

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/19/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	29.47	24.49	27.07	20.71	24.85	25.28	28.03	30.32	27.15	29.46	29.14	26.95	24.81	27.71	29.72	35.54	35.14	38.28	42.30	33.30	49.43	31.65	26.92	25.72
24138	1.90	1.63	1.62	1.31	1.55	1.69	2.00	2.33	2.00	2.06	2.10	2.30	1.99	2.71	2.99	3.46	3.37	3.68	3.58	2.43	3.12	1.97	1.83	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.12	3.38	1.39	6.38	6.09	7.89	7.04	7.83	6.49	1.14	0.00	0.80	2.26	2.01
74TH STREET_GT_1	29.56	24.56	27.12	20.74	24.90	25.32	28.06	30.34	27.17	29.47	29.15	26.99	25.88	27.79	30.04	35.66	35.23	38.37	42.43	33.40	49.58	31.75	26.97	25.77
24260	1.99	1.70	1.67	1.34	1.60	1.73	2.03	2.35	2.02	2.06	2.11	2.33	2.04	2.79	3.05	3.55	3.46	3.77	3.71	2.53	3.27	2.07	1.88	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.12	3.37	0.36	6.37	5.83	7.85	7.04	7.82	6.49	1.14	0.00	0.80	2.25	2.01
74TH STREET_GT_2	29.56	24.56	27.12	20.74	24.90	25.32	28.06	30.34	27.17	29.47	29.15	26.99	25.88	27.79	30.04	35.66	35.23	38.37	42.43	33.40	49.58	31.75	26.97	25.77
24261	1.99	1.70	1.67	1.34	1.60	1.73	2.03	2.35	2.02	2.06	2.11	2.33	2.04	2.79	3.05	3.55	3.46	3.77	3.71	2.53	3.27	2.07	1.88	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.12	3.37	0.36	6.37	5.83	7.85	7.04	7.82	6.49	1.14	0.00	0.80	2.25	2.01
ADK HUDSON___FALLS	28.72	23.79	26.23	20.16	24.15	24.47	27.21	29.44	26.24	28.15	27.60	26.15	22.42	27.52	29.26	35.49	35.02	38.52	42.72	32.59	48.14	31.19	26.90	25.68
24011	1.16	0.93	0.79	0.76	0.85	0.87	1.16	1.45	1.10	0.75	0.53	0.43	0.32	0.51	0.90	1.03	1.10	1.53	2.00	1.37	1.83	1.26	1.09	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.09	2.31	2.10	4.36	4.47	5.51	4.89	5.44	4.50	0.79	0.00	0.55	1.54	1.37
ADK RESOURCE___RCVRY	28.85	23.89	26.28	20.23	24.22	24.54	27.34	29.62	26.38	28.21	27.64	26.19	22.46	27.59	29.41	35.65	35.20	38.73	43.08	32.83	48.49	31.43	27.09	25.86
23798	1.28	1.03	0.83	0.83	0.92	0.95	1.30	1.63	1.23	0.80	0.57	0.47	0.37	0.57	1.06	1.19	1.28	1.75	2.37	1.61	2.18	1.49	1.28	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.09	2.31	2.10	4.36	4.47	5.51	4.90	5.45	4.50	0.79	0.00	0.55	1.54	1.37
ADK S GLENS___FALLS	28.72	23.79	26.23	20.16	24.15	24.47	27.21	29.44	26.24	28.15	27.60	26.15	22.42	27.52	29.26	35.49	35.02	38.52	42.72	32.59	48.14	31.19	26.90	25.68
24028	1.16	0.93	0.79	0.76	0.85	0.87	1.16	1.45	1.10	0.75	0.53	0.43	0.32	0.51	0.90	1.03	1.10	1.53	2.00	1.37	1.83	1.26	1.09	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.09	2.31	2.10	4.36	4.47	5.51	4.89	5.44	4.50	0.79	0.00	0.55	1.54	1.37
ADK_NYS___DAM	28.71	23.79	26.20	20.17	24.10	24.30	26.92	29.17	25.98	27.93	27.24	25.70	21.96	26.89	28.51	34.41	33.74	37.09	41.13	31.52	46.72	30.42	26.30	25.13
23527	1.14	0.93	0.75	0.76	0.80	0.71	0.87	1.17	0.83	0.53	0.16	-0.02	-0.13	-0.11	0.17	-0.01	-0.15	0.14	0.45	0.30	0.42	0.50	0.52	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.09	2.32	2.11	4.37	4.49	5.54	4.92	5.47	4.53	0.79	0.00	0.56	1.57	1.39
AIR_PRODUCTS___DRP	27.79	23.11	25.57	19.60	23.49	23.73	26.21	28.28	25.29	27.34	26.87	25.43	21.80	26.63	28.11	34.02	33.49	36.66	40.39	31.13	45.91	29.84	25.75	24.67
24190	0.22	0.25	0.12	0.20	0.19	0.13	0.17	0.28	0.15	-0.06	-0.20	-0.23	-0.24	-0.27	-0.13	-0.29	-0.30	-0.18	-0.20	-0.07	-0.40	-0.07	-0.01	-0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.09	2.37	2.16	4.47	4.59	5.65	5.03	5.59	4.62	0.81	0.00	0.57	1.59	1.42
AKWESSNE_115KV_BK	27.44	22.74	25.41	19.33	23.17	23.35	25.71	27.48	24.73	27.18	26.98	25.40	21.86	26.43	27.69	33.80	33.17	36.01	39.85	30.79	46.00	29.68	25.39	24.36
355683	-0.12	-0.12	-0.04	-0.07	-0.13	-0.24	-0.33	-0.51	-0.41	-0.23	-0.09	-0.11	-0.04	-0.18	-0.26	-0.16	-0.32	-0.48	-0.45	-0.36	-0.31	-0.19	-0.24	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.09	2.53	2.30	4.76	4.88	6.00	5.33	5.93	4.92	0.86	0.00	0.61	1.71	1.52
ALBANY_1_SOLAR	28.30	23.51	26.07	19.96	23.97	24.19	26.71	28.74	25.61	27.67	27.13	25.42	21.69	26.37	27.90	33.84	33.75	37.03	41.03	31.73	46.94	30.43	26.19	25.10
323833	0.74	0.65	0.62	0.56	0.67	0.60	0.67	0.75	0.46	0.27	0.06	-0.10	-0.22	-0.27	-0.06	-0.15	0.12	0.39	0.71	0.58	0.64	0.55	0.54	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.09	2.51	2.29	4.74	4.86	5.97	5.20	5.79	4.89	0.86	0.00	0.60	1.69	1.51
ALBANY_2_SOLAR	28.29	23.49	26.06	19.96	23.97	24.19	26.70	28.74	25.60	27.66	27.12	25.42	21.68	26.37	27.89	33.85	33.74	37.03	41.02	31.72	46.93	30.42	26.19	25.09
323834	0.72	0.63	0.61	0.55	0.67	0.59	0.66	0.74	0.46	0.26	0.06	-0.10	-0.22	-0.27	-0.07	-0.15	0.12	0.38	0.69	0.56	0.62	0.54	0.53	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.09	2.51	2.29	4.74	4.86	5.97	5.20	5.79	4.89	0.85	0.00	0.60	1.69	1.51
ALBANY___1	27.79	23.11	25.57	19.60	23.49	23.73	26.21	28.28	25.29	27.34	26.87	25.43	21.80	26.63	28.11	34.02	33.49	36.66	40.39	31.13	45.91	29.84	25.75	24.67
23571	0.22	0.25	0.12	0.20	0.19	0.13	0.17	0.28	0.15	-0.06	-0.20	-0.23	-0.24	-0.27	-0.13	-0.29	-0.30	-0.18	-0.20	-0.07	-0.40	-0.07	-0.01	-0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.09	2.37	2.16	4.47	4.59	5.65	5.03	5.59	4.62	0.81	0.00	0.57	1.59	1.42



ALBANY___2 23572	27.79 0.22 0.00	23.11 0.25 0.00	25.57 0.12 0.00	19.60 0.20 0.00	23.49 0.19 0.00	23.73 0.13 0.00	26.21 0.17 0.03	28.28 0.28 0.00	25.29 0.15 0.00	27.34 -0.06 0.00	26.87 -0.20 0.09	25.43 -0.23 2.37	21.80 -0.24 2.16	26.63 -0.27 4.47	28.11 -0.13 4.59	34.02 -0.29 5.65	33.49 -0.30 5.03	36.66 -0.18 5.59	40.39 -0.20 4.62	31.13 -0.07 0.81	45.91 -0.40 0.00	29.84 -0.07 0.57	25.75 -0.01 1.59	24.67 -0.01 1.42
ALBANY___3 23573	27.79 0.22 0.00	23.11 0.25 0.00	25.57 0.12 0.00	19.60 0.20 0.00	23.49 0.19 0.00	23.73 0.13 0.00	26.21 0.17 0.03	28.28 0.28 0.00	25.29 0.15 0.00	27.34 -0.06 0.00	26.87 -0.20 0.09	25.43 -0.23 2.37	21.80 -0.24 2.16	26.63 -0.27 4.47	28.11 -0.13 4.59	34.02 -0.29 5.65	33.49 -0.30 5.03	36.66 -0.18 5.59	40.39 -0.20 4.62	31.13 -0.07 0.81	45.91 -0.40 0.00	29.84 -0.07 0.57	25.75 -0.01 1.59	24.67 -0.01 1.42
ALBANY___4 23574	27.79 0.22 0.00	23.11 0.25 0.00	25.57 0.12 0.00	19.60 0.20 0.00	23.49 0.19 0.00	23.73 0.13 0.00	26.21 0.17 0.03	28.28 0.28 0.00	25.29 0.15 0.00	27.34 -0.06 0.00	26.87 -0.20 0.09	25.43 -0.23 2.37	21.80 -0.24 2.16	26.63 -0.27 4.47	28.11 -0.13 4.59	34.02 -0.29 5.65	33.49 -0.30 5.03	36.66 -0.18 5.59	40.39 -0.20 4.62	31.13 -0.07 0.81	45.91 -0.40 0.00	29.84 -0.07 0.57	25.75 -0.01 1.59	24.67 -0.01 1.42
ALBANY___LFGE 323615	28.03 0.47 0.00	23.30 0.44 0.00	25.78 0.33 0.00	19.76 0.36 0.00	23.69 0.39 0.00	23.93 0.34 0.00	26.45 0.41 0.03	28.54 0.54 0.00	25.52 0.38 0.00	27.59 0.18 0.00	27.12 0.04 0.09	25.69 0.02 2.36	22.01 -0.03 2.15	26.93 0.01 4.46	28.43 0.17 4.57	34.43 0.10 5.63	33.91 0.10 5.01	37.13 0.27 5.57	40.90 0.28 4.60	31.45 0.25 0.81	46.38 0.07 0.00	30.14 0.22 0.56	26.01 0.24 1.58	24.90 0.22 1.41
ALCOA_PA_115KV_PL-6C 55860	27.45 -0.11 0.00	22.76 -0.10 0.00	25.45 0.00 0.00	19.37 -0.03 0.00	23.22 -0.08 0.00	23.38 -0.21 0.00	25.74 -0.28 0.04	27.51 -0.48 0.00	24.76 -0.39 0.00	27.19 -0.21 0.00	26.99 -0.06 0.12	24.85 -0.08 3.10	21.38 0.00 2.82	25.40 -0.14 5.84	26.63 -0.20 5.99	32.52 -0.08 7.37	31.99 -0.29 6.54	34.70 -0.44 7.28	38.78 -0.40 6.03	30.64 -0.31 1.06	46.08 -0.23 0.00	29.60 -0.14 0.75	25.06 -0.18 2.10	24.07 -0.15 1.87
ALCOA_RYNLDS___DRP 24188	27.45 -0.11 0.00	22.76 -0.10 0.00	25.45 0.00 0.00	19.37 -0.03 0.00	23.22 -0.08 0.00	23.38 -0.21 0.00	25.74 -0.28 0.04	27.51 -0.48 0.00	24.76 -0.39 0.00	27.19 -0.21 0.00	26.99 -0.06 0.12	24.85 -0.08 3.10	21.38 0.00 2.82	25.40 -0.14 5.84	26.63 -0.20 5.99	32.52 -0.08 7.37	31.99 -0.29 6.54	34.70 -0.44 7.28	38.78 -0.40 6.03	30.64 -0.31 1.06	46.08 -0.23 0.00	29.60 -0.14 0.75	25.06 -0.18 2.10	24.07 -0.15 1.87
ALCOA___DSASP 323711	27.45 -0.11 0.00	22.76 -0.10 0.00	25.45 0.00 0.00	19.37 -0.03 0.00	23.22 -0.08 0.00	23.38 -0.21 0.00	25.74 -0.28 0.04	27.51 -0.48 0.00	24.76 -0.39 0.00	27.19 -0.21 0.00	26.99 -0.06 0.12	24.85 -0.08 3.10	21.38 0.00 2.82	25.40 -0.14 5.84	26.64 -0.20 5.99	32.52 -0.08 7.37	31.99 -0.29 6.54	34.70 -0.44 7.28	38.77 -0.41 6.03	30.64 -0.31 1.06	46.08 -0.23 0.00	29.60 -0.13 0.75	25.07 -0.18 2.10	24.07 -0.15 1.87
ALLEGHENY___COGEN 23514	26.96 -0.60 0.00	22.41 -0.45 0.00	25.13 -0.32 0.00	19.12 -0.28 0.00	23.06 -0.24 0.00	23.30 -0.29 0.00	25.47 -0.36 0.24	27.39 -0.60 0.00	24.57 -0.58 0.00	26.68 -0.72 0.00	25.56 -0.96 0.64	9.59 -1.00 17.44	7.25 -0.95 16.01	-2.97 -1.16 33.18	-2.45 -1.27 34.01	-3.48 -1.64 41.81	0.14 -1.58 37.10	-0.84 -2.07 41.20	9.33 -2.39 33.49	24.74 -1.30 5.97	45.51 -0.80 0.00	25.77 -0.49 4.22	15.00 -0.50 11.84	15.14 -0.40 10.56
ALTAMONT_115KV_TB 2 55880	28.10 0.53 0.00	23.31 0.45 0.00	25.85 0.40 0.00	19.79 0.39 0.00	23.74 0.44 0.00	23.99 0.40 0.00	26.51 0.47 0.03	28.57 0.58 0.00	25.56 0.42 0.00	27.68 0.28 0.00	27.24 0.17 0.09	25.80 0.14 2.37	22.13 0.09 2.16	27.06 0.17 4.48	28.53 0.29 4.60	34.59 0.29 5.66	34.07 0.28 5.02	37.28 0.44 5.58	41.07 0.49 4.63	31.56 0.36 0.81	46.65 0.34 0.00	30.24 0.33 0.57	26.09 0.34 1.60	24.98 0.30 1.42
ALTONA_WT_PWR 323606	27.15 -0.42 0.00	22.43 -0.42 0.00	25.02 -0.42 0.00	19.14 -0.26 0.00	22.89 -0.41 0.00	23.09 -0.51 0.00	25.46 -0.58 0.03	27.10 -0.90 0.00	24.38 -0.77 0.00	26.78 -0.63 0.00	26.71 -0.37 0.09	25.18 -0.41 2.44	21.65 -0.33 2.22	26.22 -0.56 4.60	27.57 -0.55 4.72	33.57 -0.59 5.80	33.02 -0.65 5.15	36.00 -0.69 5.73	40.11 -0.35 4.75	30.83 -0.35 0.83	46.04 -0.27 0.00	29.84 -0.05 0.59	25.58 -0.12 1.65	24.54 -0.09 1.47
AMERICAN_REF_FUEL 24010	25.17 -2.39 0.00	20.85 -2.01 0.00	23.37 -2.08 0.00	17.73 -1.67 0.00	21.33 -1.98 0.00	21.52 -2.08 0.00	23.24 -2.60 0.22	24.86 -3.13 0.00	22.25 -2.89 0.00	24.59 -2.82 0.00	24.13 -2.44 0.58	10.06 -1.91 16.06	7.88 -1.57 14.75	-0.84 -1.63 30.59	-0.20 -1.68 31.35	-0.53 -1.97 38.53	2.80 -1.82 34.19	1.71 -2.75 37.97	9.82 -3.81 31.58	23.10 -3.40 5.50	41.60 -4.71 0.00	23.35 -3.25 3.89	13.82 -2.68 10.84	14.24 -2.13 9.73
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.53 -1.03 0.00	21.94 -0.92 0.00	24.65 -0.80 0.00	18.75 -0.65 0.00	22.59 -0.71 0.00	22.85 -0.75 0.00	24.94 -0.89 0.23	26.87 -1.12 0.00	24.11 -1.04 0.00	26.54 -0.87 0.00	25.83 -0.72 0.61	10.98 -0.48 16.57	8.62 -0.38 15.20	-0.42 -0.28 31.52	0.14 -0.38 32.30	-0.22 -0.49 39.70	3.15 -0.44 35.23	2.21 -1.09 39.13	10.92 -1.76 32.54	24.86 -1.48 5.67	44.39 -1.92 0.00	25.01 -1.47 4.01	14.88 -1.27 11.19	15.03 -1.03 10.03
ARTHUR KILL_GT_1 23520	29.55 1.98 0.00	24.55 1.70 0.00	27.11 1.66 0.00	20.74 1.34 0.00	24.90 1.60 0.00	25.34 1.74 0.00	28.04 2.01 0.04	30.30 2.31 0.00	27.07 1.93 0.00	29.33 1.93 0.00	29.04 2.01 0.12	26.88 2.22 3.37	25.73 1.89 0.36	27.71 2.72 6.37	29.95 2.96 5.83	35.55 3.44 7.85	35.27 3.49 7.04	38.26 3.65 7.82	42.37 3.65 6.49	33.43 2.55 1.13	49.52 3.21 0.00	31.86 2.17 0.80	27.06 1.97 2.25	25.88 1.79 2.01
ARTHUR_KILL_2 23512	29.47 1.91 0.00	24.50 1.64 0.00	27.05 1.60 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	27.97 1.94 0.04	30.23 2.24 0.00	27.01 1.86 0.00	29.27 1.87 0.00	28.99 1.95 0.12	26.84 2.18 3.37	25.67 1.84 0.36	27.67 2.67 6.37	29.89 2.89 5.83	35.48 3.37 7.85	35.16 3.38 7.04	38.16 3.56 7.82	42.26 3.54 6.49	33.35 2.47 1.13	49.38 3.07 0.00	31.76 2.08 0.80	27.00 1.91 2.25	25.82 1.73 2.01
ARTHUR_KILL_3 23513	29.24 1.68 0.00	24.31 1.45 0.00	26.83 1.39 0.00	20.53 1.13 0.00	24.64 1.34 0.00	25.07 1.47 0.00	27.76 1.74 0.04	30.02 2.03 0.00	26.85 1.71 0.00	29.13 1.73 0.00	28.82 1.78 0.12	26.65 1.99 3.37	25.10 1.75 0.84	27.41 2.41 6.38	29.55 2.67 5.96	35.17 3.08 7.87	34.77 2.99 7.04	37.86 3.25 7.82	41.87 3.14 6.49	33.01 2.14 1.13	49.01 2.70 0.00	31.39 1.71 0.80	26.67 1.58 2.26	25.48 1.40 2.01



ARTHUR_KILL_COGEN 323718	29.55 1.98 0.00	24.56 1.70 0.00	27.11 1.67 0.00	20.74 1.34 0.00	24.90 1.59 0.00	25.34 1.74 0.00	28.04 2.02 0.04	30.30 2.31 0.00	27.07 1.92 0.00	29.33 1.93 0.00	29.04 2.01 0.12	26.89 2.23 3.37	25.72 1.88 0.36	27.73 2.73 6.37	29.96 2.97 5.83	35.56 3.45 7.85	35.27 3.49 7.04	38.27 3.67 7.82	42.38 3.65 6.49	33.43 2.55 1.13	49.52 3.21 0.00	31.86 2.17 0.80	27.07 1.98 2.25	25.89 1.80 2.01
ASHOKAN____ 23654	29.45 1.88 0.00	24.40 1.54 0.00	27.00 1.55 0.00	20.65 1.25 0.00	24.79 1.49 0.00	25.16 1.56 0.00	27.71 1.68 0.04	29.93 1.94 0.00	26.67 1.53 0.00	28.75 1.35 0.00	28.27 1.22 0.11	26.37 1.25 2.90	22.58 1.03 2.64	27.31 1.42 5.48	28.84 1.63 5.62	34.94 1.86 6.88	34.66 1.85 6.00	38.08 2.33 6.69	42.46 2.88 5.64	33.15 2.13 0.99	49.14 2.83 0.00	31.70 1.91 0.70	27.09 1.70 1.95	25.84 1.49 1.74
ASTORIA_EAST_ENERGY_CC1 323581	29.37 1.81 0.00	24.48 1.62 0.00	26.94 1.49 0.00	20.64 1.24 0.00	24.74 1.44 0.00	25.21 1.61 0.00	27.94 1.91 0.04	30.16 2.17 0.00	26.94 1.80 0.00	29.22 1.81 0.00	28.94 1.90 0.12	26.76 2.11 3.37	25.09 1.73 0.84	27.57 2.56 6.37	29.56 2.68 5.95	35.25 3.14 7.86	34.83 3.06 7.04	37.88 3.28 7.82	41.92 3.20 6.49	33.13 2.26 1.14	49.09 2.78 0.00	31.51 1.84 0.80	26.83 1.74 2.25	25.66 1.57 2.01
ASTORIA_EAST_ENERGY_CC2 323582	29.37 1.81 0.00	24.48 1.62 0.00	26.94 1.49 0.00	20.64 1.24 0.00	24.74 1.44 0.00	25.21 1.61 0.00	27.94 1.91 0.04	30.16 2.17 0.00	26.94 1.80 0.00	29.22 1.81 0.00	28.94 1.90 0.12	26.76 2.11 3.37	25.09 1.73 0.84	27.57 2.56 6.37	29.56 2.69 5.95	35.25 3.14 7.86	34.83 3.06 7.04	37.88 3.28 7.82	41.92 3.20 6.49	33.13 2.26 1.14	49.09 2.78 0.00	31.51 1.84 0.80	26.83 1.74 2.25	25.66 1.57 2.01
ASTORIA_GT2_1 24094	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01
ASTORIA_GT2_2 24095	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01
ASTORIA_GT2_3 24096	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01
ASTORIA_GT2_4 24097	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01
ASTORIA_GT3_1 24098	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01
ASTORIA_GT3_2 24099	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01
ASTORIA_GT3_3 24100	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01
ASTORIA_GT3_4 24101	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01
ASTORIA_GT4_1 24102	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01
ASTORIA_GT4_2 24103	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01
ASTORIA_GT4_3 24104	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01



ASTORIA_GT4_4 24105	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.97 1.82 0.00	29.22 1.82 0.00	28.95 1.92 0.12	26.76 2.11 3.37	25.16 1.81 0.84	27.57 2.57 6.37	29.62 2.74 5.95	35.26 3.15 7.85	34.87 3.09 7.04	37.91 3.30 7.82	41.94 3.21 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.84 1.75 2.25	25.65 1.56 2.01
ASTORIA_GT_1 23523	29.43 1.86 0.00	24.52 1.66 0.00	26.99 1.54 0.00	20.67 1.27 0.00	24.77 1.47 0.00	25.25 1.66 0.00	27.99 1.96 0.04	30.22 2.22 0.00	27.01 1.86 0.00	29.28 1.87 0.00	29.00 1.97 0.12	26.81 2.16 3.37	25.21 1.85 0.84	27.62 2.63 6.37	29.67 2.79 5.95	35.34 3.23 7.85	34.95 3.17 7.04	37.99 3.39 7.82	42.02 3.30 6.49	33.20 2.33 1.14	49.20 2.89 0.00	31.59 1.91 0.80	26.87 1.78 2.25	25.70 1.61 2.01
ASTORIA_GT_10 24110	29.41 1.84 0.00	24.46 1.60 0.00	26.97 1.52 0.00	20.64 1.24 0.00	24.78 1.48 0.00	25.21 1.62 0.00	27.93 1.90 0.04	30.17 2.18 0.00	27.03 1.89 0.00	29.29 1.89 0.00	29.00 1.96 0.12	26.84 2.18 3.37	25.71 1.87 0.36	27.59 2.60 6.37	29.82 2.83 5.83	35.39 3.28 7.85	35.00 3.22 7.04	38.09 3.48 7.82	42.11 3.39 6.49	33.20 2.33 1.14	49.27 2.96 0.00	31.57 1.90 0.80	26.83 1.74 2.25	25.65 1.56 2.01
ASTORIA_GT_11 24225	29.41 1.84 0.00	24.46 1.60 0.00	26.97 1.52 0.00	20.64 1.24 0.00	24.78 1.48 0.00	25.21 1.62 0.00	27.93 1.90 0.04	30.17 2.18 0.00	27.03 1.89 0.00	29.29 1.89 0.00	29.00 1.96 0.12	26.84 2.18 3.37	25.71 1.87 0.36	27.59 2.60 6.37	29.82 2.83 5.83	35.39 3.28 7.85	35.00 3.22 7.04	38.09 3.48 7.82	42.11 3.39 6.49	33.20 2.33 1.14	49.27 2.96 0.00	31.57 1.90 0.80	26.83 1.74 2.25	25.65 1.56 2.01
ASTORIA_GT_12 24226	29.41 1.84 0.00	24.46 1.60 0.00	26.97 1.52 0.00	20.64 1.24 0.00	24.78 1.48 0.00	25.21 1.62 0.00	27.93 1.90 0.04	30.17 2.18 0.00	27.03 1.89 0.00	29.29 1.89 0.00	29.00 1.96 0.12	26.84 2.18 3.37	25.71 1.87 0.36	27.59 2.60 6.37	29.82 2.83 5.83	35.39 3.28 7.85	35.00 3.22 7.04	38.09 3.48 7.82	42.11 3.39 6.49	33.20 2.33 1.14	49.27 2.96 0.00	31.57 1.90 0.80	26.83 1.74 2.25	25.65 1.56 2.01
ASTORIA_GT_13 24227	29.41 1.84 0.00	24.46 1.60 0.00	26.97 1.52 0.00	20.64 1.24 0.00	24.78 1.48 0.00	25.21 1.62 0.00	27.93 1.90 0.04	30.17 2.18 0.00	27.03 1.89 0.00	29.29 1.89 0.00	29.00 1.96 0.12	26.84 2.18 3.37	25.71 1.87 0.36	27.59 2.60 6.37	29.82 2.83 5.83	35.39 3.28 7.85	35.00 3.22 7.04	38.09 3.48 7.82	42.11 3.39 6.49	33.20 2.33 1.14	49.27 2.96 0.00	31.57 1.90 0.80	26.83 1.74 2.25	25.65 1.56 2.01
ASTORIA_GT_5 24106	29.43 1.86 0.00	24.52 1.66 0.00	26.99 1.54 0.00	20.67 1.27 0.00	24.77 1.47 0.00	25.25 1.66 0.00	27.99 1.96 0.04	30.22 2.22 0.00	27.01 1.86 0.00	29.28 1.87 0.00	29.00 1.97 0.12	26.81 2.16 3.37	25.21 1.85 0.84	27.62 2.63 6.37	29.67 2.79 5.95	35.34 3.23 7.85	34.95 3.17 7.04	37.99 3.39 7.82	42.02 3.30 6.49	33.20 2.33 1.14	49.20 2.89 0.00	31.59 1.91 0.80	26.87 1.78 2.25	25.70 1.61 2.01
ASTORIA_GT_7 24107	29.43 1.86 0.00	24.52 1.66 0.00	26.99 1.54 0.00	20.67 1.27 0.00	24.77 1.47 0.00	25.25 1.66 0.00	27.99 1.96 0.04	30.22 2.22 0.00	27.01 1.86 0.00	29.28 1.87 0.00	29.00 1.97 0.12	26.81 2.16 3.37	25.21 1.85 0.84	27.62 2.63 6.37	29.67 2.79 5.95	35.34 3.23 7.85	34.95 3.17 7.04	37.99 3.39 7.82	42.02 3.30 6.49	33.20 2.33 1.14	49.20 2.89 0.00	31.59 1.91 0.80	26.87 1.78 2.25	25.70 1.61 2.01
ASTORIA_GT_8 24108	29.43 1.86 0.00	24.52 1.66 0.00	26.99 1.54 0.00	20.67 1.27 0.00	24.77 1.47 0.00	25.25 1.66 0.00	27.99 1.96 0.04	30.22 2.22 0.00	27.01 1.86 0.00	29.28 1.87 0.00	29.00 1.97 0.12	26.81 2.16 3.37	25.21 1.85 0.84	27.62 2.63 6.37	29.67 2.79 5.95	35.34 3.23 7.85	34.95 3.17 7.04	37.99 3.39 7.82	42.02 3.30 6.49	33.20 2.33 1.14	49.20 2.89 0.00	31.59 1.91 0.80	26.87 1.78 2.25	25.70 1.61 2.01
ASTORIA___2 24149	29.39 1.83 0.00	24.48 1.63 0.00	26.95 1.51 0.00	20.64 1.24 0.00	24.75 1.45 0.00	25.22 1.62 0.00	27.94 1.92 0.04	30.17 2.18 0.00	26.96 1.82 0.00	29.23 1.82 0.00	28.95 1.92 0.12	26.78 2.12 3.37	25.10 1.74 0.84	27.58 2.58 6.37	29.58 2.70 5.95	35.27 3.16 7.86	34.86 3.08 7.04	37.90 3.30 7.82	41.94 3.22 6.49	33.14 2.27 1.14	49.11 2.81 0.00	31.53 1.86 0.80	26.85 1.76 2.25	25.66 1.58 2.01
ASTORIA___3 23516	29.41 1.84 0.00	24.46 1.60 0.00	26.97 1.52 0.00	20.64 1.24 0.00	24.78 1.48 0.00	25.21 1.62 0.00	27.93 1.90 0.04	30.17 2.18 0.00	27.03 1.89 0.00	29.29 1.89 0.00	29.00 1.96 0.12	26.85 2.19 3.37	25.70 1.86 0.36	27.61 2.61 6.37	29.82 2.82 5.83	35.40 3.29 7.85	34.99 3.21 7.04	38.09 3.48 7.82	42.13 3.41 6.49	33.20 2.33 1.14	49.27 2.96 0.00	31.57 1.89 0.80	26.85 1.76 2.25	25.66 1.57 2.01
ASTORIA___4 23517	29.41 1.84 0.00	24.46 1.60 0.00	26.97 1.52 0.00	20.64 1.24 0.00	24.78 1.48 0.00	25.21 1.62 0.00	27.93 1.90 0.04	30.17 2.18 0.00	27.03 1.89 0.00	29.29 1.89 0.00	29.00 1.96 0.12	26.84 2.18 3.37	25.71 1.87 0.36	27.59 2.60 6.37	29.82 2.83 5.83	35.39 3.28 7.85	35.00 3.22 7.04	38.09 3.48 7.82	42.11 3.39 6.49	33.20 2.33 1.14	49.27 2.96 0.00	31.57 1.90 0.80	26.83 1.74 2.25	25.65 1.56 2.01
ASTORIA___5 23518	29.41 1.84 0.00	24.46 1.60 0.00	26.97 1.52 0.00	20.64 1.24 0.00	24.78 1.48 0.00	25.21 1.62 0.00	27.93 1.90 0.04	30.17 2.18 0.00	27.03 1.89 0.00	29.29 1.89 0.00	29.00 1.96 0.12	26.85 2.19 3.37	25.70 1.86 0.36	27.61 2.61 6.37	29.82 2.82 5.83	35.40 3.29 7.85	34.99 3.21 7.04	38.09 3.48 7.82	42.13 3.41 6.49	33.20 2.33 1.14	49.27 2.96 0.00	31.57 1.89 0.80	26.85 1.76 2.25	25.66 1.57 2.01
AST_ENERGY_2_CC3 323677	29.30 1.74 0.00	24.38 1.52 0.00	26.92 1.47 0.00	20.59 1.19 0.00	24.72 1.42 0.00	25.14 1.55 0.00	27.84 1.81 0.04	30.09 2.10 0.00	26.92 1.78 0.00	29.20 1.80 0.00	28.89 1.86 0.12	26.74 2.08 3.37	25.19 1.84 0.84	27.48 2.49 6.38	29.62 2.74 5.96	35.25 3.15 7.87	34.84 3.06 7.04	37.95 3.34 7.82	41.96 3.24 6.49	33.09 2.21 1.14	49.13 2.83 0.00	31.47 1.79 0.80	26.77 1.68 2.26	25.58 1.49 2.01
AST_ENERGY_2_CC4 323678	29.30 1.74 0.00	24.38 1.52 0.00	26.92 1.47 0.00	20.59 1.19 0.00	24.72 1.42 0.00	25.14 1.55 0.00	27.84 1.81 0.04	30.09 2.10 0.00	26.92 1.78 0.00	29.20 1.80 0.00	28.89 1.86 0.12	26.74 2.08 3.37	25.19 1.84 0.84	27.48 2.49 6.38	29.62 2.74 5.96	35.25 3.15 7.87	34.84 3.06 7.04	37.95 3.34 7.82	41.96 3.24 6.49	33.09 2.21 1.14	49.13 2.83 0.00	31.47 1.79 0.80	26.77 1.68 2.26	25.58 1.49 2.01



ATHENS_STG_1 23668	28.32 0.76 0.00	23.49 0.64 0.00	26.06 0.61 0.00	19.93 0.53 0.00	23.94 0.63 0.00	24.18 0.59 0.00	26.72 0.69 0.04	28.82 0.82 0.00	25.81 0.66 0.00	27.97 0.57 0.00	27.56 0.52 0.11	25.64 0.56 2.96	21.98 0.48 2.69	26.48 0.69 5.58	27.94 0.84 5.72	33.85 0.92 7.04	33.44 0.87 6.25	36.50 1.02 6.95	40.43 0.98 5.76	31.68 0.67 1.01	47.09 0.78 0.00	30.35 0.58 0.71	25.95 0.60 2.00	24.87 0.56 1.78
ATHENS_STG_2 23670	28.32 0.76 0.00	23.49 0.64 0.00	26.06 0.61 0.00	19.93 0.53 0.00	23.94 0.63 0.00	24.18 0.59 0.00	26.72 0.69 0.04	28.82 0.82 0.00	25.81 0.66 0.00	27.97 0.57 0.00	27.56 0.52 0.11	25.64 0.56 2.96	21.98 0.48 2.69	26.48 0.69 5.58	27.94 0.84 5.72	33.85 0.92 7.04	33.44 0.87 6.25	36.50 1.02 6.95	40.43 0.98 5.76	31.68 0.67 1.01	47.09 0.78 0.00	30.35 0.58 0.71	25.95 0.60 2.00	24.87 0.56 1.78
ATHENS_STG_3 23677	28.32 0.76 0.00	23.49 0.64 0.00	26.06 0.61 0.00	19.93 0.53 0.00	23.94 0.63 0.00	24.18 0.59 0.00	26.72 0.69 0.04	28.82 0.82 0.00	25.81 0.66 0.00	27.97 0.57 0.00	27.56 0.52 0.11	25.64 0.56 2.96	21.98 0.48 2.69	26.48 0.69 5.58	27.94 0.84 5.72	33.85 0.92 7.04	33.44 0.87 6.25	36.50 1.02 6.95	40.43 0.98 5.76	31.68 0.67 1.01	47.09 0.78 0.00	30.35 0.58 0.71	25.95 0.60 2.00	24.87 0.56 1.78
AUBURN___LFGE 323710	26.97 -0.59 0.00	22.39 -0.47 0.00	24.93 -0.52 0.00	18.94 -0.46 0.00	22.80 -0.50 0.00	23.16 -0.44 0.00	25.16 -0.50 0.41	27.37 -0.62 0.00	24.58 -0.57 0.00	26.65 -0.75 0.00	25.21 -0.80 1.15	-3.55 -0.78 30.80	-4.47 -0.70 27.97	-27.59 -0.98 57.99	-27.54 -0.93 59.44	-34.26 -1.17 73.06	-27.29 -1.27 64.84	-30.65 -1.19 71.89	-15.40 -1.14 59.48	20.76 -0.84 10.41	45.29 -1.02 0.00	22.43 -0.68 7.36	6.05 -0.63 20.67	7.10 -0.58 18.41
BABYLON_RES_REC 323704	29.83 2.27 0.00	24.79 1.93 0.00	27.40 1.94 0.00	20.90 1.50 0.00	25.11 1.80 0.00	25.53 1.94 0.00	28.29 2.26 0.04	30.51 2.52 0.00	27.06 1.91 0.00	29.31 1.91 0.00	29.11 2.07 0.12	26.86 2.21 3.38	23.01 2.04 3.23	27.62 2.62 6.38	28.96 2.68 6.56	35.18 3.17 7.95	34.76 2.99 7.04	37.94 3.34 7.84	42.23 3.50 6.49	33.34 2.47 1.14	49.66 3.35 0.00	31.83 2.15 0.80	27.11 2.01 2.25	25.90 1.81 2.01
BALL_HILL_WT_PWR 323825	26.20 -1.37 0.00	21.71 -1.15 0.00	24.33 -1.12 0.00	18.49 -0.91 0.00	22.28 -1.01 0.00	22.50 -1.10 0.00	24.48 -1.37 0.23	26.34 -1.65 0.00	23.64 -1.50 0.00	26.00 -1.40 0.00	25.34 -1.22 0.60	10.72 -0.90 16.41	8.40 -0.74 15.06	-0.55 -0.70 31.22	0.06 -0.76 32.01	-0.29 -0.92 39.33	3.02 -0.89 34.91	2.06 -1.60 38.77	10.58 -2.35 32.29	24.41 -1.98 5.62	43.66 -2.65 0.00	24.59 -1.93 3.97	14.63 -1.64 11.08	14.88 -1.28 9.93
BARON_WINDS___WT_PWR 323822	26.11 -1.45 0.00	21.81 -1.05 0.00	24.55 -0.90 0.00	18.72 -0.68 0.00	22.51 -0.79 0.00	22.61 -0.98 0.00	24.60 -1.22 0.25	26.65 -1.34 0.00	24.04 -1.10 0.00	26.17 -1.24 0.00	25.26 -1.23 0.67	8.61 -1.26 18.16	6.43 -1.16 16.60	-4.61 -1.56 34.43	-4.20 -1.74 35.29	-5.67 -2.26 43.37	-1.95 -2.28 38.49	-3.15 -2.81 42.77	5.70 -3.07 36.44	23.90 -1.91 6.20	43.96 -2.35 0.00	24.57 -1.53 4.38	13.74 -1.33 12.28	13.98 -1.16 10.96
BARRETT_IC_1 23704	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BARRETT_IC_10 23701	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BARRETT_IC_11 23702	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BARRETT_IC_12 23703	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BARRETT_IC_2 23705	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BARRETT_IC_3 23706	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BARRETT_IC_4 23707	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BARRETT_IC_5 23708	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01



BARRETT_IC_6 23709	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BARRETT_IC_7 23710	29.57 2.00 0.00	24.57 1.71 0.00	27.15 1.70 0.00	20.72 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.81 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.70 2.04 3.38	22.86 1.89 3.23	27.41 2.41 6.38	28.75 2.48 6.56	34.83 2.81 7.95	34.43 2.66 7.04	37.57 2.98 7.84	41.72 2.99 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.86 1.77 2.25	25.66 1.58 2.01
BARRETT_IC_8 23711	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BARRETT_IC_9 23700	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BARRETT___1 23545	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BARRETT___2 23546	29.57 2.00 0.00	24.56 1.71 0.00	27.15 1.70 0.00	20.73 1.32 0.00	24.88 1.58 0.00	25.29 1.70 0.00	27.97 1.95 0.04	30.18 2.19 0.00	26.80 1.66 0.00	29.06 1.66 0.00	28.89 1.86 0.12	26.71 2.05 3.38	22.87 1.90 3.23	27.42 2.42 6.38	28.76 2.49 6.56	34.84 2.82 7.95	34.45 2.67 7.04	37.58 2.99 7.84	41.72 3.00 6.49	32.94 2.07 1.14	49.08 2.77 0.00	31.51 1.84 0.80	26.88 1.78 2.25	25.67 1.58 2.01
BATAVIA__115KV_TB1 55881	26.30 -1.26 0.00	21.79 -1.07 0.00	24.37 -1.08 0.00	18.50 -0.90 0.00	22.29 -1.02 0.00	22.56 -1.04 0.00	24.53 -1.31 0.22	26.38 -1.61 0.00	23.59 -1.55 0.00	25.91 -1.49 0.00	25.20 -1.37 0.58	10.86 -1.05 16.12	8.45 -0.91 14.83	-0.37 -0.99 30.76	0.22 -1.09 31.52	-0.07 -1.29 38.74	3.32 -1.12 34.38	2.42 -1.83 38.18	11.06 -2.46 31.70	24.55 -1.92 5.53	44.04 -2.27 0.00	24.93 -1.63 3.91	15.01 -1.39 10.95	15.29 -1.03 9.78
BAYONEEC___CTG1 323682	29.36 1.80 0.00	24.40 1.54 0.00	26.95 1.50 0.00	20.61 1.21 0.00	24.74 1.44 0.00	25.16 1.57 0.00	27.87 1.85 0.04	30.14 2.15 0.00	26.97 1.82 0.00	29.25 1.85 0.00	28.93 1.89 0.12	26.76 2.10 3.37	25.20 1.85 0.84	27.53 2.53 6.38	29.66 2.79 5.96	35.31 3.22 7.87	34.91 3.14 7.04	38.02 3.42 7.82	42.04 3.32 6.49	33.14 2.26 1.14	49.22 2.91 0.00	31.51 1.84 0.80	26.79 1.70 2.26	25.60 1.52 2.01
BAYONEEC___CTG10 323750	29.36 1.80 0.00	24.40 1.54 0.00	26.95 1.50 0.00	20.61 1.21 0.00	24.74 1.44 0.00	25.16 1.57 0.00	27.87 1.85 0.04	30.14 2.15 0.00	26.97 1.82 0.00	29.25 1.85 0.00	28.93 1.89 0.12	26.76 2.10 3.37	25.20 1.85 0.84	27.53 2.53 6.38	29.66 2.79 5.96	35.31 3.22 7.87	34.91 3.14 7.04	38.02 3.42 7.82	42.04 3.32 6.49	33.14 2.26 1.14	49.22 2.91 0.00	31.51 1.84 0.80	26.79 1.70 2.26	25.60 1.52 2.01
BAYONEEC___CTG2 323683	29.36 1.80 0.00	24.40 1.54 0.00	26.95 1.50 0.00	20.61 1.21 0.00	24.74 1.44 0.00	25.16 1.57 0.00	27.87 1.85 0.04	30.14 2.15 0.00	26.97 1.82 0.00	29.25 1.85 0.00	28.93 1.89 0.12	26.76 2.10 3.37	25.20 1.85 0.84	27.53 2.53 6.38	29.66 2.79 5.96	35.31 3.22 7.87	34.91 3.14 7.04	38.02 3.42 7.82	42.04 3.32 6.49	33.14 2.26 1.14	49.22 2.91 0.00	31.51 1.84 0.80	26.79 1.70 2.26	25.60 1.52 2.01
BAYONEEC___CTG3 323684	29.36 1.80 0.00	24.40 1.54 0.00	26.95 1.50 0.00	20.61 1.21 0.00	24.74 1.44 0.00	25.16 1.57 0.00	27.87 1.85 0.04	30.14 2.15 0.00	26.97 1.82 0.00	29.25 1.85 0.00	28.93 1.89 0.12	26.76 2.10 3.37	25.20 1.85 0.84	27.53 2.53 6.38	29.66 2.79 5.96	35.31 3.22 7.87	34.91 3.14 7.04	38.02 3.42 7.82	42.04 3.32 6.49	33.14 2.26 1.14	49.22 2.91 0.00	31.51 1.84 0.80	26.79 1.70 2.26	25.60 1.52 2.01
BAYONEEC___CTG4 323685	29.36 1.80 0.00	24.40 1.54 0.00	26.95 1.50 0.00	20.61 1.21 0.00	24.74 1.44 0.00	25.16 1.57 0.00	27.87 1.85 0.04	30.14 2.15 0.00	26.97 1.82 0.00	29.25 1.85 0.00	28.93 1.89 0.12	26.76 2.10 3.37	25.20 1.85 0.84	27.53 2.53 6.38	29.66 2.79 5.96	35.31 3.22 7.87	34.91 3.14 7.04	38.02 3.42 7.82	42.04 3.32 6.49	33.14 2.26 1.14	49.22 2.91 0.00	31.51 1.84 0.80	26.79 1.70 2.26	25.60 1.52 2.01
BAYONEEC___CTG5 323686	29.36 1.80 0.00	24.40 1.54 0.00	26.95 1.50 0.00	20.61 1.21 0.00	24.74 1.44 0.00	25.16 1.57 0.00	27.87 1.85 0.04	30.14 2.15 0.00	26.97 1.82 0.00	29.25 1.85 0.00	28.93 1.89 0.12	26.76 2.10 3.37	25.20 1.85 0.84	27.53 2.53 6.38	29.66 2.79 5.96	35.31 3.22 7.87	34.91 3.14 7.04	38.02 3.42 7.82	42.04 3.32 6.49	33.14 2.26 1.14	49.22 2.91 0.00	31.51 1.84 0.80	26.79 1.70 2.26	25.60 1.52 2.01
BAYONEEC___CTG6 323687	29.36 1.80 0.00	24.40 1.54 0.00	26.95 1.50 0.00	20.61 1.21 0.00	24.74 1.44 0.00	25.16 1.57 0.00	27.87 1.85 0.04	30.14 2.15 0.00	26.97 1.82 0.00	29.25 1.85 0.00	28.93 1.89 0.12	26.76 2.10 3.37	25.20 1.85 0.84	27.53 2.53 6.38	29.66 2.79 5.96	35.31 3.22 7.87	34.91 3.14 7.04	38.02 3.42 7.82	42.04 3.32 6.49	33.14 2.26 1.14	49.22 2.91 0.00	31.51 1.84 0.80	26.79 1.70 2.26	25.60 1.52 2.01
BAYONEEC___CTG7 323688	29.36 1.80 0.00	24.40 1.54 0.00	26.95 1.50 0.00	20.61 1.21 0.00	24.74 1.44 0.00	25.16 1.57 0.00	27.87 1.85 0.04	30.14 2.15 0.00	26.97 1.82 0.00	29.25 1.85 0.00	28.93 1.89 0.12	26.76 2.10 3.37	25.20 1.85 0.84	27.53 2.53 6.38	29.66 2.79 5.96	35.31 3.22 7.87	34.91 3.14 7.04	38.02 3.42 7.82	42.04 3.32 6.49	33.14 2.26 1.14	49.22 2.91 0.00	31.51 1.84 0.80	26.79 1.70 2.26	25.60 1.52 2.01



BAYONEEC___CTG8 323689	29.36 1.80 0.00	24.40 1.54 0.00	26.95 1.50 0.00	20.61 1.21 0.00	24.74 1.44 0.00	25.16 1.57 0.00	27.87 1.85 0.04	30.14 2.15 0.00	26.97 1.82 0.00	29.25 1.85 0.00	28.93 1.89 0.12	26.76 2.10 3.37	25.20 1.85 0.84	27.53 2.53 6.38	29.66 2.79 5.96	35.31 3.22 7.87	34.91 3.14 7.04	38.02 3.42 7.82	42.04 3.32 6.49	33.14 2.26 1.14	49.22 2.91 0.00	31.51 1.84 0.80	26.79 1.70 2.26	25.60 1.52 2.01
BAYONEEC___CTG9 323749	29.36 1.80 0.00	24.40 1.54 0.00	26.95 1.50 0.00	20.61 1.21 0.00	24.74 1.44 0.00	25.16 1.57 0.00	27.87 1.85 0.04	30.14 2.15 0.00	26.97 1.82 0.00	29.25 1.85 0.00	28.93 1.89 0.12	26.76 2.10 3.37	25.20 1.85 0.84	27.53 2.53 6.38	29.66 2.79 5.96	35.31 3.22 7.87	34.91 3.14 7.04	38.02 3.42 7.82	42.04 3.32 6.49	33.14 2.26 1.14	49.22 2.91 0.00	31.51 1.84 0.80	26.79 1.70 2.26	25.60 1.52 2.01
BEACON___LESR 323632	28.29 0.73 0.00	23.50 0.64 0.00	25.99 0.54 0.00	19.91 0.51 0.00	23.87 0.57 0.00	24.15 0.56 0.00	26.76 0.72 0.03	28.87 0.88 0.00	25.79 0.65 0.00	27.87 0.47 0.00	27.40 0.33 0.09	25.98 0.32 2.37	22.26 0.22 2.16	27.27 0.37 4.48	28.81 0.57 4.59	34.92 0.61 5.66	34.41 0.63 5.03	37.71 0.88 5.60	41.56 0.97 4.62	31.92 0.72 0.81	47.05 0.73 0.00	30.49 0.58 0.57	26.32 0.56 1.59	25.17 0.50 1.42
BEAVER RIVER___HYD 24048	26.79 -0.78 0.00	22.21 -0.65 0.00	24.74 -0.71 0.00	18.95 -0.45 0.00	22.86 -0.44 0.00	23.07 -0.52 0.00	25.28 -0.58 0.21	27.23 -0.77 0.00	24.60 -0.54 0.00	26.73 -0.67 0.00	25.94 -0.65 0.57	11.68 -0.95 15.40	9.46 -0.74 14.01	1.36 -0.97 29.04	2.06 -1.01 29.76	2.15 -1.23 36.59	5.02 -1.32 32.47	4.95 -1.30 36.18	14.07 -1.16 29.99	26.21 -0.54 5.25	45.37 -0.93 0.00	25.96 -0.81 3.71	16.15 -0.78 10.42	16.04 -0.77 9.28
BEEBEE_GT_13 23619	26.31 -1.25 0.00	21.79 -1.07 0.00	24.33 -1.12 0.00	18.49 -0.91 0.00	22.26 -1.04 0.00	22.53 -1.06 0.00	24.54 -1.31 0.22	26.45 -1.54 0.00	23.70 -1.45 0.00	25.98 -1.42 0.00	25.28 -1.31 0.57	10.93 -1.18 15.92	8.52 -0.99 14.68	-0.23 -1.16 30.44	0.45 -1.17 31.20	0.23 -1.39 38.35	3.47 -1.32 34.03	2.92 -1.73 37.78	11.76 -2.20 31.27	24.85 -1.69 5.47	44.10 -2.21 0.00	24.98 -1.63 3.87	14.99 -1.49 10.87	15.18 -1.23 9.67
BENSHRST_27_KV_BENSHRST_1 355998	29.64 2.08 0.00	24.63 1.77 0.00	27.17 1.72 0.00	20.77 1.37 0.00	24.93 1.63 0.00	25.37 1.78 0.00	28.12 2.10 0.04	30.42 2.42 0.00	27.22 2.08 0.00	29.50 2.10 0.00	29.21 2.17 0.12	27.07 2.42 3.37	25.92 2.08 0.36	27.92 2.92 6.37	30.18 3.19 5.83	35.81 3.70 7.85	35.47 3.69 7.04	38.55 3.94 7.82	42.63 3.91 6.49	33.58 2.70 1.13	49.78 3.48 0.00	31.95 2.27 0.80	27.14 2.05 2.25	25.93 1.84 2.01
BETHLEHEM___GRP 23843	27.79 0.22 0.00	23.11 0.25 0.00	25.57 0.12 0.00	19.60 0.20 0.00	23.49 0.19 0.00	23.73 0.13 0.00	26.21 0.17 0.03	28.28 0.28 0.00	25.29 0.15 0.00	27.34 -0.06 0.00	26.87 -0.20 0.09	25.43 -0.23 2.37	21.80 -0.24 2.16	26.63 -0.27 4.47	28.11 -0.13 4.59	34.02 -0.29 5.65	33.49 -0.30 5.03	36.66 -0.18 5.59	40.39 -0.20 4.62	31.13 -0.07 0.81	45.91 -0.40 0.00	29.84 -0.07 0.57	25.75 -0.01 1.59	24.67 -0.01 1.42
BETHLEHEM___GS1 323560	27.79 0.22 0.00	23.11 0.25 0.00	25.57 0.13 0.00	19.60 0.20 0.00	23.49 0.19 0.00	23.73 0.13 0.00	26.21 0.17 0.03	28.28 0.28 0.00	25.29 0.15 0.00	27.34 -0.06 0.00	26.87 -0.20 0.09	25.44 -0.23 2.37	21.81 -0.23 2.16	26.64 -0.27 4.47	28.11 -0.13 4.59	34.03 -0.28 5.65	33.51 -0.28 5.03	36.67 -0.16 5.59	40.40 -0.20 4.62	31.13 -0.07 0.81	45.91 -0.40 0.00	29.85 -0.06 0.57	25.76 0.01 1.59	24.67 0.00 1.42
BETHLEHEM___GS2 323561	27.79 0.22 0.00	23.11 0.25 0.00	25.57 0.13 0.00	19.60 0.20 0.00	23.49 0.19 0.00	23.73 0.13 0.00	26.21 0.17 0.03	28.28 0.28 0.00	25.29 0.15 0.00	27.34 -0.06 0.00	26.87 -0.20 0.09	25.44 -0.23 2.37	21.81 -0.23 2.16	26.64 -0.27 4.47	28.11 -0.13 4.59	34.03 -0.28 5.65	33.51 -0.28 5.03	36.67 -0.16 5.59	40.40 -0.20 4.62	31.13 -0.07 0.81	45.91 -0.40 0.00	29.85 -0.06 0.57	25.76 0.01 1.59	24.67 0.00 1.42
BETHLEHEM___GS3 323562	27.79 0.22 0.00	23.11 0.25 0.00	25.57 0.13 0.00	19.60 0.20 0.00	23.49 0.19 0.00	23.73 0.13 0.00	26.21 0.17 0.03	28.28 0.28 0.00	25.29 0.15 0.00	27.34 -0.06 0.00	26.87 -0.20 0.09	25.44 -0.23 2.37	21.81 -0.23 2.16	26.64 -0.27 4.47	28.11 -0.13 4.59	34.03 -0.28 5.65	33.51 -0.28 5.03	36.67 -0.16 5.59	40.40 -0.20 4.62	31.13 -0.07 0.81	45.91 -0.40 0.00	29.85 -0.06 0.57	25.76 0.01 1.59	24.67 0.00 1.42
BETHLEHEM___STEEL 23779	26.00 -1.57 0.00	21.55 -1.31 0.00	24.15 -1.30 0.00	18.33 -1.07 0.00	22.08 -1.22 0.00	22.29 -1.31 0.00	24.17 -1.67 0.23	25.99 -2.00 0.00	23.30 -1.85 0.00	25.68 -1.72 0.00	25.07 -1.50 0.60	10.57 -1.12 16.35	8.28 -0.91 15.00	-0.69 -0.96 31.10	-0.04 -0.99 31.88	-0.35 -1.14 39.18	2.94 -1.10 34.77	2.01 -1.79 38.62	10.40 -2.66 32.16	24.16 -2.25 5.60	43.32 -2.99 0.00	24.37 -2.15 3.95	14.49 -1.82 11.04	14.79 -1.41 9.90
BETHLHEM_115KV_TB1 79974	27.85 0.29 0.00	23.16 0.30 0.00	25.63 0.18 0.00	19.64 0.24 0.00	23.55 0.25 0.00	23.79 0.19 0.00	26.28 0.24 0.03	28.34 0.34 0.00	25.35 0.21 0.00	27.41 0.01 0.00	26.97 -0.11 0.09	25.52 -0.14 2.37	21.88 -0.16 2.16	26.73 -0.17 4.48	28.20 -0.03 4.59	34.15 -0.16 5.66	33.62 -0.17 5.03	36.79 -0.04 5.59	40.53 -0.06 4.62	31.22 0.03 0.81	46.08 -0.23 0.00	29.92 0.01 0.57	25.83 0.07 1.59	24.74 0.06 1.42
BETHPAGE_CC_5 323564	29.80 2.24 0.00	24.77 1.91 0.00	27.37 1.92 0.00	20.88 1.48 0.00	25.08 1.78 0.00	25.51 1.91 0.00	28.25 2.23 0.04	30.48 2.49 0.00	27.08 1.94 0.00	29.36 1.95 0.00	29.15 2.12 0.12	26.93 2.27 3.38	23.06 2.09 3.23	27.69 2.70 6.38	29.08 2.81 6.56	35.31 3.29 7.95	34.82 3.05 7.04	38.00 3.41 7.84	42.19 3.47 6.49	33.30 2.43 1.14	49.60 3.29 0.00	31.78 2.11 0.80	27.07 1.98 2.25	25.90 1.82 2.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.09 -1.48 0.00	21.63 -1.23 0.00	24.24 -1.21 0.00	18.40 -1.00 0.00	22.16 -1.14 0.00	22.37 -1.22 0.00	24.28 -1.56 0.23	26.11 -1.88 0.00	23.42 -1.73 0.00	25.81 -1.60 0.00	25.18 -1.39 0.60	10.64 -0.99 16.40	8.33 -0.82 15.05	-0.66 -0.84 31.20	0.00 -0.85 31.98	-0.33 -0.99 39.30	2.97 -0.97 34.87	2.07 -1.62 38.74	10.50 -2.47 32.25	24.29 -2.11 5.61	43.50 -2.81 0.00	24.50 -2.02 3.96	14.58 -1.70 11.07	14.87 -1.30 9.93
BINGHAMTON___COGEN 23790	27.28 -0.28 0.00	22.63 -0.23 0.00	25.22 -0.23 0.00	19.24 -0.17 0.00	23.18 -0.12 0.00	23.41 -0.19 0.00	25.63 -0.17 0.27	27.90 -0.09 0.00	24.99 -0.15 0.00	27.17 -0.23 0.00	26.21 -0.25 0.70	9.02 -0.19 18.82	6.86 -0.19 17.15	-4.40 -0.20 35.57	-3.85 -0.22 36.46	-5.16 -0.32 44.81	-1.27 -0.32 39.77	-2.26 -0.46 44.23	7.99 -0.60 36.63	25.20 -0.40 6.41	45.70 -0.61 0.00	25.51 -0.43 4.53	14.30 -0.32 12.72	14.46 -0.29 11.34



