

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/21/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	36.77	31.15	24.78	24.18	22.34	19.60	18.65	24.19	25.81	27.67	33.11	33.17	31.38	28.12	28.92	26.87	33.78	34.06	52.45	53.12	39.65	32.54	27.44	24.19
24138	1.74	1.45	1.15	1.10	0.99	0.94	1.02	1.34	1.48	1.57	1.74	1.75	1.84	1.69	1.61	0.99	0.33	0.49	0.81	-0.16	0.00	1.61	1.64	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.05	-39.63	-6.78	-0.60	-0.77
74TH STREET_GT_1	36.79	31.18	24.81	24.20	22.36	19.62	18.66	24.21	25.82	27.67	33.12	33.17	31.38	28.12	28.92	26.86	33.78	34.06	52.46	53.12	39.65	32.56	27.45	24.21
24260	1.76	1.48	1.18	1.12	1.02	0.97	1.04	1.36	1.49	1.57	1.74	1.76	1.84	1.69	1.62	0.98	0.33	0.50	0.83	-0.16	0.00	1.62	1.66	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.06	-39.63	-6.78	-0.60	-0.77
74TH STREET_GT_2	36.79	31.18	24.81	24.20	22.36	19.62	18.66	24.21	25.82	27.67	33.12	33.17	31.38	28.12	28.92	26.86	33.78	34.06	52.46	53.12	39.65	32.56	27.45	24.21
24261	1.76	1.48	1.18	1.12	1.02	0.97	1.04	1.36	1.49	1.57	1.74	1.76	1.84	1.69	1.62	0.98	0.33	0.50	0.83	-0.16	0.00	1.62	1.66	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.06	-39.63	-6.78	-0.60	-0.77
ADK HUDSON___FALLS	36.85	31.12	24.70	24.23	22.44	19.67	18.50	23.95	25.67	27.49	33.08	33.35	31.42	28.19	29.26	29.32	40.50	40.09	61.46	66.53	49.13	33.89	27.27	24.10
24011	1.82	1.42	1.07	1.14	1.09	1.01	0.88	1.11	1.35	1.39	1.71	1.94	1.88	1.76	1.65	1.02	0.39	0.57	0.94	-0.18	-0.01	1.33	1.33	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.59	-12.52	-34.40	-30.83	-45.97	-69.48	-49.12	-8.40	-0.74	-0.96
ADK RESOURCE___RCVRY	37.13	31.34	24.84	24.38	22.60	19.81	18.59	24.05	25.82	27.64	33.27	33.61	31.69	28.43	29.47	29.46	40.57	40.18	61.59	66.53	49.14	34.00	27.39	24.22
23798	2.10	1.64	1.21	1.30	1.26	1.15	0.97	1.20	1.50	1.54	1.90	2.19	2.14	1.99	1.86	1.16	0.46	0.65	1.06	-0.20	-0.02	1.44	1.46	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.59	-12.52	-34.41	-30.84	-45.98	-69.50	-49.14	-8.41	-0.74	-0.96
ADK S GLENS___FALLS	36.85	31.12	24.70	24.23	22.44	19.67	18.50	23.95	25.67	27.49	33.08	33.35	31.42	28.19	29.26	29.32	40.50	40.09	61.46	66.53	49.13	33.89	27.27	24.10
24028	1.82	1.42	1.07	1.14	1.09	1.01	0.88	1.11	1.35	1.39	1.71	1.94	1.88	1.76	1.65	1.02	0.39	0.57	0.94	-0.18	-0.01	1.33	1.33	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.59	-12.52	-34.40	-30.83	-45.97	-69.48	-49.12	-8.40	-0.74	-0.96
ADK_NYS___DAM	36.29	30.65	24.58	24.21	22.42	19.58	18.35	23.70	25.14	26.84	32.47	32.87	30.77	27.60	28.63	28.49	39.16	38.82	59.47	64.15	47.41	33.12	26.83	23.72
23527	1.25	0.95	0.95	1.12	1.07	0.92	0.73	0.85	0.82	0.74	1.10	1.46	1.23	1.17	1.08	0.63	0.27	0.39	0.57	-0.11	-0.01	0.86	0.92	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.53	-12.08	-33.19	-29.75	-44.35	-67.04	-47.40	-8.11	-0.72	-0.92
AIR_PRODUCTS___DRP	35.94	30.43	24.21	23.71	21.92	19.20	18.14	23.50	25.05	26.84	32.21	32.33	30.46	27.31	28.40	28.50	39.45	39.06	59.88	64.93	47.96	33.17	26.72	23.60
24190	0.91	0.74	0.58	0.62	0.57	0.54	0.52	0.65	0.73	0.74	0.84	0.92	0.92	0.87	0.83	0.50	0.18	0.29	0.48	-0.10	0.00	0.81	0.80	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.55	-12.22	-33.57	-30.09	-44.85	-67.80	-47.94	-8.20	-0.73	-0.93
AKWESSNE_115KV_BK	34.82	29.62	23.58	23.08	21.39	18.64	17.58	22.80	24.29	26.12	31.47	31.46	29.35	26.22	25.79	15.62	5.66	8.59	14.38	-2.72	0.04	23.76	24.86	21.70
355683	-0.21	-0.08	-0.05	0.00	0.04	-0.01	-0.04	-0.05	-0.04	0.02	0.09	0.05	-0.19	-0.21	-0.24	-0.16	-0.04	-0.10	-0.17	0.05	0.01	-0.40	-0.33	-0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	35.94	30.43	24.21	23.71	21.92	19.20	18.14	23.50	25.05	26.84	32.21	32.33	30.46	27.31	28.40	28.50	39.45	39.06	59.88	64.93	47.96	33.17	26.72	23.60
23571	0.91	0.74	0.58	0.62	0.57	0.54	0.52	0.65	0.73	0.74	0.84	0.92	0.92	0.87	0.83	0.50	0.18	0.29	0.48	-0.10	0.00	0.81	0.80	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.55	-12.22	-33.57	-30.09	-44.85	-67.80	-47.94	-8.20	-0.73	-0.93
ALBANY___2	35.94	30.43	24.21	23.71	21.92	19.20	18.14	23.50	25.05	26.84	32.21	32.33	30.46	27.31	28.40	28.50	39.45	39.06	59.88	64.93	47.96	33.17	26.72	23.60
23572	0.91	0.74	0.58	0.62	0.57	0.54	0.52	0.65	0.73	0.74	0.84	0.92	0.92	0.87	0.83	0.50	0.18	0.29	0.48	-0.10	0.00	0.81	0.80	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.55	-12.22	-33.57	-30.09	-44.85	-67.80	-47.94	-8.20	-0.73	-0.93
ALBANY___3	35.94	30.43	24.21	23.71	21.92	19.20	18.14	23.50	25.05	26.84	32.21	32.33	30.46	27.31	28.40	28.50	39.45	39.06	59.88	64.93	47.96	33.17	26.72	23.60
23573	0.91	0.74	0.58	0.62	0.57	0.54	0.52	0.65	0.73	0.74	0.84	0.92	0.92	0.87	0.83	0.50	0.18	0.29	0.48	-0.10	0.00	0.81	0.80	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.55	-12.22	-33.57	-30.09	-44.85	-67.80	-47.94	-8.20	-0.73	-0.93

ALBANY___4 23574	35.94 0.91 0.00	30.43 0.74 0.00	24.21 0.58 0.00	23.71 0.62 0.00	21.92 0.57 0.00	19.20 0.54 0.00	18.14 0.52 0.00	23.50 0.65 0.00	25.05 0.73 0.00	26.84 0.74 0.00	32.21 0.84 0.00	32.33 0.92 0.00	30.46 0.92 0.00	27.31 0.87 0.00	28.40 0.83 -1.55	28.50 0.50 -12.22	39.45 0.18 -33.57	39.06 0.29 -30.09	59.88 0.48 -44.85	64.93 -0.10 -67.80	47.96 0.00 -47.94	33.17 0.81 -8.20	26.72 0.80 -0.73	23.60 0.68 -0.93
ALBANY___LFGE 323615	36.17 1.14 0.00	30.62 0.92 0.00	24.35 0.72 0.00	23.84 0.76 0.00	22.05 0.70 0.00	19.31 0.65 0.00	18.25 0.63 0.00	23.64 0.79 0.00	25.20 0.88 0.00	27.00 0.91 0.00	32.42 1.05 0.00	32.56 1.14 0.00	30.66 1.13 0.00	27.49 1.06 0.00	28.60 1.01 -1.56	28.68 0.61 -12.29	39.69 0.22 -33.77	39.31 0.35 -30.27	60.26 0.58 -45.12	65.32 -0.11 -68.21	48.24 0.00 -48.22	33.39 0.98 -8.25	26.89 0.97 -0.73	23.75 0.82 -0.94
ALCOA_PA_115KV_PL-6C 55860	35.03 0.00 0.00	29.81 0.11 0.00	23.73 0.10 0.00	23.23 0.14 0.00	21.52 0.18 0.00	18.76 0.11 0.00	17.69 0.07 0.00	22.95 0.10 0.00	24.46 0.13 0.00	26.30 0.20 0.00	31.67 0.30 0.00	31.64 0.23 0.00	29.46 -0.08 0.00	26.32 -0.11 0.00	25.87 -0.15 0.00	15.68 -0.10 0.00	5.67 -0.03 0.00	8.61 -0.07 0.00	14.42 -0.13 0.00	-2.73 0.05 0.00	0.66 0.02 -0.61	25.50 -0.30 -1.64	26.65 -0.22 -1.68	23.37 -0.18 -1.57
ALCOA_RYNLDS___DRP 24188	35.03 0.00 0.00	29.81 0.11 0.00	23.73 0.10 0.00	23.23 0.14 0.00	21.52 0.18 0.00	18.76 0.11 0.00	17.69 0.07 0.00	22.95 0.10 0.00	24.46 0.13 0.00	26.30 0.20 0.00	31.67 0.30 0.00	31.64 0.23 0.00	29.46 -0.08 0.00	26.32 -0.11 0.00	25.87 -0.15 0.00	15.68 -0.10 0.00	5.67 -0.03 0.00	8.61 -0.07 0.00	14.42 -0.13 0.00	-2.73 0.05 0.00	0.66 0.02 -0.61	25.50 -0.30 -1.64	26.65 -0.22 -1.68	23.37 -0.18 -1.57
ALCOA___DSASP 323711	35.03 0.00 0.00	29.82 0.11 0.00	23.73 0.10 0.00	23.23 0.14 0.00	21.52 0.18 0.00	18.76 0.11 0.00	17.69 0.07 0.00	22.95 0.10 0.00	24.46 0.14 0.00	26.30 0.20 0.00	31.67 0.30 0.00	31.64 0.22 0.00	29.46 -0.08 0.00	26.32 -0.11 0.00	25.87 -0.15 0.00	15.68 -0.10 0.00	5.67 -0.03 0.00	8.61 -0.07 0.00	14.42 -0.13 0.00	-2.73 0.05 0.00	0.66 0.02 -0.61	25.49 -0.30 -1.64	26.65 -0.22 -1.68	23.37 -0.18 -1.57
ALLEGHENY___COGEN 23514	36.26 1.23 0.00	30.65 0.95 0.00	24.36 0.73 0.00	23.47 0.39 0.00	21.64 0.29 0.00	18.92 0.27 0.00	17.86 0.24 0.00	23.18 0.33 0.00	24.49 0.16 0.00	26.25 0.15 0.00	31.26 -0.11 0.00	31.22 -0.20 0.00	29.89 0.35 0.00	26.44 0.01 0.00	26.46 0.06 -0.38	18.76 -0.03 -3.01	14.05 0.08 -8.27	16.29 0.19 -7.41	25.97 0.37 -11.05	13.81 -0.12 -16.70	11.80 -0.03 -11.81	26.92 0.75 -2.02	26.04 0.67 -0.18	22.83 0.61 -0.23
ALTAMONT_115KV_TB 2 55880	35.99 0.96 0.00	30.49 0.79 0.00	24.25 0.62 0.00	23.74 0.66 0.00	21.95 0.60 0.00	19.21 0.56 0.00	18.16 0.55 0.00	23.53 0.69 0.00	25.08 0.75 0.00	26.87 0.77 0.00	32.25 0.88 0.00	32.36 0.94 0.00	30.49 0.95 0.00	27.33 0.89 0.00	28.42 0.85 -1.55	28.53 0.52 -12.23	39.48 0.18 -33.60	39.09 0.29 -30.12	59.93 0.48 -44.90	65.01 -0.09 -67.87	48.01 0.00 -47.99	33.20 0.84 -8.21	26.75 0.83 -0.73	23.64 0.72 -0.93
ALTONA_WT_PWR 323606	35.13 0.10 0.00	30.62 0.92 0.00	24.44 0.81 0.00	24.04 0.95 0.00	22.28 0.94 0.00	19.51 0.86 0.00	18.37 0.75 0.00	23.79 0.94 0.00	25.44 1.11 0.00	27.33 1.23 0.00	32.89 1.51 0.00	32.82 1.41 0.00	30.42 0.88 0.00	27.03 0.59 0.00	26.32 0.30 0.00	15.82 0.04 0.00	5.69 -0.01 0.00	8.60 -0.09 0.00	14.26 -0.30 0.00	-2.66 0.12 0.00	-16.38 0.03 16.43	-21.10 -1.17 44.08	-21.11 -1.14 45.16	-21.09 -1.05 42.02
AMERICAN_REF_FUEL 24010	34.09 -0.93 0.00	28.78 -0.92 0.00	22.91 -0.72 0.00	21.96 -1.12 0.00	20.24 -1.10 0.00	17.67 -0.98 0.00	16.57 -1.05 0.00	21.37 -1.47 0.00	22.44 -1.88 0.00	24.18 -1.92 0.00	29.46 -1.92 0.00	29.61 -1.81 0.00	28.51 -1.03 0.00	25.42 -1.01 0.00	25.19 -1.19 -0.36	17.92 -0.72 -2.86	13.17 -0.37 -7.85	15.33 -0.39 -7.03	24.31 -0.73 -10.49	13.12 0.04 -15.85	11.19 -0.04 -11.21	25.29 -0.78 -1.92	24.63 -0.73 -0.17	21.81 -0.40 -0.22
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.58 0.55 0.00	29.97 0.27 0.00	23.74 0.11 0.00	22.60 -0.48 0.00	20.72 -0.62 0.00	18.14 -0.52 0.00	17.03 -0.59 0.00	22.14 -0.71 0.00	23.22 -1.10 0.00	24.95 -1.15 0.00	30.32 -1.05 0.00	30.52 -0.90 0.00	29.12 -0.42 0.00	25.82 -0.61 0.00	25.54 -0.86 -0.39	18.31 -0.52 -3.05	13.88 -0.20 -8.38	15.94 -0.25 -7.51	25.35 -0.40 -11.19	14.17 0.03 -16.92	11.96 -0.03 -11.96	26.02 -0.18 -2.05	25.19 -0.18 -0.18	22.42 0.20 -0.23
ARTHUR_KILL_GT_1 23520	36.27 1.24 0.00	30.97 1.27 0.00	24.69 1.06 0.00	24.07 0.98 0.00	22.25 0.90 0.00	19.52 0.86 0.00	18.56 0.93 0.00	24.04 1.19 0.00	25.63 1.31 0.00	27.42 1.32 0.00	32.65 1.39 0.11	32.79 1.37 0.00	31.08 1.55 0.00	27.87 1.44 0.00	28.67 1.37 -1.28	26.71 0.83 -10.10	33.77 0.32 -27.75	33.98 0.41 -24.87	52.22 0.59 -37.08	53.16 -0.12 -56.06	39.67 0.02 -39.63	32.45 1.51 -6.78	27.36 1.57 -0.60	24.14 1.38 -0.77
ARTHUR_KILL_2 23512	36.18 1.15 0.00	30.89 1.20 0.00	24.63 0.99 0.00	24.00 0.92 0.00	22.20 0.85 0.00	19.47 0.81 0.00	18.51 0.89 0.00	23.97 1.13 0.00	25.56 1.24 0.00	27.34 1.24 0.00	32.57 1.30 0.11	32.70 1.28 0.00	31.00 1.46 0.00	27.79 1.36 0.00	28.60 1.30 -1.28	26.67 0.78 -10.10	33.75 0.30 -27.75	33.95 0.39 -24.87	52.18 0.55 -37.08	53.17 -0.11 -56.06	39.67 0.02 -39.63	32.37 1.44 -6.78	27.29 1.50 -0.60	24.08 1.32 -0.77
ARTHUR_KILL_3 23513	36.43 1.40 0.00	30.89 1.19 0.00	24.61 0.98 0.00	24.01 0.92 0.00	22.18 0.83 0.00	19.44 0.78 0.00	18.49 0.87 0.00	23.98 1.13 0.00	25.56 1.24 0.00	27.39 1.29 0.00	32.73 1.36 0.00	32.79 1.38 0.00	31.03 1.49 0.00	27.81 1.38 0.00	28.62 1.32 -1.28	26.69 0.81 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.29 0.65 -37.08	53.15 -0.13 -56.05	39.65 0.00 -39.63	32.28 1.35 -6.78	27.17 1.38 -0.60	23.97 1.21 -0.77
ARTHUR_KILL_COGEN 323718	36.27 1.24 0.00	30.97 1.27 0.00	24.69 1.06 0.00	24.07 0.98 0.00	22.25 0.90 0.00	19.52 0.86 0.00	18.56 0.93 0.00	24.04 1.19 0.00	25.63 1.31 0.00	27.42 1.32 0.00	32.65 1.39 0.11	32.79 1.37 0.00	31.08 1.55 0.00	27.87 1.44 0.00	28.67 1.37 -1.28	26.71 0.83 -10.10	33.77 0.32 -27.75	33.98 0.41 -24.87	52.22 0.59 -37.08	53.16 -0.12 -56.06	39.67 0.02 -39.63	32.45 1.51 -6.78	27.36 1.57 -0.60	24.14 1.38 -0.77
ASHOKAN____ 23654	36.59 1.56 0.00	30.93 1.23 0.00	24.60 0.96 0.00	24.06 0.97 0.00	22.24 0.90 0.00	19.49 0.83 0.00	18.49 0.87 0.00	23.99 1.14 0.00	25.62 1.30 0.00	27.48 1.38 0.00	33.03 1.66 0.00	33.16 1.75 0.00	31.22 1.68 0.00	27.90 1.47 0.00	28.69 1.27 -1.40	27.55 0.76 -11.01	36.27 0.31 -30.26	36.24 0.43 -27.13	55.79 0.80 -40.44	58.19 -0.15 -61.12	43.26 0.02 -43.21	32.93 1.38 -7.39	27.26 1.42 -0.65	23.99 1.16 -0.84

ASTORIA_EAST_ENERGY_CC1 323581	36.41 1.38 0.00	30.91 1.21 0.00	24.58 0.95 0.00	23.97 0.89 0.00	22.18 0.84 0.00	19.48 0.82 0.00	18.53 0.90 0.00	23.93 1.09 0.00	25.57 1.25 0.00	27.41 1.31 0.00	32.74 1.37 0.00	32.80 1.39 0.00	31.06 1.52 0.00	27.85 1.42 0.00	28.62 1.31 -1.28	26.71 0.82 -10.10	33.72 0.27 -27.75	33.96 0.40 -24.87	52.28 0.64 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.34 1.40 -6.78	27.23 1.44 -0.60	24.01 1.25 -0.77
ASTORIA_EAST_ENERGY_CC2 323582	36.41 1.38 0.00	30.91 1.21 0.00	24.58 0.95 0.00	23.97 0.89 0.00	22.18 0.84 0.00	19.48 0.82 0.00	18.53 0.90 0.00	23.93 1.09 0.00	25.57 1.25 0.00	27.41 1.31 0.00	32.74 1.37 0.00	32.80 1.39 0.00	31.06 1.52 0.00	27.85 1.42 0.00	28.62 1.31 -1.28	26.71 0.82 -10.10	33.72 0.27 -27.75	33.96 0.40 -24.87	52.28 0.64 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.34 1.40 -6.78	27.23 1.44 -0.60	24.01 1.25 -0.77
ASTORIA_GT2_1 24094	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT2_2 24095	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT2_3 24096	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT2_4 24097	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT3_1 24098	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT3_2 24099	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT3_3 24100	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT3_4 24101	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT4_1 24102	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT4_2 24103	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT4_3 24104	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT4_4 24105	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.86 0.00	19.48 0.82 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.33 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA_GT_1 23523	36.49 1.46 0.00	30.98 1.28 0.00	24.64 1.01 0.00	24.02 0.93 0.00	22.23 0.89 0.00	19.52 0.86 0.00	18.56 0.94 0.00	23.99 1.14 0.00	25.63 1.31 0.00	27.48 1.38 0.00	32.82 1.45 0.00	32.88 1.46 0.00	31.13 1.59 0.00	27.93 1.49 0.00	28.68 1.38 -1.28	26.74 0.86 -10.10	33.74 0.29 -27.75	33.98 0.42 -24.87	52.31 0.68 -37.08	53.14 -0.14 -56.06	39.67 0.02 -39.63	32.39 1.46 -6.78	27.30 1.51 -0.60	24.06 1.30 -0.77

ASTORIA_GT_10 24110	36.41 1.38 0.00	30.89 1.19 0.00	24.58 0.95 0.00	23.98 0.89 0.00	22.17 0.82 0.00	19.45 0.79 0.00	18.50 0.88 0.00	23.98 1.13 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.81 1.44 0.00	32.86 1.45 0.00	31.09 1.55 0.00	27.87 1.44 0.00	28.66 1.36 -1.28	26.72 0.84 -10.10	33.74 0.29 -27.75	33.98 0.41 -24.87	52.30 0.67 -37.08	53.15 -0.13 -56.06	39.66 0.01 -39.63	32.34 1.41 -6.78	27.23 1.44 -0.60	24.01 1.25 -0.77
ASTORIA_GT_11 24225	36.41 1.38 0.00	30.89 1.19 0.00	24.58 0.95 0.00	23.98 0.89 0.00	22.17 0.82 0.00	19.45 0.79 0.00	18.50 0.88 0.00	23.98 1.13 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.81 1.44 0.00	32.86 1.45 0.00	31.09 1.55 0.00	27.87 1.44 0.00	28.66 1.36 -1.28	26.72 0.84 -10.10	33.74 0.29 -27.75	33.98 0.41 -24.87	52.30 0.67 -37.08	53.15 -0.13 -56.06	39.66 0.01 -39.63	32.34 1.41 -6.78	27.23 1.44 -0.60	24.01 1.25 -0.77
ASTORIA_GT_12 24226	36.41 1.38 0.00	30.89 1.19 0.00	24.58 0.95 0.00	23.98 0.89 0.00	22.17 0.82 0.00	19.45 0.79 0.00	18.50 0.88 0.00	23.98 1.13 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.81 1.44 0.00	32.86 1.45 0.00	31.09 1.55 0.00	27.87 1.44 0.00	28.66 1.36 -1.28	26.72 0.84 -10.10	33.74 0.29 -27.75	33.98 0.41 -24.87	52.30 0.67 -37.08	53.15 -0.13 -56.06	39.66 0.01 -39.63	32.34 1.41 -6.78	27.23 1.44 -0.60	24.01 1.25 -0.77
ASTORIA_GT_13 24227	36.41 1.38 0.00	30.89 1.19 0.00	24.58 0.95 0.00	23.98 0.89 0.00	22.17 0.82 0.00	19.45 0.79 0.00	18.50 0.88 0.00	23.98 1.13 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.81 1.44 0.00	32.86 1.45 0.00	31.09 1.55 0.00	27.87 1.44 0.00	28.66 1.36 -1.28	26.72 0.84 -10.10	33.74 0.29 -27.75	33.98 0.41 -24.87	52.30 0.67 -37.08	53.15 -0.13 -56.06	39.66 0.01 -39.63	32.34 1.41 -6.78	27.23 1.44 -0.60	24.01 1.25 -0.77
ASTORIA_GT_5 24106	36.49 1.46 0.00	30.98 1.28 0.00	24.64 1.01 0.00	24.02 0.93 0.00	22.23 0.89 0.00	19.52 0.86 0.00	18.56 0.94 0.00	23.99 1.14 0.00	25.63 1.31 0.00	27.48 1.38 0.00	32.82 1.45 0.00	32.88 1.46 0.00	31.13 1.59 0.00	27.93 1.49 0.00	28.68 1.38 -1.28	26.74 0.86 -10.10	33.74 0.29 -27.75	33.98 0.42 -24.87	52.31 0.68 -37.08	53.14 -0.14 -56.06	39.67 0.02 -39.63	32.39 1.46 -6.78	27.30 1.51 -0.60	24.06 1.30 -0.77
ASTORIA_GT_7 24107	36.49 1.46 0.00	30.98 1.28 0.00	24.64 1.01 0.00	24.02 0.93 0.00	22.23 0.89 0.00	19.52 0.86 0.00	18.56 0.94 0.00	23.99 1.14 0.00	25.63 1.31 0.00	27.48 1.38 0.00	32.82 1.45 0.00	32.88 1.46 0.00	31.13 1.59 0.00	27.93 1.49 0.00	28.68 1.38 -1.28	26.74 0.86 -10.10	33.74 0.29 -27.75	33.98 0.42 -24.87	52.31 0.68 -37.08	53.14 -0.14 -56.06	39.67 0.02 -39.63	32.39 1.46 -6.78	27.30 1.51 -0.60	24.06 1.30 -0.77
ASTORIA_GT_8 24108	36.49 1.47 0.00	30.98 1.28 0.00	24.64 1.01 0.00	24.02 0.93 0.00	22.24 0.89 0.00	19.52 0.86 0.00	18.56 0.94 0.00	23.99 1.15 0.00	25.63 1.31 0.00	27.48 1.39 0.00	32.82 1.45 0.00	32.88 1.47 0.00	31.13 1.59 0.00	27.93 1.49 0.00	28.68 1.38 -1.28	26.74 0.87 -10.10	33.74 0.29 -27.75	33.98 0.42 -24.87	52.31 0.68 -37.08	53.14 -0.14 -56.06	39.67 0.02 -39.63	32.39 1.46 -6.78	27.30 1.51 -0.60	24.06 1.30 -0.77
ASTORIA___2 24149	36.42 1.39 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.98 0.90 0.00	22.20 0.85 0.00	19.49 0.83 0.00	18.53 0.91 0.00	23.95 1.10 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.76 1.39 0.00	32.82 1.40 0.00	31.07 1.53 0.00	27.87 1.44 0.00	28.63 1.32 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.26 -0.77
ASTORIA___3 23516	36.41 1.38 0.00	30.90 1.20 0.00	24.58 0.95 0.00	23.98 0.89 0.00	22.17 0.82 0.00	19.45 0.80 0.00	18.50 0.88 0.00	23.98 1.13 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.81 1.44 0.00	32.86 1.45 0.00	31.09 1.55 0.00	27.87 1.44 0.00	28.66 1.36 -1.28	26.72 0.83 -10.10	33.74 0.28 -27.75	33.98 0.41 -24.87	52.30 0.67 -37.08	53.15 -0.13 -56.06	39.66 0.01 -39.63	32.34 1.41 -6.78	27.23 1.44 -0.60	24.00 1.25 -0.77
ASTORIA___4 23517	36.41 1.38 0.00	30.89 1.19 0.00	24.58 0.95 0.00	23.98 0.89 0.00	22.17 0.82 0.00	19.45 0.79 0.00	18.50 0.88 0.00	23.98 1.13 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.81 1.44 0.00	32.86 1.45 0.00	31.09 1.55 0.00	27.87 1.44 0.00	28.66 1.36 -1.28	26.72 0.84 -10.10	33.74 0.29 -27.75	33.98 0.41 -24.87	52.30 0.67 -37.08	53.15 -0.13 -56.06	39.66 0.01 -39.63	32.34 1.41 -6.78	27.23 1.44 -0.60	24.01 1.25 -0.77
ASTORIA___5 23518	36.41 1.38 0.00	30.89 1.19 0.00	24.58 0.95 0.00	23.98 0.89 0.00	22.17 0.82 0.00	19.45 0.80 0.00	18.50 0.88 0.00	23.97 1.13 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.81 1.44 0.00	32.86 1.45 0.00	31.09 1.55 0.00	27.87 1.44 0.00	28.66 1.36 -1.28	26.72 0.83 -10.10	33.74 0.28 -27.75	33.98 0.41 -24.87	52.30 0.67 -37.08	53.15 -0.13 -56.06	39.66 0.01 -39.63	32.34 1.41 -6.78	27.23 1.44 -0.60	24.00 1.25 -0.77
AST_ENERGY_2_CC3 323677	36.63 1.60 0.00	31.04 1.34 0.00	24.71 1.08 0.00	24.11 1.02 0.00	22.27 0.92 0.00	19.54 0.88 0.00	18.58 0.96 0.00	24.09 1.25 0.00	25.69 1.37 0.00	27.54 1.44 0.00	32.94 1.56 0.00	33.00 1.58 0.00	31.21 1.67 0.00	27.98 1.55 0.00	28.77 1.47 -1.28	26.79 0.90 -10.10	33.76 0.31 -27.75	34.01 0.45 -24.87	52.37 0.74 -37.08	53.13 -0.14 -56.05	39.65 0.00 -39.63	32.42 1.49 -6.78	27.32 1.53 -0.60	24.10 1.34 -0.77
AST_ENERGY_2_CC4 323678	36.63 1.60 0.00	31.04 1.34 0.00	24.71 1.08 0.00	24.11 1.02 0.00	22.27 0.92 0.00	19.54 0.88 0.00	18.58 0.96 0.00	24.09 1.25 0.00	25.69 1.37 0.00	27.54 1.44 0.00	32.94 1.56 0.00	33.00 1.58 0.00	31.21 1.67 0.00	27.98 1.55 0.00	28.77 1.47 -1.28	26.79 0.90 -10.10	33.76 0.31 -27.75	34.01 0.45 -24.87	52.37 0.74 -37.08	53.13 -0.14 -56.05	39.65 0.00 -39.63	32.42 1.49 -6.78	27.32 1.53 -0.60	24.10 1.34 -0.77
ATHENS_STG_1 23668	36.00 0.97 0.00	30.49 0.79 0.00	24.26 0.63 0.00	23.74 0.65 0.00	21.95 0.60 0.00	19.22 0.56 0.00	18.19 0.57 0.00	23.56 0.71 0.00	25.10 0.77 0.00	26.88 0.79 0.00	32.24 0.87 0.00	32.33 0.91 0.00	30.49 0.95 0.00	27.33 0.90 0.00	28.29 0.85 -1.41	27.40 0.52 -11.10	36.37 0.18 -30.49	36.29 0.27 -27.33	55.75 0.45 -40.74	58.72 -0.09 -61.59	43.57 0.00 -43.54	32.47 0.87 -7.45	26.73 0.88 -0.66	23.60 0.77 -0.85
ATHENS_STG_2 23670	36.00 0.97 0.00	30.49 0.79 0.00	24.26 0.63 0.00	23.74 0.65 0.00	21.95 0.60 0.00	19.22 0.56 0.00	18.19 0.57 0.00	23.56 0.71 0.00	25.10 0.77 0.00	26.88 0.79 0.00	32.24 0.87 0.00	32.33 0.91 0.00	30.49 0.95 0.00	27.33 0.90 0.00	28.29 0.85 -1.41	27.40 0.52 -11.10	36.37 0.18 -30.49	36.29 0.27 -27.33	55.75 0.45 -40.74	58.72 -0.09 -61.59	43.57 0.00 -43.54	32.47 0.87 -7.45	26.73 0.88 -0.66	23.60 0.77 -0.85

ATHENS_STG_3 23677	36.00 0.97 0.00	30.49 0.79 0.00	24.26 0.63 0.00	23.74 0.65 0.00	21.95 0.60 0.00	19.22 0.56 0.00	18.19 0.57 0.00	23.56 0.71 0.00	25.10 0.77 0.00	26.88 0.79 0.00	32.24 0.87 0.00	32.33 0.91 0.00	30.49 0.95 0.00	27.33 0.90 0.00	28.29 0.85 -1.41	27.40 0.52 -11.10	36.37 0.18 -30.49	36.29 0.27 -27.33	55.75 0.45 -40.74	58.72 -0.09 -61.59	43.57 0.00 -43.54	32.47 0.87 -7.45	26.73 0.88 -0.66	23.60 0.77 -0.85
AUBURN____LFGE 323710	35.69 0.66 0.00	30.08 0.38 0.00	23.91 0.28 0.00	23.31 0.23 0.00	21.54 0.20 0.00	18.87 0.21 0.00	17.83 0.20 0.00	23.05 0.21 0.00	24.48 0.15 0.00	26.24 0.14 0.00	31.54 0.16 0.00	31.55 0.14 0.00	29.86 0.32 0.00	26.76 0.33 0.00	26.76 0.41 -0.33	18.66 0.28 -2.59	12.88 0.06 -7.12	15.21 0.14 -6.38	24.33 0.27 -9.51	11.54 -0.07 -14.38	10.18 -0.01 -10.17	26.40 0.50 -1.74	25.77 0.42 -0.15	22.55 0.36 -0.20
BABYLON_RES_REC 323704	37.05 2.03 0.00	31.57 1.88 0.00	25.07 1.43 0.00	24.41 1.33 0.00	22.58 1.23 0.00	19.84 1.18 0.00	18.91 1.28 0.00	24.52 1.67 0.00	26.08 1.76 0.00	28.49 1.88 -0.52	35.10 2.16 -1.57	33.61 2.19 0.00	31.57 2.03 0.00	28.31 1.88 0.00	29.17 1.87 -1.28	26.96 1.08 -10.10	33.83 0.37 -27.75	34.11 0.54 -24.88	52.55 0.91 -37.09	53.12 -0.17 -56.06	39.69 0.04 -39.63	32.77 1.83 -6.78	27.75 1.96 -0.60	24.55 1.79 -0.77
BABYLON__69_KV_BK2 356345	37.47 2.44 0.00	31.94 2.24 0.00	25.35 1.72 0.00	24.68 1.59 0.00	22.83 1.48 0.00	20.05 1.40 0.00	19.12 1.50 0.00	24.80 1.95 0.00	26.39 2.06 0.00	29.86 2.23 -1.53	38.90 2.58 -4.95	34.05 2.62 0.00	31.97 2.43 0.00	28.66 2.23 0.00	29.53 2.23 -1.28	27.18 1.29 -10.10	33.91 0.45 -27.75	34.21 0.64 -24.88	52.72 1.08 -37.09	53.09 -0.20 -56.06	39.70 0.04 -39.63	33.09 2.15 -6.78	28.09 2.30 -0.60	24.83 2.08 -0.77
BALL_HILL_WT_PWR 323825	35.16 0.13 0.00	29.66 -0.04 0.00	23.55 -0.08 0.00	22.57 -0.52 0.00	20.77 -0.57 0.00	18.19 -0.47 0.00	17.08 -0.54 0.00	22.20 -0.65 0.00	23.35 -0.98 0.00	25.06 -1.04 0.00	30.38 -0.99 0.00	30.49 -0.92 0.00	29.28 -0.26 0.00	26.07 -0.36 0.00	25.82 -0.58 -0.38	18.43 -0.36 -3.01	13.79 -0.18 -8.27	15.92 -0.18 -7.41	25.32 -0.28 -11.05	13.92 -0.01 -16.70	11.80 -0.03 -11.81	26.07 -0.10 -2.02	25.27 -0.10 -0.18	22.33 0.11 -0.23
BARON_WINDS____WT_PWR 323822	35.23 0.20 0.00	29.87 0.17 0.00	23.73 0.09 0.00	22.84 -0.24 0.00	21.00 -0.34 0.00	18.37 -0.28 0.00	17.27 -0.35 0.00	22.36 -0.49 0.00	23.51 -0.81 0.00	25.23 -0.86 0.00	30.22 -1.16 0.00	30.13 -1.28 0.00	28.86 -0.68 0.00	25.66 -0.77 0.00	25.59 -0.87 -0.45	18.79 -0.51 -3.52	15.16 -0.21 -9.66	17.05 -0.30 -8.66	27.04 -0.43 -12.91	16.82 0.08 -19.52	13.80 -0.02 -13.80	25.90 -0.61 -2.36	24.72 -0.68 -0.21	21.80 -0.46 -0.27
BARRETT_IC_1 23704	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BARRETT_IC_10 23701	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BARRETT_IC_11 23702	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BARRETT_IC_12 23703	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BARRETT_IC_2 23705	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BARRETT_IC_3 23706	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BARRETT_IC_4 23707	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BARRETT_IC_5 23708	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BARRETT_IC_6 23709	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77

BARRETT_IC_7 23710	36.67 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.40 0.00	27.54 1.44 0.00	33.04 1.67 0.00	33.10 1.69 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.31 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.40 1.47 -6.78	27.37 1.58 -0.60	24.24 1.48 -0.77
BARRETT_IC_8 23711	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BARRETT_IC_9 23700	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BARRETT___1 23545	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BARRETT___2 23546	36.66 1.64 0.00	31.21 1.51 0.00	24.78 1.15 0.00	24.14 1.06 0.00	22.31 0.96 0.00	19.59 0.93 0.00	18.66 1.04 0.00	24.22 1.37 0.00	25.72 1.39 0.00	27.54 1.44 0.00	33.03 1.66 0.00	33.10 1.68 0.00	31.17 1.64 0.00	27.94 1.51 0.00	28.78 1.48 -1.28	26.75 0.87 -10.10	33.76 0.30 -27.75	34.00 0.44 -24.88	52.36 0.72 -37.09	53.15 -0.13 -56.06	39.69 0.03 -39.63	32.41 1.47 -6.78	27.38 1.58 -0.60	24.24 1.48 -0.77
BATAVIA__115KV_TB1 55881	35.29 0.26 0.00	29.78 0.08 0.00	23.69 0.06 0.00	22.77 -0.31 0.00	21.01 -0.34 0.00	18.36 -0.30 0.00	17.28 -0.34 0.00	22.39 -0.46 0.00	23.62 -0.70 0.00	25.45 -0.65 0.00	30.91 -0.46 0.00	31.05 -0.37 0.00	29.76 0.22 0.00	26.52 0.09 0.00	26.34 -0.03 -0.34	18.46 -0.03 -2.71	13.06 -0.09 -7.44	15.38 0.02 -6.67	24.48 -0.01 -9.95	12.18 -0.08 -15.04	10.61 -0.04 -10.63	26.22 0.25 -1.82	25.62 0.27 -0.16	22.55 0.36 -0.21
BAYONEEC___CTG1 323682	36.59 1.56 0.00	31.01 1.31 0.00	24.69 1.06 0.00	24.09 1.00 0.00	22.25 0.90 0.00	19.51 0.86 0.00	18.56 0.93 0.00	24.06 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.88 1.50 0.00	32.93 1.52 0.00	31.16 1.62 0.00	27.94 1.51 0.00	28.74 1.43 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.43 -24.87	52.35 0.72 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.39 1.45 -6.78	27.29 1.50 -0.60	24.07 1.31 -0.77
BAYONEEC___CTG10 323750	36.59 1.56 0.00	31.01 1.31 0.00	24.69 1.06 0.00	24.09 1.00 0.00	22.25 0.90 0.00	19.51 0.86 0.00	18.56 0.93 0.00	24.06 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.88 1.50 0.00	32.93 1.52 0.00	31.16 1.62 0.00	27.94 1.51 0.00	28.74 1.43 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.43 -24.87	52.35 0.72 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.39 1.45 -6.78	27.29 1.50 -0.60	24.07 1.31 -0.77
BAYONEEC___CTG2 323683	36.59 1.56 0.00	31.01 1.31 0.00	24.69 1.06 0.00	24.09 1.00 0.00	22.25 0.90 0.00	19.51 0.86 0.00	18.56 0.93 0.00	24.06 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.88 1.50 0.00	32.93 1.52 0.00	31.16 1.62 0.00	27.94 1.51 0.00	28.74 1.43 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.43 -24.87	52.35 0.72 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.39 1.45 -6.78	27.29 1.50 -0.60	24.07 1.31 -0.77
BAYONEEC___CTG3 323684	36.59 1.56 0.00	31.01 1.31 0.00	24.69 1.06 0.00	24.09 1.00 0.00	22.25 0.90 0.00	19.51 0.86 0.00	18.56 0.93 0.00	24.06 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.88 1.50 0.00	32.93 1.52 0.00	31.16 1.62 0.00	27.94 1.51 0.00	28.74 1.43 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.43 -24.87	52.35 0.72 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.39 1.45 -6.78	27.29 1.50 -0.60	24.07 1.31 -0.77
BAYONEEC___CTG4 323685	36.59 1.56 0.00	31.01 1.31 0.00	24.69 1.06 0.00	24.09 1.00 0.00	22.25 0.90 0.00	19.51 0.86 0.00	18.56 0.93 0.00	24.06 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.88 1.50 0.00	32.93 1.52 0.00	31.16 1.62 0.00	27.94 1.51 0.00	28.74 1.43 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.43 -24.87	52.35 0.72 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.39 1.45 -6.78	27.29 1.50 -0.60	24.07 1.31 -0.77
BAYONEEC___CTG5 323686	36.59 1.56 0.00	31.01 1.31 0.00	24.69 1.06 0.00	24.09 1.00 0.00	22.25 0.90 0.00	19.51 0.86 0.00	18.56 0.93 0.00	24.06 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.88 1.50 0.00	32.93 1.52 0.00	31.16 1.62 0.00	27.94 1.51 0.00	28.74 1.43 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.43 -24.87	52.35 0.72 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.39 1.45 -6.78	27.29 1.50 -0.60	24.07 1.31 -0.77
BAYONEEC___CTG6 323687	36.59 1.56 0.00	31.01 1.31 0.00	24.69 1.06 0.00	24.09 1.00 0.00	22.25 0.90 0.00	19.51 0.86 0.00	18.56 0.93 0.00	24.06 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.88 1.50 0.00	32.93 1.52 0.00	31.16 1.62 0.00	27.94 1.51 0.00	28.74 1.43 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.43 -24.87	52.35 0.72 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.39 1.45 -6.78	27.29 1.50 -0.60	24.07 1.31 -0.77
BAYONEEC___CTG7 323688	36.59 1.56 0.00	31.01 1.31 0.00	24.69 1.06 0.00	24.09 1.00 0.00	22.25 0.90 0.00	19.51 0.86 0.00	18.56 0.93 0.00	24.06 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.88 1.50 0.00	32.93 1.52 0.00	31.16 1.62 0.00	27.94 1.51 0.00	28.74 1.43 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.43 -24.87	52.35 0.72 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.39 1.45 -6.78	27.29 1.50 -0.60	24.07 1.31 -0.77
BAYONEEC___CTG8 323689	36.59 1.56 0.00	31.01 1.31 0.00	24.69 1.06 0.00	24.09 1.00 0.00	22.25 0.90 0.00	19.51 0.86 0.00	18.56 0.93 0.00	24.06 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.88 1.50 0.00	32.93 1.52 0.00	31.16 1.62 0.00	27.94 1.51 0.00	28.74 1.43 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.43 -24.87	52.35 0.72 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.39 1.45 -6.78	27.29 1.50 -0.60	24.07 1.31 -0.77

BAYONEEC___CTG9 323749	36.59 1.56 0.00	31.01 1.31 0.00	24.69 1.06 0.00	24.09 1.00 0.00	22.25 0.90 0.00	19.51 0.86 0.00	18.56 0.93 0.00	24.06 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.88 1.50 0.00	32.93 1.52 0.00	31.16 1.62 0.00	27.94 1.51 0.00	28.74 1.43 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.43 -24.87	52.35 0.72 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.39 1.45 -6.78	27.29 1.50 -0.60	24.07 1.31 -0.77
BEACON___LESR 323632	36.37 1.34 0.00	30.76 1.06 0.00	24.41 0.78 0.00	23.88 0.80 0.00	22.11 0.76 0.00	19.38 0.72 0.00	18.29 0.67 0.00	23.77 0.92 0.00	25.35 1.03 0.00	27.15 1.05 0.00	32.61 1.24 0.00	32.68 1.26 0.00	30.80 1.26 0.00	27.60 1.17 0.00	28.76 1.19 -1.55	28.67 0.69 -12.20	39.51 0.27 -33.53	39.14 0.40 -30.06	60.05 0.69 -44.81	64.82 -0.14 -67.73	47.91 0.00 -47.89	33.50 1.16 -8.19	27.02 1.10 -0.72	23.86 0.94 -0.93
BEAVER RIVER___HYD 24048	35.44 0.41 0.00	30.04 0.34 0.00	23.91 0.28 0.00	23.32 0.23 0.00	21.52 0.17 0.00	18.82 0.16 0.00	17.77 0.15 0.00	23.20 0.35 0.00	24.70 0.38 0.00	26.47 0.37 0.00	31.70 0.33 0.00	31.32 -0.10 0.00	29.11 -0.43 0.00	26.04 -0.39 0.00	25.75 -0.37 -0.10	16.30 -0.31 -0.82	7.84 -0.13 -2.26	10.49 -0.23 -2.03	17.25 -0.33 -3.03	1.87 0.07 -4.57	4.27 0.01 -4.24	26.65 -0.76 -3.25	27.48 -0.53 -2.81	24.18 -0.44 -2.63
BEEBEE_GT_13 23619	34.90 -0.12 0.00	29.49 -0.21 0.00	23.46 -0.17 0.00	22.69 -0.39 0.00	20.95 -0.40 0.00	18.31 -0.35 0.00	17.27 -0.35 0.00	22.41 -0.44 0.00	23.75 -0.57 0.00	25.54 -0.55 0.00	30.88 -0.49 0.00	30.97 -0.45 0.00	29.49 -0.05 0.00	26.34 -0.09 0.00	26.20 -0.14 -0.31	18.18 -0.08 -2.48	12.43 -0.08 -6.80	14.77 -0.02 -6.10	23.59 -0.05 -9.09	10.92 -0.04 -13.74	9.71 -0.03 -9.71	25.88 0.06 -1.66	25.38 0.05 -0.15	22.25 0.07 -0.19
BENSHRST_27_KV_BENSHRST_1 355998	36.73 1.70 0.00	31.20 1.50 0.00	24.82 1.19 0.00	24.19 1.11 0.00	22.37 1.03 0.00	19.62 0.97 0.00	18.67 1.05 0.00	24.20 1.35 0.00	25.83 1.51 0.00	27.68 1.59 0.00	33.13 1.76 0.00	33.18 1.76 0.00	31.42 1.88 0.00	28.15 1.72 0.00	28.94 1.64 -1.28	26.88 1.00 -10.10	33.81 0.35 -27.75	34.08 0.51 -24.87	52.44 0.81 -37.08	53.12 -0.16 -56.06	39.67 0.01 -39.63	32.63 1.70 -6.78	27.52 1.73 -0.60	24.26 1.50 -0.77
BETHLEHEM___GRP 23843	35.94 0.91 0.00	30.43 0.74 0.00	24.21 0.58 0.00	23.71 0.62 0.00	21.92 0.57 0.00	19.20 0.54 0.00	18.14 0.52 0.00	23.50 0.65 0.00	25.05 0.73 0.00	26.84 0.74 0.00	32.21 0.84 0.00	32.33 0.92 0.00	30.46 0.92 0.00	27.31 0.87 0.00	28.40 0.83 -1.55	28.50 0.50 -12.22	39.45 0.18 -33.57	39.06 0.29 -30.09	59.88 0.48 -44.85	64.93 -0.10 -67.80	47.96 0.00 -47.94	33.17 0.81 -8.20	26.72 0.80 -0.73	23.60 0.68 -0.93
BETHLEHEM___GS1 323560	35.94 0.91 0.00	30.43 0.73 0.00	24.21 0.58 0.00	23.71 0.62 0.00	21.92 0.57 0.00	19.20 0.54 0.00	18.14 0.52 0.00	23.50 0.65 0.00	25.05 0.73 0.00	26.84 0.74 0.00	32.21 0.84 0.00	32.33 0.92 0.00	30.46 0.92 0.00	27.31 0.87 0.00	28.40 0.83 -1.55	28.50 0.50 -12.22	39.45 0.18 -33.57	39.06 0.29 -30.09	59.88 0.48 -44.85	64.93 -0.10 -67.80	47.96 0.00 -47.94	33.17 0.81 -8.20	26.71 0.80 -0.73	23.60 0.68 -0.93
BETHLEHEM___GS2 323561	35.94 0.91 0.00	30.43 0.73 0.00	24.21 0.58 0.00	23.71 0.62 0.00	21.92 0.57 0.00	19.20 0.54 0.00	18.14 0.52 0.00	23.50 0.65 0.00	25.05 0.73 0.00	26.84 0.74 0.00	32.21 0.84 0.00	32.33 0.92 0.00	30.46 0.92 0.00	27.31 0.87 0.00	28.40 0.83 -1.55	28.50 0.50 -12.22	39.45 0.18 -33.57	39.06 0.29 -30.09	59.88 0.48 -44.85	64.93 -0.10 -67.80	47.96 0.00 -47.94	33.17 0.81 -8.20	26.71 0.80 -0.73	23.60 0.68 -0.93
BETHLEHEM___GS3 323562	35.94 0.91 0.00	30.43 0.73 0.00	24.21 0.58 0.00	23.71 0.62 0.00	21.92 0.57 0.00	19.20 0.54 0.00	18.14 0.52 0.00	23.50 0.65 0.00	25.05 0.73 0.00	26.84 0.74 0.00	32.21 0.84 0.00	32.33 0.92 0.00	30.46 0.92 0.00	27.31 0.87 0.00	28.40 0.83 -1.55	28.50 0.50 -12.22	39.45 0.18 -33.57	39.06 0.29 -30.09	59.88 0.48 -44.85	64.93 -0.10 -67.80	47.96 0.00 -47.94	33.17 0.81 -8.20	26.71 0.80 -0.73	23.60 0.68 -0.93
BETHLEHEM___STEEL 23779	34.98 -0.05 0.00	29.53 -0.17 0.00	23.48 -0.15 0.00	22.51 -0.57 0.00	20.73 -0.62 0.00	18.12 -0.53 0.00	17.01 -0.61 0.00	22.05 -0.80 0.00	23.19 -1.14 0.00	24.94 -1.16 0.00	30.28 -1.09 0.00	30.41 -1.01 0.00	29.25 -0.29 0.00	26.06 -0.38 0.00	25.82 -0.58 -0.38	18.38 -0.37 -2.96	13.63 -0.21 -8.14	15.79 -0.19 -7.29	25.09 -0.34 -10.87	13.64 -0.02 -16.43	11.60 -0.05 -11.62	25.96 -0.18 -1.99	25.24 -0.13 -0.18	22.27 0.06 -0.23
BETHLHEM_115KV_TB1 79974	35.95 0.92 0.00	30.44 0.74 0.00	24.22 0.59 0.00	23.71 0.63 0.00	21.92 0.58 0.00	19.20 0.54 0.00	18.15 0.52 0.00	23.50 0.65 0.00	25.05 0.73 0.00	26.84 0.74 0.00	32.21 0.84 0.00	32.33 0.92 0.00	30.46 0.92 0.00	27.31 0.87 0.00	28.40 0.83 -1.55	28.50 0.50 -12.21	39.44 0.18 -33.56	39.05 0.28 -30.08	59.86 0.47 -44.85	64.92 -0.09 -67.79	47.95 0.00 -47.93	33.17 0.82 -8.20	26.72 0.81 -0.73	23.61 0.69 -0.93
BETHPAGE_CC_5 323564	36.98 1.95 0.00	31.50 1.80 0.00	25.01 1.38 0.00	24.37 1.28 0.00	22.54 1.19 0.00	19.79 1.13 0.00	18.86 1.23 0.00	24.46 1.61 0.00	26.01 1.69 0.00	28.10 1.81 -0.20	33.87 2.07 -0.42	33.52 2.10 0.00	31.54 2.00 0.00	28.26 1.83 0.00	29.12 1.82 -1.28	26.94 1.05 -10.10	33.83 0.37 -27.75	34.10 0.53 -24.88	52.50 0.86 -37.09	53.12 -0.16 -56.06	39.69 0.03 -39.63	32.72 1.78 -6.78	27.69 1.89 -0.60	24.48 1.72 -0.77
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.12 0.09 0.00	29.64 -0.05 0.00	23.57 -0.06 0.00	22.60 -0.48 0.00	20.81 -0.54 0.00	18.20 -0.46 0.00	17.08 -0.54 0.00	22.14 -0.71 0.00	23.30 -1.03 0.00	25.05 -1.05 0.00	30.41 -0.96 0.00	30.53 -0.89 0.00	29.38 -0.16 0.00	26.17 -0.26 0.00	25.92 -0.48 -0.38	18.45 -0.31 -2.98	13.70 -0.19 -8.18	15.87 -0.15 -7.33	25.21 -0.28 -10.94	13.73 -0.03 -16.53	11.67 -0.04 -11.69	26.06 -0.09 -2.00	25.33 -0.04 -0.18	22.36 0.14 -0.23
BINGHAMTON___COGEN 23790	35.65 0.62 0.00	30.15 0.45 0.00	23.97 0.34 0.00	23.29 0.21 0.00	21.50 0.15 0.00	18.82 0.17 0.00	17.77 0.15 0.00	23.10 0.25 0.00	24.50 0.18 0.00	26.25 0.15 0.00	31.52 0.15 0.00	31.54 0.12 0.00	29.89 0.35 0.00	26.73 0.30 0.00	26.84 0.24 -0.57	20.46 0.15 -4.52	18.20 0.06 -12.43	19.92 0.09 -11.15	31.37 0.20 -16.62	22.31 -0.03 -25.12	17.77 -0.01 -17.76	27.60 0.41 -3.04	25.82 0.36 -0.27	22.66 0.33 -0.34
BIXINCNT_115KV_LOAD 355685	35.54 0.51 0.00	30.03 0.33 0.00	23.92 0.29 0.00	22.95 -0.13 0.00	21.04 -0.31 0.00	18.41 -0.25 0.00	17.28 -0.34 0.00	22.40 -0.45 0.00	23.51 -0.82 0.00	25.03 -1.07 0.00	30.12 -1.25 0.00	30.22 -1.20 0.00	29.26 -0.28 0.00	26.12 -0.31 0.00	25.84 -0.57 -0.39	18.43 -0.41 -3.06	13.85 -0.26 -8.41	16.03 -0.20 -7.54	25.44 -0.35 -11.24	14.24 0.02 -16.99	11.99 -0.05 -12.01	25.90 -0.31 -2.06	25.18 -0.20 -0.18	22.31 0.08 -0.23

BLACK RIVER___HYD 24047	35.65 0.62 0.00	30.16 0.46 0.00	24.01 0.38 0.00	23.39 0.30 0.00	21.55 0.20 0.00	18.86 0.21 0.00	17.81 0.19 0.00	23.30 0.45 0.00	24.78 0.46 0.00	26.52 0.43 0.00	31.75 0.38 0.00	31.35 -0.07 0.00	29.20 -0.34 0.00	26.15 -0.28 0.00	25.86 -0.31 -0.15	16.71 -0.25 -1.18	8.82 -0.13 -3.25	11.41 -0.19 -2.91	18.63 -0.26 -4.34	3.83 0.04 -6.56	5.36 0.00 -5.34	26.18 -0.66 -2.68	26.74 -0.46 -2.01	23.50 -0.37 -1.89
BLACKRVR_115KV_TB2 79977	35.65 0.62 0.00	30.16 0.46 0.00	24.01 0.38 0.00	23.39 0.30 0.00	21.55 0.20 0.00	18.86 0.21 0.00	17.81 0.19 0.00	23.30 0.45 0.00	24.78 0.46 0.00	26.52 0.43 0.00	31.75 0.38 0.00	31.35 -0.07 0.00	29.20 -0.34 0.00	26.15 -0.28 0.00	25.86 -0.31 -0.15	16.71 -0.25 -1.18	8.82 -0.13 -3.25	11.41 -0.19 -2.91	18.63 -0.26 -4.34	3.83 0.04 -6.56	5.36 0.00 -5.34	26.18 -0.66 -2.68	26.74 -0.45 -2.01	23.51 -0.37 -1.89
BLISS_WT_PWR 323608	35.50 0.47 0.00	30.00 0.30 0.00	23.90 0.27 0.00	22.93 -0.15 0.00	21.00 -0.35 0.00	18.37 -0.29 0.00	17.24 -0.38 0.00	22.34 -0.51 0.00	23.41 -0.91 0.00	24.87 -1.23 0.00	29.89 -1.48 0.00	29.98 -1.44 0.00	29.09 -0.45 0.00	25.98 -0.45 0.00	25.70 -0.71 -0.39	18.34 -0.50 -3.06	13.81 -0.31 -8.41	15.98 -0.25 -7.54	25.34 -0.45 -11.24	14.26 0.05 -16.99	11.99 -0.05 -12.01	25.72 -0.49 -2.06	25.01 -0.36 -0.18	22.20 -0.02 -0.23
BLUESTONE___WT_PWR 323821	37.02 1.99 0.00	31.28 1.59 0.00	24.87 1.23 0.00	24.13 1.05 0.00	22.00 0.66 0.00	19.23 0.58 0.00	18.05 0.43 0.00	23.20 0.35 0.00	24.58 0.26 0.00	26.43 0.33 0.00	31.65 0.28 0.00	31.42 0.00 0.00	29.47 -0.07 0.00	26.24 -0.19 0.00	26.60 -0.05 -0.63	20.74 -0.03 -4.99	19.41 0.01 -13.70	20.96 -0.01 -12.28	32.71 -0.15 -18.30	24.92 0.03 -27.67	19.57 -0.02 -19.56	27.22 -0.28 -3.35	25.07 -0.42 -0.30	21.96 -0.41 -0.38
BLUE_CIRC_CHEM_DRP 24182	36.27 1.24 0.00	30.72 1.02 0.00	24.45 0.81 0.00	23.92 0.83 0.00	22.11 0.77 0.00	19.36 0.70 0.00	18.31 0.69 0.00	23.71 0.86 0.00	25.27 0.95 0.00	27.07 0.97 0.00	32.49 1.12 0.00	32.61 1.20 0.00	30.72 1.18 0.00	27.53 1.10 0.00	28.60 1.05 -1.53	28.45 0.63 -12.03	38.99 0.22 -33.07	38.69 0.36 -29.64	59.33 0.60 -44.19	63.90 -0.12 -66.79	47.24 0.00 -47.22	33.24 1.01 -8.08	26.92 1.01 -0.72	23.78 0.88 -0.92
BOC_GAS_DRP 24189	35.91 0.88 0.00	30.40 0.71 0.00	24.19 0.56 0.00	23.68 0.60 0.00	21.90 0.55 0.00	19.17 0.51 0.00	18.12 0.50 0.00	23.47 0.62 0.00	25.01 0.69 0.00	26.79 0.69 0.00	32.15 0.78 0.00	32.25 0.83 0.00	30.39 0.85 0.00	27.24 0.81 0.00	28.33 0.77 -1.55	28.44 0.46 -12.20	39.38 0.16 -33.51	38.99 0.26 -30.04	59.76 0.42 -44.78	64.84 -0.08 -67.70	47.88 0.00 -47.86	33.11 0.76 -8.19	26.68 0.76 -0.72	23.58 0.67 -0.93
BOONVILLE_115KV_TB1 79983	35.82 0.79 0.00	30.32 0.63 0.00	24.14 0.50 0.00	23.55 0.47 0.00	21.76 0.41 0.00	19.03 0.38 0.00	18.00 0.38 0.00	23.42 0.57 0.00	24.94 0.62 0.00	26.76 0.67 0.00	32.11 0.74 0.00	31.96 0.54 0.00	29.89 0.35 0.00	26.73 0.30 0.00	26.42 0.31 -0.08	16.60 0.15 -0.66	7.58 0.06 -1.82	10.39 0.07 -1.63	17.13 0.15 -2.43	0.87 -0.03 -3.67	3.03 0.00 -3.00	25.76 0.08 -1.53	26.51 0.17 -1.15	23.21 0.14 -1.08
BORALEX_4TH_BRANCH 23824	36.29 1.25 0.00	30.65 0.95 0.00	24.58 0.95 0.00	24.21 1.12 0.00	22.42 1.07 0.00	19.58 0.92 0.00	18.35 0.73 0.00	23.70 0.85 0.00	25.14 0.82 0.00	26.84 0.74 0.00	32.47 1.10 0.00	32.87 1.46 0.00	30.77 1.23 0.00	27.60 1.17 0.00	28.63 1.08 -1.53	28.49 0.63 -12.08	39.16 0.27 -33.19	38.82 0.39 -29.75	59.47 0.57 -44.35	64.15 -0.11 -67.04	47.41 -0.01 -47.40	33.12 0.86 -8.11	26.83 0.92 -0.72	23.72 0.82 -0.92
BOWLINE___1 23526	36.31 1.28 0.00	30.77 1.07 0.00	24.47 0.84 0.00	23.86 0.77 0.00	22.04 0.69 0.00	19.36 0.71 0.00	18.40 0.78 0.00	23.91 1.06 0.00	25.43 1.10 0.00	27.23 1.13 0.00	32.58 1.20 0.00	32.65 1.24 0.00	30.85 1.32 0.00	27.65 1.22 0.00	28.36 1.16 -1.18	25.79 0.72 -9.29	31.47 0.23 -25.54	31.95 0.37 -22.89	49.30 0.63 -34.12	48.68 -0.13 -51.58	36.49 0.00 -36.47	31.68 1.29 -6.24	27.02 1.28 -0.55	23.82 1.12 -0.71
BOWLINE___2 23595	36.31 1.28 0.00	30.77 1.07 0.00	24.47 0.84 0.00	23.86 0.77 0.00	22.04 0.69 0.00	19.36 0.71 0.00	18.40 0.78 0.00	23.91 1.06 0.00	25.43 1.10 0.00	27.23 1.13 0.00	32.58 1.20 0.00	32.65 1.24 0.00	30.85 1.32 0.00	27.65 1.22 0.00	28.36 1.16 -1.18	25.79 0.72 -9.29	31.47 0.23 -25.54	31.95 0.37 -22.89	49.30 0.63 -34.13	48.68 -0.13 -51.58	36.49 0.00 -36.47	31.68 1.29 -6.24	27.02 1.28 -0.55	23.82 1.12 -0.71
BRADY___115KV_TB2 356060	35.33 0.29 0.00	30.07 0.37 0.00	23.93 0.30 0.00	23.43 0.34 0.00	21.71 0.36 0.00	18.93 0.28 0.00	17.86 0.24 0.00	23.19 0.34 0.00	24.73 0.40 0.00	26.60 0.50 0.00	32.02 0.65 0.00	31.92 0.50 0.00	29.61 0.07 0.00	26.45 0.02 0.00	26.02 -0.02 -0.03	15.96 -0.02 -0.20	6.26 0.00 -0.56	9.16 -0.03 -0.50	15.24 -0.05 -0.74	-1.63 0.03 -1.12	2.13 0.03 -2.08	27.60 -0.15 -3.59	28.72 -0.03 -3.56	25.26 -0.04 -3.31
BRANSCOMB___SOLAR 323811	36.58 1.55 0.00	30.93 1.23 0.00	24.59 0.96 0.00	24.09 1.01 0.00	22.30 0.95 0.00	19.54 0.88 0.00	18.40 0.78 0.00	23.84 0.99 0.00	25.47 1.15 0.00	27.28 1.18 0.00	32.80 1.42 0.00	33.01 1.59 0.00	31.08 1.54 0.00	27.87 1.44 0.00	28.97 1.36 -1.58	29.09 0.82 -12.48	40.32 0.31 -34.31	39.91 0.47 -30.75	61.17 0.78 -45.84	66.37 -0.15 -69.30	49.01 -0.01 -48.99	33.72 1.19 -8.38	27.11 1.18 -0.74	23.96 1.02 -0.95
BRENTWOD_69_KV_W. BRTWOOD 56703	37.31 2.29 0.00	31.83 2.13 0.00	25.26 1.63 0.00	24.60 1.52 0.00	22.76 1.42 0.00	19.99 1.34 0.00	19.07 1.45 0.00	24.71 1.86 0.00	26.28 1.96 0.00	29.86 2.10 -1.66	38.77 2.37 -5.03	33.87 2.45 0.00	31.79 2.25 0.00	28.50 2.07 0.00	29.38 2.07 -1.28	27.09 1.21 -10.10	33.87 0.42 -27.75	34.12 0.55 -24.88	52.58 0.94 -37.09	53.13 -0.15 -56.06	39.71 0.05 -39.63	32.95 2.01 -6.78	27.97 2.18 -0.60	24.75 1.99 -0.77
BRISTLHL_115KV_TB1 79998	34.71 -0.32 0.00	29.38 -0.32 0.00	23.38 -0.25 0.00	22.77 -0.32 0.00	21.03 -0.32 0.00	18.37 -0.28 0.00	17.35 -0.27 0.00	22.52 -0.33 0.00	23.94 -0.39 0.00	25.69 -0.40 0.00	30.91 -0.46 0.00	30.96 -0.46 0.00	29.22 -0.32 0.00	26.14 -0.29 0.00	26.03 -0.23 -0.24	17.52 -0.13 -1.87	10.78 -0.05 -5.13	13.23 -0.06 -4.60	21.31 -0.10 -6.86	7.60 0.01 -10.37	7.35 -0.01 -7.33	25.27 -0.14 -1.26	25.12 -0.18 -0.11	21.96 -0.17 -0.14
BROOKHAVEN___DRP 24191	37.60 2.57 0.00	32.06 2.36 0.00	25.44 1.81 0.00	24.77 1.68 0.00	22.91 1.57 0.00	20.12 1.47 0.00	19.19 1.57 0.00	24.88 2.04 0.00	26.49 2.16 0.00	35.85 2.36 -7.40	58.02 2.70 -23.95	34.17 2.73 -0.02	32.06 2.52 0.00	28.71 2.27 0.00	29.59 2.29 -1.28	27.24 1.36 -10.10	33.94 0.48 -27.75	34.27 0.70 -24.88	52.81 1.17 -37.09	53.07 -0.22 -56.06	39.70 0.04 -39.64	33.19 2.26 -6.78	28.22 2.43 -0.60	24.96 2.20 -0.77

