35.14 1.14 0.00	26.76 0.72 0.00	26.15 0.53 0.00	24.43 0.45 0.00	23.73 0.52 0.00	24.08 0.62 0.00	28.48 0.95 0.00	29.54 0.88 0.00	28.58 1.17 0.00	29.83 1.33 0.00	30.54 1.28 0.00	31.34 1.14 0.00	28.23 1.02 0.00	24.10 0.92 0.00	24.21 0.85 0.00	24.37 0.81 -1.75
ST LAWRENCE____ 23600	26.87 -0.59 0.00	27.79 -0.50 0.00	25.99 -0.39 0.00	27.32 -0.38 0.00	32.16 -0.47 0.00	34.15 -0.56 0.00	48.58 -1.02 0.00	39.05 -0.77 0.00	33.37 -0.64 0.00	25.52 -0.52 0.00	25.25 -0.37 0.00	23.65 -0.33 0.00	22.91 -0.30 0.00	23.20 -0.27 0.00	27.20 -0.32 0.00	28.38 -0.27 0.00	27.02 -0.39 0.00	27.90 -0.60 0.00	28.65 -0.61 0.00	29.76 -0.44 0.00	26.79 -0.42 0.00	22.86 -0.31 0.00	23.18 -0.19 0.00	21.52 -0.28 0.00
STATE_CA_115KV_115_LB 55624	28.92 1.45 0.00	29.61 1.32 0.00	27.62 1.24 0.00	28.94 1.24 0.00	34.11 1.48 0.00	36.28 1.57 0.00	51.74 2.14 0.00	41.28 1.47 0.00	35.29 1.30 0.00	27.00 0.96 0.00	26.29 0.68 0.00	24.65 0.67 0.00	23.89 0.68 0.00	24.19 0.72 0.00	28.24 0.72 0.00	29.36 0.71 0.00	28.29 0.88 0.00	29.56 1.06 0.00	30.30 1.04 0.00	31.25 1.06 0.00	28.19 0.98 0.00	24.04 0.86 0.00	24.21 0.84 0.00	24.63 1.12 -1.72
STATE_ST_34_KV_LOAD 55959	27.34 -0.12 0.00	28.29 0.00 0.00	26.28 -0.10 0.00	27.59 -0.11 0.00	32.65 0.03 0.00	34.82 0.12 0.00	49.66 0.07 0.00	39.82 0.01 0.00	33.83 -0.17 0.00	25.82 -0.22 0.00	25.41 -0.21 0.00	23.85 -0.13 0.00	23.03 -0.18 0.00	23.21 -0.26 0.00	27.30 -0.23 0.00	28.49 -0.17 0.00	27.19 -0.22 0.00	28.35 -0.15 0.00	29.14 -0.11 0.00	29.98 -0.21 0.00	27.06 -0.14 0.00	22.96 -0.21 0.00	23.01 -0.36 0.00	21.70 -0.31 -0.20
STATION 5_MISC_HYD 23604	26.44 -1.02 0.00	27.54 -0.74 0.00	25.49 -0.89 0.00	26.94 -0.76 0.00	31.78 -0.85 0.00	33.70 -1.01 0.00	48.00 -1.60 0.00	38.36 -1.46 0.00	32.64 -1.36 0.00	25.01 -1.03 0.00	24.68 -0.94 0.00	23.22 -0.76 0.00	22.35 -0.86 0.00	22.62 -0.85 0.00	26.61 -0.92 0.00	27.73 -0.92 0.00	26.33 -1.08 0.00	27.39 -1.11 0.00	28.15 -1.11 0.00	28.79 -1.40 0.00	25.80 -1.40 0.00	21.85 -1.32 0.00	21.77 -1.59 0.00	20.56 -1.43 -0.19
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.97 -0.49 0.00	28.03 -0.25 0.00	26.00 -0.38 0.00	27.44 -0.26 0.00	32.36 -0.27 0.00	34.46 -0.25 0.00	49.23 -0.36 0.00	39.39 -0.42 0.00	33.45 -0.55 0.00	25.59 -0.45 0.00	25.23 -0.39 0.00	23.72 -0.27 0.00	22.82 -0.39 0.00	23.07 -0.40 0.00	27.11 -0.41 0.00	28.27 -0.38 0.00	26.90 -0.50 0.00	28.02 -0.48 0.00	28.80 -0.46 0.00	29.52 -0.67 0.00	26.50 -0.71 0.00	22.43 -0.75 0.00	22.38 -0.98 0.00	21.12 -0.88 -0.19

STA_56___34_KV_BUS2_REV_LBMP_B 345033	26.34 -1.13 0.00	27.41 -0.87 0.00	25.39 -0.99 0.00	26.81 -0.89 0.00	31.64 -0.99 0.00	33.57 -1.13 0.00	47.84 -1.76 0.00	38.26 -1.55 0.00	32.56 -1.44 0.00	24.95 -1.09 0.00	24.61 -1.01 0.00	23.15 -0.83 0.00	22.29 -0.92 0.00	22.55 -0.92 0.00	26.53 -0.99 0.00	27.66 -1.00 0.00	26.27 -1.13 0.00	27.32 -1.18 0.00	28.08 -1.18 0.00	28.74 -1.45 0.00	25.76 -1.44 0.00	21.82 -1.36 0.00	21.75 -1.62 0.00	20.53 -1.46 -0.19
STA_56___34_KV_BUS2 355983	26.34 -1.13 0.00	27.41 -0.87 0.00	25.39 -0.99 0.00	26.81 -0.89 0.00	31.64 -0.99 0.00	33.57 -1.13 0.00	47.84 -1.76 0.00	38.26 -1.55 0.00	32.56 -1.44 0.00	24.95 -1.09 0.00	24.61 -1.01 0.00	23.15 -0.83 0.00	22.29 -0.92 0.00	22.55 -0.92 0.00	26.53 -0.99 0.00	27.66 -1.00 0.00	26.27 -1.13 0.00	27.32 -1.18 0.00	28.08 -1.18 0.00	28.74 -1.45 0.00	25.76 -1.44 0.00	21.82 -1.36 0.00	21.75 -1.62 0.00	20.53 -1.46 -0.19
STA_67___115KV_BK2 355882	26.38 -1.08 0.00	27.48 -0.81 0.00	25.44 -0.95 0.00	26.88 -0.82 0.00	31.71 -0.92 0.00	33.63 -1.08 0.00	47.87 -1.73 0.00	38.26 -1.55 0.00	32.56 -1.44 0.00	24.95 -1.09 0.00	24.61 -1.01 0.00	23.15 -0.83 0.00	22.29 -0.92 0.00	22.55 -0.92 0.00	26.53 -0.99 0.00	27.66 -1.00 0.00	26.25 -1.15 0.00	27.30 -1.20 0.00	28.06 -1.20 0.00	28.71 -1.48 0.00	25.74 -1.47 0.00	21.80 -1.38 0.00	21.72 -1.64 0.00	20.52 -1.47 -0.19