BIXINCNT_115KV_LOAD 355685	26.35 -1.21 0.00	21.98 -0.87 0.00	24.66 -0.79 0.00	18.76 -0.64 0.00	22.65 -0.65 0.00	22.80 -0.79 0.00	24.86 -0.98 0.23	26.83 -1.16 0.00	24.08 -1.07 0.00	26.44 -0.96 0.00	25.69 -0.86 0.61	10.84 -0.53 16.66	8.37 -0.55 15.28	-0.78 -0.48 31.68	-0.20 -0.55 32.47	-0.74 -0.80 39.91	2.48 -0.92 35.42	1.71 -1.38 39.34	10.45 -2.08 32.69	24.58 -1.73 5.70	44.17 -2.14 0.00	24.97 -1.48 4.03	14.94 -1.15 11.26	15.19 -0.82 10.08
BLACK RIVER___HYD 24047	26.90 -0.66 0.00	22.26 -0.60 0.00	24.79 -0.66 0.00	18.97 -0.43 0.00	22.89 -0.41 0.00	23.13 -0.46 0.00	25.29 -0.47 0.31	27.36 -0.64 0.00	24.70 -0.44 0.00	26.79 -0.62 0.00	25.67 -0.64 0.85	4.08 -1.09 22.85	2.54 -0.88 20.78	-12.87 -1.15 43.09	-12.49 -1.15 44.16	-15.73 -1.40 54.29	-10.87 -1.51 48.18	-12.60 -1.36 53.67	-0.40 -1.13 44.48	23.80 -0.42 7.79	45.58 -0.73 0.00	24.21 -0.76 5.51	11.11 -0.78 15.46	11.53 -0.80 13.77
BLACKRVR_115KV_TB2 79977	26.90 -0.66 0.00	22.26 -0.60 0.00	24.79 -0.66 0.00	18.97 -0.43 0.00	22.89 -0.41 0.00	23.13 -0.46 0.00	25.29 -0.47 0.31	27.36 -0.63 0.00	24.70 -0.45 0.00	26.79 -0.62 0.00	25.67 -0.64 0.85	4.09 -1.09 22.85	2.54 -0.88 20.78	-12.86 -1.15 43.09	-12.48 -1.15 44.16	-15.73 -1.41 54.29	-10.87 -1.51 48.18	-12.59 -1.35 53.67	-0.40 -1.13 44.48	23.80 -0.42 7.79	45.58 -0.72 0.00	24.21 -0.76 5.51	11.12 -0.77 15.46	11.53 -0.80 13.77
BLDWN_LI_69_KV_BK4 356085	29.77 2.20 0.00	24.72 1.86 0.00	27.32 1.87 0.00	20.84 1.44 0.00	25.02 1.72 0.00	25.44 1.85 0.00	28.16 2.14 0.04	30.38 2.39 0.00	27.04 1.89 0.00	29.31 1.90 0.00	29.09 2.05 0.12	26.88 2.23 3.38	23.01 2.04 3.23	27.63 2.64 6.38	29.07 2.80 6.56	35.23 3.21 7.95	34.83 3.07 7.04	38.05 3.46 7.84	42.27 3.55 6.49	33.35 2.48 1.14	49.67 3.36 0.00	31.85 2.18 0.80	27.13 2.04 2.25	25.91 1.82 2.01
BLISS_WT_PWR 323608	26.29 -1.28 0.00	21.97 -0.89 0.00	24.65 -0.80 0.00	18.76 -0.64 0.00	22.65 -0.65 0.00	22.79 -0.81 0.00	24.84 -1.00 0.23	26.82 -1.18 0.00	24.09 -1.06 0.00	26.43 -0.97 0.00	25.67 -0.88 0.61	10.79 -0.58 16.66	8.29 -0.63 15.28	-0.80 -0.50 31.68	-0.25 -0.61 32.47	-0.89 -0.95 39.91	2.36 -1.05 35.42	1.55 -1.53 39.34	10.35 -2.18 32.69	24.52 -1.79 5.70	44.13 -2.18 0.00	24.96 -1.50 4.03	14.89 -1.20 11.26	15.16 -0.86 10.08
BLUESTONE___WT_PWR 323821	26.47 -1.09 0.00	22.10 -0.76 0.00	24.67 -0.78 0.00	18.79 -0.62 0.00	22.60 -0.70 0.00	22.80 -0.79 0.00	25.19 -0.59 0.29	28.05 0.06 0.00	25.23 0.09 0.00	27.12 -0.28 0.00	25.94 -0.61 0.61	10.78 -0.81 16.44	8.60 -0.62 14.98	-0.51 -0.83 31.05	0.31 -0.69 31.83	0.42 -0.43 39.12	3.20 -0.90 34.72	2.23 -1.60 38.60	12.15 -1.12 31.94	25.75 -0.66 5.60	45.79 -0.52 0.00	26.34 -0.18 3.96	16.03 -0.22 11.10	15.96 -0.24 9.90
BLUE_CIRC_CHEM_DRP 24182	28.06 0.50 0.00	23.31 0.45 0.00	25.85 0.40 0.00	19.79 0.39 0.00	23.76 0.46 0.00	23.97 0.38 0.00	26.47 0.43 0.03	28.50 0.50 0.00	25.45 0.31 0.00	27.53 0.12 0.00	27.04 -0.03 0.09	25.41 -0.13 2.49	21.73 -0.21 2.26	26.43 -0.24 4.70	27.93 -0.09 4.81	33.88 -0.16 5.91	33.69 0.04 5.17	36.90 0.22 5.75	40.65 0.27 4.84	31.41 0.24 0.85	46.52 0.21 0.00	30.12 0.24 0.60	25.95 0.28 1.67	24.87 0.27 1.49
BOC_GAS_DRP 24189	28.03 0.46 0.00	23.26 0.40 0.00	25.80 0.35 0.00	19.75 0.34 0.00	23.69 0.39 0.00	23.93 0.33 0.00	26.43 0.40 0.03	28.48 0.49 0.00	25.50 0.36 0.00	27.63 0.22 0.00	27.21 0.14 0.09	25.78 0.12 2.38	22.12 0.08 2.16	27.04 0.16 4.49	28.50 0.28 4.60	34.53 0.24 5.67	34.00 0.21 5.03	37.17 0.33 5.59	40.90 0.32 4.63	31.45 0.25 0.81	46.49 0.18 0.00	30.14 0.23 0.57	26.01 0.26 1.60	24.91 0.24 1.43
BOONVILLE_115KV_TB1 79983	27.54 -0.02 0.00	22.84 -0.02 0.00	25.41 -0.04 0.00	19.42 0.02 0.00	23.40 0.10 0.00	23.67 0.08 0.00	26.05 0.13 0.15	28.10 0.10 0.00	25.31 0.17 0.00	27.50 0.10 0.00	26.82 0.08 0.42	16.81 -0.02 11.20	14.01 -0.01 10.18	10.29 0.02 21.11	11.22 0.03 21.64	13.41 0.04 26.60	15.27 0.06 23.60	16.31 0.18 26.31	23.66 0.24 21.81	28.49 0.30 3.82	46.61 0.30 0.00	27.86 0.08 2.70	19.81 0.04 7.58	19.34 0.00 6.75
BORALEX_4TH_BRANCH 23824	28.71 1.14 0.00	23.79 0.93 0.00	26.20 0.75 0.00	20.17 0.76 0.00	24.10 0.80 0.00	24.30 0.71 0.00	26.91 0.87 0.03	29.17 1.17 0.00	25.98 0.83 0.00	27.93 0.53 0.00	27.24 0.16 0.09	25.69 -0.03 2.32	21.95 -0.14 2.11	26.88 -0.12 4.37	28.51 0.17 4.49	34.41 -0.02 5.54	33.74 -0.15 4.92	37.09 0.14 5.47	41.14 0.45 4.53	31.52 0.30 0.79	46.72 0.42 0.00	30.42 0.49 0.56	26.30 0.52 1.57	25.13 0.43 1.39
BOWLINE___1 23526	29.13 1.56 0.00	24.18 1.32 0.00	26.74 1.29 0.00	20.44 1.04 0.00	24.54 1.24 0.00	24.93 1.34 0.00	27.58 1.55 0.04	29.81 1.82 0.00	26.65 1.51 0.00	28.90 1.50 0.00	28.55 1.52 0.13	26.26 1.70 3.47	22.59 1.49 3.10	26.91 2.09 6.56	28.48 2.34 6.69	34.48 2.69 8.18	34.21 2.65 7.25	37.26 2.90 8.07	41.37 2.84 6.68	32.77 1.93 1.17	48.81 2.51 0.00	31.24 1.59 0.83	26.50 1.48 2.32	25.34 1.31 2.07
BOWLINE___2 23595	29.13 1.56 0.00	24.19 1.32 0.00	26.74 1.30 0.00	20.44 1.04 0.00	24.54 1.24 0.00	24.93 1.34 0.00	27.59 1.56 0.04	29.82 1.83 0.00	26.65 1.51 0.00	28.90 1.50 0.00	28.57 1.54 0.13	26.27 1.71 3.47	22.60 1.50 3.10	26.93 2.11 6.56	28.49 2.35 6.69	34.50 2.71 8.17	34.22 2.65 7.25	37.27 2.91 8.07	41.38 2.84 6.68	32.77 1.93 1.17	48.83 2.52 0.00	31.26 1.61 0.83	26.51 1.48 2.32	25.35 1.32 2.07
BRADY___115KV_TB2 356060	27.57 0.00 0.00	22.85 0.00 0.00	25.57 0.13 0.00	19.48 0.08 0.00	23.38 0.07 0.00	23.53 -0.07 0.00	25.95 -0.07 0.05	27.73 -0.26 0.00	24.91 -0.23 0.00	27.29 -0.11 0.00	27.02 0.02 0.15	23.88 -0.03 4.12	20.50 0.05 3.75	23.52 -0.08 7.77	24.70 -0.17 7.97	30.20 0.02 9.79	29.90 -0.22 8.69	32.42 -0.32 9.68	36.97 -0.22 8.03	30.49 -0.12 1.40	46.43 0.12 0.00	29.58 0.09 0.99	24.57 0.02 2.79	23.62 0.01 2.48
BRANSCOMB___SOLAR 323811	28.58 1.01 0.00	23.67 0.82 0.00	26.17 0.72 0.00	20.08 0.68 0.00	24.06 0.76 0.00	24.34 0.75 0.00	26.99 0.95 0.03	29.17 1.18 0.00	26.02 0.88 0.00	28.00 0.60 0.00	27.46 0.39 0.09	26.02 0.28 2.29	22.31 0.20 2.09	27.37 0.33 4.34	29.01 0.63 4.45	35.19 0.70 5.48	34.67 0.72 4.87	38.11 1.09 5.41	42.14 1.41 4.48	32.20 0.98 0.78	47.58 1.27 0.00	30.85 0.92 0.55	26.63 0.82 1.54	25.45 0.72 1.37
BRDGHMPT_69_KV_BK1 55812	30.15 2.59 0.00	24.99 2.14 0.00	27.60 2.16 0.00	21.08 1.67 0.00	25.32 2.02 0.00	25.78 2.19 0.00	28.58 2.56 0.04	30.84 2.84 0.00	27.28 2.14 0.00	29.46 2.06 0.00	29.22 2.19 0.12	27.34 2.68 3.38	23.58 2.61 3.23	27.91 2.91 6.38	28.85 2.58 6.56	35.26 3.25 7.95	34.97 3.20 7.04	38.48 3.89 7.84	42.88 4.16 6.49	33.73 2.86 1.14	50.11 3.81 0.00	31.98 2.31 0.80	27.15 2.06 2.25	25.87 1.79 2.01



BRENTWOD_69_KV_W. BRTWOOD 56703	29.98 2.42 0.00	24.93 2.08 0.00	27.57 2.12 0.00	21.02 1.62 0.00	25.26 1.96 0.00	25.69 2.10 0.00	28.46 2.44 0.04	30.68 2.68 0.00	27.18 2.04 0.00	29.46 2.05 0.00	29.29 2.25 0.12	27.01 2.36 3.38	23.16 2.19 3.23	27.80 2.81 6.38	29.08 2.81 6.56	35.37 3.35 7.95	34.93 3.16 7.04	38.10 3.51 7.84	42.40 3.68 6.49	33.45 2.58 1.14	49.85 3.55 0.00	31.94 2.27 0.80	27.21 2.12 2.25	26.00 1.92 2.01
BRISTLHL_115KV_TB1 79998	26.52 -1.05 0.00	21.97 -0.89 0.00	24.45 -0.99 0.00	18.65 -0.75 0.00	22.44 -0.86 0.00	22.70 -0.90 0.00	24.54 -1.01 0.52	26.90 -1.09 0.00	24.12 -1.02 0.00	26.21 -1.19 0.00	24.53 -1.18 1.45	-12.22 -1.24 39.01	-12.38 -1.10 35.47	-43.54 -1.37 73.55	-43.93 -1.37 75.39	-54.44 -1.72 92.68	-45.08 -1.65 82.25	-50.96 -1.81 91.58	-32.59 -1.92 75.89	17.44 -1.28 13.28	44.51 -1.80 0.00	19.84 -1.24 9.39	-0.15 -1.13 26.37	1.51 -1.09 23.49
BROOKHAVEN___DRP 24191	30.15 2.59 0.00	25.07 2.21 0.00	27.70 2.25 0.00	21.13 1.73 0.00	25.40 2.10 0.00	25.84 2.25 0.00	28.63 2.60 0.04	30.86 2.86 0.00	27.31 2.17 0.00	29.54 2.13 0.00	29.28 2.24 0.12	27.02 2.36 3.38	23.18 2.21 3.23	27.76 2.76 6.38	29.00 2.73 6.56	35.33 3.31 7.95	34.94 3.18 7.04	38.10 3.51 7.84	42.43 3.71 6.49	33.49 2.62 1.14	49.94 3.63 0.00	31.96 2.29 0.80	27.18 2.09 2.25	25.95 1.87 2.01
BROOKLYN_NAVY_YARD 23515	29.26 1.70 0.01	24.34 1.48 0.00	26.86 1.41 0.01	20.56 1.15 0.00	24.68 1.38 0.00	25.11 1.51 0.00	27.82 1.80 0.04	30.09 2.10 0.00	26.90 1.75 0.00	29.18 1.78 0.00	28.85 1.81 0.13	26.69 2.03 3.37	25.15 1.80 0.84	27.42 2.43 6.38	29.56 2.69 5.96	35.17 3.08 7.88	34.77 3.00 7.05	37.89 3.29 7.83	41.89 3.17 6.50	33.02 2.16 1.15	49.06 2.76 0.01	31.41 1.74 0.81	26.70 1.62 2.26	25.52 1.43 2.01
BROOKLYN___ARMY_DRP 323595	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
BROOME_2_LFGE 323671	27.28 -0.28 0.00	22.63 -0.23 0.00	25.22 -0.23 0.00	19.23 -0.17 0.00	23.18 -0.12 0.00	23.41 -0.19 0.00	25.63 -0.17 0.27	27.90 -0.09 0.00	25.00 -0.15 0.00	27.17 -0.24 0.00	26.21 -0.26 0.70	8.99 -0.22 18.82	6.83 -0.21 17.15	-4.46 -0.26 35.57	-3.91 -0.28 36.46	-5.19 -0.34 44.81	-1.31 -0.36 39.77	-2.29 -0.49 44.23	7.97 -0.61 36.63	25.19 -0.41 6.41	45.70 -0.61 0.00	25.51 -0.44 4.53	14.29 -0.34 12.72	14.45 -0.31 11.34
BROOME___LFGE 323600	27.28 -0.28 0.00	22.63 -0.23 0.00	25.22 -0.23 0.00	19.23 -0.17 0.00	23.18 -0.12 0.00	23.41 -0.19 0.00	25.63 -0.17 0.27	27.90 -0.09 0.00	25.00 -0.15 0.00	27.17 -0.24 0.00	26.21 -0.26 0.70	8.99 -0.22 18.82	6.83 -0.21 17.15	-4.46 -0.26 35.57	-3.91 -0.28 36.46	-5.19 -0.34 44.81	-1.31 -0.36 39.77	-2.29 -0.49 44.23	7.97 -0.61 36.63	25.19 -0.41 6.41	45.70 -0.61 0.00	25.51 -0.44 4.53	14.29 -0.34 12.72	14.45 -0.31 11.34
BROWNFLS_115KV_TB 3_5 80003	26.68 -0.88 0.00	22.14 -0.72 0.00	24.67 -0.78 0.00	18.90 -0.50 0.00	22.74 -0.56 0.00	22.88 -0.71 0.00	25.11 -0.81 0.15	26.92 -1.07 0.00	24.29 -0.86 0.00	26.51 -0.90 0.00	25.95 -0.80 0.41	16.13 -0.98 10.92	13.56 -0.71 9.93	9.79 -1.00 20.58	10.66 -1.07 21.10	12.80 -1.23 25.94	14.36 -1.44 23.01	15.21 -1.58 25.64	22.47 -1.50 21.25	27.40 -0.89 3.72	45.04 -1.27 0.00	26.94 -0.90 2.63	19.14 -0.83 7.39	18.71 -0.80 6.58
BROWNSV1_27_KV_LOAD 356125	29.60 2.04 0.00	24.60 1.74 0.00	27.15 1.70 0.00	20.76 1.36 0.00	24.92 1.62 0.00	25.35 1.76 0.00	28.10 2.07 0.04	30.39 2.40 0.00	27.20 2.05 0.00	29.50 2.09 0.00	29.17 2.14 0.12	27.01 2.35 3.37	25.42 2.06 0.84	27.81 2.81 6.38	29.96 3.09 5.96	35.68 3.58 7.87	35.28 3.50 7.04	38.42 3.82 7.82	42.48 3.75 6.49	33.44 2.56 1.14	49.67 3.36 0.00	31.81 2.13 0.80	27.03 1.94 2.26	25.82 1.73 2.01
BURROWS___LYONSDAL 23803	27.32 -0.25 0.00	22.66 -0.20 0.00	25.22 -0.23 0.00	19.29 -0.11 0.00	23.25 -0.05 0.00	23.51 -0.09 0.00	25.84 -0.07 0.16	27.86 -0.13 0.00	25.13 -0.02 0.00	27.30 -0.11 0.00	26.59 -0.13 0.45	15.73 -0.28 12.02	13.06 -0.21 10.93	8.46 -0.25 22.66	9.35 -0.24 23.23	11.10 -0.31 28.56	13.15 -0.32 25.34	13.96 -0.22 28.24	21.66 -0.15 23.41	27.98 0.07 4.10	46.25 -0.05 0.00	27.40 -0.19 2.90	19.00 -0.21 8.13	18.63 -0.22 7.25
CAITHNESS_CC_1 323624	30.09 2.52 0.00	25.01 2.16 0.00	27.65 2.20 0.00	21.09 1.69 0.00	25.34 2.04 0.00	25.77 2.18 0.00	28.56 2.54 0.04	30.79 2.80 0.00	27.25 2.11 0.00	29.50 2.10 0.00	29.25 2.21 0.12	26.98 2.32 3.38	23.14 2.17 3.23	27.72 2.73 6.38	28.98 2.71 6.56	35.28 3.26 7.95	34.87 3.10 7.04	38.00 3.41 7.84	42.29 3.57 6.49	33.39 2.52 1.14	49.80 3.49 0.00	31.87 2.20 0.80	27.13 2.04 2.25	25.90 1.82 2.01
CALPINE BETH_PAGE_GT4 24209	29.79 2.23 0.00	24.77 1.91 0.00	27.37 1.92 0.00	20.89 1.48 0.00	25.08 1.78 0.00	25.51 1.91 0.00	28.24 2.22 0.04	30.48 2.49 0.00	27.09 1.95 0.00	29.37 1.96 0.00	29.16 2.12 0.12	26.92 2.26 3.38	23.05 2.08 3.23	27.69 2.70 6.38	29.09 2.81 6.56	35.31 3.29 7.95	34.77 3.00 7.04	37.93 3.34 7.84	42.14 3.42 6.49	33.25 2.38 1.14	49.53 3.22 0.00	31.74 2.07 0.80	27.03 1.94 2.25	25.91 1.82 2.01
CALPINE_BETH_PAGE_GT_4 323586	29.79 2.23 0.00	24.77 1.91 0.00	27.37 1.92 0.00	20.88 1.48 0.00	25.08 1.78 0.00	25.51 1.91 0.00	28.25 2.22 0.04	30.48 2.49 0.00	27.09 1.94 0.00	29.37 1.96 0.00	29.16 2.12 0.12	26.93 2.27 3.38	23.06 2.09 3.23	27.70 2.71 6.38	29.10 2.83 6.56	35.32 3.30 7.95	34.77 3.00 7.04	37.95 3.36 7.84	42.15 3.42 6.49	33.26 2.38 1.14	49.53 3.22 0.00	31.74 2.07 0.80	27.04 1.95 2.25	25.91 1.83 2.01
CALPINE_BP_GT1 23823	29.79 2.23 0.00	24.77 1.91 0.00	27.37 1.92 0.00	20.88 1.48 0.00	25.08 1.78 0.00	25.51 1.91 0.00	28.25 2.22 0.04	30.48 2.49 0.00	27.09 1.94 0.00	29.37 1.96 0.00	29.16 2.12 0.12	26.93 2.27 3.38	23.06 2.09 3.23	27.70 2.71 6.38	29.10 2.83 6.56	35.32 3.30 7.95	34.77 3.00 7.04	37.95 3.36 7.84	42.15 3.42 6.49	33.26 2.38 1.14	49.53 3.22 0.00	31.74 2.07 0.80	27.04 1.95 2.25	25.91 1.83 2.01
CALSPAN___DRP 24200	26.00 -1.57 0.00	21.55 -1.31 0.00	24.15 -1.30 0.00	18.33 -1.07 0.00	22.08 -1.22 0.00	22.29 -1.31 0.00	24.17 -1.67 0.23	25.99 -2.00 0.00	23.30 -1.85 0.00	25.68 -1.72 0.00	25.07 -1.50 0.60	10.57 -1.12 16.35	8.28 -0.91 15.00	-0.69 -0.96 31.10	-0.04 -0.99 31.88	-0.35 -1.14 39.18	2.94 -1.10 34.77	2.01 -1.79 38.62	10.40 -2.66 32.16	24.16 -2.25 5.60	43.32 -2.99 0.00	24.37 -2.15 3.95	14.49 -1.82 11.04	14.79 -1.41 9.90



CALVERTON___SOLAR 323806	30.21 2.64 0.00	25.11 2.25 0.00	27.75 2.30 0.00	21.17 1.77 0.00	25.44 2.14 0.00	25.89 2.29 0.00	28.68 2.66 0.04	30.92 2.92 0.00	27.35 2.20 0.00	29.57 2.16 0.00	29.30 2.26 0.12	27.07 2.41 3.38	23.24 2.26 3.23	27.80 2.80 6.38	29.02 2.75 6.56	35.37 3.36 7.95	35.00 3.23 7.04	38.21 3.62 7.84	42.57 3.84 6.49	33.59 2.72 1.14	50.07 3.76 0.00	32.03 2.35 0.80	27.25 2.15 2.25	26.00 1.91 2.01
CANDIGU_WT_PWR 323617	26.11 -1.45 0.00	21.81 -1.05 0.00	24.55 -0.90 0.00	18.72 -0.68 0.00	22.51 -0.79 0.00	22.61 -0.98 0.00	24.60 -1.22 0.25	26.65 -1.34 0.00	24.04 -1.10 0.00	26.17 -1.24 0.00	25.26 -1.23 0.67	8.61 -1.26 18.16	6.43 -1.16 16.60	-4.61 -1.56 34.43	-4.20 -1.74 35.29	-5.67 -2.26 43.37	-1.95 -2.28 38.49	-3.15 -2.81 42.77	5.70 -3.07 36.44	23.90 -1.91 6.20	43.96 -2.35 0.00	24.57 -1.53 4.38	13.74 -1.33 12.28	13.98 -1.16 10.96
CARR STREET_E_SYR 24060	26.91 -0.66 0.00	22.29 -0.56 0.00	24.82 -0.63 0.00	18.93 -0.48 0.00	22.78 -0.52 0.00	23.06 -0.53 0.00	25.01 -0.61 0.45	27.34 -0.65 0.00	24.55 -0.60 0.00	26.71 -0.70 0.00	25.22 -0.71 1.23	-5.72 -0.75 33.00	-6.47 -0.67 30.00	-31.64 -0.82 62.20	-31.76 -0.83 63.76	-39.46 -1.05 78.37	-31.71 -0.97 69.55	-36.21 -1.10 77.54	-20.26 -1.19 64.28	19.94 -0.81 11.25	45.15 -1.16 0.00	21.71 -0.81 7.96	4.26 -0.74 22.34	5.48 -0.71 19.90
CARTHAGE___PAPER 23857	27.00 -0.56 0.00	22.36 -0.49 0.00	24.92 -0.53 0.00	19.08 -0.32 0.00	23.01 -0.29 0.00	23.25 -0.34 0.00	25.45 -0.35 0.27	27.45 -0.54 0.00	24.80 -0.34 0.00	26.92 -0.48 0.00	25.97 -0.45 0.74	7.22 -0.84 19.97	5.39 -0.65 18.16	-7.15 -0.87 37.65	-6.65 -0.89 38.60	-8.54 -1.06 47.44	-4.45 -1.16 42.11	-5.54 -1.07 46.90	5.49 -0.85 38.87	24.92 -0.28 6.80	45.79 -0.52 0.00	25.08 -0.59 4.81	13.22 -0.61 13.51	13.44 -0.62 12.03
CASSADAGA_WT_PWR 323784	26.76 -0.80 0.00	22.13 -0.72 0.00	24.87 -0.58 0.00	18.92 -0.48 0.00	22.81 -0.49 0.00	23.10 -0.50 0.00	25.26 -0.58 0.23	27.25 -0.75 0.00	24.43 -0.72 0.00	26.90 -0.51 0.00	26.17 -0.38 0.61	11.27 -0.15 16.61	8.85 -0.12 15.23	-0.15 0.05 31.58	0.41 -0.04 32.37	0.04 -0.14 39.78	3.40 -0.11 35.30	2.50 -0.71 39.21	11.29 -1.33 32.60	25.17 -1.16 5.68	44.87 -1.44 0.00	25.32 -1.15 4.01	15.14 -0.99 11.22	15.26 -0.79 10.05
CE_DUNWOOD___DRP 24194	29.26 1.69 0.00	24.31 1.45 0.00	26.87 1.42 0.00	20.54 1.13 0.00	24.65 1.35 0.00	25.04 1.45 0.00	27.73 1.70 0.04	29.98 1.98 0.00	26.80 1.66 0.00	29.05 1.65 0.00	28.72 1.68 0.13	26.51 1.86 3.39	22.84 1.63 2.99	27.23 2.25 6.40	28.80 2.49 6.51	34.86 2.85 7.96	34.55 2.79 7.06	37.63 3.06 7.85	41.73 3.02 6.51	32.92 2.06 1.14	48.98 2.68 0.00	31.40 1.72 0.80	26.68 1.59 2.26	25.50 1.42 2.01
CE_MILLWOOD___DRP 24193	29.20 1.64 0.00	24.27 1.41 0.00	26.82 1.37 0.00	20.50 1.10 0.00	24.61 1.31 0.00	25.00 1.41 0.00	27.68 1.65 0.04	29.92 1.93 0.00	26.75 1.61 0.00	29.00 1.59 0.00	28.66 1.62 0.13	26.43 1.79 3.40	22.75 1.57 3.02	27.13 2.18 6.42	28.70 2.41 6.54	34.73 2.75 7.99	34.43 2.70 7.09	37.50 2.96 7.88	41.60 2.92 6.53	32.86 1.99 1.14	48.89 2.58 0.00	31.34 1.67 0.81	26.61 1.53 2.27	25.44 1.37 2.02
CE_NYC2_DRP 24202	29.43 1.87 0.00	24.47 1.61 0.00	27.00 1.55 0.00	20.66 1.25 0.00	24.78 1.48 0.00	25.22 1.63 0.00	27.94 1.92 0.04	30.20 2.20 0.00	27.05 1.90 0.00	29.31 1.91 0.00	29.02 1.98 0.12	26.85 2.20 3.37	25.74 1.90 0.36	27.63 2.63 6.37	29.86 2.86 5.83	35.43 3.32 7.85	35.04 3.26 7.04	38.13 3.53 7.82	42.18 3.45 6.49	33.24 2.36 1.14	49.32 3.01 0.00	31.60 1.93 0.80	26.86 1.76 2.25	25.66 1.58 2.01
CE_NYC_DRP 24195	29.41 1.84 0.00	24.44 1.59 0.00	26.99 1.54 0.00	20.64 1.24 0.00	24.78 1.48 0.00	25.21 1.61 0.00	27.92 1.89 0.04	30.19 2.19 0.00	27.01 1.87 0.00	29.31 1.90 0.00	28.98 1.95 0.12	26.81 2.15 3.37	25.12 1.89 0.97	27.58 2.58 6.38	29.68 2.85 5.99	35.37 3.28 7.87	34.97 3.19 7.04	38.08 3.48 7.83	42.11 3.39 6.49	33.18 2.31 1.14	49.30 2.99 0.00	31.57 1.90 0.80	26.83 1.74 2.26	25.63 1.55 2.01
CHAFFEE___LFGE 323603	26.16 -1.40 0.00	21.69 -1.16 0.00	24.31 -1.14 0.00	18.45 -0.96 0.00	22.22 -1.08 0.00	22.44 -1.16 0.00	24.37 -1.47 0.23	26.21 -1.79 0.00	23.51 -1.64 0.00	25.88 -1.53 0.00	25.23 -1.33 0.60	10.57 -0.95 16.50	8.28 -0.78 15.14	-0.74 -0.72 31.40	-0.11 -0.76 32.18	-0.50 -0.92 39.55	2.89 -0.83 35.09	1.90 -1.55 38.98	10.42 -2.37 32.42	24.32 -2.04 5.65	43.64 -2.67 0.00	24.55 -1.94 3.99	14.54 -1.66 11.15	14.86 -1.25 9.99
CHATEAUG_35_KV_LOAD 355732	27.10 -0.46 0.00	22.43 -0.43 0.00	25.02 -0.43 0.00	19.10 -0.30 0.00	22.85 -0.45 0.00	23.03 -0.56 0.00	25.37 -0.66 0.04	27.03 -0.96 0.00	24.31 -0.83 0.00	26.77 -0.64 0.00	26.65 -0.41 0.10	24.80 -0.45 2.78	21.30 -0.37 2.53	25.49 -0.64 5.24	26.79 -0.67 5.38	32.63 -0.72 6.61	32.19 -0.76 5.86	35.05 -0.85 6.53	39.26 -0.54 5.41	30.59 -0.47 0.95	45.94 -0.37 0.00	29.65 -0.16 0.67	25.23 -0.23 1.88	24.24 -0.18 1.68
CHATEAUG_WT_PWR 323614	27.08 -0.48 0.00	22.41 -0.45 0.00	25.00 -0.45 0.00	19.09 -0.31 0.00	22.84 -0.46 0.00	23.02 -0.57 0.00	25.37 -0.67 0.03	27.01 -0.98 0.00	24.30 -0.84 0.00	26.74 -0.66 0.00	26.65 -0.42 0.09	25.13 -0.47 2.43	21.61 -0.38 2.21	26.17 -0.63 4.58	27.49 -0.64 4.69	33.54 -0.66 5.77	32.96 -0.74 5.12	35.90 -0.82 5.70	39.93 -0.56 4.73	30.70 -0.48 0.83	45.86 -0.45 0.00	29.70 -0.19 0.58	25.45 -0.25 1.64	24.43 -0.20 1.46
CHAT_HIGH_FALL_HYD 323578	27.10 -0.46 0.00	22.43 -0.43 0.00	25.02 -0.43 0.00	19.10 -0.30 0.00	22.85 -0.45 0.00	23.03 -0.56 0.00	25.37 -0.66 0.04	27.03 -0.96 0.00	24.31 -0.83 0.00	26.77 -0.64 0.00	26.65 -0.41 0.10	24.80 -0.45 2.78	21.30 -0.37 2.53	25.49 -0.64 5.24	26.79 -0.67 5.38	32.63 -0.72 6.61	32.19 -0.76 5.86	35.05 -0.85 6.53	39.26 -0.54 5.41	30.59 -0.47 0.95	45.94 -0.37 0.00	29.65 -0.16 0.67	25.23 -0.23 1.88	24.24 -0.18 1.68
CHAUTAUQUA___LFGE 323629	26.48 -1.09 0.00	21.91 -0.95 0.00	24.59 -0.86 0.00	18.69 -0.71 0.00	22.54 -0.76 0.00	22.77 -0.82 0.00	24.84 -1.00 0.23	26.76 -1.24 0.00	24.02 -1.12 0.00	26.40 -1.00 0.00	25.71 -0.85 0.60	10.96 -0.58 16.49	8.61 -0.46 15.13	-0.39 -0.39 31.37	0.20 -0.48 32.15	-0.14 -0.59 39.52	3.18 -0.56 35.07	2.25 -1.23 38.95	10.88 -1.92 32.41	24.76 -1.61 5.65	44.21 -2.10 0.00	24.92 -1.57 3.98	14.87 -1.34 11.14	15.06 -1.06 9.98
CHERRYST_13_KV_LD 356241	29.48 1.92 0.00	24.51 1.65 0.00	27.05 1.60 0.00	20.70 1.29 0.00	24.85 1.55 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.29 2.29 0.00	27.10 1.95 0.00	29.41 2.01 0.00	29.09 2.05 0.12	26.92 2.26 3.37	25.23 1.99 0.96	27.71 2.71 6.38	29.82 2.98 5.98	35.53 3.44 7.87	35.12 3.34 7.04	38.25 3.64 7.83	42.29 3.56 6.49	33.29 2.42 1.14	49.44 3.13 0.00	31.66 1.98 0.80	26.91 1.81 2.26	25.70 1.62 2.01



CHESTROR_138KV_BK263 355645	28.91 1.35 0.00	23.98 1.13 0.00	26.55 1.10 0.00	20.29 0.88 0.00	24.36 1.07 0.00	24.73 1.13 0.00	27.35 1.33 0.05	29.54 1.54 0.00	26.41 1.27 0.00	28.63 1.23 0.00	28.26 1.23 0.13	25.79 1.36 3.60	22.12 1.20 3.28	26.27 1.69 6.79	27.81 1.94 6.95	33.69 2.22 8.50	33.46 2.18 7.54	36.46 2.41 8.38	40.66 2.39 6.94	32.44 1.65 1.21	48.46 2.16 0.00	30.98 1.37 0.86	26.20 1.26 2.41	25.07 1.12 2.15
CH_MIDHUDSON___DRP 24192	29.16 1.59 0.00	24.17 1.31 0.00	26.74 1.29 0.00	20.43 1.03 0.00	24.53 1.23 0.00	24.89 1.30 0.00	27.53 1.50 0.04	29.72 1.73 0.00	26.60 1.45 0.00	28.81 1.41 0.00	28.42 1.38 0.12	26.24 1.50 3.29	22.51 1.31 3.00	26.97 1.81 6.21	28.52 2.05 6.35	34.60 2.40 7.77	34.30 2.37 6.89	37.43 2.67 7.66	41.52 2.66 6.35	32.73 1.83 1.11	48.70 2.39 0.00	31.23 1.54 0.78	26.57 1.43 2.21	25.41 1.28 1.96
CH_MISC_IPPS 23765	29.29 1.72 0.00	24.28 1.42 0.00	26.86 1.42 0.00	20.53 1.12 0.00	24.65 1.35 0.00	25.02 1.42 0.00	27.72 1.69 0.04	29.97 1.97 0.00	26.78 1.63 0.00	29.00 1.60 0.00	28.62 1.58 0.12	26.38 1.72 3.38	22.63 1.51 3.08	27.10 2.10 6.38	28.69 2.39 6.53	34.75 2.77 7.99	34.49 2.76 7.09	37.67 3.13 7.88	41.83 3.15 6.53	33.04 2.18 1.14	49.20 2.89 0.00	31.52 1.85 0.81	26.76 1.68 2.27	25.57 1.50 2.02
CH_RES_BVR_FALLS 23983	27.25 -0.31 0.00	22.64 -0.22 0.00	25.22 -0.23 0.00	19.24 -0.17 0.00	23.13 -0.17 0.00	23.35 -0.24 0.00	25.65 -0.40 0.03	27.42 -0.58 0.00	24.70 -0.45 0.00	26.98 -0.42 0.00	26.74 -0.36 0.07	25.71 -0.43 1.89	22.15 -0.33 1.72	27.35 -0.46 3.57	28.65 -0.53 3.65	34.85 -0.63 4.49	34.15 -0.68 3.99	37.18 -0.80 4.44	40.75 -0.78 3.68	30.85 -0.52 0.64	45.49 -0.82 0.00	29.48 -0.54 0.46	25.49 -0.58 1.28	24.43 -0.53 1.14
CH_RES_NIAGARA 23895	25.16 -2.41 0.00	20.85 -2.01 0.00	23.36 -2.09 0.00	17.71 -1.69 0.00	21.31 -1.99 0.00	21.51 -2.09 0.00	23.22 -2.63 0.22	24.87 -3.13 0.00	22.23 -2.91 0.00	24.58 -2.82 0.00	24.11 -2.47 0.58	10.09 -2.00 15.94	7.92 -1.64 14.64	-0.76 -1.78 30.36	-0.09 -1.80 31.11	-0.30 -2.03 38.24	2.95 -1.93 33.93	1.91 -2.83 37.69	9.79 -4.08 31.34	23.11 -3.43 5.46	41.64 -4.66 0.00	23.30 -3.33 3.86	13.66 -2.89 10.80	14.23 -2.20 9.65
CH_RES_SYRACUSE 23985	26.88 -0.68 0.00	22.28 -0.58 0.00	24.81 -0.64 0.00	18.90 -0.50 0.00	22.75 -0.55 0.00	23.04 -0.56 0.00	24.97 -0.63 0.47	27.29 -0.70 0.00	24.50 -0.65 0.00	26.63 -0.77 0.00	25.05 -0.80 1.31	-7.68 -0.84 34.87	-8.20 -0.75 31.65	-35.20 -0.96 65.62	-35.36 -0.93 67.26	-43.88 -1.16 82.68	-35.66 -1.10 73.37	-40.23 -1.17 81.49	-23.44 -1.20 67.46	19.37 -0.83 11.81	45.16 -1.15 0.00	21.32 -0.81 8.35	3.15 -0.75 23.44	4.49 -0.72 20.88
CLINTON_WT_PWR 323605	27.08 -0.48 0.00	22.41 -0.45 0.00	25.00 -0.45 0.00	19.09 -0.31 0.00	22.84 -0.46 0.00	23.02 -0.57 0.00	25.37 -0.67 0.03	27.01 -0.98 0.00	24.30 -0.84 0.00	26.74 -0.66 0.00	26.65 -0.42 0.09	25.13 -0.47 2.43	21.61 -0.38 2.21	26.17 -0.63 4.58	27.49 -0.64 4.69	33.54 -0.66 5.77	32.96 -0.74 5.12	35.90 -0.82 5.70	39.93 -0.56 4.73	30.70 -0.48 0.83	45.86 -0.45 0.00	29.70 -0.19 0.58	25.45 -0.25 1.64	24.43 -0.20 1.46
CLINTON___LFGE 323618	27.31 -0.26 0.00	22.54 -0.32 0.00	25.14 -0.30 0.00	19.24 -0.16 0.00	23.01 -0.29 0.00	23.23 -0.36 0.00	25.64 -0.39 0.03	27.35 -0.65 0.00	24.61 -0.54 0.00	26.99 -0.41 0.00	26.91 -0.16 0.09	25.31 -0.20 2.52	21.77 -0.14 2.29	26.29 -0.33 4.75	27.65 -0.31 4.87	33.67 -0.30 5.99	33.18 -0.32 5.31	36.19 -0.32 5.92	40.35 0.04 4.91	31.08 -0.07 0.86	46.44 0.13 0.00	30.06 0.19 0.61	25.72 0.08 1.71	24.65 0.08 1.52
COBBLENY_34_KV_TB1 80064	26.16 -1.40 0.00	21.69 -1.17 0.00	24.31 -1.14 0.00	18.45 -0.96 0.00	22.22 -1.08 0.00	22.44 -1.16 0.00	24.37 -1.47 0.23	26.21 -1.78 0.00	23.50 -1.65 0.00	25.88 -1.52 0.00	25.23 -1.33 0.60	10.60 -0.92 16.50	8.29 -0.76 15.14	-0.78 -0.76 31.40	-0.13 -0.78 32.18	-0.47 -0.89 39.55	2.87 -0.85 35.09	1.93 -1.51 38.98	10.43 -2.36 32.42	24.33 -2.03 5.65	43.63 -2.68 0.00	24.56 -1.94 3.99	14.57 -1.63 11.15	14.88 -1.23 9.99
COFFEEN___115KV_TB3 355620	27.00 -0.56 0.00	22.33 -0.52 0.00	24.87 -0.58 0.00	19.03 -0.37 0.00	22.96 -0.34 0.00	23.22 -0.37 0.00	25.41 -0.34 0.31	27.49 -0.50 0.00	24.80 -0.35 0.00	26.87 -0.53 0.00	25.72 -0.57 0.87	3.60 -1.07 23.37	2.08 -0.87 21.24	-13.81 -1.14 44.05	-13.44 -1.11 45.15	-16.90 -1.36 55.50	-11.95 -1.51 49.26	-13.70 -1.26 54.87	-1.24 -0.98 45.47	23.77 -0.28 7.96	45.86 -0.45 0.00	24.26 -0.59 5.63	10.91 -0.64 15.80	11.34 -0.67 14.08
COLDSPRG_115KV_BK1 355956	27.15 -0.42 0.00	22.47 -0.38 0.00	25.19 -0.25 0.00	19.17 -0.23 0.00	23.13 -0.16 0.00	23.42 -0.17 0.00	25.62 -0.21 0.23	27.75 -0.25 0.00	24.84 -0.31 0.00	27.32 -0.08 0.00	26.57 0.02 0.61	11.59 0.34 16.79	9.07 0.27 15.39	-0.05 0.49 31.91	0.59 0.47 32.71	0.23 0.46 40.20	3.49 0.35 35.67	2.67 -0.13 39.63	11.55 -0.77 32.89	25.48 -0.79 5.74	45.35 -0.96 0.00	25.65 -0.77 4.06	15.49 -0.51 11.34	15.65 -0.29 10.15
COLONIE_LFGE___ 323577	28.32 0.75 0.00	23.49 0.63 0.00	25.96 0.51 0.00	19.92 0.52 0.00	23.85 0.55 0.00	24.10 0.50 0.00	26.68 0.63 0.03	28.82 0.82 0.00	25.73 0.58 0.00	27.77 0.36 0.00	27.22 0.15 0.08	25.78 0.04 2.29	22.10 -0.02 2.08	27.10 0.04 4.32	28.64 0.25 4.44	34.70 0.21 5.47	34.15 0.19 4.86	37.47 0.44 5.40	41.35 0.60 4.47	31.64 0.41 0.78	46.80 0.49 0.00	30.39 0.46 0.55	26.26 0.45 1.54	25.10 0.39 1.37
COOPERNY_115KV_TB1 80082	28.48 0.92 0.00	23.63 0.77 0.00	26.20 0.76 0.00	20.01 0.61 0.00	24.04 0.74 0.00	24.37 0.78 0.00	26.93 0.91 0.05	29.07 1.08 0.00	26.03 0.88 0.00	28.24 0.84 0.00	27.84 0.84 0.15	24.84 0.93 4.12	21.25 0.82 3.76	24.74 1.16 7.79	26.17 1.33 7.98	31.69 1.51 9.78	31.62 1.48 8.68	34.42 1.64 9.65	38.81 1.59 7.99	31.71 1.10 1.40	47.73 1.43 0.00	30.40 0.91 0.99	25.42 0.85 2.78	24.37 0.75 2.48
COPENHAGEN_WT_PWR 323753	26.75 -0.81 0.00	22.13 -0.73 0.00	24.65 -0.80 0.00	18.87 -0.53 0.00	22.76 -0.54 0.00	22.98 -0.61 0.00	25.08 -0.66 0.33	27.14 -0.85 0.00	24.54 -0.61 0.00	26.63 -0.78 0.00	25.46 -0.80 0.90	2.52 -1.24 24.27	1.13 -1.00 22.07	-15.70 -1.33 45.75	-15.40 -1.33 46.90	-19.35 -1.66 57.65	-14.10 -1.75 51.16	-16.20 -1.63 56.99	-3.48 -1.46 47.23	23.08 -0.66 8.27	45.17 -1.14 0.00	23.56 -1.07 5.85	9.89 -1.04 16.41	10.46 -1.01 14.62
CORNELL_____ 23752	27.42 -0.14 0.00	22.74 -0.12 0.00	25.33 -0.12 0.00	19.30 -0.10 0.00	23.25 -0.05 0.00	23.54 -0.06 0.00	25.73 -0.01 0.33	28.06 0.07 0.00	25.14 -0.01 0.00	27.30 -0.10 0.00	26.09 -0.18 0.89	3.91 -0.24 23.88	2.18 -0.28 21.74	-14.12 -0.43 45.07	-13.79 -0.42 46.20	-17.41 -0.59 56.79	-12.23 -0.66 50.39	-14.23 -0.65 56.01	-1.57 -0.48 46.31	23.76 -0.13 8.12	46.28 -0.03 0.00	24.70 -0.04 5.74	11.18 -0.06 16.11	11.65 -0.08 14.36



CORONA_69_KV_TB1 355595	29.71 2.14 0.00	24.68 1.82 0.00	27.27 1.83 0.00	20.82 1.42 0.00	25.01 1.71 0.00	25.41 1.82 0.00	28.13 2.10 0.04	30.36 2.36 0.00	27.01 1.86 0.00	29.29 1.89 0.00	29.07 2.04 0.12	26.86 2.20 3.38	23.00 2.02 3.23	27.60 2.60 6.38	28.99 2.72 6.56	35.20 3.18 7.95	34.84 3.07 7.04	38.00 3.41 7.84	42.17 3.44 6.49	33.26 2.38 1.14	49.53 3.22 0.00	31.77 2.10 0.80	27.06 1.96 2.25	25.83 1.75 2.01
CORTLAND_115KV_TB3 80093	27.39 -0.18 0.00	22.71 -0.15 0.00	25.28 -0.17 0.00	19.28 -0.12 0.00	23.22 -0.08 0.00	23.50 -0.10 0.00	25.65 -0.07 0.35	27.97 -0.03 0.00	25.09 -0.05 0.00	27.25 -0.15 0.00	26.00 -0.20 0.96	2.02 -0.22 25.80	0.49 -0.24 23.47	-17.59 -0.31 48.66	-17.35 -0.31 49.88	-21.78 -0.43 61.31	-16.02 -0.43 54.41	-18.53 -0.42 60.54	-5.33 -0.41 50.13	23.05 -0.18 8.78	46.08 -0.23 0.00	24.09 -0.18 6.21	9.76 -0.17 17.42	10.39 -0.18 15.53
COXSACKIE___GT 23611	28.99 1.42 0.00	24.04 1.18 0.00	26.65 1.20 0.00	20.41 1.01 0.00	24.51 1.21 0.00	24.81 1.21 0.00	27.43 1.39 0.03	29.60 1.61 0.00	26.22 1.07 0.00	28.30 0.90 0.00	27.64 0.58 0.10	25.67 0.34 2.70	21.91 0.17 2.46	26.48 0.20 5.10	28.09 0.48 5.23	34.03 0.47 6.40	33.67 0.40 5.54	37.10 0.86 6.18	42.06 2.09 5.25	32.71 1.62 0.92	48.30 1.99 0.00	31.39 1.56 0.65	26.89 1.36 1.81	25.66 1.19 1.62
CPV_VALLEY___CC1 323721	28.69 1.12 0.00	23.80 0.95 0.00	26.35 0.91 0.00	20.14 0.74 0.00	24.18 0.88 0.00	24.54 0.94 0.00	27.14 1.12 0.05	29.31 1.32 0.00	26.22 1.08 0.00	28.44 1.03 0.00	28.06 1.04 0.14	25.41 1.16 3.79	21.77 1.02 3.45	25.68 1.46 7.15	27.17 1.67 7.32	32.90 1.90 8.96	32.71 1.85 7.95	35.62 2.04 8.84	39.87 1.98 7.33	32.08 1.36 1.28	48.05 1.74 0.00	30.67 1.10 0.91	25.84 1.03 2.54	24.75 0.92 2.27
CPV_VALLEY___CC2 323722	28.69 1.12 0.00	23.80 0.95 0.00	26.35 0.91 0.00	20.14 0.74 0.00	24.18 0.88 0.00	24.54 0.94 0.00	27.14 1.12 0.05	29.31 1.32 0.00	26.22 1.08 0.00	28.44 1.03 0.00	28.06 1.04 0.14	25.41 1.16 3.79	21.77 1.02 3.45	25.68 1.46 7.15	27.17 1.67 7.32	32.90 1.90 8.96	32.71 1.85 7.95	35.62 2.04 8.84	39.87 1.98 7.33	32.08 1.36 1.28	48.05 1.74 0.00	30.67 1.10 0.91	25.84 1.03 2.54	24.75 0.92 2.27
CRESCENT___HYD 24018	28.32 0.75 0.00	23.49 0.63 0.00	25.96 0.51 0.00	19.92 0.52 0.00	23.85 0.55 0.00	24.10 0.50 0.00	26.68 0.63 0.03	28.82 0.82 0.00	25.73 0.58 0.00	27.77 0.36 0.00	27.22 0.15 0.08	25.78 0.04 2.29	22.10 -0.02 2.08	27.10 0.04 4.32	28.64 0.25 4.44	34.70 0.21 5.47	34.15 0.19 4.86	37.47 0.44 5.40	41.35 0.60 4.47	31.64 0.41 0.78	46.80 0.49 0.00	30.39 0.46 0.55	26.26 0.45 1.54	25.10 0.39 1.37
CRICKET___VALLEY_CC1 323756	29.03 1.46 0.00	24.06 1.20 0.00	26.62 1.17 0.00	20.33 0.93 0.00	24.40 1.10 0.00	24.76 1.16 0.00	27.40 1.37 0.04	29.60 1.60 0.00	26.47 1.32 0.00	28.69 1.28 0.00	28.31 1.27 0.12	26.22 1.37 3.18	22.49 1.19 2.90	27.01 1.65 6.01	28.52 1.85 6.16	34.55 2.17 7.58	34.20 2.11 6.73	37.29 2.35 7.48	41.31 2.30 6.20	32.49 1.57 1.09	48.29 1.98 0.00	31.01 1.30 0.77	26.44 1.25 2.15	25.29 1.11 1.92
CRICKET___VALLEY_CC2 323757	29.03 1.46 0.00	24.06 1.20 0.00	26.62 1.17 0.00	20.33 0.93 0.00	24.40 1.10 0.00	24.76 1.16 0.00	27.40 1.37 0.04	29.60 1.60 0.00	26.47 1.32 0.00	28.69 1.28 0.00	28.31 1.27 0.12	26.22 1.37 3.18	22.49 1.19 2.90	27.01 1.65 6.01	28.52 1.85 6.16	34.55 2.17 7.58	34.20 2.11 6.73	37.29 2.35 7.48	41.31 2.30 6.20	32.49 1.57 1.09	48.29 1.98 0.00	31.01 1.30 0.77	26.44 1.25 2.15	25.29 1.11 1.92
CRICKET___VALLEY_CC3 323758	29.03 1.46 0.00	24.06 1.20 0.00	26.62 1.17 0.00	20.33 0.93 0.00	24.40 1.10 0.00	24.76 1.16 0.00	27.40 1.37 0.04	29.60 1.60 0.00	26.47 1.32 0.00	28.69 1.28 0.00	28.31 1.27 0.12	26.22 1.37 3.18	22.49 1.19 2.90	27.01 1.65 6.01	28.52 1.85 6.16	34.55 2.17 7.58	34.20 2.11 6.73	37.29 2.35 7.48	41.31 2.30 6.20	32.49 1.57 1.09	48.29 1.98 0.00	31.01 1.30 0.77	26.44 1.25 2.15	25.29 1.11 1.92
CRUCIBLE_METL_DRP 24180	26.88 -0.68 0.00	22.28 -0.58 0.00	24.80 -0.64 0.00	18.90 -0.50 0.00	22.75 -0.55 0.00	23.04 -0.56 0.00	24.97 -0.63 0.47	27.29 -0.70 0.00	24.49 -0.65 0.00	26.63 -0.77 0.00	25.05 -0.80 1.31	-7.67 -0.83 34.87	-8.19 -0.74 31.65	-35.18 -0.94 65.62	-35.35 -0.92 67.26	-43.87 -1.15 82.68	-35.67 -1.11 73.37	-40.21 -1.15 81.49	-23.44 -1.20 67.46	19.37 -0.83 11.81	45.16 -1.15 0.00	21.32 -0.81 8.35	3.16 -0.74 23.44	4.50 -0.71 20.88
DAHOWA___HYDRO 323763	28.62 1.06 0.00	23.71 0.85 0.00	26.18 0.73 0.00	20.10 0.70 0.00	24.08 0.78 0.00	24.38 0.78 0.00	27.05 1.01 0.03	29.25 1.26 0.00	26.09 0.95 0.00	28.06 0.66 0.00	27.51 0.43 0.09	26.07 0.33 2.30	22.34 0.24 2.10	27.42 0.39 4.34	29.07 0.70 4.46	35.27 0.80 5.49	34.77 0.83 4.88	38.24 1.24 5.42	42.33 1.60 4.49	32.34 1.11 0.79	47.77 1.46 0.00	30.97 1.04 0.55	26.73 0.92 1.54	25.53 0.80 1.37
DANC___LFGE 323619	26.66 -0.90 0.00	22.04 -0.82 0.00	24.54 -0.91 0.00	18.76 -0.64 0.00	22.61 -0.69 0.00	22.85 -0.74 0.00	24.85 -0.82 0.39	27.02 -0.97 0.00	24.35 -0.80 0.00	26.45 -0.95 0.00	25.10 -0.97 1.09	-2.48 -1.28 29.24	-3.46 -1.07 26.58	-25.12 -1.38 55.12	-25.06 -1.39 56.50	-31.22 -1.73 69.45	-24.57 -1.76 61.64	-27.98 -1.75 68.65	-13.35 -1.67 56.90	21.13 -0.92 9.96	44.88 -1.42 0.00	22.28 -1.16 7.04	6.48 -1.10 19.77	7.41 -1.07 17.62
DANSKAMMER___1 23586	29.29 1.72 0.00	24.28 1.42 0.00	26.86 1.42 0.00	20.53 1.12 0.00	24.65 1.35 0.00	25.02 1.42 0.00	27.72 1.69 0.04	29.97 1.97 0.00	26.78 1.63 0.00	29.00 1.60 0.00	28.62 1.58 0.12	26.38 1.72 3.38	22.63 1.51 3.08	27.10 2.10 6.38	28.69 2.39 6.53	34.75 2.77 7.99	34.49 2.76 7.09	37.67 3.13 7.88	41.83 3.15 6.53	33.04 2.18 1.14	49.20 2.89 0.00	31.52 1.85 0.81	26.76 1.68 2.27	25.57 1.50 2.02
DANSKAMMER___2 23589	29.29 1.72 0.00	24.28 1.42 0.00	26.86 1.42 0.00	20.53 1.12 0.00	24.65 1.35 0.00	25.02 1.42 0.00	27.72 1.69 0.04	29.97 1.97 0.00	26.78 1.63 0.00	29.00 1.60 0.00	28.62 1.58 0.12	26.38 1.72 3.38	22.63 1.51 3.08	27.10 2.10 6.38	28.69 2.39 6.53	34.75 2.77 7.99	34.49 2.76 7.09	37.67 3.13 7.88	41.83 3.15 6.53	33.04 2.18 1.14	49.20 2.89 0.00	31.52 1.85 0.81	26.76 1.68 2.27	25.57 1.50 2.02
DANSKAMMER___3 23590	29.29 1.72 0.00	24.28 1.42 0.00	26.86 1.42 0.00	20.53 1.12 0.00	24.65 1.35 0.00	25.02 1.42 0.00	27.72 1.69 0.04	29.97 1.97 0.00	26.78 1.63 0.00	29.00 1.60 0.00	28.62 1.58 0.12	26.38 1.72 3.38	22.63 1.51 3.08	27.10 2.10 6.38	28.69 2.39 6.53	34.75 2.77 7.99	34.49 2.76 7.09	37.67 3.13 7.88	41.83 3.15 6.53	33.04 2.18 1.14	49.20 2.89 0.00	31.52 1.85 0.81	26.76 1.68 2.27	25.57 1.50 2.02



DANSKAMMER___4 23591	29.29 1.72 0.00	24.28 1.42 0.00	26.86 1.42 0.00	20.53 1.12 0.00	24.65 1.35 0.00	25.02 1.42 0.00	27.72 1.69 0.04	29.97 1.97 0.00	26.78 1.63 0.00	29.00 1.60 0.00	28.62 1.58 0.12	26.38 1.72 3.38	22.63 1.51 3.08	27.10 2.10 6.38	28.69 2.39 6.53	34.75 2.77 7.99	34.49 2.76 7.09	37.67 3.13 7.88	41.83 3.15 6.53	33.04 2.18 1.14	49.20 2.89 0.00	31.52 1.85 0.81	26.76 1.68 2.27	25.57 1.50 2.02
DANSKAMMER___DIESEL 23592	29.29 1.72 0.00	24.28 1.42 0.00	26.86 1.42 0.00	20.52 1.12 0.00	24.65 1.35 0.00	25.02 1.42 0.00	27.72 1.69 0.04	29.97 1.97 0.00	26.78 1.64 0.00	29.00 1.60 0.00	28.62 1.58 0.12	26.37 1.71 3.38	22.62 1.50 3.08	27.08 2.08 6.38	28.67 2.37 6.53	34.72 2.75 7.99	34.48 2.75 7.09	37.67 3.12 7.88	41.83 3.15 6.53	33.04 2.17 1.14	49.20 2.89 0.00	31.52 1.85 0.81	26.75 1.68 2.27	25.57 1.50 2.02
DARBY___SOLAR 323810	28.59 1.02 0.00	23.68 0.83 0.00	26.17 0.72 0.00	20.08 0.68 0.00	24.06 0.76 0.00	24.34 0.75 0.00	27.01 0.97 0.03	29.19 1.19 0.00	26.04 0.89 0.00	28.01 0.60 0.00	27.46 0.39 0.09	26.02 0.29 2.29	22.31 0.20 2.09	27.38 0.34 4.34	29.02 0.64 4.45	35.21 0.73 5.48	34.70 0.75 4.87	38.14 1.13 5.41	42.17 1.44 4.48	32.22 1.00 0.78	47.62 1.31 0.00	30.87 0.94 0.55	26.65 0.84 1.54	25.47 0.75 1.37
DASHVILLE___HYD 23610	29.30 1.73 0.00	24.29 1.43 0.00	26.86 1.42 0.00	20.52 1.12 0.00	24.64 1.34 0.00	25.03 1.44 0.00	27.71 1.68 0.04	29.95 1.96 0.00	26.78 1.63 0.00	28.98 1.57 0.00	28.61 1.57 0.12	26.46 1.73 3.30	22.72 1.53 3.00	27.26 2.12 6.23	28.83 2.37 6.38	34.90 2.74 7.81	34.66 2.74 6.89	37.85 3.09 7.67	41.93 3.10 6.39	33.04 2.15 1.12	49.19 2.88 0.00	31.51 1.83 0.79	26.79 1.66 2.22	25.59 1.47 1.97
DELAWARE___LFGE 323621	28.05 0.49 0.00	23.27 0.41 0.00	25.90 0.46 0.00	19.77 0.37 0.00	23.79 0.49 0.00	24.02 0.43 0.00	26.36 0.57 0.28	28.95 0.96 0.00	25.72 0.58 0.00	27.95 0.55 0.00	27.30 0.52 0.39	18.19 0.56 10.40	15.21 0.49 9.48	12.45 0.73 19.66	13.47 0.79 20.15	16.08 0.88 24.76	17.71 0.87 21.97	18.88 0.89 24.44	25.83 0.86 20.24	29.08 0.61 3.54	47.12 0.81 0.00	28.51 0.54 2.51	20.83 0.51 7.02	20.31 0.48 6.26
DERFIELD_115KV_TB7 355931	27.54 -0.03 0.00	22.85 -0.01 0.00	25.40 -0.05 0.00	19.38 -0.02 0.00	23.30 0.00 0.00	23.57 -0.02 0.00	26.01 -0.02 0.04	28.02 0.02 0.00	25.12 -0.02 0.00	27.32 -0.08 0.00	26.92 -0.12 0.12	24.63 -0.13 3.27	21.12 -0.10 2.97	25.12 -0.10 6.16	26.45 -0.07 6.31	32.08 -0.12 7.76	31.84 -0.09 6.89	34.71 -0.04 7.67	38.80 -0.06 6.36	30.86 -0.04 1.11	46.19 -0.12 0.00	29.63 -0.06 0.79	25.08 -0.05 2.21	24.07 -0.05 1.97
DOGLEVILLE___HYD 23807	27.43 -0.13 0.00	22.83 -0.03 0.00	25.22 -0.23 0.00	19.29 -0.11 0.00	23.13 -0.17 0.00	23.38 -0.21 0.00	25.97 -0.06 0.04	28.12 0.12 0.00	25.05 -0.10 0.00	26.77 -0.63 0.00	25.94 -1.10 0.12	23.48 -1.29 3.27	20.01 -1.22 2.97	23.74 -1.48 6.16	25.23 -1.29 6.31	30.69 -1.51 7.76	30.77 -1.16 6.89	34.01 -0.74 7.67	38.43 -0.43 6.36	30.75 -0.15 1.11	45.99 -0.33 0.00	29.52 -0.17 0.79	25.08 -0.05 2.21	24.06 -0.07 1.97
DUNKIRK__115KV_TB_200 55889	26.44 -1.12 0.00	21.89 -0.97 0.00	24.55 -0.90 0.00	18.66 -0.74 0.00	22.50 -0.79 0.00	22.74 -0.86 0.00	24.79 -1.05 0.23	26.71 -1.29 0.00	23.95 -1.19 0.00	26.35 -1.05 0.00	25.65 -0.91 0.60	10.96 -0.59 16.48	8.62 -0.46 15.12	-0.43 -0.45 31.35	0.18 -0.51 32.13	-0.12 -0.59 39.49	3.17 -0.60 35.05	2.27 -1.23 38.93	10.86 -1.96 32.40	24.73 -1.64 5.64	44.13 -2.18 0.00	24.87 -1.63 3.98	14.88 -1.34 11.13	15.06 -1.06 9.97
DUNKIRK___1 23563	26.44 -1.12 0.00	21.89 -0.97 0.00	24.55 -0.90 0.00	18.66 -0.74 0.00	22.50 -0.79 0.00	22.74 -0.86 0.00	24.79 -1.05 0.23	26.71 -1.29 0.00	23.95 -1.19 0.00	26.35 -1.05 0.00	25.65 -0.91 0.60	10.96 -0.59 16.48	8.62 -0.46 15.12	-0.43 -0.45 31.35	0.18 -0.51 32.13	-0.12 -0.59 39.49	3.17 -0.60 35.05	2.27 -1.23 38.93	10.86 -1.96 32.40	24.73 -1.64 5.64	44.13 -2.18 0.00	24.87 -1.63 3.98	14.88 -1.34 11.13	15.06 -1.06 9.97
DUNKIRK___2 23564	26.44 -1.12 0.00	21.89 -0.97 0.00	24.55 -0.90 0.00	18.66 -0.74 0.00	22.50 -0.79 0.00	22.74 -0.86 0.00	24.79 -1.05 0.23	26.71 -1.29 0.00	23.95 -1.19 0.00	26.35 -1.05 0.00	25.65 -0.91 0.60	10.96 -0.59 16.48	8.62 -0.46 15.12	-0.43 -0.45 31.35	0.18 -0.51 32.13	-0.12 -0.59 39.49	3.17 -0.60 35.05	2.27 -1.23 38.93	10.86 -1.96 32.40	24.73 -1.64 5.64	44.13 -2.18 0.00	24.87 -1.63 3.98	14.88 -1.34 11.13	15.06 -1.06 9.97
DUNKIRK___3 23565	26.31 -1.25 0.00	21.79 -1.07 0.00	24.43 -1.02 0.00	18.57 -0.84 0.00	22.38 -0.92 0.00	22.61 -0.99 0.00	24.61 -1.23 0.23	26.51 -1.49 0.00	23.77 -1.37 0.00	26.15 -1.25 0.00	25.48 -1.08 0.60	10.84 -0.74 16.45	8.51 -0.60 15.09	-0.53 -0.61 31.29	0.09 -0.67 32.07	-0.22 -0.76 39.42	3.07 -0.77 34.98	2.17 -1.40 38.86	10.70 -2.17 32.35	24.55 -1.83 5.63	43.85 -2.46 0.00	24.71 -1.80 3.97	14.76 -1.48 11.11	14.98 -1.16 9.95
DUNKIRK___4 23566	26.31 -1.25 0.00	21.79 -1.07 0.00	24.43 -1.02 0.00	18.57 -0.84 0.00	22.38 -0.92 0.00	22.61 -0.99 0.00	24.61 -1.23 0.23	26.51 -1.49 0.00	23.77 -1.37 0.00	26.15 -1.25 0.00	25.48 -1.08 0.60	10.84 -0.74 16.45	8.51 -0.60 15.09	-0.53 -0.61 31.29	0.09 -0.67 32.07	-0.22 -0.76 39.42	3.07 -0.77 34.98	2.17 -1.40 38.86	10.70 -2.17 32.35	24.55 -1.83 5.63	43.85 -2.46 0.00	24.71 -1.80 3.97	14.76 -1.48 11.11	14.98 -1.16 9.95
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.33 1.76 0.00	24.36 1.50 0.00	26.92 1.47 0.00	20.57 1.17 0.00	24.69 1.40 0.00	25.09 1.50 0.00	27.79 1.76 0.04	30.04 2.05 0.00	26.86 1.71 0.00	29.12 1.72 0.00	28.79 1.76 0.12	26.58 1.93 3.38	22.82 1.70 3.08	27.33 2.34 6.38	28.89 2.58 6.52	34.99 2.96 7.94	34.66 2.89 7.05	37.76 3.17 7.84	41.85 3.13 6.49	33.02 2.15 1.14	49.10 2.79 0.00	31.47 1.79 0.80	26.74 1.65 2.26	25.57 1.48 2.01
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.11 1.55 0.00	24.15 1.29 0.00	26.72 1.27 0.00	20.42 1.02 0.00	24.52 1.22 0.00	24.90 1.30 0.00	27.56 1.54 0.04	29.79 1.79 0.00	26.63 1.48 0.00	28.84 1.44 0.00	28.47 1.43 0.13	26.12 1.57 3.48	22.40 1.38 3.17	26.73 1.94 6.58	28.31 2.22 6.73	34.27 2.54 8.24	34.03 2.52 7.30	37.14 2.84 8.12	41.31 2.83 6.73	32.79 1.96 1.18	48.90 2.59 0.00	31.30 1.65 0.83	26.51 1.50 2.34	25.35 1.34 2.08
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.33 1.77 0.00	24.41 1.55 0.00	26.90 1.45 0.00	20.60 1.20 0.00	24.72 1.42 0.00	25.18 1.58 0.00	27.89 1.86 0.04	30.12 2.13 0.00	26.94 1.80 0.00	29.20 1.79 0.00	28.92 1.88 0.12	26.72 2.06 3.37	25.11 1.75 0.84	27.49 2.49 6.37	29.54 2.67 5.95	35.20 3.09 7.85	34.83 3.05 7.04	37.87 3.27 7.82	41.90 3.18 6.49	33.09 2.21 1.14	49.07 2.77 0.00	31.48 1.80 0.80	26.76 1.67 2.25	25.58 1.49 2.01