BROOKLYN_NAVY_YARD 23515	36.52 1.49 0.00	30.95 1.25 0.00	24.63 1.00 0.00	24.04 0.96 0.00	22.21 0.86 0.00	19.49 0.83 0.00	18.55 0.93 0.00	24.05 1.21 0.00	25.66 1.33 0.00	27.49 1.39 0.00	32.87 1.50 0.00	32.93 1.52 0.00	31.15 1.61 0.00	27.92 1.49 0.00	28.72 1.42 -1.28	26.76 0.87 -10.10	33.75 0.29 -27.75	33.99 0.42 -24.87	52.34 0.71 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.36 1.43 -6.78	27.26 1.46 -0.60	24.04 1.28 -0.77
BROOKLYN___ARMY_DRP 323595	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
BROOKVLE_69_KV_TB1 55790	36.93 1.90 0.00	31.37 1.67 0.00	24.93 1.30 0.00	24.31 1.22 0.00	22.47 1.12 0.00	19.73 1.07 0.00	18.77 1.15 0.00	24.36 1.51 0.00	25.92 1.60 0.00	27.80 1.71 0.00	33.33 1.96 0.00	33.40 1.98 0.00	31.48 1.94 0.00	28.21 1.78 0.00	29.03 1.73 -1.28	26.91 1.02 -10.10	33.82 0.36 -27.75	34.09 0.53 -24.88	52.51 0.87 -37.09	53.12 -0.17 -56.06	39.68 0.02 -39.63	32.66 1.72 -6.78	27.59 1.80 -0.60	24.36 1.60 -0.77
BROOME_2_LFGE 323671	35.65 0.62 0.00	30.15 0.45 0.00	23.97 0.34 0.00	23.29 0.21 0.00	21.50 0.15 0.00	18.83 0.17 0.00	17.77 0.15 0.00	23.10 0.25 0.00	24.51 0.18 0.00	26.25 0.15 0.00	31.52 0.15 0.00	31.54 0.12 0.00	29.89 0.35 0.00	26.73 0.30 0.00	26.84 0.24 -0.57	20.46 0.15 -4.52	18.20 0.06 -12.43	19.92 0.09 -11.15	31.37 0.20 -16.62	22.31 -0.03 -25.12	17.77 -0.01 -17.76	27.59 0.40 -3.04	25.82 0.36 -0.27	22.66 0.33 -0.34
BROOME___LFGE 323600	35.65 0.62 0.00	30.15 0.45 0.00	23.97 0.34 0.00	23.29 0.21 0.00	21.50 0.15 0.00	18.83 0.17 0.00	17.77 0.15 0.00	23.10 0.25 0.00	24.51 0.18 0.00	26.25 0.15 0.00	31.52 0.15 0.00	31.54 0.12 0.00	29.89 0.35 0.00	26.73 0.30 0.00	26.84 0.24 -0.57	20.46 0.15 -4.52	18.20 0.06 -12.43	19.92 0.09 -11.15	31.37 0.20 -16.62	22.31 -0.03 -25.12	17.77 -0.01 -17.76	27.59 0.40 -3.04	25.82 0.36 -0.27	22.66 0.33 -0.34
BROWNFLS_115KV_TB_3_5 80003	35.14 0.11 0.00	29.87 0.17 0.00	23.78 0.15 0.00	23.23 0.15 0.00	21.47 0.13 0.00	18.76 0.11 0.00	17.71 0.08 0.00	23.06 0.21 0.00	24.57 0.25 0.00	26.37 0.28 0.00	31.66 0.29 0.00	31.35 -0.07 0.00	29.02 -0.52 0.00	25.94 -0.49 0.00	25.59 -0.51 -0.07	15.99 -0.37 -0.58	7.14 -0.15 -1.59	9.85 -0.26 -1.42	16.25 -0.42 -2.12	0.52 0.09 -3.20	4.10 0.03 -4.05	28.58 -0.75 -5.18	29.59 -0.55 -4.95	26.13 -0.47 -4.61
BROWNSV1_27_KV_LOAD 356125	36.93 1.90 0.00	31.28 1.58 0.00	24.89 1.26 0.00	24.28 1.19 0.00	22.43 1.08 0.00	19.68 1.02 0.00	18.72 1.09 0.00	24.28 1.43 0.00	25.90 1.57 0.00	27.76 1.66 0.00	33.22 1.84 0.00	33.28 1.86 0.00	31.49 1.95 0.00	28.23 1.79 0.00	29.02 1.72 -1.28	26.93 1.05 -10.10	33.81 0.36 -27.75	34.10 0.53 -24.87	52.52 0.88 -37.08	53.11 -0.17 -56.05	39.65 0.00 -39.63	32.65 1.72 -6.78	27.55 1.76 -0.60	24.29 1.53 -0.77
BURROWS___LYONSDAL 23803	35.75 0.71 0.00	30.27 0.57 0.00	24.09 0.46 0.00	23.51 0.42 0.00	21.70 0.36 0.00	18.99 0.33 0.00	17.94 0.33 0.00	23.37 0.52 0.00	24.89 0.57 0.00	26.69 0.59 0.00	32.01 0.64 0.00	31.78 0.37 0.00	29.68 0.14 0.00	26.54 0.11 0.00	26.24 0.13 -0.09	16.50 0.02 -0.69	7.61 0.00 -1.90	10.38 -0.02 -1.71	17.10 0.01 -2.55	1.07 0.00 -3.85	3.27 0.00 -3.24	25.85 -0.17 -1.87	26.64 -0.03 -1.47	23.35 -0.02 -1.39
CAITHNESS_CC_1 323624	37.50 2.47 0.00	31.98 2.28 0.00	25.38 1.74 0.00	24.71 1.62 0.00	22.86 1.51 0.00	20.07 1.42 0.00	19.15 1.52 0.00	24.82 1.97 0.00	26.41 2.09 0.00	35.76 2.27 -7.40	57.76 2.58 -23.81	34.07 2.63 -0.02	31.97 2.43 0.00	28.62 2.19 0.00	29.51 2.21 -1.28	27.19 1.30 -10.10	33.92 0.46 -27.75	34.23 0.66 -24.88	52.75 1.11 -37.09	53.08 -0.20 -56.06	39.70 0.04 -39.64	33.11 2.17 -6.78	28.14 2.35 -0.60	24.89 2.13 -0.77
CALPINE BETH_PAGE_GT4 24209	36.97 1.94 0.00	31.48 1.78 0.00	25.00 1.36 0.00	24.35 1.27 0.00	22.53 1.18 0.00	19.78 1.13 0.00	18.85 1.23 0.00	24.45 1.60 0.00	26.00 1.67 0.00	28.04 1.80 -0.15	33.75 2.06 -0.32	33.51 2.09 0.00	31.53 1.99 0.00	28.26 1.83 0.00	29.11 1.81 -1.28	26.93 1.04 -10.10	33.83 0.37 -27.75	34.10 0.53 -24.88	52.47 0.83 -37.09	53.13 -0.15 -56.06	39.69 0.03 -39.63	32.70 1.77 -6.78	27.67 1.88 -0.60	24.46 1.71 -0.77
CALPINE_BETH_PAGE_GT_4 323586	36.96 1.94 0.00	31.48 1.78 0.00	24.99 1.36 0.00	24.35 1.27 0.00	22.53 1.18 0.00	19.78 1.13 0.00	18.85 1.23 0.00	24.45 1.60 0.00	25.99 1.67 0.00	28.04 1.80 -0.15	33.75 2.06 -0.32	33.51 2.09 0.00	31.53 1.99 0.00	28.26 1.82 0.00	29.11 1.81 -1.28	26.93 1.04 -10.10	33.83 0.37 -27.75	34.10 0.53 -24.88	52.47 0.83 -37.09	53.13 -0.15 -56.06	39.69 0.03 -39.63	32.71 1.78 -6.78	27.67 1.88 -0.60	24.46 1.71 -0.77
CALPINE_BP_GT1 23823	36.96 1.94 0.00	31.48 1.78 0.00	24.99 1.36 0.00	24.35 1.27 0.00	22.53 1.18 0.00	19.78 1.13 0.00	18.85 1.23 0.00	24.45 1.60 0.00	25.99 1.67 0.00	28.04 1.80 -0.15	33.75 2.06 -0.32	33.51 2.09 0.00	31.53 1.99 0.00	28.26 1.82 0.00	29.11 1.81 -1.28	26.93 1.04 -10.10	33.83 0.37 -27.75	34.10 0.53 -24.88	52.47 0.83 -37.09	53.13 -0.15 -56.06	39.69 0.03 -39.63	32.71 1.78 -6.78	27.67 1.88 -0.60	24.46 1.71 -0.77
CALSPAN___DRP 24200	34.98 -0.05 0.00	29.53 -0.17 0.00	23.48 -0.15 0.00	22.51 -0.57 0.00	20.73 -0.62 0.00	18.12 -0.53 0.00	17.01 -0.61 0.00	22.05 -0.80 0.00	23.19 -1.14 0.00	24.94 -1.16 0.00	30.28 -1.09 0.00	30.41 -1.01 0.00	29.25 -0.29 0.00	26.06 -0.38 0.00	25.82 -0.58 -0.38	18.38 -0.37 -2.96	13.63 -0.21 -8.14	15.79 -0.19 -7.29	25.09 -0.34 -10.87	13.64 -0.02 -16.43	11.60 -0.05 -11.62	25.96 -0.18 -1.99	25.24 -0.13 -0.18	22.27 0.06 -0.23
CALVERTON___SOLAR 323806	37.73 2.70 0.00	32.17 2.47 0.00	25.52 1.88 0.00	24.84 1.75 0.00	22.98 1.63 0.00	20.18 1.53 0.00	19.25 1.63 0.00	24.96 2.11 0.00	26.58 2.26 0.00	35.96 2.46 -7.40	58.20 2.82 -24.01	34.29 2.86 -0.02	32.17 2.63 0.00	28.79 2.36 0.00	29.68 2.38 -1.28	27.31 1.43 -10.10	33.96 0.51 -27.75	34.31 0.74 -24.88	52.88 1.24 -37.09	53.06 -0.23 -56.06	39.70 0.04 -39.64	33.29 2.36 -6.78	28.33 2.53 -0.60	25.04 2.28 -0.77
CANDIGU_WT_PWR 323617	35.23 0.20 0.00	29.87 0.17 0.00	23.73 0.09 0.00	22.84 -0.24 0.00	21.00 -0.34 0.00	18.37 -0.28 0.00	17.27 -0.35 0.00	22.36 -0.49 0.00	23.51 -0.81 0.00	25.23 -0.86 0.00	30.22 -1.16 0.00	30.13 -1.28 0.00	28.86 -0.68 0.00	25.66 -0.77 0.00	25.59 -0.87 -0.45	18.79 -0.51 -3.52	15.16 -0.21 -9.66	17.05 -0.30 -8.66	27.04 -0.43 -12.91	16.82 0.08 -19.52	13.80 -0.02 -13.80	25.90 -0.61 -2.36	24.72 -0.68 -0.21	21.80 -0.46 -0.27

CARR STREET_E_SYR 24060	34.97 -0.06 0.00	29.58 -0.11 0.00	23.54 -0.10 0.00	22.91 -0.17 0.00	21.16 -0.19 0.00	18.50 -0.15 0.00	17.47 -0.15 0.00	22.67 -0.18 0.00	24.10 -0.22 0.00	25.85 -0.25 0.00	31.09 -0.28 0.00	31.13 -0.28 0.00	29.43 -0.11 0.00	26.34 -0.09 0.00	26.24 -0.06 -0.27	17.91 -0.02 -2.16	11.61 -0.01 -5.92	13.99 -0.01 -5.31	22.46 0.00 -7.91	9.17 -0.01 -11.96	8.47 -0.01 -8.45	25.63 0.03 -1.45	25.31 -0.01 -0.13	22.14 -0.01 -0.16
CARTHAGE___PAPER 23857	35.72 0.69 0.00	30.25 0.55 0.00	24.09 0.46 0.00	23.49 0.40 0.00	21.66 0.31 0.00	18.95 0.30 0.00	17.89 0.27 0.00	23.38 0.53 0.00	24.90 0.58 0.00	26.67 0.57 0.00	31.93 0.56 0.00	31.51 0.10 0.00	29.32 -0.22 0.00	26.23 -0.20 0.00	25.94 -0.22 -0.13	16.62 -0.20 -1.05	8.48 -0.09 -2.87	11.10 -0.16 -2.57	18.17 -0.21 -3.83	3.06 0.04 -5.79	4.95 0.01 -4.92	26.47 -0.59 -2.90	27.14 -0.36 -2.32	23.87 -0.30 -2.18
CASSADAGA_WT_PWR 323784	35.88 0.85 0.00	30.24 0.54 0.00	23.96 0.33 0.00	22.79 -0.30 0.00	20.81 -0.53 0.00	18.27 -0.39 0.00	17.16 -0.46 0.00	22.29 -0.56 0.00	23.37 -0.95 0.00	25.11 -0.99 0.00	30.57 -0.80 0.00	30.77 -0.65 0.00	29.28 -0.26 0.00	25.93 -0.50 0.00	25.64 -0.76 -0.39	18.38 -0.46 -3.06	13.94 -0.16 -8.40	16.01 -0.20 -7.53	25.43 -0.34 -11.22	14.21 0.02 -16.97	12.01 -0.01 -12.00	26.20 0.00 -2.05	25.34 -0.04 -0.18	22.57 0.35 -0.23
CE_DUNWOOD___DRP 24194	36.51 1.48 0.00	30.94 1.24 0.00	24.61 0.98 0.00	24.02 0.93 0.00	22.20 0.85 0.00	19.48 0.82 0.00	18.51 0.88 0.00	23.99 1.14 0.00	25.56 1.24 0.00	27.39 1.29 0.00	32.79 1.42 0.00	32.86 1.45 0.00	31.05 1.51 0.00	27.83 1.40 0.00	28.64 1.34 -1.28	26.68 0.82 -10.08	33.69 0.28 -27.71	33.95 0.42 -24.84	52.28 0.70 -37.03	53.06 -0.14 -55.98	39.60 0.00 -39.58	32.31 1.39 -6.77	27.20 1.41 -0.60	23.99 1.24 -0.77
CE_MILLWOOD___DRP 24193	36.46 1.43 0.00	30.89 1.19 0.00	24.58 0.95 0.00	23.99 0.90 0.00	22.17 0.82 0.00	19.46 0.80 0.00	18.48 0.86 0.00	23.96 1.11 0.00	25.52 1.20 0.00	27.34 1.24 0.00	32.74 1.37 0.00	32.81 1.40 0.00	31.00 1.46 0.00	27.79 1.36 0.00	28.59 1.29 -1.27	26.60 0.79 -10.03	33.54 0.27 -27.56	33.80 0.40 -24.71	52.06 0.68 -36.84	52.77 -0.13 -55.68	39.39 0.00 -39.37	32.24 1.35 -6.74	27.16 1.37 -0.60	23.96 1.20 -0.76
CE_NYC2_DRP 24202	36.47 1.44 0.00	30.94 1.24 0.00	24.61 0.98 0.00	24.01 0.93 0.00	22.20 0.85 0.00	19.48 0.82 0.00	18.53 0.90 0.00	24.01 1.16 0.00	25.63 1.30 0.00	27.47 1.37 0.00	32.85 1.48 0.00	32.90 1.49 0.00	31.13 1.59 0.00	27.91 1.48 0.00	28.70 1.39 -1.28	26.74 0.86 -10.10	33.75 0.30 -27.75	33.99 0.43 -24.87	52.32 0.69 -37.08	53.14 -0.13 -56.06	39.66 0.01 -39.63	32.37 1.44 -6.78	27.27 1.48 -0.60	24.04 1.28 -0.77
CE_NYC_DRP 24195	36.66 1.63 0.00	31.07 1.37 0.00	24.73 1.10 0.00	24.13 1.04 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.59 0.97 0.00	24.11 1.26 0.00	25.71 1.39 0.00	27.56 1.46 0.00	32.96 1.59 0.00	33.02 1.60 0.00	31.24 1.70 0.00	28.00 1.57 0.00	28.80 1.49 -1.28	26.80 0.92 -10.10	33.76 0.31 -27.75	34.02 0.46 -24.87	52.39 0.76 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.45 1.51 -6.78	27.34 1.55 -0.60	24.11 1.36 -0.77
CHAFFEE___LFGE 323603	35.02 -0.01 0.00	29.56 -0.14 0.00	23.51 -0.12 0.00	22.54 -0.55 0.00	20.76 -0.58 0.00	18.16 -0.50 0.00	17.05 -0.57 0.00	22.11 -0.74 0.00	23.28 -1.04 0.00	25.05 -1.05 0.00	30.41 -0.96 0.00	30.53 -0.89 0.00	29.37 -0.17 0.00	26.18 -0.25 0.00	25.94 -0.46 -0.38	18.50 -0.30 -3.01	13.79 -0.19 -8.27	15.96 -0.15 -7.41	25.35 -0.26 -11.06	13.91 -0.03 -16.71	11.80 -0.04 -11.81	26.12 -0.06 -2.02	25.35 -0.03 -0.18	22.34 0.12 -0.23
CHATEAUG_35_KV_LOAD 355732	35.00 -0.03 0.00	30.48 0.78 0.00	24.32 0.69 0.00	23.88 0.80 0.00	22.14 0.80 0.00	19.37 0.72 0.00	18.25 0.63 0.00	23.65 0.79 0.00	25.27 0.95 0.00	27.17 1.07 0.00	32.70 1.33 0.00	32.64 1.23 0.00	30.25 0.72 0.00	26.87 0.44 0.00	26.17 0.14 0.00	15.75 -0.03 0.00	5.67 -0.03 0.00	8.58 -0.11 0.00	14.23 -0.32 0.00	-2.65 0.12 0.00	-17.53 0.03 17.58	-24.12 -1.10 47.18	-24.23 -1.09 48.34	-24.00 -1.01 44.97
CHATEAUG_WT_PWR 323614	34.94 -0.09 0.00	30.47 0.78 0.00	24.32 0.69 0.00	23.89 0.81 0.00	22.15 0.80 0.00	19.38 0.73 0.00	18.25 0.63 0.00	23.64 0.79 0.00	25.27 0.95 0.00	27.15 1.05 0.00	32.67 1.30 0.00	32.62 1.21 0.00	30.23 0.69 0.00	26.86 0.43 0.00	26.15 0.13 0.00	15.73 -0.06 0.00	5.66 -0.05 0.00	8.55 -0.13 0.00	14.18 -0.37 0.00	-2.64 0.13 0.00	-16.34 0.02 16.39	-21.08 -1.26 43.97	-21.10 -1.24 45.05	-21.07 -1.14 41.92
CHAT_HIGH_FALL_HYD 323578	35.00 -0.03 0.00	30.48 0.78 0.00	24.32 0.69 0.00	23.88 0.80 0.00	22.14 0.80 0.00	19.37 0.71 0.00	18.25 0.63 0.00	23.65 0.79 0.00	25.27 0.95 0.00	27.17 1.07 0.00	32.70 1.33 0.00	32.64 1.23 0.00	30.25 0.71 0.00	26.87 0.44 0.00	26.17 0.14 0.00	15.75 -0.03 0.00	5.67 -0.03 0.00	8.58 -0.11 0.00	14.23 -0.32 0.00	-2.65 0.12 0.00	-17.53 0.03 17.58	-24.13 -1.11 47.18	-24.24 -1.09 48.34	-24.00 -1.02 44.97
CHAUTAUQUA___LFGE 323629	35.44 0.41 0.00	29.87 0.17 0.00	23.71 0.08 0.00	22.66 -0.43 0.00	20.82 -0.52 0.00	18.24 -0.42 0.00	17.12 -0.50 0.00	22.27 -0.57 0.00	23.41 -0.92 0.00	25.13 -0.96 0.00	30.50 -0.87 0.00	30.65 -0.77 0.00	29.37 -0.17 0.00	26.11 -0.33 0.00	25.84 -0.56 -0.38	18.47 -0.34 -3.03	13.87 -0.16 -8.32	15.99 -0.16 -7.46	25.42 -0.25 -11.12	14.03 -0.01 -16.81	11.88 -0.03 -11.89	26.18 -0.01 -2.03	25.35 -0.02 -0.18	22.45 0.24 -0.23
CHERRYST_13_KV_LD 356241	36.75 1.72 0.00	31.15 1.45 0.00	24.79 1.16 0.00	24.18 1.10 0.00	22.34 0.99 0.00	19.59 0.94 0.00	18.63 1.01 0.00	24.17 1.32 0.00	25.78 1.46 0.00	27.62 1.53 0.00	33.06 1.68 0.00	33.10 1.69 0.00	31.32 1.78 0.00	28.07 1.64 0.00	28.87 1.57 -1.28	26.84 0.96 -10.10	33.78 0.33 -27.75	34.05 0.48 -24.87	52.43 0.80 -37.08	53.12 -0.16 -56.05	39.65 0.00 -39.63	32.51 1.58 -6.78	27.41 1.62 -0.60	24.17 1.41 -0.77
CHESTROR_138KV_BK263 355645	36.29 1.26 0.00	30.74 1.04 0.00	24.45 0.81 0.00	23.85 0.77 0.00	22.04 0.69 0.00	19.34 0.69 0.00	18.37 0.75 0.00	23.97 1.13 0.00	25.52 1.20 0.00	27.34 1.24 0.00	32.74 1.37 0.00	32.81 1.40 0.00	30.99 1.45 0.00	27.75 1.32 0.00	28.45 1.26 -1.17	25.78 0.78 -9.22	31.30 0.26 -25.34	31.82 0.42 -22.71	49.11 0.70 -33.86	48.26 -0.14 -51.18	36.20 0.00 -36.18	31.73 1.39 -6.19	27.11 1.37 -0.55	23.89 1.20 -0.70
CH_MIDHUDSON___DRP 24192	36.44 1.41 0.00	30.85 1.15 0.00	24.55 0.92 0.00	23.98 0.90 0.00	22.17 0.83 0.00	19.46 0.80 0.00	18.46 0.84 0.00	23.91 1.06 0.00	25.49 1.16 0.00	27.29 1.20 0.00	32.73 1.35 0.00	32.81 1.40 0.00	30.96 1.43 0.00	27.74 1.31 0.00	28.57 1.25 -1.29	26.73 0.77 -10.18	33.95 0.27 -27.98	34.17 0.41 -25.08	52.62 0.69 -37.38	53.60 -0.14 -56.51	39.97 0.00 -39.95	32.29 1.30 -6.84	27.11 1.31 -0.60	23.91 1.15 -0.78

CH_MISC_IPPS 23765	36.65 1.62 0.00	31.02 1.33 0.00	24.69 1.05 0.00	24.10 1.01 0.00	22.27 0.93 0.00	19.55 0.89 0.00	18.56 0.94 0.00	24.07 1.22 0.00	25.65 1.33 0.00	27.48 1.38 0.00	32.94 1.57 0.00	33.03 1.61 0.00	31.17 1.63 0.00	27.92 1.49 0.00	28.72 1.43 -1.26	26.63 0.88 -9.97	33.39 0.31 -27.38	33.70 0.47 -24.54	51.93 0.79 -36.59	52.38 -0.16 -55.31	39.13 0.00 -39.11	32.33 1.49 -6.69	27.27 1.49 -0.59	24.04 1.30 -0.76
CH_RES_BVR_FALLS 23983	34.81 -0.21 0.00	29.57 -0.12 0.00	23.54 -0.09 0.00	23.03 -0.06 0.00	21.32 -0.03 0.00	18.61 -0.05 0.00	17.55 -0.07 0.00	22.76 -0.09 0.00	24.25 -0.08 0.00	26.04 -0.05 0.00	31.29 -0.08 0.00	31.26 -0.16 0.00	29.24 -0.30 0.00	26.14 -0.30 0.00	25.72 -0.30 0.00	15.60 -0.18 0.00	5.60 -0.11 0.00	8.49 -0.20 0.00	14.21 -0.34 0.00	-2.70 0.08 0.00	0.03 0.01 0.00	23.42 -0.74 0.00	24.58 -0.61 0.00	21.51 -0.47 0.00
CH_RES_NIAGARA 23895	33.57 -1.46 0.00	28.35 -1.35 0.00	22.57 -1.06 0.00	21.65 -1.44 0.00	19.95 -1.40 0.00	17.41 -1.25 0.00	16.32 -1.30 0.00	21.08 -1.77 0.00	22.17 -2.16 0.00	23.90 -2.20 0.00	29.12 -2.25 0.00	29.30 -2.12 0.00	28.22 -1.32 0.00	25.20 -1.23 0.00	25.08 -1.31 -0.36	17.82 -0.81 -2.85	13.17 -0.36 -7.83	15.24 -0.47 -7.02	24.20 -0.81 -10.47	13.12 0.08 -15.82	11.19 -0.01 -11.18	25.15 -0.91 -1.91	24.52 -0.84 -0.17	21.69 -0.52 -0.22
CH_RES_SYRACUSE 23985	35.28 0.25 0.00	29.82 0.12 0.00	23.73 0.10 0.00	23.10 0.02 0.00	21.34 -0.01 0.00	18.67 0.01 0.00	17.63 0.01 0.00	22.87 0.02 0.00	24.30 -0.02 0.00	26.06 -0.03 0.00	31.34 -0.04 0.00	31.37 -0.04 0.00	29.65 0.11 0.00	26.55 0.12 0.00	26.47 0.16 -0.29	18.20 0.11 -2.30	12.06 0.03 -6.33	14.43 0.07 -5.67	23.14 0.13 -8.46	9.98 -0.03 -12.79	9.05 -0.01 -9.04	25.94 0.24 -1.55	25.52 0.19 -0.14	22.32 0.16 -0.18
CLINTON_WT_PWR 323605	34.94 -0.09 0.00	30.47 0.78 0.00	24.32 0.69 0.00	23.89 0.81 0.00	22.15 0.80 0.00	19.38 0.73 0.00	18.25 0.63 0.00	23.64 0.79 0.00	25.27 0.95 0.00	27.15 1.05 0.00	32.67 1.30 0.00	32.62 1.21 0.00	30.23 0.69 0.00	26.86 0.43 0.00	26.15 0.13 0.00	15.73 -0.06 0.00	5.66 -0.05 0.00	8.55 -0.13 0.00	14.18 -0.37 0.00	-2.64 0.13 0.00	-16.34 0.02 16.39	-21.08 -1.26 43.97	-21.10 -1.24 45.05	-21.07 -1.14 41.92
CLINTON__LFGE 323618	35.35 0.32 0.00	30.78 1.08 0.00	24.57 0.94 0.00	24.15 1.06 0.00	22.38 1.04 0.00	19.62 0.96 0.00	18.47 0.85 0.00	23.93 1.08 0.00	25.61 1.29 0.00	27.53 1.43 0.00	33.12 1.75 0.00	33.06 1.64 0.00	30.65 1.11 0.00	27.24 0.80 0.00	26.52 0.50 0.00	15.95 0.17 0.00	5.74 0.04 0.00	8.68 -0.01 0.00	14.39 -0.16 0.00	-2.68 0.09 0.00	-16.65 0.02 16.70	-21.63 -0.97 44.81	-21.67 -0.95 45.91	-21.61 -0.88 42.72
COBBLENY_34_KV_TB1 80064	35.02 -0.01 0.00	29.55 -0.14 0.00	23.51 -0.12 0.00	22.54 -0.54 0.00	20.76 -0.58 0.00	18.16 -0.50 0.00	17.04 -0.58 0.00	22.10 -0.74 0.00	23.27 -1.05 0.00	25.04 -1.05 0.00	30.41 -0.96 0.00	30.53 -0.89 0.00	29.38 -0.16 0.00	26.18 -0.25 0.00	25.94 -0.46 -0.38	18.49 -0.30 -3.01	13.79 -0.19 -8.27	15.96 -0.14 -7.41	25.35 -0.26 -11.06	13.91 -0.03 -16.71	11.80 -0.04 -11.81	26.10 -0.08 -2.02	25.35 -0.03 -0.18	22.34 0.12 -0.23
COFFEEN__115KV_TB3 355620	35.83 0.80 0.00	30.30 0.60 0.00	24.12 0.49 0.00	23.48 0.40 0.00	21.64 0.29 0.00	18.95 0.30 0.00	17.89 0.27 0.00	23.42 0.57 0.00	24.92 0.60 0.00	26.67 0.58 0.00	31.94 0.57 0.00	31.54 0.13 0.00	29.40 -0.14 0.00	26.34 -0.09 0.00	26.05 -0.12 -0.15	16.86 -0.13 -1.21	8.94 -0.08 -3.32	11.55 -0.11 -2.97	18.85 -0.13 -4.43	3.94 0.02 -6.70	5.44 0.00 -5.42	26.35 -0.45 -2.64	26.88 -0.27 -1.95	23.60 -0.22 -1.84
COLDSPRG_115KV_BK1 355956	36.40 1.37 0.00	30.73 1.03 0.00	24.38 0.74 0.00	23.32 0.23 0.00	21.41 0.06 0.00	18.80 0.14 0.00	17.69 0.07 0.00	23.02 0.18 0.00	24.24 -0.09 0.00	26.02 -0.08 0.00	31.52 0.14 0.00	31.60 0.19 0.00	30.23 0.70 0.00	26.87 0.44 0.00	26.59 0.17 -0.39	18.98 0.10 -3.10	14.23 0.00 -8.52	16.42 0.09 -7.64	26.12 0.19 -11.39	14.34 -0.09 -17.21	12.17 -0.03 -12.17	26.97 0.73 -2.08	26.11 0.74 -0.18	23.06 0.84 -0.24
COLONIE_LFGE__ 323577	36.19 1.17 0.00	30.62 0.92 0.00	24.39 0.76 0.00	23.91 0.82 0.00	22.11 0.77 0.00	19.36 0.70 0.00	18.26 0.64 0.00	23.64 0.79 0.00	25.20 0.88 0.00	26.98 0.88 0.00	32.44 1.07 0.00	32.62 1.20 0.00	30.69 1.15 0.00	27.51 1.08 0.00	28.63 1.03 -1.57	28.79 0.62 -12.39	39.97 0.23 -34.03	39.56 0.36 -30.51	60.62 0.59 -45.48	65.86 -0.12 -68.75	48.63 0.00 -48.61	33.43 0.97 -8.31	26.87 0.94 -0.74	23.75 0.82 -0.94
COOPERNY_115KV_TB1 80082	36.04 1.01 0.00	30.53 0.83 0.00	24.28 0.65 0.00	23.70 0.61 0.00	21.89 0.54 0.00	19.19 0.54 0.00	18.19 0.57 0.00	23.61 0.76 0.00	25.12 0.80 0.00	26.92 0.82 0.00	32.26 0.89 0.00	32.32 0.91 0.00	30.52 0.98 0.00	27.34 0.90 0.00	27.79 0.86 -0.91	23.49 0.53 -7.18	25.60 0.17 -19.72	26.65 0.28 -17.68	41.38 0.48 -26.36	36.97 -0.10 -39.84	28.19 0.00 -28.17	29.93 0.95 -4.82	26.56 0.94 -0.43	23.36 0.82 -0.55
COPENHAGEN_WT_PWR 323753	35.52 0.49 0.00	30.06 0.36 0.00	23.94 0.31 0.00	23.31 0.23 0.00	21.46 0.12 0.00	18.78 0.13 0.00	17.72 0.10 0.00	23.20 0.35 0.00	24.66 0.33 0.00	26.37 0.27 0.00	31.55 0.18 0.00	31.10 -0.32 0.00	28.95 -0.59 0.00	25.93 -0.50 0.00	25.63 -0.55 -0.16	16.65 -0.39 -1.25	8.94 -0.20 -3.44	11.49 -0.28 -3.08	18.72 -0.42 -4.59	4.24 0.08 -6.94	5.57 0.00 -5.55	25.80 -0.93 -2.58	26.35 -0.69 -1.85	23.19 -0.55 -1.75
CORNELL____ 23752	36.01 0.98 0.00	30.46 0.77 0.00	24.22 0.59 0.00	23.54 0.46 0.00	21.73 0.38 0.00	19.01 0.36 0.00	17.97 0.35 0.00	23.34 0.49 0.00	24.80 0.48 0.00	26.58 0.48 0.00	31.90 0.53 0.00	31.87 0.46 0.00	30.13 0.59 0.00	26.96 0.52 0.00	27.06 0.59 -0.45	19.71 0.39 -3.54	15.56 0.14 -9.72	17.63 0.23 -8.71	27.96 0.42 -12.98	16.77 -0.08 -19.63	13.89 -0.01 -13.87	27.20 0.68 -2.37	26.02 0.62 -0.21	22.78 0.53 -0.27
CORONAAV_69_KV_TB1 355595	36.95 1.92 0.00	31.42 1.72 0.00	24.95 1.32 0.00	24.31 1.23 0.00	22.47 1.13 0.00	19.74 1.08 0.00	18.80 1.18 0.00	24.39 1.54 0.00	25.93 1.60 0.00	27.79 1.70 0.00	33.35 1.98 0.00	33.41 1.99 0.00	31.48 1.94 0.00	28.22 1.78 0.00	29.05 1.75 -1.28	26.91 1.03 -10.10	33.82 0.36 -27.75	34.10 0.53 -24.88	52.53 0.89 -37.09	53.12 -0.17 -56.06	39.69 0.03 -39.63	32.67 1.74 -6.78	27.61 1.82 -0.60	24.40 1.65 -0.77
CORTLAND_115KV_TB3 80093	35.68 0.65 0.00	30.18 0.48 0.00	24.00 0.36 0.00	23.34 0.26 0.00	21.54 0.19 0.00	18.85 0.19 0.00	17.81 0.19 0.00	23.14 0.29 0.00	24.57 0.25 0.00	26.31 0.22 0.00	31.59 0.22 0.00	31.59 0.17 0.00	29.96 0.42 0.00	26.83 0.40 0.00	26.82 0.42 -0.38	19.05 0.27 -2.99	14.02 0.10 -8.22	16.22 0.16 -7.37	25.83 0.30 -10.98	13.77 -0.06 -16.60	11.75 -0.01 -11.74	26.65 0.49 -2.01	25.81 0.45 -0.18	22.59 0.38 -0.23

COXSACKIE___GT 23611	37.51 2.48 0.00	31.72 2.02 0.00	25.23 1.60 0.00	24.68 1.60 0.00	22.82 1.48 0.00	20.01 1.35 0.00	18.96 1.34 0.00	24.62 1.78 0.00	26.34 2.01 0.00	28.24 2.14 0.00	33.94 2.57 0.00	34.09 2.67 0.00	32.03 2.50 0.00	28.62 2.19 0.00	29.50 2.00 -1.47	28.63 1.27 -11.57	38.01 0.50 -31.80	37.92 0.73 -28.51	58.35 1.30 -42.50	61.21 -0.26 -64.24	45.44 0.00 -45.42	34.02 2.10 -7.77	27.95 2.07 -0.69	24.58 1.71 -0.88
CPV_VALLEY___CC1 323721	36.18 1.15 0.00	30.65 0.95 0.00	24.38 0.75 0.00	23.79 0.70 0.00	21.98 0.63 0.00	19.28 0.63 0.00	18.30 0.68 0.00	23.75 0.90 0.00	25.27 0.95 0.00	27.07 0.97 0.00	32.42 1.05 0.00	32.49 1.08 0.00	30.69 1.15 0.00	27.50 1.06 0.00	28.10 1.01 -1.06	24.79 0.63 -8.38	28.95 0.21 -23.03	29.66 0.32 -20.65	45.89 0.55 -30.78	43.64 -0.11 -46.53	32.92 0.00 -32.89	30.89 1.11 -5.63	26.79 1.10 -0.50	23.60 0.97 -0.64
CPV_VALLEY___CC2 323722	36.18 1.15 0.00	30.65 0.95 0.00	24.38 0.75 0.00	23.79 0.70 0.00	21.98 0.63 0.00	19.28 0.63 0.00	18.30 0.68 0.00	23.75 0.90 0.00	25.27 0.95 0.00	27.07 0.97 0.00	32.42 1.05 0.00	32.49 1.08 0.00	30.69 1.15 0.00	27.50 1.06 0.00	28.10 1.01 -1.06	24.79 0.63 -8.38	28.95 0.21 -23.03	29.66 0.32 -20.65	45.89 0.55 -30.78	43.64 -0.11 -46.53	32.92 0.00 -32.89	30.89 1.11 -5.63	26.79 1.10 -0.50	23.60 0.97 -0.64
CRESCENT___HYD 24018	36.19 1.17 0.00	30.62 0.92 0.00	24.39 0.76 0.00	23.91 0.82 0.00	22.11 0.77 0.00	19.36 0.70 0.00	18.26 0.64 0.00	23.64 0.79 0.00	25.20 0.88 0.00	26.98 0.88 0.00	32.44 1.07 0.00	32.62 1.20 0.00	30.69 1.15 0.00	27.51 1.08 0.00	28.63 1.03 -1.57	28.79 0.62 -12.39	39.97 0.23 -34.03	39.56 0.36 -30.51	60.62 0.59 -45.48	65.86 -0.12 -68.75	48.63 0.00 -48.61	33.43 0.97 -8.31	26.87 0.94 -0.74	23.75 0.82 -0.94
CRICKET___VALLEY_CC1 323756	35.95 0.92 0.00	30.44 0.74 0.00	24.24 0.61 0.00	23.71 0.63 0.00	21.94 0.60 0.00	19.28 0.62 0.00	18.25 0.63 0.00	23.56 0.72 0.00	25.13 0.81 0.00	26.87 0.78 0.00	32.23 0.85 0.00	32.33 0.91 0.00	30.49 0.96 0.00	27.36 0.93 0.00	28.22 0.86 -1.34	26.86 0.51 -10.56	34.92 0.20 -29.03	35.00 0.29 -26.02	53.81 0.47 -38.79	55.76 -0.09 -58.63	41.47 0.00 -41.45	32.15 0.90 -7.09	26.74 0.92 -0.63	23.62 0.83 -0.81
CRICKET___VALLEY_CC2 323757	35.95 0.92 0.00	30.44 0.74 0.00	24.24 0.61 0.00	23.71 0.63 0.00	21.94 0.60 0.00	19.28 0.62 0.00	18.25 0.63 0.00	23.56 0.72 0.00	25.13 0.81 0.00	26.87 0.78 0.00	32.23 0.85 0.00	32.33 0.91 0.00	30.49 0.96 0.00	27.36 0.93 0.00	28.22 0.86 -1.34	26.86 0.51 -10.56	34.92 0.20 -29.03	35.00 0.29 -26.02	53.81 0.47 -38.79	55.76 -0.09 -58.63	41.47 0.00 -41.45	32.15 0.90 -7.09	26.74 0.92 -0.63	23.62 0.83 -0.81
CRICKET___VALLEY_CC3 323758	35.95 0.92 0.00	30.44 0.74 0.00	24.24 0.61 0.00	23.71 0.63 0.00	21.94 0.60 0.00	19.28 0.62 0.00	18.25 0.63 0.00	23.56 0.72 0.00	25.13 0.81 0.00	26.87 0.78 0.00	32.23 0.85 0.00	32.33 0.91 0.00	30.49 0.96 0.00	27.36 0.93 0.00	28.22 0.86 -1.34	26.86 0.51 -10.56	34.92 0.20 -29.03	35.00 0.29 -26.02	53.81 0.47 -38.79	55.76 -0.09 -58.63	41.47 0.00 -41.45	32.15 0.90 -7.09	26.74 0.92 -0.63	23.62 0.83 -0.81
CRUCIBLE_METL_DRP 24180	35.28 0.25 0.00	29.82 0.12 0.00	23.73 0.10 0.00	23.10 0.02 0.00	21.34 -0.01 0.00	18.67 0.01 0.00	17.63 0.01 0.00	22.87 0.02 0.00	24.30 -0.02 0.00	26.06 -0.03 0.00	31.34 -0.04 0.00	31.37 -0.04 0.00	29.65 0.11 0.00	26.55 0.12 0.00	26.47 0.16 -0.29	18.20 0.11 -2.30	12.06 0.03 -6.33	14.43 0.07 -5.67	23.14 0.13 -8.46	9.98 -0.03 -12.79	9.05 -0.01 -9.04	25.94 0.24 -1.55	25.52 0.19 -0.14	22.32 0.16 -0.18
DAHOWA___HYDRO 323763	36.69 1.66 0.00	31.01 1.32 0.00	24.64 1.01 0.00	24.16 1.07 0.00	22.37 1.02 0.00	19.61 0.95 0.00	18.44 0.82 0.00	23.89 1.04 0.00	25.55 1.22 0.00	27.35 1.25 0.00	32.89 1.52 0.00	33.12 1.71 0.00	31.18 1.64 0.00	27.97 1.54 0.00	29.06 1.45 -1.59	29.17 0.88 -12.50	40.38 0.33 -34.34	39.98 0.50 -30.78	61.28 0.84 -45.89	66.43 -0.16 -69.37	49.06 -0.01 -49.04	33.79 1.25 -8.39	27.16 1.23 -0.74	24.00 1.06 -0.95
DANC___LFGE 323619	35.17 0.14 0.00	29.75 0.05 0.00	23.68 0.05 0.00	23.06 -0.02 0.00	21.25 -0.10 0.00	18.59 -0.07 0.00	17.54 -0.08 0.00	22.89 0.04 0.00	24.33 0.01 0.00	26.06 -0.03 0.00	31.24 -0.13 0.00	30.98 -0.44 0.00	29.00 -0.54 0.00	25.97 -0.46 0.00	25.74 -0.47 -0.19	16.94 -0.33 -1.49	9.64 -0.16 -4.09	12.14 -0.21 -3.67	19.69 -0.33 -5.47	5.55 0.06 -8.27	6.31 0.00 -6.29	25.70 -0.65 -2.20	25.99 -0.51 -1.31	22.81 -0.43 -1.25
DANSKAMMER___1 23586	36.65 1.62 0.00	31.02 1.33 0.00	24.69 1.05 0.00	24.10 1.01 0.00	22.27 0.93 0.00	19.55 0.89 0.00	18.56 0.94 0.00	24.07 1.22 0.00	25.65 1.33 0.00	27.48 1.38 0.00	32.94 1.57 0.00	33.03 1.61 0.00	31.17 1.63 0.00	27.92 1.49 0.00	28.72 1.43 -1.26	26.63 0.88 -9.97	33.39 0.31 -27.38	33.70 0.47 -24.54	51.93 0.79 -36.59	52.38 -0.16 -55.31	39.13 0.00 -39.11	32.33 1.49 -6.69	27.27 1.49 -0.59	24.04 1.30 -0.76
DANSKAMMER___2 23589	36.65 1.62 0.00	31.02 1.33 0.00	24.69 1.05 0.00	24.10 1.01 0.00	22.27 0.93 0.00	19.55 0.89 0.00	18.56 0.94 0.00	24.07 1.22 0.00	25.65 1.33 0.00	27.48 1.38 0.00	32.94 1.57 0.00	33.03 1.61 0.00	31.17 1.63 0.00	27.92 1.49 0.00	28.72 1.43 -1.26	26.63 0.88 -9.97	33.39 0.31 -27.38	33.70 0.47 -24.54	51.93 0.79 -36.59	52.38 -0.16 -55.31	39.13 0.00 -39.11	32.33 1.49 -6.69	27.27 1.49 -0.59	24.04 1.30 -0.76
DANSKAMMER___3 23590	36.65 1.62 0.00	31.02 1.33 0.00	24.69 1.05 0.00	24.10 1.01 0.00	22.27 0.93 0.00	19.55 0.89 0.00	18.56 0.94 0.00	24.07 1.22 0.00	25.65 1.33 0.00	27.48 1.38 0.00	32.94 1.57 0.00	33.03 1.61 0.00	31.17 1.63 0.00	27.92 1.49 0.00	28.72 1.43 -1.26	26.63 0.88 -9.97	33.39 0.31 -27.38	33.70 0.47 -24.54	51.93 0.79 -36.59	52.38 -0.16 -55.31	39.13 0.00 -39.11	32.33 1.49 -6.69	27.27 1.49 -0.59	24.04 1.30 -0.76
DANSKAMMER___4 23591	36.65 1.62 0.00	31.02 1.33 0.00	24.69 1.05 0.00	24.10 1.01 0.00	22.27 0.93 0.00	19.55 0.89 0.00	18.56 0.94 0.00	24.07 1.22 0.00	25.65 1.33 0.00	27.48 1.38 0.00	32.94 1.57 0.00	33.03 1.61 0.00	31.17 1.63 0.00	27.92 1.49 0.00	28.72 1.43 -1.26	26.63 0.88 -9.97	33.39 0.31 -27.38	33.70 0.47 -24.54	51.93 0.79 -36.59	52.38 -0.16 -55.31	39.13 0.00 -39.11	32.33 1.49 -6.69	27.27 1.49 -0.59	24.04 1.30 -0.76
DANSKAMMER___DIESEL 23592	36.65 1.62 0.00	31.02 1.33 0.00	24.68 1.05 0.00	24.10 1.01 0.00	22.27 0.93 0.00	19.55 0.89 0.00	18.56 0.94 0.00	24.07 1.22 0.00	25.65 1.33 0.00	27.48 1.38 0.00	32.95 1.58 0.00	33.02 1.61 0.00	31.17 1.63 0.00	27.92 1.49 0.00	28.72 1.43 -1.26	26.63 0.88 -9.97	33.39 0.31 -27.38	33.70 0.47 -24.54	51.93 0.79 -36.59	52.38 -0.16 -55.31	39.13 0.00 -39.11	32.33 1.48 -6.69	27.27 1.49 -0.59	24.04 1.30 -0.76

DARBY___SOLAR 323810	36.58 1.55 0.00	30.93 1.23 0.00	24.59 0.96 0.00	24.09 1.01 0.00	22.30 0.95 0.00	19.54 0.88 0.00	18.41 0.79 0.00	23.85 1.00 0.00	25.48 1.16 0.00	27.29 1.19 0.00	32.82 1.45 0.00	33.02 1.60 0.00	31.10 1.56 0.00	27.88 1.45 0.00	28.98 1.38 -1.58	29.11 0.84 -12.49	40.33 0.32 -34.31	39.92 0.48 -30.75	61.18 0.79 -45.85	66.37 -0.15 -69.30	49.01 -0.01 -49.00	33.73 1.20 -8.38	27.12 1.19 -0.74	23.97 1.03 -0.95
DASHVILLE___HYD 23610	36.20 1.17 0.00	30.64 0.94 0.00	24.38 0.75 0.00	23.81 0.72 0.00	22.01 0.66 0.00	19.31 0.65 0.00	18.34 0.71 0.00	23.77 0.92 0.00	25.32 1.00 0.00	27.12 1.03 0.00	32.49 1.12 0.00	32.54 1.13 0.00	30.74 1.21 0.00	27.54 1.11 0.00	28.33 1.01 -1.30	26.62 0.61 -10.23	34.03 0.21 -28.11	34.20 0.31 -25.20	52.67 0.54 -37.57	53.91 -0.11 -56.79	40.18 0.01 -40.15	32.15 1.13 -6.87	26.95 1.16 -0.61	23.78 1.01 -0.78
DEERFIELD_69_KV_DEERFIELD LD 355887	38.42 3.39 0.00	32.73 3.03 0.00	25.96 2.33 0.00	25.27 2.19 0.00	23.37 2.03 0.00	20.55 1.89 0.00	19.60 1.98 0.00	25.43 2.58 0.00	27.14 2.81 0.00	36.57 3.07 -7.40	59.07 3.59 -24.11	35.05 3.62 -0.02	32.90 3.36 0.00	29.44 3.01 0.00	30.30 3.00 -1.28	27.69 1.80 -10.10	34.11 0.66 -27.75	34.53 0.96 -24.88	53.26 1.63 -37.09	52.98 -0.31 -56.06	39.69 0.03 -39.64	33.87 2.93 -6.78	28.89 3.10 -0.60	25.51 2.75 -0.77
DELAWARE___LFGE 323621	36.07 1.04 0.00	30.53 0.83 0.00	24.28 0.65 0.00	23.71 0.62 0.00	21.89 0.54 0.00	19.14 0.48 0.00	18.12 0.50 0.00	23.50 0.65 0.00	25.01 0.69 0.00	26.82 0.72 0.00	32.17 0.80 0.00	32.24 0.82 0.00	30.43 0.90 0.00	27.24 0.81 0.00	27.58 0.78 -0.78	22.39 0.48 -6.13	22.70 0.16 -16.83	24.03 0.26 -15.09	37.47 0.43 -22.49	31.14 -0.09 -34.00	24.06 -0.01 -24.04	29.07 0.81 -4.11	26.35 0.80 -0.36	23.14 0.69 -0.47
DERFIELD_115KV_TB7 355931	35.16 0.13 0.00	29.79 0.09 0.00	23.70 0.07 0.00	23.16 0.08 0.00	21.41 0.06 0.00	18.73 0.07 0.00	17.69 0.07 0.00	22.94 0.09 0.00	24.42 0.10 0.00	26.20 0.10 0.00	31.47 0.10 0.00	31.51 0.09 0.00	29.62 0.09 0.00	26.50 0.07 0.00	26.13 0.07 -0.03	16.08 0.05 -0.25	6.41 0.03 -0.68	9.33 0.03 -0.61	15.52 0.06 -0.91	-1.41 -0.01 -1.38	0.99 0.00 -0.97	24.40 0.08 -0.17	25.28 0.08 -0.02	22.07 0.07 -0.02
DOGLEVILLE___HYD 23807	35.98 0.95 0.00	30.40 0.70 0.00	24.19 0.56 0.00	23.67 0.59 0.00	21.87 0.53 0.00	19.22 0.56 0.00	18.16 0.54 0.00	23.53 0.68 0.00	25.07 0.75 0.00	26.87 0.77 0.00	32.26 0.89 0.00	32.39 0.97 0.00	30.40 0.86 0.00	27.04 0.60 0.00	26.63 0.58 -0.03	16.37 0.34 -0.25	6.54 0.15 -0.68	9.54 0.24 -0.61	15.92 0.46 -0.91	-1.49 -0.09 -1.38	0.99 0.00 -0.97	24.94 0.62 -0.17	25.71 0.51 -0.02	22.38 0.37 -0.02
DUNKIRK___115KV_TB_200 55889	35.37 0.34 0.00	29.82 0.12 0.00	23.67 0.04 0.00	22.64 -0.45 0.00	20.82 -0.53 0.00	18.23 -0.43 0.00	17.12 -0.50 0.00	22.27 -0.58 0.00	23.41 -0.92 0.00	25.13 -0.97 0.00	30.49 -0.88 0.00	30.63 -0.78 0.00	29.38 -0.16 0.00	26.12 -0.31 0.00	25.86 -0.54 -0.38	18.48 -0.33 -3.03	13.86 -0.16 -8.32	15.99 -0.16 -7.45	25.43 -0.24 -11.11	14.01 -0.01 -16.80	11.87 -0.03 -11.88	26.17 -0.02 -2.03	25.35 -0.02 -0.18	22.44 0.22 -0.23
DUNKIRK___1 23563	35.37 0.34 0.00	29.82 0.12 0.00	23.67 0.04 0.00	22.64 -0.45 0.00	20.82 -0.53 0.00	18.23 -0.43 0.00	17.12 -0.50 0.00	22.27 -0.58 0.00	23.41 -0.92 0.00	25.13 -0.97 0.00	30.49 -0.88 0.00	30.63 -0.78 0.00	29.38 -0.16 0.00	26.12 -0.31 0.00	25.86 -0.54 -0.38	18.48 -0.33 -3.03	13.86 -0.16 -8.32	15.99 -0.16 -7.45	25.43 -0.24 -11.11	14.01 -0.01 -16.80	11.87 -0.03 -11.88	26.17 -0.02 -2.03	25.35 -0.02 -0.18	22.44 0.22 -0.23
DUNKIRK___2 23564	35.37 0.34 0.00	29.82 0.12 0.00	23.67 0.04 0.00	22.64 -0.45 0.00	20.82 -0.53 0.00	18.23 -0.43 0.00	17.12 -0.50 0.00	22.27 -0.58 0.00	23.41 -0.92 0.00	25.13 -0.97 0.00	30.49 -0.88 0.00	30.63 -0.78 0.00	29.38 -0.16 0.00	26.12 -0.31 0.00	25.86 -0.54 -0.38	18.48 -0.33 -3.03	13.86 -0.16 -8.32	15.99 -0.16 -7.45	25.43 -0.24 -11.11	14.01 -0.01 -16.80	11.87 -0.03 -11.88	26.17 -0.02 -2.03	25.35 -0.02 -0.18	22.44 0.22 -0.23
DUNKIRK___3 23565	35.27 0.24 0.00	29.76 0.06 0.00	23.62 -0.01 0.00	22.63 -0.46 0.00	20.83 -0.52 0.00	18.25 -0.41 0.00	17.14 -0.48 0.00	22.30 -0.55 0.00	23.45 -0.87 0.00	25.15 -0.95 0.00	30.47 -0.90 0.00	30.58 -0.84 0.00	29.36 -0.18 0.00	26.12 -0.31 0.00	25.87 -0.53 -0.38	18.48 -0.33 -3.03	13.87 -0.16 -8.32	15.99 -0.16 -7.46	25.44 -0.23 -11.12	14.03 -0.01 -16.81	11.87 -0.03 -11.88	26.16 -0.03 -2.03	25.34 -0.03 -0.18	22.39 0.17 -0.23
DUNKIRK___4 23566	35.26 0.23 0.00	29.75 0.05 0.00	23.63 0.00 0.00	22.61 -0.47 0.00	20.80 -0.54 0.00	18.21 -0.45 0.00	17.10 -0.52 0.00	22.22 -0.63 0.00	23.36 -0.97 0.00	25.09 -1.01 0.00	30.44 -0.93 0.00	30.57 -0.85 0.00	29.34 -0.20 0.00	26.11 -0.32 0.00	25.86 -0.54 -0.38	18.44 -0.34 -2.99	13.76 -0.17 -8.22	15.90 -0.16 -7.37	25.28 -0.26 -10.99	13.82 -0.01 -16.61	11.73 -0.03 -11.74	26.10 -0.06 -2.01	25.33 -0.04 -0.18	22.39 0.18 -0.23
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.56 1.53 0.00	30.97 1.28 0.00	24.65 1.02 0.00	24.06 0.98 0.00	22.23 0.89 0.00	19.51 0.86 0.00	18.54 0.92 0.00	24.03 1.19 0.00	25.61 1.29 0.00	27.44 1.35 0.00	32.85 1.48 0.00	32.92 1.51 0.00	31.11 1.57 0.00	27.89 1.45 0.00	28.69 1.39 -1.28	26.73 0.85 -10.10	33.74 0.28 -27.75	33.99 0.43 -24.87	52.35 0.71 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.36 1.42 -6.78	27.24 1.45 -0.60	24.03 1.27 -0.77
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.44 1.41 0.00	30.86 1.16 0.00	24.55 0.92 0.00	23.95 0.87 0.00	22.13 0.79 0.00	19.43 0.77 0.00	18.45 0.83 0.00	23.95 1.10 0.00	25.50 1.18 0.00	27.31 1.22 0.00	32.73 1.36 0.00	32.79 1.38 0.00	30.96 1.42 0.00	27.73 1.30 0.00	28.48 1.24 -1.22	26.14 0.77 -9.59	32.32 0.26 -26.35	32.71 0.40 -23.62	50.45 0.69 -35.21	50.31 -0.14 -53.23	37.66 0.00 -37.63	31.93 1.34 -6.44	27.10 1.34 -0.57	23.89 1.17 -0.73
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.43 1.40 0.00	30.93 1.23 0.00	24.60 0.97 0.00	24.01 0.92 0.00	22.22 0.88 0.00	19.49 0.83 0.00	18.53 0.91 0.00	24.00 1.15 0.00	25.63 1.31 0.00	27.47 1.37 0.00	32.83 1.46 0.00	32.89 1.48 0.00	31.10 1.57 0.00	27.89 1.46 0.00	28.66 1.36 -1.28	26.72 0.84 -10.10	33.74 0.29 -27.75	33.99 0.42 -24.87	52.32 0.69 -37.08	53.14 -0.14 -56.06	39.67 0.01 -39.63	32.36 1.43 -6.78	27.25 1.46 -0.60	24.03 1.27 -0.77
E179THST_13_KV_LOAD 356214	36.58 1.55 0.00	31.05 1.35 0.00	24.69 1.06 0.00	24.09 1.01 0.00	22.29 0.94 0.00	19.56 0.90 0.00	18.60 0.98 0.00	24.09 1.24 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.97 1.60 0.00	33.04 1.62 0.00	31.25 1.71 0.00	28.02 1.58 0.00	28.79 1.48 -1.28	26.79 0.91 -10.10	33.77 0.32 -27.75	34.02 0.46 -24.87	52.39 0.75 -37.08	53.13 -0.15 -56.06	39.67 0.02 -39.63	32.47 1.54 -6.78	27.37 1.57 -0.60	24.12 1.36 -0.77