STA_7___115KV_9TRANS 80674	26.56 -0.90 0.00	27.66 -0.62 0.00	25.61 -0.77 0.00	27.05 -0.65 0.00	31.92 -0.71 0.00	33.86 -0.85 0.00	48.24 -1.35 0.00	38.58 -1.23 0.00	32.81 -1.18 0.00	25.15 -0.89 0.00	24.81 -0.80 0.00	23.35 -0.63 0.00	22.47 -0.74 0.00	22.74 -0.73 0.00	26.76 -0.77 0.00	27.90 -0.76 0.00	26.48 -0.93 0.00	27.55 -0.95 0.00	28.32 -0.93 0.00	28.97 -1.23 0.00	25.96 -1.24 0.00	21.98 -1.19 0.00	21.89 -1.47 0.00	20.67 -1.32 -0.19
STA_82___115KV_TB1 80780	26.40 -1.06 0.00	27.50 -0.79 0.00	25.46 -0.93 0.00	26.89 -0.81 0.00	31.73 -0.89 0.00	33.65 -1.05 0.00	47.91 -1.69 0.00	38.30 -1.52 0.00	32.58 -1.42 0.00	24.96 -1.08 0.00	24.63 -0.99 0.00	23.17 -0.81 0.00	22.30 -0.91 0.00	22.57 -0.89 0.00	26.55 -0.97 0.00	27.67 -0.98 0.00	26.27 -1.13 0.00	27.32 -1.18 0.00	28.09 -1.17 0.00	28.73 -1.46 0.00	25.75 -1.46 0.00	21.81 -1.37 0.00	21.73 -1.63 0.00	20.53 -1.47 -0.19
STEEL___WIND 323596	26.21 -1.25 0.00	27.52 -0.77 0.00	25.39 -0.99 0.00	26.92 -0.78 0.00	31.74 -0.89 0.00	33.50 -1.21 0.00	47.42 -2.18 0.00	37.72 -2.09 0.00	32.11 -1.89 0.00	24.58 -1.46 0.00	24.23 -1.39 0.00	22.83 -1.16 0.00	21.89 -1.32 0.00	22.09 -1.38 0.00	26.04 -1.49 0.00	27.12 -1.54 0.00	25.54 -1.86 0.00	26.52 -1.98 0.00	27.24 -2.01 0.00	27.80 -2.39 0.00	24.84 -2.37 0.00	21.03 -2.15 0.00	20.88 -2.49 0.00	19.81 -2.23 -0.23
STEPHTWN_115KV_BK_2 55603	29.18 1.72 0.00	29.84 1.55 0.00	27.82 1.43 0.00	29.17 1.47 0.00	34.39 1.76 0.00	36.60 1.89 0.00	52.50 2.91 0.00	41.76 1.94 0.00	35.59 1.59 0.00	27.27 1.23 0.00	26.51 0.89 0.00	24.83 0.84 0.00	24.05 0.84 0.00	24.37 0.90 0.00	28.47 0.95 0.00	29.61 0.95 0.00	28.55 1.15 0.00	29.88 1.38 0.00	30.62 1.37 0.00	31.58 1.39 0.00	28.47 1.27 0.00	24.26 1.09 0.00	24.43 1.07 0.00	24.82 1.32 -1.70
STEUBEN_REC_LFGE 323667	27.54 0.07 0.00	29.02 0.73 0.00	27.01 0.63 0.00	28.64 0.94 0.00	33.67 1.04 0.00	36.00 1.30 0.00	51.77 2.18 0.00	41.63 1.82 0.00	35.14 1.14 0.00	26.62 0.58 0.00	26.18 0.57 0.00	24.44 0.45 0.00	22.86 -0.35 0.00	22.77 -0.70 0.00	26.41 -1.11 0.00	27.55 -1.11 0.00	26.17 -1.23 0.00	27.28 -1.22 0.00	28.13 -1.13 0.00	28.88 -1.31 0.00	26.11 -1.10 0.00	22.07 -1.11 0.00	22.26 -1.11 0.00	21.32 -0.82 -0.34
STILLWATER___SOLAR 323814	28.92 1.45 0.00	29.65 1.36 0.00	27.64 1.26 0.00	29.00 1.30 0.00	34.20 1.57 0.00	36.43 1.73 0.00	52.28 2.68 0.00	41.91 2.09 0.00	35.63 1.63 0.00	27.19 1.15 0.00	26.58 0.96 0.00	24.84 0.85 0.00	24.09 0.88 0.00	24.47 1.00 0.00	28.79 1.26 0.00	29.91 1.25 0.00	28.84 1.44 0.00	30.13 1.63 0.00	30.88 1.62 0.00	31.72 1.53 0.00	28.60 1.40 0.00	24.40 1.23 0.00	24.52 1.16 0.00	24.69 1.14 -1.75
STONY___BROOK 24151	30.19 2.73 0.00	30.86 2.57 0.00	28.69 2.31 0.00	30.05 2.36 0.00	35.44 2.81 0.00	37.87 3.16 0.00	53.97 4.37 0.00	43.57 3.75 0.00	37.48 3.48 0.00	30.40 2.90 -1.46	29.24 2.65 -0.97	40.30 2.51 -13.81	27.76 2.28 -2.28	28.83 2.29 -3.07	37.15 2.79 -6.82	45.84 2.95 -14.23	30.18 2.78 0.00	32.17 3.08 -0.58	32.29 3.03 0.00	33.35 3.16 0.00	29.91 2.71 0.00	25.42 2.24 0.00	27.59 2.18 -2.05	29.04 2.11 -5.13
STURGEON_POOL_HYD 23609	29.29 1.82 0.00	29.92 1.63 0.00	27.86 1.48 0.00	29.16 1.46 0.00	34.42 1.79 0.00	36.67 1.97 0.00	52.68 3.08 0.00	42.51 2.70 0.00	36.48 2.48 0.00	28.10 2.06 0.00	27.49 1.88 0.00	25.65 1.67 0.00	24.74 1.53 0.00	24.97 1.51 0.00	29.38 1.86 0.00	30.57 1.92 0.00	29.35 1.94 0.00	30.64 2.14 0.00	31.43 2.17 0.00	32.25 2.05 0.00	29.04 1.84 0.00	24.72 1.54 0.00	24.76 1.39 0.00	24.48 1.26 -1.42
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.04 1.58 0.00	29.67 1.38 0.00	27.64 1.26 0.00	28.96 1.26 0.00	34.18 1.54 0.00	36.41 1.71 0.00	52.25 2.65 0.00	42.02 2.21 0.00	36.00 2.00 0.00	26.06 1.65 1.63	27.07 1.46 0.00	20.20 1.31 5.09	21.84 1.21 2.58	23.69 1.21 0.99	29.03 1.51 0.00	30.21 1.55 0.00	28.98 1.58 0.00	30.31 1.81 0.00	31.10 1.84 0.00	31.93 1.73 0.00	28.76 1.56 0.00	24.50 1.32 0.00	24.57 1.21 0.00	24.26 1.18 -1.29