E179THST_13_KV_LOAD 356214	29.45 1.89 0.00	24.49 1.64 0.00	27.00 1.55 0.00	20.67 1.27 0.00	24.81 1.51 0.00	25.26 1.66 0.00	27.99 1.96 0.04	30.23 2.24 0.00	27.05 1.91 0.00	29.32 1.91 0.00	29.05 2.01 0.12	26.85 2.20 3.37	25.22 1.87 0.84	27.64 2.64 6.37	29.70 2.83 5.95	35.40 3.29 7.85	35.02 3.24 7.04	38.09 3.48 7.82	42.11 3.39 6.49	33.24 2.36 1.14	49.30 2.99 0.00	31.62 1.95 0.80	26.88 1.79 2.25	25.68 1.60 2.01
EAST HAMPTON___GT 23717	29.74 2.18 0.00	24.60 1.75 0.00	27.15 1.70 0.00	20.74 1.34 0.00	24.90 1.60 0.00	25.38 1.79 0.00	28.14 2.11 0.04	30.39 2.39 0.00	26.90 1.76 0.00	29.02 1.62 0.00	28.82 1.79 0.12	27.26 2.61 3.38	23.63 2.66 3.23	27.66 2.66 6.38	28.29 2.01 6.56	34.63 2.61 7.95	34.36 2.59 7.04	38.11 3.52 7.84	42.44 3.72 6.49	33.36 2.49 1.14	49.44 3.13 0.00	31.50 1.82 0.80	26.70 1.61 2.25	25.42 1.34 2.01
EAST RIVER___6 23660	29.41 1.84 0.00	24.45 1.59 0.00	26.99 1.55 0.00	20.65 1.24 0.00	24.78 1.48 0.00	25.21 1.61 0.00	27.93 1.90 0.04	30.18 2.19 0.00	27.00 1.86 0.00	29.31 1.91 0.00	28.99 1.95 0.12	26.83 2.18 3.37	25.18 1.91 0.92	27.60 2.60 6.38	29.71 2.86 5.97	35.40 3.31 7.87	34.99 3.22 7.04	38.11 3.51 7.83	42.14 3.42 6.49	33.19 2.32 1.14	49.32 3.01 0.00	31.57 1.90 0.80	26.84 1.75 2.26	25.65 1.56 2.01
EAST RIVER___7 23524	29.41 1.84 0.00	24.45 1.59 0.00	26.99 1.55 0.00	20.65 1.24 0.00	24.78 1.48 0.00	25.21 1.61 0.00	27.93 1.90 0.04	30.18 2.19 0.00	27.00 1.86 0.00	29.31 1.91 0.00	28.99 1.95 0.12	26.83 2.18 3.37	25.18 1.91 0.92	27.60 2.60 6.38	29.71 2.86 5.97	35.40 3.31 7.87	34.99 3.22 7.04	38.11 3.51 7.83	42.14 3.42 6.49	33.19 2.32 1.14	49.32 3.01 0.00	31.57 1.90 0.80	26.84 1.75 2.26	25.65 1.56 2.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.26 1.69 0.00	24.31 1.45 0.00	26.87 1.42 0.00	20.54 1.13 0.00	24.65 1.35 0.00	25.04 1.45 0.00	27.73 1.70 0.04	29.98 1.98 0.00	26.80 1.66 0.00	29.05 1.65 0.00	28.72 1.68 0.13	26.51 1.86 3.39	22.84 1.63 2.99	27.23 2.25 6.40	28.80 2.49 6.51	34.86 2.85 7.96	34.55 2.79 7.06	37.63 3.06 7.85	41.73 3.02 6.51	32.92 2.06 1.14	48.98 2.68 0.00	31.40 1.72 0.80	26.68 1.59 2.26	25.50 1.42 2.01
EAST_HAMPTON___DIESEL 23722	29.66 2.10 0.00	24.53 1.67 0.00	27.07 1.62 0.00	20.68 1.28 0.00	24.83 1.53 0.00	25.30 1.71 0.00	28.06 2.03 0.04	30.30 2.31 0.00	26.82 1.68 0.00	28.94 1.54 0.00	28.73 1.70 0.12	27.23 2.57 3.38	23.61 2.65 3.23	27.60 2.60 6.38	28.18 1.91 6.56	34.50 2.48 7.95	34.24 2.47 7.04	38.00 3.41 7.84	42.33 3.60 6.49	33.28 2.40 1.14	49.30 2.99 0.00	31.39 1.72 0.80	26.61 1.52 2.25	25.34 1.26 2.01
EAST_POINT___SOLAR 323840	28.68 1.12 0.00	23.72 0.86 0.00	26.46 1.02 0.00	20.18 0.77 0.00	24.30 0.99 0.00	24.63 1.03 0.00	27.29 1.25 0.03	29.72 1.73 0.00	26.08 0.94 0.00	28.30 0.90 0.00	27.70 0.66 0.12	25.16 0.49 3.37	21.47 0.34 3.07	25.53 0.51 6.36	26.85 0.54 6.52	32.73 0.78 8.02	32.99 1.30 7.12	36.39 1.88 7.92	40.98 2.32 6.56	32.59 1.73 1.15	48.83 2.52 0.00	31.27 1.59 0.80	26.45 1.35 2.24	25.43 1.33 2.00
EAST_PULASKI___ESR 323781	26.61 -0.96 0.00	21.99 -0.86 0.00	24.48 -0.96 0.00	18.69 -0.71 0.00	22.51 -0.79 0.00	22.76 -0.83 0.00	24.66 -0.93 0.47	26.94 -1.05 0.00	24.20 -0.94 0.00	26.31 -1.09 0.00	24.74 -1.11 1.31	-8.46 -1.28 35.21	-8.91 -1.09 32.02	-36.40 -1.39 66.39	-36.63 -1.41 68.05	-45.42 -1.73 83.65	-37.13 -1.70 74.24	-42.05 -1.80 82.67	-25.11 -1.81 68.51	18.88 -1.14 11.99	44.67 -1.64 0.00	20.80 -1.20 8.48	2.42 -1.12 23.80	3.81 -1.08 21.21
EAST_RIVER___1 323558	29.41 1.84 0.00	24.44 1.59 0.00	26.99 1.55 0.00	20.65 1.24 0.00	24.78 1.48 0.00	25.21 1.61 0.00	27.92 1.89 0.04	30.19 2.19 0.00	27.01 1.87 0.00	29.31 1.90 0.00	28.98 1.95 0.12	26.83 2.17 3.37	25.13 1.90 0.97	27.59 2.60 6.38	29.70 2.86 5.99	35.39 3.30 7.87	34.97 3.19 7.04	38.10 3.49 7.83	42.12 3.40 6.49	33.19 2.32 1.14	49.30 2.99 0.00	31.57 1.90 0.80	26.83 1.74 2.26	25.63 1.55 2.01
EAST_RIVER___2 323559	29.41 1.84 0.00	24.45 1.59 0.00	26.99 1.55 0.00	20.65 1.24 0.00	24.78 1.48 0.00	25.21 1.61 0.00	27.93 1.90 0.04	30.18 2.19 0.00	27.00 1.86 0.00	29.31 1.91 0.00	28.99 1.95 0.12	26.83 2.18 3.37	25.18 1.91 0.92	27.60 2.60 6.38	29.71 2.86 5.97	35.40 3.31 7.87	34.99 3.22 7.04	38.11 3.51 7.83	42.14 3.42 6.49	33.19 2.32 1.14	49.32 3.01 0.00	31.57 1.90 0.80	26.84 1.75 2.26	25.65 1.56 2.01
EAST___DELAWARE_HYD 23607	29.26 1.70 0.00	24.26 1.40 0.00	26.87 1.42 0.00	20.52 1.11 0.00	24.64 1.35 0.00	25.02 1.43 0.00	27.73 1.70 0.05	29.95 1.96 0.00	26.75 1.61 0.00	28.95 1.54 0.00	28.51 1.49 0.14	26.00 1.62 3.65	22.30 1.44 3.33	26.45 1.98 6.91	28.04 2.28 7.07	33.89 2.58 8.66	33.73 2.59 7.67	36.89 3.00 8.54	41.24 3.11 7.08	33.02 2.25 1.24	49.40 3.10 0.00	31.56 1.96 0.87	26.64 1.75 2.46	25.45 1.55 2.19
EIGHT_POINT___WT_PWR 323820	25.80 -1.77 0.00	21.70 -1.15 0.00	24.44 -1.01 0.00	18.64 -0.76 0.00	22.44 -0.86 0.00	22.52 -1.08 0.00	24.58 -1.24 0.26	26.59 -1.40 0.00	23.99 -1.15 0.00	26.06 -1.35 0.00	25.14 -1.34 0.68	8.15 -1.39 18.49	6.02 -1.27 16.91	-5.46 -1.77 35.06	-5.17 -2.06 35.94	-6.95 -2.74 44.18	-3.22 -2.84 39.20	-4.57 -3.44 43.55	6.17 -3.60 35.45	23.54 -2.16 6.31	43.81 -2.50 0.00	24.52 -1.49 4.46	13.51 -1.34 12.50	13.72 -1.21 11.16
ELBRIDGE_115KV_TB2 80188	26.65 -0.91 0.00	22.10 -0.76 0.00	24.62 -0.84 0.00	18.74 -0.66 0.00	22.55 -0.75 0.00	22.84 -0.75 0.00	24.74 -0.86 0.47	27.00 -0.99 0.00	24.22 -0.93 0.00	26.33 -1.07 0.00	24.75 -1.10 1.31	-8.01 -1.11 34.94	-8.46 -0.97 31.68	-35.58 -1.26 65.69	-35.76 -1.26 67.33	-44.36 -1.56 82.77	-36.18 -1.54 73.46	-40.57 -1.58 81.42	-23.77 -1.65 67.34	19.05 -1.16 11.79	44.71 -1.60 0.00	21.05 -1.09 8.34	2.95 -1.00 23.40	4.31 -0.93 20.85
ELEC_TRO_TEK 24086	29.57 2.00 0.00	24.57 1.72 0.00	27.17 1.72 0.00	20.73 1.33 0.00	24.90 1.60 0.00	25.31 1.72 0.00	28.02 1.99 0.04	30.25 2.25 0.00	26.92 1.77 0.00	29.20 1.80 0.00	28.97 1.93 0.12	26.75 2.09 3.38	22.90 1.93 3.23	27.49 2.49 6.38	28.90 2.63 6.56	35.08 3.06 7.95	34.67 2.90 7.04	37.83 3.23 7.84	41.96 3.24 6.49	33.11 2.24 1.14	49.31 3.00 0.00	31.61 1.94 0.80	26.91 1.82 2.25	25.71 1.62 2.01
ELLENBURG_WT_PWR 323604	27.08 -0.48 0.00	22.41 -0.45 0.00	25.00 -0.45 0.00	19.09 -0.31 0.00	22.84 -0.46 0.00	23.02 -0.57 0.00	25.37 -0.67 0.03	27.01 -0.98 0.00	24.30 -0.84 0.00	26.74 -0.66 0.00	26.65 -0.42 0.09	25.13 -0.47 2.43	21.61 -0.38 2.21	26.17 -0.63 4.58	27.49 -0.64 4.69	33.54 -0.66 5.77	32.96 -0.74 5.12	35.90 -0.82 5.70	39.93 -0.56 4.73	30.70 -0.48 0.83	45.86 -0.45 0.00	29.70 -0.19 0.58	25.45 -0.25 1.64	24.43 -0.20 1.46



ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.84 -1.73 0.00	21.42 -1.44 0.00	24.01 -1.44 0.00	18.22 -1.18 0.00	21.94 -1.37 0.00	22.15 -1.45 0.00	24.01 -1.83 0.22	25.80 -2.20 0.00	23.12 -2.03 0.00	25.49 -1.91 0.00	24.90 -1.67 0.59	10.53 -1.28 16.22	8.26 -1.05 14.89	-0.62 -1.12 30.87	0.04 -1.15 31.64	-0.24 -1.31 38.89	3.04 -1.26 34.51	2.10 -2.00 38.33	10.38 -2.91 31.93	24.00 -2.46 5.56	43.00 -3.30 0.00	24.20 -2.36 3.92	14.40 -2.01 10.93	14.71 -1.57 9.82
EMPIRE_CC_1 323656	28.10 0.54 0.00	23.31 0.45 0.00	25.81 0.36 0.00	19.81 0.41 0.00	23.68 0.38 0.00	23.91 0.32 0.00	26.40 0.36 0.03	28.51 0.52 0.00	25.45 0.31 0.00	27.49 0.08 0.00	26.98 -0.09 0.09	25.41 -0.17 2.46	21.75 -0.21 2.24	26.53 -0.21 4.64	28.02 -0.05 4.76	33.87 -0.23 5.87	33.30 -0.30 5.21	36.48 -0.15 5.80	40.33 -0.09 4.80	31.12 -0.05 0.84	46.05 -0.26 0.00	29.91 0.03 0.59	25.80 0.12 1.66	24.75 0.13 1.48
EMPIRE_CC_2 323658	28.10 0.54 0.00	23.31 0.45 0.00	25.81 0.36 0.00	19.81 0.41 0.00	23.68 0.38 0.00	23.91 0.32 0.00	26.40 0.36 0.03	28.51 0.52 0.00	25.45 0.31 0.00	27.49 0.08 0.00	26.98 -0.09 0.09	25.41 -0.17 2.46	21.75 -0.21 2.24	26.53 -0.21 4.64	28.02 -0.05 4.76	33.87 -0.23 5.87	33.30 -0.30 5.21	36.48 -0.15 5.80	40.33 -0.09 4.80	31.12 -0.05 0.84	46.05 -0.26 0.00	29.91 0.03 0.59	25.80 0.12 1.66	24.75 0.13 1.48
ENORWICH_115KV_TB1 80156	27.52 -0.05 0.00	22.94 0.08 0.00	25.63 0.19 0.00	19.49 0.09 0.00	23.51 0.21 0.00	23.81 0.22 0.00	26.24 0.47 0.30	28.93 0.94 0.00	25.88 0.73 0.00	28.01 0.61 0.00	26.71 0.25 0.70	9.22 0.03 18.85	7.14 0.10 17.16	-3.93 0.28 35.59	-3.34 0.31 36.48	-4.77 0.10 44.84	-0.69 0.29 39.79	-1.76 0.05 44.24	9.43 0.82 36.60	26.46 0.86 6.41	47.87 1.56 0.00	26.92 0.98 4.53	15.48 0.86 12.72	15.48 0.72 11.34
ERIE_ST__34_KV_TB1-2 80199	26.27 -1.30 0.00	21.76 -1.10 0.00	24.37 -1.08 0.00	18.50 -0.90 0.00	22.29 -1.01 0.00	22.51 -1.09 0.00	24.46 -1.39 0.23	26.32 -1.67 0.00	23.60 -1.55 0.00	26.01 -1.40 0.00	25.35 -1.21 0.60	10.88 -0.76 16.39	8.53 -0.62 15.04	-0.41 -0.60 31.19	0.25 -0.61 31.97	-0.04 -0.71 39.29	3.29 -0.66 34.87	2.44 -1.26 38.73	10.94 -2.06 32.22	24.54 -1.86 5.61	43.81 -2.50 0.00	24.72 -1.80 3.96	14.81 -1.46 11.07	15.07 -1.10 9.92
ERIE_WT_PWR 323693	26.01 -1.55 0.00	21.57 -1.29 0.00	24.17 -1.28 0.00	18.34 -1.06 0.00	22.09 -1.21 0.00	22.30 -1.29 0.00	24.19 -1.65 0.23	25.99 -2.01 0.00	23.33 -1.81 0.00	25.70 -1.70 0.00	25.08 -1.49 0.60	10.56 -1.12 16.35	8.27 -0.92 15.00	-0.64 -0.91 31.10	-0.01 -0.96 31.88	-0.38 -1.17 39.18	2.94 -1.11 34.77	1.96 -1.84 38.62	10.39 -2.67 32.16	24.17 -2.24 5.60	43.33 -2.98 0.00	24.39 -2.14 3.95	14.47 -1.85 11.04	14.78 -1.42 9.90
ESPRGFLD_115KV_TB1 80157	28.11 0.54 0.00	23.29 0.43 0.00	26.05 0.60 0.00	19.83 0.42 0.00	23.88 0.58 0.00	24.16 0.57 0.00	26.81 0.77 0.03	30.07 2.08 0.00	25.83 0.68 0.00	28.24 0.83 0.00	27.81 0.85 0.21	23.34 0.91 5.60	19.89 0.79 5.10	21.90 1.10 10.57	22.99 1.00 10.84	27.86 1.22 13.33	28.31 1.33 11.83	30.59 1.32 13.16	35.76 1.44 10.90	31.17 1.07 1.91	47.93 1.62 0.00	30.15 1.01 1.34	24.45 0.87 3.76	23.62 0.88 3.35
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.39 -0.17 0.00	22.72 -0.14 0.00	25.31 -0.14 0.00	19.28 -0.12 0.00	23.23 -0.07 0.00	23.52 -0.08 0.00	25.69 -0.04 0.34	28.03 0.04 0.00	25.11 -0.04 0.00	27.27 -0.13 0.00	26.05 -0.21 0.90	3.53 -0.26 24.24	1.85 -0.29 22.06	-14.80 -0.43 45.75	-14.48 -0.42 46.89	-18.27 -0.59 57.64	-12.98 -0.64 51.15	-15.06 -0.64 56.85	-2.29 -0.49 47.02	23.60 -0.17 8.24	46.20 -0.10 0.00	24.56 -0.09 5.83	10.91 -0.09 16.35	11.40 -0.12 14.57
ETNA____115KV_TB2 80207	27.39 -0.17 0.00	22.72 -0.14 0.00	25.31 -0.14 0.00	19.28 -0.12 0.00	23.23 -0.07 0.00	23.52 -0.08 0.00	25.69 -0.04 0.34	28.03 0.04 0.00	25.11 -0.04 0.00	27.27 -0.13 0.00	26.05 -0.21 0.90	3.53 -0.26 24.24	1.85 -0.29 22.06	-14.80 -0.43 45.75	-14.48 -0.42 46.89	-18.27 -0.59 57.64	-12.98 -0.64 51.15	-15.06 -0.64 56.85	-2.29 -0.49 47.02	23.60 -0.17 8.24	46.20 -0.10 0.00	24.56 -0.09 5.83	10.91 -0.09 16.35	11.40 -0.12 14.57
EUCLID___115KV_TB2 356179	26.81 -0.75 0.00	22.22 -0.64 0.00	24.73 -0.72 0.00	18.86 -0.54 0.00	22.70 -0.61 0.00	22.96 -0.63 0.00	24.90 -0.72 0.45	27.22 -0.77 0.00	24.42 -0.72 0.00	26.59 -0.81 0.00	25.08 -0.83 1.25	-6.37 -0.87 33.53	-7.04 -0.76 30.48	-32.76 -0.94 63.20	-32.89 -0.94 64.78	-40.86 -1.19 79.63	-32.96 -1.11 70.67	-37.61 -1.23 78.81	-21.49 -1.36 65.34	19.63 -0.95 11.44	44.96 -1.35 0.00	21.46 -0.93 8.09	3.79 -0.85 22.71	5.06 -0.81 20.23
E_CANADA_CAP_HY 24051	28.30 0.73 0.00	23.42 0.56 0.00	26.17 0.73 0.00	19.94 0.54 0.00	23.98 0.68 0.00	24.28 0.69 0.00	26.83 0.79 0.03	29.37 1.37 0.00	25.77 0.63 0.00	28.09 0.69 0.00	27.66 0.64 0.15	24.73 0.61 3.92	21.14 0.52 3.57	24.68 0.72 7.40	25.87 0.64 7.59	31.55 0.93 9.34	31.71 1.19 8.29	34.57 1.36 9.22	39.16 1.58 7.63	31.87 1.20 1.34	48.10 1.80 0.00	30.67 1.12 0.93	25.69 0.97 2.62	24.83 1.08 2.34
E_CANADA_MHWK_HY 24050	27.43 -0.13 0.00	22.83 -0.03 0.00	25.22 -0.23 0.00	19.29 -0.11 0.00	23.13 -0.17 0.00	23.38 -0.21 0.00	25.97 -0.06 0.04	28.12 0.13 0.00	25.05 -0.10 0.00	26.77 -0.63 0.00	25.94 -1.10 0.12	23.48 -1.29 3.27	20.02 -1.21 2.97	23.74 -1.48 6.16	25.23 -1.29 6.31	30.69 -1.52 7.76	30.76 -1.17 6.89	34.01 -0.74 7.67	38.43 -0.43 6.36	30.75 -0.15 1.11	45.99 -0.32 0.00	29.52 -0.17 0.79	25.08 -0.05 2.21	24.06 -0.07 1.97
E_FISHKILL___LBMP 23776	29.06 1.50 0.00	24.10 1.24 0.00	26.66 1.21 0.00	20.37 0.97 0.00	24.45 1.16 0.00	24.82 1.23 0.00	27.46 1.44 0.04	29.67 1.68 0.00	26.54 1.40 0.00	28.77 1.36 0.00	28.40 1.36 0.12	26.24 1.49 3.28	22.51 1.30 2.99	26.98 1.80 6.20	28.51 2.04 6.35	34.56 2.39 7.79	34.23 2.33 6.91	37.31 2.57 7.69	41.39 2.54 6.37	32.63 1.74 1.12	48.55 2.24 0.00	31.14 1.45 0.79	26.49 1.36 2.21	25.33 1.21 1.97
FALCON___SEABRD_CC1 323796	27.33 -0.24 0.00	22.55 -0.31 0.00	25.15 -0.30 0.00	19.27 -0.14 0.00	23.02 -0.28 0.00	23.24 -0.35 0.00	25.65 -0.39 0.03	27.30 -0.70 0.00	24.58 -0.57 0.00	26.96 -0.45 0.00	26.89 -0.18 0.09	25.34 -0.22 2.47	21.79 -0.16 2.25	26.37 -0.34 4.66	27.75 -0.30 4.77	33.76 -0.33 5.87	33.25 -0.35 5.21	36.27 -0.36 5.80	40.40 0.00 4.81	31.04 -0.12 0.84	46.35 0.04 0.00	30.03 0.15 0.60	25.75 0.07 1.67	24.68 0.07 1.49
FALCON___SEABRD_CC2 323797	27.33 -0.24 0.00	22.55 -0.31 0.00	25.15 -0.30 0.00	19.27 -0.14 0.00	23.02 -0.28 0.00	23.24 -0.35 0.00	25.65 -0.39 0.03	27.30 -0.70 0.00	24.58 -0.57 0.00	26.96 -0.45 0.00	26.89 -0.18 0.09	25.34 -0.22 2.47	21.79 -0.16 2.25	26.37 -0.34 4.66	27.75 -0.30 4.77	33.76 -0.33 5.87	33.25 -0.35 5.21	36.27 -0.36 5.80	40.40 0.00 4.81	31.04 -0.12 0.84	46.35 0.04 0.00	30.03 0.15 0.60	25.75 0.07 1.67	24.68 0.07 1.49



FAR ROCKAWAY___4 23548	29.90 2.33 0.00	24.84 1.98 0.00	27.44 1.99 0.00	20.94 1.54 0.00	25.15 1.85 0.00	25.57 1.97 0.00	28.30 2.28 0.04	30.54 2.55 0.00	27.17 2.02 0.00	29.47 2.06 0.00	29.25 2.21 0.12	27.05 2.40 3.38	23.17 2.20 3.23	27.81 2.81 6.38	29.09 2.82 6.56	35.44 3.42 7.95	35.14 3.37 7.04	38.35 3.76 7.84	42.57 3.84 6.49	33.52 2.65 1.14	49.91 3.61 0.00	32.01 2.34 0.80	27.26 2.17 2.25	26.01 1.92 2.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.41 1.84 0.00	24.45 1.59 0.00	26.99 1.54 0.00	20.64 1.24 0.00	24.78 1.48 0.00	25.21 1.61 0.00	27.92 1.90 0.04	30.19 2.19 0.00	27.02 1.87 0.00	29.31 1.90 0.00	28.98 1.95 0.12	26.81 2.15 3.37	25.24 1.89 0.84	27.58 2.58 6.38	29.71 2.85 5.96	35.38 3.28 7.87	34.98 3.20 7.04	38.09 3.49 7.82	42.13 3.41 6.49	33.20 2.33 1.14	49.31 3.00 0.00	31.58 1.90 0.80	26.83 1.74 2.26	25.64 1.56 2.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.42 1.85 0.00	24.45 1.59 0.00	27.00 1.55 0.00	20.65 1.25 0.00	24.78 1.48 0.00	25.21 1.62 0.00	27.93 1.90 0.04	30.20 2.21 0.00	27.02 1.87 0.00	29.31 1.90 0.00	28.98 1.95 0.12	26.81 2.15 3.37	25.24 1.89 0.84	27.58 2.58 6.38	29.71 2.85 5.96	35.39 3.29 7.87	34.98 3.21 7.04	38.09 3.49 7.82	42.15 3.43 6.49	33.21 2.33 1.14	49.32 3.01 0.00	31.58 1.91 0.80	26.84 1.75 2.26	25.64 1.56 2.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.40 1.84 0.00	24.44 1.58 0.00	26.98 1.53 0.00	20.64 1.23 0.00	24.77 1.47 0.00	25.20 1.61 0.00	27.92 1.89 0.04	30.19 2.19 0.00	27.02 1.87 0.00	29.30 1.90 0.00	28.98 1.95 0.12	26.81 2.15 3.37	25.24 1.89 0.84	27.57 2.58 6.38	29.70 2.84 5.96	35.38 3.28 7.87	34.97 3.19 7.04	38.08 3.48 7.82	42.11 3.39 6.49	33.18 2.31 1.14	49.28 2.97 0.00	31.56 1.89 0.80	26.82 1.73 2.26	25.63 1.54 2.01
FARRAGUT___LBMP 323566	29.38 1.81 0.00	24.42 1.56 0.00	26.96 1.51 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.18 1.59 0.00	27.89 1.86 0.04	30.15 2.16 0.00	26.99 1.84 0.00	29.27 1.87 0.00	28.95 1.92 0.12	26.77 2.12 3.37	25.20 1.85 0.84	27.54 2.54 6.38	29.66 2.79 5.96	35.32 3.22 7.87	34.93 3.15 7.04	38.03 3.43 7.82	42.07 3.35 6.49	33.15 2.28 1.14	49.24 2.93 0.00	31.54 1.86 0.80	26.80 1.71 2.26	25.61 1.53 2.01
FENNER___WINDPWR 24204	27.60 0.03 0.00	22.88 0.02 0.00	25.46 0.01 0.00	19.40 0.00 0.00	23.38 0.08 0.00	23.64 0.05 0.00	25.91 0.14 0.30	28.18 0.19 0.00	25.31 0.16 0.00	27.47 0.06 0.00	26.35 0.01 0.81	6.21 -0.02 21.80	4.31 -0.06 19.83	-9.77 -0.04 41.11	-9.33 -0.02 42.14	-11.88 -0.04 51.80	-7.13 0.02 45.97	-8.60 0.16 51.18	3.06 0.26 42.42	24.82 0.24 7.43	46.65 0.34 0.00	25.40 0.17 5.25	12.74 0.13 14.74	13.04 0.08 13.13
FIBERTEK___ENERGY 23856	26.88 -0.68 0.00	22.28 -0.58 0.00	24.80 -0.64 0.00	18.90 -0.50 0.00	22.75 -0.55 0.00	23.04 -0.56 0.00	24.97 -0.63 0.47	27.29 -0.70 0.00	24.49 -0.65 0.00	26.63 -0.77 0.00	25.05 -0.80 1.31	-7.67 -0.83 34.87	-8.19 -0.74 31.65	-35.18 -0.94 65.62	-35.35 -0.92 67.26	-43.87 -1.15 82.68	-35.67 -1.11 73.37	-40.21 -1.15 81.49	-23.44 -1.20 67.46	19.37 -0.83 11.81	45.16 -1.15 0.00	21.32 -0.81 8.35	3.16 -0.74 23.44	4.50 -0.71 20.88
FITZPATRICK___ 23598	26.32 -1.25 0.00	21.82 -1.04 0.00	24.29 -1.16 0.00	18.51 -0.89 0.00	22.27 -1.03 0.00	22.53 -1.07 0.00	24.11 -1.24 0.72	26.62 -1.37 0.00	23.89 -1.25 0.00	26.02 -1.39 0.00	23.78 -1.38 2.00	-27.20 -1.42 53.81	-26.00 -1.22 48.98	-71.73 -1.54 101.57	-72.86 -1.58 104.11	-89.97 -1.95 127.98	-76.63 -1.87 113.58	-85.95 -2.06 126.32	-61.65 -2.25 104.62	12.11 -1.59 18.31	44.05 -2.26 0.00	16.00 -1.52 12.95	-10.38 -1.38 36.36	-7.59 -1.29 32.39
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.33 1.76 0.00	24.31 1.46 0.00	26.90 1.45 0.00	20.55 1.15 0.00	24.68 1.38 0.00	25.06 1.47 0.00	27.76 1.73 0.04	30.00 2.01 0.00	26.82 1.67 0.00	29.04 1.64 0.00	28.65 1.62 0.12	26.42 1.75 3.36	22.66 1.53 3.06	27.16 2.13 6.34	28.76 2.42 6.49	34.83 2.81 7.95	34.58 2.81 7.05	37.76 3.17 7.84	41.92 3.20 6.50	33.09 2.22 1.14	49.26 2.95 0.00	31.56 1.89 0.80	26.80 1.71 2.26	25.60 1.52 2.01
FORT ORANGE___ 23900	27.98 0.42 0.00	23.25 0.39 0.00	25.74 0.29 0.00	19.73 0.33 0.00	23.64 0.34 0.00	23.88 0.29 0.00	26.40 0.36 0.03	28.48 0.48 0.00	25.43 0.29 0.00	27.46 0.05 0.00	27.00 -0.08 0.09	25.54 -0.12 2.37	21.89 -0.15 2.16	26.75 -0.15 4.48	28.24 0.00 4.59	34.18 -0.12 5.66	33.68 -0.06 5.08	36.92 0.14 5.65	40.72 0.12 4.62	31.37 0.17 0.81	46.37 0.06 0.00	30.07 0.16 0.57	25.95 0.19 1.59	24.85 0.18 1.42
FORT_DRUM_COGEN 23780	26.90 -0.66 0.00	22.26 -0.60 0.00	24.79 -0.66 0.00	18.98 -0.42 0.00	22.89 -0.41 0.00	23.13 -0.46 0.00	25.30 -0.47 0.30	27.36 -0.63 0.00	24.70 -0.44 0.00	26.80 -0.61 0.00	25.70 -0.63 0.83	4.65 -1.07 22.31	3.05 -0.85 20.29	-11.81 -1.12 42.07	-11.42 -1.12 43.12	-14.41 -1.37 53.01	-9.70 -1.48 47.04	-11.30 -1.32 52.40	0.67 -1.11 43.43	23.98 -0.42 7.60	45.58 -0.72 0.00	24.35 -0.75 5.38	11.48 -0.77 15.09	11.87 -0.78 13.45
FOX_HILLS___ESR 323835	29.52 1.96 0.00	24.53 1.67 0.00	27.08 1.63 0.00	20.71 1.31 0.00	24.86 1.56 0.00	25.30 1.70 0.00	28.02 1.99 0.04	30.29 2.29 0.00	27.09 1.95 0.00	29.34 1.94 0.00	29.05 2.01 0.12	26.90 2.24 3.37	25.75 1.91 0.36	27.72 2.72 6.37	29.96 2.96 5.83	35.55 3.44 7.85	35.24 3.46 7.04	38.26 3.66 7.82	42.34 3.62 6.49	33.40 2.52 1.13	49.49 3.18 0.00	31.80 2.11 0.80	27.01 1.92 2.25	25.82 1.73 2.01
FPL_FAR_ROCK_GT1 24212	29.90 2.33 0.00	24.83 1.98 0.00	27.44 1.99 0.00	20.94 1.54 0.00	25.15 1.85 0.00	25.56 1.97 0.00	28.30 2.28 0.04	30.54 2.55 0.00	27.16 2.02 0.00	29.47 2.06 0.00	29.25 2.22 0.12	27.06 2.41 3.38	23.17 2.20 3.23	27.82 2.82 6.38	29.10 2.83 6.56	35.45 3.43 7.95	35.14 3.37 7.04	38.36 3.77 7.84	42.57 3.84 6.49	33.52 2.65 1.14	49.91 3.61 0.00	32.01 2.33 0.80	27.27 2.18 2.25	26.02 1.93 2.01
FPL_FAR_ROCK_GT2 23815	29.90 2.33 0.00	24.83 1.98 0.00	27.44 1.99 0.00	20.94 1.54 0.00	25.15 1.85 0.00	25.56 1.97 0.00	28.30 2.28 0.04	30.54 2.55 0.00	27.16 2.02 0.00	29.47 2.06 0.00	29.25 2.22 0.12	27.06 2.41 3.38	23.17 2.20 3.23	27.82 2.82 6.38	29.10 2.83 6.56	35.45 3.43 7.95	35.14 3.37 7.04	38.36 3.77 7.84	42.57 3.84 6.49	33.52 2.65 1.14	49.91 3.61 0.00	32.01 2.33 0.80	27.27 2.18 2.25	26.02 1.93 2.01
FRANKLIN_FALL_HYD 24054	27.13 -0.43 0.00	22.47 -0.39 0.00	25.09 -0.36 0.00	19.16 -0.24 0.00	22.95 -0.35 0.00	23.11 -0.48 0.00	25.47 -0.54 0.05	27.18 -0.81 0.00	24.47 -0.68 0.00	26.94 -0.47 0.00	26.80 -0.23 0.13	24.14 -0.27 3.63	20.75 -0.14 3.30	24.16 -0.37 6.84	25.41 -0.41 7.01	31.03 -0.32 8.62	30.67 -0.50 7.65	33.31 -0.60 8.52	37.79 -0.36 7.06	30.46 -0.31 1.24	46.14 -0.17 0.00	29.56 -0.04 0.87	24.77 -0.12 2.45	23.80 -0.11 2.19



FREEPORT_EQUS_GT1 23764	29.80 2.24 0.00	24.75 1.90 0.00	27.35 1.90 0.00	20.87 1.47 0.00	25.06 1.76 0.00	25.48 1.89 0.00	28.22 2.19 0.04	30.45 2.46 0.00	27.09 1.94 0.00	29.35 1.95 0.00	29.14 2.10 0.12	26.92 2.27 3.38	23.05 2.08 3.23	27.69 2.69 6.38	29.13 2.86 6.56	35.32 3.31 7.95	34.91 3.14 7.04	38.13 3.54 7.84	42.35 3.63 6.49	33.39 2.52 1.14	49.73 3.42 0.00	31.88 2.21 0.80	27.15 2.06 2.25	25.93 1.85 2.01
FREEPORT___CT2 23818	29.80 2.24 0.00	24.75 1.90 0.00	27.35 1.90 0.00	20.87 1.47 0.00	25.06 1.76 0.00	25.48 1.89 0.00	28.22 2.19 0.04	30.45 2.46 0.00	27.09 1.94 0.00	29.35 1.95 0.00	29.14 2.10 0.12	26.92 2.27 3.38	23.05 2.08 3.23	27.69 2.69 6.38	29.13 2.86 6.56	35.32 3.31 7.95	34.91 3.14 7.04	38.13 3.54 7.84	42.35 3.63 6.49	33.39 2.52 1.14	49.73 3.42 0.00	31.88 2.21 0.80	27.15 2.06 2.25	25.93 1.85 2.01
FRESHKLS_33_KV_LOAD 356253	29.55 1.98 0.00	24.55 1.70 0.00	27.11 1.66 0.00	20.74 1.34 0.00	24.90 1.60 0.00	25.34 1.74 0.00	28.04 2.01 0.04	30.30 2.31 0.00	27.07 1.93 0.00	29.33 1.93 0.00	29.04 2.01 0.12	26.88 2.22 3.37	25.73 1.89 0.36	27.71 2.72 6.37	29.95 2.96 5.83	35.55 3.44 7.85	35.27 3.49 7.04	38.26 3.65 7.82	42.37 3.65 6.49	33.43 2.55 1.13	49.52 3.21 0.00	31.86 2.17 0.80	27.06 1.97 2.25	25.88 1.79 2.01
FULTON COGEN____ 23766	26.52 -1.05 0.00	21.97 -0.89 0.00	24.45 -0.99 0.00	18.65 -0.75 0.00	22.44 -0.86 0.00	22.70 -0.90 0.00	24.54 -1.01 0.52	26.90 -1.09 0.00	24.12 -1.02 0.00	26.21 -1.19 0.00	24.53 -1.18 1.45	-12.22 -1.24 39.01	-12.38 -1.10 35.47	-43.54 -1.37 73.55	-43.93 -1.37 75.39	-54.44 -1.72 92.68	-45.08 -1.65 82.25	-50.96 -1.81 91.58	-32.59 -1.92 75.89	17.44 -1.28 13.28	44.51 -1.80 0.00	19.84 -1.24 9.39	-0.15 -1.13 26.37	1.51 -1.09 23.49
FULTON___LFGE 323630	28.56 0.99 0.00	23.64 0.78 0.00	26.34 0.89 0.00	20.09 0.69 0.00	24.18 0.88 0.00	24.48 0.89 0.00	27.11 1.07 0.03	29.49 1.50 0.00	26.02 0.87 0.00	28.04 0.63 0.00	27.35 0.31 0.12	24.98 0.17 3.22	21.29 0.03 2.94	25.40 0.11 6.09	26.78 0.20 6.25	32.93 0.65 7.69	33.09 1.10 6.83	36.34 1.51 7.59	40.85 1.92 6.28	32.36 1.46 1.10	48.41 2.10 0.00	31.05 1.34 0.77	26.35 1.15 2.15	25.30 1.12 1.91
G.F.CEMENT___DRP 24184	28.72 1.16 0.00	23.79 0.93 0.00	26.23 0.79 0.00	20.16 0.76 0.00	24.15 0.85 0.00	24.47 0.87 0.00	27.21 1.16 0.03	29.44 1.45 0.00	26.24 1.10 0.00	28.15 0.75 0.00	27.60 0.53 0.09	26.15 0.43 2.31	22.42 0.32 2.10	27.52 0.51 4.36	29.26 0.90 4.47	35.49 1.03 5.51	35.02 1.10 4.89	38.52 1.53 5.44	42.72 2.00 4.50	32.59 1.37 0.79	48.14 1.83 0.00	31.19 1.26 0.55	26.90 1.09 1.54	25.68 0.96 1.37
GARDENVILLE___LBMP 24039	25.95 -1.62 0.00	21.51 -1.35 0.00	24.11 -1.34 0.00	18.30 -1.10 0.00	22.04 -1.26 0.00	22.25 -1.35 0.00	24.14 -1.70 0.23	25.95 -2.05 0.00	23.26 -1.89 0.00	25.64 -1.77 0.00	25.02 -1.54 0.60	10.54 -1.16 16.33	8.25 -0.96 14.99	-0.72 -1.02 31.07	-0.07 -1.05 31.85	-0.40 -1.22 39.15	2.90 -1.18 34.74	1.97 -1.88 38.58	10.31 -2.75 32.16	24.10 -2.32 5.59	43.21 -3.10 0.00	24.32 -2.21 3.95	14.46 -1.86 11.02	14.75 -1.45 9.88
GARDNVLA_35_KV_LD 355827	26.03 -1.53 0.00	21.58 -1.28 0.00	24.17 -1.28 0.00	18.35 -1.05 0.00	22.10 -1.20 0.00	22.31 -1.29 0.00	24.20 -1.65 0.23	26.01 -1.98 0.00	23.33 -1.82 0.00	25.72 -1.68 0.00	25.11 -1.46 0.60	10.60 -1.08 16.35	8.31 -0.88 15.01	-0.65 -0.91 31.12	0.00 -0.94 31.89	-0.31 -1.08 39.20	2.99 -1.04 34.78	2.05 -1.74 38.63	10.46 -2.60 32.16	24.21 -2.20 5.60	43.40 -2.91 0.00	24.42 -2.11 3.95	14.51 -1.79 11.04	14.81 -1.39 9.90
GELCKHM___115KV_LOAD 80723	26.84 -0.73 0.00	22.24 -0.62 0.00	24.75 -0.70 0.00	18.87 -0.53 0.00	22.71 -0.59 0.00	22.99 -0.61 0.00	24.92 -0.69 0.46	27.24 -0.75 0.00	24.44 -0.71 0.00	26.59 -0.81 0.00	25.07 -0.81 1.28	-7.06 -0.86 34.23	-7.66 -0.77 31.09	-34.05 -0.96 64.46	-34.19 -0.95 66.08	-42.45 -1.19 81.23	-34.39 -1.12 72.09	-39.01 -1.21 80.23	-22.57 -1.32 66.47	19.47 -0.91 11.64	45.04 -1.27 0.00	21.37 -0.88 8.23	3.43 -0.81 23.10	4.74 -0.77 20.58
GENERAL___MILLS 23808	26.00 -1.57 0.00	21.55 -1.31 0.00	24.15 -1.30 0.00	18.33 -1.07 0.00	22.08 -1.22 0.00	22.29 -1.31 0.00	24.17 -1.67 0.23	25.99 -2.00 0.00	23.30 -1.85 0.00	25.68 -1.72 0.00	25.07 -1.50 0.60	10.57 -1.12 16.35	8.28 -0.91 15.00	-0.69 -0.96 31.10	-0.04 -0.99 31.88	-0.35 -1.14 39.18	2.94 -1.10 34.77	2.01 -1.79 38.62	10.40 -2.66 32.16	24.16 -2.25 5.60	43.32 -2.99 0.00	24.37 -2.15 3.95	14.49 -1.82 11.04	14.79 -1.41 9.90
GE_PLASTICS___DRP 24183	28.03 0.46 0.00	23.28 0.42 0.00	25.80 0.35 0.00	19.75 0.35 0.00	23.69 0.39 0.00	23.94 0.34 0.00	26.44 0.40 0.03	28.49 0.50 0.00	25.50 0.35 0.00	27.59 0.19 0.00	27.15 0.08 0.09	25.69 0.05 2.39	22.02 0.00 2.18	26.90 0.04 4.52	28.38 0.18 4.63	34.37 0.11 5.70	33.86 0.10 5.05	37.04 0.24 5.62	40.83 0.28 4.66	31.43 0.23 0.82	46.43 0.12 0.00	30.12 0.22 0.57	25.99 0.25 1.61	24.89 0.23 1.43
GILBOA___1 23756	28.14 0.58 0.00	23.35 0.49 0.00	25.98 0.53 0.00	19.86 0.46 0.00	23.92 0.61 0.00	24.04 0.45 0.00	26.54 0.53 0.05	28.62 0.63 0.00	25.64 0.50 0.00	27.81 0.40 0.00	27.36 0.36 0.15	24.25 0.38 4.16	20.72 0.32 3.79	23.98 0.47 7.86	25.36 0.59 8.06	30.69 0.63 9.91	30.63 0.61 8.79	33.36 0.72 9.78	37.71 0.60 8.10	31.01 0.43 1.42	46.78 0.47 0.00	29.86 0.39 1.00	24.96 0.42 2.81	23.98 0.39 2.51
GILBOA___2 23757	28.14 0.58 0.00	23.35 0.49 0.00	25.98 0.53 0.00	19.86 0.46 0.00	23.92 0.61 0.00	24.04 0.45 0.00	26.54 0.53 0.05	28.62 0.63 0.00	25.64 0.50 0.00	27.81 0.40 0.00	27.36 0.36 0.15	24.25 0.38 4.16	20.72 0.32 3.79	23.98 0.47 7.86	25.36 0.59 8.06	30.69 0.63 9.91	30.63 0.61 8.79	33.36 0.72 9.78	37.71 0.60 8.10	31.01 0.43 1.42	46.78 0.47 0.00	29.86 0.39 1.00	24.96 0.42 2.81	23.98 0.39 2.51
GILBOA___3 23758	28.14 0.58 0.00	23.35 0.49 0.00	25.98 0.53 0.00	19.86 0.46 0.00	23.92 0.61 0.00	24.04 0.45 0.00	26.54 0.53 0.05	28.62 0.63 0.00	25.64 0.50 0.00	27.81 0.40 0.00	27.36 0.36 0.15	24.25 0.38 4.16	20.72 0.32 3.79	23.98 0.47 7.86	25.36 0.59 8.06	30.69 0.63 9.91	30.63 0.61 8.79	33.36 0.72 9.78	37.71 0.60 8.10	31.01 0.43 1.42	46.78 0.47 0.00	29.86 0.39 1.00	24.96 0.42 2.81	23.98 0.39 2.51
GILBOA___4 23759	28.14 0.58 0.00	23.35 0.49 0.00	25.98 0.53 0.00	19.86 0.46 0.00	23.92 0.61 0.00	24.04 0.45 0.00	26.54 0.53 0.05	28.62 0.63 0.00	25.64 0.50 0.00	27.81 0.40 0.00	27.36 0.36 0.15	24.25 0.38 4.16	20.72 0.32 3.79	23.98 0.47 7.86	25.36 0.59 8.06	30.69 0.63 9.91	30.63 0.61 8.79	33.36 0.72 9.78	37.71 0.60 8.10	31.01 0.43 1.42	46.78 0.47 0.00	29.86 0.39 1.00	24.96 0.42 2.81	23.98 0.39 2.51



GILBOA____ 23599	28.14 0.58 0.00	23.35 0.49 0.00	25.98 0.53 0.00	19.86 0.46 0.00	23.91 0.61 0.00	24.04 0.45 0.00	26.54 0.53 0.05	28.62 0.63 0.00	25.64 0.50 0.00	27.81 0.40 0.00	27.36 0.36 0.15	24.24 0.37 4.16	20.72 0.32 3.79	23.98 0.47 7.86	25.36 0.59 8.06	30.69 0.63 9.91	30.63 0.61 8.79	33.36 0.72 9.78	37.72 0.61 8.10	31.02 0.43 1.42	46.78 0.47 0.00	29.86 0.39 1.00	24.96 0.43 2.81	23.98 0.39 2.51
GINNA____ 23603	25.21 -2.35 0.00	20.89 -1.97 0.00	23.31 -2.14 0.00	17.73 -1.67 0.00	21.34 -1.96 0.00	21.62 -1.98 0.00	23.56 -2.29 0.23	25.43 -2.56 0.00	22.79 -2.35 0.00	24.95 -2.46 0.00	24.19 -2.37 0.60	9.11 -2.37 16.55	6.98 -2.03 15.19	-2.63 -2.51 31.50	-2.06 -2.60 32.28	-2.89 -3.18 39.68	0.58 -3.03 35.21	-0.17 -3.51 39.08	8.95 -3.92 32.34	23.50 -2.85 5.66	42.36 -3.95 0.00	23.72 -2.75 4.01	13.55 -2.55 11.24	13.79 -2.29 10.01
GLEN PARK____ 23778	26.95 -0.62 0.00	22.29 -0.57 0.00	24.82 -0.63 0.00	18.99 -0.40 0.00	22.92 -0.38 0.00	23.18 -0.42 0.00	25.36 -0.40 0.31	27.43 -0.56 0.00	24.75 -0.40 0.00	26.82 -0.59 0.00	25.68 -0.61 0.87	3.69 -1.11 23.23	2.17 -0.90 21.12	-13.59 -1.17 43.80	-13.23 -1.16 44.89	-16.63 -1.42 55.19	-11.71 -1.55 48.97	-13.46 -1.33 54.55	-1.06 -1.07 45.21	23.74 -0.35 7.91	45.74 -0.57 0.00	24.22 -0.66 5.60	10.93 -0.71 15.71	11.35 -0.74 14.00
GLENDALE_27_KV_LOAD 356172	29.54 1.97 0.00	24.56 1.70 0.00	27.08 1.63 0.00	20.71 1.31 0.00	24.86 1.56 0.00	25.30 1.71 0.00	28.04 2.02 0.04	30.31 2.31 0.00	27.15 2.00 0.00	29.42 2.02 0.00	29.13 2.09 0.12	26.97 2.31 3.37	25.84 2.00 0.36	27.77 2.77 6.37	30.01 3.02 5.83	35.62 3.51 7.85	35.23 3.45 7.04	38.31 3.70 7.82	42.37 3.65 6.49	33.37 2.50 1.14	49.53 3.22 0.00	31.74 2.07 0.80	26.97 1.88 2.25	25.77 1.68 2.01
GLENWOOD_IC_1_G5 23712	29.58 2.02 0.00	24.57 1.71 0.00	27.15 1.70 0.00	20.73 1.33 0.00	24.90 1.60 0.00	25.32 1.72 0.00	28.03 2.00 0.04	30.26 2.27 0.00	27.00 1.85 0.00	29.28 1.88 0.00	29.02 1.99 0.12	26.81 2.16 3.38	22.91 1.94 3.23	27.58 2.58 6.38	29.05 2.77 6.56	35.25 3.23 7.95	34.86 3.09 7.04	38.00 3.42 7.84	42.00 3.27 6.49	33.13 2.25 1.14	49.29 2.98 0.00	31.60 1.92 0.80	26.95 1.85 2.25	25.75 1.66 2.01
GLENWOOD_IC_2_G1 23688	29.43 1.86 0.00	24.45 1.59 0.00	27.02 1.58 0.00	20.64 1.24 0.00	24.79 1.49 0.00	25.19 1.59 0.00	27.89 1.86 0.04	30.13 2.13 0.00	26.88 1.74 0.00	29.16 1.76 0.00	28.87 1.83 0.12	26.66 2.01 3.38	22.78 1.80 3.23	27.41 2.42 6.38	28.89 2.61 6.56	35.04 3.02 7.95	34.69 2.92 7.04	37.81 3.22 7.84	41.91 3.19 6.49	33.06 2.18 1.14	49.20 2.89 0.00	31.53 1.86 0.80	26.83 1.74 2.25	25.64 1.55 2.01
GLENWOOD_IC_3_G1 23689	29.43 1.86 0.00	24.45 1.59 0.00	27.02 1.58 0.00	20.64 1.24 0.00	24.79 1.49 0.00	25.19 1.59 0.00	27.89 1.86 0.04	30.13 2.13 0.00	26.88 1.74 0.00	29.16 1.76 0.00	28.87 1.83 0.12	26.66 2.01 3.38	22.78 1.80 3.23	27.41 2.42 6.38	28.89 2.61 6.56	35.04 3.02 7.95	34.69 2.92 7.04	37.81 3.22 7.84	41.91 3.19 6.49	33.06 2.18 1.14	49.20 2.89 0.00	31.53 1.86 0.80	26.83 1.74 2.25	25.64 1.55 2.01
GLENWOOD____4 23550	29.58 2.02 0.00	24.57 1.71 0.00	27.15 1.70 0.00	20.73 1.33 0.00	24.90 1.60 0.00	25.32 1.72 0.00	28.03 2.00 0.04	30.26 2.27 0.00	27.00 1.85 0.00	29.28 1.88 0.00	29.02 1.99 0.12	26.81 2.16 3.38	22.91 1.94 3.23	27.58 2.58 6.38	29.05 2.77 6.56	35.25 3.23 7.95	34.86 3.09 7.04	38.01 3.42 7.84	42.06 3.33 6.49	33.16 2.29 1.14	49.34 3.03 0.00	31.63 1.95 0.80	26.95 1.85 2.25	25.75 1.66 2.01
GLENWOOD____5 23614	29.58 2.02 0.00	24.57 1.71 0.00	27.15 1.70 0.00	20.73 1.33 0.00	24.90 1.60 0.00	25.32 1.72 0.00	28.03 2.00 0.04	30.26 2.27 0.00	27.00 1.85 0.00	29.28 1.88 0.00	29.02 1.99 0.12	26.81 2.16 3.38	22.91 1.94 3.23	27.58 2.58 6.38	29.05 2.77 6.56	35.25 3.23 7.95	34.86 3.09 7.04	38.01 3.42 7.84	42.06 3.33 6.49	33.16 2.29 1.14	49.34 3.03 0.00	31.63 1.95 0.80	26.95 1.85 2.25	25.75 1.66 2.01
GLOBAL GREEN_PORT_GT1 23814	30.03 2.46 0.00	24.87 2.01 0.00	27.45 2.01 0.00	20.97 1.57 0.00	25.18 1.88 0.00	25.65 2.06 0.00	28.45 2.42 0.04	30.72 2.72 0.00	27.17 2.03 0.00	29.33 1.93 0.00	29.10 2.06 0.12	27.35 2.69 3.38	23.64 2.67 3.23	27.86 2.87 6.38	28.67 2.40 6.56	35.08 3.06 7.95	34.78 3.01 7.04	38.42 3.83 7.84	42.80 4.07 6.49	33.65 2.78 1.14	49.94 3.63 0.00	31.84 2.17 0.80	27.02 1.93 2.25	25.74 1.65 2.01
GLOBE____DSASP 323697	25.08 -2.49 0.00	20.78 -2.08 0.00	23.29 -2.16 0.00	17.66 -1.75 0.00	21.24 -2.06 0.00	21.43 -2.16 0.00	23.14 -2.71 0.22	24.78 -3.22 0.00	22.16 -2.99 0.00	24.50 -2.90 0.00	24.03 -2.55 0.58	10.05 -2.07 15.92	7.87 -1.70 14.62	-0.80 -1.85 30.32	-0.12 -1.87 31.07	-0.36 -2.13 38.19	2.91 -2.02 33.89	1.86 -2.93 37.64	9.70 -4.21 31.30	23.00 -3.55 5.45	41.48 -4.83 0.00	23.20 -3.43 3.85	13.58 -2.97 10.80	14.18 -2.27 9.64
GOETHSLN____LBMP 323567	29.24 1.68 0.00	24.31 1.45 0.00	26.84 1.39 0.00	20.54 1.13 0.00	24.64 1.34 0.00	25.07 1.47 0.00	27.76 1.74 0.04	30.03 2.03 0.00	26.86 1.71 0.00	29.13 1.73 0.00	28.82 1.78 0.12	26.63 1.98 3.37	25.09 1.74 0.84	27.40 2.40 6.38	29.53 2.66 5.96	35.16 3.07 7.87	34.76 2.98 7.04	37.85 3.24 7.82	41.86 3.14 6.49	33.01 2.14 1.14	49.03 2.72 0.00	31.39 1.72 0.80	26.67 1.57 2.26	25.48 1.40 2.01
GOLAH____69_KV_TB 1_2 80279	26.38 -1.19 0.00	21.84 -1.01 0.00	24.39 -1.06 0.00	18.54 -0.86 0.00	22.32 -0.98 0.00	22.60 -0.99 0.00	24.62 -1.22 0.22	26.52 -1.47 0.00	23.74 -1.41 0.00	26.03 -1.37 0.00	25.30 -1.28 0.58	10.72 -1.13 16.19	8.29 -0.98 14.93	-0.70 -1.12 30.96	-0.06 -1.16 31.73	-0.42 -1.39 38.99	2.89 -1.32 34.60	2.25 -1.77 38.41	11.18 -2.24 31.79	24.76 -1.69 5.57	44.22 -2.09 0.00	25.01 -1.54 3.94	14.92 -1.38 11.05	15.14 -1.12 9.84
GOODYEAR_LAKE_HYD 323669	28.11 0.54 0.00	23.31 0.45 0.00	25.99 0.54 0.00	19.82 0.42 0.00	23.86 0.57 0.00	24.12 0.53 0.00	26.85 0.80 0.03	30.70 2.71 0.00	25.86 0.72 0.00	28.17 0.77 0.00	27.59 0.75 0.33	20.06 0.80 8.77	16.90 0.69 7.99	15.79 0.99 16.57	16.81 0.97 16.99	20.21 1.12 20.88	21.43 1.14 18.53	22.98 1.16 20.61	29.34 1.19 17.06	29.89 0.87 2.99	47.54 1.23 0.00	29.17 0.80 2.11	22.14 0.71 5.92	21.48 0.66 5.28
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.32 -0.24 0.00	22.66 -0.20 0.00	25.26 -0.19 0.00	19.26 -0.14 0.00	23.21 -0.09 0.00	23.45 -0.15 0.00	25.67 -0.13 0.27	27.93 -0.06 0.00	25.03 -0.12 0.00	27.21 -0.19 0.00	26.24 -0.22 0.70	9.07 -0.15 18.82	6.91 -0.14 17.15	-4.35 -0.16 35.56	-3.81 -0.18 36.45	-5.10 -0.26 44.81	-1.23 -0.28 39.76	-2.21 -0.42 44.22	8.02 -0.57 36.62	25.22 -0.37 6.41	45.73 -0.58 0.00	25.53 -0.41 4.53	14.33 -0.30 12.72	14.49 -0.26 11.34



GOUDEY___7 23579	27.32 -0.24 0.00	22.66 -0.20 0.00	25.26 -0.19 0.00	19.26 -0.14 0.00	23.21 -0.09 0.00	23.45 -0.15 0.00	25.67 -0.13 0.27	27.93 -0.06 0.00	25.03 -0.12 0.00	27.21 -0.19 0.00	26.24 -0.22 0.70	9.07 -0.15 18.82	6.91 -0.14 17.15	-4.35 -0.16 35.56	-3.81 -0.18 36.45	-5.10 -0.26 44.81	-1.23 -0.28 39.76	-2.21 -0.42 44.22	8.02 -0.57 36.62	25.22 -0.37 6.41	45.73 -0.58 0.00	25.53 -0.41 4.53	14.33 -0.30 12.72	14.49 -0.26 11.34
GOUDEY___8 23580	27.32 -0.24 0.00	22.66 -0.20 0.00	25.26 -0.19 0.00	19.26 -0.14 0.00	23.21 -0.09 0.00	23.45 -0.15 0.00	25.67 -0.13 0.27	27.93 -0.06 0.00	25.03 -0.12 0.00	27.21 -0.19 0.00	26.24 -0.22 0.70	9.07 -0.15 18.82	6.91 -0.14 17.15	-4.35 -0.16 35.56	-3.81 -0.18 36.45	-5.10 -0.26 44.81	-1.23 -0.28 39.76	-2.21 -0.42 44.22	8.02 -0.57 36.62	25.22 -0.37 6.41	45.73 -0.58 0.00	25.53 -0.41 4.53	14.33 -0.30 12.72	14.49 -0.26 11.34
GOWANUS_GT1_1 24077	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT1_2 24078	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT1_3 24079	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT1_4 24080	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT1_5 24084	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT1_6 24111	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT1_7 24112	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT1_8 24113	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT2_1 24114	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT2_2 24115	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT2_3 24116	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT2_4 24117	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT2_5 24118	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01



GOWANUS_GT2_6 24119	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT2_7 24120	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT2_8 24121	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT3_1 24122	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT3_2 24123	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT3_3 24124	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT3_4 24125	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT3_5 24126	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT3_6 24127	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT3_7 24128	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT3_8 24129	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
GOWANUS_GT4_1 24130	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT4_2 24131	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT4_3 24132	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT4_4 24133	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01



GOWANUS_GT4_5 24134	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT4_6 24135	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT4_7 24136	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GOWANUS_GT4_8 24137	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GREATVRV_69_KV_BK1 356245	30.21 2.65 0.00	25.11 2.25 0.00	27.75 2.30 0.00	21.16 1.76 0.00	25.43 2.13 0.00	25.88 2.28 0.00	28.67 2.65 0.04	30.91 2.92 0.00	27.40 2.25 0.00	29.66 2.25 0.00	29.45 2.41 0.12	27.18 2.52 3.38	23.30 2.33 3.23	27.99 2.99 6.38	29.30 3.03 6.56	35.70 3.69 7.95	35.28 3.51 7.04	38.51 3.92 7.84	42.86 4.14 6.49	33.79 2.92 1.14	50.35 4.04 0.00	32.24 2.57 0.80	27.44 2.35 2.25	26.19 2.11 2.01
GREENBSH_115KV_TB3 55895	27.91 0.35 0.00	23.21 0.35 0.00	25.68 0.23 0.00	19.69 0.28 0.00	23.59 0.28 0.00	23.83 0.23 0.00	26.33 0.29 0.03	28.39 0.40 0.00	25.40 0.25 0.00	27.45 0.05 0.00	26.98 -0.09 0.09	25.53 -0.13 2.37	21.88 -0.15 2.16	26.75 -0.15 4.48	28.22 -0.02 4.59	34.17 -0.14 5.66	33.64 -0.14 5.03	36.83 -0.01 5.60	40.59 -0.01 4.62	31.26 0.06 0.81	46.13 -0.18 0.00	29.97 0.06 0.57	25.86 0.11 1.59	24.77 0.09 1.42
GREENDGE_115KV_TB5 80291	26.71 -0.85 0.00	22.19 -0.67 0.00	24.81 -0.64 0.00	18.89 -0.51 0.00	22.77 -0.53 0.00	23.00 -0.60 0.00	25.13 -0.66 0.28	27.28 -0.71 0.00	24.49 -0.65 0.00	26.65 -0.75 0.00	25.62 -0.78 0.76	6.70 -0.77 20.56	4.68 -0.76 18.75	-8.59 -1.08 38.88	-8.21 -1.19 39.85	-10.55 -1.53 48.99	-6.19 -1.54 43.47	-7.62 -1.77 48.28	3.71 -1.81 39.70	23.93 -1.08 7.00	44.82 -1.48 0.00	24.64 -0.89 4.95	12.66 -0.81 13.88	12.98 -0.74 12.37
GREENIDGE___3 23582	26.71 -0.85 0.00	22.19 -0.67 0.00	24.81 -0.64 0.00	18.89 -0.51 0.00	22.77 -0.53 0.00	23.00 -0.60 0.00	25.13 -0.66 0.28	27.28 -0.71 0.00	24.49 -0.65 0.00	26.65 -0.75 0.00	25.62 -0.78 0.76	6.70 -0.77 20.56	4.68 -0.76 18.75	-8.59 -1.08 38.88	-8.21 -1.19 39.85	-10.55 -1.53 48.99	-6.19 -1.54 43.47	-7.62 -1.77 48.28	3.71 -1.81 39.70	23.93 -1.08 7.00	44.82 -1.48 0.00	24.64 -0.89 4.95	12.66 -0.81 13.88	12.98 -0.74 12.37
GREENIDGE___4 23583	26.72 -0.85 0.00	22.19 -0.67 0.00	24.81 -0.64 0.00	18.89 -0.51 0.00	22.77 -0.53 0.00	23.00 -0.60 0.00	25.13 -0.66 0.28	27.28 -0.71 0.00	24.50 -0.65 0.00	26.65 -0.75 0.00	25.62 -0.78 0.76	6.68 -0.79 20.56	4.66 -0.78 18.75	-8.60 -1.10 38.88	-8.24 -1.21 39.85	-10.57 -1.55 48.99	-6.20 -1.55 43.47	-7.65 -1.80 48.28	3.70 -1.82 39.70	23.92 -1.09 7.00	44.82 -1.49 0.00	24.63 -0.90 4.95	12.64 -0.83 13.88	12.96 -0.76 12.37
GREENLWN_69_KV_BK 3 55738	29.59 2.02 0.00	24.62 1.76 0.00	27.22 1.77 0.00	20.77 1.37 0.00	24.94 1.64 0.00	25.35 1.75 0.00	28.05 2.03 0.04	30.24 2.24 0.00	26.81 1.67 0.00	29.11 1.71 0.00	29.02 1.98 0.12	26.77 2.11 3.38	22.93 1.96 3.23	27.52 2.52 6.38	28.76 2.49 6.56	34.92 2.90 7.95	34.45 2.68 7.04	37.54 2.94 7.84	41.71 2.99 6.49	32.95 2.08 1.14	49.10 2.80 0.00	31.47 1.79 0.80	26.82 1.73 2.25	25.67 1.59 2.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01
GRISSOM___SOLAR 323813	28.59 1.03 0.00	23.67 0.81 0.00	26.35 0.91 0.00	20.11 0.71 0.00	24.19 0.89 0.00	24.50 0.91 0.00	27.12 1.07 0.03	29.45 1.46 0.00	26.02 0.88 0.00	27.94 0.54 0.00	27.19 0.14 0.11	24.91 -0.03 3.10	21.19 -0.19 2.82	25.39 -0.13 5.85	26.80 -0.03 6.00	33.07 0.49 7.38	33.26 1.01 6.56	36.55 1.42 7.29	41.05 1.87 6.03	32.38 1.43 1.06	48.34 2.03 0.00	31.05 1.31 0.73	26.42 1.13 2.06	25.35 1.09 1.84
GROVEVILLE___HYD 323602	29.33 1.76 0.00	24.31 1.46 0.00	26.90 1.45 0.00	20.55 1.15 0.00	24.68 1.38 0.00	25.06 1.47 0.00	27.76 1.73 0.04	30.00 2.01 0.00	26.82 1.67 0.00	29.04 1.64 0.00	28.65 1.62 0.12	26.42 1.75 3.36	22.66 1.53 3.06	27.16 2.13 6.34	28.76 2.42 6.49	34.83 2.81 7.95	34.58 2.81 7.05	37.76 3.17 7.84	41.92 3.20 6.50	33.09 2.22 1.14	49.26 2.95 0.00	31.56 1.89 0.80	26.80 1.71 2.26	25.60 1.52 2.01
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.88 -0.68 0.00	22.28 -0.58 0.00	24.80 -0.64 0.00	18.90 -0.50 0.00	22.75 -0.55 0.00	23.04 -0.56 0.00	24.97 -0.63 0.47	27.29 -0.70 0.00	24.49 -0.65 0.00	26.63 -0.77 0.00	25.05 -0.80 1.31	-7.67 -0.83 34.87	-8.19 -0.74 31.65	-35.18 -0.94 65.62	-35.35 -0.92 67.26	-43.87 -1.15 82.68	-35.67 -1.11 73.37	-40.21 -1.15 81.49	-23.44 -1.20 67.46	19.37 -0.83 11.81	45.16 -1.15 0.00	21.32 -0.81 8.35	3.16 -0.74 23.44	4.50 -0.71 20.88
HAMLTNNY_34_KV_TB 80303	26.76 -0.81 0.00	22.18 -0.68 0.00	24.72 -0.73 0.00	18.82 -0.58 0.00	22.65 -0.65 0.00	22.95 -0.64 0.00	24.87 -0.76 0.44	27.12 -0.87 0.00	24.31 -0.84 0.00	26.46 -0.94 0.00	24.97 -0.94 1.26	-6.17 -0.94 33.26	-6.69 -0.81 30.08	-32.06 -1.07 62.37	-32.13 -1.04 63.93	-39.88 -1.27 78.58	-32.17 -1.26 69.73	-36.20 -1.33 77.30	-20.15 -1.43 63.94	19.78 -1.03 11.19	44.89 -1.42 0.00	21.60 -0.97 7.92	4.22 -0.91 22.22	5.48 -0.82 19.79