EAST HAMPTON___GT 23717	38.74 3.71 0.00	32.99 3.29 0.00	26.16 2.53 0.00	25.47 2.38 0.00	23.55 2.21 0.00	20.70 2.05 0.00	19.76 2.13 0.00	25.64 2.80 0.00	27.38 3.05 0.00	36.85 3.36 -7.40	59.43 3.94 -24.11	35.39 3.96 -0.02	33.23 3.69 0.00	29.73 3.29 0.00	30.58 3.27 -1.28	27.86 1.97 -10.10	34.18 0.72 -27.75	34.63 1.06 -24.88	53.45 1.81 -37.09	52.95 -0.34 -56.06	39.69 0.04 -39.64	34.12 3.19 -6.78	29.15 3.35 -0.60	25.71 2.95 -0.77
EAST RIVER___6 23660	36.74 1.71 0.00	31.13 1.43 0.00	24.78 1.15 0.00	24.17 1.09 0.00	22.30 0.95 0.00	19.56 0.90 0.00	18.60 0.98 0.00	24.13 1.28 0.00	25.74 1.41 0.00	27.59 1.49 0.00	33.01 1.63 0.00	33.06 1.65 0.00	31.28 1.75 0.00	28.04 1.61 0.00	28.84 1.53 -1.28	26.82 0.94 -10.10	33.77 0.32 -27.75	34.03 0.47 -24.87	52.41 0.77 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.52 1.59 -6.78	27.41 1.62 -0.60	24.17 1.41 -0.77
EAST RIVER___7 23524	36.74 1.71 0.00	31.13 1.43 0.00	24.78 1.15 0.00	24.17 1.09 0.00	22.30 0.95 0.00	19.56 0.90 0.00	18.60 0.98 0.00	24.13 1.28 0.00	25.74 1.41 0.00	27.59 1.49 0.00	33.01 1.63 0.00	33.06 1.65 0.00	31.28 1.75 0.00	28.04 1.61 0.00	28.84 1.53 -1.28	26.82 0.94 -10.10	33.77 0.32 -27.75	34.03 0.47 -24.87	52.41 0.77 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.52 1.59 -6.78	27.41 1.62 -0.60	24.17 1.41 -0.77
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.51 1.48 0.00	30.94 1.24 0.00	24.61 0.98 0.00	24.02 0.93 0.00	22.20 0.85 0.00	19.48 0.82 0.00	18.51 0.88 0.00	23.99 1.14 0.00	25.56 1.24 0.00	27.39 1.29 0.00	32.79 1.42 0.00	32.86 1.45 0.00	31.05 1.51 0.00	27.83 1.40 0.00	28.64 1.34 -1.28	26.68 0.82 -10.08	33.69 0.28 -27.71	33.95 0.42 -24.84	52.28 0.70 -37.03	53.06 -0.14 -55.98	39.60 0.00 -39.58	32.31 1.39 -6.77	27.20 1.41 -0.60	23.99 1.24 -0.77
EAST_HAMPTON___DIESEL 23722	38.75 3.72 0.00	32.99 3.29 0.00	26.16 2.53 0.00	25.47 2.38 0.00	23.55 2.21 0.00	20.71 2.05 0.00	19.76 2.13 0.00	25.65 2.80 0.00	27.38 3.06 0.00	36.85 3.36 -7.40	59.43 3.94 -24.11	35.39 3.96 -0.02	33.23 3.69 0.00	29.73 3.30 0.00	30.59 3.28 -1.28	27.86 1.97 -10.10	34.18 0.72 -27.75	34.64 1.06 -24.88	53.45 1.81 -37.09	52.95 -0.34 -56.06	39.70 0.04 -39.64	34.12 3.19 -6.78	29.15 3.36 -0.60	25.72 2.96 -0.77
EAST_PULASKI___ESR 323781	34.83 -0.20 0.00	29.47 -0.22 0.00	23.46 -0.17 0.00	22.85 -0.24 0.00	21.07 -0.28 0.00	18.42 -0.23 0.00	17.40 -0.23 0.00	22.62 -0.23 0.00	24.06 -0.27 0.00	25.80 -0.29 0.00	30.98 -0.39 0.00	30.91 -0.51 0.00	29.09 -0.45 0.00	26.04 -0.39 0.00	25.88 -0.36 -0.21	17.24 -0.24 -1.70	10.27 -0.10 -4.67	12.74 -0.14 -4.19	20.58 -0.21 -6.24	6.68 0.03 -9.43	6.68 -0.01 -6.66	24.93 -0.36 -1.14	24.98 -0.32 -0.10	21.83 -0.29 -0.13
EAST_RIVER___1 323558	36.66 1.63 0.00	31.07 1.37 0.00	24.73 1.10 0.00	24.13 1.04 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.59 0.97 0.00	24.11 1.26 0.00	25.71 1.39 0.00	27.56 1.46 0.00	32.96 1.59 0.00	33.02 1.60 0.00	31.24 1.70 0.00	28.00 1.57 0.00	28.80 1.49 -1.28	26.80 0.92 -10.10	33.76 0.31 -27.75	34.02 0.46 -24.87	52.39 0.76 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.45 1.52 -6.78	27.34 1.55 -0.60	24.11 1.36 -0.77
EAST_RIVER___2 323559	36.74 1.71 0.00	31.13 1.43 0.00	24.78 1.15 0.00	24.17 1.09 0.00	22.30 0.95 0.00	19.56 0.90 0.00	18.60 0.98 0.00	24.13 1.28 0.00	25.74 1.41 0.00	27.59 1.49 0.00	33.01 1.63 0.00	33.06 1.65 0.00	31.28 1.75 0.00	28.04 1.61 0.00	28.84 1.53 -1.28	26.82 0.94 -10.10	33.77 0.32 -27.75	34.03 0.47 -24.87	52.41 0.77 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.52 1.59 -6.78	27.41 1.62 -0.60	24.17 1.41 -0.77
EAST___DELAWARE_HYD 23607	36.88 1.85 0.00	31.22 1.52 0.00	24.81 1.18 0.00	24.20 1.11 0.00	22.36 1.01 0.00	19.63 0.97 0.00	18.65 1.02 0.00	24.27 1.42 0.00	25.83 1.51 0.00	27.70 1.60 0.00	33.18 1.81 0.00	33.21 1.79 0.00	31.34 1.81 0.00	28.03 1.60 0.00	28.66 1.52 -1.12	25.58 1.00 -8.80	30.20 0.31 -24.18	30.90 0.53 -21.68	47.79 0.92 -32.31	45.89 -0.18 -48.85	34.56 0.00 -34.54	31.78 1.72 -5.91	27.43 1.72 -0.52	24.14 1.48 -0.67
EIGHT_POINT___WT_PWR 323820	35.24 0.21 0.00	30.01 0.31 0.00	23.81 0.18 0.00	22.90 -0.19 0.00	21.09 -0.25 0.00	18.40 -0.26 0.00	17.24 -0.38 0.00	22.12 -0.72 0.00	23.20 -1.12 0.00	24.77 -1.33 0.00	29.67 -1.70 0.00	29.51 -1.90 0.00	28.43 -1.11 0.00	25.14 -1.30 0.00	25.06 -1.38 -0.43	18.37 -0.77 -3.35	14.58 -0.34 -9.21	16.47 -0.47 -8.26	26.16 -0.70 -12.31	15.96 0.13 -18.61	13.17 -0.02 -13.16	25.35 -1.05 -2.25	24.24 -1.15 -0.20	21.44 -0.80 -0.25
ELBRIDGE_115KV_TB2 80188	35.26 0.23 0.00	29.79 0.09 0.00	23.69 0.06 0.00	23.08 -0.01 0.00	21.32 -0.03 0.00	18.65 0.00 0.00	17.61 -0.01 0.00	22.84 -0.01 0.00	24.26 -0.07 0.00	26.01 -0.09 0.00	31.27 -0.11 0.00	31.30 -0.11 0.00	29.60 0.06 0.00	26.51 0.08 0.00	26.45 0.12 -0.30	18.29 0.09 -2.41	12.35 0.02 -6.63	14.68 0.05 -5.94	23.52 0.11 -8.86	10.59 -0.03 -13.39	9.48 -0.01 -9.47	26.00 0.23 -1.62	25.50 0.17 -0.14	22.32 0.14 -0.18
ELEC_TRO_TEK 24086	36.75 1.72 0.00	31.27 1.57 0.00	24.83 1.20 0.00	24.20 1.11 0.00	22.38 1.03 0.00	19.65 0.99 0.00	18.71 1.09 0.00	24.27 1.42 0.00	25.81 1.48 0.00	27.67 1.58 0.00	33.17 1.79 0.00	33.24 1.82 0.00	31.30 1.76 0.00	28.07 1.64 0.00	28.90 1.60 -1.28	26.82 0.94 -10.10	33.78 0.33 -27.75	34.04 0.48 -24.88	52.43 0.79 -37.09	53.14 -0.15 -56.06	39.68 0.03 -39.63	32.53 1.59 -6.78	27.46 1.67 -0.60	24.28 1.52 -0.77
ELLENBURG_WT_PWR 323604	34.94 -0.09 0.00	30.47 0.78 0.00	24.32 0.69 0.00	23.89 0.81 0.00	22.15 0.80 0.00	19.38 0.73 0.00	18.25 0.63 0.00	23.64 0.79 0.00	25.27 0.95 0.00	27.15 1.05 0.00	32.67 1.30 0.00	32.62 1.21 0.00	30.23 0.69 0.00	26.86 0.43 0.00	26.15 0.13 0.00	15.73 -0.06 0.00	5.66 -0.05 0.00	8.55 -0.13 0.00	14.18 -0.37 0.00	-2.64 0.13 0.00	-16.34 0.02 16.39	-21.08 -1.26 43.97	-21.10 -1.24 45.05	-21.07 -1.14 41.92
ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.73 -0.30 0.00	29.32 -0.38 0.00	23.32 -0.31 0.00	22.36 -0.72 0.00	20.60 -0.75 0.00	18.00 -0.66 0.00	16.89 -0.73 0.00	21.87 -0.97 0.00	23.01 -1.31 0.00	24.76 -1.33 0.00	30.09 -1.28 0.00	30.22 -1.20 0.00	29.07 -0.47 0.00	25.91 -0.53 0.00	25.68 -0.72 -0.37	18.27 -0.45 -2.94	13.52 -0.25 -8.06	15.68 -0.23 -7.23	24.90 -0.42 -10.77	13.50 0.00 -16.28	11.49 -0.04 -11.51	25.81 -0.31 -1.97	25.11 -0.26 -0.17	22.16 -0.05 -0.22
EMPIRE_CC_1 323656	36.10 1.07 0.00	30.54 0.84 0.00	24.30 0.67 0.00	23.82 0.74 0.00	22.03 0.68 0.00	19.30 0.65 0.00	18.21 0.59 0.00	23.57 0.72 0.00	25.11 0.79 0.00	26.89 0.79 0.00	32.28 0.91 0.00	32.43 1.01 0.00	30.53 1.00 0.00	27.39 0.96 0.00	28.43 0.91 -1.50	28.14 0.55 -11.81	38.36 0.20 -32.46	38.10 0.32 -29.10	58.44 0.51 -43.38	62.68 -0.11 -65.57	46.38 0.00 -46.36	32.95 0.87 -7.93	26.77 0.87 -0.70	23.65 0.76 -0.90

EMPIRE_CC_2 323658	36.10 1.07 0.00	30.54 0.84 0.00	24.30 0.67 0.00	23.82 0.74 0.00	22.03 0.68 0.00	19.30 0.65 0.00	18.21 0.59 0.00	23.57 0.72 0.00	25.11 0.79 0.00	26.89 0.79 0.00	32.28 0.91 0.00	32.43 1.01 0.00	30.53 1.00 0.00	27.39 0.96 0.00	28.43 0.91 -1.50	28.14 0.55 -11.81	38.36 0.20 -32.46	38.10 0.32 -29.10	58.44 0.51 -43.38	62.68 -0.11 -65.57	46.38 0.00 -46.36	32.95 0.87 -7.93	26.77 0.87 -0.70	23.65 0.76 -0.90
ENORWICH_115KV_TB1 80156	37.55 2.52 0.00	31.74 2.04 0.00	25.22 1.59 0.00	24.47 1.39 0.00	22.50 1.15 0.00	19.69 1.03 0.00	18.57 0.95 0.00	24.11 1.26 0.00	25.63 1.31 0.00	27.45 1.35 0.00	32.74 1.37 0.00	32.64 1.23 0.00	30.65 1.11 0.00	27.30 0.87 0.00	27.63 1.04 -0.57	21.01 0.69 -4.54	18.39 0.22 -12.46	20.21 0.35 -11.17	31.80 0.59 -16.65	22.28 -0.11 -25.17	17.80 -0.02 -17.80	28.02 0.82 -3.05	26.20 0.73 -0.27	22.87 0.54 -0.34
ERIE_ST__34_KV_TB1-2 80199	35.43 0.40 0.00	29.90 0.20 0.00	23.77 0.14 0.00	22.80 -0.28 0.00	21.01 -0.34 0.00	18.37 -0.29 0.00	17.26 -0.36 0.00	22.39 -0.46 0.00	23.57 -0.75 0.00	25.37 -0.73 0.00	30.79 -0.58 0.00	30.90 -0.52 0.00	29.71 0.17 0.00	26.47 0.04 0.00	26.20 -0.20 -0.38	18.61 -0.15 -2.98	13.75 -0.12 -8.18	15.96 -0.06 -7.33	25.38 -0.10 -10.93	13.69 -0.06 -16.52	11.67 -0.04 -11.68	26.35 0.20 -2.00	25.62 0.26 -0.18	22.58 0.37 -0.23
ERIE_WT_PWR 323693	35.01 -0.03 0.00	29.54 -0.15 0.00	23.49 -0.14 0.00	22.52 -0.56 0.00	20.75 -0.60 0.00	18.15 -0.51 0.00	17.01 -0.60 0.00	22.06 -0.79 0.00	23.19 -1.13 0.00	24.94 -1.16 0.00	30.29 -1.08 0.00	30.41 -1.00 0.00	29.26 -0.28 0.00	26.05 -0.38 0.00	25.82 -0.58 -0.38	18.38 -0.37 -2.96	13.62 -0.22 -8.14	15.79 -0.19 -7.29	25.09 -0.34 -10.87	13.64 -0.02 -16.43	11.60 -0.05 -11.62	25.98 -0.16 -1.99	25.24 -0.13 -0.18	22.28 0.07 -0.23
ESPRGFLD_115KV_TB1 80157	36.56 1.53 0.00	30.91 1.21 0.00	24.58 0.95 0.00	23.98 0.90 0.00	22.13 0.78 0.00	19.35 0.69 0.00	18.33 0.71 0.00	23.80 0.95 0.00	25.34 1.01 0.00	27.18 1.09 0.00	32.59 1.22 0.00	32.64 1.23 0.00	30.80 1.26 0.00	27.54 1.11 0.00	27.89 1.08 -0.79	22.65 0.68 -6.18	22.93 0.23 -16.99	24.29 0.37 -15.23	37.88 0.62 -22.71	31.42 -0.12 -34.32	24.28 -0.01 -24.27	29.38 1.07 -4.15	26.62 1.06 -0.37	23.34 0.88 -0.47
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.97 0.94 0.00	30.41 0.72 0.00	24.18 0.55 0.00	23.51 0.43 0.00	21.70 0.35 0.00	18.99 0.34 0.00	17.94 0.32 0.00	23.31 0.46 0.00	24.76 0.44 0.00	26.55 0.45 0.00	31.86 0.49 0.00	31.82 0.41 0.00	30.10 0.56 0.00	26.92 0.48 0.00	27.02 0.55 -0.45	19.68 0.37 -3.53	15.53 0.13 -9.69	17.59 0.21 -8.69	27.90 0.39 -12.95	16.72 -0.08 -19.58	13.85 -0.01 -13.84	27.16 0.64 -2.37	25.99 0.59 -0.21	22.75 0.49 -0.27
ETNA_____115KV_TB2 80207	35.97 0.94 0.00	30.41 0.72 0.00	24.18 0.55 0.00	23.51 0.43 0.00	21.70 0.35 0.00	18.99 0.34 0.00	17.94 0.32 0.00	23.31 0.46 0.00	24.76 0.44 0.00	26.55 0.45 0.00	31.86 0.49 0.00	31.82 0.41 0.00	30.10 0.56 0.00	26.92 0.48 0.00	27.02 0.55 -0.45	19.68 0.37 -3.53	15.53 0.13 -9.69	17.59 0.21 -8.69	27.90 0.39 -12.95	16.72 -0.08 -19.58	13.85 -0.01 -13.84	27.16 0.64 -2.37	25.99 0.59 -0.21	22.75 0.49 -0.27
EUCLID__115KV_TB2 356179	34.77 -0.25 0.00	29.43 -0.27 0.00	23.41 -0.22 0.00	22.80 -0.29 0.00	21.06 -0.29 0.00	18.41 -0.25 0.00	17.38 -0.24 0.00	22.55 -0.30 0.00	23.97 -0.35 0.00	25.72 -0.38 0.00	30.92 -0.45 0.00	30.97 -0.45 0.00	29.26 -0.28 0.00	26.18 -0.25 0.00	26.08 -0.21 -0.27	17.75 -0.12 -2.08	11.38 -0.05 -5.72	13.76 -0.06 -5.13	22.12 -0.08 -7.65	8.79 0.01 -11.56	8.19 -0.01 -8.17	25.44 -0.11 -1.40	25.17 -0.14 -0.12	22.02 -0.13 -0.16
E_CANADA_CAP_HY 24051	36.22 1.19 0.00	30.83 1.13 0.00	24.52 0.88 0.00	23.86 0.77 0.00	22.03 0.68 0.00	19.25 0.59 0.00	18.18 0.56 0.00	23.60 0.75 0.00	25.11 0.78 0.00	26.98 0.88 0.00	32.41 1.04 0.00	32.35 0.94 0.00	30.19 0.65 0.00	26.94 0.51 0.00	28.09 0.47 -1.60	28.68 0.30 -12.59	40.42 0.13 -34.59	39.87 0.18 -31.00	61.09 0.32 -46.22	67.04 -0.05 -69.87	49.42 0.00 -49.40	33.03 0.43 -8.45	26.42 0.48 -0.75	23.37 0.42 -0.96
E_CANADA_MHWK_HY 24050	35.98 0.95 0.00	30.40 0.70 0.00	24.19 0.56 0.00	23.67 0.59 0.00	21.87 0.53 0.00	19.22 0.56 0.00	18.16 0.54 0.00	23.53 0.68 0.00	25.07 0.75 0.00	26.87 0.77 0.00	32.26 0.89 0.00	32.39 0.97 0.00	30.40 0.86 0.00	27.04 0.60 0.00	26.63 0.58 -0.03	16.37 0.34 -0.25	6.54 0.15 -0.68	9.54 0.24 -0.61	15.92 0.46 -0.91	-1.49 -0.09 -1.38	0.99 0.00 -0.97	24.94 0.62 -0.17	25.71 0.51 -0.02	22.38 0.37 -0.02
E_FISHKILL__LBMP 23776	36.30 1.27 0.00	30.74 1.05 0.00	24.47 0.84 0.00	23.90 0.82 0.00	22.09 0.75 0.00	19.39 0.73 0.00	18.39 0.77 0.00	23.82 0.97 0.00	25.39 1.06 0.00	27.18 1.09 0.00	32.57 1.20 0.00	32.65 1.24 0.00	30.83 1.29 0.00	27.63 1.20 0.00	28.47 1.15 -1.30	26.72 0.70 -10.24	34.07 0.24 -28.13	34.27 0.36 -25.22	52.75 0.61 -37.59	53.92 -0.12 -56.82	40.20 0.00 -40.17	32.22 1.20 -6.87	27.01 1.20 -0.61	23.83 1.07 -0.78
FALCON__SEABRD_CC1 323796	35.37 0.34 0.00	30.81 1.12 0.00	24.60 0.97 0.00	24.19 1.11 0.00	22.42 1.08 0.00	19.65 1.00 0.00	18.50 0.87 0.00	23.94 1.10 0.00	25.62 1.29 0.00	27.52 1.42 0.00	33.11 1.73 0.00	33.05 1.64 0.00	30.63 1.09 0.00	27.22 0.79 0.00	26.51 0.49 0.00	15.95 0.16 0.00	5.73 0.03 0.00	8.67 -0.02 0.00	14.37 -0.18 0.00	-2.68 0.09 0.00	-16.49 0.03 16.53	-21.23 -1.02 44.37	-21.25 -0.99 45.45	-21.21 -0.91 42.29
FALCON__SEABRD_CC2 323797	35.37 0.34 0.00	30.81 1.12 0.00	24.60 0.97 0.00	24.19 1.11 0.00	22.42 1.08 0.00	19.65 1.00 0.00	18.50 0.87 0.00	23.94 1.10 0.00	25.62 1.29 0.00	27.52 1.42 0.00	33.11 1.73 0.00	33.05 1.64 0.00	30.63 1.09 0.00	27.22 0.79 0.00	26.51 0.49 0.00	15.95 0.16 0.00	5.73 0.03 0.00	8.67 -0.02 0.00	14.37 -0.18 0.00	-2.68 0.09 0.00	-16.49 0.03 16.53	-21.23 -1.02 44.37	-21.25 -0.99 45.45	-21.21 -0.91 42.29
FAR ROCKAWAY__4 23548	37.19 2.16 0.00	31.62 1.93 0.00	25.11 1.48 0.00	24.46 1.37 0.00	22.61 1.26 0.00	19.85 1.20 0.00	18.91 1.29 0.00	24.56 1.71 0.00	26.11 1.79 0.00	27.99 1.89 0.00	33.59 2.22 0.00	33.65 2.23 0.00	31.70 2.16 0.00	28.42 1.99 0.00	29.25 1.94 -1.28	27.02 1.14 -10.10	33.86 0.40 -27.75	34.16 0.59 -24.88	52.64 1.00 -37.09	53.09 -0.19 -56.06	39.69 0.03 -39.63	32.85 1.92 -6.78	27.81 2.02 -0.60	24.57 1.81 -0.77
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.66 1.63 0.00	31.07 1.37 0.00	24.72 1.09 0.00	24.12 1.04 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.59 0.97 0.00	24.12 1.26 0.00	25.71 1.39 0.00	27.56 1.46 0.00	32.96 1.59 0.00	33.02 1.61 0.00	31.24 1.70 0.00	28.00 1.57 0.00	28.80 1.50 -1.28	26.80 0.92 -10.10	33.76 0.31 -27.75	34.02 0.46 -24.87	52.39 0.75 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.45 1.52 -6.78	27.34 1.55 -0.60	24.12 1.36 -0.77

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.67 1.64 0.00	31.08 1.38 0.00	24.74 1.11 0.00	24.13 1.05 0.00	22.30 0.95 0.00	19.56 0.90 0.00	18.60 0.98 0.00	24.12 1.27 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.97 1.60 0.00	33.04 1.62 0.00	31.25 1.71 0.00	28.02 1.58 0.00	28.81 1.51 -1.28	26.80 0.92 -10.10	33.77 0.32 -27.75	34.02 0.46 -24.87	52.40 0.76 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.46 1.53 -6.78	27.36 1.57 -0.60	24.13 1.37 -0.77
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.64 1.61 0.00	31.06 1.36 0.00	24.71 1.08 0.00	24.11 1.03 0.00	22.28 0.93 0.00	19.54 0.88 0.00	18.58 0.97 0.00	24.10 1.25 0.00	25.71 1.38 0.00	27.54 1.45 0.00	32.95 1.58 0.00	33.01 1.59 0.00	31.22 1.68 0.00	27.99 1.56 0.00	28.78 1.48 -1.28	26.79 0.91 -10.10	33.76 0.31 -27.75	34.02 0.45 -24.87	52.38 0.75 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.44 1.50 -6.78	27.33 1.54 -0.60	24.11 1.35 -0.77
FARRAGUT___LBMP 323566	36.62 1.59 0.00	31.03 1.34 0.00	24.70 1.07 0.00	24.10 1.02 0.00	22.27 0.92 0.00	19.53 0.87 0.00	18.58 0.95 0.00	24.08 1.24 0.00	25.69 1.36 0.00	27.52 1.43 0.00	32.92 1.55 0.00	32.98 1.56 0.00	31.20 1.66 0.00	27.96 1.53 0.00	28.76 1.46 -1.28	26.77 0.89 -10.10	33.76 0.31 -27.75	34.01 0.44 -24.87	52.37 0.74 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.42 1.49 -6.78	27.31 1.52 -0.60	24.09 1.33 -0.77
FENNER___WINDPWR 24204	35.71 0.68 0.00	30.22 0.53 0.00	24.03 0.40 0.00	23.37 0.28 0.00	21.52 0.17 0.00	18.81 0.15 0.00	17.78 0.16 0.00	23.11 0.26 0.00	24.51 0.19 0.00	26.14 0.04 0.00	31.31 -0.06 0.00	31.24 -0.18 0.00	29.93 0.39 0.00	26.89 0.46 0.00	26.79 0.51 -0.26	18.13 0.31 -2.04	11.41 0.10 -5.60	13.87 0.16 -5.02	22.33 0.29 -7.49	8.48 -0.06 -11.32	8.02 -0.01 -8.00	25.92 0.40 -1.37	25.69 0.37 -0.12	22.45 0.31 -0.16
FIBERTEK___ENERGY 23856	35.28 0.25 0.00	29.82 0.12 0.00	23.73 0.10 0.00	23.10 0.02 0.00	21.34 -0.01 0.00	18.67 0.01 0.00	17.63 0.01 0.00	22.87 0.02 0.00	24.30 -0.02 0.00	26.06 -0.03 0.00	31.34 -0.04 0.00	31.37 -0.04 0.00	29.65 0.11 0.00	26.55 0.12 0.00	26.47 0.16 -0.29	18.20 0.11 -2.30	12.06 0.03 -6.33	14.43 0.07 -5.67	23.14 0.13 -8.46	9.98 -0.03 -12.79	9.05 -0.01 -9.04	25.94 0.24 -1.55	25.52 0.19 -0.14	22.32 0.16 -0.18
FITZPATRICK____ 23598	34.22 -0.81 0.00	28.97 -0.73 0.00	23.05 -0.58 0.00	22.47 -0.61 0.00	20.77 -0.58 0.00	18.14 -0.51 0.00	17.12 -0.50 0.00	22.19 -0.65 0.00	23.61 -0.71 0.00	25.33 -0.77 0.00	30.45 -0.92 0.00	30.50 -0.91 0.00	28.77 -0.77 0.00	25.75 -0.68 0.00	25.59 -0.63 -0.19	16.92 -0.37 -1.51	9.70 -0.14 -4.14	12.20 -0.20 -3.71	19.75 -0.33 -5.53	5.64 0.06 -8.36	5.93 -0.01 -5.91	24.64 -0.52 -1.01	24.73 -0.55 -0.09	21.61 -0.49 -0.11
FLOWRFLD_69_KV_BK1 356044	37.35 2.32 0.00	31.85 2.15 0.00	25.27 1.64 0.00	24.60 1.52 0.00	22.75 1.41 0.00	19.98 1.32 0.00	19.06 1.44 0.00	24.70 1.85 0.00	26.30 1.98 0.00	37.08 2.15 -8.84	67.82 2.46 -34.00	33.92 2.48 -0.03	31.81 2.27 0.00	28.49 2.06 0.00	29.38 2.07 -1.28	27.09 1.21 -10.10	33.88 0.43 -27.75	34.18 0.61 -24.88	52.64 1.01 -37.09	53.10 -0.19 -56.06	39.70 0.04 -39.64	32.97 2.04 -6.79	28.01 2.21 -0.60	24.77 2.01 -0.77
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.70 1.68 0.00	31.07 1.37 0.00	24.72 1.09 0.00	24.14 1.05 0.00	22.31 0.96 0.00	19.58 0.93 0.00	18.58 0.97 0.00	24.11 1.26 0.00	25.70 1.37 0.00	27.53 1.43 0.00	33.01 1.64 0.00	33.08 1.67 0.00	31.23 1.69 0.00	27.97 1.54 0.00	28.77 1.48 -1.27	26.70 0.91 -10.01	33.52 0.32 -27.50	33.83 0.49 -24.65	52.12 0.82 -36.75	52.61 -0.16 -55.55	39.29 0.00 -39.27	32.40 1.53 -6.72	27.32 1.53 -0.59	24.08 1.33 -0.76
FORT ORANGE____ 23900	36.19 1.16 0.00	30.64 0.94 0.00	24.37 0.74 0.00	23.85 0.77 0.00	22.06 0.71 0.00	19.33 0.67 0.00	18.27 0.65 0.00	23.67 0.82 0.00	25.24 0.92 0.00	27.05 0.95 0.00	32.46 1.09 0.00	32.59 1.18 0.00	30.70 1.16 0.00	27.52 1.08 0.00	28.58 1.02 -1.54	28.55 0.62 -12.14	39.30 0.23 -33.37	38.96 0.36 -29.91	59.74 0.60 -44.60	64.52 -0.12 -67.41	47.68 0.00 -47.66	33.31 1.01 -8.15	26.91 1.00 -0.72	23.76 0.85 -0.93
FORT_DRUM_COGEN 23780	35.62 0.59 0.00	30.15 0.46 0.00	24.01 0.38 0.00	23.39 0.30 0.00	21.55 0.20 0.00	18.86 0.21 0.00	17.81 0.19 0.00	23.29 0.44 0.00	24.78 0.45 0.00	26.52 0.42 0.00	31.75 0.38 0.00	31.35 -0.07 0.00	29.20 -0.35 0.00	26.15 -0.29 0.00	25.85 -0.32 -0.15	16.68 -0.26 -1.16	8.75 -0.13 -3.18	11.35 -0.19 -2.85	18.53 -0.27 -4.25	3.69 0.05 -6.42	5.29 0.00 -5.26	26.21 -0.67 -2.72	26.79 -0.46 -2.06	23.56 -0.37 -1.94
FPL_FAR_ROCK_GT1 24212	37.19 2.16 0.00	31.62 1.93 0.00	25.11 1.48 0.00	24.46 1.37 0.00	22.60 1.26 0.00	19.85 1.20 0.00	18.91 1.29 0.00	24.55 1.70 0.00	26.11 1.79 0.00	27.99 1.89 0.00	33.59 2.22 0.00	33.65 2.23 0.00	31.70 2.16 0.00	28.42 1.99 0.00	29.25 1.95 -1.28	27.02 1.14 -10.10	33.86 0.40 -27.75	34.17 0.60 -24.88	52.64 1.00 -37.09	53.09 -0.19 -56.06	39.69 0.03 -39.63	32.85 1.92 -6.78	27.81 2.01 -0.60	24.57 1.81 -0.77
FPL_FAR_ROCK_GT2 23815	37.19 2.16 0.00	31.62 1.93 0.00	25.11 1.48 0.00	24.46 1.37 0.00	22.60 1.26 0.00	19.85 1.20 0.00	18.91 1.29 0.00	24.55 1.70 0.00	26.11 1.79 0.00	27.99 1.89 0.00	33.59 2.22 0.00	33.65 2.23 0.00	31.70 2.16 0.00	28.42 1.99 0.00	29.25 1.95 -1.28	27.02 1.14 -10.10	33.86 0.40 -27.75	34.17 0.60 -24.88	52.64 1.00 -37.09	53.09 -0.19 -56.06	39.69 0.03 -39.63	32.85 1.92 -6.78	27.81 2.01 -0.60	24.57 1.81 -0.77
FRANKLIN_FALL_HYD 24054	35.20 0.17 0.00	30.50 0.80 0.00	24.31 0.68 0.00	23.86 0.77 0.00	22.11 0.76 0.00	19.34 0.68 0.00	18.23 0.61 0.00	23.64 0.79 0.00	25.29 0.96 0.00	27.21 1.11 0.00	32.75 1.38 0.00	32.65 1.24 0.00	30.22 0.69 0.00	26.89 0.46 0.00	26.23 0.21 0.00	15.81 0.03 0.00	5.69 -0.01 0.00	8.62 -0.06 0.00	14.34 -0.21 0.00	-2.68 0.09 0.00	11.18 0.03 -11.13	53.22 -0.79 -29.86	55.06 -0.72 -30.59	49.75 -0.70 -28.46
FREEPORT_EQUS_GT1 23764	36.96 1.93 0.00	31.45 1.75 0.00	24.97 1.34 0.00	24.32 1.24 0.00	22.49 1.15 0.00	19.75 1.10 0.00	18.82 1.20 0.00	24.43 1.57 0.00	25.97 1.65 0.00	27.85 1.76 0.00	33.40 2.03 0.00	33.47 2.05 0.00	31.51 1.97 0.00	28.24 1.80 0.00	29.08 1.78 -1.28	26.91 1.03 -10.10	33.82 0.37 -27.75	34.09 0.52 -24.88	52.47 0.83 -37.09	53.13 -0.15 -56.06	39.69 0.03 -39.63	32.68 1.75 -6.78	27.65 1.86 -0.60	24.44 1.69 -0.77
FREEPORT___CT2 23818	36.96 1.93 0.00	31.45 1.75 0.00	24.97 1.34 0.00	24.32 1.24 0.00	22.49 1.15 0.00	19.75 1.10 0.00	18.82 1.20 0.00	24.43 1.57 0.00	25.97 1.65 0.00	27.85 1.76 0.00	33.40 2.03 0.00	33.47 2.05 0.00	31.51 1.97 0.00	28.24 1.80 0.00	29.08 1.78 -1.28	26.91 1.03 -10.10	33.82 0.37 -27.75	34.09 0.52 -24.88	52.47 0.83 -37.09	53.13 -0.15 -56.06	39.69 0.03 -39.63	32.68 1.75 -6.78	27.65 1.86 -0.60	24.44 1.69 -0.77

FRESHKLS_33_KV_LOAD 356253	36.28 1.25 0.00	30.97 1.27 0.00	24.69 1.06 0.00	24.06 0.98 0.00	22.25 0.91 0.00	19.52 0.86 0.00	18.56 0.93 0.00	24.04 1.19 0.00	25.64 1.31 0.00	27.42 1.32 0.00	32.66 1.39 0.10	32.79 1.38 0.00	31.08 1.55 0.00	27.87 1.44 0.00	28.67 1.37 -1.28	26.71 0.83 -10.10	33.77 0.32 -27.75	33.98 0.41 -24.87	52.23 0.59 -37.08	53.16 -0.12 -56.06	39.67 0.02 -39.63	32.44 1.51 -6.78	27.36 1.57 -0.60	24.14 1.38 -0.77
FULTON COGEN____ 23766	34.71 -0.32 0.00	29.38 -0.32 0.00	23.38 -0.25 0.00	22.77 -0.32 0.00	21.03 -0.32 0.00	18.37 -0.28 0.00	17.35 -0.27 0.00	22.52 -0.33 0.00	23.94 -0.39 0.00	25.69 -0.40 0.00	30.91 -0.46 0.00	30.96 -0.46 0.00	29.22 -0.32 0.00	26.14 -0.29 0.00	26.03 -0.23 -0.24	17.52 -0.13 -1.87	10.78 -0.05 -5.13	13.23 -0.06 -4.60	21.31 -0.10 -6.86	7.60 0.01 -10.37	7.35 -0.01 -7.33	25.27 -0.14 -1.26	25.12 -0.18 -0.11	21.96 -0.17 -0.14
FULTON____LFGE 323630	36.76 1.73 0.00	31.30 1.61 0.00	24.85 1.21 0.00	24.23 1.15 0.00	22.44 1.09 0.00	19.64 0.99 0.00	18.62 1.00 0.00	24.18 1.34 0.00	25.79 1.47 0.00	27.64 1.54 0.00	33.19 1.82 0.00	33.10 1.69 0.00	30.99 1.46 0.00	27.90 1.47 0.00	29.10 1.48 -1.60	29.17 0.79 -12.59	40.67 0.39 -34.59	40.24 0.55 -31.00	61.82 1.04 -46.22	66.90 -0.19 -69.87	49.42 0.00 -49.40	34.16 1.55 -8.45	27.49 1.55 -0.75	24.21 1.26 -0.96
G.F.CEMENT____DRP 24184	36.85 1.82 0.00	31.12 1.42 0.00	24.70 1.07 0.00	24.23 1.14 0.00	22.44 1.09 0.00	19.67 1.01 0.00	18.50 0.88 0.00	23.95 1.11 0.00	25.67 1.35 0.00	27.49 1.39 0.00	33.08 1.71 0.00	33.35 1.94 0.00	31.42 1.88 0.00	28.19 1.76 0.00	29.26 1.65 -1.59	29.32 1.02 -12.52	40.50 0.39 -34.40	40.09 0.57 -30.83	61.46 0.94 -45.97	66.53 -0.18 -69.48	49.13 -0.01 -49.12	33.89 1.33 -8.40	27.27 1.33 -0.74	24.10 1.16 -0.96
GARDENVILLE____LBMP 24039	34.89 -0.14 0.00	29.45 -0.25 0.00	23.42 -0.21 0.00	22.45 -0.63 0.00	20.68 -0.67 0.00	18.08 -0.58 0.00	16.97 -0.65 0.00	21.98 -0.87 0.00	23.12 -1.20 0.00	24.87 -1.23 0.00	30.19 -1.18 0.00	30.32 -1.10 0.00	29.16 -0.38 0.00	25.98 -0.46 0.00	25.74 -0.65 -0.38	18.34 -0.41 -2.96	13.61 -0.23 -8.14	15.77 -0.21 -7.29	25.05 -0.38 -10.87	13.65 -0.01 -16.44	11.60 -0.04 -11.62	25.89 -0.25 -1.99	25.17 -0.20 -0.18	22.22 0.00 -0.23
GARDNVLA_35_KV_LD 355827	35.03 0.00 0.00	29.55 -0.15 0.00	23.50 -0.13 0.00	22.53 -0.55 0.00	20.75 -0.60 0.00	18.14 -0.52 0.00	17.02 -0.60 0.00	22.06 -0.78 0.00	23.21 -1.11 0.00	24.97 -1.12 0.00	30.32 -1.06 0.00	30.45 -0.97 0.00	29.29 -0.25 0.00	26.09 -0.34 0.00	25.85 -0.55 -0.38	18.40 -0.34 -2.96	13.63 -0.20 -8.14	15.81 -0.17 -7.29	25.11 -0.32 -10.87	13.64 -0.02 -16.43	11.59 -0.05 -11.62	25.99 -0.15 -1.99	25.26 -0.10 -0.18	22.29 0.08 -0.23
GELCKHM__115KV_LOAD 80723	34.96 -0.07 0.00	29.57 -0.13 0.00	23.52 -0.11 0.00	22.91 -0.17 0.00	21.16 -0.18 0.00	18.50 -0.16 0.00	17.47 -0.15 0.00	22.67 -0.18 0.00	24.09 -0.23 0.00	25.84 -0.25 0.00	31.08 -0.30 0.00	31.12 -0.30 0.00	29.41 -0.13 0.00	26.31 -0.12 0.00	26.22 -0.08 -0.28	17.92 -0.03 -2.17	11.64 -0.02 -5.96	14.02 -0.01 -5.34	22.50 -0.01 -7.96	9.25 -0.01 -12.03	8.52 -0.01 -8.51	25.62 0.02 -1.46	25.30 -0.02 -0.13	22.13 -0.03 -0.16
GENERAL____MILLS 23808	34.98 -0.05 0.00	29.53 -0.17 0.00	23.48 -0.15 0.00	22.51 -0.57 0.00	20.73 -0.62 0.00	18.12 -0.53 0.00	17.01 -0.61 0.00	22.05 -0.80 0.00	23.19 -1.14 0.00	24.94 -1.16 0.00	30.28 -1.09 0.00	30.41 -1.01 0.00	29.25 -0.29 0.00	26.06 -0.38 0.00	25.82 -0.58 -0.38	18.38 -0.37 -2.96	13.63 -0.21 -8.14	15.79 -0.19 -7.29	25.09 -0.34 -10.87	13.64 -0.02 -16.43	11.60 -0.05 -11.62	25.96 -0.18 -1.99	25.24 -0.13 -0.18	22.27 0.06 -0.23
GE_PLASTICS____DRP 24183	36.01 0.98 0.00	30.49 0.79 0.00	24.26 0.63 0.00	23.75 0.67 0.00	21.96 0.61 0.00	19.23 0.57 0.00	18.18 0.56 0.00	23.54 0.69 0.00	25.09 0.77 0.00	26.88 0.78 0.00	32.26 0.89 0.00	32.37 0.95 0.00	30.49 0.95 0.00	27.33 0.90 0.00	28.42 0.86 -1.54	28.47 0.52 -12.17	39.33 0.19 -33.44	38.96 0.29 -29.98	59.72 0.48 -44.69	64.68 -0.09 -67.55	47.78 0.00 -47.76	33.17 0.85 -8.17	26.76 0.84 -0.72	23.65 0.73 -0.93
GILBOA____1 23756	35.90 0.87 0.00	30.39 0.70 0.00	24.19 0.56 0.00	23.72 0.63 0.00	21.91 0.57 0.00	19.13 0.48 0.00	18.10 0.48 0.00	23.46 0.61 0.00	24.98 0.66 0.00	26.75 0.65 0.00	32.11 0.74 0.00	32.18 0.77 0.00	30.37 0.83 0.00	27.21 0.77 0.00	28.03 0.73 -1.28	26.29 0.44 -10.06	33.49 0.14 -27.65	33.70 0.23 -24.78	51.87 0.37 -36.94	53.00 -0.07 -55.85	39.51 0.00 -39.49	31.65 0.74 -6.75	26.55 0.76 -0.60	23.42 0.67 -0.77
GILBOA____2 23757	35.90 0.87 0.00	30.39 0.70 0.00	24.19 0.56 0.00	23.72 0.63 0.00	21.91 0.57 0.00	19.13 0.48 0.00	18.10 0.48 0.00	23.46 0.61 0.00	24.98 0.66 0.00	26.75 0.65 0.00	32.11 0.74 0.00	32.18 0.77 0.00	30.37 0.83 0.00	27.21 0.77 0.00	28.03 0.73 -1.28	26.29 0.44 -10.06	33.49 0.14 -27.65	33.70 0.23 -24.78	51.87 0.37 -36.94	53.00 -0.07 -55.85	39.51 0.00 -39.49	31.65 0.74 -6.75	26.55 0.76 -0.60	23.42 0.67 -0.77
GILBOA____3 23758	35.90 0.87 0.00	30.39 0.70 0.00	24.19 0.56 0.00	23.72 0.63 0.00	21.91 0.57 0.00	19.13 0.48 0.00	18.10 0.48 0.00	23.46 0.61 0.00	24.98 0.66 0.00	26.75 0.65 0.00	32.11 0.74 0.00	32.18 0.77 0.00	30.37 0.83 0.00	27.21 0.77 0.00	28.03 0.73 -1.28	26.29 0.44 -10.06	33.49 0.14 -27.65	33.70 0.23 -24.78	51.87 0.37 -36.94	53.00 -0.07 -55.85	39.51 0.00 -39.49	31.65 0.74 -6.75	26.55 0.76 -0.60	23.42 0.67 -0.77
GILBOA____4 23759	35.90 0.87 0.00	30.39 0.70 0.00	24.19 0.56 0.00	23.72 0.63 0.00	21.91 0.57 0.00	19.13 0.48 0.00	18.10 0.48 0.00	23.46 0.61 0.00	24.98 0.66 0.00	26.75 0.65 0.00	32.11 0.74 0.00	32.18 0.77 0.00	30.37 0.83 0.00	27.21 0.77 0.00	28.03 0.73 -1.28	26.29 0.44 -10.06	33.49 0.14 -27.65	33.70 0.23 -24.78	51.87 0.37 -36.94	53.00 -0.07 -55.85	39.51 0.00 -39.49	31.65 0.74 -6.75	26.55 0.76 -0.60	23.42 0.67 -0.77
GILBOA____ 23599	35.90 0.87 0.00	30.39 0.70 0.00	24.19 0.56 0.00	23.72 0.63 0.00	21.92 0.57 0.00	19.14 0.48 0.00	18.10 0.48 0.00	23.46 0.61 0.00	24.98 0.66 0.00	26.76 0.66 0.00	32.11 0.74 0.00	32.18 0.77 0.00	30.37 0.83 0.00	27.21 0.77 0.00	28.03 0.73 -1.28	26.29 0.45 -10.06	33.49 0.14 -27.65	33.70 0.23 -24.78	51.87 0.37 -36.94	53.00 -0.07 -55.85	39.51 0.00 -39.49	31.65 0.74 -6.75	26.55 0.76 -0.60	23.42 0.67 -0.77
GINNA____ 23603	33.31 -1.72 0.00	28.15 -1.55 0.00	22.41 -1.22 0.00	21.73 -1.35 0.00	20.06 -1.28 0.00	17.56 -1.10 0.00	16.57 -1.06 0.00	21.50 -1.35 0.00	22.81 -1.51 0.00	24.53 -1.57 0.00	29.63 -1.74 0.00	29.70 -1.72 0.00	28.20 -1.33 0.00	25.22 -1.21 0.00	25.14 -1.20 -0.31	17.51 -0.72 -2.44	12.11 -0.30 -6.71	14.33 -0.37 -6.01	22.88 -0.64 -8.96	10.86 0.08 -13.55	9.58 -0.03 -9.58	24.79 -1.00 -1.64	24.24 -1.09 -0.14	21.23 -0.94 -0.19

GLEN PARK____ 23778	35.76 0.72 0.00	30.24 0.54 0.00	24.08 0.45 0.00	23.45 0.36 0.00	21.60 0.26 0.00	18.92 0.26 0.00	17.86 0.24 0.00	23.37 0.52 0.00	24.87 0.54 0.00	26.62 0.53 0.00	31.87 0.50 0.00	31.47 0.06 0.00	29.33 -0.21 0.00	26.27 -0.16 0.00	25.98 -0.20 -0.15	16.81 -0.17 -1.20	8.90 -0.10 -3.30	11.51 -0.14 -2.96	18.78 -0.18 -4.41	3.91 0.03 -6.66	5.42 0.00 -5.40	26.29 -0.52 -2.65	26.82 -0.34 -1.96	23.56 -0.28 -1.85
GLENDALDE_27_KV_LOAD 356172	36.61 1.58 0.00	31.06 1.36 0.00	24.70 1.06 0.00	24.09 1.01 0.00	22.27 0.92 0.00	19.54 0.88 0.00	18.59 0.97 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.58 1.48 0.00	32.99 1.62 0.00	33.04 1.63 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.81 1.51 -1.28	26.81 0.92 -10.10	33.77 0.32 -27.75	34.03 0.47 -24.87	52.39 0.76 -37.08	53.13 -0.15 -56.06	39.66 0.01 -39.63	32.49 1.55 -6.78	27.38 1.58 -0.60	24.13 1.37 -0.77
GLENWOOD_IC_1_G5 23712	36.81 1.78 0.00	31.27 1.57 0.00	24.85 1.22 0.00	24.23 1.15 0.00	22.40 1.05 0.00	19.66 1.01 0.00	18.71 1.08 0.00	24.27 1.42 0.00	25.83 1.51 0.00	27.70 1.61 0.00	33.20 1.82 0.00	33.27 1.85 0.00	31.37 1.83 0.00	28.12 1.69 0.00	28.94 1.64 -1.28	26.86 0.97 -10.10	33.79 0.34 -27.75	34.06 0.50 -24.88	52.46 0.83 -37.09	53.13 -0.16 -56.06	39.67 0.02 -39.63	32.56 1.63 -6.78	27.49 1.70 -0.60	24.27 1.52 -0.77
GLENWOOD_IC_2_G1 23688	36.67 1.64 0.00	31.12 1.42 0.00	24.74 1.11 0.00	24.13 1.05 0.00	22.31 0.96 0.00	19.58 0.93 0.00	18.62 1.00 0.00	24.15 1.30 0.00	25.71 1.39 0.00	27.56 1.46 0.00	33.01 1.63 0.00	33.08 1.66 0.00	31.22 1.68 0.00	27.98 1.55 0.00	28.80 1.49 -1.28	26.78 0.89 -10.10	33.77 0.31 -27.75	34.02 0.46 -24.88	52.40 0.76 -37.09	53.14 -0.15 -56.06	39.67 0.01 -39.63	32.45 1.52 -6.78	27.36 1.57 -0.60	24.15 1.40 -0.77
GLENWOOD_IC_3_G1 23689	36.67 1.64 0.00	31.12 1.42 0.00	24.74 1.11 0.00	24.13 1.05 0.00	22.31 0.96 0.00	19.58 0.93 0.00	18.62 1.00 0.00	24.15 1.30 0.00	25.71 1.39 0.00	27.56 1.46 0.00	33.01 1.63 0.00	33.08 1.66 0.00	31.22 1.68 0.00	27.98 1.55 0.00	28.80 1.49 -1.28	26.78 0.89 -10.10	33.77 0.31 -27.75	34.02 0.46 -24.88	52.40 0.76 -37.09	53.14 -0.15 -56.06	39.67 0.01 -39.63	32.45 1.52 -6.78	27.36 1.57 -0.60	24.15 1.40 -0.77
GLENWOOD____4 23550	36.81 1.78 0.00	31.27 1.57 0.00	24.85 1.22 0.00	24.23 1.15 0.00	22.40 1.05 0.00	19.66 1.01 0.00	18.71 1.08 0.00	24.27 1.42 0.00	25.83 1.51 0.00	27.70 1.61 0.00	33.20 1.82 0.00	33.27 1.85 0.00	31.37 1.83 0.00	28.12 1.69 0.00	28.94 1.64 -1.28	26.86 0.97 -10.10	33.79 0.34 -27.75	34.06 0.50 -24.88	52.46 0.83 -37.09	53.13 -0.16 -56.06	39.67 0.02 -39.63	32.56 1.63 -6.78	27.49 1.70 -0.60	24.27 1.52 -0.77
GLENWOOD____5 23614	36.81 1.78 0.00	31.27 1.57 0.00	24.85 1.22 0.00	24.23 1.15 0.00	22.40 1.05 0.00	19.66 1.01 0.00	18.71 1.08 0.00	24.27 1.42 0.00	25.83 1.51 0.00	27.70 1.61 0.00	33.20 1.82 0.00	33.27 1.85 0.00	31.37 1.83 0.00	28.12 1.69 0.00	28.94 1.64 -1.28	26.86 0.97 -10.10	33.79 0.34 -27.75	34.06 0.50 -24.88	52.46 0.83 -37.09	53.13 -0.16 -56.06	39.67 0.02 -39.63	32.56 1.63 -6.78	27.49 1.70 -0.60	24.27 1.52 -0.77
GLOBAL GREEN_PORT_GT1 23814	38.65 3.62 0.00	32.91 3.21 0.00	26.10 2.47 0.00	25.40 2.32 0.00	23.49 2.14 0.00	20.66 2.00 0.00	19.70 2.08 0.00	25.58 2.74 0.00	27.31 2.98 0.00	36.77 3.28 -7.39	59.33 3.84 -24.12	35.29 3.86 -0.02	33.13 3.59 0.00	29.64 3.21 0.00	30.50 3.20 -1.28	27.81 1.92 -10.10	34.16 0.70 -27.75	34.60 1.03 -24.88	53.40 1.76 -37.09	52.95 -0.33 -56.06	39.70 0.03 -39.64	34.05 3.11 -6.78	29.07 3.28 -0.60	25.65 2.89 -0.77
GLOBE____DSASP 323697	33.48 -1.55 0.00	28.28 -1.41 0.00	22.51 -1.12 0.00	21.59 -1.49 0.00	19.90 -1.45 0.00	17.36 -1.30 0.00	16.27 -1.35 0.00	21.02 -1.83 0.00	22.11 -2.21 0.00	23.83 -2.27 0.00	29.05 -2.32 0.00	29.22 -2.19 0.00	28.14 -1.40 0.00	25.14 -1.29 0.00	25.02 -1.36 -0.36	17.78 -0.85 -2.85	13.16 -0.37 -7.83	15.21 -0.49 -7.01	24.17 -0.84 -10.46	13.12 0.09 -15.81	11.19 -0.01 -11.18	25.08 -0.99 -1.91	24.47 -0.89 -0.17	21.64 -0.57 -0.22
GOETHSLN____LBMP 323567	36.43 1.40 0.00	30.89 1.19 0.00	24.61 0.98 0.00	24.01 0.92 0.00	22.18 0.83 0.00	19.44 0.78 0.00	18.49 0.87 0.00	23.98 1.13 0.00	25.56 1.24 0.00	27.38 1.28 0.00	32.73 1.36 0.00	32.79 1.38 0.00	31.03 1.49 0.00	27.81 1.38 0.00	28.62 1.31 -1.28	26.69 0.81 -10.10	33.73 0.28 -27.75	33.96 0.39 -24.87	52.28 0.64 -37.08	53.15 -0.13 -56.05	39.65 0.00 -39.63	32.28 1.35 -6.78	27.17 1.38 -0.60	23.97 1.21 -0.77
GOLAH____69_KV_TB 1_2 80279	35.19 0.16 0.00	29.69 0.00 0.00	23.62 -0.01 0.00	22.85 -0.23 0.00	21.04 -0.31 0.00	18.37 -0.29 0.00	17.33 -0.30 0.00	22.48 -0.37 0.00	23.81 -0.51 0.00	25.60 -0.49 0.00	31.00 -0.37 0.00	31.11 -0.31 0.00	29.64 0.10 0.00	26.47 0.04 0.00	26.32 -0.02 -0.32	18.27 -0.01 -2.50	12.51 -0.06 -6.86	14.87 0.02 -6.15	23.73 0.01 -9.18	11.03 -0.06 -13.87	9.80 -0.03 -9.81	26.06 0.23 -1.68	25.52 0.18 -0.15	22.42 0.25 -0.19
GOODYEAR_LAKE_HYD 323669	36.37 1.34 0.00	30.77 1.07 0.00	24.47 0.84 0.00	23.88 0.80 0.00	22.04 0.69 0.00	19.27 0.62 0.00	18.26 0.63 0.00	23.68 0.84 0.00	25.22 0.89 0.00	27.04 0.94 0.00	32.44 1.07 0.00	32.50 1.09 0.00	30.67 1.14 0.00	27.44 1.01 0.00	27.79 0.99 -0.79	22.58 0.61 -6.18	22.91 0.21 -16.99	24.25 0.33 -15.23	37.82 0.56 -22.71	31.44 -0.11 -34.32	24.28 0.00 -24.27	29.29 0.99 -4.15	26.53 0.97 -0.37	23.28 0.82 -0.47
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.68 0.65 0.00	30.18 0.49 0.00	23.99 0.36 0.00	23.31 0.22 0.00	21.51 0.17 0.00	18.84 0.18 0.00	17.79 0.16 0.00	23.13 0.28 0.00	24.53 0.20 0.00	26.27 0.17 0.00	31.54 0.17 0.00	31.56 0.14 0.00	29.90 0.37 0.00	26.74 0.31 0.00	26.84 0.25 -0.57	20.44 0.16 -4.50	18.15 0.07 -12.37	19.88 0.10 -11.09	31.30 0.21 -16.54	22.19 -0.04 -25.00	17.69 -0.01 -17.67	27.60 0.43 -3.02	25.84 0.38 -0.27	22.68 0.35 -0.34
GOUDEY____7 23579	35.71 0.68 0.00	30.19 0.50 0.00	24.01 0.37 0.00	23.33 0.24 0.00	21.53 0.18 0.00	18.85 0.19 0.00	17.79 0.17 0.00	23.15 0.30 0.00	24.55 0.22 0.00	26.29 0.19 0.00	31.56 0.19 0.00	31.57 0.16 0.00	29.93 0.39 0.00	26.76 0.33 0.00	26.86 0.27 -0.57	20.46 0.17 -4.50	18.15 0.07 -12.37	19.88 0.10 -11.09	31.31 0.23 -16.54	22.18 -0.04 -25.00	17.69 -0.01 -17.67	27.63 0.45 -3.02	25.86 0.40 -0.27	22.70 0.37 -0.34
GOUDEY____8 23580	35.68 0.65 0.00	30.18 0.49 0.00	23.99 0.36 0.00	23.31 0.22 0.00	21.51 0.17 0.00	18.84 0.18 0.00	17.79 0.16 0.00	23.13 0.28 0.00	24.53 0.20 0.00	26.27 0.17 0.00	31.54 0.17 0.00	31.56 0.14 0.00	29.90 0.37 0.00	26.74 0.31 0.00	26.84 0.25 -0.57	20.44 0.16 -4.50	18.15 0.07 -12.37	19.88 0.10 -11.09	31.30 0.21 -16.54	22.19 -0.04 -25.00	17.69 -0.01 -17.67	27.60 0.43 -3.02	25.84 0.38 -0.27	22.68 0.35 -0.34

GOWANUS_GT1_1 24077	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT1_2 24078	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT1_3 24079	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT1_4 24080	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT1_5 24084	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT1_6 24111	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT1_7 24112	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT1_8 24113	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT2_1 24114	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT2_2 24115	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT2_3 24116	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT2_4 24117	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT2_5 24118	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT2_6 24119	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT2_7 24120	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77

GOWANUS_GT2_8 24121	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT3_1 24122	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT3_2 24123	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT3_3 24124	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT3_4 24125	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT3_5 24126	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT3_6 24127	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT3_7 24128	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT3_8 24129	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
GOWANUS_GT4_1 24130	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT4_2 24131	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT4_3 24132	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT4_4 24133	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT4_5 24134	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT4_6 24135	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77

GOWANUS_GT4_7 24136	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GOWANUS_GT4_8 24137	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GREENBSH_115KV_TB3 55895	36.02 0.99 0.00	30.49 0.80 0.00	24.26 0.63 0.00	23.76 0.67 0.00	21.96 0.62 0.00	19.24 0.59 0.00	18.18 0.56 0.00	23.55 0.70 0.00	25.10 0.78 0.00	26.89 0.79 0.00	32.27 0.90 0.00	32.40 0.98 0.00	30.52 0.98 0.00	27.36 0.93 0.00	28.46 0.88 -1.55	28.52 0.54 -12.20	39.43 0.19 -33.53	39.05 0.31 -30.06	59.87 0.51 -44.81	64.85 -0.10 -67.73	47.90 0.00 -47.89	33.21 0.87 -8.19	26.77 0.85 -0.72	23.65 0.73 -0.93
GREENDGE_115KV_TB5 80291	35.30 0.27 0.00	30.07 0.37 0.00	23.93 0.30 0.00	23.13 0.05 0.00	21.35 0.00 0.00	18.73 0.08 0.00	17.67 0.05 0.00	22.94 0.09 0.00	24.29 -0.03 0.00	26.04 -0.06 0.00	31.21 -0.16 0.00	31.18 -0.23 0.00	29.71 0.17 0.00	26.47 0.04 0.00	26.47 0.03 -0.41	19.11 0.06 -3.26	14.69 0.02 -8.96	16.77 0.05 -8.04	26.66 0.13 -11.98	15.29 -0.04 -18.11	12.80 -0.02 -12.80	26.60 0.25 -2.19	25.57 0.18 -0.19	22.42 0.19 -0.25
GREENIDGE___3 23582	35.30 0.27 0.00	30.07 0.37 0.00	23.93 0.30 0.00	23.13 0.05 0.00	21.35 0.00 0.00	18.73 0.08 0.00	17.67 0.05 0.00	22.94 0.09 0.00	24.29 -0.03 0.00	26.04 -0.06 0.00	31.21 -0.16 0.00	31.18 -0.23 0.00	29.71 0.17 0.00	26.47 0.04 0.00	26.47 0.03 -0.41	19.11 0.06 -3.26	14.69 0.02 -8.96	16.77 0.05 -8.04	26.66 0.13 -11.98	15.29 -0.04 -18.11	12.80 -0.02 -12.80	26.60 0.25 -2.19	25.57 0.18 -0.19	22.42 0.19 -0.25
GREENIDGE___4 23583	35.30 0.27 0.00	30.06 0.36 0.00	23.93 0.30 0.00	23.13 0.04 0.00	21.35 0.00 0.00	18.73 0.08 0.00	17.67 0.05 0.00	22.94 0.09 0.00	24.29 -0.03 0.00	26.04 -0.06 0.00	31.22 -0.15 0.00	31.18 -0.24 0.00	29.71 0.17 0.00	26.47 0.04 0.00	26.47 0.03 -0.41	19.10 0.06 -3.26	14.69 0.02 -8.96	16.77 0.05 -8.04	26.66 0.13 -11.98	15.30 -0.04 -18.11	12.80 -0.02 -12.80	26.60 0.26 -2.19	25.56 0.17 -0.19	22.42 0.18 -0.25
GREENLWN_69_KV_BK 3 55738	36.68 1.65 0.00	31.29 1.60 0.00	24.85 1.22 0.00	24.21 1.13 0.00	22.40 1.06 0.00	19.67 1.02 0.00	18.75 1.13 0.00	24.28 1.43 0.00	25.80 1.48 0.00	26.99 1.63 0.73	27.90 1.87 5.34	33.23 1.82 0.00	31.24 1.70 0.00	27.99 1.56 0.00	28.87 1.57 -1.28	26.78 0.90 -10.10	33.76 0.31 -27.75	34.02 0.45 -24.88	52.39 0.75 -37.09	53.15 -0.14 -56.06	39.69 0.03 -39.63	32.46 1.53 -6.78	27.46 1.67 -0.60	24.31 1.56 -0.77
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77
GRISSOM___SOLAR 323813	36.76 1.73 0.00	31.30 1.61 0.00	24.85 1.21 0.00	24.23 1.15 0.00	22.44 1.09 0.00	19.64 0.99 0.00	18.62 1.00 0.00	24.18 1.34 0.00	25.79 1.47 0.00	27.64 1.54 0.00	33.19 1.82 0.00	33.10 1.69 0.00	30.99 1.46 0.00	27.90 1.47 0.00	29.10 1.48 -1.60	29.17 0.79 -12.59	40.67 0.39 -34.59	40.24 0.55 -31.00	61.82 1.04 -46.22	66.90 -0.19 -69.87	49.42 0.00 -49.40	34.16 1.55 -8.45	27.49 1.55 -0.75	24.21 1.26 -0.96
GROVEVILLE___HYD 323602	36.70 1.68 0.00	31.07 1.37 0.00	24.72 1.09 0.00	24.14 1.05 0.00	22.31 0.96 0.00	19.58 0.93 0.00	18.58 0.97 0.00	24.11 1.26 0.00	25.70 1.37 0.00	27.53 1.43 0.00	33.01 1.64 0.00	33.08 1.67 0.00	31.23 1.69 0.00	27.97 1.54 0.00	28.77 1.48 -1.27	26.70 0.91 -10.01	33.52 0.32 -27.50	33.83 0.49 -24.65	52.12 0.82 -36.75	52.61 -0.16 -55.55	39.29 0.00 -39.27	32.40 1.53 -6.72	27.32 1.53 -0.59	24.08 1.33 -0.76
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.28 0.25 0.00	29.82 0.12 0.00	23.73 0.10 0.00	23.10 0.02 0.00	21.34 -0.01 0.00	18.67 0.01 0.00	17.63 0.01 0.00	22.87 0.02 0.00	24.30 -0.02 0.00	26.06 -0.03 0.00	31.34 -0.04 0.00	31.37 -0.04 0.00	29.65 0.11 0.00	26.55 0.12 0.00	26.47 0.16 -0.29	18.20 0.11 -2.30	12.06 0.03 -6.33	14.43 0.07 -5.67	23.14 0.13 -8.46	9.98 -0.03 -12.79	9.05 -0.01 -9.04	25.94 0.24 -1.55	25.52 0.19 -0.14	22.32 0.16 -0.18
HAMLTNNY_34_KV_TB 80303	35.42 0.38 0.00	29.94 0.24 0.00	23.80 0.17 0.00	23.17 0.08 0.00	21.41 0.07 0.00	18.74 0.09 0.00	17.70 0.08 0.00	22.95 0.10 0.00	24.38 0.06 0.00	26.15 0.05 0.00	31.44 0.06 0.00	31.47 0.05 0.00	29.77 0.23 0.00	26.64 0.21 0.00	26.58 0.25 -0.31	18.38 0.18 -2.42	12.38 0.05 -6.64	14.74 0.10 -5.95	23.61 0.19 -8.87	10.58 -0.05 -13.41	9.49 -0.01 -9.48	26.11 0.34 -1.62	25.62 0.29 -0.14	22.42 0.24 -0.18
HAMPSHIRE___PAPER_HYD 323593	35.14 0.11 0.00	29.87 0.17 0.00	23.78 0.15 0.00	23.23 0.15 0.00	21.47 0.13 0.00	18.76 0.11 0.00	17.71 0.08 0.00	23.06 0.21 0.00	24.57 0.25 0.00	26.37 0.28 0.00	31.66 0.29 0.00	31.35 -0.07 0.00	29.02 -0.52 0.00	25.94 -0.49 0.00	25.59 -0.51 -0.07	15.99 -0.37 -0.58	7.14 -0.15 -1.59	9.85 -0.26 -1.42	16.25 -0.42 -2.12	0.52 0.09 -3.20	4.10 0.03 -4.05	28.58 -0.75 -5.18	29.59 -0.55 -4.95	26.13 -0.47 -4.61
HARDSCRABBLE_WT_PWR 323673	35.83 0.80 0.00	30.31 0.62 0.00	24.13 0.50 0.00	23.59 0.50 0.00	21.79 0.44 0.00	19.14 0.48 0.00	18.07 0.45 0.00	23.40 0.55 0.00	24.88 0.56 0.00	26.68 0.58 0.00	32.01 0.64 0.00	32.12 0.71 0.00	30.09 0.55 0.00	26.67 0.23 0.00	26.27 0.22 -0.03	16.16 0.13 -0.25	6.46 0.08 -0.68	9.42 0.12 -0.61	15.71 0.25 -0.91	-1.44 -0.05 -1.38	0.99 0.00 -0.97	24.55 0.24 -0.17	25.34 0.13 -0.02	22.06 0.06 -0.02
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.53 1.50 0.00	30.94 1.24 0.00	24.60 0.97 0.00	23.99 0.91 0.00	22.16 0.82 0.00	19.47 0.81 0.00	18.49 0.87 0.00	24.08 1.23 0.00	25.63 1.31 0.00	27.45 1.36 0.00	32.88 1.51 0.00	32.95 1.54 0.00	31.12 1.58 0.00	27.88 1.45 0.00	28.60 1.40 -1.17	25.89 0.86 -9.24	31.39 0.29 -25.39	31.91 0.46 -22.76	49.27 0.78 -33.93	48.36 -0.16 -51.29	36.28 0.00 -36.26	31.87 1.51 -6.20	27.23 1.49 -0.55	23.99 1.30 -0.70