SWANROAD_115KV_TB1 355699	25.33 -2.13 0.00	26.64 -1.65 0.00	24.56 -1.82 0.00	26.03 -1.67 0.00	30.72 -1.91 0.00	32.41 -2.29 0.00	45.60 -4.00 0.00	36.08 -3.74 0.00	30.76 -3.25 0.00	23.55 -2.50 0.00	23.20 -2.41 0.00	21.89 -2.10 0.00	21.04 -2.16 0.00	21.27 -2.20 0.00	25.04 -2.48 0.00	26.11 -2.54 0.00	24.68 -2.73 0.00	25.59 -2.91 0.00	26.31 -2.94 0.00	26.81 -3.39 0.00	23.96 -3.24 0.00	20.28 -2.90 0.00	20.11 -3.26 0.00	19.11 -2.90 -0.22
SYNERGY___BIOGAS 323694	26.59 -0.88 0.00	27.86 -0.42 0.00	25.71 -0.67 0.00	27.23 -0.46 0.00	32.17 -0.46 0.00	34.07 -0.64 0.00	48.33 -1.26 0.00	38.48 -1.33 0.00	32.69 -1.32 0.00	25.06 -0.98 0.00	24.75 -0.86 0.00	23.25 -0.73 0.00	22.33 -0.87 0.00	22.65 -0.82 0.00	26.68 -0.85 0.00	27.82 -0.84 0.00	26.31 -1.09 0.00	27.37 -1.13 0.00	28.13 -1.13 0.00	28.68 -1.51 0.00	25.63 -1.57 0.00	21.66 -1.52 0.00	21.47 -1.90 0.00	20.31 -1.70 -0.21
SYRACUSE___ENERGY_ST1 323597	27.05 -0.41 0.00	27.93 -0.36 0.00	25.97 -0.41 0.00	27.31 -0.39 0.00	32.24 -0.39 0.00	34.33 -0.37 0.00	49.10 -0.50 0.00	39.40 -0.42 0.00	33.52 -0.48 0.00	25.61 -0.43 0.00	25.19 -0.42 0.00	23.63 -0.36 0.00	22.84 -0.36 0.00	23.05 -0.42 0.00	27.07 -0.46 0.00	28.23 -0.42 0.00	26.97 -0.44 0.00	28.13 -0.37 0.00	28.89 -0.37 0.00	29.75 -0.45 0.00	26.79 -0.42 0.00	22.74 -0.43 0.00	22.81 -0.56 0.00	21.48 -0.49 -0.17

SYRACUSE___ENERGY_ST2 323598	27.05 -0.41 0.00	27.93 -0.36 0.00	25.97 -0.41 0.00	27.31 -0.39 0.00	32.24 -0.39 0.00	34.33 -0.37 0.00	49.10 -0.50 0.00	39.40 -0.42 0.00	33.52 -0.48 0.00	25.61 -0.43 0.00	25.19 -0.42 0.00	23.63 -0.36 0.00	22.84 -0.36 0.00	23.05 -0.42 0.00	27.07 -0.46 0.00	28.23 -0.42 0.00	26.97 -0.44 0.00	28.13 -0.37 0.00	28.89 -0.37 0.00	29.75 -0.45 0.00	26.79 -0.42 0.00	22.74 -0.43 0.00	22.81 -0.56 0.00	21.48 -0.49 -0.17
SYRACUSE___POWER 24017	27.01 -0.46 0.00	27.89 -0.40 0.00	25.94 -0.44 0.00	27.30 -0.40 0.00	32.19 -0.44 0.00	34.28 -0.42 0.00	49.08 -0.52 0.00	39.39 -0.42 0.00	33.53 -0.47 0.00	25.61 -0.43 0.00	25.19 -0.42 0.00	23.62 -0.36 0.00	22.85 -0.36 0.00	23.05 -0.42 0.00	27.08 -0.45 0.00	28.24 -0.42 0.00	26.97 -0.44 0.00	28.13 -0.37 0.00	28.89 -0.37 0.00	29.77 -0.42 0.00	26.81 -0.40 0.00	22.76 -0.41 0.00	22.81 -0.55 0.00	21.50 -0.48 -0.17
TALLMAN__138KV_BK151 55660	29.22 1.76 0.00	29.83 1.54 0.00	27.77 1.38 0.00	29.09 1.39 0.00	34.34 1.71 0.00	36.59 1.88 0.00	52.50 2.90 0.00	42.25 2.44 0.00	36.24 2.24 0.00	25.35 1.87 2.56	27.29 1.68 0.00	17.52 1.51 7.97	20.58 1.41 4.04	23.33 1.41 1.55	29.26 1.73 0.00	30.43 1.77 0.00	29.19 1.78 0.00	30.52 2.02 0.00	31.31 2.06 0.00	32.13 1.93 0.00	28.95 1.74 0.00	24.66 1.49 0.00	24.72 1.36 0.00	24.45 1.32 -1.33
TEALLAVE_115KV_TB7 355573	26.78 -0.68 0.00	27.67 -0.62 0.00	25.73 -0.65 0.00	27.07 -0.62 0.00	31.93 -0.70 0.00	33.98 -0.73 0.00	48.65 -0.95 0.00	39.04 -0.78 0.00	33.24 -0.76 0.00	25.42 -0.63 0.00	25.01 -0.61 0.00	23.46 -0.53 0.00	22.67 -0.54 0.00	22.89 -0.58 0.00	26.87 -0.66 0.00	28.01 -0.65 0.00	26.75 -0.66 0.00	27.89 -0.61 0.00	28.63 -0.63 0.00	29.52 -0.68 0.00	26.59 -0.62 0.00	22.58 -0.60 0.00	22.63 -0.73 0.00	21.31 -0.64 -0.15
TELGRAPH_34_KV_EAST 80808	26.07 -1.39 0.00	27.37 -0.91 0.00	25.25 -1.13 0.00	26.76 -0.94 0.00	31.60 -1.03 0.00	33.39 -1.31 0.00	47.21 -2.39 0.00	37.52 -2.30 0.00	31.92 -2.08 0.00	24.46 -1.58 0.00	24.14 -1.48 0.00	22.72 -1.27 0.00	21.81 -1.40 0.00	22.09 -1.38 0.00	26.01 -1.51 0.00	27.13 -1.53 0.00	25.65 -1.76 0.00	26.63 -1.88 0.00	27.37 -1.89 0.00	27.89 -2.30 0.00	24.93 -2.28 0.00	21.08 -2.10 0.00	20.91 -2.46 0.00	19.81 -2.20 -0.21
TEMPLE___115KV_TB 2 55572	26.80 -0.66 0.00	27.68 -0.61 0.00	25.75 -0.63 0.00	27.10 -0.60 0.00	31.94 -0.69 0.00	34.01 -0.69 0.00	48.68 -0.92 0.00	39.06 -0.75 0.00	33.26 -0.74 0.00	25.44 -0.60 0.00	25.02 -0.59 0.00	23.47 -0.51 0.00	22.69 -0.52 0.00	22.90 -0.57 0.00	26.89 -0.63 0.00	28.04 -0.62 0.00	26.77 -0.64 0.00	27.92 -0.59 0.00	28.66 -0.60 0.00	29.53 -0.66 0.00	26.60 -0.60 0.00	22.59 -0.58 0.00	22.64 -0.72 0.00	21.32 -0.63 -0.15