HAMPSHIRE___PAPER_HYD 323593	26.68 -0.88 0.00	22.14 -0.72 0.00	24.67 -0.78 0.00	18.90 -0.50 0.00	22.74 -0.56 0.00	22.88 -0.71 0.00	25.11 -0.81 0.15	26.92 -1.07 0.00	24.29 -0.86 0.00	26.51 -0.90 0.00	25.95 -0.80 0.41	16.13 -0.98 10.92	13.56 -0.71 9.93	9.79 -1.00 20.58	10.66 -1.07 21.10	12.80 -1.23 25.94	14.36 -1.44 23.01	15.20 -1.58 25.64	22.46 -1.50 21.25	27.40 -0.89 3.72	45.04 -1.27 0.00	26.94 -0.90 2.63	19.14 -0.83 7.39	18.71 -0.80 6.58
HARDSCRABBLE_WT_PWR 323673	27.32 -0.25 0.00	22.73 -0.13 0.00	25.16 -0.29 0.00	19.22 -0.18 0.00	23.04 -0.26 0.00	23.31 -0.29 0.00	25.85 -0.17 0.04	27.95 -0.04 0.00	24.96 -0.19 0.00	26.79 -0.61 0.00	26.05 -0.99 0.12	23.65 -1.12 3.27	20.18 -1.05 2.97	23.95 -1.27 6.16	25.37 -1.14 6.31	30.86 -1.35 7.76	30.86 -1.08 6.89	33.97 -0.78 7.67	38.32 -0.53 6.36	30.67 -0.22 1.11	45.93 -0.38 0.00	29.47 -0.22 0.79	25.06 -0.08 2.21	24.05 -0.08 1.97
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.18 1.61 0.00	24.20 1.34 0.00	26.77 1.32 0.00	20.45 1.05 0.00	24.56 1.26 0.00	24.94 1.35 0.00	27.61 1.58 0.05	29.84 1.84 0.00	26.68 1.54 0.00	28.93 1.53 0.00	28.56 1.53 0.13	26.15 1.69 3.57	22.43 1.49 3.25	26.73 2.09 6.74	28.31 2.38 6.90	34.28 2.74 8.43	34.06 2.72 7.47	37.16 3.04 8.31	41.34 3.02 6.89	32.86 2.06 1.21	49.00 2.69 0.00	31.34 1.71 0.85	26.51 1.55 2.39	25.33 1.37 2.13
HARSNRAD_115KV_TB1 81005	25.49 -2.08 0.00	21.12 -1.73 0.00	23.67 -1.78 0.00	17.95 -1.45 0.00	21.60 -1.70 0.00	21.80 -1.79 0.00	23.58 -2.27 0.22	25.27 -2.72 0.00	22.61 -2.53 0.00	24.97 -2.44 0.00	24.46 -2.12 0.58	10.29 -1.67 16.08	8.05 -1.37 14.78	-0.74 -1.48 30.64	-0.09 -1.51 31.41	-0.35 -1.72 38.60	2.95 -1.62 34.25	1.92 -2.47 38.04	10.10 -3.48 31.63	23.49 -3.00 5.51	42.24 -4.07 0.00	23.74 -2.84 3.90	14.07 -2.37 10.91	14.49 -1.86 9.74
HARZA MOOSE___RIVER 24016	27.32 -0.25 0.00	22.66 -0.20 0.00	25.22 -0.23 0.00	19.29 -0.11 0.00	23.25 -0.05 0.00	23.51 -0.09 0.00	25.84 -0.07 0.16	27.86 -0.13 0.00	25.13 -0.02 0.00	27.30 -0.11 0.00	26.59 -0.13 0.45	15.73 -0.28 12.02	13.06 -0.21 10.93	8.46 -0.25 22.66	9.35 -0.24 23.23	11.10 -0.31 28.56	13.15 -0.32 25.34	13.96 -0.22 28.24	21.66 -0.15 23.41	27.98 0.07 4.10	46.25 -0.05 0.00	27.40 -0.19 2.90	19.00 -0.21 8.13	18.63 -0.22 7.25
HDSNBRDG_115KV_BRDG_TB1 355580	26.89 -0.67 0.00	22.29 -0.57 0.00	24.81 -0.64 0.00	18.92 -0.48 0.00	22.78 -0.52 0.00	23.05 -0.55 0.00	25.00 -0.62 0.45	27.33 -0.66 0.00	24.53 -0.62 0.00	26.70 -0.71 0.00	25.20 -0.72 1.24	-5.91 -0.76 33.19	-6.64 -0.67 30.17	-32.01 -0.83 62.56	-32.14 -0.84 64.12	-39.93 -1.07 78.83	-32.13 -0.99 69.95	-36.65 -1.10 77.97	-20.64 -1.22 64.64	19.87 -0.83 11.32	45.12 -1.19 0.00	21.65 -0.82 8.00	4.13 -0.75 22.46	5.36 -0.72 20.01
HELLGATE_13_KV_LD 55870	29.57 2.00 0.00	24.59 1.73 0.00	27.11 1.66 0.00	20.74 1.34 0.00	24.89 1.59 0.00	25.34 1.75 0.00	28.08 2.05 0.04	30.34 2.35 0.00	27.19 2.05 0.00	29.47 2.06 0.00	29.17 2.13 0.12	27.02 2.36 3.37	25.87 2.03 0.36	27.81 2.81 6.37	30.04 3.05 5.83	35.65 3.54 7.85	35.26 3.48 7.04	38.35 3.75 7.82	42.40 3.68 6.49	33.39 2.52 1.14	49.54 3.24 0.00	31.75 2.08 0.80	26.98 1.89 2.25	25.78 1.69 2.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.57 2.00 0.00	24.59 1.73 0.00	27.11 1.66 0.00	20.74 1.34 0.00	24.89 1.59 0.00	25.34 1.75 0.00	28.08 2.05 0.04	30.34 2.35 0.00	27.19 2.05 0.00	29.47 2.06 0.00	29.17 2.13 0.12	27.02 2.36 3.37	25.87 2.03 0.36	27.81 2.81 6.37	30.04 3.05 5.83	35.65 3.54 7.85	35.26 3.48 7.04	38.35 3.75 7.82	42.40 3.68 6.49	33.39 2.52 1.14	49.54 3.24 0.00	31.75 2.08 0.80	26.98 1.89 2.25	25.78 1.69 2.01
HEMPSTEAD____ 23647	29.56 2.00 0.00	24.56 1.70 0.00	27.14 1.70 0.00	20.72 1.32 0.00	24.89 1.59 0.00	25.30 1.71 0.00	28.01 1.99 0.04	30.24 2.24 0.00	26.92 1.77 0.00	29.19 1.78 0.00	28.96 1.93 0.12	26.74 2.08 3.38	22.88 1.91 3.23	27.49 2.49 6.38	28.92 2.65 6.56	35.09 3.07 7.95	34.67 2.90 7.04	37.83 3.23 7.84	41.95 3.23 6.49	33.10 2.23 1.14	49.29 2.98 0.00	31.59 1.91 0.80	26.90 1.81 2.25	25.71 1.63 2.01
HICKLING___1 23621	26.88 -0.68 0.00	22.36 -0.50 0.00	25.05 -0.40 0.00	19.10 -0.30 0.00	23.04 -0.26 0.00	23.19 -0.40 0.00	25.36 -0.44 0.27	27.52 -0.47 0.00	24.74 -0.40 0.00	26.91 -0.49 0.00	25.95 -0.50 0.71	8.32 -0.43 19.28	6.16 -0.44 17.59	-5.74 -0.64 36.48	-5.33 -0.76 37.39	-7.02 -1.03 45.96	-3.01 -1.04 40.78	-4.24 -1.34 45.33	6.25 -1.52 37.44	24.56 -0.88 6.57	45.17 -1.14 0.00	25.08 -0.76 4.64	13.70 -0.62 13.03	13.93 -0.55 11.62
HICKLING___2 23622	26.88 -0.68 0.00	22.36 -0.50 0.00	25.05 -0.40 0.00	19.10 -0.30 0.00	23.04 -0.26 0.00	23.19 -0.40 0.00	25.36 -0.44 0.27	27.52 -0.47 0.00	24.74 -0.40 0.00	26.91 -0.49 0.00	25.95 -0.50 0.71	8.32 -0.43 19.28	6.16 -0.44 17.59	-5.74 -0.64 36.48	-5.33 -0.76 37.39	-7.02 -1.03 45.96	-3.01 -1.04 40.78	-4.24 -1.34 45.33	6.25 -1.52 37.44	24.56 -0.88 6.57	45.17 -1.14 0.00	25.08 -0.76 4.64	13.70 -0.62 13.03	13.93 -0.55 11.62
HIGH FALLS___HY 23754	29.42 1.86 0.00	24.39 1.53 0.00	26.99 1.54 0.00	20.60 1.20 0.00	24.75 1.45 0.00	25.15 1.56 0.00	27.89 1.86 0.04	30.14 2.15 0.00	26.93 1.78 0.00	29.10 1.70 0.00	28.71 1.67 0.13	26.47 1.83 3.39	22.73 1.63 3.09	27.23 2.27 6.41	28.85 2.58 6.56	34.89 2.96 8.03	34.68 2.96 7.10	37.93 3.41 7.90	42.09 3.44 6.57	33.32 2.46 1.15	49.73 3.42 0.00	31.79 2.13 0.81	26.97 1.91 2.28	25.74 1.68 2.03
HIGH_RIVER___SOLAR 323847	28.35 0.78 0.00	23.49 0.64 0.00	26.10 0.65 0.00	19.95 0.54 0.00	23.96 0.66 0.00	24.24 0.65 0.00	26.81 0.77 0.03	28.93 0.94 0.00	25.70 0.56 0.00	27.69 0.29 0.00	27.07 0.01 0.10	25.26 -0.13 2.64	21.64 -0.15 2.40	26.25 -0.14 4.98	27.66 -0.06 5.11	33.73 0.06 6.29	33.72 0.49 5.59	37.12 0.90 6.21	41.32 1.24 5.14	32.03 0.93 0.90	47.53 1.22 0.00	30.69 0.83 0.62	26.34 0.74 1.75	25.24 0.70 1.56
HILLBURN___GT 23639	29.26 1.69 0.00	24.28 1.42 0.00	26.84 1.39 0.00	20.50 1.10 0.00	24.62 1.32 0.00	25.02 1.42 0.00	27.70 1.67 0.05	29.95 1.96 0.00	26.78 1.63 0.00	29.05 1.65 0.00	28.71 1.68 0.13	26.36 1.87 3.54	22.62 1.64 3.22	27.00 2.31 6.68	28.57 2.57 6.83	34.59 2.96 8.34	34.35 2.93 7.40	37.41 3.21 8.23	41.55 3.15 6.82	32.94 2.13 1.19	49.09 2.79 0.00	31.40 1.76 0.84	26.60 1.62 2.37	25.41 1.43 2.11
HILLSIDE_115KV_TB1 80332	26.76 -0.81 0.00	22.20 -0.65 0.00	24.82 -0.63 0.00	18.92 -0.48 0.00	22.83 -0.47 0.00	23.02 -0.58 0.00	25.20 -0.60 0.27	27.37 -0.62 0.00	24.60 -0.54 0.00	26.74 -0.66 0.00	25.77 -0.68 0.71	8.15 -0.58 19.30	6.08 -0.51 17.61	-5.85 -0.72 36.51	-5.43 -0.84 37.42	-7.09 -1.06 46.00	-3.11 -1.11 40.82	-4.32 -1.38 45.37	6.10 -1.62 37.49	24.36 -1.07 6.58	44.73 -1.58 0.00	24.75 -1.08 4.65	13.46 -0.85 13.04	13.68 -0.78 11.63



HISHELDN_WT_PWR 323625	25.82 -1.75 0.00	21.49 -1.37 0.00	24.12 -1.33 0.00	18.33 -1.07 0.00	22.06 -1.24 0.00	22.21 -1.39 0.00	24.09 -1.75 0.23	25.94 -2.06 0.00	23.33 -1.81 0.00	25.60 -1.80 0.00	24.88 -1.66 0.62	9.75 -1.45 16.83	7.51 -1.26 15.43	-2.07 -1.46 31.99	-1.54 -1.59 32.79	-2.31 -1.99 40.30	1.11 -1.94 35.76	0.04 -2.66 39.72	8.50 -3.34 33.38	23.78 -2.47 5.76	43.13 -3.18 0.00	24.24 -2.17 4.07	14.09 -1.87 11.38	14.38 -1.54 10.18
HOLTSVILLE_IC_1 23690	29.98 2.41 0.00	24.93 2.07 0.00	27.56 2.11 0.00	21.02 1.62 0.00	25.26 1.96 0.00	25.69 2.10 0.00	28.46 2.44 0.04	30.68 2.69 0.00	27.17 2.03 0.00	29.43 2.03 0.00	29.22 2.18 0.12	26.96 2.30 3.38	23.11 2.14 3.23	27.72 2.72 6.38	28.99 2.72 6.56	35.27 3.25 7.95	34.84 3.07 7.04	37.96 3.37 7.84	42.23 3.51 6.49	33.34 2.47 1.14	49.71 3.41 0.00	31.83 2.16 0.80	27.11 2.02 2.25	25.90 1.81 2.01
HOLTSVILLE_IC_10 23699	30.13 2.56 0.00	25.05 2.19 0.00	27.68 2.23 0.00	21.11 1.71 0.00	25.37 2.07 0.00	25.81 2.21 0.00	28.60 2.57 0.04	30.82 2.83 0.00	27.30 2.16 0.00	29.56 2.15 0.00	29.33 2.30 0.12	27.07 2.41 3.38	23.20 2.23 3.23	27.85 2.85 6.38	29.13 2.85 6.56	35.47 3.45 7.95	35.04 3.27 7.04	38.22 3.63 7.84	42.54 3.81 6.49	33.56 2.69 1.14	50.03 3.72 0.00	32.03 2.35 0.80	27.26 2.17 2.25	26.03 1.94 2.01
HOLTSVILLE_IC_2 23691	29.98 2.41 0.00	24.93 2.07 0.00	27.56 2.11 0.00	21.02 1.62 0.00	25.26 1.96 0.00	25.69 2.10 0.00	28.46 2.44 0.04	30.68 2.69 0.00	27.17 2.03 0.00	29.43 2.03 0.00	29.22 2.18 0.12	26.96 2.30 3.38	23.11 2.14 3.23	27.72 2.72 6.38	28.99 2.72 6.56	35.27 3.25 7.95	34.84 3.07 7.04	37.96 3.37 7.84	42.23 3.51 6.49	33.34 2.47 1.14	49.71 3.41 0.00	31.83 2.16 0.80	27.11 2.02 2.25	25.90 1.81 2.01
HOLTSVILLE_IC_3 23692	29.98 2.41 0.00	24.93 2.07 0.00	27.56 2.11 0.00	21.02 1.62 0.00	25.26 1.96 0.00	25.69 2.10 0.00	28.46 2.44 0.04	30.68 2.69 0.00	27.17 2.03 0.00	29.43 2.03 0.00	29.22 2.18 0.12	26.96 2.30 3.38	23.11 2.14 3.23	27.72 2.72 6.38	28.99 2.72 6.56	35.27 3.25 7.95	34.84 3.07 7.04	37.96 3.37 7.84	42.23 3.51 6.49	33.34 2.47 1.14	49.71 3.41 0.00	31.83 2.16 0.80	27.11 2.02 2.25	25.90 1.81 2.01
HOLTSVILLE_IC_4 23693	29.98 2.41 0.00	24.93 2.07 0.00	27.56 2.11 0.00	21.02 1.62 0.00	25.26 1.96 0.00	25.69 2.10 0.00	28.46 2.44 0.04	30.68 2.69 0.00	27.17 2.03 0.00	29.43 2.03 0.00	29.22 2.18 0.12	26.96 2.30 3.38	23.11 2.14 3.23	27.72 2.72 6.38	28.99 2.72 6.56	35.27 3.25 7.95	34.84 3.07 7.04	37.96 3.37 7.84	42.23 3.51 6.49	33.34 2.47 1.14	49.71 3.41 0.00	31.83 2.16 0.80	27.11 2.02 2.25	25.90 1.81 2.01
HOLTSVILLE_IC_5 23694	29.98 2.41 0.00	24.93 2.07 0.00	27.56 2.11 0.00	21.02 1.62 0.00	25.26 1.96 0.00	25.69 2.10 0.00	28.46 2.44 0.04	30.68 2.69 0.00	27.17 2.03 0.00	29.43 2.03 0.00	29.22 2.18 0.12	26.96 2.30 3.38	23.11 2.14 3.23	27.72 2.72 6.38	28.99 2.72 6.56	35.27 3.25 7.95	34.84 3.07 7.04	37.96 3.37 7.84	42.23 3.51 6.49	33.34 2.47 1.14	49.71 3.41 0.00	31.83 2.16 0.80	27.11 2.02 2.25	25.90 1.81 2.01
HOLTSVILLE_IC_6 23695	30.13 2.56 0.00	25.05 2.19 0.00	27.68 2.23 0.00	21.11 1.71 0.00	25.37 2.07 0.00	25.81 2.21 0.00	28.60 2.57 0.04	30.82 2.83 0.00	27.30 2.16 0.00	29.56 2.15 0.00	29.33 2.30 0.12	27.07 2.41 3.38	23.20 2.23 3.23	27.85 2.85 6.38	29.13 2.85 6.56	35.47 3.45 7.95	35.04 3.27 7.04	38.22 3.63 7.84	42.54 3.81 6.49	33.56 2.69 1.14	50.03 3.72 0.00	32.03 2.35 0.80	27.26 2.17 2.25	26.03 1.94 2.01
HOLTSVILLE_IC_7 23696	30.13 2.56 0.00	25.05 2.19 0.00	27.68 2.23 0.00	21.11 1.71 0.00	25.37 2.07 0.00	25.81 2.21 0.00	28.60 2.57 0.04	30.82 2.83 0.00	27.30 2.16 0.00	29.56 2.15 0.00	29.33 2.30 0.12	27.07 2.41 3.38	23.20 2.23 3.23	27.85 2.85 6.38	29.13 2.85 6.56	35.47 3.45 7.95	35.04 3.27 7.04	38.22 3.63 7.84	42.54 3.81 6.49	33.56 2.69 1.14	50.03 3.72 0.00	32.03 2.35 0.80	27.26 2.17 2.25	26.03 1.94 2.01
HOLTSVILLE_IC_8 23697	30.13 2.56 0.00	25.05 2.19 0.00	27.68 2.23 0.00	21.11 1.71 0.00	25.37 2.07 0.00	25.81 2.21 0.00	28.60 2.57 0.04	30.82 2.83 0.00	27.30 2.16 0.00	29.56 2.15 0.00	29.33 2.30 0.12	27.07 2.41 3.38	23.20 2.23 3.23	27.85 2.85 6.38	29.13 2.85 6.56	35.47 3.45 7.95	35.04 3.27 7.04	38.22 3.63 7.84	42.54 3.81 6.49	33.56 2.69 1.14	50.03 3.72 0.00	32.03 2.35 0.80	27.26 2.17 2.25	26.03 1.94 2.01
HOLTSVILLE_IC_9 23698	30.13 2.56 0.00	25.05 2.19 0.00	27.68 2.23 0.00	21.11 1.71 0.00	25.37 2.07 0.00	25.81 2.21 0.00	28.60 2.57 0.04	30.82 2.83 0.00	27.30 2.16 0.00	29.56 2.15 0.00	29.33 2.30 0.12	27.07 2.41 3.38	23.20 2.23 3.23	27.85 2.85 6.38	29.13 2.85 6.56	35.47 3.45 7.95	35.04 3.27 7.04	38.22 3.63 7.84	42.54 3.81 6.49	33.56 2.69 1.14	50.03 3.72 0.00	32.03 2.35 0.80	27.26 2.17 2.25	26.03 1.94 2.01
HOMER_HL_115KV_TB2 355744	26.98 -0.58 0.00	22.37 -0.48 0.00	25.05 -0.40 0.00	19.05 -0.35 0.00	23.01 -0.29 0.00	23.25 -0.34 0.00	25.39 -0.45 0.23	27.49 -0.50 0.00	24.60 -0.55 0.00	26.99 -0.42 0.00	26.20 -0.34 0.62	11.10 0.02 16.94	8.59 -0.08 15.53	-0.80 0.02 32.20	-0.12 0.05 33.00	-0.68 -0.08 40.56	2.60 -0.22 35.99	1.74 -0.70 39.99	10.72 -1.35 33.15	24.99 -1.22 5.80	44.67 -1.64 0.00	25.23 -1.15 4.09	15.17 -0.72 11.45	15.43 -0.42 10.25
HOWARD_WT_PWR 323690	25.83 -1.74 0.00	21.72 -1.14 0.00	24.45 -1.00 0.00	18.66 -0.74 0.00	22.47 -0.83 0.00	22.55 -1.04 0.00	24.60 -1.21 0.26	26.61 -1.38 0.00	24.02 -1.13 0.00	26.10 -1.31 0.00	25.19 -1.28 0.69	8.00 -1.33 18.70	5.88 -1.22 17.09	-5.78 -1.71 35.45	-5.51 -2.01 36.33	-7.38 -2.69 44.65	-3.59 -2.78 39.63	-4.99 -3.39 44.03	5.77 -3.55 35.89	23.50 -2.13 6.38	43.85 -2.46 0.00	24.49 -1.47 4.51	13.39 -1.32 12.64	13.63 -1.19 11.28
HQ_GEN_CEDARS 23644	27.38 -0.18 0.00	22.71 -0.15 0.00	25.39 -0.06 0.00	19.34 -0.06 0.00	23.19 -0.11 0.00	23.34 -0.26 0.00	25.69 -0.33 0.05	27.44 -0.56 0.00	24.70 -0.45 0.00	27.14 -0.27 0.00	26.91 -0.12 0.13	24.37 -0.14 3.52	20.96 -0.04 3.20	24.56 -0.18 6.63	25.76 -0.26 6.80	31.45 -0.16 8.36	31.02 -0.38 7.42	33.62 -0.54 8.27	37.86 -0.50 6.85	30.43 -0.38 1.20	45.99 -0.32 0.00	29.44 -0.19 0.85	24.74 -0.22 2.38	23.78 -0.19 2.12
HQ_GEN_CEDARS_PROXY 323590	27.38 -0.18 0.00	22.71 -0.15 0.00	25.39 -0.06 0.00	19.34 -0.06 0.00	23.19 -0.11 0.00	23.34 -0.26 0.00	25.69 -0.33 0.05	27.43 -0.56 0.00	24.70 -0.45 0.00	27.14 -0.27 0.00	26.91 -0.12 0.13	24.37 -0.14 3.52	20.95 -0.04 3.20	24.56 -0.18 6.63	25.76 -0.26 6.80	31.45 -0.15 8.36	31.02 -0.38 7.42	33.62 -0.54 8.27	37.86 -0.51 6.85	30.43 -0.38 1.20	45.99 -0.32 0.00	29.44 -0.19 0.85	24.74 -0.22 2.38	23.78 -0.19 2.12



HQ_GEN_IMPORT 323601	27.42 -0.14 0.00	22.73 -0.13 0.00	25.38 -0.07 0.00	19.30 -0.10 0.00	23.16 -0.14 0.00	23.48 -0.12 0.00	25.92 -0.15 0.00	27.76 -0.24 0.00	25.01 -0.13 0.00	27.40 0.00 0.00	27.23 0.07 0.00	28.10 0.06 0.00	24.27 0.07 0.00	31.38 0.01 0.00	32.74 -0.09 0.00	39.94 -0.02 0.00	38.76 -0.06 0.00	42.29 -0.14 0.00	45.14 -0.08 0.00	31.95 -0.06 0.00	46.36 0.05 0.00	30.49 0.01 0.00	27.32 -0.03 0.00	26.08 -0.02 0.00
HQ_GEN_WHEEL 23651	27.42 -0.14 0.00	22.73 -0.13 0.00	25.38 -0.07 0.00	19.30 -0.10 0.00	23.16 -0.14 0.00	23.48 -0.12 0.00	25.92 -0.15 0.00	27.76 -0.24 0.00	25.01 -0.13 0.00	27.40 0.00 0.00	27.23 0.07 0.00	28.10 0.06 0.00	24.27 0.07 0.00	31.38 0.01 0.00	32.74 -0.09 0.00	39.94 -0.02 0.00	38.76 -0.06 0.00	42.29 -0.14 0.00	45.14 -0.08 0.00	31.95 -0.06 0.00	46.36 0.05 0.00	30.49 0.01 0.00	27.32 -0.03 0.00	26.08 -0.02 0.00
HUDSON AVE_GT_3 23810	29.42 1.85 0.00	24.45 1.59 0.00	27.00 1.55 0.00	20.65 1.25 0.00	24.79 1.48 0.00	25.21 1.62 0.00	27.93 1.91 0.04	30.20 2.21 0.00	27.03 1.88 0.00	29.32 1.91 0.00	29.00 1.97 0.12	26.83 2.17 3.37	25.25 1.90 0.84	27.60 2.60 6.38	29.73 2.86 5.96	35.40 3.30 7.87	35.00 3.23 7.04	38.12 3.52 7.82	42.16 3.44 6.49	33.21 2.34 1.14	49.33 3.02 0.00	31.59 1.92 0.80	26.85 1.76 2.26	25.65 1.56 2.01
HUDSON AVE_GT_4 23540	29.42 1.85 0.00	24.45 1.59 0.00	27.00 1.55 0.00	20.65 1.25 0.00	24.79 1.48 0.00	25.21 1.62 0.00	27.93 1.91 0.04	30.20 2.21 0.00	27.03 1.88 0.00	29.32 1.91 0.00	29.00 1.97 0.12	26.83 2.17 3.37	25.25 1.90 0.84	27.60 2.60 6.38	29.73 2.86 5.96	35.40 3.30 7.87	35.00 3.23 7.04	38.12 3.52 7.82	42.16 3.44 6.49	33.21 2.34 1.14	49.33 3.02 0.00	31.59 1.92 0.80	26.85 1.76 2.26	25.65 1.56 2.01
HUDSON AVE_GT_5 23657	29.42 1.85 0.00	24.45 1.59 0.00	27.00 1.55 0.00	20.65 1.25 0.00	24.79 1.48 0.00	25.21 1.62 0.00	27.93 1.91 0.04	30.20 2.21 0.00	27.03 1.88 0.00	29.32 1.91 0.00	29.00 1.97 0.12	26.83 2.17 3.37	25.25 1.90 0.84	27.60 2.60 6.38	29.73 2.86 5.96	35.40 3.30 7.87	35.00 3.23 7.04	38.12 3.52 7.82	42.16 3.44 6.49	33.21 2.34 1.14	49.33 3.02 0.00	31.59 1.92 0.80	26.85 1.76 2.26	25.65 1.56 2.01
HUDSON_AVE_10 24168	29.26 1.70 0.01	24.34 1.48 0.00	26.86 1.42 0.01	20.56 1.15 0.00	24.68 1.38 0.00	25.11 1.51 0.00	27.82 1.80 0.04	30.09 2.09 0.00	26.90 1.76 0.00	29.18 1.78 0.00	28.85 1.81 0.13	26.68 2.02 3.37	25.13 1.78 0.84	27.41 2.41 6.38	29.54 2.67 5.96	35.15 3.07 7.88	34.77 3.00 7.05	37.88 3.28 7.83	41.88 3.16 6.50	33.02 2.16 1.15	49.06 2.76 0.01	31.41 1.75 0.81	26.69 1.60 2.26	25.51 1.43 2.01
HUDSON___115KV_TB 4 355613	28.10 0.54 0.00	23.34 0.49 0.00	25.85 0.40 0.00	19.81 0.41 0.00	23.74 0.44 0.00	23.98 0.39 0.00	26.54 0.50 0.03	28.62 0.63 0.00	25.50 0.35 0.00	27.48 0.07 0.00	27.01 -0.07 0.09	25.53 -0.13 2.37	21.89 -0.15 2.16	26.75 -0.15 4.48	28.23 -0.01 4.59	34.18 -0.11 5.68	33.71 0.17 5.27	37.01 0.42 5.84	40.92 0.33 4.62	31.60 0.40 0.81	46.90 0.59 0.00	30.26 0.34 0.57	26.10 0.35 1.59	24.99 0.32 1.42
HUNTER MOUNT___DRP 323613	28.69 1.12 0.00	23.81 0.95 0.00	26.38 0.93 0.00	20.20 0.80 0.00	24.25 0.95 0.00	24.53 0.94 0.00	27.10 1.06 0.03	29.22 1.23 0.00	25.99 0.84 0.00	28.06 0.65 0.00	27.46 0.40 0.10	25.57 0.24 2.70	21.83 0.09 2.46	26.41 0.13 5.10	27.95 0.34 5.23	33.88 0.32 6.40	33.44 0.17 5.54	36.78 0.54 6.18	41.46 1.49 5.25	32.25 1.16 0.92	47.61 1.30 0.00	30.96 1.13 0.65	26.53 1.00 1.81	25.35 0.87 1.62
HUNTINGTON_RES_REC 323705	29.79 2.23 0.00	24.78 1.92 0.00	27.40 1.94 0.00	20.89 1.49 0.00	25.10 1.80 0.00	25.51 1.92 0.00	28.26 2.23 0.04	30.45 2.46 0.00	26.97 1.82 0.00	29.24 1.84 0.00	29.10 2.07 0.12	26.84 2.18 3.38	23.01 2.04 3.23	27.60 2.60 6.38	28.85 2.58 6.56	35.08 3.06 7.95	34.64 2.87 7.04	37.78 3.19 7.84	42.05 3.33 6.49	33.20 2.33 1.14	49.48 3.17 0.00	31.69 2.01 0.80	27.00 1.90 2.25	25.81 1.72 2.01
HUNTLEY___63 23557	25.70 -1.87 0.00	21.29 -1.57 0.00	23.85 -1.60 0.00	18.09 -1.31 0.00	21.78 -1.52 0.00	22.00 -1.59 0.00	23.81 -2.03 0.22	25.55 -2.45 0.00	22.88 -2.26 0.00	25.25 -2.15 0.00	24.73 -1.85 0.59	10.53 -1.39 16.11	8.27 -1.13 14.80	-0.47 -1.16 30.68	0.20 -1.18 31.45	0.01 -1.31 38.65	3.26 -1.26 34.30	2.29 -2.05 38.09	10.46 -3.07 31.69	23.82 -2.67 5.52	42.72 -3.59 0.00	24.01 -2.57 3.90	14.26 -2.18 10.90	14.71 -1.63 9.76
HUNTLEY___64 23558	25.70 -1.87 0.00	21.29 -1.57 0.00	23.85 -1.60 0.00	18.09 -1.31 0.00	21.78 -1.52 0.00	22.00 -1.59 0.00	23.81 -2.03 0.22	25.55 -2.45 0.00	22.88 -2.26 0.00	25.25 -2.15 0.00	24.73 -1.85 0.59	10.53 -1.39 16.11	8.27 -1.13 14.80	-0.47 -1.16 30.68	0.20 -1.18 31.45	0.01 -1.31 38.65	3.26 -1.26 34.30	2.29 -2.05 38.09	10.46 -3.07 31.69	23.82 -2.67 5.52	42.72 -3.59 0.00	24.01 -2.57 3.90	14.26 -2.18 10.90	14.71 -1.63 9.76
HUNTLEY___65 23559	25.70 -1.87 0.00	21.29 -1.57 0.00	23.85 -1.60 0.00	18.09 -1.31 0.00	21.78 -1.52 0.00	22.00 -1.59 0.00	23.81 -2.03 0.22	25.55 -2.45 0.00	22.88 -2.26 0.00	25.25 -2.15 0.00	24.73 -1.85 0.59	10.53 -1.39 16.11	8.27 -1.13 14.80	-0.47 -1.16 30.68	0.20 -1.18 31.45	0.01 -1.31 38.65	3.26 -1.26 34.30	2.29 -2.05 38.09	10.46 -3.07 31.69	23.82 -2.67 5.52	42.72 -3.59 0.00	24.01 -2.57 3.90	14.26 -2.18 10.90	14.71 -1.63 9.76
HUNTLEY___66 23560	25.70 -1.87 0.00	21.29 -1.57 0.00	23.85 -1.60 0.00	18.09 -1.31 0.00	21.78 -1.52 0.00	22.00 -1.59 0.00	23.81 -2.03 0.22	25.55 -2.45 0.00	22.88 -2.26 0.00	25.25 -2.15 0.00	24.73 -1.85 0.59	10.53 -1.39 16.11	8.27 -1.13 14.80	-0.47 -1.16 30.68	0.20 -1.18 31.45	0.01 -1.31 38.65	3.26 -1.26 34.30	2.29 -2.05 38.09	10.46 -3.07 31.69	23.82 -2.67 5.52	42.72 -3.59 0.00	24.01 -2.57 3.90	14.26 -2.18 10.90	14.71 -1.63 9.76
HUNTLEY___67 23561	25.64 -1.92 0.00	21.25 -1.61 0.00	23.81 -1.63 0.00	18.07 -1.34 0.00	21.75 -1.55 0.00	21.96 -1.63 0.00	23.78 -2.06 0.22	25.53 -2.47 0.00	22.86 -2.29 0.00	25.23 -2.18 0.00	24.66 -1.91 0.59	10.39 -1.53 16.12	8.16 -1.25 14.79	-0.66 -1.36 30.68	0.00 -1.38 31.44	-0.26 -1.59 38.64	3.02 -1.51 34.29	2.04 -2.30 38.09	10.25 -3.26 31.71	23.77 -2.73 5.52	42.63 -3.68 0.00	23.97 -2.62 3.89	14.25 -2.26 10.84	14.56 -1.77 9.76
HUNTLEY___68 23562	25.64 -1.92 0.00	21.25 -1.61 0.00	23.81 -1.63 0.00	18.07 -1.34 0.00	21.75 -1.55 0.00	21.96 -1.63 0.00	23.78 -2.06 0.22	25.53 -2.47 0.00	22.86 -2.29 0.00	25.23 -2.18 0.00	24.66 -1.91 0.59	10.39 -1.53 16.12	8.16 -1.25 14.79	-0.66 -1.36 30.68	0.00 -1.38 31.44	-0.26 -1.59 38.64	3.02 -1.51 34.29	2.04 -2.30 38.09	10.25 -3.26 31.71	23.77 -2.73 5.52	42.63 -3.68 0.00	23.97 -2.62 3.89	14.25 -2.26 10.84	14.56 -1.77 9.76



HYLAND___LFGE 323620	27.05 -0.51 0.00	22.48 -0.37 0.00	25.21 -0.24 0.00	19.18 -0.23 0.00	23.14 -0.16 0.00	23.38 -0.21 0.00	25.57 -0.26 0.24	27.48 -0.51 0.00	24.64 -0.51 0.00	26.71 -0.69 0.00	25.53 -0.99 0.64	9.56 -1.03 17.44	7.22 -0.98 16.01	-3.00 -1.20 33.18	-2.50 -1.31 34.01	-3.53 -1.69 41.81	0.10 -1.62 37.10	-0.89 -2.11 41.20	9.28 -2.45 33.49	24.75 -1.29 5.97	45.67 -0.64 0.00	25.90 -0.35 4.22	15.11 -0.40 11.84	15.24 -0.30 10.56
INDECK___CORINTH 23802	28.63 1.06 0.00	23.71 0.85 0.00	26.17 0.72 0.00	20.10 0.69 0.00	24.08 0.78 0.00	24.39 0.80 0.00	27.12 1.08 0.03	29.34 1.34 0.00	26.17 1.02 0.00	28.10 0.69 0.00	27.57 0.50 0.09	26.11 0.39 2.31	22.39 0.30 2.10	27.48 0.46 4.37	29.18 0.83 4.48	35.41 0.96 5.52	34.95 1.03 4.90	38.42 1.45 5.45	42.58 1.87 4.51	32.50 1.28 0.79	48.00 1.69 0.00	31.09 1.16 0.55	26.81 1.00 1.54	25.59 0.87 1.37
INDECK___ILION 23567	27.50 -0.06 0.00	22.85 -0.01 0.00	25.34 -0.11 0.00	19.35 -0.05 0.00	23.24 -0.06 0.00	23.50 -0.09 0.00	26.01 -0.02 0.04	28.07 0.07 0.00	25.11 -0.03 0.00	27.13 -0.27 0.00	26.56 -0.49 0.12	24.22 -0.55 3.27	20.71 -0.52 2.97	24.60 -0.61 6.16	26.00 -0.52 6.31	31.59 -0.62 7.76	31.46 -0.47 6.89	34.47 -0.28 7.67	38.69 -0.16 6.36	30.85 -0.05 1.11	46.17 -0.13 0.00	29.62 -0.07 0.79	25.12 -0.01 2.21	24.10 -0.02 1.97
INDECK___OLEAN 23982	26.98 -0.59 0.00	22.38 -0.48 0.00	25.06 -0.39 0.00	19.05 -0.35 0.00	23.01 -0.29 0.00	23.25 -0.34 0.00	25.39 -0.45 0.23	27.48 -0.51 0.00	24.61 -0.53 0.00	26.98 -0.42 0.00	26.20 -0.34 0.62	11.08 -0.01 16.94	8.56 -0.10 15.53	-0.78 0.04 32.20	-0.12 0.06 33.00	-0.71 -0.11 40.56	2.59 -0.23 35.99	1.70 -0.74 39.99	10.70 -1.37 33.15	24.98 -1.24 5.80	44.66 -1.65 0.00	25.22 -1.16 4.09	15.13 -0.76 11.45	15.40 -0.45 10.25
INDECK___OSWEGO 23783	26.37 -1.20 0.00	21.84 -1.02 0.00	24.31 -1.14 0.00	18.54 -0.86 0.00	22.30 -1.00 0.00	22.56 -1.04 0.00	24.33 -1.19 0.55	26.68 -1.31 0.00	23.95 -1.20 0.00	26.05 -1.35 0.00	24.29 -1.36 1.52	-14.12 -1.43 40.73	-14.08 -1.24 37.04	-46.99 -1.56 76.80	-47.48 -1.58 78.73	-58.77 -1.96 96.78	-48.96 -1.89 85.88	-55.21 -2.05 95.59	-36.17 -2.19 79.19	16.64 -1.50 13.86	44.16 -2.15 0.00	19.20 -1.47 9.80	-1.51 -1.34 27.52	0.31 -1.27 24.52
INDECK___YERKES 23781	25.71 -1.85 0.00	21.31 -1.55 0.00	23.87 -1.58 0.00	18.11 -1.29 0.00	21.80 -1.50 0.00	22.02 -1.57 0.00	23.84 -2.01 0.22	25.56 -2.43 0.00	22.93 -2.22 0.00	25.28 -2.13 0.00	24.75 -1.82 0.59	10.55 -1.37 16.11	8.28 -1.12 14.80	-0.38 -1.07 30.68	0.26 -1.12 31.45	0.03 -1.29 38.65	3.32 -1.20 34.30	2.30 -2.04 38.09	10.49 -3.04 31.69	23.86 -2.63 5.52	42.77 -3.54 0.00	24.04 -2.54 3.90	14.25 -2.19 10.90	14.71 -1.62 9.76
INDIAN POINT_GT_1 24139	29.19 1.62 0.00	24.24 1.38 0.00	26.80 1.35 0.00	20.48 1.08 0.00	24.59 1.29 0.00	24.98 1.38 0.00	27.65 1.62 0.04	29.89 1.90 0.00	26.72 1.58 0.00	28.97 1.57 0.00	28.63 1.60 0.13	26.37 1.75 3.41	22.71 1.55 3.03	27.07 2.15 6.45	28.65 2.39 6.57	34.69 2.74 8.02	34.39 2.69 7.12	37.46 2.95 7.91	41.57 2.91 6.56	32.85 1.99 1.15	48.89 2.58 0.00	31.32 1.65 0.81	26.59 1.52 2.28	25.42 1.36 2.03
INDIAN POINT_GT_2 23659	29.19 1.62 0.00	24.24 1.38 0.00	26.80 1.35 0.00	20.48 1.08 0.00	24.59 1.29 0.00	24.98 1.38 0.00	27.65 1.62 0.04	29.89 1.90 0.00	26.72 1.58 0.00	28.97 1.57 0.00	28.63 1.60 0.13	26.37 1.75 3.41	22.71 1.55 3.03	27.07 2.15 6.45	28.65 2.39 6.57	34.69 2.74 8.02	34.39 2.69 7.12	37.46 2.95 7.91	41.57 2.91 6.56	32.85 1.99 1.15	48.89 2.58 0.00	31.32 1.65 0.81	26.59 1.52 2.28	25.42 1.36 2.03
INDIAN POINT_GT_3 24019	29.19 1.62 0.00	24.24 1.38 0.00	26.80 1.35 0.00	20.48 1.08 0.00	24.59 1.29 0.00	24.98 1.38 0.00	27.65 1.62 0.04	29.89 1.90 0.00	26.72 1.58 0.00	28.97 1.57 0.00	28.63 1.60 0.13	26.37 1.75 3.41	22.71 1.55 3.03	27.07 2.15 6.45	28.65 2.39 6.57	34.69 2.74 8.02	34.39 2.69 7.12	37.46 2.95 7.91	41.57 2.91 6.56	32.85 1.99 1.15	48.89 2.58 0.00	31.32 1.65 0.81	26.59 1.52 2.28	25.42 1.36 2.03
INDIAN POINT___2 23530	29.17 1.60 0.00	24.22 1.36 0.00	26.77 1.32 0.00	20.46 1.06 0.00	24.57 1.27 0.00	24.96 1.37 0.00	27.63 1.60 0.04	29.87 1.87 0.00	26.70 1.56 0.00	28.95 1.55 0.00	28.61 1.58 0.13	26.33 1.75 3.45	22.67 1.54 3.07	27.00 2.15 6.52	28.58 2.40 6.65	34.60 2.76 8.12	34.31 2.70 7.21	37.36 2.96 8.02	41.48 2.91 6.65	32.82 1.97 1.16	48.87 2.56 0.00	31.30 1.64 0.82	26.55 1.51 2.31	25.38 1.35 2.05
INDIAN POINT___3 23531	29.17 1.60 0.00	24.22 1.37 0.00	26.79 1.34 0.00	20.47 1.07 0.00	24.58 1.28 0.00	24.97 1.37 0.00	27.64 1.61 0.04	29.87 1.88 0.00	26.71 1.56 0.00	28.95 1.55 0.00	28.62 1.59 0.13	26.37 1.75 3.41	22.70 1.54 3.03	27.07 2.14 6.45	28.64 2.38 6.57	34.67 2.72 8.02	34.36 2.66 7.11	37.43 2.92 7.91	41.53 2.87 6.55	32.82 1.96 1.15	48.85 2.54 0.00	31.30 1.63 0.81	26.58 1.50 2.28	25.41 1.34 2.03
INGHAM_C_115KV_TB7 356103	27.43 -0.13 0.00	22.83 -0.03 0.00	25.22 -0.23 0.00	19.29 -0.11 0.00	23.13 -0.17 0.00	23.38 -0.21 0.00	25.97 -0.06 0.04	28.12 0.12 0.00	25.05 -0.10 0.00	26.77 -0.63 0.00	25.94 -1.10 0.12	23.48 -1.29 3.27	20.01 -1.22 2.97	23.74 -1.48 6.16	25.23 -1.29 6.31	30.69 -1.51 7.76	30.77 -1.16 6.89	34.01 -0.74 7.67	38.43 -0.43 6.36	30.75 -0.15 1.11	45.99 -0.33 0.00	29.52 -0.17 0.79	25.08 -0.05 2.21	24.06 -0.07 1.97
IP CORINTH___1 23988	28.63 1.06 0.00	23.71 0.85 0.00	26.16 0.72 0.00	20.10 0.69 0.00	24.08 0.78 0.00	24.39 0.80 0.00	27.12 1.08 0.03	29.33 1.34 0.00	26.17 1.02 0.00	28.10 0.69 0.00	27.57 0.50 0.09	26.10 0.38 2.31	22.38 0.29 2.10	27.47 0.46 4.37	29.18 0.83 4.48	35.41 0.96 5.52	34.94 1.03 4.90	38.42 1.44 5.45	42.58 1.88 4.51	32.50 1.28 0.79	48.00 1.69 0.00	31.10 1.16 0.55	26.81 1.00 1.54	25.59 0.87 1.37
IP___TICONDEROGA 23804	29.18 1.62 0.00	24.17 1.31 0.00	26.38 0.93 0.00	20.47 1.07 0.00	24.41 1.11 0.00	24.82 1.22 0.00	27.78 1.74 0.03	30.22 2.22 0.00	26.79 1.64 0.00	28.32 0.91 0.00	27.83 0.75 0.09	26.42 0.70 2.31	22.68 0.59 2.10	27.94 0.92 4.36	30.38 2.03 4.47	36.69 2.24 5.51	36.22 2.30 4.90	39.57 2.58 5.45	44.41 3.70 4.50	33.62 2.40 0.79	49.68 3.37 0.00	32.20 2.27 0.55	27.75 1.94 1.54	26.50 1.78 1.37
ISLIP_RES_REC 323679	30.22 2.65 0.00	25.12 2.26 0.00	27.76 2.31 0.00	21.17 1.77 0.00	25.45 2.14 0.00	25.89 2.30 0.00	28.68 2.66 0.04	30.93 2.94 0.00	27.38 2.24 0.00	29.65 2.25 0.00	29.42 2.39 0.12	27.17 2.51 3.38	23.28 2.31 3.23	27.95 2.95 6.38	29.24 3.61 6.56	35.63 3.45 7.95	35.22 3.45 7.04	38.43 3.84 7.84	42.77 4.04 6.49	33.72 2.84 1.14	50.26 3.95 0.00	32.17 2.49 0.80	27.37 2.28 2.25	26.12 2.04 2.01



JAMAICA__27_KV_LOAD 355505	29.27 1.72 0.01	24.37 1.52 0.00	26.87 1.43 0.01	20.60 1.19 0.00	24.73 1.43 0.00	25.19 1.60 0.00	27.94 1.91 0.04	30.22 2.22 0.00	26.96 1.82 0.00	29.22 1.82 0.00	28.85 1.82 0.13	26.68 2.03 3.37	25.17 1.82 0.84	27.37 2.38 6.38	29.51 2.64 5.96	35.12 3.04 7.88	34.74 2.97 7.05	37.90 3.30 7.83	41.91 3.20 6.50	33.04 2.18 1.15	49.10 2.79 0.01	31.44 1.77 0.81	26.72 1.64 2.26	25.54 1.46 2.01
JANIS__SOLAR 323808	27.48 -0.09 0.00	22.83 -0.02 0.00	25.48 0.03 0.00	19.39 -0.01 0.00	23.38 0.08 0.00	23.69 0.09 0.00	25.99 0.24 0.32	28.47 0.48 0.00	25.42 0.28 0.00	27.56 0.15 0.00	26.36 -0.01 0.79	6.53 -0.23 21.28	4.61 -0.21 19.37	-9.23 -0.44 40.16	-8.72 -0.38 41.17	-11.14 -0.50 50.60	-6.58 -0.49 44.91	-7.98 -0.50 49.91	3.91 -0.02 41.29	25.06 0.29 7.24	47.07 0.76 0.00	25.83 0.47 5.12	13.37 0.37 14.35	13.58 0.28 12.79
JARVIS____ 23743	27.54 -0.03 0.00	22.85 -0.01 0.00	25.40 -0.05 0.00	19.38 -0.02 0.00	23.30 0.00 0.00	23.57 -0.02 0.00	26.01 -0.02 0.04	28.02 0.02 0.00	25.12 -0.02 0.00	27.32 -0.08 0.00	26.92 -0.12 0.12	24.63 -0.13 3.27	21.13 -0.10 2.97	25.12 -0.10 6.16	26.45 -0.07 6.31	32.09 -0.12 7.76	31.84 -0.09 6.89	34.71 -0.04 7.67	38.80 -0.06 6.36	30.86 -0.04 1.11	46.19 -0.12 0.00	29.63 -0.06 0.79	25.08 -0.05 2.21	24.07 -0.05 1.97
JENNISON____1 23625	27.15 -0.42 0.00	22.60 -0.26 0.00	25.21 -0.23 0.00	19.20 -0.20 0.00	23.13 -0.17 0.00	23.37 -0.22 0.00	25.75 -0.03 0.29	28.45 0.46 0.00	25.49 0.34 0.00	27.52 0.12 0.00	26.44 -0.11 0.61	11.42 -0.17 16.44	9.13 -0.09 14.98	0.75 0.43 31.05	1.36 0.36 31.83	1.10 0.25 39.12	4.29 0.19 34.72	3.31 -0.52 38.60	13.06 -0.21 31.94	26.41 0.00 5.60	46.56 0.25 0.00	26.75 0.22 3.96	16.43 0.18 11.10	16.37 0.17 9.90
JENNISON____2 23626	27.15 -0.42 0.00	22.60 -0.26 0.00	25.21 -0.23 0.00	19.20 -0.20 0.00	23.13 -0.17 0.00	23.37 -0.22 0.00	25.75 -0.03 0.29	28.45 0.46 0.00	25.49 0.34 0.00	27.52 0.12 0.00	26.44 -0.11 0.61	11.42 -0.17 16.44	9.13 -0.09 14.98	0.75 0.43 31.05	1.36 0.36 31.83	1.10 0.25 39.12	4.29 0.19 34.72	3.31 -0.52 38.60	13.06 -0.21 31.94	26.41 0.00 5.60	46.56 0.25 0.00	26.75 0.22 3.96	16.43 0.18 11.10	16.37 0.17 9.90
JERICOHO_RISE_WT_PWR 323719	27.04 -0.53 0.00	22.38 -0.47 0.00	24.97 -0.47 0.00	19.05 -0.35 0.00	22.80 -0.50 0.00	22.97 -0.62 0.00	25.30 -0.73 0.04	26.95 -1.04 0.00	24.25 -0.90 0.00	26.71 -0.69 0.00	26.61 -0.45 0.10	24.74 -0.51 2.79	21.26 -0.40 2.54	25.42 -0.70 5.26	26.72 -0.71 5.39	32.61 -0.73 6.62	32.12 -0.82 5.88	34.95 -0.93 6.55	39.13 -0.65 5.43	30.51 -0.54 0.95	45.80 -0.51 0.00	29.56 -0.25 0.67	25.15 -0.30 1.89	24.16 -0.25 1.68
KATONAH__115KV_46KV_TB4 355592	29.28 1.71 0.00	24.26 1.40 0.00	26.83 1.38 0.00	20.50 1.10 0.00	24.62 1.32 0.00	25.00 1.41 0.00	27.68 1.65 0.04	29.92 1.93 0.00	26.75 1.61 0.00	29.00 1.59 0.00	28.64 1.60 0.12	26.50 1.75 3.29	22.73 1.53 2.99	27.28 2.11 6.20	28.84 2.38 6.37	34.97 2.85 7.84	34.65 2.80 6.96	37.77 3.09 7.74	41.88 3.08 6.41	32.98 2.10 1.12	49.06 2.75 0.00	31.45 1.77 0.79	26.73 1.61 2.23	25.56 1.45 1.99
KCE_NY_1 323755	28.69 1.13 0.00	23.73 0.88 0.00	26.26 0.81 0.00	20.13 0.73 0.00	24.15 0.85 0.00	24.45 0.85 0.00	27.10 1.05 0.03	29.27 1.27 0.00	26.12 0.97 0.00	28.15 0.75 0.00	27.63 0.55 0.09	26.21 0.48 2.30	22.47 0.37 2.10	27.56 0.54 4.35	29.18 0.82 4.47	35.44 0.97 5.51	34.91 0.98 4.89	38.34 1.35 5.44	42.37 1.65 4.50	32.35 1.13 0.79	47.78 1.47 0.00	30.94 1.01 0.55	26.72 0.91 1.54	25.54 0.82 1.37
KCE_NY_6_ESR 323823	26.01 -1.55 0.00	21.57 -1.29 0.00	24.17 -1.28 0.00	18.34 -1.06 0.00	22.09 -1.21 0.00	22.30 -1.29 0.00	24.19 -1.65 0.23	25.99 -2.01 0.00	23.33 -1.81 0.00	25.70 -1.70 0.00	25.08 -1.49 0.60	10.56 -1.12 16.35	8.27 -0.92 15.00	-0.64 -0.91 31.10	-0.01 -0.96 31.88	-0.38 -1.17 39.18	2.94 -1.11 34.77	1.96 -1.84 38.62	10.39 -2.67 32.16	24.17 -2.24 5.60	43.33 -2.98 0.00	24.39 -2.14 3.95	14.47 -1.85 11.04	14.78 -1.42 9.90
KEDC_PORT_JEFF_GT2 24210	30.08 2.52 0.00	25.01 2.16 0.00	27.65 2.20 0.00	21.09 1.69 0.00	25.34 2.04 0.00	25.77 2.18 0.00	28.55 2.52 0.04	30.76 2.77 0.00	27.25 2.11 0.00	29.52 2.12 0.00	29.29 2.26 0.12	27.04 2.38 3.38	23.18 2.21 3.23	27.81 2.81 6.38	29.09 2.82 6.56	35.40 3.38 7.95	35.00 3.22 7.04	38.15 3.56 7.84	42.47 3.75 6.49	33.51 2.63 1.14	49.95 3.64 0.00	31.98 2.31 0.80	27.22 2.13 2.25	25.99 1.91 2.01
KEDC_PORT_JEFF_GT3 24211	30.08 2.52 0.00	25.01 2.16 0.00	27.65 2.20 0.00	21.09 1.69 0.00	25.34 2.04 0.00	25.77 2.18 0.00	28.55 2.52 0.04	30.76 2.77 0.00	27.25 2.11 0.00	29.52 2.12 0.00	29.29 2.26 0.12	27.04 2.38 3.38	23.18 2.21 3.23	27.81 2.81 6.38	29.09 2.82 6.56	35.40 3.38 7.95	35.00 3.22 7.04	38.15 3.56 7.84	42.47 3.75 6.49	33.51 2.63 1.14	49.95 3.64 0.00	31.98 2.31 0.80	27.22 2.13 2.25	25.99 1.91 2.01
KEDC_GLWD_GT4 24219	29.58 2.01 0.00	24.57 1.71 0.00	27.15 1.70 0.00	20.73 1.33 0.00	24.90 1.60 0.00	25.32 1.72 0.00	28.03 2.00 0.04	30.27 2.28 0.00	27.00 1.85 0.00	29.28 1.88 0.00	29.02 1.99 0.12	26.82 2.16 3.38	22.93 1.96 3.23	27.59 2.59 6.38	29.06 2.78 6.56	35.26 3.25 7.95	34.87 3.10 7.04	38.01 3.42 7.84	42.00 3.28 6.49	33.13 2.25 1.14	49.29 2.98 0.00	31.59 1.92 0.80	26.96 1.86 2.25	25.75 1.67 2.01
KEDC_GLWD_GT5 24220	29.58 2.01 0.00	24.57 1.71 0.00	27.15 1.70 0.00	20.73 1.33 0.00	24.90 1.60 0.00	25.32 1.72 0.00	28.03 2.00 0.04	30.27 2.28 0.00	27.00 1.85 0.00	29.28 1.88 0.00	29.02 1.99 0.12	26.82 2.16 3.38	22.93 1.96 3.23	27.59 2.59 6.38	29.06 2.78 6.56	35.26 3.25 7.95	34.87 3.10 7.04	38.01 3.42 7.84	42.00 3.28 6.49	33.13 2.25 1.14	49.29 2.98 0.00	31.59 1.92 0.80	26.96 1.86 2.25	25.75 1.67 2.01
KENSICO____ 23655	29.26 1.69 0.00	24.31 1.45 0.00	26.87 1.42 0.00	20.54 1.13 0.00	24.65 1.35 0.00	25.04 1.45 0.00	27.73 1.70 0.04	29.98 1.98 0.00	26.80 1.66 0.00	29.05 1.65 0.00	28.72 1.68 0.13	26.51 1.86 3.39	22.84 1.63 2.99	27.23 2.25 6.40	28.80 2.49 6.51	34.86 2.85 7.96	34.55 2.79 7.06	37.63 3.06 7.85	41.73 3.02 6.51	32.92 2.06 1.14	48.98 2.68 0.00	31.40 1.72 0.80	26.68 1.59 2.26	25.50 1.42 2.01
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.38 1.82 0.00	24.36 1.50 0.00	26.96 1.51 0.00	20.59 1.19 0.00	24.73 1.43 0.00	25.12 1.53 0.00	27.84 1.82 0.05	30.09 2.09 0.00	26.86 1.72 0.00	29.03 1.63 0.00	28.61 1.58 0.13	26.23 1.71 3.52	22.51 1.52 3.20	26.84 2.11 6.64	28.46 2.43 6.80	34.39 2.75 8.33	34.22 2.77 7.37	37.43 3.21 8.20	41.72 3.31 6.81	33.20 2.38 1.19	49.60 3.29 0.00	31.71 2.08 0.84	26.83 1.85 2.36	25.63 1.64 2.11



KIAC_JFK_GT1 23816	29.12 1.57 0.01	24.25 1.40 0.00	26.74 1.30 0.01	20.50 1.10 0.00	24.60 1.30 0.00	25.06 1.46 0.00	27.80 1.77 0.04	30.06 2.06 0.00	26.83 1.68 0.00	29.08 1.68 0.00	28.71 1.68 0.13	26.54 1.89 3.37	25.05 1.70 0.84	27.22 2.22 6.38	29.35 2.48 5.96	34.87 2.79 7.88	34.39 2.62 7.05	37.52 2.92 7.83	41.49 2.78 6.50	32.75 1.89 1.15	48.67 2.36 0.01	31.15 1.49 0.81	26.57 1.48 2.26	25.41 1.33 2.01
KIAC_JFK_GT2 23817	29.12 1.57 0.01	24.25 1.40 0.00	26.74 1.30 0.01	20.50 1.10 0.00	24.60 1.30 0.00	25.06 1.46 0.00	27.80 1.77 0.04	30.06 2.06 0.00	26.83 1.68 0.00	29.08 1.68 0.00	28.71 1.68 0.13	26.54 1.89 3.37	25.05 1.70 0.84	27.22 2.22 6.38	29.35 2.48 5.96	34.87 2.79 7.88	34.39 2.62 7.05	37.52 2.92 7.83	41.49 2.78 6.50	32.75 1.89 1.15	48.67 2.36 0.01	31.15 1.49 0.81	26.57 1.48 2.26	25.41 1.33 2.01
KIAC_JFK____ 323774	29.12 1.57 0.01	24.25 1.40 0.00	26.74 1.29 0.01	20.50 1.10 0.00	24.60 1.30 0.00	25.06 1.47 0.00	27.79 1.77 0.04	30.05 2.06 0.00	26.83 1.68 0.00	29.08 1.68 0.00	28.71 1.68 0.13	26.57 1.91 3.37	25.08 1.73 0.84	27.23 2.23 6.38	29.38 2.51 5.96	34.88 2.79 7.88	34.40 2.63 7.05	37.55 2.95 7.83	41.49 2.78 6.50	32.75 1.89 1.15	48.67 2.36 0.01	31.15 1.48 0.81	26.57 1.49 2.26	25.42 1.34 2.01
KINTIGH__24_KV_GSU 356498	25.75 -1.81 0.00	21.34 -1.52 0.00	23.88 -1.57 0.00	18.12 -1.28 0.00	21.82 -1.48 0.00	22.04 -1.55 0.00	23.91 -1.95 0.21	25.69 -2.31 0.00	23.01 -2.14 0.00	25.30 -2.10 0.00	24.74 -1.86 0.56	11.12 -1.60 15.32	8.79 -1.33 14.08	0.75 -1.44 29.19	1.43 -1.47 29.92	1.45 -1.75 36.77	4.56 -1.63 32.63	3.80 -2.39 36.24	11.95 -3.18 30.09	24.17 -2.59 5.25	42.82 -3.49 0.00	24.26 -2.50 3.72	14.68 -2.22 10.45	15.03 -1.78 9.28
KINTIGH____ 23543	25.73 -1.83 0.00	21.32 -1.54 0.00	23.85 -1.59 0.00	18.11 -1.29 0.00	21.79 -1.51 0.00	22.02 -1.57 0.00	23.89 -1.97 0.21	25.67 -2.33 0.00	22.97 -2.18 0.00	25.28 -2.12 0.00	24.72 -1.88 0.56	11.10 -1.62 15.32	8.78 -1.34 14.08	0.66 -1.52 29.19	1.38 -1.53 29.92	1.43 -1.76 36.77	4.50 -1.69 32.63	3.79 -2.40 36.24	11.89 -3.23 30.09	24.14 -2.62 5.25	42.78 -3.53 0.00	24.23 -2.53 3.72	14.67 -2.23 10.45	15.03 -1.78 9.28
KNTFSRNC_46_KV_46KV_LOAD 80397	27.31 -0.26 0.00	22.54 -0.32 0.00	25.14 -0.30 0.00	19.25 -0.16 0.00	23.01 -0.29 0.00	23.23 -0.36 0.00	25.64 -0.39 0.03	27.34 -0.65 0.00	24.61 -0.53 0.00	26.99 -0.41 0.00	26.91 -0.16 0.09	25.31 -0.20 2.52	21.77 -0.14 2.29	26.29 -0.33 4.75	27.65 -0.31 4.87	33.66 -0.31 5.99	33.18 -0.33 5.31	36.18 -0.32 5.92	40.35 0.04 4.91	31.08 -0.07 0.86	46.44 0.13 0.00	30.06 0.19 0.61	25.72 0.08 1.71	24.65 0.08 1.52
LACHUTE____HYDRO 323717	29.18 1.62 0.00	24.17 1.31 0.00	26.38 0.93 0.00	20.47 1.07 0.00	24.41 1.11 0.00	24.81 1.22 0.00	27.78 1.74 0.03	30.22 2.22 0.00	26.79 1.64 0.00	28.32 0.91 0.00	27.83 0.76 0.09	26.42 0.70 2.31	22.69 0.59 2.10	27.94 0.93 4.36	30.38 2.03 4.47	36.69 2.24 5.51	36.23 2.31 4.90	39.57 2.59 5.45	44.42 3.70 4.50	33.62 2.40 0.79	49.68 3.37 0.00	32.20 2.27 0.55	27.75 1.95 1.54	26.50 1.78 1.37
LAWRNCALV_115KV_TB1 80681	26.92 -0.64 0.00	22.37 -0.49 0.00	25.05 -0.40 0.00	19.15 -0.25 0.00	22.98 -0.32 0.00	23.07 -0.53 0.00	25.35 -0.64 0.07	27.03 -0.96 0.00	24.34 -0.80 0.00	26.73 -0.68 0.00	26.46 -0.49 0.21	22.02 -0.51 5.50	18.92 -0.27 5.00	20.50 -0.50 10.37	21.61 -0.59 10.63	26.35 -0.55 13.07	26.33 -0.89 11.59	28.37 -1.14 12.92	33.42 -1.09 10.71	29.38 -0.75 1.87	45.45 -0.86 0.00	28.65 -0.50 1.33	23.18 -0.44 3.72	22.37 -0.41 3.31
LEDERLE____ 23769	29.43 1.86 0.00	24.39 1.53 0.00	26.95 1.50 0.00	20.57 1.17 0.00	24.70 1.40 0.00	25.09 1.50 0.00	27.79 1.76 0.04	30.05 2.06 0.00	26.87 1.73 0.00	29.14 1.74 0.00	28.80 1.77 0.13	26.49 1.95 3.49	22.79 1.72 3.12	27.19 2.40 6.59	28.78 2.68 6.72	34.84 3.09 8.22	34.57 3.05 7.29	37.68 3.36 8.11	41.82 3.32 6.72	33.09 2.25 1.18	49.28 2.97 0.00	31.53 1.89 0.83	26.73 1.72 2.33	25.54 1.53 2.08
LIGHTHSE_115KV_TB6 355974	26.64 -0.93 0.00	22.00 -0.86 0.00	24.49 -0.95 0.00	18.70 -0.70 0.00	22.53 -0.78 0.00	22.78 -0.81 0.00	24.72 -0.90 0.45	26.97 -1.02 0.00	24.24 -0.91 0.00	26.35 -1.05 0.00	24.85 -1.07 1.23	-6.35 -1.26 33.12	-7.00 -1.08 30.11	-32.44 -1.37 62.44	-32.57 -1.40 64.00	-40.43 -1.72 78.68	-32.70 -1.70 69.82	-37.10 -1.76 77.77	-21.00 -1.77 64.45	19.64 -1.09 11.28	44.72 -1.59 0.00	21.32 -1.18 7.98	3.84 -1.11 22.40	5.07 -1.07 19.95
LINDEN COGEN____ 23786	29.24 1.68 0.00	24.31 1.45 0.00	26.83 1.39 0.00	20.52 1.12 0.00	24.64 1.34 0.00	25.06 1.47 0.00	27.75 1.73 0.04	30.01 2.02 0.00	26.85 1.70 0.00	29.12 1.72 0.00	28.80 1.77 0.12	26.63 1.98 3.37	25.09 1.74 0.84	27.40 2.40 6.38	29.54 2.66 5.96	35.15 3.06 7.87	34.76 2.98 7.04	37.84 3.24 7.82	41.85 3.13 6.49	33.00 2.30 1.14	49.00 2.69 0.00	31.37 1.70 0.80	26.66 1.57 2.26	25.47 1.39 2.01
LINDHRST_69_KV_BK1 356055	30.06 2.49 0.00	24.99 2.13 0.00	27.60 2.15 0.00	21.06 1.66 0.00	25.29 1.99 0.00	25.73 2.13 0.00	28.51 2.49 0.04	30.74 2.75 0.00	27.29 2.14 0.00	29.55 2.14 0.00	29.34 2.30 0.12	27.09 2.43 3.38	23.20 2.23 3.23	27.88 2.89 6.38	29.26 2.99 6.56	35.58 3.56 7.95	35.13 3.36 7.04	38.40 3.80 7.84	42.69 3.96 6.49	33.66 2.79 1.14	50.13 3.82 0.00	32.13 2.45 0.80	27.35 2.26 2.25	26.13 2.04 2.01
LIPA_MISC_IPP 23656	30.15 2.59 0.00	25.07 2.21 0.00	27.70 2.25 0.00	21.13 1.73 0.00	25.40 2.10 0.00	25.84 2.25 0.00	28.63 2.60 0.04	30.86 2.86 0.00	27.31 2.17 0.00	29.54 2.13 0.00	29.28 2.24 0.12	27.02 2.36 3.38	23.18 2.21 3.23	27.76 2.76 6.38	29.00 2.73 6.56	35.33 3.31 7.95	34.94 3.18 7.04	38.10 3.51 7.84	42.43 3.71 6.49	33.49 2.62 1.14	49.94 3.63 0.00	31.96 2.29 0.80	27.18 2.09 2.25	25.95 1.87 2.01
LISF____SOLAR 323691	30.22 2.65 0.00	25.12 2.26 0.00	27.75 2.30 0.00	21.17 1.77 0.00	25.45 2.14 0.00	25.89 2.30 0.00	28.69 2.66 0.04	30.92 2.93 0.00	27.35 2.21 0.00	29.58 2.17 0.00	29.30 2.26 0.12	27.04 2.38 3.38	23.20 2.23 3.23	27.78 2.78 6.38	29.03 2.76 6.56	35.37 3.36 7.95	35.02 3.24 7.04	38.16 3.57 7.84	42.52 3.79 6.49	33.56 2.69 1.14	50.06 3.75 0.00	32.03 2.35 0.80	27.25 2.16 2.25	26.01 1.92 2.01
LITTLE FALLS____HYD 24013	27.43 -0.13 0.00	22.83 -0.03 0.00	25.22 -0.23 0.00	19.29 -0.11 0.00	23.13 -0.17 0.00	23.38 -0.21 0.00	25.97 -0.06 0.04	28.12 0.12 0.00	25.05 -0.10 0.00	26.77 -0.63 0.00	25.94 -1.10 0.12	23.48 -1.29 3.27	20.01 -1.22 2.97	23.74 -1.48 6.16	25.23 -1.29 6.31	30.69 -1.51 7.76	30.77 -1.16 6.89	34.01 -0.74 7.67	38.43 -0.43 6.36	30.75 -0.15 1.11	45.99 -0.33 0.00	29.52 -0.17 0.79	25.08 -0.05 2.21	24.06 -0.07 1.97