HARSNRAD_115KV_TB1 81005	34.44 -0.59 0.00	29.07 -0.63 0.00	23.14 -0.49 0.00	22.19 -0.90 0.00	20.45 -0.90 0.00	17.85 -0.81 0.00	16.75 -0.87 0.00	21.64 -1.21 0.00	22.75 -1.58 0.00	24.51 -1.59 0.00	29.83 -1.55 0.00	29.98 -1.44 0.00	28.85 -0.69 0.00	25.72 -0.72 0.00	25.49 -0.89 -0.36	18.05 -0.55 -2.81	13.12 -0.30 -7.72	15.32 -0.29 -6.92	24.32 -0.55 -10.31	12.82 0.00 -15.59	11.00 -0.04 -11.02	25.53 -0.51 -1.89	24.91 -0.45 -0.17	22.02 -0.18 -0.21
HARZA MOOSE__RIVER 24016	35.75 0.71 0.00	30.27 0.57 0.00	24.09 0.46 0.00	23.51 0.42 0.00	21.70 0.36 0.00	18.99 0.33 0.00	17.94 0.33 0.00	23.37 0.52 0.00	24.89 0.57 0.00	26.69 0.59 0.00	32.01 0.64 0.00	31.78 0.37 0.00	29.68 0.14 0.00	26.54 0.11 0.00	26.24 0.13 -0.09	16.50 0.02 -0.69	7.61 0.00 -1.90	10.38 -0.02 -1.71	17.10 0.01 -2.55	1.07 0.00 -3.85	3.27 0.00 -3.24	25.85 -0.17 -1.87	26.64 -0.03 -1.47	23.35 -0.02 -1.39
HDSNBRDG_115KV_BRDG_TB1 355580	34.97 -0.06 0.00	29.58 -0.11 0.00	23.54 -0.10 0.00	22.91 -0.17 0.00	21.16 -0.18 0.00	18.50 -0.15 0.00	17.47 -0.15 0.00	22.67 -0.18 0.00	24.09 -0.23 0.00	25.85 -0.25 0.00	31.08 -0.29 0.00	31.13 -0.29 0.00	29.42 -0.12 0.00	26.34 -0.09 0.00	26.24 -0.06 -0.28	17.93 -0.02 -2.17	11.65 -0.01 -5.96	14.03 -0.01 -5.34	22.52 0.00 -7.97	9.26 -0.01 -12.04	8.53 -0.01 -8.51	25.64 0.03 -1.46	25.32 -0.01 -0.13	22.14 -0.01 -0.17
HELLGATE_13_KV_LD 55870	36.43 1.40 0.00	30.91 1.21 0.00	24.58 0.95 0.00	23.99 0.91 0.00	22.18 0.84 0.00	19.46 0.81 0.00	18.51 0.89 0.00	23.98 1.14 0.00	25.61 1.28 0.00	27.45 1.35 0.00	32.82 1.45 0.00	32.88 1.46 0.00	31.10 1.56 0.00	27.88 1.45 0.00	28.67 1.37 -1.28	26.72 0.84 -10.10	33.74 0.29 -27.75	33.98 0.42 -24.87	52.31 0.67 -37.08	53.14 -0.13 -56.06	39.66 0.01 -39.63	32.35 1.42 -6.78	27.24 1.45 -0.60	24.01 1.26 -0.77
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.43 1.40 0.00	30.91 1.21 0.00	24.58 0.95 0.00	23.99 0.91 0.00	22.18 0.84 0.00	19.46 0.81 0.00	18.51 0.89 0.00	23.98 1.14 0.00	25.61 1.28 0.00	27.45 1.35 0.00	32.82 1.45 0.00	32.88 1.46 0.00	31.10 1.56 0.00	27.88 1.45 0.00	28.67 1.37 -1.28	26.72 0.84 -10.10	33.74 0.29 -27.75	33.98 0.42 -24.87	52.31 0.67 -37.08	53.14 -0.13 -56.06	39.66 0.01 -39.63	32.35 1.42 -6.78	27.24 1.45 -0.60	24.01 1.26 -0.77
HEMPSTEAD____ 23647	36.72 1.69 0.00	31.24 1.54 0.00	24.81 1.18 0.00	24.18 1.09 0.00	22.36 1.01 0.00	19.63 0.98 0.00	18.69 1.07 0.00	24.26 1.41 0.00	25.81 1.48 0.00	27.68 1.58 0.00	33.17 1.80 0.00	33.24 1.83 0.00	31.30 1.77 0.00	28.06 1.63 0.00	28.90 1.60 -1.28	26.81 0.93 -10.10	33.78 0.33 -27.75	34.04 0.47 -24.88	52.41 0.77 -37.09	53.14 -0.15 -56.06	39.68 0.02 -39.63	32.52 1.58 -6.78	27.46 1.67 -0.60	24.26 1.50 -0.77
HEWLETT__69_KV_BK3 55828	37.05 2.02 0.00	31.51 1.81 0.00	25.02 1.39 0.00	24.38 1.29 0.00	22.53 1.19 0.00	19.79 1.13 0.00	18.85 1.23 0.00	24.46 1.61 0.00	26.01 1.68 0.00	27.88 1.78 0.00	33.46 2.08 0.00	33.51 2.09 0.00	31.57 2.03 0.00	28.31 1.87 0.00	29.14 1.83 -1.28	26.96 1.08 -10.10	33.83 0.38 -27.75	34.12 0.56 -24.88	52.57 0.93 -37.09	53.11 -0.18 -56.06	39.69 0.03 -39.63	32.74 1.81 -6.78	27.69 1.90 -0.60	24.48 1.72 -0.77
HICKLING__1 23621	35.76 0.73 0.00	30.28 0.58 0.00	24.06 0.42 0.00	23.23 0.14 0.00	21.41 0.07 0.00	18.77 0.12 0.00	17.68 0.06 0.00	23.02 0.17 0.00	24.29 -0.03 0.00	26.00 -0.09 0.00	31.15 -0.22 0.00	31.12 -0.30 0.00	29.69 0.15 0.00	26.46 0.03 0.00	26.43 -0.07 -0.48	19.57 -0.04 -3.82	16.21 0.01 -10.50	18.10 0.00 -9.41	28.67 0.09 -14.03	18.43 -0.01 -21.21	15.00 -0.02 -14.99	26.93 0.21 -2.57	25.55 0.13 -0.23	22.47 0.19 -0.29
HICKLING__2 23622	35.76 0.73 0.00	30.28 0.58 0.00	24.06 0.42 0.00	23.23 0.14 0.00	21.41 0.07 0.00	18.77 0.12 0.00	17.68 0.06 0.00	23.02 0.17 0.00	24.29 -0.03 0.00	26.00 -0.09 0.00	31.15 -0.22 0.00	31.12 -0.30 0.00	29.69 0.15 0.00	26.46 0.03 0.00	26.43 -0.07 -0.48	19.57 -0.04 -3.82	16.21 0.01 -10.50	18.10 0.00 -9.41	28.67 0.09 -14.03	18.43 -0.01 -21.21	15.00 -0.02 -14.99	26.93 0.21 -2.57	25.55 0.13 -0.23	22.47 0.19 -0.29
HIGH FALLS__HY 23754	36.71 1.68 0.00	31.06 1.36 0.00	24.70 1.07 0.00	24.09 1.00 0.00	22.25 0.90 0.00	19.53 0.88 0.00	18.57 0.95 0.00	24.11 1.26 0.00	25.71 1.39 0.00	27.57 1.47 0.00	33.03 1.65 0.00	33.04 1.63 0.00	31.18 1.64 0.00	27.89 1.45 0.00	28.65 1.39 -1.25	26.48 0.87 -9.83	33.01 0.29 -27.01	33.38 0.48 -24.21	51.47 0.82 -36.09	51.62 -0.17 -54.56	38.60 0.00 -38.57	32.35 1.60 -6.60	27.37 1.59 -0.58	24.12 1.39 -0.75
HILLBURN__GT 23639	36.42 1.39 0.00	30.85 1.16 0.00	24.53 0.90 0.00	23.92 0.84 0.00	22.09 0.74 0.00	19.41 0.75 0.00	18.45 0.83 0.00	23.97 1.13 0.00	25.50 1.17 0.00	27.30 1.21 0.00	32.67 1.30 0.00	32.75 1.33 0.00	30.94 1.41 0.00	27.73 1.30 0.00	28.45 1.25 -1.18	25.82 0.77 -9.27	31.42 0.25 -25.47	31.92 0.40 -22.83	49.26 0.68 -34.04	48.53 -0.14 -51.45	36.40 0.00 -36.37	31.75 1.37 -6.22	27.10 1.35 -0.55	23.88 1.19 -0.71
HILLSIDE_115KV_TB1 80332	35.44 0.41 0.00	29.98 0.28 0.00	23.81 0.18 0.00	23.04 -0.05 0.00	21.24 -0.10 0.00	18.64 -0.02 0.00	17.56 -0.06 0.00	22.89 0.04 0.00	24.19 -0.14 0.00	25.89 -0.21 0.00	31.02 -0.35 0.00	31.01 -0.41 0.00	29.53 -0.01 0.00	26.35 -0.08 0.00	26.33 -0.19 -0.50	19.57 -0.12 -3.91	16.45 0.00 -10.74	18.27 -0.05 -9.63	28.93 0.03 -14.36	18.95 0.02 -21.71	15.36 -0.01 -15.35	26.90 0.12 -2.63	25.45 0.02 -0.23	22.37 0.08 -0.30
HISHELDN_WT_PWR 323625	34.78 -0.25 0.00	29.43 -0.27 0.00	23.42 -0.22 0.00	22.46 -0.63 0.00	20.66 -0.69 0.00	18.04 -0.61 0.00	16.94 -0.67 0.00	21.92 -0.93 0.00	23.00 -1.33 0.00	24.68 -1.42 0.00	29.85 -1.52 0.00	29.93 -1.49 0.00	28.81 -0.72 0.00	25.63 -0.80 0.00	25.42 -0.99 -0.39	18.30 -0.58 -3.09	13.90 -0.30 -8.50	15.98 -0.33 -7.62	25.36 -0.54 -11.35	14.44 0.05 -17.16	12.12 -0.04 -12.14	25.59 -0.64 -2.08	24.75 -0.63 -0.18	21.88 -0.34 -0.24
HOLTSVILLE_IC_1 23690	37.35 2.32 0.00	31.86 2.16 0.00	25.28 1.65 0.00	24.62 1.53 0.00	22.77 1.42 0.00	20.00 1.34 0.00	19.07 1.45 0.00	24.72 1.87 0.00	26.30 1.98 0.00	35.65 2.14 -7.41	57.40 2.42 -23.61	33.91 2.48 -0.02	31.82 2.28 0.00	28.50 2.07 0.00	29.39 2.08 -1.28	27.11 1.22 -10.10	33.88 0.43 -27.75	34.18 0.61 -24.88	52.67 1.03 -37.09	53.10 -0.19 -56.06	39.70 0.04 -39.64	32.98 2.04 -6.78	28.02 2.22 -0.60	24.79 2.03 -0.77
HOLTSVILLE_IC_10 23699	37.51 2.48 0.00	31.99 2.29 0.00	25.38 1.75 0.00	24.71 1.62 0.00	22.86 1.51 0.00	20.07 1.42 0.00	19.15 1.52 0.00	24.82 1.97 0.00	26.41 2.09 0.00	35.65 2.28 -7.28	59.40 2.60 -25.43	34.08 2.65 -0.02	31.97 2.43 0.00	28.63 2.20 0.00	29.52 2.22 -1.28	27.19 1.31 -10.10	33.92 0.46 -27.75	34.23 0.66 -24.88	52.75 1.11 -37.09	53.08 -0.20 -56.06	39.70 0.04 -39.64	33.11 2.17 -6.78	28.15 2.36 -0.60	24.90 2.14 -0.77

HOLTSVILLE_IC_2 23691	37.35 2.32 0.00	31.86 2.16 0.00	25.28 1.65 0.00	24.62 1.53 0.00	22.77 1.42 0.00	20.00 1.34 0.00	19.07 1.45 0.00	24.72 1.87 0.00	26.30 1.98 0.00	35.65 2.14 -7.41	57.40 2.42 -23.61	33.91 2.48 -0.02	31.82 2.28 0.00	28.50 2.07 0.00	29.39 2.08 -1.28	27.11 1.22 -10.10	33.88 0.43 -27.75	34.18 0.61 -24.88	52.67 1.03 -37.09	53.10 -0.19 -56.06	39.70 0.04 -39.64	32.98 2.04 -6.78	28.02 2.22 -0.60	24.79 2.03 -0.77
HOLTSVILLE_IC_3 23692	37.35 2.32 0.00	31.86 2.16 0.00	25.28 1.65 0.00	24.62 1.53 0.00	22.77 1.42 0.00	20.00 1.34 0.00	19.07 1.45 0.00	24.72 1.87 0.00	26.30 1.98 0.00	35.65 2.14 -7.41	57.40 2.42 -23.61	33.91 2.48 -0.02	31.82 2.28 0.00	28.50 2.07 0.00	29.39 2.08 -1.28	27.11 1.22 -10.10	33.88 0.43 -27.75	34.18 0.61 -24.88	52.67 1.03 -37.09	53.10 -0.19 -56.06	39.70 0.04 -39.64	32.98 2.04 -6.78	28.02 2.22 -0.60	24.79 2.03 -0.77
HOLTSVILLE_IC_4 23693	37.35 2.32 0.00	31.86 2.16 0.00	25.28 1.65 0.00	24.62 1.53 0.00	22.77 1.42 0.00	20.00 1.34 0.00	19.07 1.45 0.00	24.72 1.87 0.00	26.30 1.98 0.00	35.65 2.14 -7.41	57.40 2.42 -23.61	33.91 2.48 -0.02	31.82 2.28 0.00	28.50 2.07 0.00	29.39 2.08 -1.28	27.11 1.22 -10.10	33.88 0.43 -27.75	34.18 0.61 -24.88	52.67 1.03 -37.09	53.10 -0.19 -56.06	39.70 0.04 -39.64	32.98 2.04 -6.78	28.02 2.22 -0.60	24.79 2.03 -0.77
HOLTSVILLE_IC_5 23694	37.35 2.32 0.00	31.86 2.16 0.00	25.28 1.65 0.00	24.62 1.53 0.00	22.77 1.42 0.00	20.00 1.34 0.00	19.07 1.45 0.00	24.72 1.87 0.00	26.30 1.98 0.00	35.65 2.14 -7.41	57.40 2.42 -23.61	33.91 2.48 -0.02	31.82 2.28 0.00	28.50 2.07 0.00	29.39 2.08 -1.28	27.11 1.22 -10.10	33.88 0.43 -27.75	34.18 0.61 -24.88	52.67 1.03 -37.09	53.10 -0.19 -56.06	39.70 0.04 -39.64	32.98 2.04 -6.78	28.02 2.22 -0.60	24.79 2.03 -0.77
HOLTSVILLE_IC_6 23695	37.51 2.48 0.00	31.99 2.29 0.00	25.38 1.75 0.00	24.71 1.62 0.00	22.86 1.51 0.00	20.07 1.42 0.00	19.15 1.52 0.00	24.82 1.97 0.00	26.41 2.09 0.00	35.65 2.28 -7.28	59.40 2.60 -25.43	34.08 2.65 -0.02	31.97 2.43 0.00	28.63 2.20 0.00	29.52 2.22 -1.28	27.19 1.31 -10.10	33.92 0.46 -27.75	34.23 0.66 -24.88	52.75 1.11 -37.09	53.08 -0.20 -56.06	39.70 0.04 -39.64	33.11 2.17 -6.78	28.15 2.36 -0.60	24.90 2.14 -0.77
HOLTSVILLE_IC_7 23696	37.51 2.48 0.00	31.99 2.29 0.00	25.38 1.75 0.00	24.71 1.62 0.00	22.86 1.51 0.00	20.07 1.42 0.00	19.15 1.52 0.00	24.82 1.97 0.00	26.41 2.09 0.00	35.65 2.28 -7.28	59.40 2.60 -25.43	34.08 2.65 -0.02	31.97 2.43 0.00	28.63 2.20 0.00	29.52 2.22 -1.28	27.19 1.31 -10.10	33.92 0.46 -27.75	34.23 0.66 -24.88	52.75 1.11 -37.09	53.08 -0.20 -56.06	39.70 0.04 -39.64	33.11 2.17 -6.78	28.15 2.36 -0.60	24.90 2.14 -0.77
HOLTSVILLE_IC_8 23697	37.51 2.48 0.00	31.99 2.29 0.00	25.38 1.75 0.00	24.71 1.62 0.00	22.86 1.51 0.00	20.07 1.42 0.00	19.15 1.52 0.00	24.82 1.97 0.00	26.41 2.09 0.00	35.65 2.28 -7.28	59.40 2.60 -25.43	34.08 2.65 -0.02	31.97 2.43 0.00	28.63 2.20 0.00	29.52 2.22 -1.28	27.19 1.31 -10.10	33.92 0.46 -27.75	34.23 0.66 -24.88	52.75 1.11 -37.09	53.08 -0.20 -56.06	39.70 0.04 -39.64	33.11 2.17 -6.78	28.15 2.36 -0.60	24.90 2.14 -0.77
HOLTSVILLE_IC_9 23698	37.51 2.48 0.00	31.99 2.29 0.00	25.38 1.75 0.00	24.71 1.62 0.00	22.86 1.51 0.00	20.07 1.42 0.00	19.15 1.52 0.00	24.82 1.97 0.00	26.41 2.09 0.00	35.65 2.28 -7.28	59.40 2.60 -25.43	34.08 2.65 -0.02	31.97 2.43 0.00	28.63 2.20 0.00	29.52 2.22 -1.28	27.19 1.31 -10.10	33.92 0.46 -27.75	34.23 0.66 -24.88	52.75 1.11 -37.09	53.08 -0.20 -56.06	39.70 0.04 -39.64	33.11 2.17 -6.78	28.15 2.36 -0.60	24.90 2.14 -0.77
HOMER_HL_115KV_TB2 355744	36.04 1.01 0.00	30.50 0.80 0.00	24.23 0.60 0.00	23.26 0.18 0.00	21.42 0.07 0.00	18.81 0.16 0.00	17.71 0.09 0.00	23.04 0.19 0.00	24.26 -0.06 0.00	25.97 -0.12 0.00	31.35 -0.02 0.00	31.36 -0.06 0.00	30.10 0.57 0.00	26.81 0.38 0.00	26.53 0.11 -0.40	18.96 0.04 -3.14	14.28 -0.04 -8.62	16.48 0.06 -7.73	26.20 0.13 -11.52	14.56 -0.09 -17.42	12.31 -0.03 -12.32	26.87 0.61 -2.11	26.02 0.65 -0.19	22.87 0.64 -0.24
HOWARD_WT_PWR 323690	35.28 0.24 0.00	30.05 0.35 0.00	23.84 0.21 0.00	22.91 -0.18 0.00	21.11 -0.24 0.00	18.41 -0.24 0.00	17.26 -0.37 0.00	22.15 -0.70 0.00	23.22 -1.10 0.00	24.78 -1.32 0.00	29.70 -1.67 0.00	29.52 -1.90 0.00	28.44 -1.10 0.00	25.15 -1.28 0.00	25.06 -1.39 -0.43	18.39 -0.78 -3.38	14.67 -0.33 -9.30	16.55 -0.47 -8.33	26.29 -0.69 -12.43	16.13 0.12 -18.78	13.29 -0.02 -13.28	25.38 -1.04 -2.27	24.25 -1.15 -0.20	21.43 -0.81 -0.26
HQ_GEN_CEDARS 23644	35.02 -0.01 0.00	29.81 0.11 0.00	23.73 0.10 0.00	23.23 0.14 0.00	21.52 0.18 0.00	18.76 0.11 0.00	17.69 0.07 0.00	22.95 0.10 0.00	24.46 0.14 0.00	26.31 0.21 0.00	31.68 0.31 0.00	31.63 0.21 0.00	29.41 -0.13 0.00	26.27 -0.16 0.00	25.82 -0.20 0.00	15.65 -0.14 0.00	5.65 -0.05 0.00	8.59 -0.10 0.00	14.38 -0.17 0.00	-2.72 0.05 0.00	0.94 0.02 -0.89	26.19 -0.35 -2.39	27.38 -0.25 -2.45	24.05 -0.21 -2.28
HQ_GEN_CEDARS_PROXY 323590	35.02 -0.01 0.00	29.81 0.11 0.00	23.73 0.10 0.00	23.23 0.14 0.00	21.52 0.18 0.00	18.76 0.11 0.00	17.69 0.07 0.00	23.25 0.10 -0.30	24.46 0.14 0.00	26.31 0.21 0.00	31.68 0.31 0.00	31.63 0.21 0.00	29.41 -0.13 0.00	26.27 -0.16 0.00	25.82 -0.20 0.00	15.65 -0.14 0.00	5.65 -0.05 0.00	8.59 -0.10 0.00	14.38 -0.18 0.00	-2.72 0.05 0.00	0.94 0.02 -0.89	26.19 -0.34 -2.39	27.38 -0.25 -2.45	24.05 -0.21 -2.28
HQ_GEN_IMPORT 323601	34.83 -0.20 0.00	29.59 -0.11 0.00	23.55 -0.08 0.00	23.02 -0.06 0.00	21.31 -0.03 0.00	18.60 -0.05 0.00	17.31 -0.07 0.25	23.18 -0.08 -0.41	24.25 -0.08 0.00	26.05 -0.05 0.00	30.99 -0.03 0.36	31.37 -0.05 0.00	29.37 -0.17 0.00	26.26 -0.18 0.00	25.84 -0.19 0.00	15.66 -0.12 0.00	5.66 -0.04 0.00	8.62 -0.07 0.00	14.42 -0.13 0.00	-1.97 0.04 -0.77	0.03 0.01 0.00	23.87 -0.29 0.00	24.94 -0.26 0.00	21.77 -0.22 0.00
HQ_GEN_WHEEL 23651	34.83 -0.20 0.00	29.59 -0.11 0.00	23.55 -0.08 0.00	23.02 -0.06 0.00	21.31 -0.03 0.00	18.60 -0.05 0.00	17.31 -0.07 0.25	23.18 -0.08 -0.41	24.25 -0.08 0.00	26.05 -0.05 0.00	30.99 -0.03 0.36	31.37 -0.05 0.00	29.37 -0.17 0.00	26.26 -0.18 0.00	25.84 -0.19 0.00	15.66 -0.12 0.00	5.66 -0.04 0.00	8.62 -0.07 0.00	14.42 -0.13 0.00	-1.97 0.04 -0.77	0.03 0.01 0.00	23.87 -0.29 0.00	24.94 -0.26 0.00	21.77 -0.22 0.00
HUDSON_AVE_GT_3 23810	36.67 1.64 0.00	31.08 1.38 0.00	24.74 1.11 0.00	24.13 1.05 0.00	22.30 0.95 0.00	19.56 0.90 0.00	18.60 0.98 0.00	24.12 1.27 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.04 1.63 0.00	31.26 1.72 0.00	28.02 1.59 0.00	28.81 1.51 -1.28	26.81 0.93 -10.10	33.77 0.32 -27.75	34.03 0.46 -24.87	52.40 0.77 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.46 1.53 -6.78	27.36 1.57 -0.60	24.13 1.37 -0.77

HUDSON AVE_GT_4 23540	36.67 1.64 0.00	31.08 1.38 0.00	24.74 1.11 0.00	24.13 1.05 0.00	22.30 0.95 0.00	19.56 0.90 0.00	18.60 0.98 0.00	24.12 1.27 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.04 1.63 0.00	31.26 1.72 0.00	28.02 1.59 0.00	28.81 1.51 -1.28	26.81 0.93 -10.10	33.77 0.32 -27.75	34.03 0.46 -24.87	52.40 0.77 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.46 1.53 -6.78	27.36 1.57 -0.60	24.13 1.37 -0.77
HUDSON AVE_GT_5 23657	36.67 1.64 0.00	31.08 1.38 0.00	24.74 1.11 0.00	24.13 1.05 0.00	22.30 0.95 0.00	19.56 0.90 0.00	18.60 0.98 0.00	24.12 1.27 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.04 1.63 0.00	31.26 1.72 0.00	28.02 1.59 0.00	28.81 1.51 -1.28	26.81 0.93 -10.10	33.77 0.32 -27.75	34.03 0.46 -24.87	52.40 0.77 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.46 1.53 -6.78	27.36 1.57 -0.60	24.13 1.37 -0.77
HUDSON_AVE_10 24168	36.52 1.49 0.00	30.95 1.25 0.00	24.63 1.00 0.00	24.04 0.96 0.00	22.21 0.86 0.00	19.49 0.83 0.00	18.55 0.93 0.00	24.05 1.21 0.00	25.66 1.33 0.00	27.49 1.39 0.00	32.87 1.50 0.00	32.93 1.52 0.00	31.15 1.61 0.00	27.92 1.49 0.00	28.72 1.42 -1.28	26.76 0.88 -10.10	33.75 0.29 -27.75	33.99 0.42 -24.87	52.34 0.71 -37.08	53.14 -0.14 -56.05	39.65 0.00 -39.63	32.36 1.43 -6.78	27.26 1.46 -0.60	24.04 1.28 -0.77
HUDSON___115KV_TB 4 355613	36.64 1.61 0.00	31.00 1.30 0.00	24.66 1.03 0.00	24.13 1.05 0.00	22.31 0.97 0.00	19.55 0.89 0.00	18.50 0.88 0.00	23.98 1.14 0.00	25.60 1.28 0.00	27.45 1.35 0.00	32.98 1.60 0.00	33.11 1.69 0.00	31.16 1.62 0.00	27.91 1.48 0.00	28.92 1.38 -1.51	28.54 0.85 -11.91	38.74 0.32 -32.71	38.50 0.49 -29.32	59.11 0.84 -43.72	63.14 -0.17 -66.08	46.74 0.00 -46.72	33.52 1.38 -7.99	27.26 1.36 -0.71	24.04 1.14 -0.91
HUNTER MOUNT___DRP 323613	36.86 1.83 0.00	31.18 1.48 0.00	24.81 1.17 0.00	24.28 1.20 0.00	22.46 1.11 0.00	19.67 1.02 0.00	18.61 0.99 0.00	24.14 1.29 0.00	25.78 1.46 0.00	27.64 1.54 0.00	33.23 1.85 0.00	33.39 1.97 0.00	31.39 1.85 0.00	28.09 1.66 0.00	29.02 1.53 -1.47	28.31 0.95 -11.57	37.88 0.37 -31.80	37.75 0.55 -28.51	58.01 0.97 -42.50	61.27 -0.19 -64.24	45.44 0.00 -45.42	33.46 1.54 -7.77	27.40 1.52 -0.69	24.14 1.27 -0.88
HUNTINGTON_RES_REC 323705	36.96 1.93 0.00	31.53 1.83 0.00	25.02 1.39 0.00	24.38 1.29 0.00	22.55 1.20 0.00	19.80 1.15 0.00	18.89 1.27 0.00	24.46 1.61 0.00	26.02 1.70 0.00	25.21 1.85 2.74	15.82 2.12 17.67	33.52 2.12 0.02	31.49 1.95 0.00	28.20 1.77 0.00	29.09 1.79 -1.28	26.92 1.04 -10.10	33.82 0.36 -27.75	34.08 0.52 -24.87	52.51 0.87 -37.09	53.13 -0.16 -56.06	39.69 0.03 -39.63	32.68 1.75 -6.78	27.71 1.92 -0.60	24.52 1.76 -0.77
HUNTLEY___63 23557	34.60 -0.43 0.00	29.19 -0.51 0.00	23.22 -0.41 0.00	22.27 -0.82 0.00	20.52 -0.83 0.00	17.92 -0.74 0.00	16.82 -0.81 0.00	21.75 -1.10 0.00	22.87 -1.45 0.00	24.65 -1.45 0.00	29.99 -1.38 0.00	30.13 -1.29 0.00	29.01 -0.54 0.00	25.88 -0.55 0.00	25.68 -0.71 -0.36	18.21 -0.44 -2.87	13.34 -0.24 -7.88	15.51 -0.24 -7.06	24.63 -0.45 -10.53	13.14 0.00 -15.91	11.24 -0.03 -11.25	25.73 -0.35 -1.92	25.09 -0.27 -0.17	22.16 -0.04 -0.22
HUNTLEY___64 23558	34.60 -0.43 0.00	29.19 -0.51 0.00	23.22 -0.41 0.00	22.27 -0.82 0.00	20.52 -0.83 0.00	17.92 -0.74 0.00	16.82 -0.81 0.00	21.75 -1.10 0.00	22.87 -1.45 0.00	24.65 -1.45 0.00	29.99 -1.38 0.00	30.13 -1.29 0.00	29.01 -0.54 0.00	25.88 -0.55 0.00	25.68 -0.71 -0.36	18.21 -0.44 -2.87	13.34 -0.24 -7.88	15.51 -0.24 -7.06	24.63 -0.45 -10.53	13.14 0.00 -15.91	11.24 -0.03 -11.25	25.73 -0.35 -1.92	25.09 -0.27 -0.17	22.16 -0.04 -0.22
HUNTLEY___65 23559	34.60 -0.43 0.00	29.19 -0.51 0.00	23.22 -0.41 0.00	22.27 -0.82 0.00	20.52 -0.83 0.00	17.92 -0.74 0.00	16.82 -0.81 0.00	21.75 -1.10 0.00	22.87 -1.45 0.00	24.65 -1.45 0.00	29.99 -1.38 0.00	30.13 -1.29 0.00	29.01 -0.54 0.00	25.88 -0.55 0.00	25.68 -0.71 -0.36	18.21 -0.44 -2.87	13.34 -0.24 -7.88	15.51 -0.24 -7.06	24.63 -0.45 -10.53	13.14 0.00 -15.91	11.24 -0.03 -11.25	25.73 -0.35 -1.92	25.09 -0.27 -0.17	22.16 -0.04 -0.22
HUNTLEY___66 23560	34.60 -0.43 0.00	29.19 -0.51 0.00	23.22 -0.41 0.00	22.27 -0.82 0.00	20.52 -0.83 0.00	17.92 -0.74 0.00	16.82 -0.81 0.00	21.75 -1.10 0.00	22.87 -1.45 0.00	24.65 -1.45 0.00	29.99 -1.38 0.00	30.13 -1.29 0.00	29.01 -0.54 0.00	25.88 -0.55 0.00	25.68 -0.71 -0.36	18.21 -0.44 -2.87	13.34 -0.24 -7.88	15.51 -0.24 -7.06	24.63 -0.45 -10.53	13.14 0.00 -15.91	11.24 -0.03 -11.25	25.73 -0.35 -1.92	25.09 -0.27 -0.17	22.16 -0.04 -0.22
HUNTLEY___67 23561	34.46 -0.57 0.00	29.08 -0.62 0.00	23.14 -0.49 0.00	22.19 -0.90 0.00	20.44 -0.91 0.00	17.86 -0.80 0.00	16.75 -0.87 0.00	21.68 -1.17 0.00	22.81 -1.51 0.00	24.57 -1.53 0.00	29.87 -1.50 0.00	30.00 -1.42 0.00	28.87 -0.67 0.00	25.73 -0.70 0.00	25.51 -0.87 -0.37	18.15 -0.55 -2.91	13.40 -0.29 -7.99	15.56 -0.29 -7.16	24.70 -0.52 -10.67	13.37 0.01 -16.13	11.39 -0.04 -11.41	25.63 -0.47 -1.95	24.95 -0.42 -0.17	22.02 -0.18 -0.22
HUNTLEY___68 23562	34.46 -0.57 0.00	29.08 -0.62 0.00	23.14 -0.49 0.00	22.19 -0.90 0.00	20.44 -0.91 0.00	17.86 -0.80 0.00	16.75 -0.87 0.00	21.68 -1.17 0.00	22.81 -1.51 0.00	24.57 -1.53 0.00	29.87 -1.50 0.00	30.00 -1.42 0.00	28.87 -0.67 0.00	25.73 -0.70 0.00	25.51 -0.87 -0.37	18.15 -0.55 -2.91	13.40 -0.29 -7.99	15.56 -0.29 -7.16	24.70 -0.52 -10.67	13.37 0.01 -16.13	11.39 -0.04 -11.41	25.63 -0.47 -1.95	24.95 -0.42 -0.17	22.02 -0.18 -0.22
HYLAND___LFGE 323620	36.38 1.35 0.00	30.75 1.05 0.00	24.44 0.81 0.00	23.56 0.47 0.00	21.71 0.37 0.00	18.98 0.32 0.00	17.93 0.30 0.00	23.27 0.42 0.00	24.59 0.26 0.00	26.34 0.25 0.00	31.29 -0.09 0.00	31.23 -0.19 0.00	29.91 0.38 0.00	26.43 0.00 0.00	26.48 0.07 -0.38	18.75 -0.04 -3.01	14.07 0.10 -8.27	16.33 0.22 -7.41	26.04 0.44 -11.05	13.79 -0.14 -16.70	11.80 -0.04 -11.81	27.05 0.87 -2.02	26.15 0.78 -0.18	22.91 0.70 -0.23
INDECK___CORINTH 23802	36.61 1.58 0.00	30.93 1.23 0.00	24.55 0.92 0.00	24.07 0.99 0.00	22.29 0.94 0.00	19.54 0.89 0.00	18.39 0.77 0.00	23.83 0.98 0.00	25.53 1.21 0.00	27.35 1.25 0.00	32.90 1.53 0.00	33.15 1.73 0.00	31.24 1.70 0.00	28.02 1.59 0.00	29.10 1.48 -1.59	29.22 0.91 -12.53	40.48 0.35 -34.43	40.06 0.51 -30.86	61.41 0.86 -46.01	66.60 -0.16 -69.54	49.18 -0.01 -49.17	33.77 1.20 -8.41	27.13 1.19 -0.74	23.98 1.03 -0.96
INDECK___ILION 23567	35.53 0.50 0.00	30.08 0.39 0.00	23.93 0.30 0.00	23.40 0.31 0.00	21.63 0.28 0.00	18.95 0.29 0.00	17.90 0.28 0.00	23.21 0.36 0.00	24.72 0.40 0.00	26.51 0.41 0.00	31.84 0.47 0.00	31.92 0.51 0.00	29.99 0.45 0.00	26.76 0.33 0.00	26.38 0.33 -0.03	16.23 0.19 -0.25	6.47 0.08 -0.68	9.43 0.13 -0.61	15.71 0.25 -0.91	-1.45 -0.05 -1.38	0.99 0.00 -0.97	24.67 0.36 -0.17	25.50 0.30 -0.02	22.24 0.23 -0.02

INDECK___OLEAN 23982	36.04 1.01 0.00	30.49 0.80 0.00	24.23 0.60 0.00	23.26 0.18 0.00	21.42 0.07 0.00	18.81 0.16 0.00	17.71 0.09 0.00	23.03 0.19 0.00	24.26 -0.06 0.00	25.97 -0.13 0.00	31.35 -0.02 0.00	31.35 -0.06 0.00	30.10 0.56 0.00	26.81 0.38 0.00	26.53 0.11 -0.40	18.97 0.05 -3.14	14.28 -0.04 -8.62	16.48 0.06 -7.73	26.20 0.13 -11.52	14.56 -0.09 -17.42	12.31 -0.03 -12.32	26.88 0.62 -2.11	26.03 0.65 -0.19	22.87 0.64 -0.24
INDECK___OSWEGO 23783	34.38 -0.64 0.00	29.11 -0.59 0.00	23.17 -0.46 0.00	22.58 -0.50 0.00	20.85 -0.49 0.00	18.21 -0.44 0.00	17.19 -0.43 0.00	22.32 -0.53 0.00	23.73 -0.60 0.00	25.46 -0.64 0.00	30.60 -0.77 0.00	30.63 -0.79 0.00	28.88 -0.66 0.00	25.86 -0.57 0.00	25.74 -0.50 -0.22	17.23 -0.31 -1.76	10.41 -0.12 -4.83	12.85 -0.17 -4.33	20.73 -0.27 -6.46	7.03 0.05 -9.76	6.92 -0.01 -6.90	24.91 -0.43 -1.18	24.85 -0.45 -0.10	21.72 -0.40 -0.13
INDECK___YERKES 23781	34.64 -0.39 0.00	29.20 -0.49 0.00	23.25 -0.38 0.00	22.29 -0.80 0.00	20.54 -0.81 0.00	17.94 -0.72 0.00	16.83 -0.79 0.00	21.77 -1.08 0.00	22.90 -1.42 0.00	24.68 -1.42 0.00	30.02 -1.35 0.00	30.16 -1.26 0.00	29.03 -0.50 0.00	25.91 -0.53 0.00	25.71 -0.68 -0.36	18.23 -0.42 -2.87	13.34 -0.24 -7.88	15.52 -0.23 -7.06	24.64 -0.44 -10.53	13.14 0.00 -15.91	11.24 -0.03 -11.25	25.77 -0.31 -1.92	25.11 -0.25 -0.17	22.18 -0.02 -0.22
INDIAN POINT_GT_1 24139	36.41 1.38 0.00	30.85 1.16 0.00	24.55 0.92 0.00	23.95 0.86 0.00	22.13 0.79 0.00	19.43 0.77 0.00	18.46 0.84 0.00	23.94 1.09 0.00	25.50 1.17 0.00	27.31 1.22 0.00	32.70 1.33 0.00	32.77 1.35 0.00	30.95 1.42 0.00	27.75 1.31 0.00	28.54 1.26 -1.26	26.48 0.77 -9.93	33.25 0.26 -27.28	33.54 0.40 -24.46	51.67 0.66 -36.46	52.20 -0.13 -55.11	38.99 0.00 -38.97	32.15 1.34 -6.67	27.13 1.35 -0.59	23.93 1.19 -0.76
INDIAN POINT_GT_2 23659	36.41 1.38 0.00	30.85 1.16 0.00	24.55 0.92 0.00	23.95 0.86 0.00	22.13 0.79 0.00	19.43 0.77 0.00	18.46 0.84 0.00	23.94 1.09 0.00	25.50 1.17 0.00	27.31 1.22 0.00	32.70 1.33 0.00	32.77 1.35 0.00	30.95 1.42 0.00	27.75 1.31 0.00	28.54 1.26 -1.26	26.48 0.77 -9.93	33.25 0.26 -27.28	33.54 0.40 -24.46	51.67 0.66 -36.46	52.20 -0.13 -55.11	38.99 0.00 -38.97	32.15 1.34 -6.67	27.13 1.35 -0.59	23.93 1.19 -0.76
INDIAN POINT_GT_3 24019	36.41 1.38 0.00	30.85 1.16 0.00	24.55 0.92 0.00	23.95 0.86 0.00	22.13 0.79 0.00	19.43 0.77 0.00	18.46 0.84 0.00	23.94 1.09 0.00	25.50 1.17 0.00	27.31 1.22 0.00	32.70 1.33 0.00	32.77 1.35 0.00	30.95 1.42 0.00	27.75 1.31 0.00	28.54 1.26 -1.26	26.48 0.77 -9.93	33.25 0.26 -27.28	33.54 0.40 -24.46	51.67 0.66 -36.46	52.20 -0.13 -55.11	38.99 0.00 -38.97	32.15 1.34 -6.67	27.13 1.35 -0.59	23.93 1.19 -0.76
INDIAN POINT___2 23530	36.38 1.35 0.00	30.83 1.13 0.00	24.52 0.89 0.00	23.92 0.83 0.00	22.09 0.75 0.00	19.40 0.75 0.00	18.44 0.82 0.00	23.93 1.08 0.00	25.48 1.15 0.00	27.29 1.19 0.00	32.67 1.29 0.00	32.73 1.31 0.00	30.93 1.39 0.00	27.71 1.28 0.00	28.47 1.23 -1.22	26.15 0.76 -9.61	32.37 0.25 -26.41	32.75 0.39 -23.68	50.50 0.65 -35.30	50.44 -0.13 -53.35	37.75 0.00 -37.72	31.93 1.33 -6.45	27.09 1.32 -0.57	23.89 1.17 -0.73
INDIAN POINT___3 23531	36.46 1.43 0.00	30.88 1.18 0.00	24.57 0.94 0.00	23.99 0.91 0.00	22.17 0.83 0.00	19.46 0.80 0.00	18.48 0.86 0.00	23.94 1.10 0.00	25.52 1.19 0.00	27.34 1.24 0.00	32.73 1.36 0.00	32.81 1.40 0.00	31.00 1.46 0.00	27.79 1.36 0.00	28.60 1.29 -1.29	26.74 0.79 -10.17	33.92 0.27 -27.94	34.14 0.40 -25.05	52.57 0.67 -37.34	53.54 -0.13 -56.45	39.93 0.00 -39.91	32.32 1.34 -6.83	27.15 1.36 -0.60	23.96 1.20 -0.78
INGHAM_C_115KV_TB7 356103	35.98 0.95 0.00	30.40 0.70 0.00	24.19 0.56 0.00	23.67 0.59 0.00	21.87 0.53 0.00	19.22 0.56 0.00	18.16 0.54 0.00	23.53 0.68 0.00	25.07 0.75 0.00	26.87 0.77 0.00	32.26 0.89 0.00	32.39 0.97 0.00	30.40 0.86 0.00	27.04 0.60 0.00	26.63 0.58 -0.03	16.37 0.34 -0.25	6.54 0.15 -0.68	9.54 0.24 -0.61	15.92 0.46 -0.91	-1.49 -0.09 -1.38	0.99 -0.01 -0.97	24.94 0.62 -0.17	25.72 0.51 -0.02	22.38 0.37 -0.02
IP CORINTH___1 23988	36.61 1.58 0.00	30.93 1.23 0.00	24.55 0.92 0.00	24.07 0.99 0.00	22.29 0.94 0.00	19.54 0.89 0.00	18.39 0.77 0.00	23.83 0.98 0.00	25.53 1.21 0.00	27.35 1.25 0.00	32.90 1.53 0.00	33.15 1.74 0.00	31.24 1.70 0.00	28.02 1.59 0.00	29.10 1.48 -1.59	29.22 0.91 -12.53	40.48 0.35 -34.43	40.06 0.51 -30.86	61.41 0.86 -46.01	66.60 -0.16 -69.54	49.18 -0.01 -49.17	33.76 1.20 -8.41	27.13 1.19 -0.74	23.97 1.03 -0.96
IP___TICONDEROGA 23804	38.74 3.71 0.00	32.62 2.93 0.00	25.77 2.13 0.00	25.36 2.28 0.00	23.55 2.21 0.00	20.67 2.02 0.00	19.25 1.63 0.00	24.86 2.01 0.00	26.82 2.50 0.00	28.67 2.57 0.00	34.56 3.19 0.00	35.11 3.70 0.00	33.06 3.52 0.00	29.59 3.16 0.00	30.52 2.91 -1.59	30.15 1.84 -12.52	40.85 0.74 -34.41	40.54 1.01 -30.84	62.18 1.65 -45.98	66.42 -0.30 -69.50	49.13 -0.04 -49.14	34.73 2.17 -8.41	28.17 2.23 -0.74	24.92 1.98 -0.96
ISLIP_RES_REC 323679	37.63 2.60 0.00	32.09 2.39 0.00	25.45 1.82 0.00	24.78 1.69 0.00	22.92 1.58 0.00	20.13 1.47 0.00	19.20 1.58 0.00	24.90 2.05 0.00	26.51 2.18 0.00	35.13 2.38 -6.66	57.26 2.73 -23.15	34.22 2.78 -0.02	32.09 2.56 0.00	28.73 2.30 0.00	29.62 2.32 -1.28	27.25 1.37 -10.10	33.94 0.48 -27.75	34.27 0.70 -24.88	52.81 1.17 -37.09	53.07 -0.22 -56.06	39.70 0.04 -39.64	33.20 2.27 -6.78	28.25 2.45 -0.60	24.97 2.21 -0.77
JAMAICA___27_KV_LOAD 355505	36.64 1.61 0.00	31.07 1.37 0.00	24.70 1.06 0.00	24.12 1.04 0.00	22.29 0.94 0.00	19.58 0.93 0.00	18.70 1.08 0.00	24.22 1.38 0.00	25.84 1.52 0.00	27.69 1.59 0.00	33.08 1.70 0.00	33.14 1.73 0.00	31.34 1.80 0.00	28.08 1.65 0.00	28.88 1.58 -1.28	26.85 0.97 -10.10	33.77 0.31 -27.75	34.03 0.47 -24.87	52.41 0.78 -37.08	53.12 -0.16 -56.05	39.65 0.00 -39.63	32.48 1.55 -6.78	27.39 1.60 -0.60	24.15 1.39 -0.77
JANIS___SOLAR 323808	36.75 1.72 0.00	31.07 1.37 0.00	24.69 1.06 0.00	23.98 0.90 0.00	22.09 0.74 0.00	19.34 0.68 0.00	18.26 0.64 0.00	23.73 0.88 0.00	25.21 0.89 0.00	27.01 0.91 0.00	32.34 0.96 0.00	32.25 0.83 0.00	30.32 0.78 0.00	27.02 0.59 0.00	27.31 0.77 -0.52	20.40 0.54 -4.08	17.11 0.19 -11.21	19.05 0.31 -10.05	30.08 0.54 -14.99	19.77 -0.11 -22.65	16.03 -0.01 -16.02	27.70 0.81 -2.74	26.16 0.73 -0.24	22.87 0.58 -0.31
JARVIS____ 23743	35.16 0.13 0.00	29.79 0.09 0.00	23.70 0.07 0.00	23.16 0.08 0.00	21.41 0.07 0.00	18.73 0.07 0.00	17.69 0.07 0.00	22.94 0.09 0.00	24.42 0.10 0.00	26.20 0.10 0.00	31.47 0.10 0.00	31.51 0.09 0.00	29.62 0.09 0.00	26.50 0.07 0.00	26.13 0.07 -0.03	16.08 0.05 -0.25	6.41 0.03 -0.68	9.33 0.03 -0.61	15.52 0.06 -0.91	-1.41 -0.01 -1.38	0.99 0.00 -0.97	24.40 0.08 -0.17	25.28 0.08 -0.02	22.07 0.07 -0.02

JENNISON___1 23625	36.86 1.83 0.00	31.16 1.46 0.00	24.77 1.14 0.00	24.06 0.98 0.00	22.06 0.71 0.00	19.30 0.64 0.00	18.17 0.55 0.00	23.49 0.64 0.00	24.93 0.61 0.00	26.76 0.66 0.00	32.05 0.67 0.00	31.92 0.51 0.00	30.03 0.49 0.00	26.77 0.34 0.00	27.09 0.44 -0.63	21.05 0.28 -4.99	19.51 0.11 -13.70	21.13 0.16 -12.28	33.06 0.21 -18.30	24.85 -0.04 -27.67	19.57 -0.02 -19.56	27.82 0.32 -3.35	25.71 0.22 -0.30	22.51 0.14 -0.38
JENNISON___2 23626	36.86 1.83 0.00	31.16 1.46 0.00	24.77 1.14 0.00	24.06 0.98 0.00	22.06 0.71 0.00	19.30 0.64 0.00	18.17 0.55 0.00	23.49 0.64 0.00	24.93 0.61 0.00	26.76 0.66 0.00	32.05 0.67 0.00	31.92 0.51 0.00	30.03 0.49 0.00	26.77 0.34 0.00	27.09 0.44 -0.63	21.05 0.28 -4.99	19.51 0.11 -13.70	21.13 0.16 -12.28	33.06 0.21 -18.30	24.85 -0.04 -27.67	19.57 -0.02 -19.56	27.82 0.32 -3.35	25.71 0.22 -0.30	22.51 0.14 -0.38
JERICHO_RISE_WT_PWR 323719	34.86 -0.17 0.00	30.38 0.69 0.00	24.24 0.61 0.00	23.81 0.73 0.00	22.07 0.72 0.00	19.31 0.65 0.00	18.19 0.57 0.00	23.56 0.71 0.00	25.18 0.85 0.00	27.07 0.97 0.00	32.58 1.21 0.00	32.52 1.11 0.00	30.14 0.60 0.00	26.78 0.35 0.00	26.08 0.06 0.00	15.69 -0.09 0.00	5.65 -0.05 0.00	8.54 -0.15 0.00	14.16 -0.39 0.00	-2.64 0.13 0.00	-17.55 0.03 17.60	-24.31 -1.22 47.24	-24.41 -1.20 48.40	-24.16 -1.11 45.03
KATONAH___115KV_46KV_TB4 355592	36.61 1.58 0.00	31.01 1.31 0.00	24.67 1.04 0.00	24.09 1.00 0.00	22.26 0.92 0.00	19.54 0.88 0.00	18.55 0.92 0.00	24.04 1.20 0.00	25.64 1.32 0.00	27.48 1.38 0.00	32.93 1.56 0.00	33.00 1.59 0.00	31.16 1.63 0.00	27.93 1.49 0.00	28.75 1.43 -1.30	26.86 0.87 -10.20	34.05 0.30 -28.04	34.28 0.46 -25.14	52.78 0.76 -37.48	53.72 -0.15 -56.65	40.07 0.00 -40.05	32.47 1.46 -6.85	27.27 1.47 -0.61	24.05 1.28 -0.78
KCE_NY_1 323755	36.64 1.61 0.00	31.00 1.31 0.00	24.64 1.01 0.00	24.12 1.04 0.00	22.32 0.97 0.00	19.56 0.91 0.00	18.44 0.82 0.00	23.92 1.07 0.00	25.53 1.21 0.00	27.34 1.25 0.00	32.86 1.49 0.00	33.04 1.62 0.00	31.13 1.59 0.00	27.90 1.47 0.00	29.04 1.43 -1.59	29.15 0.86 -12.51	40.41 0.33 -34.38	40.00 0.49 -30.82	61.31 0.81 -45.95	66.52 -0.16 -69.45	49.12 -0.01 -49.10	33.82 1.27 -8.40	27.20 1.26 -0.74	24.03 1.09 -0.96
KCE_NY_6_ESR 323823	35.01 -0.03 0.00	29.54 -0.15 0.00	23.49 -0.14 0.00	22.52 -0.56 0.00	20.75 -0.60 0.00	18.15 -0.51 0.00	17.01 -0.60 0.00	22.06 -0.79 0.00	23.19 -1.13 0.00	24.94 -1.16 0.00	30.29 -1.08 0.00	30.41 -1.00 0.00	29.26 -0.28 0.00	26.05 -0.38 0.00	25.82 -0.58 -0.38	18.38 -0.37 -2.96	13.62 -0.22 -8.14	15.79 -0.19 -7.29	25.09 -0.34 -10.87	13.64 -0.02 -16.43	11.60 -0.05 -11.62	25.98 -0.16 -1.99	25.24 -0.13 -0.18	22.28 0.07 -0.23
KEDC_PORT_JEFF_GT2 24210	37.41 2.38 0.00	31.91 2.21 0.00	25.32 1.69 0.00	24.65 1.57 0.00	22.80 1.45 0.00	20.01 1.35 0.00	19.09 1.47 0.00	24.74 1.89 0.00	26.33 2.01 0.00	36.24 2.18 -7.97	62.32 2.47 -28.48	33.95 2.51 -0.02	31.84 2.30 0.00	28.50 2.07 0.00	29.39 2.08 -1.28	27.11 1.23 -10.10	33.89 0.43 -27.75	34.18 0.61 -24.88	52.64 1.00 -37.09	53.11 -0.18 -56.06	39.71 0.04 -39.64	32.99 2.06 -6.79	28.05 2.26 -0.60	24.82 2.07 -0.77
KEDC_PORT_JEFF_GT3 24211	37.41 2.38 0.00	31.91 2.21 0.00	25.32 1.69 0.00	24.65 1.57 0.00	22.80 1.45 0.00	20.01 1.35 0.00	19.09 1.47 0.00	24.74 1.89 0.00	26.33 2.01 0.00	36.24 2.18 -7.97	62.32 2.47 -28.48	33.95 2.51 -0.02	31.84 2.30 0.00	28.50 2.07 0.00	29.39 2.08 -1.28	27.11 1.23 -10.10	33.89 0.43 -27.75	34.18 0.61 -24.88	52.64 1.00 -37.09	53.11 -0.18 -56.06	39.71 0.04 -39.64	32.99 2.06 -6.79	28.05 2.26 -0.60	24.82 2.07 -0.77
KEDC_GLWD_GT4 24219	36.81 1.78 0.00	31.27 1.57 0.00	24.85 1.21 0.00	24.23 1.15 0.00	22.40 1.05 0.00	19.66 1.01 0.00	18.71 1.08 0.00	24.27 1.42 0.00	25.83 1.51 0.00	27.70 1.61 0.00	33.20 1.82 0.00	33.27 1.85 0.00	31.37 1.84 0.00	28.12 1.69 0.00	28.95 1.64 -1.28	26.86 0.97 -10.10	33.79 0.34 -27.75	34.06 0.50 -24.88	52.46 0.83 -37.09	53.13 -0.16 -56.06	39.67 0.02 -39.63	32.56 1.63 -6.78	27.49 1.70 -0.60	24.27 1.52 -0.77
KEDC_GLWD_GT5 24220	36.81 1.78 0.00	31.27 1.57 0.00	24.85 1.21 0.00	24.23 1.15 0.00	22.40 1.05 0.00	19.66 1.01 0.00	18.71 1.08 0.00	24.27 1.42 0.00	25.83 1.51 0.00	27.70 1.61 0.00	33.20 1.82 0.00	33.27 1.85 0.00	31.37 1.84 0.00	28.12 1.69 0.00	28.95 1.64 -1.28	26.86 0.97 -10.10	33.79 0.34 -27.75	34.06 0.50 -24.88	52.46 0.83 -37.09	53.13 -0.16 -56.06	39.67 0.02 -39.63	32.56 1.63 -6.78	27.49 1.70 -0.60	24.27 1.52 -0.77
KENSICO____ 23655	36.51 1.48 0.00	30.94 1.24 0.00	24.61 0.98 0.00	24.02 0.93 0.00	22.20 0.85 0.00	19.48 0.82 0.00	18.51 0.88 0.00	23.99 1.14 0.00	25.56 1.24 0.00	27.39 1.29 0.00	32.79 1.42 0.00	32.86 1.45 0.00	31.05 1.51 0.00	27.83 1.40 0.00	28.64 1.34 -1.28	26.68 0.82 -10.08	33.69 0.28 -27.71	33.95 0.42 -24.84	52.28 0.70 -37.03	53.06 -0.14 -55.98	39.60 0.00 -39.58	32.31 1.39 -6.77	27.20 1.41 -0.60	23.99 1.24 -0.77
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.83 1.80 0.00	31.17 1.47 0.00	24.77 1.14 0.00	24.16 1.08 0.00	22.33 0.98 0.00	19.60 0.95 0.00	18.62 1.00 0.00	24.19 1.34 0.00	25.81 1.48 0.00	27.66 1.57 0.00	33.14 1.77 0.00	33.17 1.75 0.00	31.30 1.76 0.00	28.00 1.57 0.00	28.68 1.49 -1.17	25.96 0.93 -9.26	31.46 0.32 -25.43	32.00 0.52 -22.80	49.42 0.89 -33.99	48.42 -0.18 -51.38	36.34 0.00 -36.32	32.05 1.68 -6.22	27.42 1.68 -0.55	24.15 1.46 -0.71
KIAC_JFK_GT1 23816	36.55 1.52 0.00	30.98 1.28 0.00	24.64 1.00 0.00	24.06 0.98 0.00	22.23 0.89 0.00	19.53 0.87 0.00	18.64 1.03 0.00	24.16 1.31 0.00	25.77 1.45 0.00	27.61 1.52 0.00	32.99 1.62 0.00	33.05 1.64 0.00	31.25 1.71 0.00	28.00 1.57 0.00	28.81 1.50 -1.28	26.81 0.93 -10.10	33.75 0.30 -27.75	34.01 0.44 -24.87	52.37 0.73 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.41 1.47 -6.78	27.31 1.52 -0.60	24.08 1.32 -0.77
KIAC_JFK_GT2 23817	36.55 1.52 0.00	30.98 1.28 0.00	24.64 1.00 0.00	24.06 0.98 0.00	22.23 0.89 0.00	19.53 0.87 0.00	18.64 1.03 0.00	24.16 1.31 0.00	25.77 1.45 0.00	27.61 1.52 0.00	32.99 1.62 0.00	33.05 1.64 0.00	31.25 1.71 0.00	28.00 1.57 0.00	28.81 1.50 -1.28	26.81 0.93 -10.10	33.75 0.30 -27.75	34.01 0.44 -24.87	52.37 0.73 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.41 1.47 -6.78	27.31 1.52 -0.60	24.08 1.32 -0.77
KIAC_JFK____ 323774	36.54 1.52 0.00	30.98 1.28 0.00	24.64 1.00 0.00	24.06 0.98 0.00	22.24 0.89 0.00	19.53 0.88 0.00	18.64 1.03 0.00	24.16 1.31 0.00	25.77 1.45 0.00	27.61 1.52 0.00	32.98 1.61 0.00	33.05 1.64 0.00	31.25 1.71 0.00	28.00 1.57 0.00	28.81 1.50 -1.28	26.81 0.93 -10.10	33.75 0.30 -27.75	34.01 0.44 -24.87	52.37 0.73 -37.08	53.13 -0.14 -56.05	39.65 0.00 -39.63	32.41 1.48 -6.78	27.32 1.52 -0.60	24.08 1.32 -0.77