TIANA____69_KV_BK 1 55817	30.64 3.17 0.00	31.32 3.03 0.00	29.13 2.74 0.00	30.52 2.83 0.00	36.00 3.37 0.00	38.49 3.78 0.00	54.82 5.23 0.00	44.23 4.42 0.00	38.09 4.09 0.00	30.85 3.35 -1.46	29.60 3.00 -0.97	40.60 2.81 -13.81	28.07 2.59 -2.28	29.14 2.61 -3.07	37.48 3.13 -6.82	46.21 3.32 -14.23	30.55 3.15 0.00	32.60 3.51 -0.58	32.58 3.32 0.00	33.69 3.50 0.00	30.32 3.12 0.00	25.83 2.65 0.00	28.00 2.58 -2.05	29.37 2.44 -5.13
TILDEN___115KV_TB1 80814	27.01 -0.46 0.00	27.89 -0.40 0.00	25.94 -0.44 0.00	27.30 -0.40 0.00	32.19 -0.44 0.00	34.28 -0.42 0.00	49.08 -0.52 0.00	39.39 -0.42 0.00	33.53 -0.47 0.00	25.61 -0.43 0.00	25.19 -0.42 0.00	23.62 -0.36 0.00	22.85 -0.36 0.00	23.05 -0.42 0.00	27.08 -0.45 0.00	28.24 -0.42 0.00	26.97 -0.44 0.00	28.13 -0.37 0.00	28.89 -0.37 0.00	29.77 -0.42 0.00	26.81 -0.40 0.00	22.76 -0.41 0.00	22.81 -0.55 0.00	21.50 -0.48 -0.17
TRIGEN___CC 323695	29.82 2.36 0.00	30.48 2.19 0.00	28.35 1.96 0.00	29.68 1.98 0.00	35.01 2.38 0.00	37.32 2.61 0.00	53.27 3.67 0.00	43.04 3.23 0.00	37.00 3.01 0.00	30.00 2.50 -1.46	28.93 2.33 -0.97	39.96 2.17 -13.81	27.52 2.04 -2.28	28.59 2.05 -3.07	36.80 2.45 -6.82	45.39 2.50 -14.23	29.86 2.45 0.00	31.83 2.74 -0.58	31.95 2.69 0.00	32.87 2.67 0.00	29.56 2.36 0.00	25.15 1.97 0.00	27.26 1.85 -2.05	28.73 1.80 -5.13
TRINITY__115KV__ 4 BK 55933	28.83 1.37 0.00	29.53 1.24 0.00	27.55 1.16 0.00	28.86 1.16 0.00	34.01 1.38 0.00	36.17 1.46 0.00	51.56 1.96 0.00	41.12 1.31 0.00	35.16 1.16 0.00	26.90 0.86 0.00	26.20 0.58 0.00	24.56 0.57 0.00	23.80 0.59 0.00	24.10 0.63 0.00	28.12 0.60 0.00	29.22 0.57 0.00	28.16 0.76 0.00	29.43 0.93 0.00	30.16 0.91 0.00	31.12 0.93 0.00	28.08 0.87 0.00	23.96 0.78 0.00	24.13 0.76 0.00	24.56 1.06 -1.70
UNION___PROCESSING_DRP 323587	26.40 -1.06 0.00	27.51 -0.78 0.00	25.46 -0.92 0.00	26.91 -0.79 0.00	31.75 -0.88 0.00	33.66 -1.04 0.00	47.94 -1.66 0.00	38.32 -1.50 0.00	32.60 -1.40 0.00	24.98 -1.07 0.00	24.64 -0.98 0.00	23.18 -0.80 0.00	22.31 -0.90 0.00	22.58 -0.89 0.00	26.56 -0.96 0.00	27.70 -0.96 0.00	26.29 -1.12 0.00	27.34 -1.16 0.00	28.10 -1.16 0.00	28.75 -1.45 0.00	25.77 -1.44 0.00	21.82 -1.36 0.00	21.74 -1.62 0.00	20.54 -1.46 -0.19
UPPER HUDSON___HYD 24058	28.38 0.92 0.00	29.07 0.78 0.00	27.11 0.73 0.00	28.45 0.75 0.00	33.57 0.94 0.00	35.87 1.16 0.00	51.63 2.04 0.00	41.42 1.61 0.00	35.14 1.14 0.00	26.76 0.72 0.00	26.15 0.53 0.00	24.43 0.45 0.00	23.72 0.52 0.00	24.08 0.62 0.00	28.48 0.95 0.00	29.54 0.88 0.00	28.58 1.17 0.00	29.83 1.33 0.00	30.54 1.28 0.00	31.34 1.14 0.00	28.23 1.02 0.00	24.10 0.92 0.00	24.21 0.85 0.00	24.37 0.81 -1.75
UPPER RAQUET___HYD 24056	26.77 -0.69 0.00	27.71 -0.58 0.00	25.96 -0.42 0.00	27.33 -0.37 0.00	32.12 -0.51 0.00	33.99 -0.72 0.00	48.49 -1.11 0.00	39.03 -0.79 0.00	33.21 -0.79 0.00	25.29 -0.75 0.00	24.99 -0.63 0.00	23.44 -0.55 0.00	22.70 -0.51 0.00	23.00 -0.47 0.00	26.94 -0.58 0.00	28.15 -0.51 0.00	26.74 -0.66 0.00	27.63 -0.88 0.00	28.41 -0.85 0.00	29.50 -0.69 0.00	26.50 -0.70 0.00	22.59 -0.59 0.00	23.00 -0.36 0.00	21.44 -0.38 -0.02
VALLEY44_115KV_TB2 355964	27.12 -0.34 0.00	28.33 0.04 0.00	26.22 -0.17 0.00	27.78 0.08 0.00	32.61 -0.02 0.00	34.17 -0.53 0.00	48.54 -1.06 0.00	38.79 -1.02 0.00	33.10 -0.90 0.00	25.48 -0.56 0.00	25.24 -0.38 0.00	23.87 -0.12 0.00	22.84 -0.37 0.00	22.97 -0.50 0.00	27.04 -0.49 0.00	28.19 -0.46 0.00	26.49 -0.92 0.00	27.33 -1.17 0.00	28.04 -1.21 0.00	28.68 -1.52 0.00	25.75 -1.46 0.00	21.92 -1.25 0.00	21.98 -1.39 0.00	20.90 -1.16 -0.26