LITTLRIV_115KV_TB1 356100	27.31 -0.26 0.00	22.67 -0.18 0.00	25.40 -0.05 0.00	19.42 0.01 0.00	23.30 0.00 0.00	23.40 -0.19 0.00	25.71 -0.28 0.08	27.39 -0.60 0.00	24.62 -0.52 0.00	27.02 -0.39 0.00	26.78 -0.16 0.22	21.99 -0.21 5.83	18.86 -0.04 5.30	20.21 -0.19 10.98	21.27 -0.30 11.26	25.99 -0.14 13.84	26.04 -0.50 12.28	28.11 -0.63 13.68	33.39 -0.49 11.34	29.72 -0.30 1.98	46.17 -0.13 0.00	29.03 -0.04 1.40	23.34 -0.06 3.94	22.51 -0.07 3.51
LI_NEWBRDGE___DRP 323616	29.50 1.94 0.00	24.52 1.66 0.00	27.11 1.66 0.00	20.69 1.29 0.00	24.85 1.55 0.00	25.26 1.66 0.00	27.96 1.93 0.04	30.16 2.17 0.00	26.82 1.67 0.00	29.09 1.69 0.00	28.89 1.85 0.12	26.65 1.99 3.38	22.82 1.85 3.23	27.37 2.38 6.38	28.73 2.45 6.56	34.88 2.86 7.95	34.47 2.70 7.04	37.59 3.00 7.84	41.74 3.02 6.49	32.96 2.09 1.14	49.11 2.80 0.00	31.48 1.80 0.80	26.80 1.71 2.25	25.61 1.53 2.01
LOCKPORT_115KV_TB60_63_64 80432	25.48 -2.08 0.00	21.12 -1.74 0.00	23.65 -1.80 0.00	17.95 -1.45 0.00	21.59 -1.71 0.00	21.80 -1.80 0.00	23.58 -2.27 0.22	25.26 -2.73 0.00	22.59 -2.55 0.00	24.95 -2.45 0.00	24.45 -2.12 0.58	10.31 -1.64 16.08	8.06 -1.35 14.78	-0.73 -1.45 30.66	-0.07 -1.48 31.42	-0.34 -1.69 38.61	2.97 -1.58 34.27	1.95 -2.42 38.05	10.15 -3.44 31.63	23.48 -3.01 5.51	42.24 -4.07 0.00	23.75 -2.83 3.90	14.10 -2.35 10.90	14.52 -1.82 9.75
LOCKPORT___CC1 323769	25.48 -2.08 0.00	21.13 -1.73 0.00	23.67 -1.78 0.00	17.95 -1.45 0.00	21.60 -1.70 0.00	21.80 -1.79 0.00	23.58 -2.27 0.22	25.26 -2.73 0.00	22.63 -2.51 0.00	24.96 -2.44 0.00	24.45 -2.12 0.58	10.27 -1.68 16.08	8.04 -1.38 14.78	-0.67 -1.41 30.64	-0.05 -1.47 31.41	-0.36 -1.73 38.60	2.97 -1.59 34.25	1.88 -2.51 38.04	10.10 -3.49 31.63	23.48 -3.01 5.51	42.24 -4.07 0.00	23.74 -2.84 3.90	14.03 -2.40 10.91	14.47 -1.88 9.74
LOCKPORT___CC2 323770	25.48 -2.08 0.00	21.13 -1.73 0.00	23.67 -1.78 0.00	17.95 -1.45 0.00	21.60 -1.70 0.00	21.80 -1.79 0.00	23.58 -2.27 0.22	25.26 -2.73 0.00	22.63 -2.51 0.00	24.96 -2.44 0.00	24.45 -2.12 0.58	10.27 -1.68 16.08	8.04 -1.38 14.78	-0.67 -1.41 30.64	-0.05 -1.47 31.41	-0.36 -1.73 38.60	2.97 -1.59 34.25	1.88 -2.51 38.04	10.10 -3.49 31.63	23.48 -3.01 5.51	42.24 -4.07 0.00	23.74 -2.84 3.90	14.03 -2.40 10.91	14.47 -1.88 9.74
LOCKPORT___CC3 323771	25.48 -2.08 0.00	21.13 -1.73 0.00	23.67 -1.78 0.00	17.95 -1.45 0.00	21.60 -1.70 0.00	21.80 -1.79 0.00	23.58 -2.27 0.22	25.26 -2.73 0.00	22.63 -2.51 0.00	24.96 -2.44 0.00	24.45 -2.12 0.58	10.27 -1.68 16.08	8.04 -1.38 14.78	-0.67 -1.41 30.64	-0.05 -1.47 31.41	-0.36 -1.73 38.60	2.97 -1.59 34.25	1.88 -2.51 38.04	10.10 -3.49 31.63	23.48 -3.01 5.51	42.24 -4.07 0.00	23.74 -2.84 3.90	14.03 -2.40 10.91	14.47 -1.88 9.74
LOCUSVLY_69_KV_BK2 55797	29.69 2.13 0.00	24.67 1.81 0.00	27.26 1.81 0.00	20.81 1.41 0.00	24.99 1.69 0.00	25.41 1.82 0.00	28.13 2.11 0.04	30.37 2.38 0.00	27.04 1.89 0.00	29.34 1.94 0.00	29.13 2.09 0.12	26.91 2.25 3.38	23.02 2.05 3.23	27.67 2.67 6.38	29.09 2.82 6.56	35.37 3.35 7.95	34.94 3.16 7.04	38.10 3.51 7.84	42.21 3.49 6.49	33.26 2.39 1.14	49.51 3.20 0.00	31.72 2.04 0.80	27.03 1.94 2.25	25.84 1.75 2.01
LONG_LAKE_PHOENIX 24014	26.52 -1.05 0.00	21.97 -0.89 0.00	24.45 -0.99 0.00	18.65 -0.75 0.00	22.44 -0.86 0.00	22.70 -0.90 0.00	24.54 -1.01 0.52	26.90 -1.09 0.00	24.12 -1.02 0.00	26.21 -1.19 0.00	24.53 -1.18 1.45	-12.22 -1.24 39.01	-12.38 -1.10 35.47	-43.54 -1.37 73.55	-43.93 -1.37 75.39	-54.44 -1.72 92.68	-45.08 -1.65 82.25	-50.96 -1.81 91.58	-32.59 -1.92 75.89	17.44 -1.28 13.28	44.51 -1.80 0.00	19.84 -1.24 9.39	-0.15 -1.13 26.37	1.51 -1.09 23.49
LOVETT___3 23632	29.14 1.57 0.00	24.20 1.34 0.00	26.76 1.31 0.00	20.45 1.05 0.00	24.56 1.26 0.00	24.95 1.36 0.00	27.64 1.62 0.04	29.88 1.89 0.00	26.71 1.57 0.00	28.97 1.56 0.00	28.63 1.60 0.13	26.33 1.77 3.46	22.66 1.55 3.09	27.00 2.17 6.54	28.57 2.41 6.67	34.57 2.76 8.15	34.29 2.71 7.23	37.35 2.97 8.04	41.46 2.91 6.67	32.83 1.98 1.17	48.89 2.58 0.00	31.30 1.64 0.82	26.54 1.51 2.31	25.38 1.35 2.06
LOVETT___4 23642	29.14 1.57 0.00	24.20 1.34 0.00	26.76 1.31 0.00	20.45 1.05 0.00	24.56 1.26 0.00	24.95 1.36 0.00	27.64 1.62 0.04	29.88 1.89 0.00	26.71 1.57 0.00	28.97 1.56 0.00	28.63 1.60 0.13	26.33 1.77 3.46	22.66 1.55 3.09	27.00 2.17 6.54	28.57 2.41 6.67	34.57 2.76 8.15	34.29 2.71 7.23	37.35 2.97 8.04	41.46 2.91 6.67	32.83 1.98 1.17	48.89 2.58 0.00	31.30 1.64 0.82	26.54 1.51 2.31	25.38 1.35 2.06
LOVETT___5 23593	29.14 1.57 0.00	24.20 1.34 0.00	26.76 1.31 0.00	20.45 1.05 0.00	24.56 1.26 0.00	24.95 1.36 0.00	27.64 1.62 0.04	29.88 1.89 0.00	26.71 1.57 0.00	28.97 1.56 0.00	28.63 1.60 0.13	26.33 1.77 3.46	22.66 1.55 3.09	27.00 2.17 6.54	28.57 2.41 6.67	34.57 2.76 8.15	34.29 2.71 7.23	37.35 2.97 8.04	41.46 2.91 6.67	32.83 1.98 1.17	48.89 2.58 0.00	31.30 1.64 0.82	26.54 1.51 2.31	25.38 1.35 2.06
LOWER RAQUET___HYD 24057	26.77 -0.79 0.00	22.25 -0.61 0.00	24.94 -0.51 0.00	19.10 -0.31 0.00	22.91 -0.39 0.00	22.98 -0.62 0.00	25.24 -0.75 0.08	26.91 -1.09 0.00	24.22 -0.92 0.00	26.60 -0.81 0.00	26.32 -0.61 0.23	21.27 -0.63 6.13	18.26 -0.36 5.57	19.21 -0.60 11.56	20.28 -0.70 11.85	24.72 -0.68 14.56	24.82 -1.07 12.92	26.70 -1.33 14.40	32.00 -1.28 11.93	29.05 -0.87 2.09	45.28 -1.03 0.00	28.40 -0.60 1.48	22.69 -0.51 4.15	21.91 -0.48 3.69
LOWER___HUDSON 24059	28.32 0.75 0.00	23.49 0.63 0.00	25.96 0.51 0.00	19.92 0.52 0.00	23.85 0.55 0.00	24.10 0.50 0.00	26.68 0.63 0.03	28.82 0.82 0.00	25.73 0.58 0.00	27.77 0.36 0.00	27.22 0.15 0.08	25.78 0.04 2.29	22.10 -0.02 2.08	27.10 0.04 4.32	28.64 0.25 4.44	34.70 0.21 5.47	34.15 0.19 4.86	37.47 0.44 5.40	41.35 0.60 4.47	31.64 0.41 0.78	46.80 0.49 0.00	30.39 0.46 0.55	26.26 0.45 1.54	25.10 0.39 1.37
LOWVILLE_115KV_TB2 356335	26.97 -0.59 0.00	22.38 -0.48 0.00	24.92 -0.53 0.00	19.09 -0.31 0.00	23.04 -0.26 0.00	23.27 -0.33 0.00	25.51 -0.37 0.19	27.48 -0.51 0.00	24.84 -0.30 0.00	26.98 -0.42 0.00	26.21 -0.44 0.51	13.59 -0.69 13.75	11.18 -0.52 12.50	4.77 -0.69 25.92	5.58 -0.69 26.57	6.43 -0.87 32.66	8.92 -0.92 28.98	9.26 -0.87 32.29	17.67 -0.78 26.76	27.06 -0.27 4.69	45.69 -0.62 0.00	26.56 -0.61 3.31	17.45 -0.60 9.30	17.23 -0.58 8.28
LUTHERFT_115KV_GLOB_FND_222 355753	28.65 1.09 0.00	23.73 0.88 0.00	26.26 0.82 0.00	20.13 0.73 0.00	24.14 0.84 0.00	24.42 0.83 0.00	27.08 1.04 0.03	29.24 1.24 0.00	26.10 0.96 0.00	28.13 0.73 0.00	27.60 0.53 0.09	26.17 0.44 2.30	22.44 0.34 2.10	27.53 0.51 4.35	29.14 0.78 4.47	35.39 0.92 5.51	34.87 0.94 4.89	38.28 1.29 5.44	42.29 1.57 4.50	32.31 1.09 0.79	47.73 1.42 0.00	30.93 1.00 0.55	26.71 0.90 1.54	25.52 0.80 1.37



LUTHERNY_35_KV_BK2 355980	28.69 1.12 0.00	23.73 0.88 0.00	26.26 0.81 0.00	20.13 0.73 0.00	24.15 0.85 0.00	24.45 0.85 0.00	27.10 1.05 0.03	29.27 1.27 0.00	26.12 0.97 0.00	28.15 0.75 0.00	27.63 0.55 0.09	26.21 0.48 2.30	22.46 0.36 2.10	27.55 0.53 4.35	29.17 0.81 4.47	35.44 0.97 5.51	34.91 0.99 4.89	38.35 1.36 5.44	42.37 1.66 4.50	32.35 1.13 0.79	47.78 1.47 0.00	30.94 1.01 0.55	26.72 0.91 1.54	25.54 0.82 1.37
LWR___OSWEGATCHIE_HYD 23850	26.68 -0.88 0.00	22.14 -0.72 0.00	24.67 -0.78 0.00	18.90 -0.50 0.00	22.74 -0.56 0.00	22.88 -0.71 0.00	25.11 -0.81 0.15	26.92 -1.07 0.00	24.29 -0.86 0.00	26.51 -0.90 0.00	25.95 -0.80 0.41	16.13 -0.98 10.92	13.56 -0.71 9.93	9.79 -1.00 20.58	10.66 -1.07 21.10	12.80 -1.23 25.94	14.36 -1.44 23.01	15.21 -1.58 25.64	22.47 -1.50 21.25	27.40 -0.89 3.72	45.04 -1.27 0.00	26.94 -0.90 2.63	19.14 -0.83 7.39	18.71 -0.80 6.58
LYONS_FALL_HYD 23570	27.32 -0.25 0.00	22.65 -0.20 0.00	25.22 -0.23 0.00	19.29 -0.11 0.00	23.25 -0.05 0.00	23.51 -0.09 0.00	25.84 -0.07 0.16	27.86 -0.13 0.00	25.13 -0.02 0.00	27.30 -0.11 0.00	26.59 -0.13 0.45	15.73 -0.28 12.02	13.06 -0.21 10.93	8.46 -0.25 22.66	9.35 -0.25 23.23	11.10 -0.31 28.56	13.15 -0.32 25.34	13.96 -0.22 28.24	21.66 -0.15 23.41	27.98 0.07 4.10	46.25 -0.05 0.00	27.40 -0.18 2.90	19.00 -0.21 8.13	18.62 -0.22 7.25
MADISON___COUNTY_LFGE 323628	27.84 0.27 0.00	23.07 0.21 0.00	25.65 0.21 0.00	19.58 0.17 0.00	23.58 0.28 0.00	23.88 0.29 0.00	26.23 0.40 0.24	28.43 0.44 0.00	25.56 0.41 0.00	27.75 0.34 0.00	26.80 0.30 0.66	10.62 0.28 17.69	8.30 0.18 16.09	-1.68 0.30 33.36	-1.02 0.34 34.19	-1.68 0.38 42.03	1.98 0.46 37.30	1.52 0.67 41.58	11.49 0.75 34.47	26.55 0.58 6.03	47.11 0.80 0.00	26.68 0.46 4.27	15.75 0.38 11.98	15.73 0.31 10.67
MALONE___115KV_TB1 356076	27.13 -0.43 0.00	22.47 -0.39 0.00	25.09 -0.36 0.00	19.16 -0.24 0.00	22.95 -0.35 0.00	23.11 -0.48 0.00	25.47 -0.54 0.05	27.18 -0.81 0.00	24.47 -0.68 0.00	26.94 -0.47 0.00	26.80 -0.23 0.13	24.14 -0.27 3.63	20.75 -0.14 3.30	24.16 -0.37 6.84	25.41 -0.41 7.01	31.03 -0.32 8.62	30.67 -0.50 7.65	33.31 -0.60 8.52	37.79 -0.36 7.06	30.46 -0.31 1.24	46.14 -0.17 0.00	29.56 -0.04 0.87	24.77 -0.12 2.45	23.80 -0.11 2.19
MAPLEWOD_115KV_TB3 80458	28.20 0.63 0.00	23.41 0.55 0.00	25.90 0.46 0.00	19.86 0.46 0.00	23.79 0.49 0.00	24.04 0.45 0.00	26.58 0.54 0.03	28.70 0.71 0.00	25.66 0.51 0.00	27.71 0.31 0.00	27.22 0.15 0.09	25.76 0.09 2.36	22.07 0.02 2.15	26.99 0.07 4.46	28.51 0.25 4.57	34.56 0.23 5.63	34.03 0.22 5.01	37.30 0.44 5.57	41.14 0.53 4.60	31.60 0.40 0.81	46.67 0.36 0.00	30.30 0.39 0.56	26.15 0.39 1.58	25.03 0.35 1.41
MAPLE_RIDGE_WT_1 323574	27.18 -0.39 0.00	22.59 -0.27 0.00	25.17 -0.28 0.00	19.21 -0.19 0.00	23.11 -0.19 0.00	23.34 -0.25 0.00	25.56 -0.48 0.03	27.28 -0.71 0.00	24.59 -0.55 0.00	26.88 -0.53 0.00	26.64 -0.45 0.07	25.59 -0.55 1.89	22.06 -0.42 1.72	27.22 -0.59 3.57	28.49 -0.68 3.65	34.65 -0.82 4.49	33.93 -0.90 3.99	36.95 -1.04 4.44	40.53 -1.00 3.68	30.72 -0.64 0.64	45.23 -1.08 0.00	29.31 -0.72 0.46	25.29 -0.78 1.28	24.26 -0.70 1.14
MAPLE_RIDGE_WT_2 323611	27.18 -0.39 0.00	22.59 -0.27 0.00	25.17 -0.28 0.00	19.21 -0.19 0.00	23.11 -0.19 0.00	23.34 -0.25 0.00	25.56 -0.48 0.03	27.28 -0.71 0.00	24.59 -0.55 0.00	26.88 -0.53 0.00	26.64 -0.45 0.07	25.59 -0.55 1.89	22.06 -0.42 1.72	27.22 -0.59 3.57	28.49 -0.68 3.65	34.65 -0.82 4.49	33.93 -0.90 3.99	36.95 -1.04 4.44	40.53 -1.00 3.68	30.72 -0.64 0.64	45.23 -1.08 0.00	29.31 -0.72 0.46	25.29 -0.78 1.28	24.26 -0.70 1.14
MARBLE_RIVER_WT_PWR 323696	27.07 -0.50 0.00	22.39 -0.46 0.00	24.98 -0.47 0.00	19.08 -0.32 0.00	22.83 -0.47 0.00	23.01 -0.59 0.00	25.36 -0.68 0.03	27.01 -0.98 0.00	24.29 -0.86 0.00	26.72 -0.69 0.00	26.63 -0.44 0.09	25.11 -0.49 2.43	21.60 -0.39 2.21	26.14 -0.66 4.58	27.47 -0.66 4.69	33.50 -0.69 5.77	32.92 -0.77 5.12	35.86 -0.86 5.71	39.92 -0.57 4.73	30.69 -0.49 0.83	45.86 -0.45 0.00	29.69 -0.20 0.58	25.45 -0.25 1.64	24.43 -0.20 1.46
MARSHVLE_115KV_TB1 80742	28.39 0.82 0.00	23.49 0.63 0.00	26.24 0.79 0.00	19.99 0.59 0.00	24.05 0.75 0.00	24.36 0.77 0.00	26.93 0.88 0.03	29.44 1.44 0.00	25.85 0.71 0.00	28.14 0.74 0.00	27.65 0.63 0.14	24.87 0.58 3.75	21.26 0.48 3.42	24.97 0.68 7.09	26.20 0.63 7.27	31.95 0.93 8.94	32.12 1.24 7.94	35.08 1.48 8.83	39.65 1.75 7.31	32.04 1.31 1.28	48.25 1.94 0.00	30.81 1.23 0.89	25.89 1.05 2.51	24.98 1.12 2.23
MARSH_HILL_WT_PWR 323713	25.80 -1.77 0.00	21.70 -1.15 0.00	24.44 -1.01 0.00	18.64 -0.76 0.00	22.44 -0.86 0.00	22.52 -1.08 0.00	24.58 -1.24 0.26	26.59 -1.40 0.00	23.99 -1.15 0.00	26.06 -1.35 0.00	25.14 -1.34 0.68	8.15 -1.39 18.49	6.02 -1.27 16.91	-5.46 -1.77 35.07	-5.18 -2.06 35.94	-6.95 -2.74 44.18	-3.22 -2.84 39.20	-4.57 -3.44 43.55	6.16 -3.60 35.45	23.53 -2.16 6.31	43.81 -2.50 0.00	24.52 -1.49 4.46	13.51 -1.34 12.50	13.72 -1.21 11.16
MCINTYRE_115KV_TB2 80467	27.63 0.07 0.00	22.92 0.06 0.00	25.67 0.22 0.00	19.58 0.17 0.00	23.48 0.18 0.00	23.63 0.04 0.00	26.09 0.10 0.07	27.89 -0.10 0.00	25.04 -0.10 0.00	27.40 0.00 0.00	27.05 0.08 0.20	22.71 0.02 5.33	19.47 0.12 4.85	21.32 0.00 10.05	22.41 -0.11 10.31	27.43 0.14 12.67	27.40 -0.18 11.24	29.66 -0.24 12.53	34.78 -0.06 10.38	30.20 0.01 1.82	46.66 0.36 0.00	29.45 0.26 1.29	23.89 0.15 3.61	23.01 0.13 3.21
MECO_____69_KV_BK1 80468	28.78 1.22 0.00	23.81 0.96 0.00	26.52 1.07 0.00	20.24 0.84 0.00	24.36 1.06 0.00	24.68 1.09 0.00	27.34 1.29 0.03	29.68 1.68 0.00	26.20 1.05 0.00	28.17 0.77 0.00	27.39 0.35 0.12	24.99 0.16 3.20	21.30 0.02 2.92	25.44 0.12 6.05	26.87 0.24 6.20	33.07 0.74 7.64	33.26 1.22 6.78	36.69 1.80 7.54	41.30 2.33 6.24	32.68 1.76 1.09	48.84 2.53 0.00	31.34 1.62 0.76	26.58 1.37 2.14	25.51 1.32 1.90
MENANDS___115KV_TB5 355628	28.08 0.51 0.00	23.32 0.46 0.00	25.80 0.35 0.00	19.79 0.39 0.00	23.70 0.40 0.00	23.95 0.35 0.00	26.46 0.42 0.03	28.56 0.57 0.00	25.54 0.39 0.00	27.59 0.19 0.00	27.11 0.04 0.09	25.66 -0.02 2.36	21.99 -0.06 2.15	26.89 -0.03 4.46	28.39 0.13 4.57	34.39 0.06 5.64	33.84 0.03 5.01	37.05 0.20 5.57	40.86 0.24 4.61	31.41 0.21 0.81	46.36 0.05 0.00	30.12 0.21 0.56	26.01 0.24 1.58	24.89 0.21 1.41
MG INDUSTRY___DRP 24185	28.06 0.50 0.00	23.31 0.45 0.00	25.85 0.40 0.00	19.79 0.39 0.00	23.76 0.46 0.00	23.97 0.38 0.00	26.47 0.43 0.03	28.50 0.50 0.00	25.45 0.31 0.00	27.53 0.12 0.00	27.04 -0.03 0.09	25.41 -0.13 2.49	21.73 -0.21 2.26	26.43 -0.24 4.70	27.93 -0.09 4.81	33.88 -0.16 5.91	33.69 0.04 5.17	36.90 0.22 5.75	40.65 0.27 4.84	31.41 0.24 0.85	46.52 0.21 0.00	30.12 0.24 0.60	25.95 0.28 1.67	24.87 0.27 1.49



MID___OSWEGATCHIE_HYD 23849	26.68 -0.88 0.00	22.14 -0.72 0.00	24.67 -0.78 0.00	18.90 -0.50 0.00	22.74 -0.56 0.00	22.88 -0.71 0.00	25.11 -0.81 0.15	26.92 -1.07 0.00	24.29 -0.86 0.00	26.51 -0.90 0.00	25.95 -0.80 0.41	16.13 -0.98 10.92	13.56 -0.71 9.93	9.79 -1.00 20.58	10.66 -1.07 21.10	12.80 -1.23 25.94	14.36 -1.44 23.01	15.21 -1.58 25.64	22.47 -1.50 21.25	27.40 -0.89 3.72	45.04 -1.27 0.00	26.94 -0.90 2.63	19.14 -0.83 7.39	18.71 -0.80 6.58
MID___RAQUETTE_HYD 23851	26.77 -0.79 0.00	22.25 -0.61 0.00	24.94 -0.51 0.00	19.10 -0.31 0.00	22.92 -0.39 0.00	22.98 -0.62 0.00	25.24 -0.75 0.08	26.91 -1.09 0.00	24.22 -0.92 0.00	26.60 -0.81 0.00	26.32 -0.61 0.23	21.27 -0.63 6.13	18.27 -0.36 5.57	19.22 -0.60 11.56	20.28 -0.70 11.85	24.72 -0.69 14.56	24.82 -1.07 12.92	26.69 -1.34 14.40	32.01 -1.28 11.93	29.05 -0.87 2.09	45.28 -1.03 0.00	28.40 -0.60 1.48	22.69 -0.51 4.15	21.92 -0.48 3.69
MILLIKEN___1 23584	27.36 -0.20 0.00	22.69 -0.16 0.00	25.28 -0.17 0.00	19.25 -0.15 0.00	23.19 -0.11 0.00	23.49 -0.10 0.00	25.64 -0.07 0.36	27.96 -0.04 0.00	25.06 -0.09 0.00	27.20 -0.21 0.00	25.91 -0.28 0.96	1.84 -0.32 25.87	0.33 -0.34 23.53	-17.92 -0.50 48.79	-17.67 -0.49 50.01	-22.18 -0.67 61.48	-16.47 -0.73 54.55	-18.87 -0.70 60.59	-5.44 -0.54 50.12	22.99 -0.24 8.78	46.14 -0.16 0.00	24.12 -0.15 6.21	9.77 -0.15 17.43	10.40 -0.17 15.53
MILLIKEN___2 23585	27.36 -0.20 0.00	22.69 -0.16 0.00	25.28 -0.17 0.00	19.25 -0.15 0.00	23.19 -0.11 0.00	23.49 -0.10 0.00	25.64 -0.07 0.36	27.96 -0.04 0.00	25.06 -0.09 0.00	27.20 -0.21 0.00	25.91 -0.28 0.96	1.84 -0.32 25.87	0.33 -0.34 23.53	-17.92 -0.50 48.79	-17.67 -0.49 50.01	-22.18 -0.67 61.48	-16.47 -0.73 54.55	-18.87 -0.70 60.59	-5.44 -0.54 50.12	22.99 -0.24 8.78	46.14 -0.16 0.00	24.12 -0.15 6.21	9.77 -0.15 17.43	10.40 -0.17 15.53
MILLIKEN___DIESEL 23629	27.36 -0.20 0.00	22.69 -0.16 0.00	25.28 -0.17 0.00	19.25 -0.15 0.00	23.19 -0.11 0.00	23.49 -0.10 0.00	25.64 -0.07 0.36	27.96 -0.04 0.00	25.06 -0.09 0.00	27.20 -0.21 0.00	25.91 -0.28 0.96	1.84 -0.32 25.87	0.33 -0.34 23.53	-17.92 -0.50 48.79	-17.67 -0.49 50.01	-22.18 -0.67 61.48	-16.47 -0.73 54.55	-18.87 -0.70 60.59	-5.44 -0.54 50.12	22.99 -0.24 8.78	46.14 -0.16 0.00	24.12 -0.15 6.21	9.77 -0.15 17.43	10.40 -0.17 15.53
MILLSEAT___LFGE 323607	26.04 -1.52 0.00	21.57 -1.29 0.00	24.15 -1.30 0.00	18.32 -1.08 0.00	22.06 -1.24 0.00	22.32 -1.27 0.00	24.24 -1.61 0.22	26.03 -1.97 0.00	23.30 -1.85 0.00	25.62 -1.79 0.00	24.96 -1.61 0.58	10.67 -1.25 16.11	8.31 -1.07 14.82	-0.43 -1.08 30.73	0.14 -1.20 31.49	-0.18 -1.44 38.71	3.21 -1.25 34.35	2.23 -2.06 38.14	10.75 -2.79 31.68	24.21 -2.27 5.52	43.49 -2.82 0.00	24.56 -2.01 3.91	14.70 -1.70 10.94	15.03 -1.29 9.77
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.20 1.64 0.00	24.27 1.41 0.00	26.82 1.37 0.00	20.50 1.10 0.00	24.61 1.31 0.00	25.00 1.41 0.00	27.68 1.65 0.04	29.92 1.93 0.00	26.75 1.61 0.00	29.00 1.59 0.00	28.66 1.62 0.13	26.43 1.79 3.40	22.75 1.57 3.02	27.13 2.18 6.42	28.70 2.41 6.54	34.73 2.75 7.99	34.43 2.70 7.09	37.50 2.96 7.88	41.60 2.92 6.53	32.86 1.99 1.14	48.89 2.58 0.00	31.34 1.67 0.81	26.61 1.53 2.27	25.44 1.37 2.02
MILLWOOD_13_KV_LOAD 356217	29.24 1.68 0.00	24.30 1.44 0.00	26.85 1.40 0.00	20.52 1.12 0.00	24.64 1.34 0.00	25.04 1.44 0.00	27.72 1.69 0.04	29.96 1.96 0.00	26.78 1.64 0.00	29.03 1.63 0.00	28.69 1.65 0.13	26.45 1.82 3.40	22.78 1.60 3.02	27.16 2.21 6.42	28.73 2.45 6.54	34.77 2.79 7.99	34.47 2.74 7.09	37.57 3.02 7.88	41.68 2.99 6.53	32.91 2.04 1.14	48.98 2.68 0.00	31.38 1.71 0.81	26.65 1.57 2.27	25.47 1.40 2.02
MODEL_CITY_ENERGY 24167	25.24 -2.33 0.00	20.92 -1.94 0.00	23.44 -2.01 0.00	17.78 -1.62 0.00	21.39 -1.91 0.00	21.59 -2.01 0.00	23.33 -2.52 0.22	24.96 -3.04 0.00	22.35 -2.80 0.00	24.67 -2.73 0.00	24.21 -2.36 0.58	10.13 -1.84 16.06	7.92 -1.52 14.76	-0.78 -1.57 30.59	-0.15 -1.62 31.36	-0.48 -1.91 38.54	2.85 -1.77 34.20	1.75 -2.69 37.98	9.91 -3.73 31.58	23.19 -3.31 5.50	41.75 -4.56 0.00	23.44 -3.15 3.89	13.88 -2.60 10.86	14.31 -2.05 9.73
MODERN_LFGE___ 323580	25.24 -2.33 0.00	20.92 -1.94 0.00	23.44 -2.01 0.00	17.78 -1.62 0.00	21.39 -1.91 0.00	21.59 -2.01 0.00	23.33 -2.52 0.22	24.96 -3.04 0.00	22.35 -2.80 0.00	24.67 -2.73 0.00	24.21 -2.36 0.58	10.13 -1.84 16.06	7.92 -1.52 14.76	-0.78 -1.57 30.59	-0.15 -1.62 31.36	-0.48 -1.91 38.54	2.85 -1.77 34.20	1.75 -2.69 37.98	9.91 -3.73 31.58	23.19 -3.31 5.50	41.75 -4.56 0.00	23.44 -3.15 3.89	13.88 -2.60 10.86	14.31 -2.05 9.73
MOHAWK_PAPER___DRP 24187	28.20 0.63 0.00	23.41 0.55 0.00	25.90 0.46 0.00	19.86 0.46 0.00	23.79 0.49 0.00	24.04 0.45 0.00	26.58 0.54 0.03	28.70 0.71 0.00	25.66 0.51 0.00	27.71 0.31 0.00	27.22 0.15 0.09	25.76 0.09 2.36	22.07 0.02 2.15	26.99 0.07 4.46	28.51 0.25 4.57	34.56 0.23 5.63	34.03 0.22 5.01	37.30 0.44 5.57	41.14 0.53 4.60	31.60 0.40 0.81	46.67 0.36 0.00	30.30 0.39 0.56	26.15 0.39 1.58	25.03 0.35 1.41
MOHICAN___35_KV_115KV_LD 80490	28.72 1.16 0.00	23.79 0.93 0.00	26.23 0.79 0.00	20.16 0.76 0.00	24.15 0.85 0.00	24.47 0.87 0.00	27.21 1.16 0.03	29.44 1.45 0.00	26.24 1.10 0.00	28.15 0.75 0.00	27.60 0.53 0.09	26.15 0.43 2.31	22.42 0.32 2.10	27.52 0.51 4.36	29.26 0.90 4.47	35.49 1.03 5.51	35.02 1.10 4.89	38.52 1.53 5.44	42.72 2.00 4.50	32.59 1.37 0.79	48.14 1.83 0.00	31.19 1.26 0.55	26.90 1.09 1.54	25.68 0.96 1.37
MONGAUP___HYD 23641	29.01 1.45 0.00	24.06 1.20 0.00	26.64 1.19 0.00	20.34 0.94 0.00	24.44 1.14 0.00	24.75 1.16 0.00	27.10 1.08 0.05	29.22 1.23 0.00	26.00 0.85 0.00	28.04 0.64 0.00	27.85 0.83 0.13	25.31 0.92 3.64	21.69 0.82 3.32	25.66 1.18 6.89	27.16 1.38 7.05	32.58 1.23 8.61	32.36 1.19 7.64	35.31 1.39 8.50	39.75 1.58 7.04	32.08 1.31 1.23	48.16 1.84 0.00	30.81 1.20 0.87	26.08 1.18 2.45	25.03 1.11 2.18
MONTAUK___DIESEL 23721	29.74 2.18 0.00	24.60 1.75 0.00	27.15 1.70 0.00	20.74 1.34 0.00	24.90 1.61 0.00	25.38 1.79 0.00	28.14 2.11 0.04	30.39 2.39 0.00	26.90 1.76 0.00	29.02 1.62 0.00	28.82 1.78 0.12	27.26 2.60 3.38	23.63 2.66 3.23	27.65 2.65 6.38	28.26 1.99 6.56	34.62 2.60 7.95	34.36 2.59 7.04	38.09 3.50 7.84	42.45 3.72 6.49	33.36 2.49 1.14	49.44 3.13 0.00	31.50 1.83 0.80	26.69 1.60 2.25	25.42 1.33 2.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.76 -0.80 0.00	22.13 -0.73 0.00	24.87 -0.58 0.00	18.92 -0.48 0.00	22.81 -0.49 0.00	23.10 -0.49 0.00	25.26 -0.58 0.23	27.26 -0.74 0.00	24.41 -0.73 0.00	26.90 -0.50 0.00	26.17 -0.38 0.61	11.32 -0.10 16.61	8.88 -0.08 15.23	-0.17 0.03 31.58	0.42 -0.04 32.37	0.08 -0.10 39.78	3.40 -0.12 35.30	2.56 -0.65 39.21	11.31 -1.30 32.60	25.18 -1.15 5.68	44.87 -1.45 0.00	25.32 -1.14 4.01	15.19 -0.94 11.22	15.28 -0.76 10.05



MORRIS_RIDGE___SOLAR 323848	25.98 -1.59 0.00	21.68 -1.18 0.00	24.39 -1.06 0.00	18.56 -0.84 0.00	22.33 -0.97 0.00	22.44 -1.15 0.00	24.38 -1.45 0.24	26.32 -1.68 0.00	23.75 -1.39 0.00	25.89 -1.51 0.00	25.02 -1.50 0.65	8.92 -1.51 17.60	6.70 -1.38 16.12	-3.83 -1.79 33.42	-3.41 -1.99 34.25	-4.66 -2.53 42.09	-1.07 -2.53 37.36	-2.24 -3.16 41.50	6.46 -3.53 35.23	23.77 -2.22 6.01	43.63 -2.68 0.00	24.46 -1.77 4.25	13.91 -1.53 11.91	14.15 -1.31 10.63
MORTIMER_115KV_TB3 55949	26.27 -1.30 0.00	21.75 -1.11 0.00	24.29 -1.16 0.00	18.46 -0.94 0.00	22.22 -1.08 0.00	22.49 -1.10 0.00	24.50 -1.35 0.22	26.41 -1.59 0.00	23.65 -1.49 0.00	25.93 -1.47 0.00	25.21 -1.37 0.58	10.60 -1.24 16.19	8.22 -1.04 14.94	-0.81 -1.22 30.97	-0.15 -1.24 31.74	-0.51 -1.46 39.01	2.80 -1.39 34.62	2.18 -1.82 38.43	11.12 -2.30 31.80	24.69 -1.75 5.57	44.01 -2.30 0.00	24.86 -1.68 3.94	14.76 -1.53 11.05	14.97 -1.27 9.84
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.38 1.82 0.00	24.42 1.56 0.00	26.97 1.52 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.17 1.58 0.00	27.88 1.86 0.04	30.15 2.15 0.00	26.97 1.82 0.00	29.25 1.85 0.00	28.93 1.89 0.12	26.75 2.09 3.37	26.07 1.83 -0.04	27.51 2.51 6.37	29.86 2.76 5.73	35.31 3.19 7.84	34.89 3.11 7.04	38.00 3.39 7.82	42.06 3.34 6.49	33.14 2.27 1.14	49.24 2.93 0.00	31.52 1.85 0.80	26.79 1.69 2.25	25.60 1.51 2.01
MUNSVILLE_WIND_PWR 323609	27.51 -0.06 0.00	22.95 0.10 0.00	25.66 0.21 0.00	19.50 0.10 0.00	23.51 0.21 0.00	23.83 0.24 0.00	26.27 0.50 0.30	28.99 1.00 0.00	25.94 0.80 0.00	28.08 0.67 0.00	26.73 0.27 0.70	9.17 -0.02 18.85	7.09 0.05 17.16	-4.42 -0.21 35.59	-3.69 -0.04 36.48	-4.93 -0.06 44.84	-0.92 0.05 39.79	-1.77 0.04 44.24	9.63 1.01 36.60	26.61 1.02 6.41	48.09 1.78 0.00	27.04 1.09 4.53	15.59 0.96 12.72	15.53 0.77 11.34
N SALMON___HYD 24042	27.13 -0.43 0.00	22.47 -0.39 0.00	25.09 -0.36 0.00	19.16 -0.24 0.00	22.95 -0.35 0.00	23.11 -0.48 0.00	25.47 -0.54 0.05	27.18 -0.81 0.00	24.47 -0.68 0.00	26.94 -0.47 0.00	26.80 -0.23 0.13	24.14 -0.26 3.63	20.75 -0.14 3.30	24.16 -0.37 6.84	25.41 -0.41 7.01	31.03 -0.32 8.62	30.67 -0.50 7.65	33.31 -0.60 8.52	37.80 -0.36 7.06	30.46 -0.31 1.24	46.14 -0.17 0.00	29.56 -0.04 0.87	24.77 -0.12 2.45	23.80 -0.11 2.19
N.AKRON__115KV_KNAPP 355671	25.98 -1.58 0.00	21.53 -1.33 0.00	24.10 -1.35 0.00	18.28 -1.12 0.00	22.02 -1.28 0.00	22.27 -1.33 0.00	24.17 -1.68 0.22	25.95 -2.05 0.00	23.21 -1.93 0.00	25.55 -1.86 0.00	24.93 -1.64 0.58	10.69 -1.24 16.10	8.35 -1.04 14.81	-0.42 -1.09 30.70	0.18 -1.18 31.47	-0.07 -1.36 38.68	3.39 -1.11 34.32	2.34 -1.98 38.11	10.75 -2.80 31.66	24.14 -2.34 5.52	43.34 -2.97 0.00	24.48 -2.10 3.90	14.67 -1.75 10.93	15.00 -1.33 9.76
N.E_GEN_SANDY PD 24062	29.16 0.91 -0.68	23.80 0.75 -0.19	25.85 0.61 0.20	21.03 0.64 -0.98	23.94 0.64 0.00	24.18 0.59 0.00	26.76 0.72 0.03	33.08 0.98 -4.11	25.83 0.69 0.00	27.84 0.43 0.00	27.23 0.15 0.09	25.65 0.04 2.42	21.95 -0.05 2.20	26.69 0.01 4.70	28.39 0.20 4.64	34.14 0.01 5.84	33.15 -0.07 5.59	36.80 0.14 5.77	40.80 0.36 4.77	31.33 0.22 0.89	46.52 0.21 0.00	30.55 0.35 0.27	26.07 0.38 1.65	24.94 0.32 1.47
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.41 1.84 0.00	24.39 1.53 0.00	26.94 1.49 0.00	20.54 1.14 0.00	24.66 1.36 0.00	25.05 1.46 0.00	27.75 1.73 0.04	30.00 2.01 0.00	26.83 1.68 0.00	29.09 1.69 0.00	28.76 1.73 0.13	26.45 1.90 3.49	22.75 1.67 3.11	27.13 2.34 6.59	28.73 2.62 6.72	34.76 3.01 8.21	34.52 2.99 7.28	37.62 3.29 8.10	41.76 3.25 6.71	33.02 2.19 1.18	49.20 2.89 0.00	31.48 1.83 0.83	26.69 1.67 2.33	25.50 1.49 2.08
N.QUEENS_27_KV_LOAD 356247	29.43 1.86 0.00	24.52 1.66 0.00	26.99 1.54 0.00	20.67 1.27 0.00	24.77 1.47 0.00	25.25 1.66 0.00	27.99 1.96 0.04	30.22 2.22 0.00	27.01 1.86 0.00	29.28 1.87 0.00	29.00 1.97 0.12	26.81 2.16 3.37	25.21 1.85 0.84	27.62 2.63 6.37	29.67 2.79 5.95	35.34 3.23 7.85	34.95 3.17 7.04	37.99 3.39 7.82	42.02 3.30 6.49	33.20 2.33 1.14	49.20 2.89 0.00	31.59 1.91 0.80	26.87 1.78 2.25	25.70 1.61 2.01
N.TROY___115KV_TB1 355778	28.32 0.75 0.00	23.49 0.63 0.00	25.96 0.51 0.00	19.92 0.52 0.00	23.85 0.55 0.00	24.10 0.50 0.00	26.68 0.63 0.03	28.82 0.82 0.00	25.73 0.59 0.00	27.77 0.36 0.00	27.22 0.15 0.08	25.78 0.04 2.29	22.09 -0.02 2.08	27.09 0.04 4.32	28.64 0.25 4.44	34.70 0.20 5.47	34.14 0.19 4.86	37.46 0.44 5.40	41.35 0.60 4.47	31.64 0.41 0.78	46.79 0.49 0.00	30.40 0.46 0.55	26.26 0.45 1.54	25.10 0.38 1.37
NARROWS_GT1_1 24228	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT1_2 24229	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT1_3 24230	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT1_4 24231	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT1_5 24232	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01



NARROWS_GT1_6 24233	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT1_7 24234	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT1_8 24235	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT2_1 24236	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT2_2 24237	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT2_3 24238	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT2_4 24239	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT2_5 24240	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT2_6 24241	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT2_7 24242	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NARROWS_GT2_8 24243	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.69 1.12 0.00	23.81 0.95 0.00	26.38 0.93 0.00	20.20 0.80 0.00	24.25 0.95 0.00	24.53 0.94 0.00	27.10 1.06 0.03	29.22 1.23 0.00	25.99 0.84 0.00	28.06 0.65 0.00	27.46 0.40 0.10	25.57 0.24 2.70	21.83 0.09 2.46	26.41 0.13 5.10	27.95 0.34 5.23	33.88 0.32 6.40	33.44 0.17 5.54	36.78 0.54 6.18	41.46 1.49 5.25	32.25 1.16 0.92	47.61 1.30 0.00	30.96 1.13 0.65	26.53 1.00 1.81	25.35 0.87 1.62
NCHELSEA_115KV_TR2 355582	29.29 1.73 0.00	24.29 1.43 0.00	26.87 1.42 0.00	20.53 1.13 0.00	24.65 1.35 0.00	25.03 1.44 0.00	27.73 1.70 0.04	29.97 1.97 0.00	26.78 1.64 0.00	29.01 1.60 0.00	28.62 1.59 0.12	26.38 1.71 3.37	22.63 1.50 3.07	27.09 2.08 6.37	28.69 2.37 6.51	34.75 2.75 7.97	34.50 2.75 7.07	37.68 3.12 7.86	41.84 3.15 6.52	33.04 2.17 1.14	49.20 2.89 0.00	31.52 1.85 0.80	26.76 1.68 2.26	25.57 1.50 2.02
NEG CAPITAL____MECHNVIL 23645	28.69 1.12 0.00	23.76 0.91 0.00	26.29 0.84 0.00	20.15 0.75 0.00	24.15 0.86 0.00	24.43 0.83 0.00	27.12 1.08 0.03	29.27 1.27 0.00	26.13 0.98 0.00	28.16 0.76 0.00	27.63 0.55 0.08	26.20 0.46 2.29	22.46 0.35 2.09	27.58 0.54 4.33	29.19 0.81 4.45	35.42 0.93 5.48	34.90 0.96 4.87	38.34 1.32 5.41	42.32 1.58 4.48	32.32 1.09 0.78	47.74 1.43 0.00	30.94 1.01 0.55	26.71 0.90 1.54	25.52 0.80 1.37
NEG CENTRAL_HIGH_ACRES 23767	25.93 -1.64 0.00	21.47 -1.39 0.00	23.96 -1.49 0.00	18.23 -1.17 0.00	21.94 -1.36 0.00	22.22 -1.37 0.00	24.21 -1.61 0.25	26.17 -1.83 0.00	23.45 -1.70 0.00	25.63 -1.78 0.00	24.83 -1.67 0.67	8.17 -1.63 18.23	6.10 -1.40 16.69	-4.93 -1.69 34.61	-4.42 -1.78 35.48	-5.78 -2.15 43.60	-1.92 -2.04 38.69	-2.96 -2.44 42.94	6.88 -2.80 35.53	23.74 -2.05 6.22	43.53 -2.78 0.00	24.10 -1.97 4.40	13.16 -1.83 12.35	13.49 -1.61 11.00



NEG CENTRAL___DRP 24199	26.74 -0.83 0.00	22.18 -0.68 0.00	24.74 -0.70 0.00	18.84 -0.57 0.00	22.69 -0.61 0.00	22.95 -0.64 0.00	25.00 -0.71 0.37	27.20 -0.79 0.00	24.41 -0.74 0.00	26.55 -0.85 0.00	25.29 -0.86 1.02	-0.04 -0.86 27.21	-1.33 -0.80 24.73	-20.97 -1.07 51.28	-20.84 -1.10 52.56	-26.05 -1.40 64.61	-19.94 -1.42 57.33	-22.69 -1.54 63.59	-8.93 -1.60 52.55	21.72 -1.08 9.21	44.86 -1.45 0.00	23.03 -0.94 6.51	8.20 -0.87 18.28	9.01 -0.80 16.28
NEG CENTRAL___INDECK 23768	26.80 -0.77 0.00	22.27 -0.59 0.00	24.98 -0.47 0.00	19.00 -0.40 0.00	22.91 -0.39 0.00	23.14 -0.46 0.00	25.27 -0.55 0.24	27.20 -0.79 0.00	24.44 -0.71 0.00	26.61 -0.79 0.00	25.62 -0.91 0.64	9.63 -0.95 17.45	7.29 -0.89 16.01	-2.90 -1.08 33.19	-2.38 -1.19 34.03	-3.40 -1.55 41.82	0.22 -1.49 37.11	-0.76 -1.97 41.22	9.43 -2.28 33.50	24.71 -1.32 5.97	45.21 -1.09 0.00	25.53 -0.73 4.22	14.79 -0.72 11.84	14.96 -0.58 10.56
NEG CENTRAL___SENECA 23627	26.75 -0.82 0.00	22.19 -0.66 0.00	24.78 -0.67 0.00	18.87 -0.53 0.00	22.74 -0.56 0.00	22.99 -0.60 0.00	25.11 -0.66 0.30	27.27 -0.73 0.00	24.48 -0.66 0.00	26.63 -0.78 0.00	25.57 -0.78 0.81	5.32 -0.75 21.96	3.45 -0.74 20.01	-11.11 -1.00 41.48	-10.77 -1.08 42.52	-13.67 -1.37 52.26	-8.95 -1.39 46.38	-10.62 -1.59 51.47	1.06 -1.66 42.50	23.50 -1.06 7.45	44.89 -1.42 0.00	24.30 -0.91 5.27	11.71 -0.83 14.80	12.15 -0.76 13.18
NEG CENTRAL___STATE_STREET 24147	26.97 -0.59 0.00	22.39 -0.47 0.00	24.93 -0.52 0.00	18.94 -0.46 0.00	22.80 -0.50 0.00	23.16 -0.44 0.00	25.16 -0.50 0.41	27.37 -0.62 0.00	24.58 -0.57 0.00	26.65 -0.75 0.00	25.21 -0.80 1.15	-3.55 -0.78 30.80	-4.47 -0.70 27.97	-27.59 -0.98 57.99	-27.54 -0.93 59.44	-34.26 -1.17 73.06	-27.29 -1.27 64.84	-30.65 -1.19 71.89	-15.40 -1.14 59.48	20.76 -0.84 10.41	45.29 -1.02 0.00	22.43 -0.68 7.36	6.05 -0.63 20.67	7.10 -0.58 18.41
NEG MILLWOOD___DRP 24198	29.35 1.78 0.00	24.32 1.47 0.00	26.90 1.45 0.00	20.55 1.15 0.00	24.68 1.38 0.00	25.07 1.47 0.00	27.76 1.73 0.04	30.01 2.02 0.00	26.82 1.68 0.00	29.07 1.66 0.00	28.68 1.64 0.12	26.50 1.78 3.31	22.73 1.55 3.02	27.26 2.15 6.26	28.85 2.43 6.41	34.98 2.88 7.87	34.69 2.85 6.98	37.86 3.20 7.76	42.00 3.22 6.43	33.10 2.22 1.13	49.23 2.92 0.00	31.57 1.89 0.80	26.83 1.71 2.23	25.62 1.52 1.99
NEG NORTH_FLCN_SEA 23793	27.33 -0.23 0.00	22.55 -0.31 0.00	25.15 -0.30 0.00	19.27 -0.14 0.00	23.02 -0.28 0.00	23.24 -0.35 0.00	25.65 -0.39 0.03	27.30 -0.70 0.00	24.58 -0.57 0.00	26.96 -0.45 0.00	26.89 -0.18 0.09	25.34 -0.22 2.47	21.79 -0.16 2.25	26.37 -0.35 4.66	27.75 -0.30 4.77	33.76 -0.34 5.87	33.25 -0.35 5.21	36.27 -0.36 5.80	40.40 0.00 4.81	31.04 -0.13 0.84	46.35 0.04 0.00	30.03 0.15 0.60	25.75 0.07 1.67	24.68 0.07 1.49
NEG NORTH_KES_CHATEGAY 23792	27.10 -0.46 0.00	22.43 -0.43 0.00	25.02 -0.43 0.00	19.10 -0.30 0.00	22.85 -0.45 0.00	23.03 -0.56 0.00	25.37 -0.66 0.04	27.03 -0.96 0.00	24.31 -0.83 0.00	26.77 -0.64 0.00	26.65 -0.41 0.10	24.80 -0.45 2.78	21.30 -0.37 2.53	25.49 -0.64 5.24	26.79 -0.67 5.38	32.63 -0.72 6.61	32.19 -0.76 5.86	35.05 -0.85 6.53	39.26 -0.54 5.41	30.59 -0.47 0.95	45.94 -0.37 0.00	29.65 -0.16 0.67	25.23 -0.23 1.88	24.24 -0.18 1.68
NEG NORTH___ALICE_FALLS 23915	27.31 -0.26 0.00	22.54 -0.32 0.00	25.14 -0.30 0.00	19.25 -0.16 0.00	23.01 -0.29 0.00	23.23 -0.36 0.00	25.64 -0.39 0.03	27.34 -0.65 0.00	24.61 -0.53 0.00	26.99 -0.41 0.00	26.91 -0.16 0.09	25.31 -0.20 2.52	21.77 -0.14 2.29	26.29 -0.33 4.75	27.65 -0.31 4.87	33.66 -0.31 5.99	33.18 -0.33 5.31	36.18 -0.32 5.92	40.35 0.04 4.91	31.08 -0.07 0.86	46.44 0.13 0.00	30.06 0.19 0.61	25.72 0.08 1.71	24.65 0.08 1.52
NEG NORTH___LWR_SARANAC 23913	27.31 -0.26 0.00	22.54 -0.32 0.00	25.14 -0.30 0.00	19.25 -0.16 0.00	23.01 -0.29 0.00	23.23 -0.36 0.00	25.64 -0.39 0.03	27.34 -0.65 0.00	24.61 -0.53 0.00	26.99 -0.41 0.00	26.91 -0.16 0.09	25.31 -0.20 2.52	21.77 -0.14 2.29	26.29 -0.33 4.75	27.65 -0.31 4.87	33.66 -0.31 5.99	33.18 -0.33 5.31	36.18 -0.32 5.92	40.35 0.04 4.91	31.08 -0.07 0.86	46.44 0.13 0.00	30.06 0.19 0.61	25.72 0.08 1.71	24.65 0.08 1.52
NEG NORTH___PLATTSBURG 23628	27.31 -0.26 0.00	22.54 -0.32 0.00	25.14 -0.30 0.00	19.24 -0.16 0.00	23.01 -0.29 0.00	23.23 -0.36 0.00	25.64 -0.39 0.03	27.35 -0.65 0.00	24.61 -0.54 0.00	26.99 -0.41 0.00	26.91 -0.16 0.09	25.31 -0.20 2.52	21.77 -0.14 2.29	26.29 -0.33 4.75	27.65 -0.31 4.87	33.67 -0.31 5.99	33.18 -0.32 5.31	36.19 -0.32 5.92	40.35 0.04 4.91	31.08 -0.07 0.86	46.44 0.13 0.00	30.06 0.19 0.61	25.72 0.08 1.71	24.65 0.08 1.52
NEG WEST_LEA_LOCKPORT 23791	25.49 -2.08 0.00	21.12 -1.73 0.00	23.67 -1.78 0.00	17.95 -1.45 0.00	21.60 -1.70 0.00	21.80 -1.79 0.00	23.58 -2.27 0.22	25.27 -2.72 0.00	22.61 -2.53 0.00	24.97 -2.44 0.00	24.46 -2.12 0.58	10.29 -1.67 16.08	8.05 -1.37 14.78	-0.74 -1.48 30.64	-0.09 -1.51 31.41	-0.35 -1.72 38.60	2.95 -1.62 34.25	1.92 -2.47 38.04	10.10 -3.48 31.63	23.49 -3.00 5.51	42.24 -4.07 0.00	23.74 -2.84 3.90	14.07 -2.37 10.91	14.49 -1.86 9.74
NEG WEST___LANCASTER 23811	26.34 -1.22 0.00	21.84 -1.02 0.00	24.45 -1.00 0.00	18.56 -0.84 0.00	22.38 -0.92 0.00	22.59 -1.00 0.00	24.56 -1.28 0.23	26.45 -1.55 0.00	23.69 -1.46 0.00	26.07 -1.33 0.00	25.40 -1.16 0.61	10.75 -0.71 16.56	8.41 -0.60 15.19	-0.71 -0.58 31.50	-0.04 -0.59 32.28	-0.41 -0.69 39.68	2.93 -0.67 35.21	2.10 -1.21 39.11	10.69 -1.99 32.53	24.55 -1.79 5.67	43.84 -2.46 0.00	24.72 -1.76 4.00	14.77 -1.39 11.19	15.03 -1.04 10.02
NEG_PENN_ALLEGHNY 23528	27.30 -0.27 0.00	22.64 -0.22 0.00	25.23 -0.22 0.00	19.24 -0.16 0.00	23.19 -0.11 0.00	23.43 -0.16 0.00	25.65 -0.15 0.27	27.93 -0.07 0.00	25.02 -0.13 0.00	27.19 -0.21 0.00	26.23 -0.23 0.70	9.02 -0.20 18.82	6.85 -0.19 17.15	-4.44 -0.24 35.57	-3.88 -0.25 36.46	-5.15 -0.30 44.81	-1.25 -0.30 39.77	-2.24 -0.44 44.23	8.02 -0.56 36.63	25.21 -0.38 6.41	45.74 -0.57 0.00	25.53 -0.42 4.53	14.30 -0.33 12.72	14.47 -0.29 11.34
NEG___GEN_MONROE 24207	26.38 -1.19 0.00	21.84 -1.01 0.00	24.39 -1.06 0.00	18.54 -0.86 0.00	22.32 -0.98 0.00	22.60 -0.99 0.00	24.62 -1.22 0.22	26.52 -1.47 0.00	23.74 -1.41 0.00	26.03 -1.37 0.00	25.30 -1.28 0.58	10.72 -1.13 16.19	8.29 -0.98 14.93	-0.70 -1.12 30.96	-0.06 -1.16 31.73	-0.42 -1.39 38.99	2.89 -1.32 34.60	2.25 -1.77 38.41	11.18 -2.24 31.79	24.76 -1.69 5.57	44.22 -2.09 0.00	25.01 -1.54 3.94	14.92 -1.38 11.05	15.14 -1.12 9.84
NEPA___ENERGY 23901	26.50 -1.06 0.00	21.93 -0.92 0.00	24.58 -0.87 0.00	18.68 -0.72 0.00	22.55 -0.75 0.00	22.76 -0.83 0.00	24.85 -0.99 0.23	26.79 -1.20 0.00	24.07 -1.08 0.00	26.39 -1.02 0.00	25.67 -0.88 0.61	10.92 -0.53 16.58	8.59 -0.41 15.20	-0.58 -0.43 31.52	0.02 -0.50 32.31	-0.29 -0.55 39.70	3.00 -0.59 35.23	2.13 -1.16 39.14	10.82 -1.83 32.57	24.77 -1.57 5.67	44.07 -2.24 0.00	24.83 -1.65 4.01	14.86 -1.29 11.20	15.04 -1.02 10.03