KINTIGH____ 23543	34.22 -0.81 0.00	28.91 -0.79 0.00	23.00 -0.63 0.00	22.11 -0.97 0.00	20.39 -0.96 0.00	17.81 -0.84 0.00	16.74 -0.89 0.00	21.66 -1.19 0.00	22.84 -1.48 0.00	24.59 -1.51 0.00	29.85 -1.52 0.00	29.97 -1.45 0.00	28.76 -0.77 0.00	25.66 -0.78 0.00	25.48 -0.89 -0.35	17.96 -0.55 -2.72	12.89 -0.29 -7.48	15.10 -0.29 -6.70	24.01 -0.53 -9.99	12.34 0.02 -15.10	10.66 -0.04 -10.67	25.45 -0.53 -1.83	24.86 -0.50 -0.16	21.90 -0.30 -0.21
KNTFSRNC_46_KV_46KV_LOAD 80397	35.35 0.32 0.00	30.78 1.08 0.00	24.57 0.94 0.00	24.15 1.06 0.00	22.38 1.04 0.00	19.62 0.96 0.00	18.47 0.85 0.00	23.93 1.08 0.00	25.61 1.29 0.00	27.53 1.43 0.00	33.12 1.75 0.00	33.06 1.64 0.00	30.65 1.11 0.00	27.24 0.80 0.00	26.52 0.50 0.00	15.95 0.17 0.00	5.74 0.04 0.00	8.68 -0.01 0.00	14.39 -0.16 0.00	-2.68 0.09 0.00	-16.65 0.02 16.70	-21.63 -0.97 44.81	-21.66 -0.94 45.91	-21.61 -0.88 42.72
LACHUTE__HYDRO 323717	38.74 3.71 0.00	32.63 2.93 0.00	25.77 2.13 0.00	25.36 2.28 0.00	23.55 2.21 0.00	20.67 2.02 0.00	19.25 1.63 0.00	24.86 2.01 0.00	26.82 2.49 0.00	28.67 2.57 0.00	34.56 3.19 0.00	35.11 3.70 0.00	33.05 3.52 0.00	29.59 3.16 0.00	30.52 2.91 -1.59	30.15 1.84 -12.52	40.85 0.74 -34.41	40.54 1.01 -30.84	62.18 1.65 -45.98	66.42 -0.30 -69.50	49.13 -0.04 -49.14	34.73 2.17 -8.41	28.17 2.23 -0.74	24.92 1.98 -0.96
LAWRNCV_115KV_TB1 80681	35.01 -0.02 0.00	29.84 0.14 0.00	23.76 0.13 0.00	23.26 0.18 0.00	21.55 0.21 0.00	18.79 0.14 0.00	17.72 0.11 0.00	23.02 0.17 0.00	24.55 0.23 0.00	26.41 0.31 0.00	31.78 0.41 0.00	31.59 0.17 0.00	29.16 -0.38 0.00	26.04 -0.40 0.00	25.62 -0.44 -0.04	15.76 -0.30 -0.28	6.35 -0.11 -0.77	9.16 -0.21 -0.68	15.20 -0.37 -1.02	-1.13 0.10 -1.55	3.36 0.04 -3.30	29.70 -0.55 -6.10	30.88 -0.39 -6.07	27.30 -0.34 -5.66
LEDERLE____ 23769	36.52 1.49 0.00	30.94 1.24 0.00	24.60 0.97 0.00	23.98 0.89 0.00	22.15 0.81 0.00	19.46 0.80 0.00	18.50 0.88 0.00	24.04 1.19 0.00	25.56 1.24 0.00	27.38 1.28 0.00	32.77 1.39 0.00	32.84 1.43 0.00	31.03 1.49 0.00	27.81 1.38 0.00	28.52 1.32 -1.18	25.88 0.81 -9.29	31.48 0.27 -25.51	31.98 0.42 -22.87	49.37 0.72 -34.09	48.61 -0.15 -51.54	36.46 0.00 -36.44	31.83 1.44 -6.23	27.17 1.43 -0.55	23.94 1.25 -0.71
LIGHTHSE_115KV_TB6 355974	34.94 -0.09 0.00	29.56 -0.13 0.00	23.53 -0.10 0.00	22.91 -0.17 0.00	21.11 -0.23 0.00	18.47 -0.19 0.00	17.43 -0.18 0.00	22.69 -0.16 0.00	24.13 -0.19 0.00	25.86 -0.23 0.00	31.06 -0.32 0.00	30.96 -0.46 0.00	29.11 -0.43 0.00	26.05 -0.38 0.00	25.88 -0.35 -0.21	17.21 -0.25 -1.68	10.20 -0.10 -4.61	12.67 -0.15 -4.13	20.48 -0.22 -6.15	6.56 0.03 -9.30	6.60 0.00 -6.58	24.89 -0.39 -1.13	24.97 -0.32 -0.10	21.83 -0.28 -0.13
LINDEN COGEN____ 23786	36.42 1.38 0.00	30.87 1.17 0.00	24.60 0.97 0.00	24.00 0.92 0.00	22.17 0.82 0.00	19.43 0.77 0.00	18.48 0.86 0.00	23.97 1.12 0.00	25.55 1.23 0.00	27.37 1.27 0.00	32.71 1.34 0.00	32.77 1.36 0.00	31.01 1.47 0.00	27.80 1.37 0.00	28.60 1.30 -1.28	26.68 0.80 -10.10	33.73 0.28 -27.75	33.95 0.39 -24.87	52.28 0.64 -37.08	53.15 -0.13 -56.05	39.65 0.00 -39.63	32.26 1.33 -6.78	27.16 1.37 -0.60	23.96 1.20 -0.77
LINDHRST_69_KV_BK1 356055	37.26 2.23 0.00	31.75 2.05 0.00	25.21 1.57 0.00	24.54 1.45 0.00	22.70 1.35 0.00	19.93 1.28 0.00	19.01 1.39 0.00	24.65 1.81 0.00	26.23 1.90 0.00	28.80 2.05 -0.65	35.82 2.36 -2.09	33.83 2.41 0.00	31.79 2.25 0.00	28.50 2.07 0.00	29.35 2.05 -1.28	27.07 1.19 -10.10	33.88 0.42 -27.75	34.17 0.60 -24.88	52.64 1.00 -37.09	53.10 -0.18 -56.06	39.70 0.04 -39.63	32.93 2.00 -6.78	27.92 2.13 -0.60	24.68 1.92 -0.77
LIPA_MISC_IPP 23656	37.60 2.57 0.00	32.06 2.36 0.00	25.44 1.81 0.00	24.77 1.68 0.00	22.91 1.57 0.00	20.12 1.47 0.00	19.19 1.57 0.00	24.88 2.04 0.00	26.49 2.16 0.00	35.85 2.36 -7.40	58.02 2.70 -23.95	34.17 2.73 -0.02	32.06 2.52 0.00	28.71 2.27 0.00	29.59 2.29 -1.28	27.24 1.36 -10.10	33.94 0.48 -27.75	34.27 0.70 -24.88	52.81 1.17 -37.09	53.07 -0.22 -56.06	39.70 0.04 -39.64	33.19 2.26 -6.78	28.22 2.43 -0.60	24.96 2.20 -0.77
LISF__SOLAR 323691	37.67 2.64 0.00	32.12 2.42 0.00	25.48 1.85 0.00	24.81 1.73 0.00	22.94 1.60 0.00	20.15 1.50 0.00	19.23 1.61 0.00	24.93 2.08 0.00	26.54 2.21 0.00	35.88 2.41 -7.38	58.42 2.76 -24.29	34.23 2.79 -0.02	32.11 2.57 0.00	28.74 2.31 0.00	29.63 2.33 -1.28	27.28 1.39 -10.10	33.95 0.50 -27.75	34.29 0.72 -24.88	52.85 1.21 -37.09	53.06 -0.22 -56.06	39.70 0.04 -39.64	33.24 2.31 -6.78	28.28 2.48 -0.60	25.00 2.25 -0.77
LITTLE FALLS__HYD 24013	35.98 0.95 0.00	30.40 0.70 0.00	24.19 0.56 0.00	23.67 0.59 0.00	21.87 0.53 0.00	19.22 0.56 0.00	18.16 0.54 0.00	23.53 0.68 0.00	25.07 0.75 0.00	26.87 0.77 0.00	32.26 0.89 0.00	32.39 0.97 0.00	30.40 0.86 0.00	27.04 0.60 0.00	26.63 0.58 -0.03	16.37 0.34 -0.25	6.54 0.15 -0.68	9.54 0.24 -0.61	15.92 0.46 -0.91	-1.49 -0.09 -1.38	0.99 -0.01 -0.97	24.94 0.62 -0.17	25.72 0.51 -0.02	22.38 0.37 -0.02
LITTLRIV_115KV_TB1 356100	35.39 0.36 0.00	30.16 0.46 0.00	24.01 0.38 0.00	23.50 0.41 0.00	21.77 0.42 0.00	18.99 0.33 0.00	17.92 0.30 0.00	23.29 0.44 0.00	24.85 0.52 0.00	26.74 0.64 0.00	32.19 0.81 0.00	31.97 0.56 0.00	29.49 -0.05 0.00	26.35 -0.08 0.00	25.93 -0.13 -0.04	15.97 -0.11 -0.30	6.48 -0.04 -0.82	9.33 -0.09 -0.73	15.47 -0.16 -1.09	-1.08 0.05 -1.64	3.65 0.04 -3.58	30.59 -0.25 -6.69	31.78 -0.08 -6.67	28.11 -0.09 -6.21
LI_NEWBRDGE__DRP 323616	36.66 1.63 0.00	31.22 1.52 0.00	24.79 1.16 0.00	24.16 1.08 0.00	22.34 1.00 0.00	19.62 0.96 0.00	18.69 1.07 0.00	24.25 1.40 0.00	25.77 1.44 0.00	27.63 1.53 0.00	33.11 1.73 0.00	33.18 1.76 0.00	31.23 1.69 0.00	27.99 1.56 0.00	28.85 1.55 -1.28	26.78 0.90 -10.10	33.77 0.31 -27.75	34.02 0.45 -24.88	52.39 0.75 -37.09	53.15 -0.14 -56.06	39.69 0.03 -39.63	32.46 1.53 -6.78	27.43 1.64 -0.60	24.25 1.49 -0.77
LOCKPORT_115KV_TB60_63_64 80432	34.47 -0.55 0.00	29.10 -0.59 0.00	23.16 -0.47 0.00	22.22 -0.87 0.00	20.47 -0.87 0.00	17.88 -0.78 0.00	16.78 -0.84 0.00	21.67 -1.18 0.00	22.78 -1.55 0.00	24.55 -1.55 0.00	29.87 -1.50 0.00	30.03 -1.39 0.00	28.89 -0.65 0.00	25.76 -0.68 0.00	25.53 -0.85 -0.36	18.05 -0.52 -2.79	13.09 -0.29 -7.68	15.29 -0.28 -6.88	24.29 -0.52 -10.26	12.73 0.00 -15.51	10.94 -0.05 -10.96	25.55 -0.48 -1.88	24.94 -0.42 -0.17	22.04 -0.16 -0.21
LOCKPORT__CC1 323769	34.44 -0.59 0.00	29.07 -0.63 0.00	23.14 -0.49 0.00	22.19 -0.90 0.00	20.44 -0.90 0.00	17.85 -0.80 0.00	16.76 -0.87 0.00	21.64 -1.21 0.00	22.75 -1.58 0.00	24.51 -1.59 0.00	29.83 -1.54 0.00	29.97 -1.45 0.00	28.85 -0.69 0.00	25.72 -0.72 0.00	25.49 -0.88 -0.36	18.05 -0.55 -2.81	13.11 -0.30 -7.72	15.32 -0.29 -6.92	24.32 -0.55 -10.31	12.82 0.00 -15.59	11.00 -0.05 -11.02	25.55 -0.49 -1.89	24.92 -0.44 -0.17	22.02 -0.18 -0.21

LOCKPORT___CC2 323770	34.44 -0.59 0.00	29.07 -0.63 0.00	23.14 -0.49 0.00	22.19 -0.90 0.00	20.44 -0.90 0.00	17.85 -0.80 0.00	16.76 -0.87 0.00	21.64 -1.21 0.00	22.75 -1.58 0.00	24.51 -1.59 0.00	29.83 -1.54 0.00	29.97 -1.45 0.00	28.85 -0.69 0.00	25.72 -0.72 0.00	25.49 -0.88 -0.36	18.05 -0.55 -2.81	13.11 -0.30 -7.72	15.32 -0.29 -6.92	24.32 -0.55 -10.31	12.82 0.00 -15.59	11.00 -0.05 -11.02	25.55 -0.49 -1.89	24.92 -0.44 -0.17	22.02 -0.18 -0.21
LOCKPORT___CC3 323771	34.44 -0.59 0.00	29.07 -0.63 0.00	23.14 -0.49 0.00	22.19 -0.90 0.00	20.44 -0.90 0.00	17.85 -0.80 0.00	16.76 -0.87 0.00	21.64 -1.21 0.00	22.75 -1.58 0.00	24.51 -1.59 0.00	29.83 -1.54 0.00	29.97 -1.45 0.00	28.85 -0.69 0.00	25.72 -0.72 0.00	25.49 -0.88 -0.36	18.05 -0.55 -2.81	13.11 -0.30 -7.72	15.32 -0.29 -6.92	24.32 -0.55 -10.31	12.82 0.00 -15.59	11.00 -0.05 -11.02	25.55 -0.49 -1.89	24.92 -0.44 -0.17	22.02 -0.18 -0.21
LONG_LAKE_PHOENIX 24014	34.71 -0.32 0.00	29.38 -0.32 0.00	23.38 -0.25 0.00	22.77 -0.32 0.00	21.03 -0.32 0.00	18.37 -0.28 0.00	17.35 -0.27 0.00	22.52 -0.33 0.00	23.94 -0.39 0.00	25.69 -0.40 0.00	30.91 -0.46 0.00	30.96 -0.46 0.00	29.22 -0.32 0.00	26.14 -0.29 0.00	26.03 -0.23 -0.24	17.52 -0.13 -1.87	10.78 -0.05 -5.13	13.23 -0.06 -4.60	21.31 -0.10 -6.86	7.60 0.01 -10.37	7.35 -0.01 -7.33	25.27 -0.14 -1.26	25.12 -0.18 -0.11	21.96 -0.17 -0.14
LOVETT___3 23632	36.33 1.30 0.00	30.78 1.09 0.00	24.48 0.84 0.00	23.86 0.78 0.00	22.05 0.70 0.00	19.37 0.71 0.00	18.41 0.78 0.00	23.91 1.06 0.00	25.43 1.11 0.00	27.23 1.13 0.00	32.58 1.21 0.00	32.65 1.24 0.00	30.85 1.32 0.00	27.65 1.22 0.00	28.37 1.17 -1.18	25.79 0.72 -9.29	31.46 0.23 -25.52	31.94 0.37 -22.88	49.29 0.63 -34.11	48.65 -0.13 -51.56	36.48 0.00 -36.45	31.68 1.30 -6.24	27.02 1.28 -0.55	23.82 1.13 -0.71
LOVETT___4 23642	36.33 1.30 0.00	30.78 1.09 0.00	24.48 0.84 0.00	23.86 0.78 0.00	22.05 0.70 0.00	19.37 0.71 0.00	18.41 0.78 0.00	23.91 1.06 0.00	25.43 1.11 0.00	27.23 1.13 0.00	32.58 1.21 0.00	32.65 1.24 0.00	30.85 1.32 0.00	27.65 1.22 0.00	28.37 1.17 -1.18	25.79 0.72 -9.29	31.46 0.23 -25.52	31.94 0.37 -22.88	49.29 0.63 -34.11	48.65 -0.13 -51.56	36.48 0.00 -36.45	31.68 1.30 -6.24	27.02 1.28 -0.55	23.82 1.13 -0.71
LOVETT___5 23593	36.33 1.30 0.00	30.78 1.09 0.00	24.48 0.84 0.00	23.86 0.78 0.00	22.05 0.70 0.00	19.37 0.71 0.00	18.41 0.78 0.00	23.91 1.06 0.00	25.43 1.11 0.00	27.23 1.13 0.00	32.58 1.21 0.00	32.65 1.24 0.00	30.85 1.32 0.00	27.65 1.22 0.00	28.37 1.17 -1.18	25.79 0.72 -9.29	31.46 0.23 -25.52	31.94 0.37 -22.88	49.29 0.63 -34.11	48.65 -0.13 -51.56	36.48 0.00 -36.45	31.68 1.30 -6.24	27.02 1.28 -0.55	23.82 1.13 -0.71
LOWER RAQUET___HYD 24057	35.01 -0.02 0.00	29.86 0.16 0.00	23.78 0.15 0.00	23.27 0.19 0.00	21.56 0.21 0.00	18.80 0.15 0.00	17.74 0.12 0.00	23.04 0.19 0.00	24.58 0.25 0.00	26.44 0.34 0.00	31.81 0.44 0.00	31.57 0.15 0.00	29.07 -0.47 0.00	25.97 -0.47 0.00	25.54 -0.52 -0.04	15.74 -0.35 -0.31	6.43 -0.14 -0.86	9.20 -0.26 -0.77	15.26 -0.44 -1.15	-0.92 0.11 -1.74	3.92 0.05 -3.85	30.78 -0.62 -7.25	31.99 -0.43 -7.23	28.33 -0.39 -6.73
LOWER___HUDSON 24059	36.19 1.17 0.00	30.62 0.92 0.00	24.39 0.76 0.00	23.91 0.82 0.00	22.11 0.77 0.00	19.36 0.70 0.00	18.26 0.64 0.00	23.64 0.79 0.00	25.20 0.88 0.00	26.98 0.88 0.00	32.44 1.07 0.00	32.62 1.20 0.00	30.69 1.15 0.00	27.51 1.08 0.00	28.63 1.03 -1.57	28.79 0.62 -12.39	39.97 0.23 -34.03	39.56 0.36 -30.51	60.62 0.59 -45.48	65.86 -0.12 -68.75	48.63 0.00 -48.61	33.43 0.97 -8.31	26.87 0.94 -0.74	23.75 0.82 -0.94
LOWVILLE_115KV_TB2 356335	35.68 0.65 0.00	30.23 0.53 0.00	24.06 0.43 0.00	23.47 0.38 0.00	21.65 0.30 0.00	18.94 0.28 0.00	17.89 0.27 0.00	23.34 0.49 0.00	24.85 0.52 0.00	26.62 0.52 0.00	31.86 0.49 0.00	31.48 0.07 0.00	29.30 -0.24 0.00	26.21 -0.22 0.00	25.94 -0.18 -0.10	16.34 -0.20 -0.76	7.70 -0.09 -2.09	10.38 -0.17 -1.87	17.10 -0.24 -2.79	1.49 0.05 -4.22	3.78 0.01 -3.75	26.09 -0.63 -2.57	26.96 -0.39 -2.16	23.70 -0.31 -2.02
LUTHERFT_115KV_GLOB_FND_222 355753	36.63 1.60 0.00	30.99 1.29 0.00	24.63 1.00 0.00	24.12 1.04 0.00	22.32 0.97 0.00	19.55 0.90 0.00	18.45 0.83 0.00	23.91 1.06 0.00	25.52 1.20 0.00	27.35 1.25 0.00	32.87 1.50 0.00	33.05 1.64 0.00	31.13 1.59 0.00	27.90 1.47 0.00	29.02 1.41 -1.59	29.15 0.85 -12.51	40.40 0.32 -34.38	39.99 0.48 -30.82	61.30 0.80 -45.95	66.52 -0.16 -69.45	49.12 -0.01 -49.10	33.81 1.26 -8.40	27.19 1.25 -0.74	24.02 1.08 -0.96
LUTHERNY_35_KV_BK2 355980	36.64 1.61 0.00	31.00 1.31 0.00	24.64 1.01 0.00	24.12 1.04 0.00	22.32 0.97 0.00	19.56 0.91 0.00	18.44 0.82 0.00	23.92 1.07 0.00	25.54 1.21 0.00	27.34 1.25 0.00	32.86 1.49 0.00	33.04 1.62 0.00	31.13 1.59 0.00	27.90 1.47 0.00	29.04 1.43 -1.59	29.15 0.86 -12.51	40.41 0.33 -34.38	40.00 0.49 -30.82	61.31 0.81 -45.95	66.52 -0.16 -69.45	49.12 -0.01 -49.10	33.82 1.27 -8.40	27.19 1.26 -0.74	24.03 1.09 -0.96
LWR___OSWEGATCHIE_HYD 23850	35.14 0.11 0.00	29.87 0.17 0.00	23.78 0.15 0.00	23.23 0.15 0.00	21.47 0.13 0.00	18.76 0.11 0.00	17.71 0.08 0.00	23.06 0.21 0.00	24.57 0.25 0.00	26.37 0.28 0.00	31.66 0.29 0.00	31.35 -0.07 0.00	29.02 -0.52 0.00	25.94 -0.49 0.00	25.59 -0.51 -0.07	15.99 -0.37 -0.58	7.14 -0.15 -1.59	9.85 -0.26 -1.42	16.25 -0.42 -2.12	0.52 0.09 -3.20	4.10 0.03 -4.05	28.58 -0.75 -5.18	29.59 -0.55 -4.95	26.13 -0.47 -4.61
LYONS_FALL_HYD 23570	35.75 0.72 0.00	30.26 0.56 0.00	24.09 0.46 0.00	23.51 0.42 0.00	21.70 0.35 0.00	18.99 0.33 0.00	17.94 0.33 0.00	23.37 0.52 0.00	24.89 0.57 0.00	26.69 0.59 0.00	32.01 0.64 0.00	31.78 0.37 0.00	29.68 0.14 0.00	26.54 0.11 0.00	26.24 0.13 -0.09	16.50 0.02 -0.69	7.61 0.00 -1.90	10.38 -0.02 -1.71	17.10 0.01 -2.55	1.07 0.00 -3.85	3.27 0.00 -3.24	25.85 -0.17 -1.87	26.64 -0.03 -1.47	23.35 -0.02 -1.39
MADISON___COUNTY_LFGE 323628	36.10 1.07 0.00	30.56 0.86 0.00	24.31 0.68 0.00	23.72 0.64 0.00	21.92 0.58 0.00	19.20 0.54 0.00	18.16 0.54 0.00	23.60 0.76 0.00	25.15 0.82 0.00	26.99 0.90 0.00	32.42 1.05 0.00	32.42 1.01 0.00	30.38 0.85 0.00	27.13 0.69 0.00	26.86 0.71 -0.13	17.28 0.43 -1.06	8.78 0.16 -2.92	11.55 0.25 -2.61	18.89 0.44 -3.90	3.03 -0.09 -5.89	4.18 0.00 -4.16	25.48 0.61 -0.71	25.86 0.61 -0.06	22.56 0.50 -0.08
MALONE___115KV_TB1 356076	35.20 0.17 0.00	30.50 0.80 0.00	24.31 0.68 0.00	23.86 0.77 0.00	22.11 0.76 0.00	19.34 0.68 0.00	18.23 0.61 0.00	23.64 0.79 0.00	25.29 0.96 0.00	27.21 1.11 0.00	32.75 1.38 0.00	32.65 1.24 0.00	30.22 0.69 0.00	26.89 0.46 0.00	26.23 0.21 0.00	15.81 0.03 0.00	5.69 -0.01 0.00	8.62 -0.06 0.00	14.34 -0.21 0.00	-2.68 0.09 0.00	11.18 0.03 -11.13	53.22 -0.79 -29.86	55.06 -0.72 -30.59	49.75 -0.70 -28.46

MAPLEWOD_115KV_TB3 80458	36.24 1.21 0.00	30.67 0.97 0.00	24.40 0.77 0.00	23.89 0.80 0.00	22.09 0.74 0.00	19.35 0.69 0.00	18.28 0.66 0.00	23.68 0.83 0.00	25.25 0.92 0.00	27.05 0.95 0.00	32.48 1.10 0.00	32.62 1.20 0.00	30.72 1.18 0.00	27.54 1.11 0.00	28.64 1.06 -1.56	28.69 0.64 -12.28	39.66 0.23 -33.73	39.29 0.37 -30.23	60.24 0.61 -45.07	65.23 -0.12 -68.13	48.19 0.00 -48.17	33.42 1.03 -8.24	26.93 1.01 -0.73	23.78 0.86 -0.94
MAPLE_RIDGE_WT_1 323574	34.96 -0.07 0.00	29.73 0.03 0.00	23.66 0.03 0.00	23.12 0.03 0.00	21.37 0.02 0.00	18.68 0.02 0.00	17.65 0.03 0.00	22.88 0.03 0.00	24.35 0.03 0.00	26.07 -0.03 0.00	31.25 -0.12 0.00	31.19 -0.22 0.00	29.17 -0.36 0.00	26.08 -0.35 0.00	25.68 -0.35 0.00	15.58 -0.20 0.00	5.56 -0.14 0.00	8.41 -0.27 0.00	14.10 -0.45 0.00	-2.68 0.10 0.00	0.04 0.01 0.00	23.16 -0.99 0.00	24.40 -0.79 0.00	21.38 -0.60 0.00
MAPLE_RIDGE_WT_2 323611	34.96 -0.07 0.00	29.73 0.03 0.00	23.66 0.03 0.00	23.12 0.03 0.00	21.37 0.02 0.00	18.68 0.02 0.00	17.65 0.03 0.00	22.88 0.03 0.00	24.35 0.03 0.00	26.07 -0.03 0.00	31.25 -0.12 0.00	31.19 -0.22 0.00	29.17 -0.36 0.00	26.08 -0.35 0.00	25.68 -0.35 0.00	15.58 -0.20 0.00	5.56 -0.14 0.00	8.41 -0.27 0.00	14.10 -0.45 0.00	-2.68 0.10 0.00	0.04 0.01 0.00	23.16 -0.99 0.00	24.40 -0.79 0.00	21.38 -0.60 0.00
MARBLE_RIVER_WT_PWR 323696	34.93 -0.10 0.00	30.46 0.77 0.00	24.31 0.68 0.00	23.89 0.81 0.00	22.14 0.80 0.00	19.38 0.72 0.00	18.25 0.63 0.00	23.64 0.79 0.00	25.27 0.94 0.00	27.15 1.05 0.00	32.67 1.30 0.00	32.61 1.20 0.00	30.22 0.68 0.00	26.85 0.42 0.00	26.15 0.13 0.00	15.72 -0.06 0.00	5.65 -0.05 0.00	8.55 -0.14 0.00	14.17 -0.38 0.00	-2.64 0.13 0.00	-16.33 0.03 16.38	-21.00 -1.18 43.97	-21.00 -1.15 45.04	-21.00 -1.08 41.91
MARSHVLE_115KV_TB1 80742	36.27 1.24 0.00	30.88 1.18 0.00	24.55 0.92 0.00	23.89 0.81 0.00	22.06 0.72 0.00	19.28 0.62 0.00	18.21 0.59 0.00	23.65 0.80 0.00	25.17 0.85 0.00	27.04 0.95 0.00	32.49 1.12 0.00	32.45 1.03 0.00	30.28 0.74 0.00	27.03 0.60 0.00	28.17 0.55 -1.60	28.73 0.36 -12.59	40.43 0.15 -34.59	39.91 0.21 -31.00	61.15 0.38 -46.22	67.03 -0.06 -69.87	49.42 0.00 -49.40	33.13 0.52 -8.45	26.51 0.57 -0.75	23.44 0.49 -0.96
MARSH_HILL_WT_PWR 323713	35.24 0.21 0.00	30.01 0.31 0.00	23.81 0.18 0.00	22.90 -0.19 0.00	21.09 -0.25 0.00	18.40 -0.26 0.00	17.24 -0.38 0.00	22.12 -0.72 0.00	23.20 -1.12 0.00	24.77 -1.33 0.00	29.67 -1.70 0.00	29.51 -1.90 0.00	28.43 -1.11 0.00	25.14 -1.30 0.00	25.06 -1.38 -0.43	18.37 -0.77 -3.35	14.58 -0.34 -9.21	16.47 -0.47 -8.26	26.16 -0.70 -12.31	15.96 0.13 -18.61	13.17 -0.02 -13.16	25.35 -1.05 -2.25	24.24 -1.15 -0.20	21.44 -0.80 -0.25
MCINTYRE_115KV_TB2 80467	35.55 0.52 0.00	30.27 0.57 0.00	24.10 0.46 0.00	23.59 0.50 0.00	21.86 0.52 0.00	19.06 0.41 0.00	17.99 0.37 0.00	23.37 0.52 0.00	24.94 0.61 0.00	26.84 0.75 0.00	32.31 0.94 0.00	32.14 0.73 0.00	29.71 0.17 0.00	26.54 0.11 0.00	26.13 0.07 -0.04	16.08 0.03 -0.27	6.47 0.03 -0.74	9.36 0.01 -0.66	15.54 0.00 -0.99	-1.26 0.02 -1.49	3.21 0.03 -3.15	29.91 -0.04 -5.80	31.05 0.09 -5.77	27.43 0.07 -5.38
MECO____69_KV_BK1 80468	36.76 1.72 0.00	31.30 1.61 0.00	24.85 1.21 0.00	24.23 1.15 0.00	22.44 1.09 0.00	19.64 0.99 0.00	18.62 1.00 0.00	24.18 1.34 0.00	25.79 1.47 0.00	27.64 1.54 0.00	33.19 1.82 0.00	33.10 1.69 0.00	30.99 1.46 0.00	27.90 1.47 0.00	29.10 1.48 -1.60	29.17 0.80 -12.59	40.67 0.39 -34.59	40.24 0.55 -31.00	61.82 1.04 -46.22	66.90 -0.19 -69.87	49.41 0.00 -49.40	34.15 1.55 -8.45	27.49 1.55 -0.75	24.21 1.26 -0.96
MENANDS_115KV_TB5 355628	36.13 1.10 0.00	30.58 0.89 0.00	24.33 0.70 0.00	23.83 0.75 0.00	22.03 0.68 0.00	19.30 0.64 0.00	18.23 0.61 0.00	23.61 0.76 0.00	25.17 0.84 0.00	26.96 0.86 0.00	32.36 0.99 0.00	32.50 1.09 0.00	30.61 1.07 0.00	27.45 1.02 0.00	28.55 0.97 -1.56	28.62 0.58 -12.26	39.59 0.21 -33.68	39.22 0.33 -30.19	60.12 0.56 -45.01	65.15 -0.11 -68.04	48.12 0.00 -48.10	33.32 0.94 -8.23	26.85 0.92 -0.73	23.72 0.79 -0.93
MG INDUSTRY__DRP 24185	36.27 1.24 0.00	30.72 1.02 0.00	24.45 0.81 0.00	23.92 0.83 0.00	22.11 0.77 0.00	19.36 0.70 0.00	18.31 0.69 0.00	23.71 0.86 0.00	25.27 0.95 0.00	27.07 0.97 0.00	32.49 1.12 0.00	32.61 1.20 0.00	30.72 1.18 0.00	27.53 1.10 0.00	28.60 1.05 -1.53	28.45 0.63 -12.03	38.99 0.22 -33.07	38.69 0.36 -29.64	59.33 0.60 -44.19	63.90 -0.12 -66.79	47.24 0.00 -47.22	33.24 1.01 -8.08	26.92 1.01 -0.72	23.78 0.88 -0.92
MID__OSWEGATCHIE_HYD 23849	35.14 0.11 0.00	29.87 0.17 0.00	23.78 0.15 0.00	23.23 0.15 0.00	21.47 0.13 0.00	18.76 0.11 0.00	17.71 0.08 0.00	23.06 0.21 0.00	24.57 0.25 0.00	26.37 0.28 0.00	31.66 0.29 0.00	31.35 -0.07 0.00	29.02 -0.52 0.00	25.94 -0.49 0.00	25.59 -0.51 -0.07	15.99 -0.37 -0.58	7.14 -0.15 -1.59	9.85 -0.26 -1.42	16.25 -0.42 -2.12	0.52 0.09 -3.20	4.10 0.03 -4.05	28.58 -0.75 -5.18	29.59 -0.55 -4.95	26.13 -0.47 -4.61
MID__RAQUETTE_HYD 23851	35.01 -0.02 0.00	29.86 0.16 0.00	23.77 0.14 0.00	23.27 0.19 0.00	21.56 0.21 0.00	18.80 0.15 0.00	17.74 0.11 0.00	23.04 0.19 0.00	24.58 0.25 0.00	26.44 0.34 0.00	31.81 0.44 0.00	31.57 0.15 0.00	29.07 -0.47 0.00	25.97 -0.47 0.00	25.54 -0.52 -0.04	15.74 -0.35 -0.31	6.42 -0.14 -0.86	9.20 -0.26 -0.77	15.26 -0.44 -1.15	-0.92 0.11 -1.74	3.92 0.05 -3.85	30.78 -0.62 -7.25	31.99 -0.43 -7.23	28.34 -0.38 -6.73
MILLIKEN__1 23584	35.99 0.96 0.00	30.41 0.72 0.00	24.18 0.55 0.00	23.53 0.44 0.00	21.71 0.37 0.00	19.01 0.36 0.00	17.96 0.34 0.00	23.31 0.46 0.00	24.77 0.45 0.00	26.55 0.46 0.00	31.88 0.51 0.00	31.85 0.43 0.00	30.12 0.58 0.00	26.95 0.52 0.00	27.03 0.59 -0.42	19.49 0.40 -3.32	14.95 0.13 -9.11	17.08 0.22 -8.17	27.13 0.41 -12.17	15.54 -0.09 -18.40	13.02 -0.01 -13.01	27.05 0.68 -2.23	26.00 0.61 -0.20	22.76 0.52 -0.25
MILLIKEN__2 23585	35.99 0.96 0.00	30.41 0.72 0.00	24.18 0.55 0.00	23.53 0.44 0.00	21.71 0.37 0.00	19.01 0.36 0.00	17.96 0.34 0.00	23.31 0.46 0.00	24.77 0.45 0.00	26.55 0.46 0.00	31.88 0.51 0.00	31.85 0.43 0.00	30.12 0.58 0.00	26.95 0.52 0.00	27.03 0.59 -0.42	19.49 0.40 -3.32	14.95 0.13 -9.11	17.08 0.22 -8.17	27.13 0.41 -12.17	15.54 -0.09 -18.40	13.02 -0.01 -13.01	27.05 0.68 -2.23	26.00 0.61 -0.20	22.76 0.52 -0.25
MILLIKEN__DIESEL 23629	35.99 0.96 0.00	30.41 0.72 0.00	24.18 0.55 0.00	23.53 0.44 0.00	21.71 0.37 0.00	19.01 0.36 0.00	17.96 0.34 0.00	23.31 0.46 0.00	24.77 0.45 0.00	26.55 0.46 0.00	31.88 0.51 0.00	31.85 0.43 0.00	30.12 0.58 0.00	26.95 0.52 0.00	27.03 0.59 -0.42	19.49 0.40 -3.32	14.95 0.13 -9.11	17.08 0.22 -8.17	27.13 0.41 -12.17	15.54 -0.09 -18.40	13.02 -0.01 -13.01	27.05 0.68 -2.23	26.00 0.61 -0.20	22.76 0.52 -0.25

MILLSEAT___LFGE 323607	35.02 -0.01 0.00	29.55 -0.14 0.00	23.51 -0.12 0.00	22.59 -0.50 0.00	20.83 -0.52 0.00	18.20 -0.46 0.00	17.11 -0.51 0.00	22.15 -0.70 0.00	23.34 -0.99 0.00	25.15 -0.95 0.00	30.57 -0.80 0.00	30.70 -0.72 0.00	29.47 -0.07 0.00	26.27 -0.16 0.00	26.07 -0.30 -0.35	18.32 -0.19 -2.73	13.06 -0.16 -7.51	15.34 -0.08 -6.73	24.41 -0.18 -10.04	12.35 -0.05 -15.18	10.71 -0.04 -10.73	26.01 0.02 -1.84	25.40 0.05 -0.16	22.39 0.19 -0.21
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.46 1.43 0.00	30.89 1.19 0.00	24.58 0.95 0.00	23.99 0.90 0.00	22.17 0.82 0.00	19.46 0.80 0.00	18.48 0.86 0.00	23.96 1.11 0.00	25.52 1.20 0.00	27.34 1.24 0.00	32.74 1.37 0.00	32.81 1.40 0.00	31.00 1.46 0.00	27.79 1.36 0.00	28.59 1.29 -1.27	26.60 0.79 -10.03	33.54 0.27 -27.56	33.80 0.40 -24.71	52.06 0.68 -36.84	52.77 -0.13 -55.68	39.39 0.00 -39.37	32.24 1.35 -6.74	27.16 1.37 -0.60	23.96 1.20 -0.76
MILLWOOD_13_KV_LOAD 356217	36.55 1.52 0.00	30.95 1.26 0.00	24.63 1.00 0.00	24.03 0.95 0.00	22.21 0.87 0.00	19.50 0.84 0.00	18.52 0.90 0.00	24.01 1.17 0.00	25.59 1.26 0.00	27.42 1.32 0.00	32.83 1.45 0.00	32.90 1.48 0.00	31.07 1.53 0.00	27.85 1.42 0.00	28.65 1.36 -1.27	26.64 0.83 -10.03	33.55 0.28 -27.56	33.83 0.43 -24.71	52.10 0.71 -36.84	52.76 -0.14 -55.68	39.39 0.00 -39.37	32.30 1.41 -6.74	27.21 1.42 -0.60	24.00 1.25 -0.76
MODEL_CITY_ENERGY 24167	34.20 -0.83 0.00	28.87 -0.83 0.00	22.99 -0.64 0.00	22.03 -1.05 0.00	20.31 -1.04 0.00	17.73 -0.93 0.00	16.63 -0.99 0.00	21.46 -1.39 0.00	22.53 -1.80 0.00	24.28 -1.81 0.00	29.57 -1.80 0.00	29.72 -1.70 0.00	28.61 -0.92 0.00	25.51 -0.92 0.00	25.29 -1.10 -0.36	17.94 -0.67 -2.83	13.12 -0.35 -7.77	15.29 -0.36 -6.97	24.27 -0.67 -10.38	12.95 0.03 -15.70	11.08 -0.04 -11.10	25.36 -0.69 -1.90	24.71 -0.64 -0.17	21.87 -0.33 -0.22
MODERN_LFGE___ 323580	34.20 -0.83 0.00	28.87 -0.83 0.00	22.99 -0.64 0.00	22.03 -1.05 0.00	20.31 -1.04 0.00	17.73 -0.93 0.00	16.63 -0.99 0.00	21.46 -1.39 0.00	22.53 -1.80 0.00	24.28 -1.81 0.00	29.57 -1.80 0.00	29.72 -1.70 0.00	28.61 -0.92 0.00	25.51 -0.92 0.00	25.29 -1.10 -0.36	17.94 -0.67 -2.83	13.12 -0.35 -7.77	15.29 -0.36 -6.97	24.27 -0.67 -10.38	12.95 0.03 -15.70	11.08 -0.04 -11.10	25.36 -0.69 -1.90	24.71 -0.64 -0.17	21.87 -0.33 -0.22
MOHAWK_PAPER___DRP 24187	36.24 1.21 0.00	30.67 0.97 0.00	24.40 0.77 0.00	23.89 0.80 0.00	22.09 0.74 0.00	19.35 0.69 0.00	18.28 0.66 0.00	23.68 0.83 0.00	25.25 0.92 0.00	27.05 0.95 0.00	32.48 1.10 0.00	32.62 1.20 0.00	30.72 1.18 0.00	27.54 1.11 0.00	28.64 1.06 -1.56	28.69 0.64 -12.28	39.66 0.23 -33.73	39.29 0.37 -30.23	60.24 0.61 -45.07	65.23 -0.12 -68.13	48.19 0.00 -48.17	33.42 1.03 -8.24	26.93 1.01 -0.73	23.78 0.86 -0.94
MOHICAN___35_KV_115KV_LD 80490	36.85 1.82 0.00	31.12 1.42 0.00	24.70 1.07 0.00	24.23 1.14 0.00	22.44 1.09 0.00	19.67 1.01 0.00	18.50 0.88 0.00	23.95 1.11 0.00	25.67 1.35 0.00	27.49 1.39 0.00	33.08 1.71 0.00	33.35 1.94 0.00	31.42 1.88 0.00	28.19 1.76 0.00	29.26 1.65 -1.59	29.32 1.02 -12.52	40.50 0.39 -34.40	40.09 0.57 -30.83	61.46 0.94 -45.97	66.53 -0.18 -69.48	49.13 -0.01 -49.12	33.89 1.33 -8.40	27.27 1.33 -0.74	24.10 1.16 -0.96
MONGAUP___HYD 23641	36.58 1.55 0.00	30.96 1.26 0.00	24.62 0.98 0.00	24.02 0.93 0.00	22.19 0.84 0.00	19.47 0.81 0.00	18.50 0.88 0.00	24.38 1.53 0.00	25.98 1.66 0.00	27.83 1.74 0.00	33.32 1.94 0.00	33.38 1.96 0.00	31.51 1.97 0.00	28.21 1.78 0.00	28.82 1.63 -1.17	25.99 0.98 -9.22	31.39 0.35 -25.34	32.00 0.59 -22.72	49.39 0.97 -33.87	48.23 -0.18 -51.20	36.21 -0.01 -36.19	32.25 1.91 -6.19	27.61 1.87 -0.55	24.29 1.60 -0.70
MONTAUK___DIESEL 23721	38.74 3.71 0.00	32.99 3.29 0.00	26.16 2.53 0.00	25.47 2.38 0.00	23.55 2.21 0.00	20.70 2.05 0.00	19.76 2.14 0.00	25.65 2.80 0.00	27.38 3.05 0.00	36.85 3.36 -7.40	59.43 3.94 -24.11	35.39 3.95 -0.02	33.23 3.69 0.00	29.73 3.30 0.00	30.58 3.27 -1.28	27.86 1.97 -10.10	34.17 0.72 -27.75	34.63 1.06 -24.88	53.45 1.81 -37.09	52.95 -0.34 -56.06	39.70 0.04 -39.64	34.13 3.19 -6.78	29.14 3.35 -0.60	25.71 2.95 -0.77
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.88 0.85 0.00	30.24 0.54 0.00	23.96 0.33 0.00	22.79 -0.30 0.00	20.82 -0.53 0.00	18.27 -0.39 0.00	17.16 -0.46 0.00	22.29 -0.56 0.00	23.37 -0.95 0.00	25.11 -0.99 0.00	30.57 -0.81 0.00	30.77 -0.65 0.00	29.28 -0.26 0.00	25.93 -0.50 0.00	25.63 -0.77 -0.39	18.38 -0.46 -3.06	13.94 -0.16 -8.40	16.01 -0.20 -7.53	25.43 -0.34 -11.22	14.21 0.02 -16.97	12.00 -0.01 -12.00	26.19 -0.01 -2.05	25.34 -0.03 -0.18	22.57 0.35 -0.23
MORTIMER_115KV_TB3 55949	34.87 -0.16 0.00	29.47 -0.23 0.00	23.44 -0.19 0.00	22.67 -0.41 0.00	20.93 -0.42 0.00	18.29 -0.36 0.00	17.25 -0.37 0.00	22.38 -0.47 0.00	23.72 -0.60 0.00	25.51 -0.58 0.00	30.85 -0.52 0.00	30.94 -0.48 0.00	29.46 -0.08 0.00	26.31 -0.12 0.00	26.18 -0.16 -0.31	18.17 -0.10 -2.49	12.44 -0.09 -6.83	14.78 -0.03 -6.12	23.61 -0.07 -9.12	10.98 -0.04 -13.79	9.75 -0.03 -9.75	25.86 0.04 -1.67	25.36 0.02 -0.15	22.23 0.05 -0.19
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.59 1.56 0.00	31.00 1.31 0.00	24.67 1.04 0.00	24.08 0.99 0.00	22.24 0.90 0.00	19.52 0.86 0.00	18.55 0.93 0.00	24.05 1.21 0.00	25.64 1.32 0.00	27.49 1.39 0.00	32.89 1.52 0.00	32.95 1.53 0.00	31.16 1.62 0.00	27.93 1.50 0.00	28.73 1.43 -1.28	26.75 0.87 -10.10	33.75 0.30 -27.75	34.00 0.44 -24.87	52.36 0.73 -37.08	53.14 -0.14 -56.06	39.65 0.00 -39.63	32.40 1.46 -6.78	27.29 1.50 -0.60	24.07 1.31 -0.77
MUNSVILLE_WIND_PWR 323609	37.73 2.70 0.00	31.88 2.18 0.00	25.33 1.70 0.00	24.57 1.48 0.00	22.59 1.25 0.00	19.77 1.11 0.00	18.65 1.03 0.00	24.23 1.38 0.00	25.75 1.43 0.00	27.56 1.46 0.00	32.83 1.46 0.00	32.74 1.33 0.00	30.71 1.17 0.00	27.37 0.93 0.00	27.73 1.13 -0.57	21.06 0.74 -4.54	18.39 0.23 -12.46	20.22 0.36 -11.17	31.82 0.62 -16.65	22.28 -0.12 -25.17	17.80 -0.02 -17.80	28.02 0.82 -3.05	26.20 0.74 -0.27	22.86 0.52 -0.34
N SALMON___HYD 24042	35.20 0.18 0.00	30.50 0.80 0.00	24.31 0.68 0.00	23.86 0.77 0.00	22.11 0.76 0.00	19.34 0.68 0.00	18.23 0.61 0.00	23.64 0.79 0.00	25.29 0.96 0.00	27.20 1.11 0.00	32.75 1.38 0.00	32.65 1.24 0.00	30.22 0.69 0.00	26.89 0.46 0.00	26.23 0.21 0.00	15.81 0.03 0.00	5.69 -0.01 0.00	8.62 -0.06 0.00	14.34 -0.21 0.00	-2.68 0.09 0.00	11.18 0.03 -11.13	53.22 -0.79 -29.86	55.05 -0.73 -30.59	49.75 -0.70 -28.46
N.AKRON___115KV_KNAPP 355671	34.90 -0.13 0.00	29.46 -0.24 0.00	23.44 -0.19 0.00	22.50 -0.59 0.00	20.74 -0.61 0.00	18.12 -0.53 0.00	17.03 -0.59 0.00	22.02 -0.83 0.00	23.18 -1.14 0.00	24.99 -1.11 0.00	30.38 -0.99 0.00	30.53 -0.89 0.00	29.33 -0.21 0.00	26.14 -0.29 0.00	25.94 -0.44 -0.35	18.27 -0.28 -2.76	13.09 -0.19 -7.58	15.35 -0.13 -6.79	24.40 -0.27 -10.13	12.49 -0.04 -15.31	10.80 -0.04 -10.82	25.88 -0.13 -1.85	25.28 -0.08 -0.16	22.30 0.11 -0.21

N.BELMOR_69_KV_BK1 55787	36.91 1.88 0.00	31.41 1.71 0.00	24.94 1.30 0.00	24.29 1.21 0.00	22.47 1.12 0.00	19.73 1.08 0.00	18.79 1.18 0.00	24.39 1.54 0.00	25.94 1.61 0.00	27.82 1.73 0.00	33.36 1.99 0.00	33.43 2.01 0.00	31.47 1.93 0.00	28.21 1.77 0.00	29.05 1.75 -1.28	26.89 1.01 -10.10	33.82 0.36 -27.75	34.08 0.51 -24.88	52.47 0.83 -37.09	53.13 -0.15 -56.06	39.69 0.03 -39.63	32.65 1.71 -6.78	27.61 1.82 -0.60	24.40 1.64 -0.77
N.E_GEN_SANDY PD 24062	39.27 1.00 -3.24	30.49 0.79 0.00	24.29 0.65 0.00	23.79 0.70 0.00	21.94 0.66 0.07	19.39 0.64 -0.09	17.98 0.61 0.25	23.91 0.72 -0.34	25.11 0.79 0.00	26.87 0.77 0.00	31.29 0.87 0.96	32.38 0.97 0.00	30.51 0.97 0.00	27.37 0.94 0.00	28.33 0.88 -1.42	27.50 0.53 -11.19	36.78 0.20 -30.87	36.56 0.31 -27.56	56.13 0.49 -41.09	58.54 -0.10 -61.41	43.93 0.00 -43.91	32.54 0.87 -7.51	26.74 0.88 -0.66	24.01 0.79 -1.23
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.39 1.36 0.00	30.84 1.14 0.00	24.52 0.89 0.00	23.90 0.82 0.00	22.08 0.73 0.00	19.40 0.75 0.00	18.44 0.82 0.00	23.95 1.10 0.00	25.48 1.15 0.00	27.28 1.18 0.00	32.65 1.27 0.00	32.72 1.30 0.00	30.92 1.38 0.00	27.70 1.27 0.00	28.42 1.23 -1.18	25.82 0.75 -9.29	31.47 0.24 -25.52	31.95 0.39 -22.87	49.31 0.66 -34.10	48.64 -0.14 -51.55	36.47 0.00 -36.45	31.74 1.35 -6.24	27.07 1.33 -0.55	23.87 1.17 -0.71
N.QUEENS_27_KV_LOAD 356247	36.49 1.47 0.00	30.98 1.28 0.00	24.64 1.01 0.00	24.02 0.93 0.00	22.24 0.89 0.00	19.52 0.86 0.00	18.56 0.94 0.00	23.99 1.15 0.00	25.63 1.31 0.00	27.48 1.39 0.00	32.82 1.45 0.00	32.88 1.47 0.00	31.13 1.59 0.00	27.93 1.49 0.00	28.68 1.38 -1.28	26.74 0.87 -10.10	33.74 0.29 -27.75	33.98 0.42 -24.87	52.31 0.68 -37.08	53.14 -0.14 -56.06	39.67 0.02 -39.63	32.39 1.46 -6.78	27.30 1.51 -0.60	24.06 1.30 -0.77
N.TROY___115KV_TB1 355778	36.19 1.17 0.00	30.62 0.92 0.00	24.39 0.76 0.00	23.91 0.82 0.00	22.11 0.77 0.00	19.36 0.70 0.00	18.26 0.63 0.00	23.64 0.79 0.00	25.20 0.88 0.00	26.98 0.88 0.00	32.44 1.07 0.00	32.62 1.20 0.00	30.69 1.15 0.00	27.51 1.08 0.00	28.63 1.03 -1.57	28.79 0.62 -12.39	39.97 0.23 -34.03	39.56 0.36 -30.51	60.62 0.59 -45.48	65.86 -0.12 -68.75	48.63 0.00 -48.61	33.43 0.97 -8.31	26.87 0.94 -0.74	23.75 0.82 -0.94
NARROWS_GT1_1 24228	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT1_2 24229	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT1_3 24230	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT1_4 24231	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT1_5 24232	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT1_6 24233	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT1_7 24234	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT1_8 24235	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT2_1 24236	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT2_2 24237	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77

NARROWS_GT2_3 24238	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT2_4 24239	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT2_5 24240	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT2_6 24241	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT2_7 24242	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NARROWS_GT2_8 24243	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.86 1.83 0.00	31.18 1.48 0.00	24.81 1.17 0.00	24.28 1.20 0.00	22.46 1.11 0.00	19.67 1.02 0.00	18.61 0.99 0.00	24.14 1.29 0.00	25.78 1.46 0.00	27.64 1.54 0.00	33.23 1.85 0.00	33.39 1.97 0.00	31.39 1.85 0.00	28.09 1.66 0.00	29.02 1.53 -1.47	28.31 0.95 -11.57	37.88 0.37 -31.80	37.75 0.55 -28.51	58.01 0.97 -42.50	61.27 -0.19 -64.24	45.44 0.00 -45.42	33.46 1.54 -7.77	27.40 1.52 -0.69	24.14 1.27 -0.88
NCHELSEA_115KV_TR2 355582	36.66 1.63 0.00	31.03 1.34 0.00	24.69 1.06 0.00	24.11 1.02 0.00	22.28 0.94 0.00	19.56 0.90 0.00	18.57 0.94 0.00	24.08 1.23 0.00	25.67 1.34 0.00	27.49 1.39 0.00	32.96 1.59 0.00	33.03 1.62 0.00	31.18 1.64 0.00	27.92 1.49 0.00	28.72 1.44 -1.27	26.65 0.88 -9.98	33.45 0.31 -27.43	33.75 0.47 -24.59	52.01 0.80 -36.66	52.48 -0.16 -55.42	39.20 0.00 -39.18	32.34 1.49 -6.70	27.28 1.49 -0.59	24.05 1.31 -0.76
NEG CAPITAL___MECHNVIL 23645	36.59 1.56 0.00	30.96 1.26 0.00	24.61 0.98 0.00	24.10 1.01 0.00	22.30 0.95 0.00	19.54 0.89 0.00	18.44 0.82 0.00	23.90 1.05 0.00	25.51 1.19 0.00	27.34 1.24 0.00	32.88 1.51 0.00	33.04 1.63 0.00	31.12 1.58 0.00	27.89 1.46 0.00	29.01 1.40 -1.58	29.11 0.85 -12.48	40.32 0.32 -34.30	39.92 0.48 -30.74	61.18 0.80 -45.83	66.35 -0.16 -69.28	49.00 -0.01 -48.98	33.79 1.26 -8.38	27.18 1.25 -0.74	24.01 1.07 -0.95
NEG CENTRAL_HIGH_ACRES 23767	34.23 -0.80 0.00	28.93 -0.77 0.00	23.02 -0.61 0.00	22.32 -0.77 0.00	20.61 -0.74 0.00	18.03 -0.63 0.00	17.01 -0.61 0.00	22.07 -0.77 0.00	23.42 -0.90 0.00	25.17 -0.93 0.00	30.39 -0.98 0.00	30.46 -0.96 0.00	28.93 -0.61 0.00	25.87 -0.56 0.00	25.77 -0.56 -0.31	17.91 -0.33 -2.45	12.29 -0.15 -6.74	14.57 -0.16 -6.04	23.28 -0.28 -9.01	10.85 0.01 -13.62	9.63 -0.02 -9.62	25.41 -0.39 -1.65	24.88 -0.45 -0.15	21.80 -0.38 -0.19
NEG CENTRAL___DRP 24199	35.37 0.34 0.00	29.96 0.27 0.00	23.82 0.19 0.00	23.12 0.03 0.00	21.35 0.00 0.00	18.70 0.05 0.00	17.65 0.03 0.00	22.92 0.07 0.00	24.31 -0.01 0.00	26.07 -0.03 0.00	31.30 -0.08 0.00	31.31 -0.10 0.00	29.71 0.17 0.00	26.54 0.11 0.00	26.49 0.14 -0.33	18.51 0.11 -2.61	12.91 0.03 -7.17	15.20 0.08 -6.43	24.30 0.16 -9.59	11.67 -0.05 -14.49	10.25 -0.02 -10.24	26.20 0.30 -1.75	25.57 0.23 -0.15	22.39 0.21 -0.20
NEG CENTRAL___INDECK 23768	36.00 0.96 0.00	30.44 0.74 0.00	24.21 0.57 0.00	23.33 0.25 0.00	21.50 0.16 0.00	18.79 0.14 0.00	17.73 0.11 0.00	23.00 0.15 0.00	24.29 -0.03 0.00	26.08 -0.02 0.00	31.20 -0.17 0.00	31.21 -0.21 0.00	29.86 0.32 0.00	26.46 0.03 0.00	26.43 0.03 -0.38	18.79 -0.01 -3.01	14.01 0.03 -8.28	16.23 0.12 -7.42	25.86 0.24 -11.06	13.85 -0.09 -16.72	11.81 -0.03 -11.82	26.71 0.53 -2.02	25.82 0.45 -0.18	22.65 0.44 -0.23
NEG CENTRAL___SENECA 23627	35.36 0.33 0.00	30.04 0.34 0.00	23.88 0.25 0.00	23.12 0.04 0.00	21.34 0.00 0.00	18.71 0.05 0.00	17.65 0.03 0.00	22.94 0.09 0.00	24.31 -0.01 0.00	26.06 -0.04 0.00	31.28 -0.09 0.00	31.29 -0.13 0.00	29.74 0.21 0.00	26.53 0.10 0.00	26.47 0.10 -0.35	18.62 0.10 -2.74	13.25 0.03 -7.52	15.50 0.07 -6.74	24.76 0.16 -10.05	12.37 -0.05 -15.19	10.74 -0.02 -10.74	26.29 0.30 -1.84	25.58 0.23 -0.16	22.41 0.21 -0.21
NEG CENTRAL___STATE_STREET 24147	35.69 0.66 0.00	30.08 0.38 0.00	23.91 0.28 0.00	23.31 0.23 0.00	21.54 0.20 0.00	18.87 0.21 0.00	17.83 0.20 0.00	23.05 0.21 0.00	24.48 0.15 0.00	26.24 0.14 0.00	31.54 0.16 0.00	31.55 0.14 0.00	29.86 0.32 0.00	26.76 0.33 0.00	26.76 0.41 -0.33	18.66 0.28 -2.59	12.88 0.06 -7.12	15.21 0.14 -6.38	24.33 0.27 -9.51	11.54 -0.07 -14.38	10.18 -0.01 -10.17	26.40 0.50 -1.74	25.77 0.42 -0.15	22.55 0.36 -0.20
NEG MILLWOOD___DRP 24198	36.73 1.70 0.00	31.10 1.40 0.00	24.74 1.11 0.00	24.16 1.07 0.00	22.33 0.98 0.00	19.60 0.94 0.00	18.60 0.98 0.00	24.13 1.28 0.00	25.73 1.41 0.00	27.57 1.47 0.00	33.06 1.68 0.00	33.13 1.71 0.00	31.27 1.73 0.00	28.01 1.58 0.00	28.83 1.52 -1.29	26.85 0.93 -10.14	33.88 0.32 -27.86	34.16 0.50 -24.97	52.61 0.83 -37.22	53.33 -0.17 -56.27	39.80 0.00 -39.78	32.51 1.56 -6.81	27.36 1.57 -0.60	24.12 1.36 -0.77