VALLEY___115KV_TB 1-4 80826	27.91 0.45 0.00	28.67 0.38 0.00	26.79 0.41 0.00	28.17 0.47 0.00	33.37 0.74 0.00	35.65 0.94 0.00	51.17 1.57 0.00	41.03 1.22 0.00	34.90 0.90 0.00	26.64 0.60 0.00	26.05 0.43 0.00	24.35 0.37 0.00	23.63 0.42 0.00	23.94 0.47 0.00	27.99 0.46 0.00	28.92 0.27 0.00	27.69 0.29 0.00	28.94 0.44 0.00	29.78 0.53 0.00	30.72 0.52 0.00	27.81 0.60 0.00	23.74 0.56 0.00	23.76 0.39 0.00	22.08 0.28 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.99 1.52 0.00	29.86 1.57 0.00	27.81 1.43 0.00	29.25 1.55 0.00	34.55 1.92 0.00	36.80 2.09 0.00	52.75 3.15 0.00	41.74 1.93 0.00	35.60 1.60 0.00	27.26 1.22 0.00	26.86 1.24 0.00	25.31 1.33 0.00	24.45 1.24 0.00	24.64 1.17 0.00	28.90 1.37 0.00	30.05 1.40 0.00	28.76 1.36 0.00	30.05 1.54 0.00	30.87 1.61 0.00	31.78 1.58 0.00	28.61 1.40 0.00	24.32 1.15 0.00	24.43 1.06 0.00	23.40 0.98 -0.61
VISCHER___FERRY HYD 24020	28.90 1.44 0.00	29.61 1.32 0.00	27.61 1.23 0.00	28.95 1.25 0.00	34.13 1.50 0.00	36.27 1.57 0.00	51.89 2.29 0.00	41.59 1.77 0.00	35.51 1.51 0.00	27.18 1.13 0.00	26.57 0.95 0.00	24.86 0.87 0.00	24.06 0.85 0.00	24.40 0.93 0.00	28.61 1.08 0.00	29.69 1.03 0.00	28.60 1.19 0.00	29.87 1.37 0.00	30.61 1.36 0.00	31.48 1.28 0.00	28.42 1.22 0.00	24.26 1.09 0.00	24.41 1.05 0.00	24.62 1.10 -1.72
V_A_10_SYNC_DSASP 323832	25.72 -1.74 0.00	26.92 -1.36 0.00	24.88 -1.51 0.00	26.32 -1.38 0.00	31.04 -1.59 0.00	32.78 -1.93 0.00	46.41 -3.19 0.00	36.96 -2.85 0.00	31.51 -2.49 0.00	24.14 -1.90 0.00	23.82 -1.80 0.00	22.47 -1.52 0.00	21.59 -1.62 0.00	21.82 -1.64 0.00	25.69 -1.84 0.00	26.77 -1.88 0.00	25.32 -2.08 0.00	26.30 -2.20 0.00	27.03 -2.23 0.00	27.60 -2.59 0.00	24.71 -2.50 0.00	20.94 -2.24 0.00	20.85 -2.52 0.00	19.76 -2.25 -0.20
V_CMM_10_SYNC_DSASP 323787	27.00 -0.46 0.00	27.92 -0.37 0.00	26.12 -0.26 0.00	27.45 -0.25 0.00	32.31 -0.32 0.00	34.32 -0.39 0.00	48.83 -0.77 0.00	39.23 -0.58 0.00	33.51 -0.49 0.00	25.64 -0.40 0.00	25.37 -0.25 0.00	23.77 -0.22 0.00	23.02 -0.18 0.00	23.31 -0.16 0.00	27.32 -0.20 0.00	28.52 -0.14 0.00	27.15 -0.25 0.00	28.03 -0.47 0.00	28.79 -0.46 0.00	29.90 -0.29 0.00	26.92 -0.28 0.00	22.97 -0.21 0.00	23.29 -0.08 0.00	21.62 -0.18 0.00
V_CMP_10_SYNC_DSASP 323788	27.20 -0.26 0.00	28.14 -0.14 0.00	26.56 0.17 0.00	28.07 0.37 0.00	33.18 0.55 0.00	35.30 0.59 0.00	50.34 0.75 0.00	40.40 0.59 0.00	34.79 0.79 0.00	26.61 0.57 0.00	26.22 0.60 0.00	24.54 0.56 0.00	23.85 0.64 0.00	24.18 0.71 0.00	28.46 0.93 0.00	29.61 0.96 0.00	28.08 0.68 0.00	28.79 0.29 0.00	29.55 0.29 0.00	30.85 0.65 0.00	27.67 0.47 0.00	23.54 0.36 0.00	23.79 0.42 0.00	22.25 0.45 0.00
V_D_10_SYNC_DSASP 323841	27.13 -0.33 0.00	28.07 -0.22 0.00	26.26 -0.12 0.00	27.61 -0.09 0.00	32.50 -0.13 0.00	34.50 -0.21 0.00	49.08 -0.52 0.00	39.45 -0.36 0.00	33.66 -0.34 0.00	25.74 -0.31 0.00	25.45 -0.16 0.00	23.86 -0.13 0.00	23.10 -0.10 0.00	23.40 -0.07 0.00	27.43 -0.10 0.00	28.64 -0.02 0.00	27.26 -0.15 0.00	28.15 -0.35 0.00	28.92 -0.34 0.00	30.03 -0.17 0.00	27.02 -0.18 0.00	23.06 -0.12 0.00	23.38 0.02 0.00	21.72 -0.08 0.00
V_E_10_SYNC_DSASP 323830	29.03 1.57 0.00	30.61 2.32 0.00	28.46 2.07 0.00	30.23 2.53 0.00	35.91 3.28 0.00	38.37 3.66 0.00	55.41 5.81 0.00	44.72 4.91 0.00	37.66 3.66 0.00	28.51 2.47 0.00	27.96 2.34 0.00	26.14 2.15 0.00	25.39 2.19 0.00	25.40 1.93 0.00	29.48 1.96 0.00	30.79 2.14 0.00	29.04 1.63 0.00	30.42 1.92 0.00	31.26 2.00 0.00	32.18 1.99 0.00	28.96 1.75 0.00	24.44 1.26 0.00	24.38 1.02 0.00	23.23 0.98 -0.45
V_F_30_NSYNC___DSASP 323816	28.94 1.48 0.00	29.67 1.38 0.00	27.66 1.27 0.00	29.03 1.33 0.00	34.24 1.61 0.00	36.47 1.77 0.00	52.34 2.74 0.00	41.96 2.15 0.00	35.68 1.68 0.00	27.25 1.21 0.00	26.64 1.03 0.00	24.90 0.92 0.00	24.15 0.94 0.00	24.52 1.05 0.00	28.84 1.32 0.00	29.96 1.30 0.00	28.87 1.47 0.00	30.16 1.66 0.00	30.91 1.66 0.00	31.77 1.57 0.00	28.63 1.43 0.00	24.42 1.24 0.00	24.54 1.18 0.00	24.71 1.16 -1.75