NEVERSINK___HYD 23608	29.25 1.68 0.00	24.24 1.39 0.00	26.85 1.41 0.00	20.50 1.10 0.00	24.63 1.33 0.00	25.01 1.41 0.00	27.71 1.68 0.05	29.93 1.94 0.00	26.74 1.60 0.00	28.93 1.53 0.00	28.51 1.49 0.14	25.97 1.61 3.67	22.28 1.43 3.34	26.42 1.98 6.93	28.00 2.27 7.10	33.82 2.55 8.70	33.68 2.58 7.71	36.84 2.99 8.57	41.20 3.10 7.11	32.99 2.22 1.25	49.39 3.08 0.00	31.55 1.95 0.88	26.61 1.74 2.47	25.44 1.55 2.20
NEWKRMKL_115KV_TB1 55635	27.96 0.39 0.00	23.24 0.39 0.00	25.72 0.27 0.00	19.72 0.31 0.00	23.63 0.33 0.00	23.87 0.27 0.00	26.38 0.34 0.03	28.45 0.46 0.00	25.46 0.31 0.00	27.51 0.11 0.00	27.05 -0.03 0.09	25.61 -0.06 2.36	21.94 -0.10 2.15	26.83 -0.09 4.46	28.32 0.07 4.58	34.30 -0.02 5.64	33.77 -0.03 5.01	36.98 0.13 5.57	40.74 0.14 4.61	31.36 0.16 0.81	46.24 -0.07 0.00	30.05 0.13 0.56	25.93 0.16 1.59	24.83 0.15 1.41
NEWTON___FALLS_HYD 23847	26.68 -0.88 0.00	22.14 -0.72 0.00	24.67 -0.78 0.00	18.90 -0.50 0.00	22.74 -0.56 0.00	22.88 -0.71 0.00	25.11 -0.81 0.15	26.92 -1.07 0.00	24.29 -0.86 0.00	26.51 -0.90 0.00	25.95 -0.80 0.41	16.13 -0.98 10.92	13.56 -0.71 9.93	9.79 -1.00 20.58	10.66 -1.07 21.10	12.80 -1.23 25.94	14.36 -1.44 23.01	15.21 -1.58 25.64	22.47 -1.50 21.25	27.40 -0.89 3.72	45.04 -1.27 0.00	26.94 -0.90 2.63	19.14 -0.83 7.39	18.71 -0.80 6.58
NGRID_A1_DSASP 323792	25.16 -2.41 0.00	20.85 -2.01 0.00	23.36 -2.09 0.00	17.71 -1.69 0.00	21.31 -1.99 0.00	21.50 -2.09 0.00	23.22 -2.63 0.22	24.86 -3.14 0.00	22.25 -2.89 0.00	24.58 -2.82 0.00	24.11 -2.47 0.58	10.08 -2.01 15.94	7.91 -1.65 14.64	-0.69 -1.71 30.36	-0.05 -1.76 31.11	-0.32 -2.04 38.24	2.99 -1.89 33.93	1.87 -2.87 37.69	9.78 -4.09 31.34	23.11 -3.44 5.46	41.64 -4.67 0.00	23.30 -3.32 3.86	13.63 -2.92 10.80	14.22 -2.22 9.65
NGRID_A2_DSASP 323793	25.16 -2.41 0.00	20.85 -2.01 0.00	23.36 -2.09 0.00	17.71 -1.69 0.00	21.31 -1.99 0.00	21.50 -2.09 0.00	23.22 -2.63 0.22	24.86 -3.14 0.00	22.25 -2.89 0.00	24.58 -2.82 0.00	24.11 -2.47 0.58	10.08 -2.01 15.94	7.91 -1.65 14.64	-0.69 -1.71 30.36	-0.05 -1.76 31.11	-0.32 -2.04 38.24	2.99 -1.89 33.93	1.87 -2.87 37.69	9.78 -4.09 31.34	23.11 -3.44 5.46	41.64 -4.67 0.00	23.30 -3.32 3.86	13.63 -2.92 10.80	14.22 -2.22 9.65
NGRID_A4_DSASP 323807	25.16 -2.41 0.00	20.85 -2.01 0.00	23.36 -2.09 0.00	17.71 -1.69 0.00	21.31 -1.99 0.00	21.50 -2.09 0.00	23.22 -2.63 0.22	24.86 -3.14 0.00	22.25 -2.89 0.00	24.58 -2.82 0.00	24.11 -2.47 0.58	10.08 -2.01 15.94	7.91 -1.65 14.64	-0.69 -1.76 30.36	-0.05 -1.76 31.11	-0.32 -2.04 38.24	2.99 -1.89 33.93	1.87 -2.87 37.69	9.78 -4.09 31.34	23.11 -3.44 5.46	41.64 -4.67 0.00	23.30 -3.32 3.86	13.63 -2.92 10.80	14.22 -2.22 9.65
NIAGARA_115E_LBMP 323715	25.11 -2.46 0.00	20.81 -2.05 0.00	23.32 -2.13 0.00	17.69 -1.70 0.00	21.28 -2.02 0.00	21.47 -2.13 0.00	23.19 -2.66 0.22	24.79 -3.20 0.00	22.19 -2.96 0.00	24.52 -2.88 0.00	24.08 -2.49 0.58	10.05 -1.94 16.05	7.86 -1.60 14.74	-0.84 -1.65 30.57	-0.22 -1.72 31.33	-0.54 -2.01 38.50	2.78 -1.87 34.17	1.67 -2.81 37.95	9.79 -3.87 31.56	23.02 -3.49 5.50	41.47 -4.84 0.00	23.27 -3.32 3.88	13.78 -2.72 10.84	14.22 -2.16 9.72
NIAGARA_115W_LBMP 323714	25.08 -2.49 0.00	20.78 -2.08 0.00	23.29 -2.16 0.00	17.65 -1.75 0.00	21.25 -2.06 0.00	21.43 -2.16 0.00	23.14 -2.71 0.22	24.77 -3.23 0.00	22.18 -2.97 0.00	24.50 -2.91 0.00	24.03 -2.55 0.58	10.03 -2.08 15.92	7.86 -1.71 14.62	-0.73 -1.79 30.32	-0.09 -1.84 31.07	-0.36 -2.14 38.19	2.94 -1.99 33.89	1.83 -2.96 37.64	9.68 -4.24 31.30	23.01 -3.54 5.45	41.48 -4.83 0.00	23.20 -3.42 3.85	13.54 -3.01 10.80	14.17 -2.28 9.64
NIAGARA_230_LBMP 323716	25.33 -2.24 0.00	20.99 -1.87 0.00	23.52 -1.93 0.00	17.83 -1.57 0.00	21.46 -1.84 0.00	21.65 -1.95 0.00	23.39 -2.46 0.22	25.07 -2.93 0.00	22.45 -2.70 0.00	24.77 -2.63 0.00	24.27 -2.32 0.58	10.27 -1.96 15.80	8.09 -1.60 14.51	-0.42 -1.71 30.10	0.23 -1.75 30.84	0.01 -2.05 37.91	3.27 -1.91 33.64	2.21 -2.86 37.36	10.28 -3.88 31.06	23.38 -3.21 5.41	41.95 -4.36 0.00	23.55 -3.10 3.84	13.81 -2.73 10.80	14.35 -2.17 9.57
NIAGARA___115KV_198_GIBSON 55903	25.08 -2.49 0.00	20.78 -2.08 0.00	23.29 -2.16 0.00	17.66 -1.75 0.00	21.24 -2.06 0.00	21.43 -2.16 0.00	23.14 -2.71 0.22	24.78 -3.22 0.00	22.16 -2.99 0.00	24.50 -2.90 0.00	24.03 -2.55 0.58	10.05 -2.07 15.92	7.87 -1.70 14.62	-0.80 -1.85 30.32	-0.12 -1.87 31.07	-0.36 -2.13 38.19	2.91 -2.02 33.89	1.86 -2.93 37.64	9.70 -4.21 31.30	23.00 -3.55 5.45	41.48 -4.83 0.00	23.20 -3.43 3.85	13.58 -2.97 10.80	14.18 -2.27 9.64
NIAGARA____ 23760	25.33 -2.24 0.00	20.99 -1.87 0.00	23.52 -1.93 0.00	17.83 -1.57 0.00	21.46 -1.84 0.00	21.65 -1.95 0.00	23.39 -2.46 0.22	25.07 -2.93 0.00	22.45 -2.70 0.00	24.77 -2.63 0.00	24.26 -2.32 0.58	10.22 -1.96 15.85	8.03 -1.60 14.57	-0.60 -1.71 30.27	0.05 -1.75 31.02	-0.22 -2.05 38.13	3.11 -1.91 33.80	2.11 -2.86 37.45	10.19 -3.88 31.15	23.36 -3.21 5.43	41.95 -4.36 0.00	23.53 -3.10 3.85	13.81 -2.73 10.81	14.33 -2.17 9.60
NINE_MILE_1 23575	26.31 -1.25 0.00	21.81 -1.05 0.00	24.29 -1.16 0.00	18.51 -0.89 0.00	22.27 -1.03 0.00	22.52 -1.07 0.00	24.12 -1.24 0.70	26.62 -1.37 0.00	23.89 -1.26 0.00	26.02 -1.39 0.00	23.82 -1.39 1.95	-25.98 -1.42 52.59	-24.89 -1.22 47.87	-69.43 -1.55 99.26	-70.50 -1.58 101.75	-87.07 -1.95 125.08	-74.06 -1.88 111.00	-83.09 -2.07 123.45	-59.28 -2.25 102.25	12.52 -1.59 17.90	44.05 -2.27 0.00	16.29 -1.53 12.66	-9.56 -1.38 35.53	-6.86 -1.29 31.66
NINE_MILE_2 23744	26.31 -1.25 0.00	21.81 -1.05 0.00	24.29 -1.16 0.00	18.51 -0.89 0.00	22.27 -1.03 0.00	22.52 -1.07 0.00	24.12 -1.24 0.71	26.62 -1.37 0.00	23.89 -1.26 0.00	26.02 -1.39 0.00	23.81 -1.39 1.96	-26.15 -1.42 52.76	-25.05 -1.22 48.03	-69.75 -1.55 99.58	-70.83 -1.58 102.07	-87.46 -1.95 125.48	-74.41 -1.88 111.35	-83.48 -2.07 123.84	-59.61 -2.25 102.58	12.46 -1.59 17.96	44.05 -2.27 0.00	16.25 -1.53 12.70	-9.68 -1.38 35.64	-6.95 -1.29 31.76
NM_CAPITAL___DRP 24208	28.02 0.46 0.00	23.28 0.42 0.00	25.76 0.31 0.00	19.75 0.35 0.00	23.66 0.36 0.00	23.90 0.31 0.00	26.41 0.37 0.03	28.50 0.51 0.00	25.49 0.34 0.00	27.54 0.14 0.00	27.07 0.00 0.09	25.62 -0.06 2.36	21.95 -0.09 2.15	26.84 -0.08 4.46	28.33 0.08 4.58	34.30 -0.02 5.64	33.77 -0.04 5.01	36.97 0.12 5.58	40.75 0.15 4.61	31.35 0.15 0.81	46.27 -0.04 0.00	30.07 0.15 0.56	25.95 0.19 1.59	24.85 0.17 1.42
NM_CENTRAL___DRP 24181	26.92 -0.65 0.00	22.31 -0.55 0.00	24.83 -0.62 0.00	18.93 -0.47 0.00	22.79 -0.51 0.00	23.06 -0.53 0.00	25.03 -0.60 0.44	27.36 -0.63 0.00	24.55 -0.59 0.00	26.73 -0.68 0.00	25.25 -0.69 1.21	-5.22 -0.73 32.52	-6.02 -0.65 29.57	-30.71 -0.79 61.30	-30.80 -0.79 62.83	-38.29 -1.01 77.24	-30.67 -0.94 68.55	-35.08 -1.06 76.45	-19.34 -1.17 63.39	20.13 -0.78 11.10	45.18 -1.13 0.00	21.84 -0.79 7.85	4.59 -0.73 22.03	5.77 -0.70 19.62



NM_FRONTIER___DRP 24179	25.08 -2.49 0.00	20.78 -2.08 0.00	23.29 -2.16 0.00	17.66 -1.75 0.00	21.24 -2.06 0.00	21.43 -2.16 0.00	23.14 -2.71 0.22	24.78 -3.22 0.00	22.16 -2.99 0.00	24.50 -2.90 0.00	24.03 -2.55 0.58	10.05 -2.07 15.92	7.87 -1.70 14.62	-0.80 -1.85 30.32	-0.12 -1.87 31.07	-0.36 -2.13 38.19	2.91 -2.02 33.89	1.86 -2.93 37.64	9.70 -4.21 31.30	23.00 -3.55 5.45	41.48 -4.83 0.00	23.20 -3.43 3.85	13.58 -2.97 10.80	14.18 -2.27 9.64
NM_ST_REGIS___HYD 24053	26.88 -0.69 0.00	22.32 -0.54 0.00	24.98 -0.46 0.00	19.12 -0.28 0.00	22.93 -0.37 0.00	23.02 -0.57 0.00	25.31 -0.68 0.08	26.98 -1.01 0.00	24.29 -0.85 0.00	26.70 -0.71 0.00	26.45 -0.50 0.21	21.89 -0.53 5.62	18.80 -0.29 5.10	20.25 -0.53 10.58	21.36 -0.62 10.85	26.05 -0.58 13.34	26.07 -0.91 11.84	28.11 -1.12 13.19	33.27 -1.01 10.93	29.39 -0.70 1.91	45.54 -0.77 0.00	28.70 -0.43 1.35	23.16 -0.39 3.80	22.34 -0.37 3.39
NORTHPORT___1 23551	29.61 2.04 0.00	24.66 1.80 0.00	27.27 1.82 0.00	20.79 1.39 0.00	24.99 1.69 0.00	25.40 1.80 0.00	28.11 2.09 0.04	30.29 2.29 0.00	26.83 1.69 0.00	29.11 1.71 0.00	29.02 1.99 0.12	26.77 2.11 3.38	22.94 1.97 3.23	27.52 2.52 6.38	28.74 2.47 6.56	34.87 2.85 7.95	34.37 2.60 7.04	37.42 2.83 7.84	41.62 2.90 6.49	32.90 2.02 1.14	49.05 2.74 0.00	31.44 1.76 0.80	26.82 1.72 2.25	25.69 1.60 2.01
NORTHPORT___2 23552	29.61 2.04 0.00	24.66 1.80 0.00	27.27 1.82 0.00	20.79 1.39 0.00	24.99 1.69 0.00	25.40 1.80 0.00	28.11 2.09 0.04	30.29 2.29 0.00	26.83 1.69 0.00	29.11 1.71 0.00	29.02 1.99 0.12	26.77 2.11 3.38	22.94 1.97 3.23	27.52 2.52 6.38	28.74 2.47 6.56	34.87 2.85 7.95	34.37 2.60 7.04	37.42 2.83 7.84	41.62 2.90 6.49	32.90 2.02 1.14	49.05 2.74 0.00	31.44 1.76 0.80	26.82 1.72 2.25	25.69 1.60 2.01
NORTHPORT___3 23553	29.54 1.97 0.00	24.60 1.74 0.00	27.19 1.74 0.00	20.75 1.35 0.00	24.91 1.61 0.00	25.32 1.72 0.00	28.02 1.99 0.04	30.20 2.21 0.00	26.76 1.62 0.00	29.05 1.64 0.00	28.98 1.94 0.12	26.74 2.08 3.38	22.90 1.93 3.23	27.47 2.47 6.38	28.68 2.41 6.56	34.82 2.80 7.95	34.33 2.56 7.04	37.38 2.79 7.84	41.55 2.83 6.49	32.84 1.97 1.14	48.94 2.63 0.00	31.37 1.69 0.80	26.76 1.67 2.25	25.64 1.55 2.01
NORTHPORT___4 23650	29.54 1.97 0.00	24.60 1.74 0.00	27.19 1.74 0.00	20.75 1.35 0.00	24.91 1.61 0.00	25.32 1.72 0.00	28.02 1.99 0.04	30.20 2.21 0.00	26.76 1.62 0.00	29.05 1.64 0.00	28.98 1.94 0.12	26.74 2.08 3.38	22.90 1.93 3.23	27.47 2.47 6.38	28.68 2.41 6.56	34.82 2.80 7.95	34.33 2.56 7.04	37.38 2.79 7.84	41.55 2.83 6.49	32.84 1.97 1.14	48.94 2.63 0.00	31.37 1.69 0.80	26.76 1.67 2.25	25.64 1.55 2.01
NORTHPORT___IC 23718	29.61 2.04 0.00	24.66 1.80 0.00	27.27 1.82 0.00	20.79 1.39 0.00	24.99 1.69 0.00	25.40 1.80 0.00	28.11 2.09 0.04	30.29 2.30 0.00	26.84 1.69 0.00	29.11 1.71 0.00	29.02 1.99 0.12	26.76 2.10 3.38	22.94 1.96 3.23	27.51 2.51 6.38	28.72 2.45 6.56	34.86 2.84 7.95	34.37 2.60 7.04	37.41 2.82 7.84	41.61 2.89 6.49	32.90 2.02 1.14	49.05 2.74 0.00	31.44 1.77 0.80	26.81 1.72 2.25	25.68 1.60 2.01
NORTH___COUNTRY_ESR 323785	27.04 -0.53 0.00	22.38 -0.47 0.00	24.97 -0.47 0.00	19.05 -0.35 0.00	22.80 -0.50 0.00	22.97 -0.62 0.00	25.30 -0.73 0.04	26.95 -1.04 0.00	24.25 -0.90 0.00	26.71 -0.69 0.00	26.61 -0.45 0.10	24.74 -0.51 2.79	21.26 -0.40 2.54	25.42 -0.70 5.26	26.72 -0.71 5.39	32.61 -0.73 6.62	32.12 -0.82 5.88	34.95 -0.93 6.55	39.13 -0.65 5.43	30.51 -0.54 0.95	45.80 -0.51 0.00	29.56 -0.25 0.67	25.15 -0.30 1.89	24.16 -0.25 1.68
NPX_GEN_1385_PROXY 323591	29.61 2.05 0.00	24.71 1.85 0.00	27.36 1.92 0.00	20.87 1.46 0.00	25.08 1.78 0.00	25.49 1.89 0.00	28.19 2.16 0.04	30.39 2.40 0.00	26.90 1.76 0.00	29.16 1.75 0.00	29.01 1.97 0.12	26.66 2.01 3.38	22.92 1.95 3.23	27.50 2.50 6.38	28.77 2.50 6.56	30.73 2.70 11.94	22.22 2.46 19.05	37.27 2.68 7.84	41.48 2.76 6.49	32.79 1.92 1.14	48.96 2.65 0.00	31.39 1.71 0.80	26.73 1.64 2.25	25.69 1.60 2.01
NPX_GEN_CSC 323557	30.25 2.68 0.00	25.15 2.29 0.00	27.79 2.35 0.00	21.20 1.80 0.00	25.48 2.18 0.00	25.92 2.33 0.00	28.73 2.70 0.04	30.97 2.98 0.00	27.39 2.25 0.00	29.61 2.21 0.00	29.33 2.30 0.12	27.10 2.45 3.38	23.27 2.30 3.23	27.85 2.85 6.38	29.07 2.79 6.56	35.43 3.41 7.95	35.08 3.31 7.04	38.28 3.69 7.84	42.65 3.93 6.49	33.64 2.77 1.14	50.16 3.85 0.00	32.08 2.41 0.80	27.29 2.20 2.25	26.03 1.95 2.01
NSINS_S_GLNS_FALLS 23858	28.73 1.16 0.00	23.79 0.93 0.00	26.24 0.80 0.00	20.17 0.77 0.00	24.16 0.86 0.00	24.48 0.89 0.00	27.23 1.18 0.03	29.45 1.46 0.00	26.26 1.11 0.00	28.17 0.77 0.00	27.65 0.57 0.09	26.19 0.47 2.31	22.45 0.35 2.10	27.57 0.55 4.36	29.29 0.93 4.47	35.54 1.09 5.51	35.08 1.17 4.90	38.57 1.59 5.45	42.76 2.05 4.50	32.62 1.40 0.79	48.17 1.86 0.00	31.20 1.27 0.55	26.91 1.10 1.54	25.69 0.97 1.37
NUCOR_STEEL___DRP 24197	26.96 -0.60 0.00	22.38 -0.48 0.00	24.93 -0.53 0.00	18.92 -0.48 0.00	22.78 -0.52 0.00	23.14 -0.46 0.00	25.12 -0.52 0.43	27.34 -0.66 0.00	24.55 -0.59 0.00	26.62 -0.79 0.00	25.13 -0.84 1.19	-4.67 -0.81 31.89	-5.46 -0.71 28.95	-29.64 -1.00 60.01	-29.64 -0.95 61.52	-36.83 -1.18 75.62	-29.58 -1.29 67.10	-33.16 -1.18 74.40	-17.48 -1.14 61.55	20.37 -0.87 10.77	45.27 -1.04 0.00	22.15 -0.71 7.62	5.31 -0.66 21.39	6.44 -0.60 19.05
NUMBER_THREE_WT_PWR 323818	26.91 -0.65 0.00	22.33 -0.53 0.00	24.86 -0.59 0.00	19.06 -0.34 0.00	23.00 -0.30 0.00	23.22 -0.38 0.00	25.46 -0.42 0.19	27.42 -0.58 0.00	24.79 -0.35 0.00	26.93 -0.48 0.00	26.15 -0.49 0.52	13.34 -0.76 13.92	10.97 -0.57 12.66	4.37 -0.76 26.25	5.16 -0.76 26.91	5.92 -0.96 33.08	8.44 -1.02 29.36	8.72 -1.00 32.71	17.22 -0.88 27.11	26.92 -0.34 4.75	45.58 -0.73 0.00	26.43 -0.69 3.36	17.26 -0.66 9.42	17.06 -0.64 8.39
NYISO_LBMP_REFERENCE 24008	27.57 0.00 0.00	22.86 0.00 0.00	25.45 0.00 0.00	19.40 0.00 0.00	23.30 0.00 0.00	23.59 0.00 0.00	26.07 0.00 0.00	27.99 0.00 0.00	25.15 0.00 0.00	27.40 0.00 0.00	27.16 0.00 0.00	28.03 0.00 0.00	24.20 0.00 0.00	31.38 0.00 0.00	32.83 0.00 0.00	39.96 0.00 0.00	38.82 0.00 0.00	42.43 0.00 0.00	45.22 0.00 0.00	32.01 0.00 0.00	46.31 0.00 0.00	30.48 0.00 0.00	27.35 0.00 0.00	26.09 0.00 0.00
NYPA_BRENTWD____GT 24164	29.98 2.42 0.00	24.93 2.08 0.00	27.57 2.12 0.00	21.02 1.62 0.00	25.26 1.96 0.00	25.69 2.10 0.00	28.46 2.44 0.04	30.68 2.69 0.00	27.18 2.03 0.00	29.46 2.05 0.00	29.29 2.25 0.12	27.03 2.37 3.38	23.16 2.19 3.23	27.81 2.81 6.38	29.10 2.82 6.56	35.38 3.36 7.95	34.93 3.16 7.04	38.10 3.51 7.84	42.40 3.68 6.49	33.45 2.58 1.14	49.85 3.54 0.00	31.94 2.26 0.80	27.21 2.12 2.25	26.00 1.92 2.01



NYPA_GOWANUS____GT5 24156	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NYPA_GOWANUS____GT6 24157	29.51 1.95 0.00	24.52 1.67 0.00	27.06 1.61 0.00	20.69 1.29 0.00	24.84 1.54 0.00	25.27 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.95 0.00	29.37 1.96 0.00	29.07 2.04 0.12	26.95 2.29 3.37	25.78 1.94 0.36	27.77 2.77 6.37	29.99 2.99 5.83	35.60 3.49 7.85	35.24 3.46 7.04	38.31 3.71 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.21 0.00	31.77 2.09 0.80	27.01 1.92 2.25	25.81 1.73 2.01
NYPA_HARLEM__RVR__GT1 24160	29.37 1.81 0.00	24.46 1.60 0.00	26.94 1.49 0.00	20.64 1.23 0.00	24.74 1.44 0.00	25.21 1.61 0.00	27.93 1.91 0.04	30.16 2.16 0.00	26.95 1.81 0.00	29.22 1.82 0.00	28.94 1.91 0.12	26.77 2.11 3.37	25.09 1.73 0.84	27.56 2.56 6.37	29.56 2.68 5.95	35.25 3.15 7.86	34.84 3.07 7.04	37.90 3.29 7.82	41.93 3.21 6.49	33.13 2.26 1.14	49.11 2.80 0.00	31.51 1.84 0.80	26.83 1.74 2.25	25.64 1.55 2.01
NYPA_HARLEM__RVR__GT2 24161	29.37 1.81 0.00	24.46 1.60 0.00	26.94 1.49 0.00	20.64 1.23 0.00	24.74 1.44 0.00	25.21 1.61 0.00	27.93 1.91 0.04	30.16 2.16 0.00	26.95 1.81 0.00	29.22 1.82 0.00	28.94 1.91 0.12	26.77 2.11 3.37	25.09 1.73 0.84	27.56 2.56 6.37	29.56 2.68 5.95	35.25 3.15 7.86	34.84 3.07 7.04	37.90 3.29 7.82	41.93 3.21 6.49	33.13 2.26 1.14	49.11 2.80 0.00	31.51 1.84 0.80	26.83 1.74 2.25	25.64 1.55 2.01
NYPA_KENT____GT 24152	29.48 1.92 0.00	24.51 1.65 0.00	27.04 1.59 0.00	20.68 1.28 0.00	24.82 1.52 0.00	25.26 1.66 0.00	27.99 1.97 0.04	30.25 2.26 0.00	27.09 1.94 0.00	29.36 1.96 0.00	29.06 2.03 0.12	26.92 2.27 3.37	25.77 1.93 0.36	27.71 2.71 6.37	29.95 2.95 5.83	35.54 3.43 7.85	35.16 3.38 7.04	38.24 3.64 7.82	42.30 3.58 6.49	33.33 2.46 1.13	49.44 3.13 0.00	31.70 2.02 0.80	26.96 1.86 2.25	25.76 1.67 2.01
NYPA_POUCH1____GT 24155	29.53 1.96 0.00	24.53 1.67 0.00	27.07 1.63 0.00	20.71 1.31 0.00	24.86 1.56 0.00	25.30 1.70 0.00	28.02 1.99 0.04	30.29 2.29 0.00	27.08 1.94 0.00	29.34 1.94 0.00	29.05 2.01 0.12	26.91 2.25 3.37	25.74 1.90 0.36	27.73 2.73 6.37	29.96 2.97 5.83	35.56 3.45 7.85	35.23 3.45 7.04	38.27 3.67 7.82	42.35 3.63 6.49	33.39 2.52 1.13	49.49 3.18 0.00	31.79 2.11 0.80	27.02 1.93 2.25	25.83 1.75 2.01
NYPA_VERNON____GT2 24162	29.45 1.88 0.00	24.49 1.63 0.00	27.01 1.57 0.00	20.67 1.27 0.00	24.81 1.51 0.00	25.25 1.65 0.00	27.97 1.94 0.04	30.23 2.23 0.00	27.06 1.92 0.00	29.34 1.94 0.00	29.04 2.01 0.12	26.90 2.24 3.37	25.76 1.92 0.36	27.68 2.68 6.37	29.89 2.90 5.83	35.49 3.38 7.85	35.08 3.30 7.04	38.18 3.58 7.82	42.22 3.50 6.49	33.27 2.39 1.14	49.36 3.05 0.00	31.62 1.95 0.80	26.90 1.80 2.25	25.70 1.61 2.01
NYPA_VERNON____GT3 24163	29.45 1.88 0.00	24.49 1.63 0.00	27.01 1.57 0.00	20.67 1.27 0.00	24.81 1.51 0.00	25.25 1.65 0.00	27.97 1.94 0.04	30.23 2.23 0.00	27.06 1.92 0.00	29.34 1.94 0.00	29.04 2.01 0.12	26.90 2.24 3.37	25.76 1.92 0.36	27.68 2.68 6.37	29.89 2.90 5.83	35.49 3.38 7.85	35.08 3.30 7.04	38.18 3.58 7.82	42.22 3.50 6.49	33.27 2.39 1.14	49.36 3.05 0.00	31.62 1.95 0.80	26.90 1.80 2.25	25.70 1.61 2.01
NYPA__ASTORIA_CC1 323568	29.41 1.84 0.00	24.46 1.60 0.00	26.97 1.52 0.00	20.64 1.24 0.00	24.78 1.48 0.00	25.21 1.62 0.00	27.93 1.90 0.04	30.17 2.18 0.00	27.03 1.89 0.00	29.29 1.89 0.00	29.00 1.96 0.12	26.85 2.19 3.37	25.70 1.86 0.36	27.61 2.61 6.37	29.82 2.82 5.83	35.40 3.29 7.85	34.99 3.21 7.04	38.09 3.48 7.82	42.13 3.41 6.49	33.20 2.33 1.14	49.27 2.96 0.00	31.57 1.89 0.80	26.85 1.76 2.25	25.66 1.57 2.01
NYPA__ASTORIA_CC2 323569	29.41 1.84 0.00	24.46 1.60 0.00	26.97 1.52 0.00	20.64 1.24 0.00	24.78 1.48 0.00	25.21 1.62 0.00	27.93 1.90 0.04	30.17 2.18 0.00	27.03 1.89 0.00	29.29 1.89 0.00	29.00 1.96 0.12	26.85 2.19 3.37	25.70 1.86 0.36	27.61 2.61 6.37	29.82 2.82 5.83	35.40 3.29 7.85	34.99 3.21 7.04	38.09 3.48 7.82	42.13 3.41 6.49	33.20 2.33 1.14	49.27 2.96 0.00	31.57 1.89 0.80	26.85 1.76 2.25	25.66 1.57 2.01
NYPA__HOLTSVILL 23794	29.98 2.41 0.00	24.93 2.07 0.00	27.56 2.11 0.00	21.02 1.62 0.00	25.26 1.96 0.00	25.69 2.10 0.00	28.46 2.44 0.04	30.68 2.69 0.00	27.17 2.03 0.00	29.43 2.03 0.00	29.22 2.18 0.12	26.96 2.30 3.38	23.11 2.14 3.23	27.72 2.72 6.38	28.99 2.72 6.56	35.27 3.25 7.95	34.84 3.07 7.04	37.96 3.37 7.84	42.23 3.51 6.49	33.34 2.47 1.14	49.71 3.41 0.00	31.83 2.16 0.80	27.11 2.02 2.25	25.90 1.81 2.01
NYPA__HELLGATE_GT1 24158	29.37 1.81 0.00	24.46 1.60 0.00	26.94 1.49 0.00	20.64 1.23 0.00	24.74 1.44 0.00	25.21 1.61 0.00	27.93 1.91 0.04	30.16 2.16 0.00	26.95 1.81 0.00	29.22 1.82 0.00	28.94 1.91 0.12	26.77 2.11 3.37	25.09 1.73 0.84	27.56 2.56 6.37	29.56 2.68 5.95	35.25 3.15 7.86	34.84 3.07 7.04	37.90 3.29 7.82	41.93 3.21 6.49	33.13 2.26 1.14	49.11 2.80 0.00	31.51 1.84 0.80	26.83 1.74 2.25	25.64 1.55 2.01
NYPA__HELLGATE_GT2 24159	29.37 1.81 0.00	24.46 1.60 0.00	26.94 1.49 0.00	20.64 1.23 0.00	24.74 1.44 0.00	25.21 1.61 0.00	27.93 1.91 0.04	30.16 2.16 0.00	26.95 1.81 0.00	29.22 1.82 0.00	28.94 1.91 0.12	26.77 2.11 3.37	25.09 1.73 0.84	27.56 2.56 6.37	29.56 2.68 5.95	35.25 3.15 7.86	34.84 3.07 7.04	37.90 3.29 7.82	41.93 3.21 6.49	33.13 2.26 1.14	49.11 2.80 0.00	31.51 1.84 0.80	26.83 1.74 2.25	25.64 1.55 2.01
NYS_BARGE__HYD 23848	25.48 -2.08 0.00	21.12 -1.74 0.00	23.66 -1.79 0.00	17.95 -1.45 0.00	21.59 -1.71 0.00	21.80 -1.80 0.00	23.58 -2.27 0.22	25.26 -2.74 0.00	22.62 -2.53 0.00	24.95 -2.45 0.00	24.45 -2.13 0.58	10.29 -1.65 16.08	8.05 -1.36 14.78	-0.66 -1.39 30.66	-0.03 -1.45 31.42	-0.35 -1.70 38.61	3.00 -1.55 34.27	1.91 -2.46 38.05	10.13 -3.45 31.63	23.48 -3.01 5.51	42.24 -4.07 0.00	23.74 -2.84 3.90	14.07 -2.38 10.90	14.50 -1.84 9.75
OAK ORCHARD__HYD 24046	26.27 -1.30 0.00	21.75 -1.11 0.00	24.29 -1.16 0.00	18.46 -0.94 0.00	22.23 -1.07 0.00	22.49 -1.10 0.00	24.50 -1.35 0.22	26.40 -1.59 0.00	23.66 -1.48 0.00	25.93 -1.47 0.00	25.21 -1.37 0.58	10.60 -1.24 16.19	8.22 -1.04 14.94	-0.77 -1.18 30.97	-0.13 -1.21 31.74	-0.52 -1.47 39.01	2.84 -1.36 34.62	2.16 -1.84 38.43	11.12 -2.29 31.80	24.69 -1.75 5.57	44.02 -2.29 0.00	24.86 -1.68 3.94	14.75 -1.54 11.05	14.97 -1.28 9.84



OAKDALE___35_KV_LOAD 356122	27.28 -0.28 0.00	22.63 -0.23 0.00	25.22 -0.23 0.00	19.23 -0.17 0.00	23.17 -0.13 0.00	23.40 -0.19 0.00	25.61 -0.19 0.27	27.89 -0.10 0.00	24.98 -0.16 0.00	27.16 -0.24 0.00	26.21 -0.26 0.69	9.20 -0.19 18.63	7.03 -0.18 16.99	-4.04 -0.20 35.22	-3.49 -0.22 36.10	-4.70 -0.30 44.37	-0.87 -0.31 39.38	-1.82 -0.46 43.79	8.34 -0.61 36.27	25.24 -0.42 6.35	45.66 -0.64 0.00	25.54 -0.45 4.49	14.42 -0.33 12.59	14.57 -0.30 11.23
OCC_CHEM___DRP 24175	25.16 -2.41 0.00	20.85 -2.01 0.00	23.36 -2.09 0.00	17.71 -1.69 0.00	21.31 -1.99 0.00	21.51 -2.09 0.00	23.22 -2.63 0.22	24.87 -3.13 0.00	22.23 -2.91 0.00	24.58 -2.82 0.00	24.11 -2.47 0.58	10.09 -2.00 15.94	7.92 -1.64 14.64	-0.76 -1.78 30.36	-0.09 -1.80 31.11	-0.30 -2.03 38.24	2.95 -1.93 33.93	1.91 -2.83 37.69	9.79 -4.08 31.34	23.11 -3.43 5.46	41.64 -4.66 0.00	23.30 -3.33 3.86	13.66 -2.89 10.80	14.23 -2.20 9.65
OH_GEN_PROXY 24063	25.38 -2.19 0.00	21.03 -1.82 0.00	23.56 -1.88 0.00	17.87 -1.53 0.00	21.51 -1.79 0.00	21.70 -1.89 0.00	23.48 -2.37 0.22	25.18 -2.81 0.00	22.55 -2.60 0.00	24.87 -2.54 0.00	24.35 -2.24 0.58	10.35 -1.89 15.79	8.15 -1.55 14.50	-0.36 -1.68 30.06	0.29 -1.72 30.81	0.08 -2.01 37.87	3.34 -1.87 33.61	2.34 -2.76 37.33	10.45 -3.75 31.02	23.51 -3.09 5.41	42.10 -4.21 0.00	23.66 -2.99 3.82	13.97 -2.64 10.74	14.42 -2.11 9.56
OLIN_CORP_DRP 24177	25.17 -2.40 0.00	20.85 -2.01 0.00	23.37 -2.08 0.00	17.73 -1.67 0.00	21.33 -1.97 0.00	21.52 -2.07 0.00	23.25 -2.60 0.22	24.87 -3.13 0.00	22.24 -2.91 0.00	24.59 -2.82 0.00	24.14 -2.44 0.58	10.08 -1.90 16.06	7.90 -1.55 14.75	-0.91 -1.70 30.59	-0.24 -1.72 31.35	-0.51 -1.94 38.53	2.78 -1.85 34.19	1.74 -2.71 37.97	9.83 -3.80 31.58	23.11 -3.40 5.50	41.60 -4.71 0.00	23.35 -3.24 3.89	13.85 -2.65 10.84	14.26 -2.11 9.73
OLIN_CORP_DSASP 323712	25.16 -2.41 0.00	20.85 -2.01 0.00	23.36 -2.09 0.00	17.71 -1.69 0.00	21.31 -1.99 0.00	21.50 -2.09 0.00	23.22 -2.63 0.22	24.86 -3.14 0.00	22.25 -2.89 0.00	24.58 -2.82 0.00	24.11 -2.47 0.58	10.08 -2.01 15.94	7.91 -1.65 14.64	-0.69 -1.71 30.36	-0.05 -1.76 31.11	-0.32 -2.04 38.24	2.99 -1.89 33.93	1.87 -2.87 37.69	9.78 -4.09 31.34	23.11 -3.44 5.46	41.64 -4.67 0.00	23.30 -3.32 3.86	13.63 -2.92 10.80	14.22 -2.22 9.65
ONEIDA_HERK_LFGE 323681	27.55 -0.01 0.00	22.84 -0.01 0.00	25.42 -0.03 0.00	19.43 0.03 0.00	23.40 0.10 0.00	23.68 0.08 0.00	26.06 0.13 0.14	28.10 0.11 0.00	25.31 0.17 0.00	27.50 0.10 0.00	26.84 0.08 0.40	17.32 -0.01 10.70	14.47 0.00 9.73	11.23 0.02 20.17	12.19 0.04 20.68	14.60 0.05 25.42	16.33 0.07 22.56	17.48 0.19 25.14	24.63 0.25 20.84	28.65 0.29 3.65	46.61 0.30 0.00	27.99 0.09 2.58	20.15 0.04 7.24	19.65 0.01 6.45
ONEIDA___115KV_TB4 55905	27.84 0.27 0.00	23.07 0.21 0.00	25.65 0.21 0.00	19.58 0.17 0.00	23.58 0.28 0.00	23.88 0.29 0.00	26.23 0.40 0.24	28.43 0.44 0.00	25.56 0.41 0.00	27.75 0.34 0.00	26.80 0.30 0.66	10.62 0.28 17.69	8.30 0.18 16.09	-1.68 0.30 33.36	-1.02 0.34 34.19	-1.68 0.38 42.03	1.98 0.46 37.30	1.52 0.67 41.58	11.49 0.75 34.47	26.55 0.58 6.03	47.11 0.80 0.00	26.68 0.46 4.27	15.75 0.38 11.98	15.73 0.31 10.67
ONONDAGA_REF_OCCRA 23987	27.06 -0.51 0.00	22.42 -0.44 0.00	24.95 -0.49 0.00	19.03 -0.37 0.00	22.91 -0.39 0.00	23.19 -0.40 0.00	25.18 -0.45 0.44	27.52 -0.47 0.00	24.70 -0.44 0.00	26.86 -0.54 0.00	25.38 -0.56 1.21	-5.06 -0.59 32.50	-5.88 -0.54 29.54	-30.55 -0.69 61.24	-30.63 -0.68 62.77	-38.08 -0.88 77.17	-30.48 -0.82 68.48	-34.67 -0.86 76.24	-18.88 -0.93 63.17	20.34 -0.61 11.06	45.44 -0.87 0.00	22.05 -0.61 7.82	4.83 -0.57 21.95	5.98 -0.55 19.55
ONONDAGA___COGEN 23986	26.88 -0.68 0.00	22.28 -0.58 0.00	24.80 -0.64 0.00	18.90 -0.50 0.00	22.75 -0.55 0.00	23.04 -0.56 0.00	24.97 -0.63 0.47	27.29 -0.70 0.00	24.49 -0.65 0.00	26.63 -0.77 0.00	25.05 -0.80 1.31	-7.67 -0.83 34.87	-8.19 -0.74 31.65	-35.18 -0.94 65.62	-35.35 -0.92 67.26	-43.87 -1.15 82.68	-35.67 -1.11 73.37	-40.21 -1.15 81.49	-23.44 -1.20 67.46	19.37 -0.83 11.81	45.16 -1.15 0.00	21.32 -0.81 8.35	3.16 -0.74 23.44	4.50 -0.71 20.88
ONTARIO___LFGE 23819	26.75 -0.82 0.00	22.19 -0.67 0.00	24.78 -0.67 0.00	18.88 -0.53 0.00	22.75 -0.55 0.00	22.99 -0.60 0.00	25.11 -0.66 0.30	27.27 -0.73 0.00	24.49 -0.66 0.00	26.63 -0.78 0.00	25.57 -0.78 0.81	5.29 -0.78 21.96	3.44 -0.76 20.01	-11.12 -1.01 41.48	-10.78 -1.09 42.52	-13.70 -1.40 52.26	-8.95 -1.39 46.38	-10.65 -1.62 51.47	1.04 -1.68 42.50	23.49 -1.06 7.45	44.90 -1.41 0.00	24.29 -0.91 5.27	11.69 -0.85 14.80	12.13 -0.78 13.18
ORANGEVILLE_WT_PWR 323706	25.83 -1.74 0.00	21.53 -1.33 0.00	24.19 -1.26 0.00	18.38 -1.02 0.00	22.12 -1.18 0.00	22.24 -1.35 0.00	24.14 -1.69 0.24	26.01 -1.98 0.00	23.44 -1.71 0.00	25.66 -1.74 0.00	24.90 -1.64 0.62	9.49 -1.49 17.05	7.25 -1.32 15.63	-2.60 -1.58 32.40	-2.12 -1.75 33.21	-3.05 -2.20 40.81	0.43 -2.18 36.22	-0.67 -2.87 40.23	7.83 -3.47 33.91	23.75 -2.43 5.83	43.22 -3.09 0.00	24.28 -2.08 4.12	14.02 -1.80 11.53	14.29 -1.50 10.31
ORANGEVILLE___ESR 323794	25.83 -1.74 0.00	21.53 -1.33 0.00	24.19 -1.26 0.00	18.38 -1.02 0.00	22.12 -1.18 0.00	22.24 -1.35 0.00	24.14 -1.69 0.24	26.01 -1.98 0.00	23.44 -1.71 0.00	25.66 -1.74 0.00	24.90 -1.64 0.62	9.49 -1.49 17.05	7.25 -1.32 15.63	-2.60 -1.58 32.40	-2.12 -1.75 33.21	-3.05 -2.20 40.81	0.43 -2.18 36.22	-0.67 -2.87 40.23	7.83 -3.47 33.91	23.75 -2.43 5.83	43.22 -3.09 0.00	24.28 -2.08 4.12	14.02 -1.80 11.53	14.29 -1.50 10.31
OSWEGATCHIE___HYD 24044	26.68 -0.88 0.00	22.14 -0.72 0.00	24.67 -0.78 0.00	18.90 -0.50 0.00	22.74 -0.56 0.00	22.88 -0.71 0.00	25.11 -0.81 0.15	26.92 -1.07 0.00	24.29 -0.86 0.00	26.51 -0.90 0.00	25.95 -0.80 0.41	16.13 -0.98 10.92	13.56 -0.71 9.93	9.79 -1.00 20.58	10.66 -1.07 21.10	12.80 -1.23 25.94	14.36 -1.44 23.01	15.20 -1.58 25.64	22.46 -1.50 21.25	27.40 -0.89 3.72	45.04 -1.27 0.00	26.94 -0.90 2.63	19.14 -0.83 7.39	18.71 -0.80 6.58
OSWEGO___5 23606	26.41 -1.15 0.00	21.89 -0.96 0.00	24.38 -1.07 0.00	18.58 -0.82 0.00	22.35 -0.95 0.00	22.61 -0.98 0.00	24.26 -1.14 0.67	26.73 -1.26 0.00	23.98 -1.16 0.00	26.12 -1.29 0.00	24.01 -1.29 1.86	-23.22 -1.32 49.94	-22.38 -1.14 45.44	-64.28 -1.44 94.22	-65.21 -1.46 96.58	-80.56 -1.80 118.73	-68.28 -1.73 105.36	-76.65 -1.91 117.17	-53.89 -2.07 97.04	13.56 -1.46 16.99	44.24 -2.07 0.00	17.07 -1.40 12.01	-7.64 -1.27 33.72	-5.14 -1.19 30.04
OSWEGO___6 23613	26.41 -1.15 0.00	21.89 -0.96 0.00	24.38 -1.07 0.00	18.58 -0.82 0.00	22.35 -0.95 0.00	22.61 -0.98 0.00	24.26 -1.14 0.67	26.73 -1.26 0.00	23.98 -1.16 0.00	26.12 -1.29 0.00	24.01 -1.29 1.86	-23.22 -1.32 49.94	-22.38 -1.14 45.44	-64.28 -1.44 94.22	-65.21 -1.46 96.58	-80.56 -1.80 118.73	-68.28 -1.73 105.36	-76.65 -1.91 117.17	-53.89 -2.07 97.04	13.56 -1.46 16.99	44.24 -2.07 0.00	17.07 -1.40 12.01	-7.64 -1.27 33.72	-5.14 -1.19 30.04



OUTOKUMPU-AB___DRP 24206	25.70 -1.87 0.00	21.29 -1.57 0.00	23.85 -1.60 0.00	18.09 -1.31 0.00	21.78 -1.52 0.00	22.00 -1.59 0.00	23.81 -2.03 0.22	25.55 -2.45 0.00	22.88 -2.26 0.00	25.25 -2.15 0.00	24.73 -1.85 0.59	10.53 -1.39 16.11	8.27 -1.13 14.80	-0.47 -1.16 30.68	0.20 -1.18 31.45	0.01 -1.31 38.65	3.26 -1.26 34.30	2.29 -2.05 38.09	10.46 -3.07 31.69	23.82 -2.67 5.52	42.72 -3.59 0.00	24.01 -2.57 3.90	14.26 -2.18 10.90	14.71 -1.63 9.76
OXBOW___BTM 323836	25.40 -2.16 0.00	21.05 -1.81 0.00	23.58 -1.87 0.00	17.88 -1.52 0.00	21.52 -1.78 0.00	21.73 -1.87 0.00	23.50 -2.35 0.22	25.18 -2.81 0.00	22.57 -2.58 0.00	24.90 -2.50 0.00	24.40 -2.17 0.58	10.28 -1.73 16.03	8.07 -1.41 14.72	-0.57 -1.42 30.52	0.07 -1.47 31.28	-0.19 -1.71 38.45	3.12 -1.58 34.12	2.04 -2.50 37.89	10.09 -3.61 31.52	23.45 -3.06 5.49	42.16 -4.15 0.00	23.65 -2.95 3.88	13.91 -2.58 10.85	14.43 -1.95 9.71
OXBOW___ 24026	25.40 -2.16 0.00	21.05 -1.81 0.00	23.58 -1.87 0.00	17.88 -1.52 0.00	21.52 -1.78 0.00	21.73 -1.87 0.00	23.50 -2.35 0.22	25.19 -2.81 0.00	22.55 -2.60 0.00	24.91 -2.49 0.00	24.41 -2.17 0.58	10.30 -1.71 16.03	8.08 -1.40 14.72	-0.64 -1.49 30.52	0.04 -1.51 31.28	-0.17 -1.70 38.45	3.09 -1.61 34.12	2.08 -2.45 37.89	10.11 -3.59 31.52	23.46 -3.06 5.49	42.16 -4.15 0.00	23.64 -2.96 3.88	13.95 -2.54 10.85	14.45 -1.94 9.71
OXY_CHEM_DSASP 323612	25.16 -2.41 0.00	20.85 -2.01 0.00	23.36 -2.09 0.00	17.71 -1.69 0.00	21.31 -1.99 0.00	21.51 -2.09 0.00	23.22 -2.63 0.22	24.87 -3.13 0.00	22.23 -2.91 0.00	24.58 -2.82 0.00	24.11 -2.47 0.58	10.09 -2.00 15.94	7.92 -1.64 14.64	-0.76 -1.78 30.36	-0.09 -1.80 31.11	-0.30 -2.03 38.24	2.95 -1.93 33.93	1.91 -2.83 37.69	9.79 -4.08 31.34	23.11 -3.43 5.46	41.64 -4.66 0.00	23.30 -3.33 3.86	13.66 -2.89 10.80	14.23 -2.20 9.65
OZONE_PARK_ESR 323760	29.62 2.05 0.00	24.61 1.75 0.00	27.16 1.71 0.00	20.77 1.37 0.00	24.93 1.63 0.00	25.36 1.77 0.00	28.10 2.08 0.04	30.41 2.42 0.00	27.20 2.05 0.00	29.50 2.10 0.00	29.17 2.14 0.12	27.01 2.35 3.37	25.41 2.06 0.84	27.80 2.80 6.38	29.96 3.09 5.96	35.68 3.58 7.87	35.28 3.50 7.04	38.42 3.82 7.82	42.49 3.77 6.49	33.46 2.58 1.14	49.69 3.38 0.00	31.83 2.16 0.80	27.05 1.96 2.26	25.83 1.74 2.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.16 -2.41 0.00	20.85 -2.01 0.00	23.36 -2.09 0.00	17.71 -1.69 0.00	21.31 -1.99 0.00	21.51 -2.09 0.00	23.22 -2.63 0.22	24.87 -3.13 0.00	22.23 -2.91 0.00	24.58 -2.82 0.00	24.11 -2.47 0.58	10.09 -2.00 15.94	7.92 -1.64 14.64	-0.76 -1.78 30.36	-0.09 -1.80 31.11	-0.30 -2.03 38.24	2.95 -1.93 33.93	1.91 -2.83 37.69	9.79 -4.08 31.34	23.11 -3.43 5.46	41.64 -4.66 0.00	23.30 -3.33 3.86	13.66 -2.89 10.80	14.23 -2.20 9.65
PACKARD__115KV_DUPONT_184 80571	25.16 -2.41 0.00	20.85 -2.01 0.00	23.36 -2.09 0.00	17.71 -1.69 0.00	21.31 -1.99 0.00	21.51 -2.09 0.00	23.22 -2.63 0.22	24.87 -3.13 0.00	22.23 -2.91 0.00	24.58 -2.82 0.00	24.11 -2.47 0.58	10.09 -2.00 15.94	7.92 -1.64 14.64	-0.76 -1.78 30.36	-0.09 -1.80 31.11	-0.30 -2.03 38.24	2.95 -1.93 33.93	1.91 -2.83 37.69	9.79 -4.08 31.34	23.11 -3.43 5.46	41.64 -4.66 0.00	23.30 -3.33 3.86	13.66 -2.89 10.80	14.23 -2.20 9.65
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.33 1.77 0.00	24.40 1.54 0.00	26.89 1.45 0.00	20.60 1.20 0.00	24.72 1.42 0.00	25.17 1.58 0.00	27.88 1.86 0.04	30.11 2.12 0.00	26.94 1.79 0.00	29.19 1.79 0.00	28.91 1.88 0.12	26.71 2.05 3.37	25.10 1.74 0.84	27.48 2.48 6.37	29.54 2.66 5.95	35.20 3.09 7.85	34.81 3.04 7.04	37.86 3.25 7.82	41.88 3.15 6.49	33.07 2.20 1.14	49.06 2.75 0.00	31.47 1.80 0.80	26.76 1.67 2.25	25.57 1.48 2.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.17 2.61 0.00	25.10 2.24 0.00	27.69 2.24 0.00	21.20 1.79 0.00	25.47 2.17 0.00	25.96 2.37 0.00	28.79 2.77 0.04	31.04 3.05 0.00	27.66 2.51 0.00	29.95 2.55 0.00	29.63 2.60 0.12	27.44 2.79 3.37	25.74 2.38 0.84	28.31 3.30 6.37	30.39 3.52 5.95	36.24 4.13 7.85	35.81 4.03 7.04	38.95 4.34 7.82	42.96 4.23 6.49	33.83 2.96 1.14	50.14 3.83 0.00	32.17 2.50 0.80	27.37 2.28 2.25	26.17 2.09 2.01
PATROON__115KV_TB1 80586	28.03 0.47 0.00	23.30 0.44 0.00	25.78 0.33 0.00	19.76 0.36 0.00	23.69 0.39 0.00	23.93 0.34 0.00	26.45 0.41 0.03	28.54 0.54 0.00	25.53 0.38 0.00	27.59 0.18 0.00	27.11 0.04 0.09	25.68 0.01 2.36	22.01 -0.04 2.15	26.92 0.00 4.46	28.42 0.16 4.57	34.43 0.10 5.63	33.90 0.09 5.01	37.12 0.26 5.57	40.89 0.28 4.60	31.45 0.25 0.81	46.38 0.07 0.00	30.13 0.22 0.56	26.01 0.24 1.58	24.89 0.21 1.41
PATTRSNVILLE___SOLAR 323815	28.32 0.75 0.00	23.46 0.60 0.00	26.06 0.61 0.00	19.92 0.52 0.00	23.93 0.62 0.00	24.20 0.60 0.00	26.78 0.73 0.03	28.91 0.92 0.00	25.75 0.60 0.00	27.78 0.38 0.00	27.31 0.24 0.09	25.63 0.15 2.55	21.97 0.09 2.32	26.73 0.18 4.82	28.17 0.28 4.94	34.29 0.41 6.08	34.03 0.62 5.40	37.35 0.93 6.01	41.40 1.16 4.97	31.98 0.84 0.87	47.40 1.09 0.00	30.62 0.75 0.60	26.34 0.69 1.69	25.23 0.64 1.51
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.26 -1.31 0.00	21.76 -1.10 0.00	24.36 -1.09 0.00	18.50 -0.90 0.00	22.30 -1.00 0.00	22.51 -1.09 0.00	24.46 -1.39 0.23	26.32 -1.67 0.00	23.58 -1.56 0.00	25.98 -1.42 0.00	25.33 -1.24 0.60	10.81 -0.79 16.43	8.47 -0.65 15.08	-0.53 -0.64 31.26	0.14 -0.64 32.04	-0.18 -0.76 39.38	3.15 -0.72 34.95	2.29 -1.32 38.82	10.80 -2.12 32.30	24.49 -1.90 5.62	43.73 -2.57 0.00	24.66 -1.84 3.97	14.76 -1.49 11.10	15.03 -1.12 9.94
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.35 1.78 0.00	24.32 1.47 0.00	26.90 1.45 0.00	20.55 1.15 0.00	24.68 1.38 0.00	25.07 1.47 0.00	27.76 1.73 0.04	30.01 2.02 0.00	26.82 1.68 0.00	29.07 1.66 0.00	28.68 1.64 0.12	26.50 1.78 3.31	22.73 1.55 3.02	27.26 2.15 6.26	28.85 2.43 6.41	34.98 2.88 7.87	34.69 2.85 6.98	37.86 3.20 7.76	42.00 3.22 6.43	33.10 2.22 1.13	49.23 2.92 0.00	31.57 1.89 0.80	26.83 1.71 2.23	25.62 1.52 1.99
PEEKSKILL___ 23653	29.19 1.62 0.00	24.24 1.38 0.00	26.80 1.35 0.00	20.48 1.08 0.00	24.59 1.29 0.00	24.98 1.38 0.00	27.65 1.62 0.04	29.89 1.90 0.00	26.72 1.58 0.00	28.97 1.57 0.00	28.63 1.60 0.13	26.39 1.77 3.41	22.72 1.56 3.03	27.08 2.16 6.45	28.66 2.40 6.57	34.70 2.75 8.02	34.39 2.69 7.12	37.47 2.96 7.91	41.57 2.91 6.56	32.85 1.99 1.15	48.89 2.58 0.00	31.31 1.65 0.81	26.60 1.53 2.28	25.43 1.37 2.03
PGE MADISON___WINDPWR 24146	27.51 -0.06 0.00	22.95 0.10 0.00	25.66 0.21 0.00	19.50 0.10 0.00	23.51 0.21 0.00	23.83 0.24 0.00	26.27 0.50 0.30	28.99 1.00 0.00	25.94 0.80 0.00	28.08 0.67 0.00	26.73 0.27 0.70	9.17 -0.02 18.85	7.09 0.05 17.16	-4.42 -0.21 35.59	-3.69 -0.04 36.48	-4.93 -0.06 44.84	-0.92 0.05 39.79	-1.77 0.04 44.24	9.63 1.01 36.60	26.61 1.02 6.41	48.09 1.78 0.00	27.04 1.09 4.53	15.59 0.96 12.72	15.53 0.77 11.34



PIERCEFIELD___HYD 23852	26.77 -0.79 0.00	22.25 -0.61 0.00	24.94 -0.51 0.00	19.10 -0.31 0.00	22.92 -0.39 0.00	22.98 -0.62 0.00	25.24 -0.75 0.08	26.91 -1.09 0.00	24.22 -0.92 0.00	26.60 -0.81 0.00	26.32 -0.61 0.23	21.27 -0.63 6.13	18.27 -0.36 5.57	19.22 -0.60 11.56	20.28 -0.70 11.85	24.72 -0.69 14.56	24.82 -1.07 12.92	26.69 -1.34 14.40	32.01 -1.28 11.93	29.05 -0.87 2.09	45.28 -1.03 0.00	28.40 -0.60 1.48	22.69 -0.51 4.15	21.92 -0.48 3.69
PINELAWN_CC_1 323563	29.83 2.27 0.00	24.79 1.93 0.00	27.40 1.94 0.00	20.90 1.50 0.00	25.11 1.80 0.00	25.53 1.94 0.00	28.29 2.26 0.04	30.51 2.52 0.00	27.06 1.91 0.00	29.31 1.91 0.00	29.11 2.07 0.12	26.86 2.21 3.38	23.01 2.04 3.23	27.62 2.62 6.38	28.96 2.68 6.56	35.18 3.17 7.95	34.76 2.99 7.04	37.94 3.34 7.84	42.23 3.50 6.49	33.34 2.47 1.14	49.66 3.35 0.00	31.83 2.15 0.80	27.11 2.01 2.25	25.90 1.81 2.01
PJM_GEN_HTTP_PROXY 323702	29.37 1.81 0.00	24.41 1.55 0.00	26.96 1.51 0.00	20.62 1.21 0.00	24.75 1.45 0.00	25.16 1.57 0.00	27.88 1.86 0.04	30.15 2.16 0.00	26.97 1.82 0.00	29.26 1.85 0.00	28.93 1.90 0.12	26.76 2.10 3.38	24.66 1.85 1.39	27.52 2.52 6.38	29.51 2.77 6.09	35.28 3.20 7.89	34.88 3.11 7.04	38.00 3.40 7.83	42.05 3.32 6.49	33.13 2.26 1.14	49.23 2.92 0.00	31.52 1.85 0.80	26.81 1.71 2.26	25.61 1.52 2.01
PJM_GEN_KEystone 24065	27.76 0.20 0.00	23.01 0.15 0.00	25.48 0.03 0.00	19.42 0.02 0.00	23.37 0.07 0.00	23.67 0.08 0.00	26.01 0.08 0.14	28.11 0.11 0.00	25.16 0.01 0.00	27.41 0.01 0.00	26.86 0.09 0.38	17.94 0.31 10.40	15.14 0.28 9.34	12.15 0.51 19.74	13.27 0.62 20.18	15.82 0.68 24.82	17.45 0.66 22.03	18.41 0.46 24.48	24.99 0.08 20.31	28.35 -0.11 3.55	46.03 -0.28 0.00	27.68 -0.29 2.51	20.18 -0.13 7.03	20.31 0.08 5.86
PJM_GEN_NEPTUNE_PROXY 323594	29.48 1.92 0.00	24.51 1.65 0.00	27.09 1.64 0.00	20.67 1.27 0.00	24.83 1.53 0.00	25.24 1.65 0.00	27.94 1.92 0.04	30.15 2.15 0.00	26.80 1.66 0.00	29.07 1.67 0.00	28.87 1.84 0.12	26.64 1.98 3.38	22.81 1.84 3.23	27.36 2.36 6.38	28.72 2.45 6.56	34.87 2.85 7.95	34.45 2.68 7.04	37.57 2.98 7.84	41.71 2.99 6.49	32.94 2.07 1.14	49.07 2.77 0.00	31.46 1.78 0.80	26.79 1.70 2.25	25.60 1.52 2.01
PJM_GEN_VFT_PROXY 323633	29.24 1.68 0.00	24.31 1.45 0.00	26.83 1.39 0.00	20.52 1.12 0.00	24.64 1.34 0.00	25.06 1.47 0.00	27.75 1.73 0.04	30.01 2.02 0.00	26.85 1.70 0.00	29.12 1.72 0.00	28.80 1.77 0.12	26.63 1.98 3.37	25.09 1.74 0.84	27.40 2.40 6.38	29.54 2.66 5.96	35.15 3.06 7.87	34.76 2.98 7.04	37.84 3.24 7.82	41.85 3.13 6.49	33.00 2.13 1.14	49.00 2.69 0.00	31.37 1.70 0.80	26.66 1.57 2.26	25.47 1.39 2.01
PLATSBURG_115KV_PMLD1 355749	27.31 -0.25 0.00	22.54 -0.32 0.00	25.13 -0.32 0.00	19.26 -0.15 0.00	23.01 -0.29 0.00	23.23 -0.36 0.00	25.63 -0.40 0.03	27.27 -0.72 0.00	24.55 -0.59 0.00	26.94 -0.47 0.00	26.87 -0.20 0.09	25.32 -0.25 2.47	21.76 -0.19 2.25	26.35 -0.37 4.66	27.72 -0.34 4.77	33.74 -0.36 5.87	33.23 -0.38 5.21	36.23 -0.40 5.80	40.36 -0.04 4.81	31.02 -0.15 0.84	46.31 0.00 0.00	30.01 0.13 0.60	25.72 0.05 1.67	24.66 0.06 1.49
PLEASANTVLY___LBMP 24000	29.03 1.46 0.00	24.06 1.20 0.00	26.62 1.17 0.00	20.34 0.94 0.00	24.43 1.12 0.00	24.78 1.18 0.00	27.42 1.39 0.04	29.62 1.63 0.00	26.49 1.35 0.00	28.71 1.31 0.00	28.34 1.30 0.12	26.26 1.42 3.18	22.54 1.24 2.90	27.08 1.72 6.01	28.61 1.95 6.16	34.67 2.29 7.58	34.32 2.23 6.73	37.43 2.48 7.48	41.47 2.45 6.20	32.60 1.67 1.09	48.46 2.15 0.00	31.11 1.40 0.77	26.50 1.31 2.15	25.35 1.17 1.92
PLSNTVLE_13_KV_13.8KVDIST 80602	29.24 1.68 0.00	24.28 1.42 0.00	26.83 1.38 0.00	20.51 1.11 0.00	24.61 1.31 0.00	25.01 1.42 0.00	27.68 1.66 0.04	29.93 1.94 0.00	26.77 1.62 0.00	29.01 1.61 0.00	28.66 1.62 0.12	26.47 1.78 3.34	22.62 1.57 3.15	27.22 2.16 6.32	28.74 2.39 6.49	34.87 2.80 7.89	34.55 2.73 7.00	37.65 3.01 7.78	41.75 2.98 6.45	32.91 2.03 1.13	48.94 2.63 0.00	31.38 1.70 0.80	26.67 1.57 2.24	25.49 1.40 2.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.24 1.68 0.00	24.28 1.42 0.00	26.83 1.38 0.00	20.51 1.11 0.00	24.61 1.31 0.00	25.01 1.42 0.00	27.68 1.66 0.04	29.93 1.94 0.00	26.77 1.62 0.00	29.01 1.61 0.00	28.66 1.62 0.12	26.47 1.78 3.34	22.62 1.57 3.15	27.22 2.16 6.32	28.74 2.39 6.49	34.87 2.80 7.89	34.55 2.73 7.00	37.65 3.01 7.78	41.75 2.98 6.45	32.91 2.03 1.13	48.94 2.63 0.00	31.38 1.70 0.80	26.67 1.57 2.24	25.49 1.40 2.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.19 1.63 0.00	24.19 1.33 0.00	26.77 1.32 0.00	20.46 1.05 0.00	24.56 1.26 0.00	24.92 1.32 0.00	27.56 1.54 0.04	29.77 1.78 0.00	26.68 1.53 0.00	28.89 1.48 0.00	28.47 1.43 0.12	26.27 1.53 3.29	22.53 1.33 3.00	27.00 1.84 6.22	28.58 2.08 6.33	34.70 2.36 7.63	34.40 2.35 6.77	37.60 2.70 7.53	41.70 2.73 6.24	32.81 1.89 1.09	48.80 2.49 0.00	31.31 1.60 0.77	26.66 1.48 2.17	25.48 1.32 1.93
POLETTI____ 23519	29.31 1.74 0.00	24.38 1.52 0.00	26.92 1.47 0.00	20.59 1.19 0.00	24.72 1.42 0.00	25.14 1.55 0.00	27.84 1.81 0.04	30.09 2.10 0.00	26.93 1.78 0.00	29.20 1.80 0.00	28.89 1.86 0.12	26.73 2.07 3.37	25.18 1.82 0.84	27.48 2.48 6.38	29.60 2.73 5.96	35.24 3.15 7.87	34.83 3.05 7.04	37.93 3.33 7.82	41.96 3.24 6.49	33.08 2.21 1.14	49.13 2.83 0.00	31.47 1.80 0.80	26.76 1.67 2.26	25.57 1.48 2.01
POMONA___ESR 323819	29.41 1.84 0.00	24.39 1.53 0.00	26.94 1.49 0.00	20.54 1.14 0.00	24.66 1.36 0.00	25.05 1.46 0.00	27.75 1.73 0.04	30.00 2.01 0.00	26.83 1.68 0.00	29.09 1.69 0.00	28.76 1.73 0.13	26.46 1.91 3.49	22.76 1.68 3.11	27.15 2.35 6.59	28.74 2.63 6.72	34.78 3.02 8.21	34.52 2.99 7.28	37.62 3.29 8.10	41.76 3.25 6.71	33.02 2.19 1.18	49.19 2.88 0.00	31.48 1.83 0.83	26.70 1.68 2.33	25.51 1.49 2.08
PORT_JEFF_3 23555	30.04 2.48 0.00	24.98 2.12 0.00	27.61 2.16 0.00	21.06 1.66 0.00	25.30 2.00 0.00	25.74 2.14 0.00	28.51 2.49 0.04	30.74 2.74 0.00	27.22 2.08 0.00	29.49 2.08 0.00	29.27 2.23 0.12	27.01 2.35 3.38	23.16 2.19 3.23	27.78 2.78 6.38	29.05 2.78 6.56	35.36 3.34 7.95	34.92 3.15 7.04	38.08 3.49 7.84	42.37 3.64 6.49	33.44 2.57 1.14	49.85 3.54 0.00	31.92 2.25 0.80	27.17 2.08 2.25	25.95 1.87 2.01
PORT_JEFF_4 23616	30.04 2.48 0.00	24.98 2.12 0.00	27.61 2.16 0.00	21.06 1.66 0.00	25.30 2.00 0.00	25.74 2.14 0.00	28.51 2.49 0.04	30.74 2.74 0.00	27.22 2.08 0.00	29.49 2.08 0.00	29.27 2.23 0.12	27.01 2.35 3.38	23.16 2.19 3.23	27.78 2.78 6.38	29.05 2.78 6.56	35.36 3.34 7.95	34.92 3.15 7.04	38.08 3.49 7.84	42.37 3.64 6.49	33.44 2.57 1.14	49.85 3.54 0.00	31.92 2.25 0.80	27.17 2.08 2.25	25.95 1.87 2.01