NEG NORTH_FLCN_SEA 23793	35.37 0.34 0.00	30.81 1.12 0.00	24.60 0.97 0.00	24.19 1.11 0.00	22.42 1.08 0.00	19.65 1.00 0.00	18.50 0.87 0.00	23.94 1.10 0.00	25.62 1.29 0.00	27.52 1.42 0.00	33.11 1.74 0.00	33.05 1.64 0.00	30.63 1.09 0.00	27.22 0.79 0.00	26.51 0.49 0.00	15.95 0.16 0.00	5.73 0.03 0.00	8.67 -0.02 0.00	14.37 -0.18 0.00	-2.68 0.09 0.00	-16.49 0.03 16.53	-21.23 -1.02 44.37	-21.24 -0.98 45.45	-21.21 -0.90 42.29
NEG NORTH_KES_CHATEGAY 23792	35.00 -0.03 0.00	30.48 0.78 0.00	24.32 0.69 0.00	23.88 0.80 0.00	22.14 0.80 0.00	19.37 0.72 0.00	18.25 0.63 0.00	23.65 0.79 0.00	25.27 0.95 0.00	27.17 1.07 0.00	32.70 1.33 0.00	32.64 1.23 0.00	30.25 0.72 0.00	26.87 0.44 0.00	26.17 0.14 0.00	15.75 -0.03 0.00	5.67 -0.03 0.00	8.58 -0.11 0.00	14.23 -0.32 0.00	-2.65 0.12 0.00	-17.53 0.03 17.58	-24.12 -1.10 47.18	-24.23 -1.09 48.34	-24.00 -1.01 44.97
NEG NORTH___ALICE_FALLS 23915	35.35 0.32 0.00	30.78 1.08 0.00	24.57 0.94 0.00	24.15 1.06 0.00	22.38 1.04 0.00	19.62 0.96 0.00	18.47 0.85 0.00	23.93 1.08 0.00	25.61 1.29 0.00	27.53 1.43 0.00	33.12 1.75 0.00	33.06 1.64 0.00	30.65 1.11 0.00	27.24 0.80 0.00	26.52 0.50 0.00	15.95 0.17 0.00	5.74 0.04 0.00	8.68 -0.01 0.00	14.39 -0.16 0.00	-2.68 0.09 0.00	-16.65 0.02 16.70	-21.63 -0.97 44.81	-21.66 -0.94 45.91	-21.61 -0.88 42.72
NEG NORTH___LWR_SARANAC 23913	35.35 0.32 0.00	30.78 1.08 0.00	24.57 0.94 0.00	24.15 1.06 0.00	22.38 1.04 0.00	19.62 0.96 0.00	18.47 0.85 0.00	23.93 1.08 0.00	25.61 1.29 0.00	27.53 1.43 0.00	33.12 1.75 0.00	33.06 1.64 0.00	30.65 1.11 0.00	27.24 0.80 0.00	26.52 0.50 0.00	15.95 0.17 0.00	5.74 0.04 0.00	8.68 -0.01 0.00	14.39 -0.16 0.00	-2.68 0.09 0.00	-16.65 0.02 16.70	-21.63 -0.97 44.81	-21.66 -0.94 45.91	-21.61 -0.88 42.72
NEG NORTH___PLATTSBURG 23628	35.35 0.32 0.00	30.78 1.08 0.00	24.57 0.94 0.00	24.15 1.06 0.00	22.38 1.04 0.00	19.62 0.96 0.00	18.47 0.85 0.00	23.93 1.08 0.00	25.61 1.29 0.00	27.53 1.43 0.00	33.12 1.75 0.00	33.06 1.64 0.00	30.65 1.11 0.00	27.24 0.80 0.00	26.52 0.50 0.00	15.95 0.17 0.00	5.74 0.04 0.00	8.68 -0.01 0.00	14.39 -0.16 0.00	-2.68 0.09 0.00	-16.65 0.02 16.70	-21.63 -0.97 44.81	-21.67 -0.95 45.91	-21.61 -0.88 42.72
NEG WEST_LEA_LOCKPORT 23791	34.44 -0.59 0.00	29.07 -0.63 0.00	23.14 -0.49 0.00	22.19 -0.90 0.00	20.45 -0.90 0.00	17.85 -0.81 0.00	16.75 -0.87 0.00	21.64 -1.21 0.00	22.75 -1.58 0.00	24.51 -1.59 0.00	29.83 -1.55 0.00	29.98 -1.44 0.00	28.85 -0.69 0.00	25.72 -0.72 0.00	25.49 -0.89 -0.36	18.05 -0.55 -2.81	13.12 -0.30 -7.72	15.32 -0.29 -6.92	24.32 -0.55 -10.31	12.82 0.00 -15.59	11.00 -0.04 -11.02	25.53 -0.51 -1.89	24.91 -0.45 -0.17	22.02 -0.18 -0.21
NEG WEST___LANCASTR 23811	35.48 0.45 0.00	29.96 0.25 0.00	23.82 0.19 0.00	22.87 -0.21 0.00	21.07 -0.28 0.00	18.43 -0.22 0.00	17.31 -0.31 0.00	22.47 -0.37 0.00	23.68 -0.64 0.00	25.46 -0.64 0.00	30.87 -0.50 0.00	30.95 -0.47 0.00	29.74 0.21 0.00	26.51 0.07 0.00	26.22 -0.18 -0.39	18.68 -0.14 -3.04	13.94 -0.11 -8.35	16.12 -0.05 -7.48	25.62 -0.08 -11.16	14.03 -0.05 -16.86	11.91 -0.03 -11.92	26.42 0.23 -2.04	25.67 0.30 -0.18	22.61 0.39 -0.23
NEG_PENN_ALLEGHNY 23528	35.72 0.69 0.00	30.21 0.51 0.00	24.02 0.39 0.00	23.34 0.25 0.00	21.53 0.19 0.00	18.86 0.20 0.00	17.80 0.18 0.00	23.15 0.30 0.00	24.55 0.23 0.00	26.30 0.20 0.00	31.59 0.21 0.00	31.60 0.18 0.00	29.95 0.41 0.00	26.78 0.35 0.00	26.89 0.30 -0.57	20.49 0.18 -4.52	18.21 0.08 -12.42	19.94 0.11 -11.14	31.39 0.24 -16.60	22.28 -0.04 -25.10	17.76 -0.01 -17.74	27.64 0.45 -3.04	25.86 0.40 -0.27	22.70 0.37 -0.34
NEG___GEN_MONROE 24207	35.19 0.16 0.00	29.69 0.00 0.00	23.62 -0.01 0.00	22.85 -0.23 0.00	21.04 -0.31 0.00	18.37 -0.29 0.00	17.33 -0.30 0.00	22.48 -0.37 0.00	23.81 -0.51 0.00	25.60 -0.49 0.00	31.00 -0.37 0.00	31.11 -0.31 0.00	29.64 0.10 0.00	26.47 0.04 0.00	26.32 -0.02 -0.32	18.27 -0.01 -2.50	12.51 -0.06 -6.86	14.87 0.02 -6.15	23.73 0.01 -9.18	11.03 -0.06 -13.87	9.80 -0.03 -9.81	26.06 0.23 -1.68	25.52 0.18 -0.15	22.42 0.25 -0.19
NEPA___ENERGY 23901	35.35 0.31 0.00	29.82 0.12 0.00	23.66 0.03 0.00	22.68 -0.40 0.00	20.89 -0.45 0.00	18.34 -0.32 0.00	17.24 -0.38 0.00	22.54 -0.31 0.00	23.69 -0.63 0.00	25.33 -0.77 0.00	30.57 -0.80 0.00	30.65 -0.77 0.00	29.42 -0.12 0.00	26.20 -0.24 0.00	25.93 -0.48 -0.39	18.55 -0.30 -3.08	14.04 -0.11 -8.45	16.12 -0.14 -7.57	25.70 -0.14 -11.29	14.29 0.00 -17.06	12.06 -0.02 -12.06	26.29 0.08 -2.07	25.39 0.02 -0.18	22.41 0.19 -0.23
NEVERSINK___HYD 23608	36.89 1.86 0.00	31.23 1.53 0.00	24.81 1.18 0.00	24.20 1.12 0.00	22.36 1.02 0.00	19.63 0.97 0.00	18.65 1.03 0.00	24.29 1.44 0.00	25.84 1.51 0.00	27.70 1.60 0.00	33.19 1.81 0.00	33.21 1.79 0.00	31.35 1.81 0.00	28.03 1.60 0.00	28.66 1.53 -1.11	25.54 1.01 -8.75	30.06 0.32 -24.04	30.77 0.53 -21.55	47.59 0.92 -32.12	45.60 -0.18 -48.56	34.35 0.00 -34.33	31.75 1.72 -5.87	27.43 1.72 -0.52	24.14 1.49 -0.67
NEWKRMKL_115KV_TB1 55635	36.11 1.08 0.00	30.56 0.86 0.00	24.32 0.68 0.00	23.80 0.72 0.00	22.01 0.66 0.00	19.28 0.63 0.00	18.22 0.60 0.00	23.60 0.75 0.00	25.17 0.84 0.00	26.96 0.86 0.00	32.36 0.99 0.00	32.49 1.08 0.00	30.61 1.07 0.00	27.44 1.01 0.00	28.54 0.96 -1.56	28.63 0.58 -12.26	39.61 0.21 -33.70	39.23 0.33 -30.20	60.13 0.55 -45.03	65.18 -0.11 -68.07	48.14 0.00 -48.12	33.32 0.94 -8.23	26.84 0.92 -0.73	23.70 0.78 -0.93
NEWTON___FALLS_HYD 23847	35.14 0.11 0.00	29.87 0.17 0.00	23.78 0.15 0.00	23.23 0.15 0.00	21.47 0.13 0.00	18.76 0.11 0.00	17.71 0.08 0.00	23.06 0.21 0.00	24.57 0.25 0.00	26.37 0.28 0.00	31.66 0.29 0.00	31.35 -0.07 0.00	29.02 -0.52 0.00	25.94 -0.49 0.00	25.59 -0.51 -0.07	15.99 -0.37 -0.58	7.14 -0.15 -1.59	9.85 -0.26 -1.42	16.25 -0.42 -2.12	0.52 0.09 -3.20	4.10 0.03 -4.05	28.58 -0.75 -5.18	29.59 -0.55 -4.95	26.13 -0.47 -4.61
NGRID_A1_DSASP 323792	33.57 -1.46 0.00	28.35 -1.35 0.00	22.57 -1.06 0.00	21.65 -1.44 0.00	19.95 -1.40 0.00	17.41 -1.25 0.00	16.32 -1.30 0.00	21.08 -1.77 0.00	22.17 -2.16 0.00	23.90 -2.20 0.00	29.12 -2.25 0.00	29.30 -2.12 0.00	28.22 -1.32 0.00	25.20 -1.23 0.00	25.08 -1.31 -0.36	17.82 -0.81 -2.85	13.17 -0.36 -7.83	15.24 -0.47 -7.02	24.20 -0.81 -10.47	13.12 0.08 -15.82	11.19 -0.01 -11.18	25.15 -0.91 -1.91	24.52 -0.84 -0.17	21.69 -0.52 -0.22
NGRID_A2_DSASP 323793	33.57 -1.46 0.00	28.35 -1.35 0.00	22.57 -1.06 0.00	21.65 -1.44 0.00	19.95 -1.40 0.00	17.41 -1.25 0.00	16.32 -1.30 0.00	21.08 -1.77 0.00	22.17 -2.16 0.00	23.90 -2.20 0.00	29.12 -2.25 0.00	29.30 -2.12 0.00	28.22 -1.32 0.00	25.20 -1.23 0.00	25.08 -1.31 -0.36	17.82 -0.81 -2.85	13.17 -0.36 -7.83	15.24 -0.47 -7.02	24.20 -0.81 -10.47	13.12 0.08 -15.82	11.19 -0.01 -11.18	25.15 -0.91 -1.91	24.52 -0.84 -0.17	21.69 -0.52 -0.22

NGRID_A4_DSASP 323807	33.57 -1.46 0.00	28.35 -1.35 0.00	22.57 -1.06 0.00	21.65 -1.44 0.00	19.95 -1.40 0.00	17.41 -1.25 0.00	16.32 -1.30 0.00	21.08 -1.77 0.00	22.17 -2.16 0.00	23.90 -2.20 0.00	29.12 -2.25 0.00	29.30 -2.12 0.00	28.22 -1.32 0.00	25.20 -1.23 0.00	25.08 -1.31 -0.36	17.82 -0.81 -2.85	13.17 -0.36 -7.83	15.24 -0.47 -7.02	24.20 -0.81 -10.47	13.12 0.08 -15.82	11.19 -0.01 -11.18	25.15 -0.91 -1.91	24.52 -0.84 -0.17	21.69 -0.52 -0.22
NIAGARA_115E_LBMP 323715	34.07 -0.96 0.00	28.76 -0.94 0.00	22.89 -0.74 0.00	21.95 -1.14 0.00	20.23 -1.12 0.00	17.65 -1.00 0.00	16.56 -1.06 0.00	21.35 -1.50 0.00	22.39 -1.93 0.00	24.14 -1.96 0.00	29.40 -1.97 0.00	29.57 -1.85 0.00	28.47 -1.07 0.00	25.38 -1.05 0.00	25.15 -1.23 -0.36	17.88 -0.75 -2.84	13.14 -0.38 -7.82	15.29 -0.41 -7.01	24.25 -0.75 -10.44	13.06 0.05 -15.79	11.14 -0.04 -11.16	25.24 -0.82 -1.91	24.59 -0.77 -0.17	21.78 -0.42 -0.22
NIAGARA_115W_LBMP 323714	33.49 -1.54 0.00	28.28 -1.42 0.00	22.51 -1.12 0.00	21.59 -1.49 0.00	19.90 -1.45 0.00	17.36 -1.30 0.00	16.27 -1.35 0.00	21.02 -1.83 0.00	22.11 -2.21 0.00	23.84 -2.26 0.00	29.05 -2.32 0.00	29.22 -2.19 0.00	28.14 -1.39 0.00	25.14 -1.29 0.00	25.02 -1.36 -0.36	17.79 -0.84 -2.85	13.16 -0.37 -7.83	15.21 -0.49 -7.01	24.17 -0.84 -10.46	13.12 0.09 -15.81	11.19 -0.01 -11.18	25.10 -0.97 -1.91	24.47 -0.89 -0.17	21.64 -0.56 -0.22
NIAGARA_230_LBMP 323716	33.99 -1.04 0.00	28.69 -1.01 0.00	22.84 -0.79 0.00	21.91 -1.17 0.00	20.20 -1.15 0.00	17.63 -1.03 0.00	16.54 -1.08 0.00	21.38 -1.47 0.00	22.49 -1.83 0.00	24.24 -1.85 0.00	29.51 -1.86 0.00	29.64 -1.78 0.00	28.53 -1.01 0.00	25.44 -0.99 0.00	25.24 -1.15 -0.36	17.92 -0.70 -2.84	13.13 -0.36 -7.79	15.30 -0.38 -6.98	24.27 -0.69 -10.41	13.00 0.03 -15.74	11.10 -0.05 -11.13	25.34 -0.71 -1.90	24.69 -0.67 -0.17	21.80 -0.40 -0.22
NIAGARA__115KV_198_GIBSON 55903	33.48 -1.55 0.00	28.28 -1.41 0.00	22.51 -1.12 0.00	21.59 -1.49 0.00	19.90 -1.45 0.00	17.36 -1.30 0.00	16.27 -1.35 0.00	21.02 -1.83 0.00	22.11 -2.21 0.00	23.83 -2.27 0.00	29.05 -2.32 0.00	29.22 -2.19 0.00	28.14 -1.40 0.00	25.14 -1.29 0.00	25.02 -1.36 -0.36	17.78 -0.85 -2.85	13.16 -0.37 -7.83	15.21 -0.49 -7.01	24.17 -0.84 -10.46	13.12 0.09 -15.81	11.19 -0.01 -11.18	25.08 -0.99 -1.91	24.47 -0.89 -0.17	21.64 -0.57 -0.22
NIAGARA____ 23760	33.99 -1.04 0.00	28.69 -1.01 0.00	22.84 -0.79 0.00	21.91 -1.17 0.00	20.20 -1.15 0.00	17.63 -1.03 0.00	16.54 -1.08 0.00	21.38 -1.47 0.00	22.49 -1.83 0.00	24.24 -1.85 0.00	29.51 -1.86 0.00	29.64 -1.78 0.00	28.53 -1.01 0.00	25.44 -0.99 0.00	25.24 -1.15 -0.36	17.92 -0.70 -2.84	13.16 -0.36 -7.82	15.31 -0.38 -7.00	24.30 -0.69 -10.44	13.05 0.03 -15.79	11.14 -0.05 -11.16	25.35 -0.71 -1.91	24.69 -0.67 -0.17	21.80 -0.40 -0.22
NINE_MILE_1 23575	34.22 -0.81 0.00	28.98 -0.72 0.00	23.05 -0.58 0.00	22.47 -0.61 0.00	20.77 -0.58 0.00	18.14 -0.51 0.00	17.12 -0.50 0.00	22.19 -0.65 0.00	23.61 -0.71 0.00	25.33 -0.77 0.00	30.45 -0.92 0.00	30.51 -0.91 0.00	28.77 -0.77 0.00	25.75 -0.68 0.00	25.59 -0.63 -0.20	16.97 -0.37 -1.56	9.84 -0.14 -4.28	12.32 -0.20 -3.84	19.93 -0.33 -5.72	5.92 0.06 -8.64	6.13 -0.01 -6.11	24.68 -0.52 -1.04	24.73 -0.55 -0.09	21.61 -0.49 -0.12
NINE_MILE_2 23744	34.22 -0.80 0.00	28.98 -0.72 0.00	23.05 -0.58 0.00	22.48 -0.60 0.00	20.77 -0.58 0.00	18.15 -0.51 0.00	17.12 -0.50 0.00	22.20 -0.65 0.00	23.61 -0.71 0.00	25.33 -0.77 0.00	30.46 -0.91 0.00	30.51 -0.91 0.00	28.77 -0.76 0.00	25.76 -0.68 0.00	25.60 -0.62 -0.20	16.97 -0.37 -1.55	9.82 -0.14 -4.26	12.31 -0.20 -3.82	19.92 -0.33 -5.69	5.88 0.06 -8.60	6.10 -0.01 -6.08	24.67 -0.52 -1.04	24.73 -0.55 -0.09	21.62 -0.49 -0.12
NM_CAPITAL____DRP 24208	36.09 1.06 0.00	30.55 0.86 0.00	24.31 0.67 0.00	23.81 0.72 0.00	22.01 0.66 0.00	19.28 0.63 0.00	18.21 0.59 0.00	23.58 0.74 0.00	25.15 0.83 0.00	26.93 0.84 0.00	32.33 0.96 0.00	32.47 1.06 0.00	30.58 1.04 0.00	27.42 0.99 0.00	28.52 0.94 -1.55	28.59 0.57 -12.24	39.53 0.20 -33.63	39.16 0.33 -30.14	60.03 0.54 -44.94	65.04 -0.11 -67.92	48.04 0.00 -48.02	33.28 0.91 -8.21	26.82 0.90 -0.73	23.69 0.77 -0.93
NM_CENTRAL____DRP 24181	34.98 -0.05 0.00	29.58 -0.11 0.00	23.54 -0.09 0.00	22.92 -0.16 0.00	21.17 -0.18 0.00	18.51 -0.15 0.00	17.47 -0.15 0.00	22.67 -0.17 0.00	24.11 -0.22 0.00	25.85 -0.24 0.00	31.10 -0.28 0.00	31.15 -0.27 0.00	29.44 -0.10 0.00	26.34 -0.09 0.00	26.23 -0.06 -0.27	17.88 -0.02 -2.12	11.50 -0.01 -5.82	13.90 -0.01 -5.21	22.32 0.00 -7.77	8.96 -0.01 -11.75	8.32 -0.01 -8.30	25.61 0.04 -1.42	25.31 -0.01 -0.13	22.14 -0.01 -0.16
NM_FRONTIER____DRP 24179	33.48 -1.55 0.00	28.28 -1.41 0.00	22.51 -1.12 0.00	21.59 -1.49 0.00	19.90 -1.45 0.00	17.36 -1.30 0.00	16.27 -1.35 0.00	21.02 -1.83 0.00	22.11 -2.21 0.00	23.83 -2.27 0.00	29.05 -2.32 0.00	29.22 -2.19 0.00	28.14 -1.40 0.00	25.14 -1.29 0.00	25.02 -1.36 -0.36	17.78 -0.85 -2.85	13.16 -0.37 -7.83	15.21 -0.49 -7.01	24.17 -0.84 -10.46	13.12 0.09 -15.81	11.19 -0.01 -11.18	25.08 -0.99 -1.91	24.47 -0.89 -0.17	21.64 -0.57 -0.22
NM_ST_REGIS____HYD 24053	35.05 0.02 0.00	30.03 0.33 0.00	23.92 0.29 0.00	23.43 0.34 0.00	21.71 0.36 0.00	18.95 0.29 0.00	17.87 0.25 0.00	23.21 0.36 0.00	24.77 0.45 0.00	26.65 0.55 0.00	32.07 0.70 0.00	31.88 0.46 0.00	29.40 -0.14 0.00	26.21 -0.22 0.00	25.73 -0.33 -0.04	15.82 -0.25 -0.29	6.38 -0.11 -0.79	9.19 -0.21 -0.71	15.22 -0.39 -1.06	-1.07 0.11 -1.60	5.57 0.05 -5.50	35.40 -0.67 -11.93	36.71 -0.52 -12.04	32.72 -0.47 -11.21
NORTHPORT____1 23551	36.86 1.83 0.00	31.49 1.79 0.00	24.99 1.36 0.00	24.35 1.27 0.00	22.55 1.20 0.00	19.80 1.14 0.00	18.88 1.26 0.00	24.42 1.57 0.00	25.94 1.62 0.00	27.79 1.68 -0.02	33.83 1.82 -0.64	33.35 1.94 0.00	31.34 1.80 0.00	28.09 1.66 0.00	28.98 1.68 -1.28	26.84 0.96 -10.10	33.79 0.34 -27.75	34.03 0.46 -24.88	52.42 0.78 -37.09	53.14 -0.14 -56.06	39.69 0.03 -39.63	32.55 1.62 -6.78	27.59 1.80 -0.60	24.45 1.69 -0.77
NORTHPORT____2 23552	36.86 1.83 0.00	31.49 1.79 0.00	24.99 1.36 0.00	24.35 1.27 0.00	22.55 1.20 0.00	19.80 1.14 0.00	18.88 1.26 0.00	24.42 1.57 0.00	25.94 1.62 0.00	27.79 1.68 -0.02	33.83 1.82 -0.64	33.35 1.94 0.00	31.34 1.80 0.00	28.09 1.66 0.00	28.98 1.68 -1.28	26.84 0.96 -10.10	33.79 0.34 -27.75	34.03 0.46 -24.88	52.42 0.78 -37.09	53.14 -0.14 -56.06	39.69 0.03 -39.63	32.55 1.62 -6.78	27.59 1.80 -0.60	24.45 1.69 -0.77
NORTHPORT____3 23553	36.61 1.58 0.00	31.25 1.55 0.00	24.82 1.19 0.00	24.18 1.10 0.00	22.38 1.03 0.00	19.65 1.00 0.00	18.73 1.11 0.00	24.23 1.38 0.00	25.75 1.43 0.00	27.38 1.58 0.30	31.05 1.82 2.14	33.16 1.75 0.00	31.15 1.62 0.00	27.91 1.49 0.00	28.79 1.49 -1.28	26.73 0.85 -10.10	33.75 0.29 -27.75	33.99 0.42 -24.88	52.34 0.70 -37.09	53.16 -0.13 -56.06	39.69 0.03 -39.63	32.38 1.45 -6.78	27.40 1.61 -0.60	24.27 1.52 -0.77

NORTHPORT___4 23650	36.61 1.58 0.00	31.25 1.55 0.00	24.82 1.19 0.00	24.18 1.10 0.00	22.38 1.03 0.00	19.65 1.00 0.00	18.73 1.11 0.00	24.23 1.38 0.00	25.75 1.43 0.00	27.38 1.58 0.30	31.05 1.82 2.14	33.16 1.75 0.00	31.15 1.62 0.00	27.91 1.49 0.00	28.79 1.49 -1.28	26.73 0.85 -10.10	33.75 0.29 -27.75	33.99 0.42 -24.88	52.34 0.70 -37.09	53.16 -0.13 -56.06	39.69 0.03 -39.63	32.38 1.45 -6.78	27.40 1.61 -0.60	24.27 1.52 -0.77
NORTHPORT___IC 23718	36.86 1.83 0.00	31.49 1.79 0.00	24.99 1.36 0.00	24.35 1.27 0.00	22.55 1.20 0.00	19.80 1.14 0.00	18.88 1.26 0.00	24.42 1.57 0.00	25.94 1.62 0.00	27.79 1.68 -0.02	33.83 1.82 -0.64	33.35 1.94 0.00	31.34 1.80 0.00	28.09 1.66 0.00	28.98 1.68 -1.28	26.84 0.96 -10.10	33.79 0.34 -27.75	34.03 0.46 -24.88	52.42 0.78 -37.09	53.14 -0.14 -56.06	39.69 0.03 -39.63	32.55 1.62 -6.78	27.59 1.80 -0.60	24.45 1.69 -0.77
NORTH___COUNTRY_ESR 323785	34.86 -0.17 0.00	30.38 0.69 0.00	24.24 0.61 0.00	23.81 0.73 0.00	22.07 0.72 0.00	19.31 0.65 0.00	18.19 0.57 0.00	23.56 0.71 0.00	25.18 0.85 0.00	27.07 0.97 0.00	32.58 1.21 0.00	32.52 1.11 0.00	30.14 0.60 0.00	26.78 0.35 0.00	26.08 0.06 0.00	15.69 -0.09 0.00	5.65 -0.05 0.00	8.54 -0.15 0.00	14.16 -0.39 0.00	-2.64 0.13 0.00	-17.55 0.03 17.60	-24.31 -1.22 47.24	-24.41 -1.20 48.40	-24.16 -1.11 45.03
NPX_GEN_1385_PROXY 323591	36.34 1.31 0.00	31.16 1.46 0.00	24.73 1.10 0.00	24.10 1.01 0.00	22.43 1.09 0.00	19.73 1.07 0.00	18.78 1.16 0.00	24.47 1.33 -0.30	25.81 1.49 0.00	27.75 1.63 -0.02	33.50 1.48 -0.64	33.19 1.77 0.00	31.02 1.48 0.00	27.80 1.37 0.00	28.99 1.68 -1.28	26.66 0.78 -10.10	33.72 0.26 -27.75	33.97 0.40 -24.88	52.30 0.66 -37.09	53.16 -0.13 -56.06	39.69 0.03 -39.63	32.22 1.29 -6.78	27.34 1.54 -0.60	24.10 1.35 -0.77
NPX_GEN_CSC 323557	37.73 2.70 0.00	32.17 2.47 0.00	25.52 1.89 0.00	24.85 1.76 0.00	22.98 1.64 0.00	20.18 1.53 0.00	19.26 1.64 0.00	25.26 2.12 -0.30	26.58 2.26 0.00	35.97 2.46 -7.41	58.24 2.83 -24.05	34.30 2.87 -0.02	32.18 2.64 0.00	28.81 2.37 0.00	29.70 2.39 -1.28	27.31 1.43 -10.10	33.97 0.51 -27.75	34.31 0.74 -24.88	52.88 1.24 -37.09	53.05 -0.23 -56.06	39.70 0.04 -39.64	33.30 2.37 -6.78	28.33 2.54 -0.60	25.04 2.29 -0.77
NSINS_S_GLNS_FALLS 23858	36.80 1.77 0.00	31.09 1.39 0.00	24.68 1.05 0.00	24.20 1.11 0.00	22.41 1.07 0.00	19.65 0.99 0.00	18.48 0.86 0.00	23.94 1.09 0.00	25.65 1.33 0.00	27.48 1.38 0.00	33.07 1.70 0.00	33.33 1.91 0.00	31.39 1.86 0.00	28.17 1.73 0.00	29.24 1.63 -1.59	29.31 1.00 -12.52	40.50 0.39 -34.41	40.09 0.56 -30.84	61.46 0.93 -45.98	66.55 -0.18 -69.50	49.15 -0.01 -49.14	33.88 1.32 -8.41	27.25 1.32 -0.74	24.08 1.14 -0.96
NUCOR_STEEL___DRP 24197	35.68 0.65 0.00	30.05 0.35 0.00	23.89 0.26 0.00	23.30 0.22 0.00	21.54 0.20 0.00	18.87 0.21 0.00	17.83 0.20 0.00	23.03 0.19 0.00	24.46 0.13 0.00	26.23 0.13 0.00	31.52 0.14 0.00	31.54 0.12 0.00	29.84 0.30 0.00	26.76 0.33 0.00	26.75 0.41 -0.32	18.61 0.28 -2.54	12.74 0.06 -6.98	15.08 0.14 -6.26	24.15 0.27 -9.33	11.26 -0.06 -14.10	9.98 -0.01 -9.97	26.36 0.50 -1.71	25.76 0.42 -0.15	22.54 0.36 -0.19
NUMBER_THREE_WT_PWR 323818	35.64 0.62 0.00	30.19 0.49 0.00	24.04 0.41 0.00	23.44 0.36 0.00	21.63 0.28 0.00	18.92 0.26 0.00	17.87 0.25 0.00	23.31 0.47 0.00	24.82 0.50 0.00	26.59 0.49 0.00	31.83 0.46 0.00	31.44 0.02 0.00	29.24 -0.30 0.00	26.16 -0.27 0.00	25.89 -0.23 -0.10	16.31 -0.24 -0.77	7.71 -0.10 -2.11	10.38 -0.20 -1.89	17.09 -0.27 -2.82	1.54 0.06 -4.25	3.84 0.01 -3.80	26.09 -0.70 -2.65	26.97 -0.45 -2.23	23.72 -0.36 -2.09
NYISO_LBMP_REFERENCE 24008	35.03 0.00 0.00	29.70 0.00 0.00	23.63 0.00 0.00	23.08 0.00 0.00	21.35 0.00 0.00	18.66 0.00 0.00	17.62 0.00 0.00	22.85 0.00 0.00	24.32 0.00 0.00	26.10 0.00 0.00	31.37 0.00 0.00	31.41 0.00 0.00	29.54 0.00 0.00	26.43 0.00 0.00	26.02 0.00 0.00	15.78 0.00 0.00	5.70 0.00 0.00	8.69 0.00 0.00	14.55 0.00 0.00	-2.78 0.00 0.00	0.02 0.00 0.00	24.15 0.00 0.00	25.19 0.00 0.00	21.99 0.00 0.00
NYPA_BRENTWD___GT 24164	37.32 2.29 0.00	31.83 2.13 0.00	25.26 1.63 0.00	24.60 1.52 0.00	22.76 1.42 0.00	19.99 1.34 0.00	19.07 1.45 0.00	24.71 1.85 0.00	26.28 1.96 0.00	29.86 2.10 -1.66	38.77 2.37 -5.03	33.87 2.45 0.00	31.79 2.25 0.00	28.50 2.06 0.00	29.38 2.07 -1.28	27.09 1.21 -10.10	33.87 0.41 -27.75	34.12 0.55 -24.88	52.58 0.94 -37.09	53.13 -0.15 -56.06	39.71 0.05 -39.63	32.95 2.01 -6.78	27.97 2.18 -0.60	24.75 1.99 -0.77
NYPA_GOWANUS___GT5 24156	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NYPA_GOWANUS___GT6 24157	36.58 1.55 0.00	31.08 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.90 0.00	18.60 0.98 0.00	24.10 1.25 0.00	25.72 1.40 0.00	27.57 1.47 0.00	32.98 1.60 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.40 -0.77
NYPA_HARLEM__RVR_GT1 24160	36.42 1.39 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.99 0.91 0.00	22.20 0.86 0.00	19.49 0.83 0.00	18.53 0.91 0.00	23.96 1.11 0.00	25.60 1.28 0.00	27.44 1.34 0.00	32.78 1.40 0.00	32.84 1.43 0.00	31.09 1.55 0.00	27.87 1.45 0.00	28.64 1.34 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.97 0.40 -24.87	52.29 0.66 -37.08	53.14 -0.13 -56.06	39.67 0.01 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.27 -0.77
NYPA_HARLEM__RVR_GT2 24161	36.42 1.39 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.99 0.91 0.00	22.20 0.86 0.00	19.49 0.83 0.00	18.53 0.91 0.00	23.96 1.11 0.00	25.60 1.28 0.00	27.44 1.34 0.00	32.78 1.40 0.00	32.84 1.43 0.00	31.09 1.55 0.00	27.87 1.45 0.00	28.64 1.34 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.97 0.40 -24.87	52.29 0.66 -37.08	53.14 -0.13 -56.06	39.67 0.01 -39.63	32.35 1.41 -6.78	27.25 1.46 -0.60	24.02 1.27 -0.77
NYPA_KENT___GT 24152	36.53 1.50 0.00	31.01 1.32 0.00	24.67 1.04 0.00	24.06 0.98 0.00	22.24 0.90 0.00	19.52 0.86 0.00	18.56 0.94 0.00	24.06 1.21 0.00	25.68 1.35 0.00	27.52 1.43 0.00	32.92 1.55 0.00	32.97 1.55 0.00	31.20 1.67 0.00	27.97 1.54 0.00	28.76 1.46 -1.28	26.77 0.89 -10.10	33.76 0.31 -27.75	34.01 0.45 -24.87	52.34 0.71 -37.08	53.14 -0.14 -56.06	39.67 0.01 -39.63	32.45 1.52 -6.78	27.34 1.55 -0.60	24.10 1.35 -0.77

NYPA_POUCH1____GT 24155	36.61 1.58 0.00	31.10 1.40 0.00	24.74 1.11 0.00	24.13 1.05 0.00	22.31 0.96 0.00	19.57 0.91 0.00	18.61 0.99 0.00	24.13 1.28 0.00	25.75 1.43 0.00	27.60 1.50 0.00	33.01 1.64 0.00	33.06 1.64 0.00	31.30 1.76 0.00	28.05 1.62 0.00	28.84 1.54 -1.28	26.82 0.94 -10.10	33.78 0.33 -27.75	34.04 0.48 -24.87	52.37 0.74 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.54 1.61 -6.78	27.43 1.64 -0.60	24.18 1.42 -0.77
NYPA_VERNON____GT2 24162	36.48 1.45 0.00	30.95 1.25 0.00	24.62 0.99 0.00	24.02 0.93 0.00	22.20 0.85 0.00	19.48 0.83 0.00	18.53 0.91 0.00	24.01 1.17 0.00	25.64 1.31 0.00	27.47 1.38 0.00	32.86 1.49 0.00	32.91 1.49 0.00	31.15 1.61 0.00	27.92 1.49 0.00	28.70 1.40 -1.28	26.74 0.86 -10.10	33.75 0.30 -27.75	33.99 0.43 -24.87	52.32 0.69 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.39 1.45 -6.78	27.28 1.48 -0.60	24.05 1.29 -0.77
NYPA_VERNON____GT3 24163	36.48 1.45 0.00	30.95 1.25 0.00	24.62 0.99 0.00	24.02 0.93 0.00	22.20 0.85 0.00	19.48 0.83 0.00	18.53 0.91 0.00	24.01 1.17 0.00	25.64 1.31 0.00	27.47 1.38 0.00	32.86 1.49 0.00	32.91 1.49 0.00	31.15 1.61 0.00	27.92 1.49 0.00	28.70 1.40 -1.28	26.74 0.86 -10.10	33.75 0.30 -27.75	33.99 0.43 -24.87	52.32 0.69 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.39 1.45 -6.78	27.28 1.48 -0.60	24.05 1.29 -0.77
NYPA____ASTORIA_CC1 323568	36.41 1.38 0.00	30.90 1.20 0.00	24.58 0.95 0.00	23.98 0.89 0.00	22.17 0.82 0.00	19.45 0.80 0.00	18.50 0.88 0.00	23.98 1.13 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.81 1.44 0.00	32.86 1.45 0.00	31.09 1.55 0.00	27.87 1.44 0.00	28.66 1.36 -1.28	26.72 0.83 -10.10	33.74 0.28 -27.75	33.98 0.41 -24.87	52.30 0.67 -37.08	53.15 -0.13 -56.06	39.66 0.01 -39.63	32.34 1.41 -6.78	27.23 1.44 -0.60	24.00 1.25 -0.77
NYPA____ASTORIA_CC2 323569	36.41 1.38 0.00	30.90 1.20 0.00	24.58 0.95 0.00	23.98 0.89 0.00	22.17 0.82 0.00	19.45 0.80 0.00	18.50 0.88 0.00	23.98 1.13 0.00	25.59 1.27 0.00	27.43 1.33 0.00	32.81 1.44 0.00	32.86 1.45 0.00	31.09 1.55 0.00	27.87 1.44 0.00	28.66 1.36 -1.28	26.72 0.83 -10.10	33.74 0.28 -27.75	33.98 0.41 -24.87	52.30 0.67 -37.08	53.15 -0.13 -56.06	39.66 0.01 -39.63	32.34 1.41 -6.78	27.23 1.44 -0.60	24.00 1.25 -0.77
NYPA____HOLTSVILL 23794	37.35 2.32 0.00	31.86 2.16 0.00	25.28 1.65 0.00	24.62 1.53 0.00	22.77 1.42 0.00	20.00 1.34 0.00	19.07 1.45 0.00	24.72 1.87 0.00	26.30 1.98 0.00	35.65 2.14 -7.41	57.40 2.42 -23.61	33.91 2.48 -0.02	31.82 2.28 0.00	28.50 2.07 0.00	29.39 2.08 -1.28	27.11 1.22 -10.10	33.88 0.43 -27.75	34.18 0.61 -24.88	52.67 1.03 -37.09	53.10 -0.19 -56.06	39.70 0.04 -39.64	32.98 2.04 -6.78	28.02 2.22 -0.60	24.79 2.03 -0.77
NYPA____HELLGATE_GT1 24158	36.42 1.39 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.99 0.91 0.00	22.20 0.86 0.00	19.49 0.83 0.00	18.53 0.91 0.00	23.96 1.11 0.00	25.60 1.28 0.00	27.44 1.34 0.00	32.78 1.40 0.00	32.83 1.41 0.00	31.08 1.54 0.00	27.87 1.45 0.00	28.64 1.34 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.42 -6.78	27.25 1.46 -0.60	24.02 1.27 -0.77
NYPA____HELLGATE_GT2 24159	36.42 1.39 0.00	30.93 1.23 0.00	24.60 0.97 0.00	23.99 0.91 0.00	22.20 0.86 0.00	19.49 0.83 0.00	18.53 0.91 0.00	23.96 1.11 0.00	25.60 1.28 0.00	27.44 1.34 0.00	32.78 1.40 0.00	32.83 1.41 0.00	31.08 1.54 0.00	27.87 1.45 0.00	28.64 1.34 -1.28	26.71 0.83 -10.10	33.73 0.28 -27.75	33.96 0.40 -24.87	52.28 0.65 -37.08	53.15 -0.13 -56.06	39.67 0.02 -39.63	32.35 1.42 -6.78	27.25 1.46 -0.60	24.02 1.27 -0.77
NYS_BARGE____HYD 23848	34.48 -0.55 0.00	29.11 -0.59 0.00	23.16 -0.47 0.00	22.21 -0.87 0.00	20.47 -0.87 0.00	17.88 -0.78 0.00	16.78 -0.84 0.00	21.67 -1.18 0.00	22.78 -1.54 0.00	24.55 -1.55 0.00	29.88 -1.50 0.00	30.03 -1.39 0.00	28.89 -0.65 0.00	25.76 -0.68 0.00	25.53 -0.85 -0.36	18.06 -0.52 -2.79	13.09 -0.29 -7.68	15.29 -0.28 -6.88	24.29 -0.52 -10.26	12.74 0.00 -15.51	10.95 -0.04 -10.96	25.56 -0.47 -1.88	24.94 -0.41 -0.17	22.05 -0.15 -0.21
OAK ORCHARD____HYD 24046	34.88 -0.15 0.00	29.47 -0.23 0.00	23.44 -0.19 0.00	22.67 -0.41 0.00	20.93 -0.42 0.00	18.29 -0.37 0.00	17.25 -0.37 0.00	22.38 -0.47 0.00	23.72 -0.60 0.00	25.51 -0.58 0.00	30.85 -0.52 0.00	30.94 -0.48 0.00	29.46 -0.08 0.00	26.31 -0.12 0.00	26.18 -0.16 -0.31	18.17 -0.09 -2.49	12.44 -0.09 -6.83	14.78 -0.03 -6.12	23.61 -0.07 -9.12	10.98 -0.04 -13.79	9.75 -0.03 -9.75	25.87 0.05 -1.67	25.36 0.03 -0.15	22.23 0.05 -0.19
OAKDALE__35_KV_LOAD 356122	35.62 0.59 0.00	30.13 0.43 0.00	23.95 0.32 0.00	23.28 0.20 0.00	21.49 0.14 0.00	18.81 0.15 0.00	17.76 0.14 0.00	23.08 0.23 0.00	24.49 0.17 0.00	26.24 0.14 0.00	31.50 0.13 0.00	31.52 0.11 0.00	29.87 0.33 0.00	26.71 0.28 0.00	26.83 0.23 -0.57	20.44 0.15 -4.51	18.16 0.06 -12.40	19.89 0.09 -11.11	31.31 0.19 -16.57	22.23 -0.03 -25.04	17.72 -0.01 -17.71	27.58 0.39 -3.03	25.81 0.35 -0.27	22.65 0.32 -0.34
OCC_CHEM____DRP 24175	33.57 -1.46 0.00	28.36 -1.34 0.00	22.57 -1.06 0.00	21.64 -1.44 0.00	19.95 -1.40 0.00	17.40 -1.25 0.00	16.31 -1.31 0.00	21.08 -1.77 0.00	22.17 -2.16 0.00	23.90 -2.20 0.00	29.12 -2.25 0.00	29.30 -2.12 0.00	28.22 -1.32 0.00	25.20 -1.23 0.00	25.08 -1.31 -0.36	17.82 -0.82 -2.85	13.17 -0.36 -7.83	15.24 -0.47 -7.02	24.20 -0.81 -10.47	13.12 0.08 -15.82	11.19 -0.01 -11.18	25.13 -0.93 -1.91	24.52 -0.84 -0.17	21.68 -0.52 -0.22
OH_GEN_PROXY 24063	34.06 -0.97 0.00	28.75 -0.95 0.00	22.88 -0.75 0.00	21.96 -1.13 0.00	20.24 -1.11 0.00	17.67 -0.99 0.00	16.58 -1.04 0.00	21.74 -1.40 -0.30	22.59 -1.73 0.00	24.34 -1.76 0.00	29.61 -1.76 0.00	29.73 -1.68 0.00	28.60 -0.93 0.00	25.51 -0.92 0.00	25.30 -1.08 -0.36	17.96 -0.66 -2.84	13.16 -0.34 -7.79	15.32 -0.36 -6.99	24.31 -0.65 -10.41	13.00 0.03 -15.74	11.11 -0.04 -11.13	25.41 -0.65 -1.91	24.75 -0.61 -0.17	21.84 -0.37 -0.22
OLIN_CORP_DRP 24177	34.09 -0.94 0.00	28.78 -0.92 0.00	22.91 -0.72 0.00	21.96 -1.12 0.00	20.24 -1.10 0.00	17.67 -0.98 0.00	16.57 -1.05 0.00	21.37 -1.47 0.00	22.43 -1.89 0.00	24.18 -1.92 0.00	29.45 -1.92 0.00	29.61 -1.81 0.00	28.51 -1.03 0.00	25.42 -1.01 0.00	25.19 -1.20 -0.36	17.91 -0.73 -2.86	13.18 -0.37 -7.85	15.33 -0.40 -7.03	24.31 -0.73 -10.49	13.12 0.04 -15.85	11.18 -0.05 -11.21	25.27 -0.80 -1.92	24.63 -0.73 -0.17	21.80 -0.40 -0.22
OLIN_CORP_DSASP 323712	33.57 -1.46 0.00	28.35 -1.35 0.00	22.57 -1.06 0.00	21.65 -1.44 0.00	19.95 -1.40 0.00	17.41 -1.25 0.00	16.32 -1.30 0.00	21.08 -1.77 0.00	22.17 -2.16 0.00	23.90 -2.20 0.00	29.12 -2.25 0.00	29.30 -2.12 0.00	28.22 -1.32 0.00	25.20 -1.23 0.00	25.08 -1.31 -0.36	17.82 -0.81 -2.85	13.17 -0.36 -7.83	15.24 -0.47 -7.02	24.20 -0.81 -10.47	13.12 0.08 -15.82	11.19 -0.01 -11.18	25.15 -0.91 -1.91	24.52 -0.84 -0.17	21.69 -0.52 -0.22

ONEIDA_HERK_LFGE 323681	35.79 0.76 0.00	30.30 0.60 0.00	24.11 0.48 0.00	23.54 0.45 0.00	21.73 0.39 0.00	19.02 0.37 0.00	17.98 0.36 0.00	23.40 0.55 0.00	24.92 0.60 0.00	26.74 0.64 0.00	32.09 0.71 0.00	31.94 0.53 0.00	29.88 0.35 0.00	26.72 0.29 0.00	26.41 0.31 -0.08	16.57 0.15 -0.64	7.51 0.06 -1.75	10.32 0.07 -1.57	17.03 0.15 -2.33	0.72 -0.03 -3.53	2.90 0.00 -2.88	25.70 0.09 -1.46	26.46 0.17 -1.09	23.16 0.14 -1.03
ONEIDA___115KV_TB4 55905	36.10 1.07 0.00	30.56 0.86 0.00	24.31 0.68 0.00	23.72 0.64 0.00	21.92 0.58 0.00	19.20 0.54 0.00	18.16 0.54 0.00	23.60 0.76 0.00	25.15 0.82 0.00	26.99 0.90 0.00	32.42 1.05 0.00	32.42 1.01 0.00	30.38 0.85 0.00	27.13 0.69 0.00	26.86 0.71 -0.13	17.28 0.43 -1.06	8.78 0.16 -2.92	11.55 0.25 -2.61	18.89 0.44 -3.90	3.03 -0.09 -5.89	4.18 0.00 -4.16	25.48 0.61 -0.71	25.86 0.61 -0.06	22.56 0.50 -0.08
ONONDAGA_REF_OCCRA 23987	35.24 0.21 0.00	29.81 0.11 0.00	23.71 0.08 0.00	23.08 0.00 0.00	21.31 -0.03 0.00	18.64 -0.02 0.00	17.60 -0.02 0.00	22.86 0.01 0.00	24.29 -0.03 0.00	26.05 -0.04 0.00	31.32 -0.06 0.00	31.35 -0.06 0.00	29.66 0.12 0.00	26.55 0.12 0.00	26.47 0.15 -0.30	18.23 0.10 -2.35	12.18 0.03 -6.45	14.54 0.07 -5.78	23.30 0.13 -8.62	10.22 -0.03 -13.02	9.22 -0.01 -9.21	25.95 0.22 -1.58	25.51 0.18 -0.14	22.32 0.15 -0.18
ONONDAGA___COGEN 23986	35.28 0.25 0.00	29.82 0.12 0.00	23.73 0.10 0.00	23.10 0.02 0.00	21.34 -0.01 0.00	18.67 0.01 0.00	17.63 0.01 0.00	22.87 0.02 0.00	24.30 -0.02 0.00	26.06 -0.03 0.00	31.34 -0.04 0.00	31.37 -0.04 0.00	29.65 0.11 0.00	26.55 0.12 0.00	26.47 0.16 -0.29	18.20 0.11 -2.30	12.06 0.03 -6.33	14.43 0.07 -5.67	23.14 0.13 -8.46	9.98 -0.03 -12.79	9.05 -0.01 -9.04	25.94 0.24 -1.55	25.52 0.19 -0.14	22.32 0.16 -0.18
ONTARIO___LFGE 23819	35.37 0.34 0.00	30.04 0.34 0.00	23.88 0.26 0.00	23.12 0.04 0.00	21.34 0.00 0.00	18.70 0.05 0.00	17.65 0.03 0.00	22.94 0.09 0.00	24.31 -0.01 0.00	26.06 -0.04 0.00	31.29 -0.09 0.00	31.29 -0.13 0.00	29.74 0.21 0.00	26.53 0.10 0.00	26.47 0.10 -0.35	18.61 0.09 -2.74	13.25 0.03 -7.52	15.50 0.07 -6.74	24.76 0.16 -10.05	12.37 -0.05 -15.19	10.74 -0.02 -10.74	26.29 0.30 -1.84	25.58 0.22 -0.16	22.41 0.21 -0.21
ORANGEVILLE_WT_PWR 323706	34.82 -0.21 0.00	29.49 -0.21 0.00	23.46 -0.17 0.00	22.51 -0.57 0.00	20.70 -0.64 0.00	18.08 -0.58 0.00	16.98 -0.64 0.00	21.96 -0.89 0.00	23.02 -1.30 0.00	24.69 -1.41 0.00	29.80 -1.58 0.00	29.86 -1.56 0.00	28.75 -0.79 0.00	25.56 -0.87 0.00	25.36 -1.06 -0.40	18.32 -0.61 -3.15	14.06 -0.30 -8.66	16.10 -0.35 -7.76	25.56 -0.57 -11.57	14.78 0.06 -17.50	12.35 -0.04 -12.37	25.55 -0.72 -2.12	24.66 -0.72 -0.19	21.81 -0.42 -0.24
ORANGEVILLE___ESR 323794	34.82 -0.21 0.00	29.49 -0.21 0.00	23.46 -0.17 0.00	22.51 -0.57 0.00	20.70 -0.64 0.00	18.08 -0.58 0.00	16.98 -0.64 0.00	21.96 -0.89 0.00	23.02 -1.30 0.00	24.69 -1.41 0.00	29.80 -1.58 0.00	29.86 -1.56 0.00	28.75 -0.79 0.00	25.56 -0.87 0.00	25.36 -1.06 -0.40	18.32 -0.61 -3.15	14.06 -0.30 -8.66	16.10 -0.35 -7.76	25.56 -0.57 -11.57	14.78 0.06 -17.50	12.35 -0.04 -12.37	25.55 -0.72 -2.12	24.66 -0.72 -0.19	21.81 -0.42 -0.24
OSWEGATCHIE___HYD 24044	35.14 0.11 0.00	29.87 0.17 0.00	23.78 0.15 0.00	23.23 0.15 0.00	21.47 0.13 0.00	18.76 0.11 0.00	17.71 0.08 0.00	23.06 0.21 0.00	24.57 0.25 0.00	26.37 0.28 0.00	31.66 0.29 0.00	31.35 -0.07 0.00	29.02 -0.52 0.00	25.94 -0.49 0.00	25.59 -0.51 -0.07	15.99 -0.37 -0.58	7.14 -0.15 -1.59	9.85 -0.26 -1.42	16.25 -0.42 -2.12	0.52 0.09 -3.20	4.10 0.03 -4.05	28.58 -0.75 -5.18	29.59 -0.55 -4.95	26.13 -0.47 -4.61
OSWEGO___5 23606	34.37 -0.65 0.00	29.11 -0.59 0.00	23.16 -0.47 0.00	22.58 -0.51 0.00	20.86 -0.49 0.00	18.22 -0.43 0.00	17.20 -0.42 0.00	22.31 -0.54 0.00	23.72 -0.60 0.00	25.45 -0.65 0.00	30.61 -0.77 0.00	30.65 -0.77 0.00	28.91 -0.63 0.00	25.87 -0.56 0.00	25.72 -0.50 -0.20	17.03 -0.30 -1.55	9.84 -0.12 -4.25	12.34 -0.16 -3.81	19.97 -0.26 -5.68	5.86 0.04 -8.59	6.09 -0.01 -6.07	24.79 -0.41 -1.04	24.84 -0.44 -0.09	21.71 -0.39 -0.12
OSWEGO___6 23613	34.37 -0.65 0.00	29.11 -0.59 0.00	23.16 -0.47 0.00	22.58 -0.51 0.00	20.86 -0.49 0.00	18.22 -0.43 0.00	17.20 -0.42 0.00	22.31 -0.54 0.00	23.72 -0.60 0.00	25.45 -0.65 0.00	30.61 -0.77 0.00	30.65 -0.77 0.00	28.91 -0.63 0.00	25.87 -0.56 0.00	25.72 -0.50 -0.20	17.03 -0.30 -1.55	9.84 -0.12 -4.25	12.34 -0.16 -3.81	19.97 -0.26 -5.68	5.86 0.04 -8.59	6.09 -0.01 -6.07	24.79 -0.41 -1.04	24.84 -0.44 -0.09	21.71 -0.39 -0.12
OUTOKUMPU-AB___DRP 24206	34.60 -0.43 0.00	29.19 -0.51 0.00	23.22 -0.41 0.00	22.27 -0.82 0.00	20.52 -0.83 0.00	17.92 -0.74 0.00	16.82 -0.81 0.00	21.75 -1.10 0.00	22.87 -1.45 0.00	24.65 -1.45 0.00	29.99 -1.38 0.00	30.13 -1.29 0.00	29.01 -0.54 0.00	25.88 -0.55 0.00	25.68 -0.71 -0.36	18.21 -0.44 -2.87	13.34 -0.24 -7.88	15.51 -0.24 -7.06	24.63 -0.45 -10.53	13.14 0.00 -15.91	11.24 -0.03 -11.25	25.73 -0.35 -1.92	25.09 -0.27 -0.17	22.16 -0.04 -0.22
OXBOW___ 24026	34.14 -0.89 0.00	28.82 -0.88 0.00	22.93 -0.70 0.00	21.98 -1.10 0.00	20.25 -1.10 0.00	17.69 -0.97 0.00	16.60 -1.03 0.00	21.45 -1.40 0.00	22.56 -1.76 0.00	24.32 -1.78 0.00	29.61 -1.76 0.00	29.74 -1.67 0.00	28.64 -0.89 0.00	25.59 -0.85 0.00	25.43 -0.95 -0.36	18.04 -0.60 -2.86	13.26 -0.29 -7.85	15.39 -0.34 -7.04	24.43 -0.62 -10.49	13.13 0.03 -15.87	11.21 -0.03 -11.22	25.48 -0.60 -1.92	24.85 -0.51 -0.17	21.96 -0.25 -0.22
OXY_CHEM_DSASP 323612	33.57 -1.46 0.00	28.36 -1.34 0.00	22.57 -1.06 0.00	21.64 -1.44 0.00	19.95 -1.40 0.00	17.40 -1.25 0.00	16.31 -1.31 0.00	21.08 -1.77 0.00	22.17 -2.16 0.00	23.90 -2.20 0.00	29.12 -2.25 0.00	29.30 -2.12 0.00	28.22 -1.32 0.00	25.20 -1.23 0.00	25.08 -1.31 -0.36	17.82 -0.82 -2.85	13.17 -0.36 -7.83	15.24 -0.47 -7.02	24.20 -0.81 -10.47	13.12 0.08 -15.82	11.19 -0.01 -11.18	25.13 -0.93 -1.91	24.52 -0.84 -0.17	21.68 -0.52 -0.22
OZONE_PARK_ESR 323760	36.93 1.90 0.00	31.28 1.58 0.00	24.89 1.26 0.00	24.28 1.19 0.00	22.43 1.08 0.00	19.68 1.02 0.00	18.72 1.09 0.00	24.28 1.43 0.00	25.90 1.57 0.00	27.75 1.66 0.00	33.22 1.84 0.00	33.28 1.86 0.00	31.48 1.94 0.00	28.22 1.79 0.00	29.01 1.71 -1.28	26.92 1.04 -10.10	33.81 0.36 -27.75	34.09 0.53 -24.87	52.51 0.88 -37.08	53.11 -0.17 -56.05	39.65 0.00 -39.63	32.66 1.73 -6.78	27.55 1.76 -0.60	24.29 1.53 -0.77
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.57 -1.46 0.00	28.36 -1.34 0.00	22.57 -1.06 0.00	21.64 -1.44 0.00	19.95 -1.40 0.00	17.40 -1.25 0.00	16.31 -1.31 0.00	21.08 -1.77 0.00	22.17 -2.16 0.00	23.90 -2.20 0.00	29.12 -2.25 0.00	29.30 -2.12 0.00	28.22 -1.32 0.00	25.20 -1.23 0.00	25.08 -1.31 -0.36	17.82 -0.82 -2.85	13.17 -0.36 -7.83	15.24 -0.47 -7.02	24.20 -0.81 -10.47	13.12 0.08 -15.82	11.19 -0.01 -11.18	25.13 -0.93 -1.91	24.52 -0.84 -0.17	21.68 -0.52 -0.22

PACKARD__115KV_DUPONT_184 80571	33.57 -1.46 0.00	28.36 -1.34 0.00	22.57 -1.06 0.00	21.64 -1.44 0.00	19.95 -1.40 0.00	17.40 -1.25 0.00	16.31 -1.31 0.00	21.08 -1.77 0.00	22.17 -2.16 0.00	23.90 -2.20 0.00	29.12 -2.25 0.00	29.30 -2.12 0.00	28.22 -1.32 0.00	25.20 -1.23 0.00	25.08 -1.31 -0.36	17.82 -0.82 -2.85	13.17 -0.36 -7.83	15.24 -0.47 -7.02	24.20 -0.81 -10.47	13.12 0.08 -15.82	11.19 -0.01 -11.18	25.13 -0.93 -1.91	24.52 -0.84 -0.17	21.68 -0.52 -0.22
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.43 1.40 0.00	30.92 1.22 0.00	24.60 0.97 0.00	24.00 0.92 0.00	22.21 0.86 0.00	19.49 0.83 0.00	18.52 0.90 0.00	23.98 1.14 0.00	25.62 1.29 0.00	27.45 1.35 0.00	32.82 1.45 0.00	32.88 1.47 0.00	31.10 1.56 0.00	27.87 1.44 0.00	28.65 1.35 -1.28	26.72 0.84 -10.10	33.74 0.29 -27.75	33.99 0.42 -24.87	52.32 0.69 -37.08	53.14 -0.14 -56.06	39.67 0.01 -39.63	32.36 1.42 -6.78	27.25 1.46 -0.60	24.03 1.27 -0.77
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.43 1.40 0.00	30.93 1.24 0.00	24.62 0.99 0.00	24.01 0.92 0.00	22.21 0.87 0.00	19.49 0.83 0.00	18.53 0.90 0.00	23.99 1.14 0.00	25.62 1.29 0.00	27.45 1.35 0.00	32.82 1.45 0.00	32.88 1.47 0.00	31.10 1.56 0.00	27.87 1.44 0.00	28.65 1.35 -1.28	26.72 0.84 -10.10	33.74 0.29 -27.75	33.99 0.43 -24.87	52.34 0.70 -37.08	53.14 -0.14 -56.06	39.67 0.01 -39.63	32.38 1.44 -6.78	27.29 1.50 -0.60	24.06 1.30 -0.77
PATROON__115KV_TB1 80586	36.17 1.14 0.00	30.62 0.92 0.00	24.35 0.72 0.00	23.84 0.76 0.00	22.05 0.70 0.00	19.31 0.65 0.00	18.25 0.63 0.00	23.64 0.79 0.00	25.20 0.88 0.00	27.00 0.91 0.00	32.42 1.05 0.00	32.56 1.14 0.00	30.66 1.13 0.00	27.49 1.06 0.00	28.60 1.01 -1.56	28.68 0.61 -12.29	39.69 0.22 -33.77	39.31 0.35 -30.27	60.26 0.58 -45.12	65.32 -0.11 -68.21	48.24 0.00 -48.22	33.38 0.98 -8.25	26.89 0.96 -0.73	23.74 0.82 -0.94
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.38 0.35 0.00	29.86 0.16 0.00	23.75 0.12 0.00	22.78 -0.30 0.00	20.99 -0.36 0.00	18.36 -0.30 0.00	17.24 -0.38 0.00	22.37 -0.48 0.00	23.56 -0.76 0.00	25.34 -0.76 0.00	30.75 -0.62 0.00	30.85 -0.57 0.00	29.66 0.12 0.00	26.43 0.00 0.00	26.15 -0.25 -0.38	18.60 -0.17 -2.99	13.79 -0.13 -8.22	15.98 -0.07 -7.37	25.41 -0.13 -10.98	13.77 -0.05 -16.60	11.73 -0.04 -11.74	26.32 0.16 -2.01	25.59 0.22 -0.18	22.55 0.33 -0.23
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.73 1.70 0.00	31.10 1.40 0.00	24.74 1.11 0.00	24.16 1.07 0.00	22.33 0.98 0.00	19.60 0.94 0.00	18.60 0.98 0.00	24.13 1.28 0.00	25.73 1.41 0.00	27.57 1.47 0.00	33.06 1.68 0.00	33.13 1.71 0.00	31.27 1.73 0.00	28.01 1.58 0.00	28.83 1.52 -1.29	26.85 0.93 -10.14	33.88 0.32 -27.86	34.16 0.50 -24.97	52.61 0.83 -37.22	53.33 -0.17 -56.27	39.80 0.00 -39.78	32.51 1.56 -6.81	27.36 1.57 -0.60	24.12 1.36 -0.77
PEEKSKILL____ 23653	36.41 1.38 0.00	30.85 1.16 0.00	24.55 0.92 0.00	23.95 0.86 0.00	22.13 0.79 0.00	19.43 0.77 0.00	18.46 0.84 0.00	23.94 1.09 0.00	25.50 1.17 0.00	27.31 1.22 0.00	32.70 1.32 0.00	32.77 1.35 0.00	30.95 1.42 0.00	27.74 1.31 0.00	28.54 1.26 -1.26	26.48 0.77 -9.93	33.25 0.26 -27.28	33.54 0.40 -24.46	51.67 0.66 -36.46	52.21 -0.13 -55.11	38.99 0.00 -38.97	32.15 1.33 -6.67	27.13 1.35 -0.59	23.93 1.19 -0.76
PGE MADISON__WINDPWR 24146	37.73 2.70 0.00	31.88 2.18 0.00	25.33 1.70 0.00	24.57 1.48 0.00	22.59 1.25 0.00	19.77 1.11 0.00	18.65 1.03 0.00	24.23 1.38 0.00	25.75 1.43 0.00	27.56 1.46 0.00	32.83 1.46 0.00	32.74 1.33 0.00	30.71 1.17 0.00	27.37 0.93 0.00	27.73 1.13 -0.57	21.06 0.74 -4.54	18.39 0.23 -12.46	20.22 0.36 -11.17	31.82 0.62 -16.65	22.28 -0.12 -25.17	17.80 -0.02 -17.80	28.02 0.82 -3.05	26.20 0.74 -0.27	22.86 0.52 -0.34
PIERCEFIELD__HYD 23852	35.01 -0.02 0.00	29.86 0.16 0.00	23.77 0.14 0.00	23.27 0.19 0.00	21.56 0.21 0.00	18.80 0.15 0.00	17.74 0.11 0.00	23.04 0.19 0.00	24.58 0.25 0.00	26.44 0.34 0.00	31.81 0.44 0.00	31.57 0.15 0.00	29.07 -0.47 0.00	25.97 -0.47 0.00	25.54 -0.52 -0.04	15.74 -0.35 -0.31	6.42 -0.14 -0.86	9.20 -0.26 -0.77	15.26 -0.44 -1.15	-0.92 0.11 -1.74	3.92 0.05 -3.85	30.78 -0.62 -7.25	31.99 -0.43 -7.23	28.34 -0.38 -6.73
PINELAWN_CC_1 323563	37.05 2.03 0.00	31.57 1.88 0.00	25.07 1.43 0.00	24.41 1.33 0.00	22.58 1.23 0.00	19.84 1.18 0.00	18.91 1.28 0.00	24.52 1.67 0.00	26.08 1.76 0.00	28.49 1.88 -0.52	35.10 2.16 -1.57	33.61 2.19 0.00	31.57 2.03 0.00	28.31 1.88 0.00	29.17 1.87 -1.28	26.96 1.08 -10.10	33.83 0.37 -27.75	34.11 0.54 -24.88	52.55 0.91 -37.09	53.12 -0.17 -56.06	39.69 0.04 -39.63	32.77 1.83 -6.78	27.75 1.96 -0.60	24.55 1.79 -0.77
PJM_GEN_HTP_PROXY 323702	36.63 1.60 0.00	31.04 1.34 0.00	24.71 1.08 0.00	24.11 1.02 0.00	22.27 0.92 0.00	19.54 0.88 0.00	18.33 0.96 0.25	24.50 1.24 -0.41	25.69 1.36 0.00	27.54 1.44 0.00	32.57 1.56 0.36	33.00 1.58 0.00	31.21 1.67 0.00	27.97 1.54 0.00	28.77 1.47 -1.28	26.78 0.90 -10.10	33.75 0.30 -27.75	34.01 0.45 -24.87	52.38 0.75 -37.08	53.90 -0.15 -56.82	39.66 0.00 -39.63	32.43 1.50 -6.78	27.32 1.53 -0.60	24.10 1.34 -0.77
PJM_GEN_KEystone 24065	35.65 0.62 0.00	30.18 0.48 0.00	24.00 0.36 0.00	23.26 0.17 0.00	21.46 0.11 0.00	18.84 0.18 0.00	16.20 0.20 1.63	24.02 0.32 -0.85	24.54 0.22 0.00	26.29 0.19 0.00	31.21 0.20 0.36	31.63 0.21 0.00	30.09 0.55 0.00	26.90 0.46 0.00	27.21 0.36 -0.83	22.55 0.21 -6.55	23.75 0.04 -18.01	24.94 0.11 -16.14	38.82 0.21 -24.06	34.30 -0.07 -37.14	25.73 -0.01 -25.72	29.20 0.64 -4.40	26.20 0.62 -0.39	21.94 0.59 0.64
PJM_GEN_NEPTUNE_PROXY 323594	36.63 1.61 0.00	31.20 1.50 0.00	24.78 1.15 0.00	24.15 1.06 0.00	22.33 0.98 0.00	19.61 0.95 0.00	18.43 1.06 0.25	24.65 1.39 -0.41	25.74 1.42 0.00	27.62 1.52 0.00	32.72 1.71 0.36	33.16 1.74 0.00	31.20 1.67 0.00	27.97 1.54 0.00	28.82 1.52 -1.28	26.77 0.89 -10.10	33.76 0.31 -27.75	34.01 0.44 -24.88	52.38 0.74 -37.09	53.92 -0.13 -56.83	39.69 0.03 -39.63	32.45 1.51 -6.78	27.41 1.62 -0.60	24.24 1.48 -0.77
PJM_GEN_VFT_PROXY 323633	36.42 1.38 0.00	30.87 1.17 0.00	24.60 0.97 0.00	24.00 0.92 0.00	22.17 0.82 0.00	19.43 0.77 0.00	18.23 0.86 0.25	24.38 1.12 -0.41	25.55 1.23 0.00	27.37 1.27 0.00	32.35 1.34 0.36	32.77 1.36 0.00	31.01 1.47 0.00	27.80 1.37 0.00	28.60 1.30 -1.28	26.68 0.80 -10.10	33.73 0.28 -27.75	33.95 0.39 -24.87	52.28 0.64 -37.08	53.92 -0.13 -56.82	39.65 0.00 -39.63	32.26 1.33 -6.78	27.16 1.37 -0.60	23.96 1.20 -0.77
PLATSBURG_115KV_PMLD1 355749	35.34 0.31 0.00	30.80 1.10 0.00	24.58 0.95 0.00	24.17 1.09 0.00	22.41 1.07 0.00	19.64 0.98 0.00	18.48 0.86 0.00	23.93 1.08 0.00	25.60 1.27 0.00	27.50 1.40 0.00	33.08 1.71 0.00	33.03 1.62 0.00	30.61 1.07 0.00	27.20 0.76 0.00	26.49 0.46 0.00	15.93 0.15 0.00	5.73 0.02 0.00	8.66 -0.03 0.00	14.35 -0.20 0.00	-2.68 0.10 0.00	-16.48 0.02 16.53	-21.24 -1.04 44.36	-21.26 -1.01 45.44	-21.22 -0.92 42.28