V_F_30_SYNC_DSASP 323786	28.91 1.45 0.00	29.61 1.32 0.00	27.62 1.24 0.00	28.94 1.24 0.00	34.10 1.47 0.00	36.28 1.57 0.00	51.74 2.14 0.00	41.28 1.47 0.00	35.29 1.29 0.00	26.99 0.95 0.00	26.29 0.67 0.00	24.65 0.66 0.00	23.88 0.68 0.00	24.19 0.72 0.00	28.24 0.72 0.00	29.36 0.71 0.00	28.28 0.87 0.00	29.56 1.06 0.00	30.29 1.04 0.00	31.25 1.06 0.00	28.18 0.98 0.00	24.04 0.86 0.00	24.21 0.84 0.00	24.63 1.12 -1.71
V_XM_10_SYNC_DSASP 323789	27.20 -0.26 0.00	28.14 -0.14 0.00	26.56 0.17 0.00	28.07 0.37 0.00	33.18 0.55 0.00	35.30 0.59 0.00	50.34 0.75 0.00	40.40 0.59 0.00	34.79 0.79 0.00	26.61 0.57 0.00	26.22 0.60 0.00	24.54 0.56 0.00	23.85 0.64 0.00	24.18 0.71 0.00	28.46 0.93 0.00	29.61 0.96 0.00	28.08 0.68 0.00	28.79 0.29 0.00	29.55 0.29 0.00	30.85 0.65 0.00	27.67 0.47 0.00	23.54 0.36 0.00	23.79 0.42 0.00	22.25 0.45 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.39 1.93 0.00	30.01 1.73 0.00	27.94 1.56 0.00	29.25 1.55 0.00	34.53 1.91 0.00	36.79 2.08 0.00	52.78 3.19 0.00	42.52 2.71 0.00	36.49 2.49 0.00	24.83 2.07 3.28	27.50 1.88 0.00	15.46 1.70 10.23	19.62 1.60 5.19	23.08 1.61 1.99	29.47 1.94 0.00	30.64 1.98 0.00	29.39 1.98 0.00	30.73 2.23 0.00	31.52 2.26 0.00	32.36 2.16 0.00	29.14 1.93 0.00	24.81 1.64 0.00	24.86 1.49 0.00	24.60 1.43 -1.37
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.53 2.07 0.00	30.15 1.86 0.00	28.07 1.69 0.00	29.34 1.64 0.00	34.65 2.02 0.00	36.88 2.17 0.00	52.90 3.31 0.00	42.67 2.86 0.00	36.71 2.71 0.00	30.42 2.31 -2.06	27.73 2.11 0.00	30.34 1.91 -4.45	27.29 1.82 -2.26	26.15 1.81 -0.87	29.70 2.17 0.00	30.85 2.20 0.00	29.57 2.16 0.00	30.90 2.40 0.00	31.70 2.45 0.00	32.52 2.33 0.00	29.29 2.09 0.00	24.94 1.76 0.00	24.95 1.58 0.00	24.71 1.50 -1.40
W50THST__13_KV_LOAD 356117	29.78 2.32 0.00	30.40 2.11 0.00	28.30 1.91 0.00	29.57 1.87 0.00	34.93 2.30 0.00	37.19 2.48 0.00	53.36 3.76 0.00	43.06 3.25 0.00	37.10 3.10 0.00	30.73 2.63 -2.06	28.05 2.43 0.00	30.64 2.21 -4.45	27.58 2.11 -2.26	26.44 2.11 -0.87	30.02 2.50 0.00	31.19 2.53 0.00	29.86 2.45 0.00	31.18 2.68 0.00	31.98 2.72 0.00	32.78 2.59 0.00	29.53 2.33 0.00	25.13 1.96 0.00	25.11 1.75 0.00	24.85 1.65 -1.40
WADING RIVER_IC_1 23522	30.35 2.89 0.00	31.04 2.75 0.00	28.86 2.48 0.00	30.25 2.55 0.00	35.67 3.04 0.00	38.11 3.40 0.00	54.27 4.67 0.00	43.76 3.94 0.00	37.72 3.72 0.00	30.57 3.07 -1.46	29.34 2.75 -0.97	40.38 2.58 -13.81	27.86 2.38 -2.28	28.95 2.41 -3.07	37.24 2.89 -6.82	45.94 3.05 -14.23	30.26 2.85 0.00	32.26 3.17 -0.58	32.20 2.94 0.00	33.33 3.13 0.00	30.02 2.82 0.00	25.60 2.42 0.00	27.76 2.35 -2.05	29.18 2.25 -5.13
WADING RIVER_IC_2 23547	30.35 2.89 0.00	31.04 2.75 0.00	28.86 2.48 0.00	30.25 2.55 0.00	35.67 3.04 0.00	38.11 3.40 0.00	54.27 4.67 0.00	43.76 3.94 0.00	37.72 3.72 0.00	30.57 3.07 -1.46	29.34 2.75 -0.97	40.38 2.58 -13.81	27.86 2.38 -2.28	28.95 2.41 -3.07	37.24 2.89 -6.82	45.94 3.05 -14.23	30.26 2.85 0.00	32.26 3.17 -0.58	32.20 2.94 0.00	33.33 3.13 0.00	30.02 2.82 0.00	25.60 2.42 0.00	27.76 2.35 -2.05	29.18 2.25 -5.13

WADING RIVER_IC_3 23601	30.35 2.89 0.00	31.04 2.75 0.00	28.86 2.48 0.00	30.25 2.55 0.00	35.67 3.04 0.00	38.11 3.40 0.00	54.27 4.67 0.00	43.76 3.94 0.00	37.72 3.72 0.00	30.57 3.07 -1.46	29.34 2.75 -0.97	40.38 2.58 -13.81	27.86 2.38 -2.28	28.95 2.41 -3.07	37.24 2.89 -6.82	45.94 3.05 -14.23	30.26 2.85 0.00	32.26 3.17 -0.58	32.20 2.94 0.00	33.33 3.13 0.00	30.02 2.82 0.00	25.60 2.42 0.00	27.76 2.35 -2.05	29.18 2.25 -5.13
WALDENNY_I2_KV_BK2 80841	26.20 -1.26 0.00	27.52 -0.77 0.00	25.39 -0.99 0.00	26.91 -0.79 0.00	31.74 -0.89 0.00	33.51 -1.20 0.00	47.42 -2.17 0.00	37.71 -2.10 0.00	32.12 -1.89 0.00	24.58 -1.46 0.00	24.23 -1.39 0.00	22.83 -1.16 0.00	21.91 -1.30 0.00	22.11 -1.36 0.00	26.04 -1.48 0.00	27.15 -1.50 0.00	25.60 -1.81 0.00	26.55 -1.95 0.00	27.29 -1.97 0.00	27.84 -2.35 0.00	24.88 -2.32 0.00	21.04 -2.13 0.00	20.90 -2.47 0.00	19.83 -2.21 -0.23