PORT_JEFF_IC 23713	30.08 2.52 0.00	25.01 2.16 0.00	27.65 2.20 0.00	21.09 1.69 0.00	25.34 2.04 0.00	25.77 2.18 0.00	28.55 2.52 0.04	30.76 2.77 0.00	27.25 2.11 0.00	29.52 2.11 0.00	29.30 2.26 0.12	27.03 2.38 3.38	23.17 2.20 3.23	27.80 2.81 6.38	29.07 2.80 6.56	35.39 3.37 7.95	34.99 3.21 7.04	38.14 3.55 7.84	42.46 3.74 6.49	33.51 2.64 1.14	49.95 3.64 0.00	31.98 2.31 0.80	27.22 2.12 2.25	25.99 1.90 2.01
PPL PILGRIM_ST_GT1 24216	29.98 2.42 0.00	24.93 2.08 0.00	27.57 2.12 0.00	21.02 1.62 0.00	25.26 1.96 0.00	25.69 2.10 0.00	28.46 2.44 0.04	30.68 2.69 0.00	27.18 2.03 0.00	29.46 2.05 0.00	29.29 2.25 0.12	27.03 2.37 3.38	23.16 2.19 3.23	27.81 2.81 6.38	29.10 2.82 6.56	35.38 3.36 7.95	34.93 3.16 7.04	38.10 3.51 7.84	42.40 3.68 6.49	33.45 2.58 1.14	49.85 3.54 0.00	31.94 2.26 0.80	27.21 2.12 2.25	26.00 1.92 2.01
PPL PILGRIM_ST_GT2 24217	29.98 2.42 0.00	24.93 2.08 0.00	27.57 2.12 0.00	21.02 1.62 0.00	25.26 1.96 0.00	25.69 2.10 0.00	28.46 2.44 0.04	30.68 2.69 0.00	27.18 2.03 0.00	29.46 2.05 0.00	29.29 2.25 0.12	27.03 2.37 3.38	23.16 2.19 3.23	27.81 2.81 6.38	29.10 2.82 6.56	35.38 3.36 7.95	34.93 3.16 7.04	38.10 3.51 7.84	42.40 3.68 6.49	33.45 2.58 1.14	49.85 3.54 0.00	31.94 2.26 0.80	27.21 2.12 2.25	26.00 1.92 2.01
PPL_SHRM_GT3 24213	30.26 2.70 0.00	25.16 2.30 0.00	27.80 2.35 0.00	21.21 1.81 0.00	25.48 2.18 0.00	25.93 2.34 0.00	28.74 2.71 0.04	30.97 2.98 0.00	27.40 2.25 0.00	29.61 2.21 0.00	29.33 2.30 0.12	27.10 2.44 3.38	23.26 2.29 3.23	27.83 2.83 6.38	29.06 2.79 6.56	35.42 3.40 7.95	35.05 3.28 7.04	38.25 3.66 7.84	42.63 3.90 6.49	33.64 2.77 1.14	50.16 3.85 0.00	32.09 2.41 0.80	27.29 2.20 2.25	26.04 1.96 2.01
PPL_SHRM_GT4 24214	30.26 2.70 0.00	25.16 2.30 0.00	27.80 2.35 0.00	21.21 1.81 0.00	25.48 2.18 0.00	25.93 2.34 0.00	28.74 2.71 0.04	30.97 2.98 0.00	27.40 2.25 0.00	29.61 2.21 0.00	29.33 2.30 0.12	27.10 2.44 3.38	23.26 2.29 3.23	27.83 2.83 6.38	29.06 2.79 6.56	35.42 3.40 7.95	35.05 3.28 7.04	38.25 3.66 7.84	42.63 3.90 6.49	33.64 2.77 1.14	50.16 3.85 0.00	32.09 2.41 0.80	27.29 2.20 2.25	26.04 1.96 2.01
PROJECT___ORANGE 1 24174	26.93 -0.64 0.00	22.31 -0.55 0.00	24.84 -0.61 0.00	18.94 -0.46 0.00	22.80 -0.50 0.00	23.08 -0.52 0.00	25.04 -0.59 0.44	27.37 -0.62 0.00	24.56 -0.58 0.00	26.73 -0.68 0.00	25.26 -0.68 1.22	-5.43 -0.71 32.76	-6.22 -0.63 29.78	-31.16 -0.78 61.75	-31.25 -0.79 63.29	-38.84 -1.00 77.81	-31.16 -0.93 69.04	-35.60 -1.04 76.99	-19.76 -1.14 63.84	20.05 -0.78 11.18	45.19 -1.11 0.00	21.79 -0.78 7.90	4.45 -0.71 22.18	5.65 -0.68 19.76
PROJECT___ORANGE 2 24166	26.93 -0.64 0.00	22.31 -0.55 0.00	24.84 -0.61 0.00	18.94 -0.46 0.00	22.80 -0.50 0.00	23.08 -0.52 0.00	25.04 -0.59 0.44	27.37 -0.62 0.00	24.56 -0.58 0.00	26.73 -0.68 0.00	25.26 -0.68 1.22	-5.43 -0.71 32.76	-6.22 -0.63 29.78	-31.16 -0.78 61.75	-31.25 -0.79 63.29	-38.84 -1.00 77.81	-31.16 -0.93 69.04	-35.60 -1.04 76.99	-19.76 -1.14 63.84	20.05 -0.78 11.18	45.19 -1.11 0.00	21.79 -0.78 7.90	4.45 -0.71 22.18	5.65 -0.68 19.76
PUCKETT___SOLAR 323809	27.32 -0.25 0.00	22.68 -0.18 0.00	25.29 -0.16 0.00	19.28 -0.12 0.00	23.23 -0.07 0.00	23.47 -0.12 0.00	25.76 -0.04 0.27	28.16 0.16 0.00	25.20 0.06 0.00	27.30 -0.11 0.00	26.23 -0.26 0.67	9.61 -0.33 18.08	7.44 -0.27 16.48	-3.05 -0.26 34.17	-2.44 -0.25 35.02	-3.27 -0.19 43.05	0.23 -0.39 38.20	-0.61 -0.56 42.48	9.57 -0.46 35.18	25.63 -0.22 6.16	46.13 -0.18 0.00	26.01 -0.12 4.35	15.04 -0.09 12.22	15.10 -0.10 10.89
PYRITES___HYD 24023	27.47 -0.09 0.00	22.80 -0.06 0.00	25.55 0.10 0.00	19.51 0.11 0.00	23.41 0.11 0.00	23.54 -0.05 0.00	25.77 -0.22 0.08	27.39 -0.60 0.00	24.62 -0.52 0.00	27.05 -0.35 0.00	26.92 -0.02 0.21	22.20 -0.09 5.73	19.02 0.04 5.21	20.47 -0.09 10.81	21.55 -0.19 11.08	26.36 0.02 13.62	26.39 -0.34 12.09	28.54 -0.42 13.47	33.81 -0.25 11.17	29.93 -0.13 1.95	46.46 0.14 0.00	29.23 0.13 1.38	23.54 0.07 3.88	22.68 0.05 3.46
QUAKERRD_115KV_BK1 80622	25.84 -1.72 0.00	21.41 -1.45 0.00	23.89 -1.56 0.00	18.17 -1.23 0.00	21.87 -1.43 0.00	22.14 -1.46 0.00	24.13 -1.71 0.23	26.05 -1.95 0.00	23.33 -1.81 0.00	25.54 -1.86 0.00	24.79 -1.76 0.61	9.63 -1.71 16.69	7.42 -1.46 15.31	-2.17 -1.80 31.76	-1.56 -1.84 32.55	-2.24 -2.20 40.00	1.21 -2.11 35.50	0.50 -2.53 39.40	9.65 -2.96 32.61	24.12 -2.18 5.71	43.33 -2.98 0.00	24.33 -2.11 4.04	14.08 -1.93 11.34	14.31 -1.69 10.09
QUENSBRY_115KV_TB8 356137	28.73 1.17 0.00	23.80 0.94 0.00	26.24 0.79 0.00	20.17 0.77 0.00	24.16 0.86 0.00	24.48 0.88 0.00	27.24 1.20 0.03	29.48 1.49 0.00	26.28 1.14 0.00	28.18 0.77 0.00	27.64 0.56 0.09	26.18 0.45 2.31	22.44 0.35 2.10	27.56 0.55 4.36	29.31 0.96 4.48	35.56 1.11 5.51	35.10 1.18 4.90	38.61 1.62 5.45	42.84 2.14 4.51	32.68 1.46 0.79	48.25 1.94 0.00	31.25 1.32 0.55	26.95 1.14 1.54	25.72 1.00 1.37
RAMAPO___LBMP 323565	29.10 1.53 0.00	24.15 1.30 0.00	26.72 1.27 0.00	20.41 1.01 0.00	24.51 1.21 0.00	24.90 1.31 0.00	27.55 1.53 0.04	29.78 1.79 0.00	26.62 1.48 0.00	28.87 1.47 0.00	28.52 1.49 0.13	26.19 1.66 3.50	22.53 1.46 3.13	26.83 2.06 6.61	28.39 2.31 6.74	34.37 2.65 8.24	34.12 2.62 7.31	37.15 2.86 8.13	41.28 2.80 6.74	32.73 1.90 1.18	48.78 2.47 0.00	31.22 1.58 0.83	26.46 1.45 2.34	25.29 1.29 2.09
RANKINE____ 23646	26.00 -1.57 0.00	21.55 -1.31 0.00	24.15 -1.30 0.00	18.33 -1.07 0.00	22.08 -1.22 0.00	22.29 -1.31 0.00	24.17 -1.67 0.23	25.99 -2.00 0.00	23.30 -1.85 0.00	25.68 -1.72 0.00	25.07 -1.50 0.60	10.57 -1.12 16.35	8.28 -0.91 15.00	-0.69 -0.96 31.10	-0.04 -0.99 31.88	-0.35 -1.14 39.18	2.94 -1.10 34.77	2.01 -1.79 38.62	10.40 -2.66 32.16	24.16 -2.25 5.60	43.32 -2.99 0.00	24.37 -2.15 3.95	14.49 -1.82 11.04	14.79 -1.41 9.90
RAVENSWOOD_GT2_1 24244	29.38 1.81 0.00	24.42 1.56 0.00	26.96 1.51 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.18 1.58 0.00	27.89 1.86 0.04	30.15 2.15 0.00	26.98 1.83 0.00	29.26 1.85 0.00	28.94 1.90 0.12	26.76 2.10 3.37	25.68 1.85 0.36	27.53 2.53 6.37	29.77 2.78 5.83	35.33 3.22 7.85	34.91 3.13 7.04	38.02 3.42 7.82	42.07 3.35 6.49	33.15 2.27 1.14	49.24 2.93 0.00	31.53 1.85 0.80	26.80 1.70 2.25	25.60 1.52 2.01
RAVENSWOOD_GT2_2 24245	29.38 1.81 0.00	24.42 1.56 0.00	26.96 1.51 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.18 1.58 0.00	27.89 1.86 0.04	30.15 2.15 0.00	26.98 1.83 0.00	29.26 1.85 0.00	28.94 1.90 0.12	26.76 2.10 3.37	25.68 1.85 0.36	27.53 2.53 6.37	29.77 2.78 5.83	35.33 3.22 7.85	34.91 3.13 7.04	38.02 3.42 7.82	42.07 3.35 6.49	33.15 2.27 1.14	49.24 2.93 0.00	31.53 1.85 0.80	26.80 1.70 2.25	25.60 1.52 2.01



RAVENSWOOD_GT2_3 24246	29.39 1.82 0.00	24.43 1.57 0.00	26.97 1.52 0.00	20.63 1.23 0.00	24.76 1.46 0.00	25.18 1.59 0.00	27.90 1.87 0.04	30.16 2.17 0.00	26.99 1.85 0.00	29.27 1.87 0.00	28.96 1.92 0.12	26.78 2.12 3.37	25.70 1.86 0.36	27.54 2.54 6.37	29.79 2.80 5.83	35.34 3.23 7.85	34.93 3.15 7.04	38.04 3.43 7.82	42.07 3.35 6.49	33.17 2.30 1.14	49.26 2.95 0.00	31.55 1.87 0.80	26.81 1.72 2.25	25.61 1.53 2.01
RAVENSWOOD_GT2_4 24247	29.39 1.82 0.00	24.43 1.57 0.00	26.97 1.52 0.00	20.63 1.23 0.00	24.76 1.46 0.00	25.18 1.59 0.00	27.90 1.87 0.04	30.16 2.17 0.00	26.99 1.85 0.00	29.27 1.87 0.00	28.96 1.92 0.12	26.78 2.12 3.37	25.70 1.86 0.36	27.54 2.54 6.37	29.79 2.80 5.83	35.34 3.23 7.85	34.93 3.15 7.04	38.04 3.43 7.82	42.07 3.35 6.49	33.17 2.30 1.14	49.26 2.95 0.00	31.55 1.87 0.80	26.81 1.72 2.25	25.61 1.53 2.01
RAVENSWOOD_GT3_1 24248	29.38 1.81 0.00	24.42 1.56 0.00	26.96 1.51 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.18 1.58 0.00	27.89 1.86 0.04	30.15 2.15 0.00	26.98 1.83 0.00	29.26 1.85 0.00	28.94 1.90 0.12	26.76 2.11 3.37	25.69 1.85 0.36	27.53 2.53 6.37	29.77 2.78 5.83	35.33 3.22 7.85	34.92 3.14 7.04	38.03 3.42 7.82	42.07 3.35 6.49	33.15 2.27 1.14	49.24 2.93 0.00	31.53 1.85 0.80	26.80 1.70 2.25	25.60 1.52 2.01
RAVENSWOOD_GT3_2 24249	29.38 1.81 0.00	24.42 1.56 0.00	26.96 1.51 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.18 1.58 0.00	27.89 1.86 0.04	30.15 2.15 0.00	26.98 1.83 0.00	29.26 1.85 0.00	28.94 1.90 0.12	26.76 2.11 3.37	25.69 1.85 0.36	27.53 2.53 6.37	29.77 2.78 5.83	35.33 3.22 7.85	34.92 3.14 7.04	38.03 3.42 7.82	42.07 3.35 6.49	33.15 2.27 1.14	49.24 2.93 0.00	31.53 1.85 0.80	26.80 1.70 2.25	25.60 1.52 2.01
RAVENSWOOD_GT3_3 24250	29.42 1.85 0.00	24.45 1.59 0.00	27.00 1.55 0.00	20.65 1.25 0.00	24.78 1.48 0.00	25.21 1.61 0.00	27.92 1.90 0.04	30.19 2.20 0.00	27.02 1.87 0.00	29.30 1.90 0.00	28.98 1.95 0.12	26.81 2.15 3.37	25.72 1.89 0.36	27.58 2.58 6.37	29.83 2.84 5.83	35.39 3.28 7.85	34.98 3.20 7.04	38.09 3.48 7.82	42.15 3.43 6.49	33.20 2.33 1.14	49.31 3.00 0.00	31.58 1.90 0.80	26.83 1.74 2.25	25.64 1.56 2.01
RAVENSWOOD_GT3_4 24251	29.42 1.85 0.00	24.45 1.59 0.00	27.00 1.55 0.00	20.65 1.25 0.00	24.78 1.48 0.00	25.21 1.61 0.00	27.92 1.90 0.04	30.19 2.20 0.00	27.02 1.87 0.00	29.30 1.90 0.00	28.98 1.95 0.12	26.81 2.15 3.37	25.72 1.89 0.36	27.58 2.58 6.37	29.83 2.84 5.83	35.39 3.28 7.85	34.98 3.20 7.04	38.09 3.48 7.82	42.15 3.43 6.49	33.20 2.33 1.14	49.31 3.00 0.00	31.58 1.90 0.80	26.83 1.74 2.25	25.64 1.56 2.01
RAVENSWOOD_GT_1 23729	29.45 1.88 0.00	24.49 1.63 0.00	27.01 1.57 0.00	20.67 1.27 0.00	24.81 1.51 0.00	25.25 1.65 0.00	27.97 1.94 0.04	30.23 2.23 0.00	27.07 1.93 0.00	29.34 1.94 0.00	29.05 2.01 0.12	26.89 2.23 3.37	25.76 1.92 0.36	27.66 2.66 6.37	29.89 2.90 5.83	35.48 3.36 7.85	35.08 3.30 7.04	38.18 3.57 7.82	42.22 3.50 6.49	33.26 2.39 1.14	49.36 3.05 0.00	31.63 1.96 0.80	26.88 1.79 2.25	25.69 1.60 2.01
RAVENSWOOD_GT_10 24258	29.38 1.81 0.00	24.42 1.56 0.00	26.96 1.51 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.17 1.58 0.00	27.89 1.86 0.04	30.15 2.15 0.00	26.98 1.83 0.00	29.26 1.85 0.00	28.94 1.90 0.12	26.76 2.10 3.37	25.68 1.85 0.36	27.53 2.53 6.37	29.77 2.78 5.83	35.33 3.22 7.85	34.91 3.13 7.04	38.02 3.42 7.82	42.06 3.34 6.49	33.15 2.27 1.14	49.24 2.93 0.00	31.52 1.85 0.80	26.80 1.70 2.25	25.60 1.52 2.01
RAVENSWOOD_GT_11 24259	29.38 1.81 0.00	24.42 1.56 0.00	26.96 1.51 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.17 1.58 0.00	27.89 1.86 0.04	30.15 2.15 0.00	26.98 1.83 0.00	29.26 1.85 0.00	28.94 1.90 0.12	26.76 2.10 3.37	25.68 1.85 0.36	27.53 2.53 6.37	29.77 2.78 5.83	35.33 3.22 7.85	34.91 3.13 7.04	38.02 3.42 7.82	42.06 3.34 6.49	33.15 2.27 1.14	49.24 2.93 0.00	31.52 1.85 0.80	26.80 1.70 2.25	25.60 1.52 2.01
RAVENSWOOD_GT_4 24252	29.37 1.81 0.00	24.41 1.55 0.00	26.97 1.52 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.17 1.58 0.00	27.88 1.86 0.04	30.15 2.15 0.00	26.97 1.83 0.00	29.26 1.85 0.00	28.93 1.90 0.12	26.75 2.09 3.37	25.68 1.84 0.36	27.51 2.51 6.37	29.76 2.77 5.83	35.31 3.20 7.85	34.90 3.12 7.04	38.00 3.39 7.82	42.05 3.33 6.49	33.14 2.27 1.14	49.24 2.93 0.00	31.52 1.85 0.80	26.79 1.69 2.25	25.59 1.51 2.01
RAVENSWOOD_GT_5 24254	29.37 1.81 0.00	24.41 1.55 0.00	26.97 1.52 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.17 1.58 0.00	27.88 1.86 0.04	30.15 2.15 0.00	26.97 1.83 0.00	29.26 1.85 0.00	28.93 1.90 0.12	26.75 2.09 3.37	25.68 1.84 0.36	27.51 2.51 6.37	29.76 2.77 5.83	35.31 3.20 7.85	34.90 3.12 7.04	38.00 3.39 7.82	42.05 3.33 6.49	33.14 2.27 1.14	49.24 2.93 0.00	31.52 1.85 0.80	26.79 1.69 2.25	25.59 1.51 2.01
RAVENSWOOD_GT_6 24253	29.37 1.81 0.00	24.41 1.55 0.00	26.97 1.52 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.17 1.58 0.00	27.88 1.86 0.04	30.15 2.15 0.00	26.97 1.83 0.00	29.26 1.85 0.00	28.93 1.90 0.12	26.75 2.09 3.37	25.68 1.84 0.36	27.51 2.51 6.37	29.76 2.77 5.83	35.31 3.20 7.85	34.90 3.12 7.04	38.00 3.39 7.82	42.05 3.33 6.49	33.14 2.27 1.14	49.24 2.93 0.00	31.52 1.85 0.80	26.79 1.69 2.25	25.59 1.51 2.01
RAVENSWOOD_GT_7 24255	29.37 1.81 0.00	24.41 1.55 0.00	26.97 1.52 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.17 1.58 0.00	27.88 1.86 0.04	30.15 2.15 0.00	26.97 1.83 0.00	29.26 1.85 0.00	28.93 1.90 0.12	26.75 2.09 3.37	25.68 1.84 0.36	27.51 2.51 6.37	29.76 2.77 5.83	35.31 3.20 7.85	34.90 3.12 7.04	38.00 3.39 7.82	42.05 3.33 6.49	33.14 2.27 1.14	49.24 2.93 0.00	31.52 1.85 0.80	26.79 1.69 2.25	25.59 1.51 2.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.38 1.81 0.00	24.42 1.56 0.00	26.96 1.51 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.17 1.58 0.00	27.89 1.86 0.04	30.15 2.15 0.00	26.98 1.83 0.00	29.26 1.85 0.00	28.94 1.90 0.12	26.76 2.10 3.37	25.68 1.85 0.36	27.53 2.53 6.37	29.77 2.78 5.83	35.33 3.22 7.85	34.91 3.13 7.04	38.02 3.42 7.82	42.06 3.34 6.49	33.15 2.27 1.14	49.24 2.93 0.00	31.52 1.85 0.80	26.80 1.70 2.25	25.60 1.52 2.01
RAVENSWOOD_GT_9 24257	29.38 1.81 0.00	24.42 1.56 0.00	26.96 1.51 0.00	20.62 1.22 0.00	24.75 1.45 0.00	25.17 1.58 0.00	27.89 1.86 0.04	30.15 2.15 0.00	26.98 1.83 0.00	29.26 1.85 0.00	28.94 1.90 0.12	26.76 2.10 3.37	25.68 1.85 0.36	27.53 2.53 6.37	29.77 2.78 5.83	35.33 3.22 7.85	34.91 3.13 7.04	38.02 3.42 7.82	42.06 3.34 6.49	33.15 2.27 1.14	49.24 2.93 0.00	31.52 1.85 0.80	26.80 1.70 2.25	25.60 1.52 2.01



RAVENSWOOD___1 23533	29.41 1.85 0.00	24.46 1.60 0.00	26.97 1.53 0.00	20.64 1.24 0.00	24.77 1.47 0.00	25.20 1.61 0.00	27.92 1.90 0.04	30.17 2.18 0.00	27.02 1.87 0.00	29.28 1.88 0.00	28.99 1.95 0.12	26.85 2.19 3.37	25.72 1.88 0.36	27.62 2.62 6.37	29.84 2.84 5.83	35.41 3.30 7.85	35.02 3.24 7.04	38.11 3.50 7.82	42.15 3.43 6.49	33.21 2.34 1.14	49.30 2.99 0.00	31.58 1.91 0.80	26.85 1.76 2.25	25.66 1.57 2.01
RAVENSWOOD___2 23534	29.41 1.85 0.00	24.46 1.60 0.00	26.97 1.53 0.00	20.64 1.24 0.00	24.77 1.47 0.00	25.20 1.61 0.00	27.92 1.90 0.04	30.17 2.18 0.00	27.02 1.87 0.00	29.28 1.88 0.00	28.99 1.95 0.12	26.85 2.19 3.37	25.72 1.88 0.36	27.62 2.62 6.37	29.84 2.84 5.83	35.41 3.30 7.85	35.02 3.24 7.04	38.11 3.50 7.82	42.15 3.43 6.49	33.21 2.34 1.14	49.30 2.99 0.00	31.58 1.91 0.80	26.85 1.76 2.25	25.66 1.57 2.01
RAVENSWOOD___3 23535	29.38 1.81 0.00	24.42 1.56 0.00	26.96 1.51 0.00	20.63 1.22 0.00	24.75 1.45 0.00	25.18 1.59 0.00	27.89 1.86 0.04	30.15 2.16 0.00	26.97 1.83 0.00	29.26 1.86 0.00	28.94 1.90 0.12	26.78 2.12 3.37	25.69 1.85 0.36	27.54 2.54 6.37	29.79 2.80 5.83	35.34 3.23 7.85	34.92 3.15 7.04	38.03 3.42 7.82	42.07 3.35 6.49	33.15 2.28 1.14	49.24 2.93 0.00	31.53 1.85 0.80	26.81 1.71 2.25	25.61 1.52 2.01
RAVENSWOOD___4 23820	29.41 1.85 0.00	24.46 1.60 0.00	26.97 1.53 0.00	20.64 1.24 0.00	24.77 1.47 0.00	25.20 1.61 0.00	27.92 1.90 0.04	30.17 2.18 0.00	27.02 1.87 0.00	29.28 1.88 0.00	28.99 1.95 0.12	26.85 2.19 3.37	25.72 1.88 0.36	27.62 2.62 6.37	29.84 2.84 5.83	35.41 3.30 7.85	35.02 3.24 7.04	38.11 3.50 7.82	42.15 3.43 6.49	33.21 2.34 1.14	49.30 2.99 0.00	31.58 1.91 0.80	26.85 1.76 2.25	25.66 1.57 2.01
RCPL_TRUST___DRP 24196	29.37 1.80 0.00	24.41 1.55 0.00	26.96 1.51 0.00	20.62 1.22 0.00	24.76 1.46 0.00	25.19 1.59 0.00	27.91 1.88 0.04	30.18 2.18 0.00	27.00 1.86 0.00	29.28 1.88 0.00	28.97 1.93 0.12	26.78 2.12 3.38	24.67 1.86 1.39	27.54 2.54 6.38	29.53 2.80 6.09	35.32 3.24 7.89	34.93 3.15 7.04	38.03 3.43 7.83	42.08 3.36 6.49	33.15 2.28 1.14	49.26 2.95 0.00	31.55 1.87 0.80	26.82 1.73 2.26	25.62 1.54 2.01
RED___ROCHESTER 323720	26.45 -1.12 0.00	21.88 -0.98 0.00	24.42 -1.03 0.00	18.56 -0.84 0.00	22.34 -0.95 0.00	22.61 -0.98 0.00	24.65 -1.20 0.22	26.56 -1.43 0.00	23.82 -1.33 0.00	26.11 -1.30 0.00	25.39 -1.19 0.57	11.04 -1.07 15.92	8.62 -0.89 14.68	-0.08 -1.01 30.44	0.59 -1.04 31.20	0.35 -1.27 38.35	3.63 -1.15 34.03	3.08 -1.57 37.78	11.97 -1.97 31.27	25.02 -1.51 5.47	44.34 -1.97 0.00	25.14 -1.47 3.87	15.10 -1.37 10.87	15.29 -1.13 9.68
REGAN___SOLAR 323812	28.72 1.15 0.00	23.77 0.91 0.00	26.46 1.01 0.00	20.20 0.79 0.00	24.29 0.99 0.00	24.61 1.02 0.00	27.24 1.19 0.03	29.55 1.55 0.00	26.08 0.94 0.00	27.92 0.52 0.00	27.04 0.00 0.12	24.68 -0.23 3.12	21.00 -0.36 2.84	25.11 -0.37 5.89	26.59 -0.20 6.04	32.94 0.41 7.44	33.23 1.02 6.60	36.67 1.58 7.34	41.25 2.11 6.08	32.57 1.62 1.06	48.63 2.32 0.00	31.23 1.49 0.74	26.54 1.27 2.08	25.46 1.22 1.85
RENSSELAER___COGEN 23796	27.92 0.35 0.00	23.21 0.35 0.00	25.68 0.23 0.00	19.69 0.29 0.00	23.59 0.28 0.00	23.83 0.23 0.00	26.33 0.29 0.03	28.39 0.40 0.00	25.39 0.25 0.00	27.45 0.05 0.00	26.98 -0.09 0.09	25.54 -0.13 2.37	21.89 -0.15 2.16	26.75 -0.15 4.48	28.23 0.00 4.59	34.18 -0.13 5.66	33.64 -0.15 5.03	36.84 0.01 5.60	40.59 0.00 4.62	31.26 0.06 0.81	46.13 -0.18 0.00	29.98 0.06 0.57	25.87 0.11 1.59	24.77 0.10 1.42
REPUBLIC_115KV_BARTNBK 55605	29.30 1.73 0.00	24.27 1.41 0.00	26.48 1.03 0.00	20.56 1.16 0.00	24.51 1.21 0.00	24.93 1.33 0.00	27.93 1.88 0.03	30.38 2.39 0.00	26.93 1.78 0.00	28.48 1.07 0.00	27.99 0.92 0.09	26.59 0.86 2.31	22.82 0.73 2.10	28.13 1.12 4.36	30.61 2.25 4.47	36.97 2.52 5.51	36.52 2.60 4.90	39.88 2.90 5.45	44.71 4.00 4.50	33.84 2.62 0.79	49.99 3.68 0.00	32.39 2.46 0.55	27.91 2.10 1.54	26.64 1.91 1.37
REVERE_CPPR_DRP 24186	28.01 0.44 0.00	23.20 0.34 0.00	25.80 0.35 0.00	19.70 0.30 0.00	23.74 0.44 0.00	24.06 0.46 0.00	26.45 0.59 0.21	28.62 0.62 0.00	25.76 0.62 0.00	27.97 0.57 0.00	27.14 0.56 0.58	13.02 0.53 15.54	10.49 0.42 14.13	2.68 0.60 29.29	3.43 0.63 30.03	3.83 0.77 36.91	6.90 0.84 32.76	7.01 1.10 36.52	16.13 1.19 30.27	27.61 0.90 5.30	47.56 1.25 0.00	27.46 0.73 3.75	17.42 0.59 10.52	17.22 0.50 9.37
REYNLDPA_13_KV_LD 356490	27.55 -0.01 0.00	22.84 -0.02 0.00	25.52 0.07 0.00	19.41 0.01 0.00	23.27 -0.03 0.00	23.45 -0.15 0.00	25.81 -0.22 0.03	27.59 -0.40 0.00	24.83 -0.32 0.00	27.29 -0.12 0.00	27.09 0.02 0.09	25.51 0.01 2.53	21.95 0.05 2.30	26.56 -0.06 4.76	27.83 -0.12 4.88	33.97 0.01 6.00	33.33 -0.16 5.33	36.18 -0.31 5.93	40.01 -0.28 4.92	30.91 -0.24 0.86	46.18 -0.13 0.00	29.78 -0.09 0.61	25.49 -0.15 1.71	24.46 -0.11 1.52
REYNOLDS_115KV_TB3 80639	28.12 0.55 0.00	23.34 0.49 0.00	25.83 0.38 0.00	19.81 0.41 0.00	23.72 0.42 0.00	23.96 0.37 0.00	26.48 0.44 0.03	28.57 0.58 0.00	25.54 0.40 0.00	27.59 0.19 0.09	27.10 0.03 0.09	25.65 -0.03 2.36	21.97 -0.07 2.15	26.87 -0.04 4.46	28.37 0.12 4.58	34.34 0.02 5.64	33.79 -0.01 5.02	36.99 0.14 5.58	40.80 0.20 4.61	31.37 0.17 0.81	46.34 0.03 0.00	30.11 0.20 0.56	25.99 0.24 1.59	24.89 0.21 1.42
RIVERBAY____ 323610	30.17 2.61 0.00	25.10 2.24 0.00	27.69 2.24 0.00	21.20 1.79 0.00	25.47 2.17 0.00	25.96 2.37 0.00	28.79 2.77 0.04	31.04 3.05 0.00	27.66 2.51 0.00	29.95 2.55 0.00	29.63 2.60 0.12	27.44 2.79 3.37	25.74 2.38 0.84	28.31 3.30 6.37	30.39 3.52 5.95	36.24 4.13 7.85	35.81 4.03 7.04	38.95 4.34 7.82	42.96 4.23 6.49	33.83 2.96 1.14	50.14 3.83 0.00	32.17 2.50 0.80	27.37 2.28 2.25	26.17 2.09 2.01
RIVERSDE_115KV_TB3 55908	28.02 0.46 0.00	23.28 0.42 0.00	25.76 0.31 0.00	19.75 0.35 0.00	23.66 0.36 0.00	23.90 0.31 0.00	26.41 0.37 0.03	28.50 0.51 0.00	25.49 0.34 0.00	27.54 0.14 0.00	27.07 0.00 0.09	25.62 -0.06 2.36	21.95 -0.09 2.15	26.84 -0.08 4.46	28.33 0.08 4.58	34.30 -0.02 5.64	33.77 -0.04 5.01	36.97 0.12 5.58	40.75 0.15 4.61	31.35 0.15 0.81	46.27 -0.04 0.00	30.07 0.15 0.56	25.95 0.19 1.59	24.85 0.17 1.42
ROARING___BROOK_WT_PWR 323790	27.18 -0.39 0.00	22.59 -0.27 0.00	25.17 -0.28 0.00	19.21 -0.19 0.00	23.11 -0.19 0.00	23.34 -0.25 0.00	25.56 -0.48 0.03	27.28 -0.71 0.00	24.59 -0.55 0.00	26.88 -0.53 0.00	26.64 -0.45 0.07	25.59 -0.55 1.89	22.06 -0.42 1.72	27.22 -0.59 3.57	28.49 -0.68 3.65	34.65 -0.82 4.49	33.93 -0.90 3.99	36.95 -1.04 4.44	40.53 -1.00 3.68	30.72 -0.64 0.64	45.23 -1.08 0.00	29.31 -0.72 0.46	25.29 -0.78 1.28	24.26 -0.70 1.14



ROCHESRG_115KV_T4 355643	26.18 -1.38 0.00	21.68 -1.18 0.00	24.22 -1.23 0.00	18.41 -0.99 0.00	22.16 -1.14 0.00	22.42 -1.17 0.00	24.42 -1.43 0.22	26.31 -1.68 0.00	23.57 -1.58 0.00	25.84 -1.57 0.00	25.15 -1.45 0.57	11.08 -1.31 15.65	8.67 -1.11 14.42	0.18 -1.30 29.90	0.87 -1.31 30.65	0.75 -1.55 37.66	3.92 -1.48 33.42	3.39 -1.93 37.10	12.05 -2.43 30.73	24.75 -1.88 5.38	43.83 -2.48 0.00	24.88 -1.80 3.80	15.04 -1.63 10.68	15.23 -1.36 9.50
ROCHESTER_9_IC 23652	26.31 -1.25 0.00	21.79 -1.07 0.00	24.33 -1.12 0.00	18.49 -0.91 0.00	22.26 -1.04 0.00	22.53 -1.06 0.00	24.54 -1.31 0.22	26.45 -1.54 0.00	23.70 -1.45 0.00	25.98 -1.42 0.00	25.28 -1.31 0.57	10.93 -1.18 15.92	8.52 -0.99 14.68	-0.23 -1.16 30.44	0.45 -1.17 31.20	0.23 -1.39 38.35	3.47 -1.32 34.03	2.92 -1.73 37.78	11.76 -2.20 31.27	24.85 -1.69 5.47	44.10 -2.21 0.00	24.98 -1.63 3.87	14.99 -1.49 10.87	15.18 -1.23 9.67
ROCKVIEW_13_KV_LD 356306	29.39 1.82 0.00	24.40 1.55 0.00	26.97 1.52 0.00	20.61 1.21 0.00	24.74 1.44 0.00	25.14 1.54 0.00	27.84 1.82 0.04	30.10 2.11 0.00	26.92 1.78 0.00	29.19 1.78 0.00	28.85 1.81 0.12	26.65 2.00 3.38	22.88 1.76 3.08	27.41 2.41 6.38	28.96 2.66 6.52	35.09 3.07 7.94	34.77 3.00 7.05	37.89 3.29 7.84	41.99 3.27 6.49	33.09 2.22 1.14	49.22 2.91 0.00	31.55 1.88 0.80	26.81 1.72 2.26	25.62 1.53 2.01
ROME____115KV_TB2 80656	28.01 0.44 0.00	23.20 0.34 0.00	25.80 0.35 0.00	19.70 0.30 0.00	23.74 0.44 0.00	24.06 0.46 0.00	26.45 0.59 0.21	28.62 0.62 0.00	25.76 0.62 0.00	27.97 0.57 0.00	27.14 0.56 0.58	13.02 0.53 15.54	10.49 0.42 14.13	2.68 0.60 29.29	3.43 0.63 30.03	3.83 0.77 36.91	6.90 0.84 32.76	7.01 1.10 36.52	16.13 1.19 30.27	27.61 0.90 5.30	47.56 1.25 0.00	27.46 0.73 3.75	17.42 0.59 10.52	17.22 0.50 9.37
ROSETON___1 23587	29.02 1.45 0.00	24.07 1.21 0.00	26.63 1.18 0.00	20.35 0.95 0.00	24.43 1.13 0.00	24.80 1.20 0.00	27.43 1.41 0.04	29.64 1.65 0.00	26.51 1.36 0.00	28.73 1.33 0.00	28.37 1.33 0.13	26.12 1.47 3.38	22.40 1.29 3.08	26.78 1.79 6.39	28.30 2.02 6.55	34.30 2.36 8.02	34.00 2.30 7.12	37.07 2.56 7.91	41.17 2.51 6.56	32.58 1.71 1.15	48.52 2.21 0.00	31.10 1.43 0.81	26.41 1.34 2.28	25.26 1.20 2.03
ROSETON___2 23588	29.02 1.45 0.00	24.07 1.21 0.00	26.63 1.18 0.00	20.35 0.95 0.00	24.43 1.13 0.00	24.80 1.20 0.00	27.43 1.41 0.04	29.64 1.65 0.00	26.51 1.36 0.00	28.73 1.33 0.00	28.37 1.33 0.13	26.12 1.47 3.38	22.40 1.29 3.08	26.78 1.79 6.39	28.30 2.02 6.55	34.30 2.36 8.02	34.00 2.30 7.12	37.07 2.56 7.91	41.17 2.51 6.56	32.58 1.71 1.15	48.52 2.21 0.00	31.10 1.43 0.81	26.41 1.34 2.28	25.26 1.20 2.03
ROTRDAM_115KV_TB3 80664	28.21 0.64 0.00	23.38 0.52 0.00	25.94 0.49 0.00	19.85 0.45 0.00	23.82 0.52 0.00	24.08 0.49 0.00	26.65 0.61 0.03	28.74 0.75 0.00	25.70 0.55 0.00	27.80 0.40 0.00	27.35 0.28 0.09	25.92 0.22 2.33	22.23 0.15 2.13	27.23 0.26 4.41	28.72 0.41 4.52	34.88 0.49 5.57	34.39 0.52 4.94	37.68 0.75 5.50	41.55 0.89 4.55	31.82 0.61 0.80	47.03 0.72 0.00	30.46 0.52 0.55	26.30 0.49 1.54	25.17 0.45 1.37
RUSSELL___1 23602	26.45 -1.11 0.00	21.88 -0.98 0.00	24.42 -1.03 0.00	18.56 -0.84 0.00	22.35 -0.95 0.00	22.61 -0.98 0.00	24.65 -1.20 0.22	26.57 -1.42 0.00	23.81 -1.34 0.00	26.11 -1.30 0.00	25.39 -1.20 0.57	11.04 -1.06 15.92	8.62 -0.90 14.68	-0.12 -1.05 30.44	0.56 -1.06 31.20	0.36 -1.25 38.35	3.63 -1.16 34.03	3.10 -1.56 37.78	11.98 -1.97 31.27	25.02 -1.51 5.47	44.33 -1.97 0.00	25.13 -1.47 3.87	15.12 -1.35 10.87	15.30 -1.12 9.68
RUSSELL___2 23532	26.45 -1.11 0.00	21.88 -0.98 0.00	24.42 -1.03 0.00	18.56 -0.84 0.00	22.35 -0.95 0.00	22.61 -0.98 0.00	24.65 -1.20 0.22	26.57 -1.42 0.00	23.81 -1.34 0.00	26.11 -1.30 0.00	25.39 -1.20 0.57	11.04 -1.06 15.92	8.62 -0.90 14.68	-0.12 -1.05 30.44	0.56 -1.06 31.20	0.36 -1.25 38.35	3.63 -1.16 34.03	3.10 -1.56 37.78	11.98 -1.97 31.27	25.02 -1.51 5.47	44.33 -1.97 0.00	25.13 -1.47 3.87	15.12 -1.35 10.87	15.30 -1.12 9.68
RUSSELL___3 23549	26.45 -1.11 0.00	21.88 -0.98 0.00	24.42 -1.03 0.00	18.56 -0.84 0.00	22.35 -0.95 0.00	22.61 -0.98 0.00	24.65 -1.20 0.22	26.57 -1.42 0.00	23.81 -1.34 0.00	26.11 -1.30 0.00	25.39 -1.20 0.57	11.04 -1.06 15.92	8.62 -0.90 14.68	-0.12 -1.05 30.44	0.56 -1.06 31.20	0.36 -1.25 38.35	3.63 -1.16 34.03	3.10 -1.56 37.78	11.98 -1.97 31.27	25.02 -1.51 5.47	44.33 -1.97 0.00	25.13 -1.47 3.87	15.12 -1.35 10.87	15.30 -1.12 9.68
RUSSELL___4 23556	26.45 -1.11 0.00	21.88 -0.98 0.00	24.42 -1.03 0.00	18.56 -0.84 0.00	22.35 -0.95 0.00	22.61 -0.98 0.00	24.65 -1.20 0.22	26.57 -1.42 0.00	23.81 -1.34 0.00	26.11 -1.30 0.00	25.39 -1.20 0.57	11.04 -1.06 15.92	8.62 -0.90 14.68	-0.12 -1.05 30.44	0.56 -1.06 31.20	0.36 -1.25 38.35	3.63 -1.16 34.03	3.10 -1.56 37.78	11.98 -1.97 31.27	25.02 -1.51 5.47	44.33 -1.97 0.00	25.13 -1.47 3.87	15.12 -1.35 10.87	15.30 -1.12 9.68
RUSSELL___STATION 23914	26.45 -1.11 0.00	21.88 -0.98 0.00	24.42 -1.03 0.00	18.56 -0.84 0.00	22.35 -0.95 0.00	22.61 -0.98 0.00	24.65 -1.20 0.22	26.57 -1.42 0.00	23.81 -1.34 0.00	26.11 -1.30 0.00	25.39 -1.20 0.57	11.04 -1.06 15.92	8.62 -0.90 14.68	-0.12 -1.05 30.44	0.56 -1.06 31.20	0.36 -1.25 38.35	3.63 -1.16 34.03	3.10 -1.56 37.78	11.98 -1.97 31.27	25.02 -1.51 5.47	44.33 -1.97 0.00	25.13 -1.47 3.87	15.12 -1.35 10.87	15.30 -1.12 9.68
S SALMON___HYD 24043	26.64 -0.93 0.00	22.00 -0.86 0.00	24.50 -0.95 0.00	18.71 -0.70 0.00	22.53 -0.78 0.00	22.78 -0.81 0.00	24.72 -0.90 0.45	26.97 -1.02 0.00	24.24 -0.90 0.00	26.35 -1.05 0.00	24.85 -1.07 1.23	-6.36 -1.27 33.12	-7.00 -1.08 30.11	-32.44 -1.38 62.44	-32.57 -1.40 64.00	-40.43 -1.72 78.68	-32.70 -1.70 69.82	-37.11 -1.77 77.77	-21.00 -1.77 64.45	19.63 -1.09 11.28	44.72 -1.59 0.00	21.32 -1.18 7.98	3.84 -1.11 22.40	5.07 -1.07 19.95
S.PERRY__115KV_TB1 80734	26.79 -0.77 0.00	22.27 -0.59 0.00	24.98 -0.47 0.00	19.00 -0.40 0.00	22.91 -0.39 0.00	23.14 -0.46 0.00	25.27 -0.55 0.24	27.20 -0.79 0.00	24.43 -0.72 0.00	26.61 -0.79 0.00	25.62 -0.90 0.64	9.65 -0.93 17.45	7.31 -0.88 16.01	-2.93 -1.11 33.19	-2.39 -1.20 34.03	-3.38 -1.53 41.82	0.21 -1.50 37.11	-0.73 -1.94 41.22	9.44 -2.28 33.50	24.72 -1.32 5.97	45.21 -1.10 0.00	25.52 -0.74 4.22	14.82 -0.69 11.84	14.97 -0.56 10.56
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.70 -1.87 0.00	21.29 -1.56 0.00	23.86 -1.59 0.00	18.10 -1.30 0.00	21.79 -1.51 0.00	22.01 -1.59 0.00	23.83 -2.02 0.22	25.58 -2.41 0.00	22.91 -2.24 0.00	25.29 -2.12 0.00	24.72 -1.86 0.59	10.45 -1.47 16.11	8.21 -1.20 14.79	-0.59 -1.30 30.67	0.08 -1.31 31.44	-0.17 -1.50 38.63	3.10 -1.43 34.29	2.14 -2.20 38.08	10.36 -3.15 31.70	23.84 -2.65 5.52	42.74 -3.57 0.00	24.04 -2.55 3.89	14.31 -2.19 10.84	14.62 -1.72 9.75



SAWYER___23_KV_LOAD 55526	25.70 -1.87 0.00	21.29 -1.56 0.00	23.86 -1.59 0.00	18.10 -1.30 0.00	21.79 -1.51 0.00	22.01 -1.59 0.00	23.83 -2.02 0.22	25.58 -2.41 0.00	22.91 -2.24 0.00	25.29 -2.12 0.00	24.72 -1.86 0.59	10.45 -1.47 16.11	8.21 -1.20 14.79	-0.59 -1.30 30.67	0.08 -1.31 31.44	-0.17 -1.50 38.63	3.10 -1.43 34.29	2.14 -2.20 38.08	10.36 -3.15 31.70	23.84 -2.65 5.52	42.74 -3.57 0.00	24.04 -2.55 3.89	14.31 -2.19 10.84	14.62 -1.72 9.75
SELKIRK___I 23801	28.06 0.50 0.00	23.30 0.45 0.00	25.85 0.40 0.00	19.79 0.39 0.00	23.76 0.46 0.00	23.97 0.38 0.00	26.47 0.43 0.03	28.50 0.50 0.00	25.45 0.30 0.00	27.53 0.12 0.00	27.04 -0.03 0.09	25.41 -0.13 2.49	21.73 -0.20 2.26	26.45 -0.23 4.70	27.93 -0.08 4.81	33.89 -0.16 5.91	33.70 0.05 5.17	36.91 0.24 5.75	40.65 0.27 4.84	31.41 0.25 0.85	46.52 0.21 0.00	30.13 0.24 0.60	25.96 0.29 1.67	24.88 0.28 1.49
SELKIRK___II 23799	28.03 0.46 0.00	23.28 0.42 0.00	25.80 0.35 0.00	19.75 0.35 0.00	23.69 0.39 0.00	23.94 0.34 0.00	26.44 0.40 0.03	28.49 0.50 0.00	25.49 0.35 0.00	27.59 0.19 0.00	27.15 0.08 0.09	25.69 0.05 2.39	22.03 0.01 2.18	26.91 0.05 4.52	28.39 0.19 4.63	34.39 0.12 5.70	33.87 0.11 5.05	37.06 0.25 5.62	40.84 0.28 4.66	31.43 0.24 0.82	46.43 0.12 0.00	30.13 0.22 0.57	26.00 0.26 1.61	24.89 0.24 1.43
SENECA OSWGO___HYD 24041	26.51 -1.05 0.00	21.97 -0.89 0.00	24.45 -0.99 0.00	18.65 -0.75 0.00	22.44 -0.86 0.00	22.70 -0.90 0.00	24.54 -1.01 0.52	26.90 -1.10 0.00	24.12 -1.02 0.00	26.21 -1.19 0.00	24.52 -1.18 1.45	-12.23 -1.25 39.01	-12.38 -1.10 35.47	-43.55 -1.37 73.55	-43.94 -1.38 75.39	-54.44 -1.72 92.68	-45.08 -1.65 82.25	-50.98 -1.83 91.58	-32.59 -1.92 75.89	17.44 -1.28 13.28	44.51 -1.80 0.00	19.84 -1.24 9.39	-0.17 -1.14 26.37	1.51 -1.09 23.49
SENECA___115KV_TB3 355854	26.03 -1.53 0.00	21.58 -1.28 0.00	24.18 -1.26 0.00	18.36 -1.05 0.00	22.11 -1.19 0.00	22.32 -1.27 0.00	24.21 -1.63 0.23	26.02 -1.97 0.00	23.33 -1.81 0.00	25.73 -1.68 0.00	25.11 -1.46 0.60	10.62 -1.07 16.35	8.32 -0.87 15.00	-0.64 -0.91 31.10	0.00 -0.94 31.88	-0.30 -1.08 39.18	2.99 -1.06 34.77	2.07 -1.74 38.62	10.46 -2.60 32.16	24.21 -2.20 5.60	43.38 -2.93 0.00	24.42 -2.11 3.95	14.53 -1.78 11.04	14.83 -1.37 9.90
SENECA___ENERGY 23797	26.56 -1.00 0.00	22.04 -0.82 0.00	24.57 -0.87 0.00	18.70 -0.71 0.00	22.51 -0.79 0.00	22.80 -0.79 0.00	24.78 -0.89 0.39	27.01 -0.99 0.00	24.25 -0.90 0.00	26.39 -1.02 0.00	25.10 -0.99 1.08	-1.77 -0.89 28.81	-2.87 -1.17 26.18	-24.07 -1.17 54.28	-24.01 -1.20 55.63	-29.94 -1.51 68.39	-23.39 -1.52 60.69	-26.55 -1.68 67.30	-12.21 -1.79 55.64	20.98 -1.28 9.75	44.56 -1.75 0.00	22.44 -1.15 6.89	6.93 -1.07 19.35	7.88 -0.98 17.23
SHOEMAKER___GT 23640	28.78 1.22 0.00	23.87 1.01 0.00	26.44 0.99 0.00	20.20 0.80 0.00	24.27 0.96 0.00	24.61 1.01 0.00	27.20 1.17 0.05	29.36 1.37 0.00	26.24 1.09 0.00	28.42 1.02 0.00	28.04 1.01 0.13	25.51 1.12 3.64	21.86 0.99 3.32	25.88 1.40 6.89	27.45 1.66 7.05	33.22 1.87 8.61	32.98 1.81 7.64	35.96 2.03 8.50	40.22 2.05 7.04	32.23 1.45 1.23	48.20 1.89 0.00	30.82 1.21 0.87	26.04 1.13 2.45	24.92 1.01 2.18
SHOEMAKR_138KV_BK 111 55601	28.79 1.22 0.00	23.88 1.02 0.00	26.44 1.00 0.00	20.21 0.80 0.00	24.27 0.97 0.00	24.61 1.02 0.00	27.21 1.19 0.05	29.38 1.39 0.00	26.27 1.12 0.00	28.47 1.06 0.00	28.09 1.06 0.14	25.53 1.17 3.66	21.88 1.02 3.34	25.91 1.45 6.92	27.45 1.71 7.08	33.22 1.92 8.66	33.01 1.87 7.68	35.99 2.11 8.55	40.24 2.10 7.08	32.23 1.46 1.24	48.23 1.92 0.00	30.83 1.23 0.87	26.03 1.14 2.46	24.91 1.01 2.19
SHOREHAM_IC_1 23715	30.26 2.70 0.00	25.16 2.30 0.00	27.80 2.35 0.00	21.21 1.81 0.00	25.48 2.18 0.00	25.93 2.34 0.00	28.74 2.71 0.04	30.97 2.98 0.00	27.40 2.25 0.00	29.61 2.21 0.00	29.33 2.30 0.12	27.10 2.44 3.38	23.26 2.29 3.23	27.83 2.83 6.38	29.06 2.79 6.56	35.42 3.40 7.95	35.05 3.28 7.04	38.25 3.66 7.84	42.63 3.90 6.49	33.64 2.77 1.14	50.16 3.85 0.00	32.09 2.41 0.80	27.29 2.20 2.25	26.04 1.96 2.01
SHOREHAM_IC_2 23716	30.26 2.70 0.00	25.15 2.30 0.00	27.80 2.35 0.00	21.21 1.81 0.00	25.48 2.18 0.00	25.93 2.34 0.00	28.74 2.71 0.04	30.97 2.98 0.00	27.40 2.26 0.00	29.61 2.21 0.00	29.33 2.29 0.12	27.08 2.43 3.38	23.25 2.28 3.23	27.82 2.82 6.38	29.05 2.78 6.56	35.40 3.38 7.95	35.05 3.28 7.04	38.25 3.66 7.84	42.63 3.90 6.49	33.64 2.77 1.14	50.16 3.85 0.00	32.09 2.42 0.80	27.28 2.19 2.25	26.03 1.95 2.01
SISSONVILLE___ 23735	26.77 -0.79 0.00	22.25 -0.61 0.00	24.94 -0.51 0.00	19.10 -0.31 0.00	22.92 -0.39 0.00	22.98 -0.62 0.00	25.24 -0.75 0.08	26.91 -1.09 0.00	24.22 -0.92 0.00	26.60 -0.81 0.00	26.32 -0.61 0.23	21.27 -0.63 6.13	18.27 -0.36 5.57	19.22 -0.60 11.56	20.28 -0.70 11.85	24.72 -0.69 14.56	24.82 -1.07 12.92	26.69 -1.34 14.40	32.01 -1.28 11.93	29.05 -0.87 2.09	45.28 -1.03 0.00	28.40 -0.60 1.48	22.69 -0.51 4.15	21.92 -0.48 3.69
SITHE_IND_GS1 24169	26.34 -1.23 0.00	21.84 -1.02 0.00	24.32 -1.13 0.00	18.53 -0.87 0.00	22.29 -1.01 0.00	22.55 -1.05 0.00	24.14 -1.22 0.71	26.62 -1.37 0.00	23.90 -1.25 0.00	26.03 -1.38 0.00	23.83 -1.37 1.96	-26.14 -1.40 52.77	-25.04 -1.20 48.03	-69.74 -1.52 99.59	-70.81 -1.55 102.09	-87.45 -1.92 125.50	-74.39 -1.84 111.37	-83.47 -2.04 123.86	-59.58 -2.21 102.59	12.49 -1.56 17.96	44.08 -2.22 0.00	16.27 -1.51 12.70	-9.67 -1.37 35.65	-6.94 -1.27 31.76
SITHE_IND_GS2 24170	26.34 -1.23 0.00	21.84 -1.02 0.00	24.32 -1.13 0.00	18.53 -0.87 0.00	22.29 -1.01 0.00	22.55 -1.05 0.00	24.14 -1.22 0.71	26.62 -1.37 0.00	23.90 -1.25 0.00	26.03 -1.38 0.00	23.83 -1.37 1.96	-26.14 -1.40 52.77	-25.04 -1.20 48.03	-69.74 -1.52 99.59	-70.81 -1.55 102.09	-87.45 -1.92 125.50	-74.39 -1.84 111.37	-83.47 -2.04 123.86	-59.58 -2.21 102.59	12.49 -1.56 17.96	44.08 -2.22 0.00	16.27 -1.51 12.70	-9.67 -1.37 35.65	-6.94 -1.27 31.76
SITHE_IND_GS3 24171	26.34 -1.23 0.00	21.84 -1.02 0.00	24.32 -1.13 0.00	18.53 -0.87 0.00	22.29 -1.01 0.00	22.55 -1.05 0.00	24.14 -1.22 0.71	26.62 -1.37 0.00	23.90 -1.25 0.00	26.03 -1.38 0.00	23.83 -1.37 1.96	-26.14 -1.40 52.77	-25.04 -1.20 48.03	-69.74 -1.52 99.59	-70.81 -1.55 102.09	-87.45 -1.92 125.50	-74.39 -1.84 111.37	-83.47 -2.04 123.86	-59.58 -2.21 102.59	12.49 -1.56 17.96	44.08 -2.22 0.00	16.27 -1.51 12.70	-9.67 -1.37 35.65	-6.94 -1.27 31.76
SITHE_IND_GS4 24172	26.34 -1.23 0.00	21.84 -1.02 0.00	24.32 -1.13 0.00	18.53 -0.87 0.00	22.29 -1.01 0.00	22.55 -1.05 0.00	24.14 -1.22 0.71	26.62 -1.37 0.00	23.90 -1.25 0.00	26.03 -1.38 0.00	23.83 -1.37 1.96	-26.14 -1.40 52.77	-25.04 -1.20 48.03	-69.74 -1.52 99.59	-70.81 -1.55 102.09	-87.45 -1.92 125.50	-74.39 -1.84 111.37	-83.47 -2.04 123.86	-59.58 -2.21 102.59	12.49 -1.56 17.96	44.08 -2.22 0.00	16.27 -1.51 12.70	-9.67 -1.37 35.65	-6.94 -1.27 31.76