PLEASANTVLY___LBMP 24000	36.25 1.23 0.00	30.71 1.01 0.00	24.44 0.81 0.00	23.88 0.79 0.00	22.07 0.73 0.00	19.37 0.72 0.00	18.37 0.75 0.00	23.79 0.94 0.00	25.35 1.03 0.00	27.15 1.05 0.00	32.53 1.16 0.00	32.62 1.20 0.00	30.79 1.25 0.00	27.60 1.17 0.00	28.47 1.11 -1.33	26.95 0.67 -10.49	34.76 0.24 -28.82	34.88 0.36 -25.84	53.66 0.59 -38.52	55.33 -0.12 -58.22	41.19 0.00 -41.17	32.34 1.15 -7.04	26.98 1.17 -0.62	23.82 1.03 -0.80
PLSNTVLE_13_KV_13.8KVDIST 80602	36.51 1.48 0.00	30.93 1.23 0.00	24.61 0.98 0.00	24.03 0.94 0.00	22.21 0.86 0.00	19.49 0.84 0.00	18.50 0.88 0.00	23.99 1.14 0.00	25.57 1.24 0.00	27.39 1.29 0.00	32.81 1.44 0.00	32.87 1.46 0.00	31.06 1.52 0.00	27.84 1.41 0.00	28.65 1.35 -1.29	26.74 0.81 -10.15	33.86 0.28 -27.88	34.11 0.42 -25.00	52.52 0.70 -37.26	53.41 -0.14 -56.33	39.85 0.00 -39.82	32.35 1.38 -6.81	27.19 1.40 -0.60	23.99 1.23 -0.77
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.51 1.48 0.00	30.93 1.23 0.00	24.61 0.98 0.00	24.03 0.94 0.00	22.21 0.86 0.00	19.49 0.84 0.00	18.50 0.88 0.00	23.99 1.14 0.00	25.57 1.24 0.00	27.39 1.29 0.00	32.81 1.44 0.00	32.87 1.46 0.00	31.06 1.52 0.00	27.84 1.41 0.00	28.65 1.35 -1.29	26.74 0.81 -10.15	33.86 0.28 -27.88	34.11 0.42 -25.00	52.52 0.70 -37.26	53.41 -0.14 -56.33	39.85 0.00 -39.82	32.35 1.38 -6.81	27.19 1.40 -0.60	23.99 1.23 -0.77
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.51 1.48 0.00	30.91 1.21 0.00	24.60 0.97 0.00	24.02 0.94 0.00	22.21 0.86 0.00	19.50 0.85 0.00	18.50 0.87 0.00	23.96 1.11 0.00	25.55 1.23 0.00	27.37 1.27 0.00	32.83 1.46 0.00	32.90 1.49 0.00	31.06 1.52 0.00	27.81 1.38 0.00	28.64 1.32 -1.30	26.82 0.81 -10.23	34.09 0.29 -28.10	34.31 0.43 -25.19	52.83 0.73 -37.56	53.85 -0.14 -56.77	40.15 0.00 -40.13	32.39 1.37 -6.87	27.18 1.38 -0.61	23.97 1.20 -0.78
POLETTI____ 23519	36.63 1.60 0.00	31.04 1.34 0.00	24.71 1.07 0.00	24.11 1.02 0.00	22.27 0.92 0.00	19.54 0.88 0.00	18.58 0.97 0.00	24.09 1.25 0.00	25.69 1.37 0.00	27.54 1.44 0.00	32.94 1.56 0.00	33.00 1.58 0.00	31.21 1.67 0.00	27.98 1.55 0.00	28.77 1.47 -1.28	26.79 0.90 -10.10	33.76 0.31 -27.75	34.01 0.45 -24.87	52.37 0.74 -37.08	53.13 -0.14 -56.05	39.65 0.00 -39.63	32.42 1.49 -6.78	27.32 1.53 -0.60	24.10 1.34 -0.77
POMONA___ESR 323819	36.40 1.36 0.00	30.84 1.14 0.00	24.52 0.89 0.00	23.90 0.82 0.00	22.08 0.73 0.00	19.40 0.75 0.00	18.44 0.82 0.00	23.95 1.10 0.00	25.48 1.15 0.00	27.28 1.18 0.00	32.64 1.27 0.00	32.72 1.30 0.00	30.92 1.38 0.00	27.70 1.27 0.00	28.43 1.23 -1.18	25.83 0.76 -9.29	31.47 0.25 -25.52	31.95 0.39 -22.87	49.31 0.66 -34.10	48.64 -0.14 -51.55	36.47 0.00 -36.45	31.74 1.35 -6.24	27.07 1.33 -0.55	23.87 1.17 -0.71
PORT_JEFF_3 23555	37.34 2.31 0.00	31.87 2.18 0.00	25.29 1.66 0.00	24.62 1.53 0.00	22.77 1.42 0.00	19.98 1.32 0.00	19.06 1.44 0.00	24.70 1.85 0.00	26.28 1.96 0.00	35.72 2.11 -7.51	58.40 2.38 -24.65	33.88 2.44 -0.02	31.75 2.21 0.00	28.42 1.99 0.00	29.31 2.01 -1.28	27.06 1.18 -10.10	33.87 0.41 -27.75	34.15 0.58 -24.88	52.61 0.96 -37.09	53.11 -0.18 -56.06	39.70 0.04 -39.64	32.93 1.99 -6.78	27.99 2.19 -0.60	24.78 2.02 -0.77
PORT_JEFF_4 23616	37.34 2.31 0.00	31.87 2.18 0.00	25.29 1.66 0.00	24.62 1.53 0.00	22.77 1.42 0.00	19.98 1.32 0.00	19.06 1.44 0.00	24.70 1.85 0.00	26.28 1.96 0.00	35.72 2.11 -7.51	58.40 2.38 -24.65	33.88 2.44 -0.02	31.75 2.21 0.00	28.42 1.99 0.00	29.31 2.01 -1.28	27.06 1.18 -10.10	33.87 0.41 -27.75	34.15 0.58 -24.88	52.61 0.96 -37.09	53.11 -0.18 -56.06	39.70 0.04 -39.64	32.93 1.99 -6.78	27.99 2.19 -0.60	24.78 2.02 -0.77
PORT_JEFF_IC 23713	37.41 2.38 0.00	31.91 2.21 0.00	25.32 1.69 0.00	24.65 1.57 0.00	22.80 1.45 0.00	20.01 1.35 0.00	19.09 1.47 0.00	24.74 1.89 0.00	26.33 2.01 0.00	36.24 2.18 -7.97	62.32 2.47 -28.48	33.95 2.51 -0.02	31.84 2.30 0.00	28.50 2.07 0.00	29.39 2.08 -1.28	27.11 1.23 -10.10	33.89 0.43 -27.75	34.18 0.61 -24.88	52.64 1.00 -37.09	53.11 -0.18 -56.06	39.71 0.04 -39.64	32.99 2.06 -6.79	28.05 2.26 -0.60	24.82 2.07 -0.77
PPL PILGRIM_ST_GT1 24216	37.32 2.29 0.00	31.83 2.13 0.00	25.26 1.63 0.00	24.60 1.52 0.00	22.76 1.42 0.00	19.99 1.34 0.00	19.07 1.45 0.00	24.71 1.85 0.00	26.28 1.96 0.00	29.86 2.10 -1.66	38.77 2.37 -5.03	33.87 2.45 0.00	31.79 2.25 0.00	28.50 2.06 0.00	29.38 2.07 -1.28	27.09 1.21 -10.10	33.87 0.41 -27.75	34.12 0.55 -24.88	52.58 0.94 -37.09	53.13 -0.15 -56.06	39.71 0.05 -39.63	32.95 2.01 -6.78	27.97 2.18 -0.60	24.75 1.99 -0.77
PPL PILGRIM_ST_GT2 24217	37.32 2.29 0.00	31.83 2.13 0.00	25.26 1.63 0.00	24.60 1.52 0.00	22.76 1.42 0.00	19.99 1.34 0.00	19.07 1.45 0.00	24.71 1.85 0.00	26.28 1.96 0.00	29.86 2.10 -1.66	38.77 2.37 -5.03	33.87 2.45 0.00	31.79 2.25 0.00	28.50 2.06 0.00	29.38 2.07 -1.28	27.09 1.21 -10.10	33.87 0.41 -27.75	34.12 0.55 -24.88	52.58 0.94 -37.09	53.13 -0.15 -56.06	39.71 0.05 -39.63	32.95 2.01 -6.78	27.97 2.18 -0.60	24.75 1.99 -0.77
PPL_SHRM_GT3 24213	37.75 2.72 0.00	32.18 2.49 0.00	25.54 1.90 0.00	24.86 1.78 0.00	22.99 1.65 0.00	20.19 1.54 0.00	19.27 1.64 0.00	24.98 2.13 0.00	26.60 2.28 0.00	36.09 2.48 -7.51	59.39 2.85 -25.16	34.32 2.88 -0.02	32.20 2.66 0.00	28.82 2.38 0.00	29.70 2.40 -1.28	27.33 1.44 -10.10	33.97 0.51 -27.75	34.32 0.75 -24.88	52.90 1.26 -37.09	53.05 -0.23 -56.06	39.70 0.04 -39.64	33.32 2.38 -6.78	28.35 2.56 -0.60	25.06 2.30 -0.77
PPL_SHRM_GT4 24214	37.75 2.72 0.00	32.18 2.49 0.00	25.54 1.90 0.00	24.86 1.78 0.00	22.99 1.65 0.00	20.19 1.54 0.00	19.27 1.64 0.00	24.98 2.13 0.00	26.60 2.28 0.00	36.09 2.48 -7.51	59.39 2.85 -25.16	34.32 2.88 -0.02	32.20 2.66 0.00	28.82 2.38 0.00	29.70 2.40 -1.28	27.33 1.44 -10.10	33.97 0.51 -27.75	34.32 0.75 -24.88	52.90 1.26 -37.09	53.05 -0.23 -56.06	39.70 0.04 -39.64	33.32 2.38 -6.78	28.35 2.56 -0.60	25.06 2.30 -0.77
PROJECT___ORANGE 1 24174	35.01 -0.02 0.00	29.61 -0.08 0.00	23.56 -0.07 0.00	22.93 -0.15 0.00	21.18 -0.16 0.00	18.52 -0.13 0.00	17.49 -0.13 0.00	22.70 -0.15 0.00	24.12 -0.20 0.00	25.87 -0.22 0.00	31.12 -0.25 0.00	31.17 -0.24 0.00	29.46 -0.07 0.00	26.37 -0.07 0.00	26.26 -0.03 -0.27	17.91 -0.01 -2.14	11.56 -0.01 -5.87	13.95 0.00 -5.26	22.41 0.02 -7.84	9.06 -0.01 -11.85	8.39 -0.01 -8.38	25.65 0.06 -1.44	25.34 0.02 -0.13	22.16 0.01 -0.16
PROJECT___ORANGE 2 24166	35.01 -0.02 0.00	29.61 -0.08 0.00	23.56 -0.07 0.00	22.93 -0.15 0.00	21.18 -0.16 0.00	18.52 -0.13 0.00	17.49 -0.13 0.00	22.70 -0.15 0.00	24.12 -0.20 0.00	25.87 -0.22 0.00	31.12 -0.25 0.00	31.17 -0.24 0.00	29.46 -0.07 0.00	26.37 -0.07 0.00	26.26 -0.03 -0.27	17.91 -0.01 -2.14	11.56 -0.01 -5.87	13.95 0.00 -5.26	22.41 0.02 -7.84	9.06 -0.01 -11.85	8.39 -0.01 -8.38	25.65 0.06 -1.44	25.34 0.02 -0.13	22.16 0.01 -0.16

PUCKETT___SOLAR 323809	36.17	30.59	24.32	23.62	21.76	19.05	17.97	23.33	24.77	26.54	31.86	31.81	29.97	26.82	27.03	20.72	18.65	20.35	31.99	23.09	18.33	27.81	25.92	22.73
	1.14	0.89	0.68	0.53	0.41	0.39	0.35	0.49	0.45	0.44	0.48	0.39	0.43	0.39	0.42	0.27	0.11	0.16	0.30	-0.05	-0.01	0.52	0.45	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.59	-4.67	-12.83	-11.50	-17.14	-25.91	-18.32	-3.14	-0.28	-0.36
PYRITES___HYD 24023	35.53	30.26	24.09	23.58	21.85	19.06	17.99	23.37	24.94	26.85	32.31	32.12	29.64	26.47	26.06	16.05	6.50	9.37	15.55	-1.12	3.57	30.56	31.73	28.05
	0.50	0.56	0.46	0.49	0.51	0.40	0.36	0.52	0.62	0.76	0.94	0.70	0.10	0.04	0.00	-0.03	0.00	-0.04	-0.07	0.04	0.04	-0.12	0.04	0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.29	-0.80	-0.72	-1.07	-1.62	-3.50	-6.53	-6.50	-6.06
QUAKERRD_115KV_BK1 80622	34.11	28.83	22.95	22.24	20.54	17.96	16.94	21.98	23.32	25.07	30.27	30.34	28.82	25.77	25.67	17.83	12.23	14.51	23.17	10.81	9.58	25.31	24.80	21.72
	-0.92	-0.87	-0.69	-0.84	-0.81	-0.70	-0.68	-0.87	-1.00	-1.03	-1.10	-1.08	-0.72	-0.66	-0.66	-0.40	-0.18	-0.20	-0.35	0.03	-0.03	-0.48	-0.54	-0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-2.44	-6.71	-6.02	-8.97	-13.56	-9.59	-1.64	-0.14	-0.19
QUEENSBRY_115KV_TB8 356137	36.86	31.12	24.70	24.22	22.43	19.67	18.49	23.95	25.68	27.51	33.10	33.39	31.47	28.24	29.29	29.35	40.53	40.12	61.51	66.57	49.16	33.90	27.27	24.10
	1.83	1.42	1.07	1.14	1.09	1.01	0.87	1.10	1.35	1.41	1.73	1.97	1.93	1.80	1.68	1.04	0.41	0.58	0.96	-0.18	-0.02	1.34	1.34	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.59	-12.52	-34.42	-30.85	-45.99	-69.52	-49.15	-8.41	-0.74	-0.96
RAMAPO___LBMP 323565	36.30	30.76	24.46	23.85	22.03	19.35	18.39	23.89	25.42	27.22	32.56	32.63	30.84	27.63	28.35	25.79	31.47	31.94	49.30	48.68	36.50	31.67	27.01	23.81
	1.27	1.06	0.82	0.76	0.68	0.70	0.77	1.04	1.09	1.12	1.19	1.22	1.30	1.20	1.15	0.71	0.23	0.36	0.62	-0.13	0.00	1.28	1.26	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-9.29	-25.54	-22.89	-34.13	-51.59	-36.47	-6.24	-0.55	-0.71
RANKINE____ 23646	34.98	29.53	23.48	22.51	20.73	18.12	17.01	22.05	23.19	24.94	30.28	30.41	29.25	26.06	25.82	18.38	13.63	15.79	25.09	13.64	11.60	25.96	25.24	22.27
	-0.05	-0.17	-0.15	-0.57	-0.62	-0.53	-0.61	-0.80	-1.14	-1.16	-1.09	-1.01	-0.29	-0.38	-0.58	-0.37	-0.21	-0.19	-0.34	-0.02	-0.05	-0.18	-0.13	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.38	-2.96	-8.14	-7.29	-10.87	-16.43	-11.62	-1.99	-0.18	-0.23
RAVENSWOOD_GT2_1 24244	36.58	31.00	24.67	24.08	22.24	19.52	18.56	24.06	25.66	27.49	32.90	32.95	31.17	27.93	28.74	26.76	33.75	34.00	52.36	53.14	39.65	32.41	27.30	24.07
	1.55	1.31	1.04	0.99	0.90	0.86	0.93	1.21	1.33	1.39	1.53	1.54	1.63	1.50	1.43	0.88	0.30	0.44	0.72	-0.14	0.00	1.47	1.51	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.06	-39.63	-6.78	-0.60	-0.77
RAVENSWOOD_GT2_2 24245	36.58	31.00	24.67	24.08	22.24	19.52	18.56	24.06	25.66	27.49	32.90	32.95	31.17	27.93	28.74	26.76	33.75	34.00	52.36	53.14	39.65	32.41	27.30	24.07
	1.55	1.31	1.04	0.99	0.90	0.86	0.93	1.21	1.33	1.39	1.53	1.54	1.63	1.50	1.43	0.88	0.30	0.44	0.72	-0.14	0.00	1.47	1.51	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.06	-39.63	-6.78	-0.60	-0.77
RAVENSWOOD_GT2_3 24246	36.60	31.01	24.68	24.08	22.25	19.52	18.56	24.07	25.66	27.50	32.90	32.96	31.17	27.94	28.74	26.76	33.75	34.01	52.37	53.14	39.66	32.41	27.30	24.08
	1.57	1.31	1.05	1.00	0.90	0.87	0.94	1.22	1.34	1.40	1.53	1.55	1.63	1.51	1.44	0.88	0.30	0.44	0.73	-0.14	0.00	1.48	1.51	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.06	-39.63	-6.78	-0.60	-0.77
RAVENSWOOD_GT2_4 24247	36.60	31.01	24.68	24.08	22.25	19.52	18.56	24.07	25.66	27.50	32.90	32.96	31.17	27.94	28.74	26.76	33.75	34.01	52.37	53.14	39.66	32.41	27.30	24.08
	1.57	1.31	1.05	1.00	0.90	0.87	0.94	1.22	1.34	1.40	1.53	1.55	1.63	1.51	1.44	0.88	0.30	0.44	0.73	-0.14	0.00	1.48	1.51	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.06	-39.63	-6.78	-0.60	-0.77
RAVENSWOOD_GT3_1 24248	36.58	31.00	24.67	24.08	22.24	19.52	18.56	24.06	25.66	27.49	32.90	32.95	31.17	27.94	28.74	26.76	33.75	34.00	52.36	53.14	39.65	32.41	27.30	24.08
	1.55	1.31	1.04	0.99	0.90	0.86	0.93	1.21	1.33	1.39	1.53	1.54	1.63	1.51	1.43	0.88	0.30	0.44	0.72	-0.14	0.00	1.47	1.51	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.06	-39.63	-6.78	-0.60	-0.77
RAVENSWOOD_GT3_2 24249	36.58	31.00	24.67	24.08	22.24	19.52	18.56	24.06	25.66	27.49	32.90	32.95	31.17	27.94	28.74	26.76	33.75	34.00	52.36	53.14	39.65	32.41	27.30	24.08
	1.55	1.31	1.04	0.99	0.90	0.86	0.93	1.21	1.33	1.39	1.53	1.54	1.63	1.51	1.43	0.88	0.30	0.44	0.72	-0.14	0.00	1.47	1.51	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.06	-39.63	-6.78	-0.60	-0.77
RAVENSWOOD_GT3_3 24250	36.63	31.04	24.70	24.10	22.27	19.54	18.58	24.09	25.69	27.54	32.94	33.00	31.21	27.98	28.78	26.78	33.76	34.02	52.38	53.13	39.66	32.44	27.34	24.11
	1.60	1.34	1.07	1.02	0.93	0.88	0.96	1.24	1.36	1.44	1.57	1.58	1.68	1.55	1.48	0.90	0.31	0.45	0.75	-0.15	0.00	1.51	1.54	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.06	-39.63	-6.78	-0.60	-0.77
RAVENSWOOD_GT3_4 24251	36.63	31.04	24.70	24.10	22.27	19.54	18.58	24.09	25.69	27.54	32.94	33.00	31.21	27.98	28.78	26.78	33.76	34.02	52.38	53.13	39.66	32.44	27.34	24.11
	1.60	1.34	1.07	1.02	0.93	0.88	0.96	1.24	1.36	1.44	1.57	1.58	1.68	1.55	1.48	0.90	0.31	0.45	0.75	-0.15	0.00	1.51	1.54	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.06	-39.63	-6.78	-0.60	-0.77
RAVENSWOOD_GT_1 23729	36.48	30.95	24.62	24.02	22.21	19.49	18.53	24.02	25.64	27.47	32.86	32.91	31.15	27.92	28.70	26.74	33.75	33.99	52.33	53.14	39.66	32.39	27.27	24.04
	1.45	1.25	0.99	0.93	0.86	0.83	0.91	1.17	1.31	1.38	1.49	1.50	1.61	1.49	1.40	0.86	0.30	0.43	0.69	-0.14	0.01	1.45	1.48	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.10	-27.75	-24.87	-37.08	-56.06	-39.63	-6.78	-0.60	-0.77

RAVENSWOOD_GT_10 24258	36.58 1.55 0.00	31.01 1.31 0.00	24.67 1.04 0.00	24.08 0.99 0.00	22.24 0.90 0.00	19.52 0.86 0.00	18.56 0.93 0.00	24.06 1.21 0.00	25.66 1.34 0.00	27.49 1.39 0.00	32.90 1.53 0.00	32.95 1.54 0.00	31.17 1.63 0.00	27.94 1.51 0.00	28.74 1.44 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.44 -24.87	52.36 0.72 -37.08	53.14 -0.14 -56.06	39.65 0.00 -39.63	32.41 1.47 -6.78	27.30 1.51 -0.60	24.08 1.32 -0.77
RAVENSWOOD_GT_11 24259	36.58 1.55 0.00	31.01 1.31 0.00	24.67 1.04 0.00	24.08 0.99 0.00	22.24 0.90 0.00	19.52 0.86 0.00	18.56 0.93 0.00	24.06 1.21 0.00	25.66 1.34 0.00	27.49 1.39 0.00	32.90 1.53 0.00	32.95 1.54 0.00	31.17 1.63 0.00	27.94 1.51 0.00	28.74 1.44 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.44 -24.87	52.36 0.72 -37.08	53.14 -0.14 -56.06	39.65 0.00 -39.63	32.41 1.47 -6.78	27.30 1.51 -0.60	24.08 1.32 -0.77
RAVENSWOOD_GT_4 24252	36.60 1.57 0.00	31.01 1.31 0.00	24.69 1.05 0.00	24.08 1.00 0.00	22.25 0.91 0.00	19.52 0.87 0.00	18.56 0.94 0.00	24.07 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.90 1.53 0.00	32.96 1.55 0.00	31.17 1.63 0.00	27.94 1.51 0.00	28.74 1.44 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.01 0.44 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.65 0.00 -39.63	32.41 1.47 -6.78	27.30 1.51 -0.60	24.08 1.33 -0.77
RAVENSWOOD_GT_5 24254	36.60 1.57 0.00	31.01 1.31 0.00	24.69 1.05 0.00	24.08 1.00 0.00	22.25 0.91 0.00	19.52 0.87 0.00	18.56 0.94 0.00	24.07 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.90 1.53 0.00	32.96 1.55 0.00	31.17 1.63 0.00	27.94 1.51 0.00	28.74 1.44 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.01 0.44 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.65 0.00 -39.63	32.41 1.47 -6.78	27.30 1.51 -0.60	24.08 1.33 -0.77
RAVENSWOOD_GT_6 24253	36.60 1.57 0.00	31.01 1.31 0.00	24.69 1.05 0.00	24.08 1.00 0.00	22.25 0.91 0.00	19.52 0.87 0.00	18.56 0.94 0.00	24.07 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.90 1.53 0.00	32.96 1.55 0.00	31.17 1.63 0.00	27.94 1.51 0.00	28.74 1.44 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.01 0.44 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.65 0.00 -39.63	32.41 1.47 -6.78	27.30 1.51 -0.60	24.08 1.33 -0.77
RAVENSWOOD_GT_7 24255	36.60 1.57 0.00	31.01 1.31 0.00	24.69 1.05 0.00	24.08 1.00 0.00	22.25 0.91 0.00	19.52 0.87 0.00	18.56 0.94 0.00	24.07 1.22 0.00	25.66 1.34 0.00	27.50 1.40 0.00	32.90 1.53 0.00	32.96 1.55 0.00	31.17 1.63 0.00	27.94 1.51 0.00	28.74 1.44 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.01 0.44 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.65 0.00 -39.63	32.41 1.47 -6.78	27.30 1.51 -0.60	24.08 1.33 -0.77
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.58 1.55 0.00	31.01 1.31 0.00	24.67 1.04 0.00	24.08 0.99 0.00	22.24 0.90 0.00	19.52 0.86 0.00	18.56 0.93 0.00	24.06 1.21 0.00	25.66 1.34 0.00	27.49 1.39 0.00	32.90 1.53 0.00	32.95 1.54 0.00	31.17 1.63 0.00	27.94 1.51 0.00	28.74 1.44 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.44 -24.87	52.36 0.72 -37.08	53.14 -0.14 -56.06	39.65 0.00 -39.63	32.41 1.47 -6.78	27.30 1.51 -0.60	24.08 1.32 -0.77
RAVENSWOOD_GT_9 24257	36.58 1.55 0.00	31.01 1.31 0.00	24.67 1.04 0.00	24.08 0.99 0.00	22.24 0.90 0.00	19.52 0.86 0.00	18.56 0.93 0.00	24.06 1.21 0.00	25.66 1.34 0.00	27.49 1.39 0.00	32.90 1.53 0.00	32.95 1.54 0.00	31.17 1.63 0.00	27.94 1.51 0.00	28.74 1.44 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.44 -24.87	52.36 0.72 -37.08	53.14 -0.14 -56.06	39.65 0.00 -39.63	32.41 1.47 -6.78	27.30 1.51 -0.60	24.08 1.32 -0.77
RAVENSWOOD___1 23533	36.48 1.45 0.00	30.95 1.25 0.00	24.62 0.99 0.00	24.02 0.93 0.00	22.20 0.85 0.00	19.48 0.83 0.00	18.53 0.91 0.00	24.01 1.17 0.00	25.64 1.31 0.00	27.47 1.38 0.00	32.86 1.49 0.00	32.91 1.49 0.00	31.15 1.61 0.00	27.92 1.49 0.00	28.70 1.40 -1.28	26.74 0.86 -10.10	33.75 0.30 -27.75	33.99 0.43 -24.87	52.32 0.69 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.39 1.45 -6.78	27.28 1.48 -0.60	24.05 1.29 -0.77
RAVENSWOOD___2 23534	36.48 1.45 0.00	30.95 1.25 0.00	24.62 0.99 0.00	24.02 0.93 0.00	22.20 0.85 0.00	19.48 0.83 0.00	18.53 0.91 0.00	24.01 1.17 0.00	25.64 1.31 0.00	27.47 1.38 0.00	32.86 1.49 0.00	32.91 1.49 0.00	31.15 1.61 0.00	27.92 1.49 0.00	28.70 1.40 -1.28	26.74 0.86 -10.10	33.75 0.30 -27.75	33.99 0.43 -24.87	52.32 0.69 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.39 1.45 -6.78	27.28 1.48 -0.60	24.05 1.29 -0.77
RAVENSWOOD___3 23535	36.58 1.55 0.00	31.00 1.31 0.00	24.67 1.04 0.00	24.08 0.99 0.00	22.24 0.90 0.00	19.52 0.86 0.00	18.56 0.93 0.00	24.06 1.21 0.00	25.66 1.33 0.00	27.49 1.39 0.00	32.89 1.52 0.00	32.95 1.53 0.00	31.16 1.62 0.00	27.93 1.50 0.00	28.74 1.43 -1.28	26.76 0.88 -10.10	33.75 0.30 -27.75	34.00 0.44 -24.87	52.36 0.72 -37.08	53.14 -0.14 -56.06	39.65 0.00 -39.63	32.41 1.47 -6.78	27.30 1.51 -0.60	24.07 1.32 -0.77
RAVENSWOOD___4 23820	36.48 1.45 0.00	30.95 1.25 0.00	24.62 0.99 0.00	24.02 0.93 0.00	22.20 0.85 0.00	19.48 0.83 0.00	18.53 0.91 0.00	24.01 1.17 0.00	25.64 1.31 0.00	27.47 1.38 0.00	32.86 1.49 0.00	32.91 1.49 0.00	31.15 1.61 0.00	27.92 1.49 0.00	28.70 1.40 -1.28	26.74 0.86 -10.10	33.75 0.30 -27.75	33.99 0.43 -24.87	52.32 0.69 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.39 1.45 -6.78	27.28 1.48 -0.60	24.05 1.29 -0.77
RCPL_TRUST___DRP 24196	36.66 1.63 0.00	31.06 1.37 0.00	24.72 1.09 0.00	24.12 1.04 0.00	22.28 0.94 0.00	19.55 0.89 0.00	18.59 0.97 0.00	24.11 1.26 0.00	25.71 1.39 0.00	27.55 1.46 0.00	32.96 1.59 0.00	33.03 1.61 0.00	31.23 1.70 0.00	28.00 1.57 0.00	28.79 1.49 -1.28	26.80 0.92 -10.10	33.76 0.31 -27.75	34.02 0.46 -24.87	52.39 0.75 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.45 1.51 -6.78	27.34 1.55 -0.60	24.11 1.35 -0.77
RED___ROCHESTER 323720	35.04 0.01 0.00	29.59 -0.11 0.00	23.54 -0.09 0.00	22.77 -0.32 0.00	21.01 -0.33 0.00	18.37 -0.28 0.00	17.33 -0.29 0.00	22.48 -0.36 0.00	23.84 -0.48 0.00	25.65 -0.45 0.00	31.02 -0.36 0.00	31.10 -0.31 0.00	29.62 0.08 0.00	26.45 0.02 0.00	26.31 -0.03 -0.31	18.25 -0.01 -2.48	12.45 -0.05 -6.80	14.81 0.02 -6.10	23.66 0.02 -9.09	10.91 -0.06 -13.74	9.71 -0.03 -9.71	25.99 0.18 -1.66	25.49 0.15 -0.15	22.34 0.16 -0.19
REGAN___SOLAR 323812	36.76 1.73 0.00	31.30 1.61 0.00	24.85 1.21 0.00	24.23 1.15 0.00	22.44 1.09 0.00	19.64 0.99 0.00	18.62 1.00 0.00	24.18 1.34 0.00	25.79 1.47 0.00	27.64 1.54 0.00	33.19 1.82 0.00	33.10 1.69 0.00	30.99 1.46 0.00	27.90 1.47 0.00	29.10 1.48 -1.60	29.17 0.79 -12.59	40.67 0.39 -34.59	40.24 0.55 -31.00	61.82 1.04 -46.22	66.90 -0.19 -69.87	49.42 0.00 -49.40	34.16 1.55 -8.45	27.49 1.55 -0.75	24.21 1.26 -0.96

RENSSELAER___COGEN 23796	36.02 0.99 0.00	30.49 0.80 0.00	24.26 0.63 0.00	23.76 0.67 0.00	21.96 0.62 0.00	19.24 0.59 0.00	18.18 0.56 0.00	23.55 0.70 0.00	25.10 0.78 0.00	26.89 0.80 0.00	32.27 0.90 0.00	32.40 0.98 0.00	30.52 0.98 0.00	27.36 0.93 0.00	28.46 0.88 -1.55	28.52 0.54 -12.20	39.43 0.19 -33.53	39.05 0.31 -30.06	59.87 0.51 -44.81	64.85 -0.10 -67.73	47.91 0.00 -47.89	33.21 0.87 -8.19	26.77 0.85 -0.72	23.65 0.73 -0.93
REPUBLIC_115KV_BARTNBRK 55605	38.97 3.94 0.00	32.82 3.12 0.00	25.91 2.28 0.00	25.50 2.42 0.00	23.68 2.34 0.00	20.80 2.14 0.00	19.38 1.76 0.00	25.03 2.18 0.00	27.01 2.69 0.00	28.89 2.79 0.00	34.84 3.46 0.00	35.40 3.98 0.00	33.27 3.73 0.00	29.77 3.34 0.00	30.69 3.08 -1.59	30.26 1.95 -12.52	40.89 0.78 -34.41	40.60 1.07 -30.84	62.28 1.75 -45.98	66.40 -0.33 -69.50	49.13 -0.04 -49.14	34.93 2.37 -8.41	28.32 2.39 -0.74	25.04 2.10 -0.96
REVERE_CPPR_DRP 24186	36.27 1.25 0.00	30.70 1.00 0.00	24.43 0.80 0.00	23.83 0.75 0.00	22.02 0.67 0.00	19.28 0.63 0.00	18.24 0.62 0.00	23.72 0.87 0.00	25.27 0.95 0.00	27.14 1.04 0.00	32.58 1.21 0.00	32.53 1.12 0.00	30.48 0.94 0.00	27.22 0.79 0.00	26.94 0.80 -0.12	17.19 0.48 -0.93	8.44 0.18 -2.55	11.24 0.27 -2.29	18.44 0.48 -3.41	2.28 -0.10 -5.15	3.66 -0.01 -3.65	25.41 0.64 -0.62	25.90 0.66 -0.06	22.61 0.55 -0.07
REYNOLDS_115KV_TB3 80639	36.10 1.08 0.00	30.55 0.85 0.00	24.31 0.68 0.00	23.81 0.73 0.00	22.02 0.67 0.00	19.29 0.63 0.00	18.21 0.59 0.00	23.58 0.74 0.00	25.13 0.81 0.00	26.92 0.82 0.00	32.32 0.95 0.00	32.45 1.04 0.00	30.56 1.03 0.00	27.41 0.98 0.00	28.51 0.94 -1.55	28.56 0.56 -12.22	39.47 0.20 -33.57	39.10 0.33 -30.09	59.94 0.54 -44.85	64.92 -0.11 -67.80	47.96 0.00 -47.94	33.25 0.90 -8.20	26.81 0.89 -0.73	23.69 0.77 -0.93
RIVERBAY____ 323610	36.43 1.40 0.00	30.93 1.24 0.00	24.62 0.99 0.00	24.01 0.92 0.00	22.21 0.87 0.00	19.49 0.83 0.00	18.53 0.90 0.00	23.99 1.14 0.00	25.62 1.29 0.00	27.45 1.35 0.00	32.82 1.45 0.00	32.88 1.47 0.00	31.10 1.56 0.00	27.87 1.44 0.00	28.65 1.35 -1.28	26.72 0.84 -10.10	33.74 0.29 -27.75	33.99 0.43 -24.87	52.34 0.70 -37.08	53.14 -0.14 -56.06	39.67 0.01 -39.63	32.38 1.44 -6.78	27.29 1.50 -0.60	24.06 1.30 -0.77
RIVERSDE_115KV_TB3 55908	36.09 1.06 0.00	30.55 0.86 0.00	24.31 0.67 0.00	23.81 0.72 0.00	22.01 0.66 0.00	19.28 0.63 0.00	18.21 0.59 0.00	23.58 0.74 0.00	25.15 0.83 0.00	26.93 0.84 0.00	32.33 0.96 0.00	32.47 1.06 0.00	30.58 1.04 0.00	27.42 0.99 0.00	28.52 0.94 -1.55	28.59 0.57 -12.24	39.53 0.20 -33.63	39.16 0.33 -30.14	60.03 0.54 -44.94	65.04 -0.11 -67.92	48.04 0.00 -48.02	33.28 0.91 -8.21	26.82 0.90 -0.73	23.69 0.77 -0.93
ROARING___BROOK_WT_PWR 323790	34.96 -0.07 0.00	29.73 0.03 0.00	23.66 0.03 0.00	23.12 0.03 0.00	21.37 0.02 0.00	18.68 0.02 0.00	17.65 0.03 0.00	22.88 0.03 0.00	24.35 0.03 0.00	26.07 -0.03 0.00	31.25 -0.12 0.00	31.19 -0.22 0.00	29.17 -0.36 0.00	26.08 -0.35 0.00	25.68 -0.35 0.00	15.58 -0.20 0.00	5.56 -0.14 0.00	8.41 -0.27 0.00	14.10 -0.45 0.00	-2.68 0.10 0.00	0.04 0.01 0.00	23.16 -0.99 0.00	24.40 -0.79 0.00	21.38 -0.60 0.00
ROCHESRG_115KV_T4 355643	34.75 -0.28 0.00	29.35 -0.34 0.00	23.35 -0.28 0.00	22.60 -0.49 0.00	20.86 -0.49 0.00	18.23 -0.42 0.00	17.19 -0.44 0.00	22.29 -0.56 0.00	23.63 -0.69 0.00	25.41 -0.69 0.00	30.72 -0.66 0.00	30.81 -0.61 0.00	29.32 -0.22 0.00	26.20 -0.23 0.00	26.07 -0.27 -0.31	18.08 -0.16 -2.46	12.36 -0.11 -6.77	14.69 -0.07 -6.07	23.46 -0.14 -9.04	10.87 -0.03 -13.67	9.66 -0.03 -9.67	25.74 -0.06 -1.66	25.25 -0.08 -0.15	22.14 -0.03 -0.19
ROCHESTER_9_IC 23652	34.90 -0.12 0.00	29.49 -0.21 0.00	23.46 -0.17 0.00	22.69 -0.39 0.00	20.95 -0.40 0.00	18.31 -0.35 0.00	17.27 -0.35 0.00	22.41 -0.44 0.00	23.75 -0.57 0.00	25.54 -0.55 0.00	30.88 -0.49 0.00	30.97 -0.45 0.00	29.49 -0.05 0.00	26.34 -0.09 0.00	26.20 -0.14 -0.31	18.18 -0.08 -2.48	12.43 -0.08 -6.80	14.77 -0.02 -6.10	23.59 -0.05 -9.09	10.92 -0.04 -13.74	9.71 -0.03 -9.71	25.88 0.06 -1.66	25.38 0.05 -0.15	22.25 0.07 -0.19
ROCKVIEW_13_KV_LD 356306	36.65 1.62 0.00	31.05 1.35 0.00	24.70 1.07 0.00	24.11 1.03 0.00	22.28 0.93 0.00	19.55 0.89 0.00	18.58 0.96 0.00	24.08 1.24 0.00	25.68 1.35 0.00	27.51 1.42 0.00	32.95 1.58 0.00	33.01 1.60 0.00	31.19 1.65 0.00	27.96 1.53 0.00	28.77 1.46 -1.28	26.77 0.89 -10.10	33.75 0.30 -27.75	34.02 0.45 -24.87	52.39 0.76 -37.08	53.13 -0.15 -56.05	39.65 0.00 -39.63	32.42 1.49 -6.78	27.31 1.52 -0.60	24.09 1.33 -0.77
ROME_____115KV_TB2 80656	36.27 1.25 0.00	30.70 1.00 0.00	24.43 0.80 0.00	23.83 0.75 0.00	22.02 0.67 0.00	19.28 0.63 0.00	18.24 0.62 0.00	23.72 0.87 0.00	25.27 0.95 0.00	27.14 1.04 0.00	32.58 1.21 0.00	32.53 1.12 0.00	30.48 0.94 0.00	27.22 0.79 0.00	26.94 0.80 -0.12	17.19 0.48 -0.93	8.44 0.18 -2.55	11.24 0.27 -2.29	18.44 0.48 -3.41	2.28 -0.10 -5.15	3.66 -0.01 -3.65	25.41 0.64 -0.62	25.90 0.66 -0.06	22.61 0.55 -0.07
ROSETON___1 23587	36.27 1.24 0.00	30.73 1.03 0.00	24.45 0.82 0.00	23.87 0.79 0.00	22.07 0.72 0.00	19.36 0.70 0.00	18.37 0.75 0.00	23.81 0.96 0.00	25.36 1.03 0.00	27.16 1.06 0.00	32.54 1.17 0.00	32.62 1.21 0.00	30.80 1.26 0.00	27.60 1.17 0.00	28.40 1.12 -1.26	26.41 0.68 -9.96	33.29 0.23 -27.35	33.56 0.36 -24.52	51.70 0.60 -36.55	52.36 -0.12 -55.25	39.09 0.00 -39.06	32.01 1.17 -6.68	26.97 1.18 -0.59	23.79 1.04 -0.76
ROSETON___2 23588	36.27 1.24 0.00	30.73 1.03 0.00	24.45 0.82 0.00	23.87 0.79 0.00	22.07 0.72 0.00	19.36 0.70 0.00	18.37 0.75 0.00	23.81 0.96 0.00	25.36 1.03 0.00	27.16 1.06 0.00	32.54 1.17 0.00	32.62 1.21 0.00	30.80 1.26 0.00	27.60 1.17 0.00	28.40 1.12 -1.26	26.41 0.68 -9.96	33.29 0.23 -27.35	33.56 0.36 -24.52	51.70 0.60 -36.55	52.36 -0.12 -55.25	39.09 0.00 -39.06	32.01 1.17 -6.68	26.97 1.18 -0.59	23.79 1.04 -0.76
ROTTDRAM_115KV_TB3 80664	36.14 1.10 0.00	30.60 0.90 0.00	24.33 0.70 0.00	23.81 0.73 0.00	22.02 0.67 0.00	19.28 0.62 0.00	18.22 0.59 0.00	23.60 0.76 0.00	25.17 0.85 0.00	26.97 0.87 0.00	32.39 1.02 0.00	32.50 1.09 0.00	30.61 1.08 0.00	27.43 0.99 0.00	28.57 0.95 -1.60	28.95 0.58 -12.59	40.50 0.21 -34.59	40.02 0.32 -31.00	61.31 0.54 -46.22	66.99 -0.11 -69.87	49.42 0.00 -49.40	33.51 0.90 -8.45	26.84 0.90 -0.75	23.73 0.78 -0.96
RUSSELL___1 23602	35.04 0.00 0.00	29.59 -0.11 0.00	23.54 -0.10 0.00	22.77 -0.32 0.00	21.01 -0.33 0.00	18.37 -0.29 0.00	17.33 -0.29 0.00	22.48 -0.36 0.00	23.84 -0.48 0.00	25.65 -0.45 0.00	31.01 -0.36 0.00	31.11 -0.31 0.00	29.62 0.08 0.00	26.45 0.02 0.00	26.31 -0.03 -0.31	18.25 -0.01 -2.48	12.45 -0.05 -6.80	14.81 0.02 -6.10	23.66 0.02 -9.09	10.91 -0.06 -13.74	9.71 -0.03 -9.71	25.99 0.17 -1.66	25.49 0.15 -0.15	22.33 0.16 -0.19

RUSSELL___2 23532	35.04 0.00 0.00	29.59 -0.11 0.00	23.54 -0.10 0.00	22.77 -0.32 0.00	21.01 -0.33 0.00	18.37 -0.29 0.00	17.33 -0.29 0.00	22.48 -0.36 0.00	23.84 -0.48 0.00	25.65 -0.45 0.00	31.01 -0.36 0.00	31.11 -0.31 0.00	29.62 0.08 0.00	26.45 0.02 0.00	26.31 -0.03 -0.31	18.25 -0.01 -2.48	12.45 -0.05 -6.80	14.81 0.02 -6.10	23.66 0.02 -9.09	10.91 -0.06 -13.74	9.71 -0.03 -9.71	25.99 0.17 -1.66	25.49 0.15 -0.15	22.33 0.16 -0.19
RUSSELL___3 23549	35.04 0.00 0.00	29.59 -0.11 0.00	23.54 -0.10 0.00	22.77 -0.32 0.00	21.01 -0.33 0.00	18.37 -0.29 0.00	17.33 -0.29 0.00	22.48 -0.36 0.00	23.84 -0.48 0.00	25.65 -0.45 0.00	31.01 -0.36 0.00	31.11 -0.31 0.00	29.62 0.08 0.00	26.45 0.02 0.00	26.31 -0.03 -0.31	18.25 -0.01 -2.48	12.45 -0.05 -6.80	14.81 0.02 -6.10	23.66 0.02 -9.09	10.91 -0.06 -13.74	9.71 -0.03 -9.71	25.99 0.17 -1.66	25.49 0.15 -0.15	22.33 0.16 -0.19
RUSSELL___4 23556	35.04 0.00 0.00	29.59 -0.11 0.00	23.54 -0.10 0.00	22.77 -0.32 0.00	21.01 -0.33 0.00	18.37 -0.29 0.00	17.33 -0.29 0.00	22.48 -0.36 0.00	23.84 -0.48 0.00	25.65 -0.45 0.00	31.01 -0.36 0.00	31.11 -0.31 0.00	29.62 0.08 0.00	26.45 0.02 0.00	26.31 -0.03 -0.31	18.25 -0.01 -2.48	12.45 -0.05 -6.80	14.81 0.02 -6.10	23.66 0.02 -9.09	10.91 -0.06 -13.74	9.71 -0.03 -9.71	25.99 0.17 -1.66	25.49 0.15 -0.15	22.33 0.16 -0.19
RUSSELL___STATION 23914	35.04 0.00 0.00	29.59 -0.11 0.00	23.54 -0.10 0.00	22.77 -0.32 0.00	21.01 -0.33 0.00	18.37 -0.29 0.00	17.33 -0.29 0.00	22.48 -0.36 0.00	23.84 -0.48 0.00	25.65 -0.45 0.00	31.01 -0.36 0.00	31.11 -0.31 0.00	29.62 0.08 0.00	26.45 0.02 0.00	26.31 -0.03 -0.31	18.25 -0.01 -2.48	12.45 -0.05 -6.80	14.81 0.02 -6.10	23.66 0.02 -9.09	10.91 -0.06 -13.74	9.71 -0.03 -9.71	25.99 0.17 -1.66	25.49 0.15 -0.15	22.33 0.16 -0.19
S SALMON___HYD 24043	34.94 -0.09 0.00	29.56 -0.13 0.00	23.53 -0.10 0.00	22.91 -0.18 0.00	21.11 -0.23 0.00	18.47 -0.19 0.00	17.44 -0.18 0.00	22.69 -0.16 0.00	24.13 -0.19 0.00	25.86 -0.23 0.00	31.06 -0.32 0.00	30.95 -0.47 0.00	29.10 -0.43 0.00	26.05 -0.38 0.00	25.88 -0.35 -0.21	17.21 -0.25 -1.68	10.20 -0.10 -4.61	12.67 -0.15 -4.13	20.48 -0.22 -6.15	6.56 0.03 -9.30	6.60 0.00 -6.58	24.89 -0.38 -1.13	24.97 -0.32 -0.10	21.83 -0.28 -0.13
S.PERRY___115KV_TB1 80734	36.00 0.97 0.00	30.44 0.75 0.00	24.21 0.58 0.00	23.33 0.25 0.00	21.50 0.16 0.00	18.79 0.14 0.00	17.73 0.11 0.00	23.00 0.15 0.00	24.29 -0.04 0.00	26.08 -0.02 0.00	31.20 -0.17 0.00	31.21 -0.21 0.00	29.86 0.32 0.00	26.46 0.03 0.00	26.43 0.03 -0.38	18.79 -0.01 -3.01	14.01 0.03 -8.28	16.23 0.12 -7.42	25.86 0.25 -11.06	13.85 -0.09 -16.72	11.81 -0.03 -11.82	26.70 0.52 -2.02	25.82 0.45 -0.18	22.65 0.43 -0.23
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.54 -0.50 0.00	29.15 -0.55 0.00	23.20 -0.44 0.00	22.24 -0.84 0.00	20.49 -0.85 0.00	17.90 -0.76 0.00	16.80 -0.82 0.00	21.73 -1.11 0.00	22.87 -1.45 0.00	24.63 -1.47 0.00	29.95 -1.42 0.00	30.09 -1.33 0.00	28.95 -0.59 0.00	25.81 -0.63 0.00	25.58 -0.81 -0.37	18.19 -0.50 -2.91	13.41 -0.27 -7.98	15.58 -0.26 -7.16	24.74 -0.48 -10.67	13.35 0.00 -16.13	11.38 -0.04 -11.40	25.70 -0.40 -1.95	25.02 -0.35 -0.17	22.09 -0.12 -0.22
SAWYER___23_KV_LOAD 55526	34.54 -0.50 0.00	29.15 -0.55 0.00	23.20 -0.44 0.00	22.24 -0.84 0.00	20.49 -0.85 0.00	17.90 -0.76 0.00	16.80 -0.82 0.00	21.73 -1.11 0.00	22.87 -1.45 0.00	24.63 -1.47 0.00	29.95 -1.42 0.00	30.09 -1.33 0.00	28.95 -0.59 0.00	25.81 -0.63 0.00	25.58 -0.81 -0.37	18.19 -0.50 -2.91	13.41 -0.27 -7.98	15.58 -0.26 -7.16	24.74 -0.48 -10.67	13.35 0.00 -16.13	11.38 -0.04 -11.40	25.70 -0.40 -1.95	25.02 -0.35 -0.17	22.09 -0.12 -0.22
SELKIRK___I 23801	36.27 1.24 0.00	30.72 1.02 0.00	24.45 0.81 0.00	23.92 0.83 0.00	22.11 0.77 0.00	19.36 0.70 0.00	18.31 0.69 0.00	23.71 0.86 0.00	25.27 0.94 0.00	27.07 0.97 0.00	32.49 1.12 0.00	32.61 1.20 0.00	30.72 1.18 0.00	27.53 1.10 0.00	28.60 1.05 -1.53	28.45 0.63 -12.03	38.99 0.23 -33.07	38.69 0.36 -29.64	59.34 0.60 -44.19	63.90 -0.12 -66.79	47.24 0.00 -47.22	33.24 1.01 -8.08	26.92 1.01 -0.72	23.78 0.88 -0.92
SELKIRK___II 23799	36.01 0.98 0.00	30.49 0.79 0.00	24.26 0.63 0.00	23.75 0.67 0.00	21.96 0.62 0.00	19.23 0.57 0.00	18.18 0.56 0.00	23.54 0.69 0.00	25.09 0.77 0.00	26.88 0.78 0.00	32.26 0.89 0.00	32.37 0.96 0.00	30.49 0.95 0.00	27.33 0.90 0.00	28.42 0.86 -1.54	28.47 0.52 -12.17	39.33 0.18 -33.44	38.96 0.29 -29.98	59.72 0.48 -44.69	64.68 -0.09 -67.55	47.78 0.00 -47.76	33.17 0.85 -8.17	26.76 0.85 -0.72	23.64 0.73 -0.93
SENECA OSWGO___HYD 24041	34.71 -0.32 0.00	29.38 -0.32 0.00	23.38 -0.25 0.00	22.77 -0.32 0.00	21.03 -0.32 0.00	18.37 -0.28 0.00	17.35 -0.27 0.00	22.52 -0.33 0.00	23.94 -0.38 0.00	25.69 -0.40 0.00	30.91 -0.46 0.00	30.96 -0.46 0.00	29.22 -0.32 0.00	26.14 -0.29 0.00	26.03 -0.23 -0.24	17.52 -0.13 -1.87	10.78 -0.05 -5.13	13.22 -0.06 -4.60	21.31 -0.10 -6.86	7.60 0.01 -10.37	7.35 -0.01 -7.33	25.27 -0.14 -1.26	25.12 -0.18 -0.11	21.96 -0.17 -0.14
SENECA___115KV_TB3 355854	35.03 0.00 0.00	29.57 -0.13 0.00	23.51 -0.12 0.00	22.54 -0.54 0.00	20.76 -0.59 0.00	18.15 -0.51 0.00	17.03 -0.59 0.00	22.07 -0.77 0.00	23.22 -1.11 0.00	24.98 -1.12 0.00	30.33 -1.05 0.00	30.45 -0.97 0.00	29.29 -0.25 0.00	26.09 -0.34 0.00	25.86 -0.54 -0.38	18.40 -0.34 -2.96	13.63 -0.20 -8.14	15.81 -0.17 -7.29	25.11 -0.31 -10.87	13.64 -0.02 -16.43	11.60 -0.04 -11.62	26.00 -0.14 -1.99	25.27 -0.09 -0.18	22.31 0.09 -0.23
SENECA___ENERGY 23797	35.16 0.13 0.00	29.75 0.05 0.00	23.66 0.03 0.00	22.96 -0.12 0.00	21.21 -0.13 0.00	18.57 -0.09 0.00	17.53 -0.09 0.00	22.76 -0.09 0.00	24.15 -0.17 0.00	25.89 -0.21 0.00	31.10 -0.27 0.00	31.12 -0.30 0.00	29.50 -0.03 0.00	26.37 -0.07 0.00	26.33 -0.02 -0.33	18.41 0.02 -2.60	12.85 0.00 -7.15	15.12 0.02 -6.41	24.18 0.07 -9.55	11.64 -0.03 -14.44	10.22 -0.02 -10.21	26.06 0.17 -1.75	25.43 0.08 -0.15	22.25 0.07 -0.20
SHOEMAKER___GT 23640	36.26 1.23 0.00	30.72 1.02 0.00	24.43 0.80 0.00	23.84 0.76 0.00	22.03 0.68 0.00	19.33 0.67 0.00	18.36 0.74 0.00	24.17 1.33 0.00	25.75 1.42 0.00	27.57 1.48 0.00	33.02 1.65 0.00	33.09 1.67 0.00	31.26 1.72 0.00	27.99 1.56 0.00	28.65 1.46 -1.17	25.90 0.90 -9.22	31.35 0.31 -25.34	31.91 0.50 -22.72	49.27 0.85 -33.87	48.25 -0.17 -51.20	36.21 0.00 -36.19	31.97 1.62 -6.19	27.34 1.60 -0.55	24.08 1.39 -0.70
SHOEMAKR_138KV_BK 111 55601	36.25 1.22 0.00	30.70 1.00 0.00	24.42 0.78 0.00	23.83 0.75 0.00	22.02 0.67 0.00	19.32 0.66 0.00	18.35 0.73 0.00	24.15 1.31 0.00	25.72 1.40 0.00	27.55 1.45 0.00	33.00 1.63 0.00	33.07 1.65 0.00	31.23 1.69 0.00	27.96 1.53 0.00	28.63 1.44 -1.17	25.89 0.89 -9.22	31.34 0.30 -25.34	31.90 0.49 -22.71	49.25 0.84 -33.86	48.24 -0.17 -51.19	36.21 0.00 -36.19	31.94 1.60 -6.19	27.32 1.58 -0.55	24.06 1.37 -0.70

SHOREHAM_IC_1 23715	37.75 2.72 0.00	32.18 2.49 0.00	25.54 1.90 0.00	24.86 1.78 0.00	22.99 1.65 0.00	20.19 1.54 0.00	19.27 1.64 0.00	24.98 2.13 0.00	26.60 2.28 0.00	36.09 2.48 -7.51	59.39 2.85 -25.16	34.32 2.88 -0.02	32.20 2.66 0.00	28.82 2.38 0.00	29.70 2.40 -1.28	27.33 1.44 -10.10	33.97 0.51 -27.75	34.32 0.75 -24.88	52.90 1.26 -37.09	53.05 -0.23 -56.06	39.70 0.04 -39.64	33.32 2.38 -6.78	28.35 2.56 -0.60	25.06 2.30 -0.77
SHOREHAM_IC_2 23716	37.75 2.72 0.00	32.18 2.49 0.00	25.54 1.90 0.00	24.86 1.78 0.00	22.99 1.65 0.00	20.19 1.54 0.00	19.27 1.64 0.00	24.98 2.13 0.00	26.60 2.28 0.00	36.09 2.48 -7.51	59.39 2.85 -25.16	34.32 2.88 -0.02	32.20 2.66 0.00	28.82 2.38 0.00	29.70 2.40 -1.28	27.33 1.44 -10.10	33.97 0.51 -27.75	34.32 0.75 -24.88	52.90 1.26 -37.09	53.05 -0.23 -56.06	39.70 0.04 -39.64	33.32 2.38 -6.78	28.35 2.56 -0.60	25.06 2.30 -0.77
SISSONVILLE____ 23735	35.01 -0.02 0.00	29.86 0.16 0.00	23.77 0.14 0.00	23.27 0.19 0.00	21.56 0.21 0.00	18.80 0.15 0.00	17.74 0.11 0.00	23.04 0.19 0.00	24.58 0.25 0.00	26.44 0.34 0.00	31.81 0.44 0.00	31.57 0.15 0.00	29.07 -0.47 0.00	25.97 -0.47 0.00	25.54 -0.52 -0.04	15.74 -0.35 -0.31	6.42 -0.14 -0.86	9.20 -0.26 -0.77	15.26 -0.44 -1.15	-0.92 0.11 -1.74	3.92 0.05 -3.85	30.78 -0.62 -7.25	31.99 -0.43 -7.23	28.34 -0.38 -6.73
SITHE_IND_GS1 24169	34.26 -0.77 0.00	29.01 -0.69 0.00	23.07 -0.55 0.00	22.50 -0.59 0.00	20.79 -0.56 0.00	18.16 -0.50 0.00	17.13 -0.49 0.00	22.21 -0.64 0.00	23.62 -0.70 0.00	25.34 -0.76 0.00	30.48 -0.89 0.00	30.52 -0.90 0.00	28.79 -0.75 0.00	25.77 -0.66 0.00	25.63 -0.59 -0.20	17.02 -0.35 -1.59	9.93 -0.13 -4.36	12.40 -0.19 -3.91	20.07 -0.31 -5.83	6.08 0.05 -8.81	6.24 -0.01 -6.23	24.73 -0.49 -1.06	24.76 -0.52 -0.09	21.64 -0.46 -0.12
SITHE_IND_GS2 24170	34.26 -0.77 0.00	29.01 -0.69 0.00	23.07 -0.55 0.00	22.50 -0.59 0.00	20.79 -0.56 0.00	18.16 -0.50 0.00	17.13 -0.49 0.00	22.21 -0.64 0.00	23.62 -0.70 0.00	25.34 -0.76 0.00	30.48 -0.89 0.00	30.52 -0.90 0.00	28.79 -0.75 0.00	25.77 -0.66 0.00	25.63 -0.59 -0.20	17.02 -0.35 -1.59	9.93 -0.13 -4.36	12.40 -0.19 -3.91	20.07 -0.31 -5.83	6.08 0.05 -8.81	6.24 -0.01 -6.23	24.73 -0.49 -1.06	24.76 -0.52 -0.09	21.64 -0.46 -0.12
SITHE_IND_GS3 24171	34.26 -0.77 0.00	29.01 -0.69 0.00	23.07 -0.55 0.00	22.50 -0.59 0.00	20.79 -0.56 0.00	18.16 -0.50 0.00	17.13 -0.49 0.00	22.21 -0.64 0.00	23.62 -0.70 0.00	25.34 -0.76 0.00	30.48 -0.89 0.00	30.52 -0.90 0.00	28.79 -0.75 0.00	25.77 -0.66 0.00	25.63 -0.59 -0.20	17.02 -0.35 -1.59	9.93 -0.13 -4.36	12.40 -0.19 -3.91	20.07 -0.31 -5.83	6.08 0.05 -8.81	6.24 -0.01 -6.23	24.73 -0.49 -1.06	24.76 -0.52 -0.09	21.64 -0.46 -0.12
SITHE_IND_GS4 24172	34.26 -0.77 0.00	29.01 -0.69 0.00	23.07 -0.55 0.00	22.50 -0.59 0.00	20.79 -0.56 0.00	18.16 -0.50 0.00	17.13 -0.49 0.00	22.21 -0.64 0.00	23.62 -0.70 0.00	25.34 -0.76 0.00	30.48 -0.89 0.00	30.52 -0.90 0.00	28.79 -0.75 0.00	25.77 -0.66 0.00	25.63 -0.59 -0.20	17.02 -0.35 -1.59	9.93 -0.13 -4.36	12.40 -0.19 -3.91	20.07 -0.31 -5.83	6.08 0.05 -8.81	6.24 -0.01 -6.23	24.73 -0.49 -1.06	24.76 -0.52 -0.09	21.64 -0.46 -0.12
SITHE____BATAVIA 24024	35.33 0.30 0.00	29.81 0.11 0.00	23.72 0.08 0.00	22.81 -0.28 0.00	21.03 -0.31 0.00	18.39 -0.27 0.00	17.30 -0.32 0.00	22.42 -0.43 0.00	23.66 -0.66 0.00	25.49 -0.60 0.00	30.96 -0.41 0.00	31.10 -0.32 0.00	29.79 0.26 0.00	26.56 0.13 0.00	26.37 0.01 -0.34	18.47 0.00 -2.69	13.01 -0.08 -7.39	15.34 0.03 -6.63	24.43 0.01 -9.88	12.07 -0.09 -14.93	10.54 -0.04 -10.55	26.26 0.30 -1.81	25.67 0.31 -0.16	22.58 0.39 -0.20
SITHE____INDEPEND 23800	34.26 -0.77 0.00	29.01 -0.69 0.00	23.07 -0.55 0.00	22.50 -0.59 0.00	20.79 -0.56 0.00	18.16 -0.50 0.00	17.13 -0.49 0.00	22.21 -0.64 0.00	23.62 -0.70 0.00	25.34 -0.76 0.00	30.48 -0.89 0.00	30.52 -0.90 0.00	28.79 -0.75 0.00	25.77 -0.66 0.00	25.63 -0.59 -0.20	17.02 -0.35 -1.59	9.93 -0.13 -4.36	12.40 -0.19 -3.91	20.06 -0.31 -5.83	6.08 0.05 -8.81	6.24 -0.01 -6.23	24.73 -0.49 -1.06	24.76 -0.53 -0.09	21.65 -0.46 -0.12
SITHE____MASSENA 23902	35.03 0.00 0.00	29.82 0.11 0.00	23.73 0.10 0.00	23.23 0.14 0.00	21.53 0.18 0.00	18.76 0.11 0.00	17.69 0.07 0.00	22.95 0.10 0.00	24.46 0.14 0.00	26.30 0.20 0.00	31.67 0.30 0.00	31.64 0.22 0.00	29.46 -0.08 0.00	26.31 -0.12 0.00	25.87 -0.15 0.00	15.68 -0.11 0.00	5.67 -0.03 0.00	8.61 -0.08 0.00	14.41 -0.14 0.00	-2.73 0.05 0.00	0.69 0.02 -0.64	25.57 -0.31 -1.72	26.73 -0.23 -1.76	23.44 -0.18 -1.64
SITHE____OGDNSBRG 24021	35.48 0.46 0.00	30.21 0.51 0.00	24.05 0.41 0.00	23.54 0.45 0.00	21.81 0.47 0.00	19.02 0.37 0.00	17.95 0.33 0.00	23.31 0.46 0.00	24.88 0.55 0.00	26.77 0.67 0.00	32.22 0.85 0.00	32.08 0.66 0.00	29.68 0.14 0.00	26.51 0.08 0.00	26.10 0.05 -0.03	16.04 0.01 -0.25	6.41 0.02 -0.69	9.30 0.00 -0.61	15.45 -0.01 -0.91	-1.37 0.02 -1.38	2.88 0.03 -2.83	29.22 -0.07 -5.14	30.36 0.06 -5.11	26.78 0.03 -4.76
SITHE____STERLING 23777	36.10 1.07 0.00	30.56 0.86 0.00	24.31 0.68 0.00	23.72 0.64 0.00	21.92 0.58 0.00	19.20 0.54 0.00	18.16 0.54 0.00	23.60 0.76 0.00	25.15 0.82 0.00	26.99 0.90 0.00	32.42 1.05 0.00	32.42 1.01 0.00	30.39 0.85 0.00	27.13 0.69 0.00	26.86 0.71 -0.13	17.28 0.43 -1.06	8.78 0.16 -2.92	11.55 0.25 -2.61	18.89 0.44 -3.90	3.03 -0.09 -5.89	4.18 -0.01 -4.16	25.48 0.61 -0.71	25.86 0.61 -0.06	22.56 0.49 -0.08
SLEIGHT__34_KV_TB1 80719	34.81 -0.22 0.00	29.40 -0.29 0.00	23.39 -0.24 0.00	22.70 -0.38 0.00	20.97 -0.38 0.00	18.34 -0.31 0.00	17.33 -0.30 0.00	22.47 -0.37 0.00	23.86 -0.46 0.00	25.64 -0.45 0.00	30.92 -0.45 0.00	30.98 -0.44 0.00	29.39 -0.15 0.00	26.29 -0.14 0.00	26.21 -0.12 -0.31	18.18 -0.06 -2.46	12.42 -0.06 -6.77	14.75 -0.01 -6.07	23.57 -0.03 -9.05	10.88 -0.03 -13.68	9.67 -0.02 -9.67	25.81 0.00 -1.66	25.28 -0.06 -0.15	22.14 -0.04 -0.19
SOUTH CAIRO____GT 23612	37.24 2.21 0.00	31.50 1.80 0.00	25.05 1.42 0.00	24.50 1.42 0.00	22.67 1.32 0.00	19.86 1.20 0.00	18.81 1.18 0.00	24.40 1.55 0.00	26.09 1.77 0.00	27.98 1.88 0.00	33.64 2.26 0.00	33.80 2.38 0.00	31.76 2.22 0.00	28.39 1.96 0.00	29.29 1.80 -1.47	28.49 1.13 -11.57	37.95 0.45 -31.80	37.85 0.65 -28.51	58.21 1.16 -42.50	61.23 -0.23 -64.24	45.44 0.00 -45.42	33.79 1.87 -7.77	27.72 1.85 -0.69	24.40 1.53 -0.88
SOUTH HAMPTN____IC 23720	38.26 3.23 0.00	32.59 2.89 0.00	25.85 2.22 0.00	25.16 2.08 0.00	23.28 1.93 0.00	20.45 1.80 0.00	19.51 1.89 0.00	25.32 2.47 0.00	27.00 2.68 0.00	36.41 2.92 -7.40	58.88 3.40 -24.11	34.87 3.43 -0.02	32.72 3.18 0.00	29.28 2.85 0.00	30.15 2.85 -1.28	27.59 1.71 -10.10	34.08 0.62 -27.75	34.48 0.91 -24.88	53.17 1.53 -37.09	53.00 -0.28 -56.06	39.69 0.04 -39.64	33.72 2.79 -6.78	28.75 2.96 -0.60	25.39 2.63 -0.77