WALDEN___HYDRO 24148	29.37 1.91 0.00	30.01 1.72 0.00	27.94 1.56 0.00	29.28 1.58 0.00	34.54 1.91 0.00	36.83 2.13 0.00	52.90 3.30 0.00	42.58 2.77 0.00	36.42 2.42 0.00	27.42 1.91 0.53	27.30 1.68 0.00	23.84 1.49 1.64	23.76 1.37 0.82	24.51 1.36 0.31	29.25 1.73 0.00	30.50 1.84 0.00	29.33 1.93 0.00	30.72 2.22 0.00	31.52 2.27 0.00	32.37 2.17 0.00	29.14 1.94 0.00	24.80 1.63 0.00	24.85 1.48 0.00	24.55 1.40 -1.35
WARRENSBURG____ 23737	28.38 0.92 0.00	29.07 0.78 0.00	27.11 0.73 0.00	28.45 0.75 0.00	33.57 0.94 0.00	35.87 1.16 0.00	51.63 2.04 0.00	41.42 1.61 0.00	35.14 1.14 0.00	26.76 0.72 0.00	26.15 0.53 0.00	24.43 0.45 0.00	23.72 0.52 0.00	24.08 0.62 0.00	28.48 0.95 0.00	29.54 0.88 0.00	28.58 1.17 0.00	29.83 1.33 0.00	30.54 1.28 0.00	31.34 1.14 0.00	28.23 1.02 0.00	24.10 0.92 0.00	24.21 0.85 0.00	24.37 0.81 -1.75
WATERSIDE___6 8 9 23538	29.65 2.19 0.00	30.25 1.96 0.00	28.17 1.79 0.00	29.42 1.73 0.00	34.76 2.13 0.00	37.00 2.29 0.00	53.07 3.47 0.00	42.82 3.01 0.00	36.88 2.88 0.00	30.73 2.43 -2.26	27.87 2.25 0.00	30.46 2.04 -4.43	27.42 1.95 -2.26	26.23 1.90 -0.86	29.81 2.28 0.00	30.95 2.30 0.00	29.64 2.24 0.00	30.98 2.48 0.00	31.79 2.53 0.00	32.61 2.41 0.00	29.37 2.17 0.00	25.01 1.83 0.00	25.00 1.64 0.00	24.76 1.56 -1.40
WATKINRD_115KV_LN8_IL 55919	28.00 0.54 0.00	28.77 0.48 0.00	26.85 0.46 0.00	28.19 0.49 0.00	33.30 0.67 0.00	35.49 0.79 0.00	50.87 1.28 0.00	40.80 0.98 0.00	34.74 0.74 0.00	26.54 0.49 0.00	25.96 0.34 0.00	24.27 0.28 0.00	23.53 0.32 0.00	23.83 0.36 0.00	27.93 0.40 0.00	28.95 0.30 0.00	27.77 0.36 0.00	29.03 0.52 0.00	29.81 0.56 0.00	30.72 0.52 0.00	27.74 0.54 0.00	23.66 0.49 0.00	23.75 0.38 0.00	22.17 0.37 0.00
WATSON___69_KV_BK 1 55734	30.47 3.01 0.00	31.15 2.87 0.00	28.97 2.58 0.00	30.35 2.65 0.00	35.78 3.15 0.00	38.21 3.50 0.00	54.36 4.76 0.00	44.02 4.20 0.00	37.93 3.93 0.00	30.73 3.23 -1.46	29.53 2.94 -0.97	40.56 2.76 -13.81	28.04 2.56 -2.28	29.12 2.59 -3.07	37.45 3.10 -6.82	46.14 3.25 -14.23	30.53 3.12 0.00	32.57 3.48 -0.58	32.67 3.42 0.00	33.72 3.52 0.00	30.27 3.07 0.00	25.74 2.57 0.00	27.87 2.46 -2.05	29.26 2.33 -5.13
WDELAWARE___HYD 323627	28.80 1.34 0.00	29.44 1.15 0.00	27.43 1.04 0.00	28.74 1.04 0.00	33.93 1.30 0.00	36.20 1.50 0.00	52.08 2.48 0.00	41.98 2.17 0.00	35.86 1.86 0.00	27.07 1.43 0.41	26.81 1.20 0.00	23.62 0.89 1.26	22.82 0.24 0.63	23.43 0.20 0.24	27.95 0.42 0.00	29.22 0.56 0.00	28.14 0.74 0.00	29.45 0.94 0.00	30.24 0.98 0.00	31.14 0.94 0.00	28.68 1.47 0.00	24.38 1.20 0.00	24.42 1.05 0.00	24.00 0.95 -1.25
WEST BABYLON___IC 23714	30.33 2.87 0.00	31.02 2.73 0.00	28.86 2.48 0.00	30.21 2.51 0.00	35.61 2.98 0.00	38.02 3.31 0.00	54.13 4.53 0.00	43.83 4.02 0.00	37.75 3.75 0.00	30.59 3.09 -1.46	29.42 2.83 -0.97	40.45 2.65 -13.81	27.95 2.47 -2.28	29.03 2.49 -3.07	37.33 2.98 -6.82	45.98 3.10 -14.23	30.42 3.01 0.00	32.44 3.35 -0.58	32.55 3.30 0.00	33.56 3.36 0.00	30.15 2.94 0.00	25.64 2.47 0.00	27.75 2.34 -2.05	29.17 2.23 -5.13
WEST CANADA___HYD 24049	27.75 0.28 0.00	28.54 0.25 0.00	26.62 0.24 0.00	27.94 0.25 0.00	32.93 0.29 0.00	35.05 0.34 0.00	50.14 0.54 0.00	40.25 0.44 0.00	34.37 0.37 0.00	26.32 0.28 0.00	25.84 0.23 0.00	24.18 0.19 0.00	23.40 0.19 0.00	23.67 0.20 0.00	27.74 0.22 0.00	28.86 0.20 0.00	27.63 0.22 0.00	28.79 0.29 0.00	29.54 0.28 0.00	30.44 0.24 0.00	27.43 0.23 0.00	23.37 0.19 0.00	23.53 0.16 0.00	21.98 0.18 0.00
WESTERN_NY_WIND 24143	26.54 -0.92 0.00	27.82 -0.46 0.00	25.68 -0.71 0.00	27.20 -0.50 0.00	32.11 -0.52 0.00	34.01 -0.70 0.00	48.23 -1.37 0.00	38.40 -1.41 0.00	32.62 -1.38 0.00	25.00 -1.04 0.00	24.70 -0.92 0.00	23.20 -0.79 0.00	22.28 -0.93 0.00	22.60 -0.87 0.00	26.61 -0.92 0.00	27.76 -0.90 0.00	26.25 -1.15 0.00	27.29 -1.21 0.00	28.06 -1.19 0.00	28.61 -1.59 0.00	25.57 -1.64 0.00	21.61 -1.57 0.00	21.41 -1.96 0.00	20.26 -1.74 -0.21