SITHE____BATAVIA 24024	26.34 -1.22 0.00	21.82 -1.04 0.00	24.40 -1.04 0.00	18.53 -0.87 0.00	22.31 -0.99 0.00	22.60 -0.99 0.00	24.58 -1.27 0.22	26.42 -1.57 0.00	23.65 -1.50 0.00	25.95 -1.45 0.00	25.24 -1.34 0.58	10.87 -1.04 16.12	8.45 -0.90 14.84	-0.31 -0.91 30.78	0.25 -1.04 31.54	-0.08 -1.28 38.77	3.35 -1.07 34.40	2.41 -1.82 38.20	11.10 -2.41 31.71	24.60 -1.88 5.53	44.12 -2.19 0.00	24.98 -1.59 3.91	15.02 -1.37 10.96	15.29 -1.01 9.78
SITHE____INDEPEND 23800	26.34 -1.23 0.00	21.84 -1.02 0.00	24.31 -1.14 0.00	18.53 -0.87 0.00	22.29 -1.01 0.00	22.55 -1.05 0.00	24.14 -1.22 0.71	26.62 -1.37 0.00	23.89 -1.25 0.00	26.03 -1.38 0.00	23.83 -1.37 1.96	-26.13 -1.40 52.77	-25.04 -1.20 48.03	-69.73 -1.51 99.59	-70.81 -1.55 102.09	-87.44 -1.91 125.50	-74.40 -1.84 111.37	-83.46 -2.03 123.86	-59.59 -2.21 102.59	12.49 -1.56 17.96	44.08 -2.22 0.00	16.27 -1.51 12.70	-9.66 -1.36 35.65	-6.93 -1.26 31.76
SITHE____MASSENA 23902	27.45 -0.11 0.00	22.76 -0.10 0.00	25.44 -0.01 0.00	19.37 -0.03 0.00	23.22 -0.08 0.00	23.38 -0.21 0.00	25.74 -0.28 0.04	27.51 -0.48 0.00	24.76 -0.39 0.00	27.19 -0.21 0.00	26.98 -0.06 0.12	24.80 -0.08 3.15	21.33 -0.01 2.86	25.31 -0.14 5.93	26.55 -0.20 6.08	32.41 -0.08 7.47	31.89 -0.30 6.63	34.60 -0.44 7.38	38.69 -0.41 6.12	30.62 -0.31 1.07	46.08 -0.23 0.00	29.58 -0.14 0.76	25.03 -0.19 2.13	24.05 -0.15 1.89
SITHE____OGDNSBRG 24021	27.61 0.05 0.00	22.90 0.04 0.00	25.64 0.19 0.00	19.55 0.15 0.00	23.45 0.15 0.00	23.61 0.01 0.00	26.05 0.04 0.07	27.84 -0.15 0.00	25.00 -0.14 0.00	27.37 -0.04 0.00	27.04 0.07 0.18	23.07 0.01 4.97	19.78 0.10 4.52	21.97 -0.03 9.37	23.11 -0.12 9.61	28.26 0.10 11.81	28.14 -0.20 10.48	30.49 -0.27 11.67	35.43 -0.11 9.68	30.28 -0.04 1.69	46.59 0.28 0.00	29.48 0.20 1.20	24.09 0.11 3.36	23.19 0.09 3.00
SITHE____STERLING 23777	27.84 0.27 0.00	23.07 0.21 0.00	25.65 0.21 0.00	19.57 0.17 0.00	23.58 0.28 0.00	23.88 0.29 0.00	26.23 0.40 0.24	28.43 0.44 0.00	25.56 0.41 0.00	27.75 0.34 0.00	26.80 0.30 0.66	10.61 0.27 17.69	8.29 0.18 16.09	-1.69 0.29 33.36	-1.04 0.33 34.19	-1.69 0.38 42.03	1.97 0.45 37.30	1.51 0.66 41.58	11.49 0.74 34.47	26.55 0.58 6.03	47.11 0.80 0.00	26.67 0.46 4.27	15.74 0.37 11.98	15.73 0.31 10.67
SLEIGHT__34_KV_TB1 80719	26.35 -1.21 0.00	21.83 -1.02 0.00	24.35 -1.10 0.00	18.52 -0.88 0.00	22.30 -1.00 0.00	22.60 -0.99 0.00	24.65 -1.14 0.27	26.67 -1.32 0.00	23.91 -1.24 0.00	26.12 -1.28 0.00	25.15 -1.27 0.74	6.69 -1.25 20.09	4.73 -1.10 18.37	-8.08 -1.38 38.08	-7.55 -1.35 39.03	-9.70 -1.69 47.98	-5.44 -1.68 42.57	-6.72 -1.91 47.24	3.97 -2.16 39.09	23.62 -1.55 6.84	44.30 -2.01 0.00	24.20 -1.44 4.84	12.42 -1.34 13.58	12.82 -1.18 12.10
SMITHTWN_69_KV_BK 1 55830	30.06 2.50 0.00	24.99 2.14 0.00	27.62 2.18 0.00	21.07 1.67 0.00	25.31 2.02 0.00	25.75 2.15 0.00	28.52 2.50 0.04	30.74 2.75 0.00	27.23 2.08 0.00	29.50 2.09 0.00	29.30 2.26 0.12	27.03 2.38 3.38	23.17 2.20 3.23	27.81 2.81 6.38	29.09 2.81 6.56	35.41 3.39 7.95	35.00 3.23 7.04	38.19 3.60 7.84	42.51 3.79 6.49	33.54 2.67 1.14	49.98 3.67 0.00	32.00 2.32 0.80	27.23 2.14 2.25	26.01 1.92 2.01
SOUTH CAIRO____GT 23612	28.93 1.37 0.00	24.00 1.14 0.00	26.60 1.15 0.00	20.37 0.97 0.00	24.46 1.17 0.00	24.76 1.16 0.00	27.36 1.32 0.03	29.49 1.50 0.00	26.16 1.02 0.00	28.23 0.82 0.00	27.58 0.52 0.10	25.64 0.30 2.70	21.88 0.14 2.46	26.44 0.17 5.10	28.01 0.41 5.23	33.95 0.38 6.40	33.55 0.28 5.54	36.97 0.72 6.18	41.90 1.93 5.25	32.63 1.54 0.92	48.17 1.87 0.00	31.31 1.48 0.65	26.82 1.29 1.81	25.60 1.13 1.62
SOUTH HAMPTN____IC 23720	30.24 2.67 0.00	25.09 2.24 0.00	27.72 2.27 0.00	21.16 1.76 0.00	25.42 2.12 0.00	25.88 2.29 0.00	28.68 2.66 0.04	30.94 2.94 0.00	27.37 2.23 0.00	29.57 2.17 0.00	29.32 2.28 0.12	27.31 2.66 3.38	23.51 2.54 3.23	27.96 2.96 6.38	29.01 2.74 6.56	35.41 3.40 7.95	35.10 3.33 7.04	38.51 3.92 7.84	42.89 4.17 6.49	33.77 2.90 1.14	50.23 3.92 0.00	32.08 2.40 0.80	27.26 2.16 2.25	25.98 1.90 2.01
SOUTHDOW_115KV_TB1 355954	27.09 -0.48 0.00	22.41 -0.45 0.00	25.14 -0.31 0.00	19.13 -0.28 0.00	23.08 -0.22 0.00	23.38 -0.21 0.00	25.59 -0.25 0.23	27.68 -0.32 0.00	24.79 -0.35 0.00	27.30 -0.11 0.00	26.56 0.01 0.61	11.64 0.33 16.72	9.14 0.28 15.33	0.10 0.52 31.79	0.71 0.47 32.59	0.42 0.51 40.05	3.69 0.41 35.54	2.85 -0.09 39.48	11.68 -0.74 32.79	25.52 -0.77 5.72	45.38 -0.93 0.00	25.66 -0.78 4.04	15.48 -0.57 11.29	15.61 -0.36 10.11
SOUTHOLD_69_KV_BK 2 55809	30.03 2.46 0.00	24.87 2.01 0.00	27.45 2.01 0.00	20.97 1.57 0.00	25.18 1.88 0.00	25.65 2.06 0.00	28.45 2.42 0.04	30.72 2.72 0.00	27.18 2.03 0.00	29.33 1.92 0.00	29.10 2.07 0.12	27.35 2.69 3.38	23.64 2.67 3.23	27.85 2.85 6.38	28.66 2.39 6.56	35.07 3.05 7.95	34.78 3.01 7.04	38.41 3.82 7.84	42.79 4.06 6.49	33.65 2.78 1.14	49.93 3.62 0.00	31.84 2.17 0.80	27.01 1.92 2.25	25.73 1.64 2.01
SOUTHOLD____IC 23719	30.03 2.46 0.00	24.87 2.01 0.00	27.45 2.01 0.00	20.97 1.57 0.00	25.18 1.88 0.00	25.65 2.06 0.00	28.45 2.42 0.04	30.72 2.72 0.00	27.17 2.03 0.00	29.33 1.93 0.00	29.10 2.06 0.12	27.35 2.69 3.38	23.64 2.67 3.23	27.86 2.87 6.38	28.67 2.40 6.56	35.08 3.06 7.95	34.78 3.01 7.04	38.42 3.83 7.84	42.80 4.07 6.49	33.65 2.78 1.14	49.94 3.63 0.00	31.84 2.17 0.80	27.02 1.93 2.25	25.74 1.65 2.01
SOUTH_FORK_WT_PWR 323839	29.66 2.10 0.00	24.53 1.67 0.00	27.07 1.62 0.00	20.68 1.28 0.00	24.83 1.53 0.00	25.30 1.71 0.00	28.06 2.03 0.04	30.30 2.31 0.00	26.82 1.68 0.00	28.94 1.54 0.00	28.73 1.70 0.12	27.23 2.57 3.38	23.61 2.65 3.23	27.60 2.60 6.38	28.18 1.91 6.56	34.50 2.48 7.95	34.24 2.47 7.04	38.00 3.41 7.84	42.33 3.60 6.49	33.28 2.40 1.14	49.30 2.99 0.00	31.39 1.72 0.80	26.61 1.52 2.25	25.34 1.26 2.01
SPIERFLS_115KV_TB 1 80737	28.63 1.06 0.00	23.71 0.85 0.00	26.16 0.72 0.00	20.10 0.69 0.00	24.08 0.78 0.00	24.39 0.80 0.00	27.12 1.08 0.03	29.33 1.34 0.00	26.17 1.02 0.00	28.10 0.69 0.00	27.57 0.50 0.09	26.10 0.38 2.31	22.38 0.29 2.10	27.47 0.46 4.37	29.18 0.83 4.48	35.41 0.96 5.52	34.94 1.03 4.90	38.42 1.44 5.45	42.58 1.88 4.51	32.50 1.28 0.79	48.00 1.69 0.00	31.10 1.16 0.55	26.81 1.00 1.54	25.59 0.87 1.37
ST LAWRENCE____ 23600	27.29 -0.27 0.00	22.62 -0.24 0.00	25.27 -0.18 0.00	19.22 -0.18 0.00	23.04 -0.26 0.00	23.22 -0.37 0.00	25.57 -0.47 0.03	27.34 -0.65 0.00	24.62 -0.53 0.00	27.03 -0.37 0.00	26.84 -0.23 0.09	25.41 -0.27 2.35	21.87 -0.19 2.14	26.59 -0.37 4.42	27.84 -0.45 4.54	34.01 -0.39 5.57	33.36 -0.53 4.93	36.24 -0.70 5.49	39.98 -0.68 4.56	30.69 -0.52 0.81	45.77 -0.54 0.00	29.57 -0.34 0.57	25.37 -0.38 1.60	24.34 -0.34 1.42



STATE_CA_115KV_115_LB 55624	28.04 0.47 0.00	23.30 0.44 0.00	25.78 0.33 0.00	19.76 0.36 0.00	23.69 0.39 0.00	23.93 0.34 0.00	26.45 0.41 0.03	28.54 0.54 0.00	25.53 0.38 0.00	27.59 0.19 0.00	27.12 0.05 0.09	25.68 0.01 2.36	22.01 -0.04 2.15	26.92 0.00 4.46	28.42 0.17 4.57	34.43 0.10 5.63	33.91 0.10 5.01	37.12 0.26 5.57	40.90 0.28 4.60	31.46 0.25 0.81	46.38 0.07 0.00	30.14 0.22 0.56	26.01 0.24 1.58	24.90 0.21 1.41
STATE_ST_34_KV_LOAD 55959	26.97 -0.59 0.00	22.39 -0.47 0.00	24.93 -0.52 0.00	18.94 -0.46 0.00	22.80 -0.50 0.00	23.16 -0.44 0.00	25.16 -0.50 0.41	27.37 -0.62 0.00	24.58 -0.57 0.00	26.65 -0.75 0.00	25.21 -0.80 1.15	-3.55 -0.78 30.80	-4.47 -0.70 27.97	-27.59 -0.98 57.99	-27.54 -0.93 59.44	-34.26 -1.17 73.06	-27.29 -1.27 64.84	-30.65 -1.19 71.89	-15.40 -1.14 59.48	20.76 -0.84 10.41	45.29 -1.02 0.00	22.43 -0.68 7.36	6.05 -0.63 20.67	7.10 -0.58 18.41
STATION_5_MISC_HYD 23604	26.32 -1.25 0.00	21.79 -1.07 0.00	24.33 -1.12 0.00	18.49 -0.91 0.00	22.26 -1.04 0.00	22.53 -1.06 0.00	24.54 -1.31 0.22	26.45 -1.54 0.00	23.71 -1.44 0.00	25.98 -1.43 0.00	25.27 -1.31 0.57	10.92 -1.19 15.92	8.52 -1.00 14.68	-0.19 -1.13 30.44	0.47 -1.15 31.20	0.23 -1.39 38.35	3.49 -1.30 34.03	2.89 -1.76 37.78	11.75 -2.20 31.27	24.85 -1.69 5.47	44.10 -2.21 0.00	24.98 -1.62 3.87	14.97 -1.50 10.87	15.17 -1.25 9.67
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.45 -1.12 0.00	21.92 -0.94 0.00	24.46 -0.99 0.00	18.61 -0.79 0.00	22.41 -0.89 0.00	22.68 -0.91 0.00	24.73 -1.07 0.27	26.77 -1.22 0.00	24.00 -1.15 0.00	26.21 -1.19 0.00	25.29 -1.12 0.75	7.02 -1.07 19.94	5.21 -0.96 18.02	-7.19 -1.20 37.37	-6.71 -1.24 38.30	-8.62 -1.51 47.08	-4.42 -1.46 41.78	-5.65 -1.73 46.35	4.87 -1.99 38.36	23.86 -1.43 6.71	44.40 -1.91 0.00	24.38 -1.35 4.75	12.76 -1.25 13.33	13.13 -1.09 11.87
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.20 -1.36 0.00	21.69 -1.17 0.00	24.22 -1.23 0.00	18.42 -0.99 0.00	22.16 -1.14 0.00	22.44 -1.16 0.00	24.44 -1.40 0.22	26.36 -1.63 0.00	23.62 -1.52 0.00	25.89 -1.51 0.00	25.17 -1.41 0.59	10.48 -1.31 16.25	8.14 -1.10 14.96	-0.95 -1.31 31.02	-0.29 -1.33 31.79	-0.69 -1.58 39.07	2.64 -1.51 34.67	2.03 -1.91 38.49	11.01 -2.35 31.85	24.65 -1.78 5.58	43.94 -2.37 0.00	24.81 -1.73 3.94	14.69 -1.58 11.07	14.89 -1.34 9.86
STA_56___34_KV_BUS2 355983	26.20 -1.36 0.00	21.69 -1.17 0.00	24.22 -1.23 0.00	18.42 -0.99 0.00	22.16 -1.14 0.00	22.44 -1.16 0.00	24.44 -1.40 0.22	26.36 -1.63 0.00	23.62 -1.52 0.00	25.89 -1.51 0.00	25.17 -1.41 0.59	10.48 -1.31 16.25	8.14 -1.10 14.96	-0.95 -1.31 31.02	-0.29 -1.33 31.79	-0.69 -1.58 39.07	2.64 -1.51 34.67	2.03 -1.91 38.49	11.01 -2.35 31.85	24.65 -1.78 5.58	43.94 -2.37 0.00	24.81 -1.73 3.94	14.69 -1.58 11.07	14.89 -1.34 9.86
STA_67___115KV_BK2 355882	26.26 -1.30 0.00	21.75 -1.11 0.00	24.28 -1.17 0.00	18.46 -0.94 0.00	22.22 -1.08 0.00	22.48 -1.11 0.00	24.49 -1.36 0.22	26.40 -1.60 0.00	23.65 -1.50 0.00	25.92 -1.48 0.00	25.22 -1.37 0.57	10.91 -1.24 15.88	8.51 -1.04 14.64	-0.21 -1.22 30.36	0.47 -1.23 31.12	0.26 -1.46 38.25	3.49 -1.38 33.94	2.93 -1.81 37.68	11.73 -2.30 31.18	24.79 -1.76 5.46	44.00 -2.31 0.00	24.92 -1.69 3.86	14.96 -1.55 10.84	15.16 -1.28 9.65
STA_7___115KV_9TRANS 80674	26.45 -1.11 0.00	21.88 -0.98 0.00	24.42 -1.03 0.00	18.56 -0.84 0.00	22.35 -0.95 0.00	22.61 -0.98 0.00	24.65 -1.20 0.22	26.57 -1.42 0.00	23.81 -1.34 0.00	26.11 -1.30 0.00	25.39 -1.20 0.57	11.04 -1.06 15.92	8.62 -0.90 14.68	-0.12 -1.05 30.44	0.56 -1.06 31.20	0.36 -1.25 38.35	3.63 -1.16 34.03	3.10 -1.56 37.78	11.98 -1.97 31.27	25.02 -1.51 5.47	44.33 -1.97 0.00	25.13 -1.47 3.87	15.12 -1.35 10.87	15.30 -1.12 9.68
STA_82___115KV_TB1 80780	26.26 -1.30 0.00	21.75 -1.11 0.00	24.29 -1.16 0.00	18.46 -0.94 0.00	22.22 -1.08 0.00	22.49 -1.10 0.00	24.49 -1.35 0.22	26.40 -1.59 0.00	23.65 -1.50 0.00	25.93 -1.48 0.00	25.21 -1.37 0.58	10.68 -1.24 16.11	8.30 -1.04 14.86	-0.66 -1.23 30.81	0.02 -1.24 31.57	-0.30 -1.47 38.80	2.99 -1.39 34.44	2.39 -1.82 38.23	11.27 -2.31 31.64	24.71 -1.76 5.54	44.00 -2.31 0.00	24.87 -1.69 3.92	14.81 -1.54 11.00	15.02 -1.28 9.79
STEEL___WIND 323596	26.01 -1.55 0.00	21.57 -1.29 0.00	24.17 -1.28 0.00	18.34 -1.06 0.00	22.09 -1.21 0.00	22.30 -1.29 0.00	24.19 -1.65 0.23	25.99 -2.01 0.00	23.33 -1.81 0.00	25.70 -1.70 0.00	25.08 -1.49 0.60	10.56 -1.12 16.35	8.27 -0.92 15.00	-0.64 -0.91 31.10	-0.01 -0.96 31.88	-0.38 -1.17 39.18	2.94 -1.11 34.77	1.96 -1.84 38.62	10.39 -2.67 32.16	24.17 -2.24 5.60	43.33 -2.98 0.00	24.39 -2.14 3.95	14.47 -1.85 11.04	14.78 -1.42 9.90
STEPHTWN_115KV_BK_2 55603	28.30 0.73 0.00	23.50 0.64 0.00	25.99 0.54 0.00	19.91 0.51 0.00	23.87 0.57 0.00	24.15 0.56 0.00	26.77 0.73 0.03	28.86 0.87 0.00	25.79 0.64 0.00	27.87 0.47 0.00	27.40 0.33 0.09	25.98 0.32 2.37	22.25 0.21 2.16	27.26 0.37 4.48	28.79 0.56 4.59	34.91 0.60 5.66	34.40 0.61 5.03	37.69 0.87 5.60	41.56 0.97 4.62	31.92 0.72 0.81	47.05 0.75 0.00	30.49 0.58 0.57	26.31 0.56 1.59	25.17 0.49 1.42
STEUBEN_REC_LFGE 323667	26.05 -1.51 0.00	21.87 -0.99 0.00	24.60 -0.85 0.00	18.76 -0.64 0.00	22.60 -0.70 0.00	22.72 -0.88 0.00	24.80 -1.00 0.27	26.84 -1.16 0.00	24.17 -0.97 0.00	26.31 -1.09 0.00	25.43 -1.02 0.71	7.71 -1.01 19.32	5.61 -0.95 17.64	-6.60 -1.40 36.58	-6.35 -1.68 37.50	-8.43 -2.30 46.09	-4.49 -2.40 40.90	-5.94 -2.93 45.44	4.89 -3.10 37.22	23.55 -1.87 6.58	44.17 -2.14 0.00	24.54 -1.28 4.66	13.19 -1.10 13.05	13.47 -0.98 11.64
STILLWATER___SOLAR 323814	28.62 1.05 0.00	23.71 0.85 0.00	26.22 0.77 0.00	20.10 0.70 0.00	24.10 0.80 0.00	24.39 0.79 0.00	27.04 0.99 0.03	29.21 1.21 0.00	26.06 0.91 0.00	28.07 0.67 0.00	27.54 0.46 0.09	26.10 0.36 2.30	22.38 0.28 2.10	27.47 0.44 4.34	29.09 0.72 4.46	35.29 0.82 5.49	34.77 0.84 4.88	38.21 1.20 5.43	42.20 1.48 4.49	32.25 1.02 0.79	47.64 1.33 0.00	30.88 0.95 0.55	26.66 0.85 1.54	25.48 0.76 1.37
STONY___BROOK 24151	30.11 2.54 0.00	25.03 2.17 0.00	27.66 2.21 0.00	21.10 1.70 0.00	25.35 2.05 0.00	25.78 2.19 0.00	28.57 2.54 0.04	30.79 2.80 0.00	27.27 2.12 0.00	29.53 2.13 0.00	29.32 2.28 0.12	27.06 2.40 3.38	23.20 2.23 3.23	27.83 2.84 6.38	29.12 2.85 6.56	35.44 3.42 7.95	35.04 3.26 7.04	38.22 3.63 7.84	42.54 3.82 6.49	33.55 2.68 1.14	50.02 3.71 0.00	32.02 2.34 0.80	27.25 2.16 2.25	26.03 1.94 2.01
STURGEON_POOL_HYD 23609	29.34 1.77 0.00	24.32 1.46 0.00	26.90 1.45 0.00	20.55 1.15 0.00	24.67 1.37 0.00	25.07 1.47 0.00	27.77 1.74 0.04	30.02 2.02 0.00	26.84 1.69 0.00	29.06 1.66 0.00	28.71 1.68 0.12	26.56 1.84 3.31	22.80 1.62 3.02	27.38 2.27 6.26	28.95 2.53 6.41	35.05 2.93 7.85	34.82 2.93 6.93	38.00 3.29 7.71	42.04 3.24 6.42	33.14 2.25 1.12	49.32 3.01 0.00	31.58 1.90 0.79	26.84 1.72 2.23	25.64 1.53 1.99



ST_LAW_115_BK7_LBMP 345037	27.28 -0.29 0.00	22.60 -0.26 0.00	25.26 -0.19 0.00	19.21 -0.19 0.00	23.03 -0.27 0.00	23.21 -0.39 0.00	25.54 -0.49 0.03	27.30 -0.69 0.00	24.59 -0.55 0.00	27.01 -0.40 0.00	26.81 -0.26 0.09	25.22 -0.28 2.53	21.70 -0.20 2.30	26.23 -0.39 4.76	27.48 -0.47 4.88	33.55 -0.41 6.00	32.92 -0.57 5.33	35.75 -0.74 5.93	39.57 -0.73 4.92	30.60 -0.55 0.86	45.74 -0.57 0.00	29.50 -0.37 0.61	25.23 -0.40 1.71	24.22 -0.35 1.52
ST_LAW_115_BK8_LBMP 345038	27.28 -0.29 0.00	22.60 -0.26 0.00	25.26 -0.19 0.00	19.21 -0.19 0.00	23.03 -0.27 0.00	23.21 -0.39 0.00	25.54 -0.49 0.03	27.30 -0.69 0.00	24.59 -0.55 0.00	27.01 -0.40 0.00	26.81 -0.26 0.09	25.22 -0.28 2.53	21.70 -0.20 2.30	26.23 -0.39 4.76	27.48 -0.47 4.88	33.55 -0.41 6.00	32.92 -0.57 5.33	35.75 -0.74 5.93	39.57 -0.73 4.92	30.60 -0.55 0.86	45.74 -0.57 0.00	29.50 -0.37 0.61	25.23 -0.40 1.71	24.22 -0.35 1.52
ST_LAW_230_BK5_LBMP 345035	27.29 -0.27 0.00	22.62 -0.24 0.00	25.27 -0.18 0.00	19.22 -0.18 0.00	23.04 -0.26 0.00	23.22 -0.37 0.00	25.57 -0.47 0.03	27.34 -0.65 0.00	24.62 -0.53 0.00	27.03 -0.37 0.00	26.85 -0.23 0.08	25.61 -0.27 2.16	22.04 -0.19 1.96	26.94 -0.37 4.07	28.21 -0.45 4.17	34.45 -0.39 5.12	33.74 -0.53 4.55	36.67 -0.70 5.06	40.34 -0.68 4.20	30.76 -0.52 0.73	45.77 -0.54 0.00	29.62 -0.34 0.52	25.51 -0.38 1.46	24.45 -0.34 1.30
ST_LAW_230_BK6_LBMP 345036	27.29 -0.27 0.00	22.62 -0.24 0.00	25.27 -0.18 0.00	19.22 -0.18 0.00	23.04 -0.26 0.00	23.22 -0.37 0.00	25.57 -0.47 0.03	27.34 -0.65 0.00	24.62 -0.53 0.00	27.03 -0.37 0.00	26.85 -0.23 0.08	25.61 -0.27 2.16	22.04 -0.19 1.96	26.94 -0.37 4.07	28.21 -0.45 4.17	34.45 -0.39 5.12	33.74 -0.53 4.55	36.67 -0.70 5.06	40.34 -0.68 4.20	30.76 -0.52 0.73	45.77 -0.54 0.00	29.62 -0.34 0.52	25.51 -0.38 1.46	24.45 -0.34 1.30
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.97 1.41 0.00	24.04 1.18 0.00	26.59 1.15 0.00	20.32 0.92 0.00	24.41 1.11 0.00	24.78 1.18 0.00	27.41 1.39 0.05	29.62 1.63 0.00	26.49 1.34 0.00	28.71 1.31 0.00	28.36 1.33 0.13	25.91 1.46 3.58	22.22 1.28 3.26	26.42 1.81 6.77	27.97 2.06 6.93	33.88 2.38 8.46	33.65 2.34 7.51	36.67 2.59 8.35	40.86 2.56 6.92	32.53 1.74 1.21	48.57 2.26 0.00	31.07 1.44 0.86	26.27 1.33 2.40	25.13 1.18 2.14
SWANROAD_115KV_TB1 355699	25.19 -2.38 0.00	20.87 -1.98 0.00	23.39 -2.06 0.00	17.74 -1.66 0.00	21.34 -1.96 0.00	21.53 -2.06 0.00	23.27 -2.58 0.22	24.89 -3.10 0.00	22.26 -2.89 0.00	24.61 -2.80 0.00	24.15 -2.43 0.58	10.11 -1.87 16.06	7.92 -1.53 14.75	-0.88 -1.67 30.59	-0.22 -1.70 31.35	-0.50 -1.93 38.53	2.80 -1.83 34.19	1.76 -2.70 37.97	9.87 -3.77 31.57	23.12 -3.38 5.50	41.62 -4.69 0.00	23.38 -3.21 3.89	13.87 -2.61 10.86	14.30 -2.07 9.73
SYNERGY___BIOGAS 323694	26.34 -1.22 0.00	21.82 -1.04 0.00	24.40 -1.04 0.00	18.53 -0.87 0.00	22.31 -0.99 0.00	22.60 -0.99 0.00	24.58 -1.27 0.22	26.43 -1.56 0.00	23.63 -1.51 0.00	25.95 -1.45 0.00	25.24 -1.34 0.58	10.88 -1.02 16.12	8.46 -0.90 14.84	-0.36 -0.96 30.78	0.22 -1.07 31.54	-0.07 -1.26 38.77	3.32 -1.09 34.40	2.45 -1.78 38.20	11.10 -2.41 31.71	24.60 -1.87 5.53	44.12 -2.19 0.00	24.98 -1.59 3.91	15.05 -1.34 10.96	15.31 -0.99 9.78
SYRACUSE___ENERGY_ST1 323597	26.88 -0.68 0.00	22.28 -0.58 0.00	24.80 -0.64 0.00	18.90 -0.50 0.00	22.75 -0.55 0.00	23.04 -0.56 0.00	24.97 -0.63 0.47	27.29 -0.70 0.00	24.49 -0.65 0.00	26.63 -0.77 0.00	25.05 -0.80 1.31	-7.67 -0.83 34.87	-8.19 -0.74 31.65	-35.18 -0.94 65.62	-35.35 -0.92 67.26	-43.87 -1.15 82.68	-35.67 -1.11 73.37	-40.21 -1.15 81.49	-23.44 -1.20 67.46	19.37 -0.83 11.81	45.16 -1.15 0.00	21.32 -0.81 8.35	3.16 -0.74 23.44	4.50 -0.71 20.88
SYRACUSE___ENERGY_ST2 323598	26.88 -0.68 0.00	22.28 -0.58 0.00	24.80 -0.64 0.00	18.90 -0.50 0.00	22.75 -0.55 0.00	23.04 -0.56 0.00	24.97 -0.63 0.47	27.29 -0.70 0.00	24.49 -0.65 0.00	26.63 -0.77 0.00	25.05 -0.80 1.31	-7.67 -0.83 34.87	-8.19 -0.74 31.65	-35.18 -0.94 65.62	-35.35 -0.92 67.26	-43.87 -1.15 82.68	-35.67 -1.11 73.37	-40.21 -1.15 81.49	-23.44 -1.20 67.46	19.37 -0.83 11.81	45.16 -1.15 0.00	21.32 -0.81 8.35	3.16 -0.74 23.44	4.50 -0.71 20.88
SYRACUSE___POWER 24017	27.03 -0.54 0.00	22.40 -0.47 0.00	24.93 -0.52 0.00	19.01 -0.39 0.00	22.88 -0.42 0.00	23.17 -0.43 0.00	25.14 -0.48 0.44	27.48 -0.51 0.00	24.67 -0.48 0.00	26.84 -0.57 0.00	25.34 -0.60 1.22	-5.41 -0.62 32.82	-6.20 -0.57 29.83	-31.18 -0.71 61.85	-31.28 -0.71 63.40	-38.88 -0.91 77.93	-31.19 -0.85 69.16	-35.48 -0.91 77.00	-19.55 -0.97 63.80	20.19 -0.65 11.17	45.38 -0.93 0.00	21.94 -0.64 7.90	4.58 -0.60 22.17	5.76 -0.58 19.75
TALLMAN_138KV_BK151 55660	29.26 1.70 0.00	24.28 1.42 0.00	26.83 1.38 0.00	20.48 1.08 0.00	24.59 1.29 0.00	24.99 1.40 0.00	27.67 1.64 0.04	29.91 1.92 0.00	26.75 1.60 0.00	29.01 1.60 0.00	28.67 1.64 0.13	26.34 1.81 3.50	22.66 1.60 3.13	27.01 2.24 6.61	28.58 2.50 6.75	34.60 2.88 8.25	34.35 2.85 7.32	37.41 3.13 8.14	41.55 3.08 6.74	32.90 2.08 1.18	49.02 2.71 0.00	31.37 1.73 0.84	26.57 1.57 2.34	25.40 1.40 2.09
TEALLAVE_115KV_TB7 355573	26.92 -0.65 0.00	22.31 -0.55 0.00	24.83 -0.62 0.00	18.93 -0.47 0.00	22.79 -0.51 0.00	23.06 -0.53 0.00	25.03 -0.60 0.44	27.36 -0.63 0.00	24.55 -0.59 0.00	26.73 -0.68 0.00	25.25 -0.69 1.21	-5.22 -0.73 32.52	-6.02 -0.65 29.57	-30.71 -0.79 61.30	-30.80 -0.79 62.83	-38.29 -1.01 77.24	-30.67 -0.94 68.55	-35.08 -1.06 76.45	-19.34 -1.17 63.39	20.13 -0.78 11.10	45.18 -1.13 0.00	21.84 -0.79 7.85	4.59 -0.73 22.03	5.77 -0.70 19.62
TELGRAPH_34_KV_EAST 80808	25.80 -1.77 0.00	21.38 -1.48 0.00	23.93 -1.52 0.00	18.16 -1.24 0.00	21.86 -1.44 0.00	22.09 -1.50 0.00	23.95 -1.90 0.22	25.70 -2.30 0.00	22.99 -2.16 0.00	25.33 -2.08 0.00	24.75 -1.82 0.58	10.53 -1.40 16.10	8.22 -1.17 14.81	-0.58 -1.25 30.70	0.05 -1.31 31.47	-0.21 -1.50 38.67	3.15 -1.35 34.32	2.17 -2.15 38.11	10.53 -3.02 31.66	23.91 -2.58 5.52	42.94 -3.37 0.00	24.21 -2.36 3.90	14.45 -1.97 10.92	14.81 -1.52 9.76
TEMPLE___115KV_TB 2 55572	26.93 -0.64 0.00	22.31 -0.55 0.00	24.84 -0.61 0.00	18.94 -0.46 0.00	22.80 -0.50 0.00	23.08 -0.52 0.00	25.04 -0.59 0.44	27.37 -0.62 0.00	24.56 -0.58 0.00	26.73 -0.68 0.00	25.26 -0.68 1.22	-5.43 -0.71 32.76	-6.22 -0.63 29.78	-31.16 -0.78 61.75	-31.25 -0.79 63.29	-38.84 -1.00 77.81	-31.16 -0.93 69.04	-35.60 -1.04 76.99	-19.76 -1.14 63.84	20.05 -0.78 11.18	45.19 -1.11 0.00	21.79 -0.78 7.90	4.45 -0.71 22.18	5.65 -0.68 19.76
TIANA___69_KV_BK 1 55817	30.29 2.73 0.00	25.15 2.29 0.00	27.79 2.34 0.00	21.20 1.80 0.00	25.48 2.18 0.00	25.94 2.34 0.00	28.75 2.72 0.04	31.00 3.00 0.00	27.42 2.28 0.00	29.63 2.23 0.00	29.37 2.33 0.12	27.27 2.62 3.38	23.45 2.48 3.23	27.95 2.96 6.38	29.07 3.47 6.56	35.49 3.47 7.95	35.16 3.39 7.04	38.51 3.92 7.84	42.90 4.18 6.49	33.79 2.92 1.14	50.31 4.00 0.00	32.15 2.47 0.80	27.32 2.23 2.25	26.05 1.96 2.01



TILDEN___115KV_TB1 80814	27.03 -0.54 0.00	22.40 -0.47 0.00	24.93 -0.52 0.00	19.01 -0.39 0.00	22.88 -0.42 0.00	23.17 -0.43 0.00	25.14 -0.48 0.44	27.48 -0.51 0.00	24.67 -0.48 0.00	26.84 -0.57 0.00	25.34 -0.60 1.22	-5.41 -0.62 32.82	-6.20 -0.57 29.83	-31.18 -0.71 61.85	-31.28 -0.71 63.40	-38.88 -0.91 77.93	-31.19 -0.85 69.16	-35.48 -0.91 77.00	-19.55 -0.97 63.80	20.19 -0.65 11.17	45.38 -0.93 0.00	21.94 -0.64 7.90	4.58 -0.60 22.17	5.76 -0.58 19.75
TRIGEN___CC 323695	29.57 2.00 0.00	24.57 1.72 0.00	27.17 1.72 0.00	20.73 1.33 0.00	24.90 1.60 0.00	25.31 1.72 0.00	28.02 1.99 0.04	30.25 2.25 0.00	26.92 1.77 0.00	29.20 1.80 0.00	28.97 1.93 0.12	26.75 2.09 3.38	22.90 1.93 3.23	27.49 2.49 6.38	28.90 2.63 6.56	35.08 3.06 7.95	34.67 2.90 7.04	37.83 3.23 7.84	41.96 3.24 6.49	33.11 2.24 1.14	49.31 3.00 0.00	31.61 1.94 0.80	26.91 1.82 2.25	25.71 1.62 2.01
TRINITY___115KV__4 BK 55933	27.95 0.39 0.00	23.23 0.37 0.00	25.70 0.25 0.00	19.71 0.31 0.00	23.61 0.31 0.00	23.85 0.25 0.00	26.35 0.31 0.03	28.43 0.44 0.00	25.43 0.29 0.00	27.48 0.08 0.00	27.01 -0.06 0.09	25.56 -0.10 2.37	21.91 -0.14 2.16	26.78 -0.13 4.47	28.26 0.01 4.59	34.22 -0.10 5.65	33.68 -0.11 5.02	36.88 0.04 5.58	40.65 0.05 4.62	31.29 0.09 0.81	46.17 -0.13 0.00	30.01 0.09 0.57	25.89 0.13 1.59	24.79 0.12 1.42
UNION___PROCESSING_DRP 323587	26.27 -1.30 0.00	21.75 -1.11 0.00	24.29 -1.16 0.00	18.46 -0.94 0.00	22.22 -1.08 0.00	22.49 -1.10 0.00	24.50 -1.35 0.22	26.41 -1.59 0.00	23.65 -1.49 0.00	25.93 -1.47 0.00	25.21 -1.37 0.58	10.60 -1.24 16.19	8.22 -1.04 14.94	-0.81 -1.22 30.97	-0.15 -1.24 31.74	-0.51 -1.46 39.01	2.80 -1.39 34.62	2.18 -1.82 38.43	11.12 -2.30 31.80	24.69 -1.75 5.57	44.01 -2.30 0.00	24.86 -1.68 3.94	14.76 -1.53 11.05	14.97 -1.27 9.84
UPPER HUDSON___HYD 24058	28.63 1.06 0.00	23.71 0.85 0.00	26.17 0.72 0.00	20.10 0.69 0.00	24.08 0.78 0.00	24.39 0.80 0.00	27.12 1.08 0.03	29.34 1.34 0.00	26.17 1.02 0.00	28.10 0.69 0.00	27.57 0.50 0.09	26.11 0.39 2.31	22.39 0.30 2.10	27.48 0.46 4.37	29.18 0.83 4.48	35.41 0.96 5.52	34.95 1.03 4.90	38.42 1.45 5.45	42.58 1.87 4.51	32.50 1.28 0.79	48.00 1.69 0.00	31.09 1.16 0.55	26.81 1.00 1.54	25.59 0.87 1.37
UPPER RAQUET___HYD 24056	26.77 -0.79 0.00	22.25 -0.61 0.00	24.94 -0.51 0.00	19.10 -0.31 0.00	22.91 -0.39 0.00	22.98 -0.62 0.00	25.24 -0.75 0.08	26.91 -1.09 0.00	24.22 -0.92 0.00	26.60 -0.81 0.00	26.32 -0.61 0.23	21.27 -0.63 6.13	18.26 -0.36 5.57	19.21 -0.70 11.56	20.28 -0.68 11.85	24.72 -1.07 14.56	24.82 -1.07 12.92	26.70 -1.33 14.40	32.00 -1.28 11.93	29.05 -0.87 2.09	45.28 -1.03 0.00	28.40 -0.60 1.48	22.69 -0.51 4.15	21.91 -0.48 3.69
VALLEY44_115KV_TB2 355964	26.89 -0.68 0.00	22.28 -0.58 0.00	24.94 -0.50 0.00	18.97 -0.43 0.00	22.90 -0.41 0.00	23.13 -0.47 0.00	25.24 -0.59 0.23	27.31 -0.68 0.00	24.45 -0.70 0.00	26.82 -0.59 0.00	26.05 -0.49 0.62	11.06 -0.12 16.85	8.57 -0.18 15.44	-0.76 -0.11 32.02	-0.08 -0.09 32.82	-0.59 -0.21 40.34	2.70 -0.31 35.80	1.85 -0.81 39.77	10.72 -1.49 33.01	24.90 -1.34 5.76	44.49 -1.81 0.00	25.13 -1.28 4.07	15.10 -0.86 11.39	15.36 -0.54 10.19
VALLEY___115KV_TB 1-4 80826	27.41 -0.16 0.00	22.78 -0.07 0.00	25.24 -0.21 0.00	19.29 -0.12 0.00	23.13 -0.17 0.00	23.41 -0.19 0.00	25.93 -0.09 0.04	28.01 0.02 0.00	25.04 -0.11 0.00	26.97 -0.44 0.00	26.31 -0.72 0.12	23.95 -0.82 3.27	20.47 -0.76 2.97	24.30 -0.91 6.16	25.71 -0.80 6.31	31.26 -0.95 7.76	31.19 -0.74 6.89	34.26 -0.50 7.67	38.54 -0.31 6.36	30.78 -0.11 1.11	46.08 -0.23 0.00	29.57 -0.12 0.79	25.11 -0.02 2.21	24.10 -0.03 1.97
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.40 0.84 0.00	23.56 0.70 0.00	26.23 0.78 0.00	20.02 0.62 0.00	24.11 0.81 0.00	24.32 0.72 0.00	26.74 0.95 0.28	29.35 1.36 0.00	26.10 0.96 0.00	28.38 0.97 0.00	27.72 0.94 0.39	18.61 0.98 10.40	15.58 0.86 9.48	12.89 1.18 19.66	13.91 1.23 20.15	16.66 1.46 24.76	18.28 1.44 21.97	19.50 1.51 24.44	26.54 1.56 20.24	29.58 1.11 3.54	47.87 1.56 0.00	28.96 0.99 2.51	21.23 0.91 7.02	20.67 0.84 6.26
VISCHER___FERRY HYD 24020	28.32 0.75 0.00	23.49 0.63 0.00	25.96 0.51 0.00	19.92 0.52 0.00	23.85 0.55 0.00	24.10 0.50 0.00	26.68 0.63 0.03	28.82 0.82 0.00	25.73 0.58 0.00	27.77 0.36 0.00	27.22 0.15 0.08	25.78 0.04 2.29	22.10 -0.02 2.08	27.10 0.04 4.32	28.64 0.25 4.44	34.70 0.21 5.47	34.15 0.19 4.86	37.47 0.44 5.40	41.35 0.60 4.47	31.64 0.41 0.78	46.80 0.49 0.00	30.39 0.46 0.55	26.26 0.45 1.54	25.10 0.39 1.37
V_A_10_SYNC_DSASP 323832	25.73 -1.83 0.00	21.32 -1.54 0.00	23.85 -1.59 0.00	18.11 -1.29 0.00	21.79 -1.51 0.00	22.02 -1.57 0.00	23.89 -1.97 0.21	25.66 -2.33 0.00	22.98 -2.16 0.00	25.28 -2.12 0.00	24.72 -1.88 0.56	11.09 -1.63 15.32	8.77 -1.35 14.08	0.72 -1.47 29.19	1.41 -1.50 29.92	1.41 -1.78 36.77	4.52 -1.66 32.63	3.76 -2.43 36.24	11.90 -3.23 30.09	24.15 -2.61 5.25	42.78 -3.53 0.00	24.23 -2.53 3.72	14.65 -2.25 10.45	15.01 -1.80 9.28
V_CMM_10_SYNC_DSASP 323787	27.41 -0.15 0.00	22.72 -0.14 0.00	25.38 -0.07 0.00	19.31 -0.09 0.00	23.15 -0.15 0.00	23.33 -0.27 0.00	25.68 -0.36 0.03	27.45 -0.55 0.00	24.71 -0.43 0.00	27.14 -0.26 0.00	26.95 -0.12 0.09	25.37 -0.14 2.53	21.83 -0.07 2.30	26.39 -0.22 4.76	27.65 -0.30 4.88	33.76 -0.20 6.00	33.13 -0.37 5.33	35.96 -0.53 5.93	39.79 -0.50 4.92	30.75 -0.39 0.86	45.95 -0.36 0.00	29.64 -0.23 0.61	25.36 -0.27 1.71	24.33 -0.24 1.52
V_CMP_10_SYNC_DSASP 323788	27.31 -0.25 0.00	22.54 -0.32 0.00	25.13 -0.32 0.00	19.25 -0.15 0.00	23.01 -0.29 0.00	23.23 -0.36 0.00	25.63 -0.40 0.03	27.27 -0.72 0.00	24.55 -0.59 0.00	26.94 -0.47 0.00	26.87 -0.20 0.09	25.32 -0.24 2.47	21.76 -0.19 2.25	26.35 -0.37 4.66	27.72 -0.33 4.77	33.73 -0.36 5.87	33.23 -0.38 5.21	36.22 -0.40 5.80	40.37 -0.04 4.81	31.02 -0.15 0.84	46.31 0.00 0.00	30.01 0.13 0.60	25.73 0.05 1.67	24.66 0.06 1.49
V_D_10_SYNC_DSASP 323841	27.45 -0.11 0.00	22.76 -0.10 0.00	25.45 0.00 0.00	19.37 -0.03 0.00	23.22 -0.08 0.00	23.38 -0.21 0.00	25.74 -0.28 0.04	27.51 -0.48 0.00	24.76 -0.39 0.00	27.19 -0.21 0.00	26.99 -0.06 0.12	24.85 -0.08 3.10	21.38 0.00 2.82	25.40 -0.14 5.84	26.64 -0.20 5.99	32.52 -0.08 7.37	31.99 -0.29 6.54	34.70 -0.44 7.28	38.77 -0.41 6.03	30.64 -0.31 1.06	46.08 -0.23 0.00	29.60 -0.13 0.75	25.07 -0.18 2.10	24.07 -0.15 1.87
V_E_10_SYNC_DSASP 323830	27.51 -0.06 0.00	22.95 0.10 0.00	25.66 0.21 0.00	19.50 0.10 0.00	23.51 0.21 0.00	23.83 0.24 0.00	26.27 0.50 0.30	28.99 1.00 0.00	25.94 0.80 0.00	28.08 0.67 0.00	26.73 0.27 0.70	9.17 -0.02 18.85	7.09 0.05 17.16	-4.42 -0.21 35.59	-3.69 -0.04 36.48	-4.93 -0.06 44.84	-0.92 0.05 39.79	-1.77 0.04 44.24	9.63 1.01 36.60	26.61 1.02 6.41	48.09 1.78 0.00	27.04 1.09 4.53	15.59 0.96 12.72	15.53 0.77 11.34



V_F_30_NSYNC___DSASP 323816	28.65 1.09 0.00	23.73 0.88 0.00	26.26 0.81 0.00	20.13 0.73 0.00	24.14 0.84 0.00	24.42 0.83 0.00	27.08 1.04 0.03	29.24 1.24 0.00	26.10 0.96 0.00	28.13 0.73 0.00	27.60 0.53 0.09	26.17 0.45 2.30	22.44 0.34 2.10	27.54 0.51 4.35	29.14 0.78 4.47	35.39 0.92 5.51	34.87 0.94 4.89	38.29 1.30 5.44	42.29 1.57 4.50	32.31 1.09 0.79	47.73 1.42 0.00	30.93 1.00 0.55	26.71 0.90 1.54	25.52 0.80 1.37
V_F_30_SYNC_DSASP 323786	28.03 0.47 0.00	23.30 0.44 0.00	25.78 0.33 0.00	19.76 0.36 0.00	23.69 0.39 0.00	23.93 0.34 0.00	26.45 0.41 0.03	28.54 0.54 0.00	25.53 0.38 0.00	27.59 0.18 0.00	27.11 0.04 0.09	25.68 0.01 2.36	22.01 -0.04 2.15	26.92 0.00 4.46	28.42 0.16 4.57	34.43 0.10 5.63	33.90 0.09 5.01	37.12 0.26 5.57	40.89 0.28 4.60	31.45 0.25 0.81	46.38 0.07 0.00	30.13 0.22 0.56	26.01 0.24 1.58	24.89 0.21 1.41
V_XM_10_SYNC_DSASP 323789	27.31 -0.25 0.00	22.54 -0.32 0.00	25.13 -0.32 0.00	19.25 -0.15 0.00	23.01 -0.29 0.00	23.23 -0.36 0.00	25.63 -0.40 0.03	27.27 -0.72 0.00	24.55 -0.59 0.00	26.94 -0.47 0.00	26.87 -0.20 0.09	25.32 -0.24 2.47	21.76 -0.19 2.25	26.35 -0.37 4.66	27.72 -0.33 4.77	33.73 -0.36 5.87	33.23 -0.38 5.21	36.22 -0.40 5.80	40.37 -0.04 4.81	31.02 -0.15 0.84	46.31 0.00 0.00	30.01 0.13 0.60	25.73 0.05 1.67	24.66 0.06 1.49
W.BABYLN_69_KV_BK1 56697	30.11 2.54 0.00	25.02 2.16 0.00	27.65 2.20 0.00	21.08 1.68 0.00	25.34 2.04 0.00	25.77 2.18 0.00	28.55 2.53 0.04	30.79 2.80 0.00	27.31 2.16 0.00	29.57 2.17 0.00	29.36 2.33 0.12	27.10 2.45 3.38	23.22 2.25 3.23	27.90 2.90 6.38	29.24 2.97 6.56	35.59 3.57 7.95	35.15 3.38 7.04	38.40 3.81 7.84	42.73 4.00 6.49	33.69 2.82 1.14	50.19 3.89 0.00	32.17 2.49 0.80	27.38 2.29 2.25	26.14 2.06 2.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.43 1.86 0.00	24.34 1.48 0.00	26.90 1.45 0.00	20.54 1.14 0.00	24.66 1.36 0.00	25.06 1.47 0.00	27.75 1.72 0.04	30.00 2.01 0.00	26.83 1.68 0.00	29.09 1.69 0.00	28.76 1.72 0.13	26.45 1.89 3.48	22.76 1.67 3.11	27.14 2.34 6.57	28.73 2.60 6.70	34.78 3.00 8.19	34.51 2.96 7.27	37.60 3.25 8.08	41.74 3.22 6.69	33.02 2.19 1.17	49.17 2.86 0.00	31.47 1.82 0.83	26.68 1.66 2.33	25.50 1.47 2.07
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.39 1.83 0.00	24.43 1.57 0.00	26.99 1.54 0.00	20.64 1.24 0.00	24.77 1.47 0.00	25.19 1.59 0.00	27.91 1.88 0.04	30.18 2.19 0.00	27.01 1.87 0.00	29.29 1.89 0.00	28.97 1.94 0.12	26.79 2.13 3.38	24.68 1.87 1.39	27.55 2.55 6.38	29.54 2.81 6.09	35.32 3.24 7.89	34.94 3.16 7.04	38.05 3.45 7.83	42.10 3.38 6.49	33.16 2.29 1.14	49.27 2.96 0.00	31.55 1.88 0.80	26.82 1.73 2.26	25.62 1.54 2.01
W50THST__13_KV_LOAD 356117	29.47 1.91 0.00	24.49 1.63 0.00	27.07 1.62 0.00	20.72 1.31 0.00	24.86 1.56 0.00	25.29 1.70 0.00	28.04 2.01 0.04	30.33 2.34 0.00	27.17 2.02 0.00	29.47 2.07 0.00	29.15 2.11 0.12	26.96 2.31 3.38	24.82 2.01 1.39	27.73 2.73 6.38	29.74 3.01 6.09	35.57 3.49 7.89	35.17 3.39 7.04	38.29 3.69 7.83	42.33 3.61 6.49	33.30 2.43 1.14	49.44 3.13 0.00	31.65 1.97 0.80	26.92 1.83 2.26	25.72 1.63 2.01
WADING RIVER_IC_1 23522	30.26 2.70 0.00	25.16 2.30 0.00	27.80 2.35 0.00	21.21 1.81 0.00	25.48 2.18 0.00	25.94 2.34 0.00	28.74 2.72 0.04	30.98 2.98 0.00	27.40 2.26 0.00	29.62 2.21 0.00	29.34 2.30 0.12	27.11 2.46 3.38	23.28 2.31 3.23	27.85 2.85 6.38	29.07 2.80 6.56	35.44 3.42 7.95	35.08 3.31 7.04	38.29 3.69 7.84	42.66 3.94 6.49	33.65 2.78 1.14	50.17 3.87 0.00	32.09 2.42 0.80	27.29 2.20 2.25	26.04 1.95 2.01
WADING RIVER_IC_2 23547	30.26 2.70 0.00	25.16 2.30 0.00	27.80 2.35 0.00	21.21 1.81 0.00	25.48 2.18 0.00	25.94 2.34 0.00	28.74 2.72 0.04	30.98 2.98 0.00	27.40 2.26 0.00	29.62 2.21 0.00	29.34 2.30 0.12	27.11 2.46 3.38	23.28 2.31 3.23	27.85 2.85 6.38	29.07 2.80 6.56	35.44 3.42 7.95	35.08 3.31 7.04	38.29 3.69 7.84	42.66 3.94 6.49	33.65 2.78 1.14	50.17 3.87 0.00	32.09 2.42 0.80	27.29 2.20 2.25	26.04 1.95 2.01
WADING RIVER_IC_3 23601	30.26 2.70 0.00	25.16 2.30 0.00	27.80 2.35 0.00	21.21 1.81 0.00	25.48 2.18 0.00	25.94 2.34 0.00	28.74 2.72 0.04	30.98 2.98 0.00	27.40 2.26 0.00	29.62 2.21 0.00	29.34 2.30 0.12	27.11 2.46 3.38	23.28 2.31 3.23	27.85 2.85 6.38	29.07 2.80 6.56	35.44 3.42 7.95	35.08 3.31 7.04	38.29 3.69 7.84	42.66 3.94 6.49	33.65 2.78 1.14	50.17 3.87 0.00	32.09 2.42 0.80	27.29 2.20 2.25	26.04 1.95 2.01
WALDENNY_12_KV_BK2 80841	26.00 -1.56 0.00	21.55 -1.31 0.00	24.14 -1.30 0.00	18.33 -1.07 0.00	22.07 -1.23 0.00	22.28 -1.31 0.00	24.17 -1.67 0.23	25.97 -2.03 0.00	23.29 -1.86 0.00	25.69 -1.71 0.00	25.09 -1.48 0.59	10.66 -1.06 16.31	8.37 -0.86 14.97	-0.54 -0.88 31.04	0.11 -0.90 31.82	-0.17 -1.03 39.10	3.12 -1.00 34.70	2.19 -1.69 38.54	10.56 -2.57 32.09	24.18 -2.25 5.59	43.32 -2.99 0.00	24.39 -2.14 3.94	14.53 -1.80 11.01	14.83 -1.39 9.87
WALDEN__HYDRO 24148	29.12 1.56 0.00	24.15 1.30 0.00	26.73 1.28 0.00	20.42 1.02 0.00	24.53 1.23 0.00	24.90 1.31 0.00	27.58 1.55 0.04	29.80 1.81 0.00	26.63 1.49 0.00	28.84 1.44 0.00	28.47 1.43 0.13	26.12 1.57 3.48	22.40 1.38 3.17	26.73 1.94 6.58	28.33 2.23 6.73	34.27 2.54 8.24	34.03 2.52 7.30	37.14 2.84 8.12	41.33 2.85 6.73	32.81 1.98 1.18	48.93 2.63 0.00	31.32 1.67 0.83	26.53 1.52 2.34	25.36 1.35 2.08
WARRENSBURG____ 23737	28.63 1.06 0.00	23.71 0.85 0.00	26.16 0.72 0.00	20.10 0.69 0.00	24.08 0.78 0.00	24.39 0.80 0.00	27.12 1.08 0.03	29.33 1.34 0.00	26.17 1.02 0.00	28.10 0.69 0.00	27.57 0.50 0.09	26.10 0.38 2.31	22.38 0.29 2.10	27.47 0.46 4.37	29.18 0.83 4.48	35.41 0.96 5.52	34.94 1.03 4.90	38.42 1.44 5.45	42.58 1.88 4.51	32.50 1.28 0.79	48.00 1.69 0.00	31.10 1.16 0.55	26.81 1.00 1.54	25.59 0.87 1.37
WATERSIDE____6 8 9 23538	29.41 1.85 0.00	24.46 1.60 0.00	26.98 1.53 0.00	20.64 1.24 0.00	24.77 1.47 0.00	25.20 1.61 0.00	27.92 1.90 0.04	30.17 2.18 0.00	27.02 1.87 0.00	29.28 1.88 0.00	28.99 1.95 0.12	26.83 2.17 3.37	25.72 1.88 0.36	27.60 2.61 6.37	29.84 2.84 5.83	35.41 3.30 7.85	35.02 3.24 7.04	38.10 3.49 7.82	42.14 3.42 6.49	33.21 2.34 1.14	49.30 2.99 0.00	31.58 1.91 0.80	26.84 1.74 2.25	25.65 1.56 2.01
WATKINRD_115KV_LN8_ILLION 55919	27.50 -0.06 0.00	22.85 -0.01 0.00	25.34 -0.11 0.00	19.35 -0.05 0.00	23.24 -0.06 0.00	23.50 -0.09 0.00	26.01 -0.02 0.04	28.07 0.07 0.00	25.11 -0.03 0.00	27.13 -0.27 0.00	26.56 -0.49 0.12	24.22 -0.55 3.27	20.71 -0.52 2.97	24.60 -0.61 6.16	26.00 -0.52 6.31	31.59 -0.62 7.76	31.46 -0.47 6.89	34.47 -0.28 7.67	38.69 -0.16 6.36	30.85 -0.05 1.11	46.17 -0.13 0.00	29.62 -0.07 0.79	25.12 -0.01 2.21	24.10 -0.02 1.97



WDELAWARE___HYD 323627	29.26 1.69 0.00	24.25 1.40 0.00	26.87 1.42 0.00	20.52 1.11 0.00	24.64 1.34 0.00	25.02 1.43 0.00	27.72 1.69 0.05	29.95 1.95 0.00	26.75 1.60 0.00	28.94 1.54 0.00	28.51 1.49 0.14	25.99 1.62 3.66	22.30 1.43 3.33	26.45 1.98 6.91	28.03 2.28 7.08	33.88 2.58 8.67	33.73 2.59 7.68	36.88 3.00 8.54	41.24 3.11 7.08	33.02 2.25 1.24	49.40 3.10 0.00	31.56 1.96 0.88	26.64 1.75 2.46	25.45 1.55 2.19
WEST BABYLON___IC 23714	30.11 2.54 0.00	25.02 2.16 0.00	27.65 2.20 0.00	21.08 1.68 0.00	25.34 2.04 0.00	25.77 2.18 0.00	28.55 2.53 0.04	30.79 2.80 0.00	27.31 2.16 0.00	29.57 2.17 0.00	29.36 2.33 0.12	27.10 2.45 3.38	23.22 2.25 3.23	27.90 2.90 6.38	29.24 2.97 6.56	35.59 3.57 7.95	35.15 3.38 7.04	38.40 3.81 7.84	42.73 4.00 6.49	33.69 2.82 1.14	50.19 3.89 0.00	32.17 2.49 0.80	27.38 2.29 2.25	26.14 2.06 2.01
WEST CANADA___HYD 24049	27.54 -0.03 0.00	22.85 -0.01 0.00	25.40 -0.05 0.00	19.38 -0.02 0.00	23.30 0.00 0.00	23.57 -0.02 0.00	26.01 -0.02 0.04	28.02 0.02 0.00	25.12 -0.02 0.00	27.32 -0.08 0.00	26.92 -0.12 0.12	24.63 -0.13 3.27	21.13 -0.10 2.97	25.12 -0.10 6.16	26.45 -0.07 6.31	32.09 -0.12 7.76	31.84 -0.09 6.89	34.71 -0.04 7.67	38.80 -0.06 6.36	30.86 -0.04 1.11	46.19 -0.12 0.00	29.63 -0.06 0.79	25.08 -0.05 2.21	24.07 -0.05 1.97
WESTERN_NY_WIND 24143	26.30 -1.26 0.00	21.79 -1.07 0.00	24.37 -1.08 0.00	18.50 -0.90 0.00	22.29 -1.02 0.00	22.56 -1.04 0.00	24.53 -1.31 0.22	26.38 -1.61 0.00	23.59 -1.55 0.00	25.91 -1.49 0.00	25.20 -1.37 0.58	10.86 -1.05 16.12	8.45 -0.91 14.83	-0.37 -0.99 30.76	0.22 -1.09 31.52	-0.07 -1.29 38.74	3.32 -1.12 34.38	2.42 -1.83 38.18	11.06 -2.46 31.70	24.55 -1.92 5.53	44.04 -2.27 0.00	24.93 -1.63 3.91	15.01 -1.39 10.95	15.29 -1.03 9.78
WESTOVER___LESR 323668	27.32 -0.24 0.00	22.66 -0.20 0.00	25.26 -0.19 0.00	19.26 -0.14 0.00	23.21 -0.09 0.00	23.45 -0.15 0.00	25.67 -0.13 0.27	27.93 -0.06 0.00	25.03 -0.12 0.00	27.21 -0.19 0.00	26.24 -0.22 0.70	9.07 -0.15 18.82	6.91 -0.14 17.15	-4.35 -0.16 35.56	-3.81 -0.18 36.45	-5.10 -0.26 44.81	-1.23 -0.28 39.76	-2.21 -0.42 44.22	8.02 -0.57 36.62	25.22 -0.37 6.41	45.73 -0.58 0.00	25.53 -0.41 4.53	14.33 -0.30 12.72	14.49 -0.26 11.34
WETHRSFD_WT_PWR 323626	25.84 -1.73 0.00	21.54 -1.32 0.00	24.20 -1.25 0.00	18.40 -1.00 0.00	22.14 -1.16 0.00	22.26 -1.34 0.00	24.16 -1.67 0.24	26.05 -1.95 0.00	23.47 -1.68 0.00	25.69 -1.71 0.00	24.91 -1.63 0.63	9.43 -1.50 17.11	7.19 -1.33 15.68	-2.74 -2.27 32.51	-2.27 -1.78 33.32	-3.23 -2.25 40.95	0.26 -2.22 36.34	-0.85 -2.91 40.37	7.68 -3.49 34.05	23.74 -2.42 5.85	43.27 -3.04 0.00	24.30 -2.05 4.13	14.01 -1.77 11.57	14.27 -1.48 10.34
WHAVSTOR_138KV_BK127 55557	29.12 1.55 0.00	24.18 1.32 0.00	26.75 1.30 0.00	20.45 1.05 0.00	24.56 1.26 0.00	24.95 1.36 0.00	27.67 1.64 0.04	29.91 1.92 0.00	26.74 1.60 0.00	29.00 1.60 0.00	28.66 1.63 0.13	26.36 1.80 3.47	22.68 1.58 3.10	27.03 2.21 6.55	28.60 2.46 6.68	34.61 2.81 8.17	34.34 2.77 7.24	37.41 3.04 8.06	41.54 3.00 6.67	32.87 2.03 1.17	48.95 2.65 0.00	31.35 1.69 0.83	26.58 1.55 2.32	25.41 1.38 2.07
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.12 1.55 0.00	24.18 1.32 0.00	26.75 1.30 0.00	20.45 1.05 0.00	24.56 1.26 0.00	24.95 1.36 0.00	27.67 1.64 0.04	29.91 1.92 0.00	26.74 1.60 0.00	29.00 1.60 0.00	28.66 1.63 0.13	26.36 1.80 3.47	22.68 1.58 3.10	27.03 2.21 6.55	28.60 2.46 6.68	34.61 2.81 8.17	34.34 2.77 7.24	37.41 3.04 8.06	41.54 3.00 6.67	32.87 2.03 1.17	48.95 2.65 0.00	31.35 1.69 0.83	26.58 1.55 2.32	25.41 1.38 2.07
WHITEHAL_115KV_TB1 80871	29.03 1.46 0.00	24.03 1.17 0.00	26.25 0.80 0.00	20.32 0.92 0.00	24.26 0.96 0.00	24.60 1.01 0.00	27.53 1.48 0.03	29.93 1.93 0.00	26.57 1.42 0.00	28.18 0.77 0.00	27.60 0.53 0.09	26.14 0.41 2.31	22.43 0.34 2.10	27.58 0.57 4.36	29.74 1.39 4.47	35.90 1.45 5.51	35.49 1.57 4.90	38.94 1.96 5.45	43.72 3.01 4.50	33.22 2.00 0.79	49.03 2.72 0.00	31.82 1.89 0.55	27.44 1.63 1.54	26.19 1.46 1.37
WHITEPLN_13_KV_LOAD 356215	29.47 1.91 0.00	24.47 1.61 0.00	27.05 1.60 0.00	20.67 1.27 0.00	24.82 1.52 0.00	25.23 1.63 0.00	27.95 1.92 0.04	30.22 2.23 0.00	27.04 1.89 0.00	29.30 1.90 0.00	28.96 1.93 0.13	26.76 2.11 3.39	23.06 1.86 2.99	27.52 2.55 6.40	29.12 2.81 6.51	35.25 3.24 7.96	34.93 3.17 7.06	38.08 3.50 7.85	42.20 3.49 6.51	33.25 2.38 1.14	49.44 3.13 0.00	31.68 2.00 0.80	26.91 1.82 2.26	25.71 1.63 2.01
WM_FLOYD_69_KV_BK2 356380	30.25 2.68 0.00	25.14 2.29 0.00	27.78 2.33 0.00	21.19 1.79 0.00	25.47 2.17 0.00	25.92 2.32 0.00	28.72 2.70 0.04	30.96 2.97 0.00	27.39 2.24 0.00	29.62 2.21 0.00	29.33 2.29 0.12	27.06 2.41 3.38	23.21 2.25 3.23	27.82 2.82 6.38	29.07 2.79 6.56	35.42 3.40 7.95	35.09 3.32 7.04	38.23 3.65 7.84	42.60 3.88 6.49	33.61 2.74 1.14	50.13 3.82 0.00	32.09 2.42 0.80	27.29 2.20 2.25	26.04 1.96 2.01
WOODARD___115KV_TB2 355635	26.86 -0.71 0.00	22.26 -0.60 0.00	24.78 -0.67 0.00	18.89 -0.51 0.00	22.74 -0.56 0.00	23.01 -0.58 0.00	24.94 -0.67 0.46	27.24 -0.76 0.00	24.42 -0.72 0.00	26.58 -0.83 0.00	25.07 -0.83 1.26	-6.58 -0.87 33.74	-7.23 -0.76 30.67	-33.16 -0.94 63.59	-33.30 -0.94 65.18	-41.35 -1.19 80.13	-33.41 -1.07 71.15	-38.32 -1.16 79.59	-22.10 -1.27 66.05	19.58 -0.87 11.56	45.08 -1.23 0.00	21.44 -0.86 8.18	3.60 -0.79 22.95	4.88 -0.76 20.45
WOODMERE_69_KV_BK1 55827	29.85 2.28 0.00	24.79 1.93 0.00	27.40 1.95 0.00	20.91 1.51 0.00	25.11 1.81 0.00	25.53 1.93 0.00	28.26 2.24 0.04	30.50 2.50 0.00	27.12 1.98 0.00	29.42 2.02 0.00	29.20 2.17 0.12	27.00 2.34 3.38	23.12 2.15 3.23	27.76 2.76 6.38	29.08 2.81 6.56	35.37 3.35 7.95	35.06 3.29 7.04	38.26 3.67 7.84	42.45 3.73 6.49	33.45 2.58 1.14	49.81 3.50 0.00	31.95 2.27 0.80	27.20 2.11 2.25	25.96 1.88 2.01
YORK___WARBASSE 23770	29.51 1.95 0.00	24.53 1.67 0.00	27.06 1.61 0.00	20.70 1.29 0.00	24.84 1.54 0.00	25.28 1.68 0.00	28.01 1.98 0.04	30.28 2.29 0.00	27.10 1.96 0.00	29.37 1.96 0.00	29.07 2.03 0.12	26.93 2.27 3.37	25.79 1.95 0.36	27.75 2.75 6.37	29.99 3.00 5.83	35.60 3.48 7.85	35.24 3.46 7.04	38.30 3.70 7.82	42.37 3.65 6.49	33.40 2.52 1.13	49.52 3.22 0.00	31.77 2.09 0.80	27.00 1.90 2.25	25.80 1.72 2.01