WESTOVER___LESR 323668	27.47 0.01 0.00	28.45 0.16 0.00	26.48 0.10 0.00	27.90 0.20 0.00	32.86 0.23 0.00	34.98 0.27 0.00	50.09 0.49 0.00	40.23 0.42 0.00	34.27 0.27 0.00	26.23 0.19 0.00	25.78 0.17 0.00	24.18 0.19 0.00	23.29 0.09 0.00	23.45 -0.02 0.00	27.54 0.01 0.00	28.73 0.08 0.00	27.31 -0.09 0.00	28.55 0.05 0.00	29.31 0.06 0.00	30.21 0.01 0.00	27.15 -0.05 0.00	23.06 -0.11 0.00	23.13 -0.24 0.00	22.08 -0.19 -0.47
WETHRSFD_WT_PWR 323626	25.96 -1.51 0.00	27.27 -1.02 0.00	25.17 -1.22 0.00	26.67 -1.03 0.00	31.44 -1.19 0.00	33.21 -1.50 0.00	46.93 -2.67 0.00	37.21 -2.60 0.00	31.67 -2.33 0.00	24.25 -1.79 0.00	23.88 -1.73 0.00	22.37 -1.62 0.00	21.38 -1.82 0.00	21.45 -2.02 0.00	25.27 -2.26 0.00	26.31 -2.35 0.00	24.72 -2.69 0.00	25.56 -2.94 0.00	26.34 -2.92 0.00	26.90 -3.30 0.00	24.09 -3.12 0.00	20.35 -2.83 0.00	20.21 -3.16 0.00	19.17 -2.86 -0.22
WHAVSTOR_138KV_BK127 55557	29.34 1.87 0.00	29.96 1.67 0.00	27.89 1.51 0.00	29.19 1.49 0.00	34.45 1.82 0.00	36.70 1.99 0.00	52.62 3.03 0.00	42.41 2.60 0.00	36.40 2.40 0.00	24.63 2.01 3.42	27.44 1.82 0.00	14.96 1.65 10.67	19.35 1.56 5.42	22.95 1.56 2.08	29.40 1.87 0.00	30.55 1.90 0.00	29.32 1.92 0.00	30.65 2.15 0.00	31.43 2.18 0.00	32.27 2.07 0.00	29.06 1.86 0.00	24.75 1.57 0.00	24.80 1.43 0.00	24.55 1.38 -1.38
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.34 1.87 0.00	29.96 1.67 0.00	27.89 1.51 0.00	29.19 1.49 0.00	34.45 1.82 0.00	36.70 1.99 0.00	52.62 3.03 0.00	42.41 2.60 0.00	36.40 2.40 0.00	24.63 2.01 3.42	27.44 1.82 0.00	14.96 1.65 10.67	19.35 1.56 5.42	22.95 1.56 2.08	29.40 1.87 0.00	30.55 1.90 0.00	29.32 1.92 0.00	30.65 2.15 0.00	31.43 2.18 0.00	32.27 2.07 0.00	29.06 1.86 0.00	24.75 1.57 0.00	24.80 1.43 0.00	24.55 1.38 -1.38

WHITEHAL_115KV_TB1 80871	28.99 1.52 0.00	29.59 1.30 0.00	27.62 1.24 0.00	29.01 1.31 0.00	34.18 1.55 0.00	36.77 2.06 0.00	53.22 3.62 0.00	42.70 2.89 0.00	36.10 2.10 0.00	27.38 1.34 0.00	26.73 1.11 0.00	24.97 0.98 0.00	24.35 1.14 0.00	24.72 1.26 0.00	29.56 2.03 0.00	30.45 1.79 0.00	29.72 2.32 0.00	30.80 2.30 0.00	31.35 2.09 0.00	31.99 1.79 0.00	28.82 1.61 0.00	24.88 1.71 0.00	25.12 1.75 0.00	25.19 1.64 -1.75
WHITEPLN_13_KV_LOAD 356215	29.68 2.22 0.00	30.34 2.05 0.00	28.29 1.91 0.00	29.61 1.91 0.00	34.94 2.31 0.00	37.24 2.53 0.00	53.46 3.86 0.00	43.11 3.29 0.00	37.02 3.02 0.00	30.08 2.49 -1.54	27.90 2.29 0.00	30.83 2.09 -4.75	27.59 1.98 -2.41	26.37 1.97 -0.93	29.89 2.36 0.00	31.07 2.41 0.00	29.74 2.33 0.00	31.09 2.59 0.00	31.89 2.63 0.00	32.71 2.52 0.00	29.45 2.25 0.00	25.06 1.89 0.00	25.09 1.73 0.00	24.84 1.64 -1.40
WM_FLOYD_69_KV_BK2 356380	30.41 2.94 0.00	31.08 2.80 0.00	28.90 2.52 0.00	30.28 2.58 0.00	35.70 3.08 0.00	38.17 3.46 0.00	54.35 4.76 0.00	43.86 4.05 0.00	37.77 3.77 0.00	30.61 3.11 -1.46	29.37 2.78 -0.97	40.40 2.61 -13.81	27.89 2.41 -2.28	28.96 2.43 -3.07	37.27 2.92 -6.82	45.99 3.11 -14.23	30.34 2.93 0.00	32.37 3.28 -0.58	32.37 3.11 0.00	33.47 3.28 0.00	30.10 2.89 0.00	25.63 2.46 0.00	27.81 2.39 -2.05	29.21 2.28 -5.13
WOODARD__115KV_TB2 355635	26.75 -0.71 0.00	27.62 -0.67 0.00	25.70 -0.69 0.00	27.03 -0.67 0.00	31.87 -0.76 0.00	33.93 -0.77 0.00	48.55 -1.04 0.00	38.96 -0.86 0.00	33.18 -0.82 0.00	25.37 -0.67 0.00	24.96 -0.66 0.00	23.41 -0.57 0.00	22.63 -0.57 0.00	22.85 -0.61 0.00	26.83 -0.70 0.00	27.96 -0.70 0.00	26.70 -0.71 0.00	27.84 -0.66 0.00	28.59 -0.67 0.00	29.44 -0.75 0.00	26.52 -0.68 0.00	22.53 -0.65 0.00	22.59 -0.78 0.00	21.27 -0.68 -0.15
YORK__WARBASSE 23770	29.80 2.34 0.00	30.40 2.12 0.00	28.30 1.92 0.00	29.57 1.87 0.00	34.94 2.31 0.00	37.18 2.47 0.00	53.30 3.70 0.00	43.00 3.19 0.00	37.08 3.07 0.00	30.85 2.55 -2.26	28.00 2.38 0.00	30.58 2.16 -4.43	27.53 2.07 -2.26	26.35 2.02 -0.86	29.97 2.43 -0.02	31.13 2.45 -0.02	29.80 2.39 0.00	31.15 2.65 -0.01	31.97 2.70 -0.02	243.19 2.58 -210.42	102.44 2.31 -72.92	33.48 1.95 -8.35	25.13 1.76 0.00	24.87 1.66 -1.40