SOUTHDOW_115KV_TB1 355954	36.37 1.34 0.00	30.66 0.96 0.00	24.32 0.69 0.00	23.23 0.14 0.00	21.31 -0.04 0.00	18.71 0.05 0.00	17.60 -0.03 0.00	22.91 0.06 0.00	24.09 -0.23 0.00	25.89 -0.21 0.00	31.41 0.03 0.00	31.54 0.13 0.00	30.12 0.58 0.00	26.76 0.33 0.00	26.48 0.06 -0.39	18.90 0.03 -3.08	14.17 -0.01 -8.48	16.35 0.06 -7.60	26.00 0.13 -11.33	14.27 -0.08 -17.12	12.10 -0.02 -12.10	26.87 0.65 -2.07	26.01 0.64 -0.18	23.03 0.81 -0.24
SOUTHOLD_69_KV_BK 2 55809	38.65 3.62 0.00	32.91 3.21 0.00	26.10 2.47 0.00	25.40 2.32 0.00	23.49 2.14 0.00	20.66 2.00 0.00	19.70 2.08 0.00	25.59 2.74 0.00	27.31 2.99 0.00	36.77 3.28 -7.39	59.33 3.84 -24.12	35.29 3.86 -0.02	33.13 3.59 0.00	29.65 3.21 0.00	30.50 3.20 -1.28	27.81 1.92 -10.10	34.16 0.70 -27.75	34.60 1.03 -24.88	53.40 1.76 -37.09	52.95 -0.33 -56.06	39.69 0.03 -39.64	34.05 3.11 -6.78	29.07 3.27 -0.60	25.65 2.89 -0.77
SOUTHOLD___IC 23719	38.65 3.62 0.00	32.91 3.21 0.00	26.10 2.47 0.00	25.40 2.32 0.00	23.49 2.14 0.00	20.66 2.00 0.00	19.70 2.08 0.00	25.58 2.74 0.00	27.31 2.98 0.00	36.77 3.28 -7.39	59.33 3.84 -24.12	35.29 3.86 -0.02	33.13 3.59 0.00	29.64 3.21 0.00	30.50 3.20 -1.28	27.81 1.92 -10.10	34.16 0.70 -27.75	34.60 1.03 -24.88	53.40 1.76 -37.09	52.95 -0.33 -56.06	39.70 0.03 -39.64	34.05 3.11 -6.78	29.07 3.28 -0.60	25.65 2.89 -0.77
SPIERFLS_115KV_TB 1 80737	36.61 1.58 0.00	30.93 1.23 0.00	24.55 0.92 0.00	24.07 0.99 0.00	22.29 0.94 0.00	19.54 0.89 0.00	18.39 0.77 0.00	23.83 0.98 0.00	25.53 1.21 0.00	27.35 1.25 0.00	32.90 1.53 0.00	33.15 1.74 0.00	31.24 1.70 0.00	28.02 1.59 0.00	29.10 1.48 -1.59	29.22 0.91 -12.53	40.48 0.35 -34.43	40.06 0.51 -30.86	61.41 0.86 -46.01	66.60 -0.16 -69.54	49.18 -0.01 -49.17	33.76 1.20 -8.41	27.13 1.19 -0.74	23.97 1.03 -0.96
ST LAWRENCE____ 23600	34.64 -0.39 0.00	29.47 -0.23 0.00	23.46 -0.17 0.00	22.96 -0.12 0.00	21.28 -0.07 0.00	18.55 -0.11 0.00	17.49 -0.13 0.00	22.67 -0.18 0.00	24.16 -0.17 0.00	25.98 -0.12 0.00	31.29 -0.08 0.00	31.30 -0.12 0.00	29.19 -0.35 0.00	26.08 -0.36 0.00	25.64 -0.38 0.00	15.54 -0.25 0.00	5.62 -0.08 0.00	8.54 -0.14 0.00	14.30 -0.25 0.00	-2.71 0.07 0.00	0.04 0.02 0.00	23.63 -0.53 0.00	24.72 -0.47 0.00	21.58 -0.40 0.00
STATE_CA_115KV_115_LB 55624	36.17 1.14 0.00	30.62 0.92 0.00	24.35 0.72 0.00	23.84 0.76 0.00	22.05 0.70 0.00	19.31 0.66 0.00	18.25 0.63 0.00	23.64 0.79 0.00	25.21 0.88 0.00	27.00 0.91 0.00	32.42 1.05 0.00	32.56 1.14 0.00	30.66 1.13 0.00	27.49 1.06 0.00	28.60 1.02 -1.56	28.69 0.61 -12.29	39.71 0.22 -33.78	39.32 0.35 -30.28	60.28 0.58 -45.14	65.35 -0.12 -68.24	48.27 0.00 -48.25	33.39 0.98 -8.25	26.89 0.97 -0.73	23.75 0.82 -0.94
STATE_ST_34_KV_LOAD 55959	35.69 0.66 0.00	30.08 0.38 0.00	23.91 0.28 0.00	23.31 0.23 0.00	21.54 0.20 0.00	18.87 0.21 0.00	17.83 0.20 0.00	23.05 0.21 0.00	24.48 0.15 0.00	26.24 0.14 0.00	31.54 0.16 0.00	31.55 0.14 0.00	29.86 0.32 0.00	26.76 0.33 0.00	26.76 0.41 -0.33	18.66 0.28 -2.59	12.88 0.06 -7.12	15.21 0.14 -6.38	24.33 0.27 -9.51	11.54 -0.07 -14.38	10.18 -0.01 -10.17	26.40 0.50 -1.74	25.77 0.42 -0.15	22.55 0.36 -0.20
STATION 5_MISC_HYD 23604	34.91 -0.12 0.00	29.49 -0.21 0.00	23.46 -0.17 0.00	22.69 -0.39 0.00	20.95 -0.40 0.00	18.31 -0.35 0.00	17.27 -0.35 0.00	22.41 -0.44 0.00	23.75 -0.57 0.00	25.54 -0.55 0.00	30.88 -0.49 0.00	30.97 -0.45 0.00	29.49 -0.05 0.00	26.34 -0.09 0.00	26.20 -0.13 -0.31	18.18 -0.08 -2.48	12.43 -0.08 -6.80	14.77 -0.02 -6.10	23.59 -0.05 -9.09	10.92 -0.04 -13.74	9.71 -0.03 -9.71	25.89 0.07 -1.66	25.39 0.05 -0.15	22.25 0.08 -0.19
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.19 0.16 0.00	29.76 0.06 0.00	23.67 0.04 0.00	22.94 -0.14 0.00	21.18 -0.16 0.00	18.54 -0.12 0.00	17.50 -0.13 0.00	22.72 -0.12 0.00	24.11 -0.21 0.00	25.90 -0.20 0.00	31.22 -0.15 0.00	31.29 -0.13 0.00	29.72 0.18 0.00	26.56 0.13 0.00	26.46 0.12 -0.32	18.37 0.09 -2.50	12.57 0.01 -6.86	14.92 0.08 -6.15	23.84 0.12 -9.17	11.03 -0.06 -13.86	9.80 -0.03 -9.80	26.10 0.27 -1.68	25.56 0.22 -0.15	22.38 0.20 -0.19
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.72 -0.31 0.00	29.33 -0.37 0.00	23.34 -0.29 0.00	22.59 -0.49 0.00	20.85 -0.49 0.00	18.23 -0.43 0.00	17.19 -0.42 0.00	22.32 -0.53 0.00	23.67 -0.65 0.00	25.45 -0.64 0.00	30.77 -0.61 0.00	30.85 -0.56 0.00	29.35 -0.19 0.00	26.23 -0.20 0.00	26.10 -0.23 -0.31	18.12 -0.14 -2.47	12.39 -0.09 -6.78	14.72 -0.05 -6.08	23.51 -0.11 -9.07	10.90 -0.03 -13.70	9.68 -0.03 -9.69	25.76 -0.05 -1.66	25.26 -0.08 -0.15	22.13 -0.05 -0.19
STA_56___34_KV_BUS2 355983	34.72 -0.31 0.00	29.33 -0.37 0.00	23.34 -0.29 0.00	22.59 -0.49 0.00	20.85 -0.49 0.00	18.23 -0.43 0.00	17.19 -0.42 0.00	22.32 -0.53 0.00	23.67 -0.65 0.00	25.45 -0.64 0.00	30.77 -0.61 0.00	30.85 -0.56 0.00	29.35 -0.19 0.00	26.23 -0.20 0.00	26.10 -0.23 -0.31	18.12 -0.14 -2.47	12.39 -0.09 -6.78	14.72 -0.05 -6.08	23.51 -0.11 -9.07	10.90 -0.03 -13.70	9.68 -0.03 -9.69	25.76 -0.05 -1.66	25.26 -0.08 -0.15	22.13 -0.05 -0.19
STA_67___115KV_BK2 355882	34.86 -0.18 0.00	29.44 -0.26 0.00	23.42 -0.21 0.00	22.66 -0.42 0.00	20.91 -0.43 0.00	18.28 -0.38 0.00	17.23 -0.39 0.00	22.36 -0.48 0.00	23.71 -0.61 0.00	25.49 -0.61 0.00	30.82 -0.55 0.00	30.91 -0.51 0.00	29.43 -0.11 0.00	26.29 -0.14 0.00	26.15 -0.18 -0.31	18.15 -0.11 -2.48	12.41 -0.09 -6.80	14.75 -0.04 -6.09	23.55 -0.08 -9.08	10.92 -0.04 -13.73	9.70 -0.03 -9.71	25.83 0.02 -1.66	25.34 0.00 -0.15	22.21 0.04 -0.19
STA_7___115KV_9TRANS 80674	35.04 0.00 0.00	29.59 -0.11 0.00	23.54 -0.10 0.00	22.77 -0.32 0.00	21.01 -0.33 0.00	18.37 -0.29 0.00	17.33 -0.29 0.00	22.48 -0.36 0.00	23.84 -0.48 0.00	25.65 -0.45 0.00	31.01 -0.36 0.00	31.11 -0.31 0.00	29.62 0.08 0.00	26.45 0.02 0.00	26.31 -0.03 -0.31	18.25 -0.01 -2.48	12.45 -0.05 -6.80	14.81 0.02 -6.10	23.66 0.02 -9.09	10.91 -0.06 -13.74	9.71 -0.03 -9.71	25.99 0.17 -1.66	25.49 0.15 -0.15	22.33 0.16 -0.19
STA_82___115KV_TB1 80780	34.86 -0.17 0.00	29.45 -0.25 0.00	23.44 -0.20 0.00	22.67 -0.42 0.00	20.92 -0.42 0.00	18.29 -0.37 0.00	17.24 -0.38 0.00	22.37 -0.48 0.00	23.72 -0.61 0.00	25.50 -0.59 0.00	30.83 -0.54 0.00	30.93 -0.49 0.00	29.45 -0.09 0.00	26.31 -0.13 0.00	26.17 -0.17 -0.31	18.16 -0.10 -2.48	12.44 -0.08 -6.82	14.78 -0.03 -6.12	23.59 -0.07 -9.12	10.97 -0.04 -13.78	9.74 -0.03 -9.74	25.85 0.03 -1.67	25.35 0.01 -0.15	22.22 0.04 -0.19
STEEL___WIND 323596	35.01 -0.03 0.00	29.54 -0.15 0.00	23.49 -0.14 0.00	22.52 -0.56 0.00	20.75 -0.60 0.00	18.15 -0.51 0.00	17.01 -0.60 0.00	22.06 -0.79 0.00	23.19 -1.13 0.00	24.94 -1.16 0.00	30.29 -1.08 0.00	30.41 -1.00 0.00	29.26 -0.28 0.00	26.05 -0.38 0.00	25.82 -0.58 -0.38	18.38 -0.37 -2.96	13.62 -0.22 -8.14	15.79 -0.19 -7.29	25.09 -0.34 -10.87	13.64 -0.02 -16.43	11.60 -0.05 -11.62	25.98 -0.16 -1.99	25.24 -0.13 -0.18	22.28 0.07 -0.23

STEPHTWN_115KV_BK_2 55603	36.37 1.34 0.00	30.76 1.06 0.00	24.41 0.78 0.00	23.88 0.79 0.00	22.11 0.77 0.00	19.38 0.72 0.00	18.29 0.67 0.00	23.77 0.92 0.00	25.36 1.03 0.00	27.14 1.05 0.00	32.60 1.23 0.00	32.68 1.26 0.00	30.80 1.26 0.00	27.60 1.17 0.00	28.76 1.19 -1.55	28.67 0.69 -12.20	39.51 0.27 -33.53	39.14 0.40 -30.06	60.05 0.69 -44.81	64.82 -0.14 -67.73	47.91 0.00 -47.89	33.50 1.16 -8.19	27.02 1.10 -0.72	23.86 0.94 -0.93
STEUBEN_REC_LFGE 323667	35.46 0.43 0.00	30.21 0.51 0.00	23.97 0.34 0.00	23.03 -0.05 0.00	21.22 -0.12 0.00	18.53 -0.13 0.00	17.39 -0.23 0.00	22.37 -0.48 0.00	23.49 -0.83 0.00	25.06 -1.04 0.00	30.04 -1.33 0.00	29.91 -1.51 0.00	28.78 -0.76 0.00	25.47 -0.96 0.00	25.39 -1.08 -0.44	18.67 -0.58 -3.48	14.99 -0.26 -9.55	16.90 -0.35 -8.56	26.82 -0.49 -12.76	16.60 0.08 -19.29	13.64 -0.02 -13.64	25.78 -0.71 -2.33	24.59 -0.80 -0.21	21.72 -0.53 -0.27
STILLWATER___SOLAR 323814	36.59 1.56 0.00	30.95 1.25 0.00	24.61 0.98 0.00	24.10 1.01 0.00	22.30 0.95 0.00	19.54 0.88 0.00	18.43 0.81 0.00	23.87 1.03 0.00	25.49 1.17 0.00	27.31 1.21 0.00	32.84 1.46 0.00	33.01 1.59 0.00	31.09 1.55 0.00	27.87 1.44 0.00	28.98 1.38 -1.59	29.11 0.83 -12.50	40.36 0.31 -34.34	39.95 0.47 -30.79	61.23 0.79 -45.90	66.45 -0.15 -69.38	49.07 0.00 -49.05	33.77 1.23 -8.39	27.15 1.21 -0.74	23.99 1.05 -0.95
STONY___BROOK 24151	37.36 2.33 0.00	31.87 2.17 0.00	25.28 1.65 0.00	24.62 1.53 0.00	22.77 1.42 0.00	19.99 1.34 0.00	19.07 1.45 0.00	24.72 1.87 0.00	26.31 1.99 0.00	36.80 2.15 -8.55	65.97 2.46 -32.14	33.94 2.49 -0.03	31.82 2.28 0.00	28.50 2.07 0.00	29.39 2.08 -1.28	27.10 1.22 -10.10	33.88 0.43 -27.75	34.18 0.61 -24.88	52.65 1.01 -37.09	53.10 -0.18 -56.06	39.70 0.04 -39.64	32.98 2.04 -6.79	28.02 2.23 -0.60	24.79 2.03 -0.77
STURGEON_POOL_HYD 23609	36.27 1.24 0.00	30.71 1.01 0.00	24.43 0.80 0.00	23.85 0.77 0.00	22.05 0.70 0.00	19.35 0.69 0.00	18.37 0.75 0.00	23.82 0.97 0.00	25.38 1.06 0.00	27.18 1.08 0.00	32.56 1.19 0.00	32.61 1.20 0.00	30.81 1.27 0.00	27.59 1.16 0.00	28.40 1.09 -1.29	26.64 0.66 -10.19	33.92 0.22 -27.99	34.12 0.34 -25.09	52.54 0.59 -37.40	53.65 -0.12 -56.54	40.00 0.00 -39.97	32.19 1.20 -6.84	27.02 1.22 -0.60	23.84 1.08 -0.78
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.31 1.28 0.00	30.76 1.07 0.00	24.46 0.83 0.00	23.87 0.78 0.00	22.05 0.70 0.00	19.36 0.70 0.00	18.39 0.77 0.00	23.95 1.10 0.00	25.49 1.17 0.00	27.30 1.20 0.00	32.69 1.32 0.00	32.76 1.35 0.00	30.94 1.40 0.00	27.72 1.29 0.00	28.42 1.23 -1.17	25.77 0.76 -9.23	31.31 0.25 -25.36	31.82 0.40 -22.73	49.13 0.69 -33.89	48.31 -0.14 -51.22	36.24 0.00 -36.21	31.69 1.34 -6.20	27.07 1.33 -0.55	23.86 1.17 -0.70
SWANROAD_115KV_TB1 355699	34.13 -0.90 0.00	28.82 -0.88 0.00	22.94 -0.69 0.00	21.99 -1.09 0.00	20.27 -1.08 0.00	17.69 -0.97 0.00	16.60 -1.03 0.00	21.39 -1.45 0.00	22.45 -1.87 0.00	24.20 -1.90 0.00	29.47 -1.90 0.00	29.64 -1.78 0.00	28.54 -1.00 0.00	25.44 -0.99 0.00	25.20 -1.18 -0.36	17.90 -0.71 -2.84	13.13 -0.36 -7.79	15.28 -0.39 -6.98	24.25 -0.72 -10.41	13.00 0.04 -15.74	11.11 -0.04 -11.12	25.27 -0.78 -1.90	24.64 -0.72 -0.17	21.82 -0.39 -0.22
SYNERGY___BIOGAS 323694	35.33 0.30 0.00	29.81 0.11 0.00	23.72 0.08 0.00	22.81 -0.28 0.00	21.03 -0.31 0.00	18.39 -0.27 0.00	17.30 -0.32 0.00	22.42 -0.43 0.00	23.66 -0.66 0.00	25.49 -0.60 0.00	30.96 -0.41 0.00	31.10 -0.32 0.00	29.79 0.26 0.00	26.56 0.13 0.00	26.37 0.01 -0.34	18.47 0.00 -2.69	13.01 -0.08 -7.39	15.34 0.03 -6.63	24.43 0.01 -9.88	12.07 -0.09 -14.93	10.54 -0.04 -10.55	26.26 0.30 -1.81	25.67 0.31 -0.16	22.58 0.39 -0.20
SYRACUSE___ENERGY_ST1 323597	35.28 0.25 0.00	29.82 0.12 0.00	23.73 0.10 0.00	23.10 0.02 0.00	21.34 -0.01 0.00	18.67 0.01 0.00	17.63 0.01 0.00	22.87 0.02 0.00	24.30 -0.02 0.00	26.06 -0.03 0.00	31.34 -0.04 0.00	31.37 -0.04 0.00	29.65 0.11 0.00	26.55 0.12 0.00	26.47 0.16 -0.29	18.20 0.11 -2.30	12.06 0.03 -6.33	14.43 0.07 -5.67	23.14 0.13 -8.46	9.98 -0.03 -12.79	9.05 -0.01 -9.04	25.94 0.24 -1.55	25.52 0.19 -0.14	22.32 0.16 -0.18
SYRACUSE___ENERGY_ST2 323598	35.28 0.25 0.00	29.82 0.12 0.00	23.73 0.10 0.00	23.10 0.02 0.00	21.34 -0.01 0.00	18.67 0.01 0.00	17.63 0.01 0.00	22.87 0.02 0.00	24.30 -0.02 0.00	26.06 -0.03 0.00	31.34 -0.04 0.00	31.37 -0.04 0.00	29.65 0.11 0.00	26.55 0.12 0.00	26.47 0.16 -0.29	18.20 0.11 -2.30	12.06 0.03 -6.33	14.43 0.07 -5.67	23.14 0.13 -8.46	9.98 -0.03 -12.79	9.05 -0.01 -9.04	25.94 0.24 -1.55	25.52 0.19 -0.14	22.32 0.16 -0.18
SYRACUSE___POWER 24017	35.20 0.17 0.00	29.78 0.08 0.00	23.69 0.06 0.00	23.06 -0.03 0.00	21.29 -0.05 0.00	18.62 -0.04 0.00	17.59 -0.04 0.00	22.83 -0.02 0.00	24.26 -0.06 0.00	26.02 -0.07 0.00	31.29 -0.09 0.00	31.33 -0.09 0.00	29.62 0.08 0.00	26.52 0.09 0.00	26.43 0.12 -0.29	18.18 0.09 -2.31	12.09 0.03 -6.36	14.45 0.06 -5.70	23.17 0.12 -8.50	10.05 -0.03 -12.85	9.10 -0.01 -9.09	25.91 0.20 -1.56	25.49 0.16 -0.14	22.29 0.13 -0.18
TALLMAN__138KV_BK151 55660	36.37 1.34 0.00	30.82 1.12 0.00	24.50 0.87 0.00	23.88 0.80 0.00	22.06 0.72 0.00	19.39 0.73 0.00	18.43 0.81 0.00	23.93 1.08 0.00	25.46 1.13 0.00	27.25 1.16 0.00	32.61 1.24 0.00	32.69 1.27 0.00	30.88 1.35 0.00	27.68 1.25 0.00	28.40 1.20 -1.18	25.80 0.74 -9.28	31.44 0.24 -25.50	31.93 0.38 -22.86	49.28 0.65 -34.08	48.60 -0.13 -51.51	36.44 0.00 -36.42	31.71 1.33 -6.23	27.05 1.30 -0.55	23.85 1.15 -0.71
TEALLAVE_115KV_TB7 355573	34.98 -0.05 0.00	29.58 -0.11 0.00	23.54 -0.09 0.00	22.92 -0.16 0.00	21.17 -0.18 0.00	18.51 -0.15 0.00	17.47 -0.15 0.00	22.67 -0.17 0.00	24.11 -0.22 0.00	25.85 -0.24 0.00	31.10 -0.28 0.00	31.15 -0.27 0.00	29.44 -0.10 0.00	26.34 -0.09 0.00	26.23 -0.06 -0.27	17.88 -0.02 -2.12	11.50 -0.01 -5.82	13.90 -0.01 -5.21	22.32 0.00 -7.77	8.96 -0.01 -11.75	8.32 -0.01 -8.30	25.61 0.04 -1.42	25.31 -0.01 -0.13	22.14 -0.01 -0.16
TELGRAPH_34_KV_EAST 80808	34.76 -0.27 0.00	29.34 -0.35 0.00	23.35 -0.28 0.00	22.42 -0.67 0.00	20.67 -0.68 0.00	18.06 -0.60 0.00	16.96 -0.66 0.00	21.93 -0.92 0.00	23.09 -1.24 0.00	24.88 -1.21 0.00	30.25 -1.12 0.00	30.40 -1.02 0.00	29.21 -0.33 0.00	26.03 -0.40 0.00	25.81 -0.56 -0.35	18.19 -0.34 -2.75	13.05 -0.22 -7.56	15.29 -0.17 -6.78	24.31 -0.34 -10.10	12.47 -0.03 -15.27	10.78 -0.04 -10.80	25.77 -0.23 -1.85	25.17 -0.18 -0.16	22.22 0.02 -0.21
TEMPLE___115KV_TB 2 55572	35.01 -0.02 0.00	29.61 -0.08 0.00	23.56 -0.07 0.00	22.93 -0.15 0.00	21.18 -0.16 0.00	18.52 -0.13 0.00	17.49 -0.13 0.00	22.70 -0.15 0.00	24.12 -0.20 0.00	25.87 -0.22 0.00	31.12 -0.25 0.00	31.17 -0.24 0.00	29.46 -0.07 0.00	26.37 -0.07 0.00	26.26 -0.03 -0.27	17.91 -0.01 -2.14	11.56 -0.01 -5.87	13.95 0.00 -5.26	22.41 0.02 -7.84	9.06 -0.01 -11.85	8.39 -0.01 -8.38	25.65 0.06 -1.44	25.34 0.02 -0.13	22.16 0.01 -0.16

TIANA___69_KV_BK 1 55817	38.12 3.09 0.00	32.48 2.78 0.00	25.76 2.13 0.00	25.08 2.00 0.00	23.20 1.85 0.00	20.38 1.73 0.00	19.44 1.82 0.00	25.23 2.38 0.00	26.89 2.57 0.00	36.30 2.81 -7.39	58.75 3.26 -24.12	34.72 3.29 -0.02	32.58 3.04 0.00	29.16 2.73 0.00	30.03 2.73 -1.28	27.52 1.64 -10.10	34.05 0.59 -27.75	34.43 0.86 -24.88	53.10 1.46 -37.09	53.01 -0.28 -56.06	39.70 0.04 -39.64	33.61 2.68 -6.78	28.64 2.85 -0.60	25.30 2.54 -0.77
TILDEN___115KV_TB1 80814	35.20 0.17 0.00	29.78 0.08 0.00	23.69 0.06 0.00	23.06 -0.03 0.00	21.29 -0.05 0.00	18.62 -0.04 0.00	17.59 -0.04 0.00	22.83 -0.02 0.00	24.26 -0.06 0.00	26.02 -0.07 0.00	31.29 -0.09 0.00	31.33 -0.09 0.00	29.62 0.08 0.00	26.52 0.09 0.00	26.43 0.12 -0.29	18.18 0.09 -2.31	12.09 0.03 -6.36	14.45 0.06 -5.70	23.17 0.12 -8.50	10.05 -0.03 -12.85	9.10 -0.01 -9.09	25.91 0.20 -1.56	25.49 0.16 -0.14	22.29 0.13 -0.18
TRIGEN___CC 323695	36.75 1.72 0.00	31.27 1.57 0.00	24.83 1.20 0.00	24.20 1.11 0.00	22.38 1.03 0.00	19.65 0.99 0.00	18.71 1.09 0.00	24.27 1.42 0.00	25.81 1.48 0.00	27.67 1.58 0.00	33.17 1.79 0.00	33.24 1.82 0.00	31.30 1.76 0.00	28.07 1.64 0.00	28.90 1.60 -1.28	26.82 0.94 -10.10	33.78 0.33 -27.75	34.04 0.48 -24.88	52.43 0.79 -37.09	53.14 -0.15 -56.06	39.68 0.03 -39.63	32.53 1.59 -6.78	27.46 1.67 -0.60	24.28 1.52 -0.77
TRINITY___115KV___4 BK 55933	36.05 1.02 0.00	30.52 0.83 0.00	24.28 0.65 0.00	23.78 0.69 0.00	21.99 0.64 0.00	19.26 0.60 0.00	18.19 0.57 0.00	23.56 0.72 0.00	25.12 0.79 0.00	26.91 0.81 0.00	32.30 0.93 0.00	32.43 1.02 0.00	30.55 1.01 0.00	27.39 0.95 0.00	28.48 0.91 -1.55	28.56 0.55 -12.23	39.49 0.20 -33.59	39.11 0.31 -30.11	59.97 0.53 -44.89	64.97 -0.11 -67.85	47.99 0.00 -47.97	33.25 0.89 -8.21	26.79 0.87 -0.73	23.67 0.75 -0.93
UNION___PROCESSING_DRP 323587	34.87 -0.16 0.00	29.47 -0.23 0.00	23.44 -0.19 0.00	22.67 -0.41 0.00	20.93 -0.42 0.00	18.29 -0.36 0.00	17.25 -0.37 0.00	22.38 -0.47 0.00	23.72 -0.60 0.00	25.51 -0.58 0.00	30.85 -0.52 0.00	30.94 -0.48 0.00	29.46 -0.08 0.00	26.31 -0.12 0.00	26.18 -0.16 -0.31	18.17 -0.10 -2.49	12.44 -0.09 -6.83	14.78 -0.03 -6.12	23.61 -0.07 -9.12	10.98 -0.04 -13.79	9.75 -0.03 -9.75	25.86 0.04 -1.67	25.36 0.02 -0.15	22.23 0.05 -0.19
UPPER HUDSON___HYD 24058	36.61 1.58 0.00	30.93 1.23 0.00	24.55 0.92 0.00	24.07 0.99 0.00	22.29 0.94 0.00	19.54 0.89 0.00	18.39 0.77 0.00	23.83 0.98 0.00	25.53 1.21 0.00	27.35 1.25 0.00	32.90 1.53 0.00	33.15 1.73 0.00	31.24 1.70 0.00	28.02 1.59 0.00	29.10 1.48 -1.59	29.22 0.91 -12.53	40.48 0.35 -34.43	40.06 0.51 -30.86	61.41 0.86 -46.01	66.60 -0.16 -69.54	49.18 -0.01 -49.17	33.77 1.20 -8.41	27.13 1.19 -0.74	23.98 1.03 -0.96
UPPER RAQUET___HYD 24056	35.01 -0.02 0.00	29.86 0.16 0.00	23.78 0.15 0.00	23.27 0.19 0.00	21.56 0.21 0.00	18.80 0.15 0.00	17.74 0.12 0.00	23.04 0.19 0.00	24.58 0.25 0.00	26.44 0.34 0.00	31.81 0.44 0.00	31.57 0.15 0.00	29.07 -0.47 0.00	25.97 -0.47 0.00	25.54 -0.52 -0.04	15.74 -0.35 -0.31	6.43 -0.14 -0.86	9.20 -0.26 -0.77	15.26 -0.44 -1.15	-0.92 0.11 -1.74	3.92 0.05 -3.85	30.78 -0.62 -7.25	31.99 -0.43 -7.23	28.33 -0.39 -6.73
VALLEY44_115KV_TB2 355964	35.90 0.87 0.00	30.37 0.67 0.00	24.13 0.50 0.00	23.18 0.09 0.00	21.35 0.00 0.00	18.74 0.08 0.00	17.63 0.01 0.00	22.93 0.09 0.00	24.16 -0.16 0.00	25.88 -0.22 0.00	31.26 -0.11 0.00	31.27 -0.15 0.00	30.03 0.49 0.00	26.76 0.33 0.00	26.49 0.07 -0.39	18.92 0.02 -3.12	14.22 -0.05 -8.57	16.42 0.04 -7.69	26.09 0.09 -11.46	14.46 -0.08 -17.32	12.24 -0.03 -12.25	26.79 0.55 -2.10	25.96 0.59 -0.18	22.81 0.59 -0.24
VALLEY___115KV_TB 1-4 80826	35.76 0.73 0.00	30.26 0.56 0.00	24.09 0.45 0.00	23.54 0.45 0.00	21.75 0.40 0.00	19.08 0.43 0.00	18.02 0.40 0.00	23.35 0.50 0.00	24.84 0.52 0.00	26.63 0.53 0.00	31.98 0.61 0.00	32.07 0.66 0.00	30.07 0.53 0.00	26.71 0.28 0.00	26.33 0.27 -0.03	16.19 0.16 -0.25	6.47 0.09 -0.68	9.43 0.13 -0.61	15.72 0.26 -0.91	-1.45 -0.05 -1.38	1.00 0.00 -0.97	24.60 0.28 -0.17	25.40 0.20 -0.02	22.13 0.13 -0.02
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.35 1.32 0.00	30.74 1.05 0.00	24.46 0.83 0.00	23.88 0.80 0.00	22.04 0.70 0.00	19.22 0.57 0.00	18.25 0.62 0.00	23.70 0.85 0.00	25.22 0.90 0.00	27.07 0.98 0.00	32.50 1.13 0.00	32.57 1.16 0.00	30.75 1.22 0.00	27.52 1.09 0.00	27.86 1.06 -0.78	22.56 0.65 -6.13	22.76 0.23 -16.83	24.13 0.35 -15.09	37.64 0.60 -22.49	31.10 -0.12 -34.00	24.05 -0.01 -24.04	29.33 1.07 -4.11	26.60 1.05 -0.36	23.35 0.89 -0.47
VISCHER___FERRY HYD 24020	36.19 1.17 0.00	30.62 0.92 0.00	24.39 0.76 0.00	23.91 0.82 0.00	22.11 0.77 0.00	19.36 0.70 0.00	18.26 0.64 0.00	23.64 0.79 0.00	25.20 0.88 0.00	26.98 0.88 0.00	32.44 1.07 0.00	32.62 1.20 0.00	30.69 1.15 0.00	27.51 1.08 0.00	28.63 1.03 -1.57	28.79 0.62 -12.39	39.97 0.23 -34.03	39.56 0.36 -30.51	60.62 0.59 -45.48	65.86 -0.12 -68.75	48.63 0.00 -48.61	33.43 0.97 -8.31	26.87 0.94 -0.74	23.75 0.82 -0.94
V_A_10_SYNC_DSASP 323832	34.23 -0.80 0.00	28.91 -0.79 0.00	23.00 -0.63 0.00	22.11 -0.97 0.00	20.39 -0.96 0.00	17.81 -0.84 0.00	16.74 -0.89 0.00	21.66 -1.19 0.00	22.84 -1.48 0.00	24.59 -1.51 0.00	29.86 -1.51 0.00	29.97 -1.45 0.00	28.76 -0.77 0.00	25.66 -0.78 0.00	25.48 -0.89 -0.35	17.96 -0.54 -2.72	12.89 -0.29 -7.48	15.10 -0.29 -6.70	24.01 -0.53 -9.99	12.34 0.02 -15.10	10.66 -0.04 -10.67	25.47 -0.51 -1.83	24.86 -0.49 -0.16	21.90 -0.29 -0.21
V_CMM_10_SYNC_DSASP 323787	34.79 -0.24 0.00	29.60 -0.10 0.00	23.56 -0.07 0.00	23.06 -0.02 0.00	21.37 0.02 0.00	18.63 -0.03 0.00	17.56 -0.05 0.00	22.78 -0.07 0.00	24.27 -0.05 0.00	26.09 0.00 0.00	31.43 0.06 0.00	31.43 0.02 0.00	29.32 -0.22 0.00	26.20 -0.24 0.00	25.76 -0.26 0.00	15.61 -0.17 0.00	5.65 -0.05 0.00	8.58 -0.11 0.00	14.36 -0.19 0.00	-2.72 0.05 0.00	0.04 0.02 0.00	23.73 -0.42 0.00	24.83 -0.36 0.00	21.68 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	35.34 0.31 0.00	30.80 1.10 0.00	24.58 0.95 0.00	24.17 1.09 0.00	22.41 1.07 0.00	19.64 0.98 0.00	18.48 0.86 0.00	23.93 1.08 0.00	25.60 1.27 0.00	27.49 1.40 0.00	33.08 1.71 0.00	33.03 1.62 0.00	30.61 1.07 0.00	27.20 0.76 0.00	26.49 0.46 0.00	15.93 0.15 0.00	5.73 0.03 0.00	8.66 -0.03 0.00	14.35 -0.20 0.00	-2.68 0.09 0.00	-16.48 0.02 16.53	-21.25 -1.05 44.36	-21.26 -1.01 45.44	-21.22 -0.93 42.28
V_E_10_SYNC_DSASP 323830	37.73 2.70 0.00	31.88 2.18 0.00	25.33 1.70 0.00	24.57 1.48 0.00	22.59 1.25 0.00	19.77 1.11 0.00	18.65 1.03 0.00	24.23 1.38 0.00	25.75 1.43 0.00	27.56 1.46 0.00	32.83 1.46 0.00	32.74 1.33 0.00	30.71 1.17 0.00	27.37 0.93 0.00	27.73 1.13 -0.57	21.06 0.74 -4.54	18.39 0.23 -12.46	20.22 0.36 -11.17	31.82 0.62 -16.65	22.28 -0.12 -25.17	17.80 -0.02 -17.80	28.02 0.82 -3.05	26.20 0.74 -0.27	22.86 0.52 -0.34

V_F_30_NSYNC___DSASP 323816	36.63 1.60 0.00	30.99 1.29 0.00	24.63 1.00 0.00	24.12 1.04 0.00	22.32 0.97 0.00	19.55 0.90 0.00	18.45 0.83 0.00	23.91 1.06 0.00	25.52 1.20 0.00	27.35 1.25 0.00	32.87 1.50 0.00	33.05 1.63 0.00	31.13 1.59 0.00	27.90 1.47 0.00	29.02 1.41 -1.59	29.15 0.85 -12.51	40.40 0.32 -34.38	39.99 0.48 -30.82	61.30 0.80 -45.95	66.52 -0.16 -69.45	49.12 -0.01 -49.10	33.81 1.26 -8.40	27.19 1.25 -0.74	24.02 1.08 -0.96
V_F_30_SYNC_DSASP 323786	36.17 1.14 0.00	30.62 0.92 0.00	24.35 0.72 0.00	23.84 0.76 0.00	22.05 0.70 0.00	19.31 0.65 0.00	18.25 0.63 0.00	23.64 0.79 0.00	25.20 0.88 0.00	27.00 0.91 0.00	32.42 1.05 0.00	32.56 1.14 0.00	30.66 1.13 0.00	27.49 1.06 0.00	28.60 1.01 -1.56	28.68 0.61 -12.29	39.69 0.22 -33.77	39.31 0.35 -30.27	60.26 0.58 -45.12	65.32 -0.11 -68.21	48.24 0.00 -48.22	33.38 0.98 -8.25	26.89 0.96 -0.73	23.74 0.82 -0.94
V_XM_10_SYNC_DSASP 323789	35.34 0.31 0.00	30.80 1.10 0.00	24.58 0.95 0.00	24.17 1.09 0.00	22.41 1.07 0.00	19.64 0.98 0.00	18.48 0.86 0.00	23.93 1.08 0.00	25.60 1.27 0.00	27.49 1.40 0.00	33.08 1.71 0.00	33.03 1.62 0.00	30.61 1.07 0.00	27.20 0.76 0.00	26.49 0.46 0.00	15.93 0.15 0.00	5.73 0.03 0.00	8.66 -0.03 0.00	14.35 -0.20 0.00	-2.68 0.09 0.00	-16.48 0.02 16.53	-21.25 -1.05 44.36	-21.26 -1.01 45.44	-21.22 -0.93 42.28
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.48 1.44 0.00	30.90 1.20 0.00	24.57 0.94 0.00	23.95 0.87 0.00	22.12 0.78 0.00	19.44 0.78 0.00	18.48 0.86 0.00	24.00 1.16 0.00	25.54 1.21 0.00	27.35 1.25 0.00	32.73 1.36 0.00	32.80 1.39 0.00	30.99 1.45 0.00	27.77 1.34 0.00	28.48 1.28 -1.18	25.86 0.79 -9.29	31.48 0.26 -25.52	31.98 0.41 -22.88	49.35 0.70 -34.10	48.63 -0.15 -51.55	36.47 0.00 -36.45	31.80 1.41 -6.24	27.14 1.40 -0.55	23.91 1.22 -0.71
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.66 1.63 0.00	31.07 1.37 0.00	24.72 1.09 0.00	24.12 1.04 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.59 0.97 0.00	24.12 1.26 0.00	25.71 1.39 0.00	27.56 1.47 0.00	32.97 1.59 0.00	33.03 1.61 0.00	31.24 1.71 0.00	28.01 1.58 0.00	28.80 1.50 -1.28	26.80 0.92 -10.10	33.76 0.31 -27.75	34.02 0.46 -24.87	52.39 0.76 -37.08	53.13 -0.15 -56.05	39.66 0.00 -39.63	32.45 1.52 -6.78	27.34 1.55 -0.60	24.11 1.35 -0.77
W50THST__13_KV_LOAD 356117	36.77 1.74 0.00	31.15 1.45 0.00	24.79 1.16 0.00	24.19 1.10 0.00	22.35 1.00 0.00	19.61 0.95 0.00	18.65 1.03 0.00	24.20 1.35 0.00	25.82 1.49 0.00	27.68 1.58 0.00	33.11 1.74 0.00	33.17 1.75 0.00	31.38 1.84 0.00	28.13 1.69 0.00	28.92 1.62 -1.28	26.87 0.99 -10.10	33.79 0.33 -27.75	34.06 0.49 -24.87	52.45 0.81 -37.08	53.12 -0.16 -56.05	39.65 0.00 -39.63	32.54 1.61 -6.78	27.44 1.65 -0.60	24.19 1.44 -0.77
WADING RIVER_IC_1 23522	37.75 2.72 0.00	32.18 2.48 0.00	25.53 1.90 0.00	24.86 1.77 0.00	22.99 1.64 0.00	20.19 1.54 0.00	19.27 1.64 0.00	24.98 2.13 0.00	26.60 2.28 0.00	35.99 2.48 -7.41	58.26 2.85 -24.03	34.32 2.88 -0.02	32.20 2.66 0.00	28.82 2.39 0.00	29.71 2.41 -1.28	27.32 1.44 -10.10	33.97 0.51 -27.75	34.32 0.75 -24.88	52.89 1.25 -37.09	53.05 -0.23 -56.06	39.70 0.04 -39.64	33.31 2.38 -6.78	28.35 2.55 -0.60	25.05 2.30 -0.77
WADING RIVER_IC_2 23547	37.75 2.72 0.00	32.18 2.48 0.00	25.53 1.90 0.00	24.86 1.77 0.00	22.99 1.64 0.00	20.19 1.54 0.00	19.27 1.64 0.00	24.98 2.13 0.00	26.60 2.28 0.00	35.99 2.48 -7.41	58.26 2.85 -24.03	34.32 2.88 -0.02	32.20 2.66 0.00	28.82 2.39 0.00	29.71 2.41 -1.28	27.32 1.44 -10.10	33.97 0.51 -27.75	34.32 0.75 -24.88	52.89 1.25 -37.09	53.05 -0.23 -56.06	39.70 0.04 -39.64	33.31 2.38 -6.78	28.35 2.55 -0.60	25.05 2.30 -0.77
WADING RIVER_IC_3 23601	37.75 2.72 0.00	32.18 2.48 0.00	25.53 1.90 0.00	24.86 1.77 0.00	22.99 1.64 0.00	20.19 1.54 0.00	19.27 1.64 0.00	24.98 2.13 0.00	26.60 2.28 0.00	35.99 2.48 -7.41	58.26 2.85 -24.03	34.32 2.88 -0.02	32.20 2.66 0.00	28.82 2.39 0.00	29.71 2.41 -1.28	27.32 1.44 -10.10	33.97 0.51 -27.75	34.32 0.75 -24.88	52.89 1.25 -37.09	53.05 -0.23 -56.06	39.70 0.04 -39.64	33.31 2.38 -6.78	28.35 2.55 -0.60	25.05 2.30 -0.77
WALDENNY_12_KV_BK2 80841	35.01 -0.02 0.00	29.54 -0.16 0.00	23.50 -0.13 0.00	22.52 -0.57 0.00	20.75 -0.60 0.00	18.14 -0.51 0.00	17.03 -0.59 0.00	22.06 -0.78 0.00	23.20 -1.12 0.00	24.95 -1.15 0.00	30.32 -1.05 0.00	30.46 -0.96 0.00	29.30 -0.24 0.00	26.10 -0.33 0.00	25.85 -0.54 -0.37	18.39 -0.34 -2.95	13.60 -0.21 -8.10	15.78 -0.17 -7.26	25.06 -0.31 -10.82	13.56 -0.03 -16.36	11.55 -0.04 -11.57	25.98 -0.15 -1.98	25.26 -0.10 -0.17	22.30 0.09 -0.22
WALDEN___HYDRO 24148	36.57 1.55 0.00	30.96 1.26 0.00	24.62 0.99 0.00	24.02 0.93 0.00	22.19 0.84 0.00	19.47 0.82 0.00	18.50 0.87 0.00	24.03 1.18 0.00	25.60 1.28 0.00	27.42 1.33 0.00	32.85 1.48 0.00	32.91 1.49 0.00	31.05 1.51 0.00	27.79 1.36 0.00	28.50 1.26 -1.22	26.19 0.81 -9.59	32.33 0.28 -26.35	32.75 0.44 -23.62	50.52 0.76 -35.21	50.30 -0.15 -53.23	37.65 0.00 -37.63	32.05 1.46 -6.44	27.22 1.46 -0.57	23.98 1.26 -0.73
WARRENSBURG___ 23737	36.61 1.58 0.00	30.93 1.23 0.00	24.55 0.92 0.00	24.07 0.99 0.00	22.29 0.94 0.00	19.54 0.89 0.00	18.39 0.77 0.00	23.83 0.98 0.00	25.53 1.21 0.00	27.35 1.25 0.00	32.90 1.53 0.00	33.15 1.73 0.00	31.24 1.70 0.00	28.02 1.59 0.00	29.10 1.48 -1.59	29.22 0.91 -12.53	40.48 0.35 -34.43	40.06 0.51 -30.86	61.41 0.86 -46.01	66.60 -0.16 -69.54	49.18 -0.01 -49.17	33.77 1.20 -8.41	27.13 1.19 -0.74	23.98 1.03 -0.96
WATERSIDE___6 8 9 23538	36.48 1.45 0.00	30.95 1.25 0.00	24.62 0.99 0.00	24.02 0.93 0.00	22.21 0.86 0.00	19.49 0.83 0.00	18.53 0.91 0.00	24.02 1.17 0.00	25.64 1.31 0.00	27.47 1.38 0.00	32.86 1.49 0.00	32.91 1.50 0.00	31.15 1.61 0.00	27.92 1.49 0.00	28.70 1.40 -1.28	26.74 0.86 -10.10	33.75 0.30 -27.75	33.99 0.43 -24.87	52.33 0.69 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.39 1.45 -6.78	27.27 1.48 -0.60	24.04 1.29 -0.77
WATKINRD_115KV_LN8_ILLION 55919	35.53 0.50 0.00	30.08 0.39 0.00	23.93 0.30 0.00	23.40 0.31 0.00	21.63 0.28 0.00	18.95 0.29 0.00	17.90 0.28 0.00	23.21 0.36 0.00	24.72 0.40 0.00	26.51 0.41 0.00	31.84 0.47 0.00	31.92 0.51 0.00	29.99 0.45 0.00	26.76 0.33 0.00	26.38 0.33 -0.03	16.23 0.19 -0.25	6.47 0.08 -0.68	9.43 0.13 -0.61	15.71 0.25 -0.91	-1.45 -0.05 -1.38	0.99 0.00 -0.97	24.67 0.36 -0.17	25.50 0.30 -0.02	22.24 0.23 -0.02
WATSON___69_KV_BK 1 55734	37.59 2.56 0.00	32.03 2.33 0.00	25.42 1.79 0.00	24.75 1.66 0.00	22.89 1.55 0.00	20.11 1.45 0.00	19.18 1.56 0.00	24.87 2.02 0.00	26.47 2.15 0.00	32.06 2.33 -3.63	46.17 2.69 -12.11	34.16 2.73 -0.01	32.07 2.53 0.00	28.74 2.30 0.00	29.61 2.31 -1.28	27.23 1.35 -10.10	33.93 0.47 -27.75	34.23 0.67 -24.88	52.76 1.12 -37.09	53.08 -0.20 -56.06	39.70 0.04 -39.64	33.17 2.24 -6.78	28.19 2.40 -0.60	24.92 2.17 -0.77

WDELAWARE___HYD 323627	36.88 1.85 0.00	31.22 1.52 0.00	24.81 1.18 0.00	24.20 1.11 0.00	22.36 1.01 0.00	19.63 0.97 0.00	18.65 1.02 0.00	24.27 1.42 0.00	25.83 1.51 0.00	27.70 1.60 0.00	33.18 1.81 0.00	33.21 1.79 0.00	31.34 1.81 0.00	28.03 1.60 0.00	28.66 1.52 -1.12	25.57 1.00 -8.79	30.17 0.31 -24.16	30.87 0.53 -21.65	47.75 0.92 -32.28	45.84 -0.18 -48.80	34.52 0.00 -34.50	31.78 1.72 -5.90	27.43 1.72 -0.52	24.14 1.49 -0.67
WEST BABYLON___IC 23714	37.40 2.37 0.00	31.87 2.17 0.00	25.30 1.67 0.00	24.62 1.54 0.00	22.78 1.44 0.00	20.01 1.35 0.00	19.08 1.46 0.00	24.74 1.90 0.00	26.32 2.00 0.00	29.17 2.16 -0.91	36.79 2.50 -2.92	33.97 2.54 0.00	31.90 2.36 0.00	28.60 2.17 0.00	29.46 2.16 -1.28	27.14 1.25 -10.10	33.90 0.44 -27.75	34.19 0.62 -24.88	52.69 1.05 -37.09	53.09 -0.19 -56.06	39.70 0.04 -39.63	33.03 2.10 -6.78	28.03 2.24 -0.60	24.78 2.02 -0.77
WEST CANADA___HYD 24049	35.16 0.13 0.00	29.79 0.09 0.00	23.70 0.07 0.00	23.16 0.08 0.00	21.41 0.07 0.00	18.73 0.07 0.00	17.69 0.07 0.00	22.94 0.09 0.00	24.42 0.10 0.00	26.20 0.10 0.00	31.47 0.10 0.00	31.51 0.09 0.00	29.62 0.09 0.00	26.50 0.07 0.00	26.13 0.07 -0.03	16.08 0.05 -0.25	6.41 0.03 -0.68	9.33 0.03 -0.61	15.52 0.06 -0.91	-1.41 -0.01 -1.38	0.99 0.00 -0.97	24.40 0.08 -0.17	25.28 0.08 -0.02	22.07 0.07 -0.02
WESTERN_NY_WIND 24143	35.29 0.26 0.00	29.78 0.08 0.00	23.69 0.06 0.00	22.77 -0.31 0.00	21.01 -0.34 0.00	18.36 -0.30 0.00	17.28 -0.34 0.00	22.39 -0.46 0.00	23.62 -0.70 0.00	25.45 -0.65 0.00	30.91 -0.46 0.00	31.05 -0.37 0.00	29.76 0.22 0.00	26.52 0.09 0.00	26.34 -0.03 -0.34	18.46 -0.03 -2.71	13.06 -0.09 -7.44	15.38 0.02 -6.67	24.48 -0.01 -9.95	12.18 -0.08 -15.04	10.61 -0.04 -10.63	26.22 0.25 -1.82	25.62 0.27 -0.16	22.55 0.36 -0.21
WESTOVER___LESR 323668	35.71 0.68 0.00	30.19 0.50 0.00	24.01 0.37 0.00	23.33 0.24 0.00	21.53 0.18 0.00	18.85 0.19 0.00	17.79 0.17 0.00	23.15 0.30 0.00	24.55 0.22 0.00	26.29 0.19 0.00	31.56 0.19 0.00	31.57 0.16 0.00	29.93 0.39 0.00	26.76 0.33 0.00	26.86 0.27 -0.57	20.46 0.17 -4.50	18.15 0.07 -12.37	19.88 0.10 -11.09	31.31 0.23 -16.54	22.18 -0.04 -25.00	17.69 -0.01 -17.67	27.63 0.45 -3.02	25.86 0.40 -0.27	22.70 0.37 -0.34
WETHRSFD_WT_PWR 323626	34.83 -0.20 0.00	29.51 -0.19 0.00	23.48 -0.15 0.00	22.53 -0.55 0.00	20.71 -0.64 0.00	18.09 -0.56 0.00	16.99 -0.63 0.00	21.98 -0.87 0.00	23.04 -1.28 0.00	24.69 -1.40 0.00	29.80 -1.57 0.00	29.86 -1.56 0.00	28.74 -0.80 0.00	25.55 -0.88 0.00	25.36 -1.06 -0.40	18.33 -0.62 -3.17	14.11 -0.30 -8.71	16.14 -0.35 -7.80	25.62 -0.57 -11.63	14.87 0.06 -17.58	12.42 -0.04 -12.43	25.55 -0.73 -2.13	24.65 -0.73 -0.19	21.80 -0.43 -0.24
WHAVSTOR_138KV_BK127 55557	36.32 1.29 0.00	30.78 1.09 0.00	24.48 0.84 0.00	23.86 0.78 0.00	22.05 0.70 0.00	19.37 0.71 0.00	18.41 0.78 0.00	23.91 1.06 0.00	25.42 1.10 0.00	27.22 1.13 0.00	32.58 1.21 0.00	32.65 1.24 0.00	30.85 1.32 0.00	27.65 1.22 0.00	28.37 1.17 -1.18	25.79 0.72 -9.29	31.46 0.23 -25.52	31.94 0.37 -22.88	49.29 0.63 -34.11	48.65 -0.13 -51.56	36.47 0.00 -36.45	31.68 1.29 -6.24	27.02 1.28 -0.55	23.82 1.13 -0.71
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.32 1.29 0.00	30.78 1.09 0.00	24.48 0.84 0.00	23.86 0.78 0.00	22.05 0.70 0.00	19.37 0.71 0.00	18.41 0.78 0.00	23.91 1.06 0.00	25.42 1.10 0.00	27.22 1.13 0.00	32.58 1.21 0.00	32.65 1.24 0.00	30.85 1.32 0.00	27.65 1.22 0.00	28.37 1.17 -1.18	25.79 0.72 -9.29	31.46 0.23 -25.52	31.94 0.37 -22.88	49.29 0.63 -34.11	48.65 -0.13 -51.56	36.47 0.00 -36.45	31.68 1.29 -6.24	27.02 1.28 -0.55	23.82 1.13 -0.71
WHITEHAL_115KV_TB1 80871	37.84 2.81 0.00	31.88 2.18 0.00	25.18 1.55 0.00	24.80 1.71 0.00	23.02 1.68 0.00	20.18 1.53 0.00	18.78 1.16 0.00	24.21 1.36 0.00	26.12 1.79 0.00	27.88 1.79 0.00	33.59 2.21 0.00	34.14 2.72 0.00	32.22 2.68 0.00	28.90 2.47 0.00	29.92 2.31 -1.59	29.79 1.48 -12.52	40.72 0.61 -34.41	40.34 0.81 -30.84	61.83 1.30 -45.98	66.50 -0.24 -69.50	49.13 -0.03 -49.14	34.14 1.58 -8.41	27.62 1.69 -0.74	24.47 1.52 -0.96
WHITEPLN_13_KV_LOAD 356215	36.79 1.76 0.00	31.17 1.47 0.00	24.79 1.16 0.00	24.18 1.10 0.00	22.35 1.00 0.00	19.61 0.95 0.00	18.64 1.02 0.00	24.17 1.33 0.00	25.77 1.45 0.00	27.62 1.53 0.00	33.08 1.71 0.00	33.16 1.74 0.00	31.33 1.80 0.00	28.08 1.65 0.00	28.88 1.58 -1.28	26.83 0.96 -10.08	33.74 0.32 -27.71	34.03 0.50 -24.84	52.42 0.84 -37.03	53.04 -0.17 -55.98	39.60 0.00 -39.58	32.55 1.62 -6.77	27.43 1.64 -0.60	24.19 1.43 -0.77
WM_FLOYD_69_KV_BK2 356380	37.71 2.68 0.00	32.15 2.46 0.00	25.51 1.88 0.00	24.83 1.75 0.00	22.97 1.62 0.00	20.17 1.52 0.00	19.25 1.63 0.00	24.96 2.11 0.00	26.57 2.25 0.00	35.91 2.45 -7.36	58.67 2.80 -24.50	34.28 2.84 -0.02	32.16 2.62 0.00	28.77 2.34 0.00	29.67 2.36 -1.28	27.30 1.41 -10.10	33.96 0.50 -27.75	34.30 0.73 -24.88	52.87 1.23 -37.09	53.06 -0.23 -56.06	39.70 0.04 -39.64	33.29 2.35 -6.78	28.32 2.52 -0.60	25.03 2.28 -0.77
WOODARD___115KV_TB2 355635	34.91 -0.12 0.00	29.52 -0.18 0.00	23.50 -0.13 0.00	22.88 -0.20 0.00	21.14 -0.21 0.00	18.48 -0.18 0.00	17.45 -0.18 0.00	22.64 -0.21 0.00	24.06 -0.26 0.00	25.81 -0.28 0.00	31.04 -0.33 0.00	31.09 -0.33 0.00	29.37 -0.17 0.00	26.29 -0.15 0.00	26.19 -0.10 -0.27	17.86 -0.06 -2.13	11.53 -0.03 -5.85	13.91 -0.02 -5.25	22.35 -0.03 -7.82	9.05 0.00 -11.82	8.37 -0.01 -8.36	25.56 -0.02 -1.43	25.26 -0.05 -0.13	22.09 -0.06 -0.16
YORK___WARBASSE 23770	36.58 1.55 0.00	31.07 1.38 0.00	24.72 1.09 0.00	24.11 1.02 0.00	22.29 0.94 0.00	19.55 0.89 0.00	18.60 0.98 0.00	24.10 1.26 0.00	25.73 1.41 0.00	27.57 1.47 0.00	32.98 1.61 0.00	33.03 1.61 0.00	31.27 1.73 0.00	28.02 1.59 0.00	28.82 1.51 -1.28	26.80 0.92 -10.10	33.78 0.33 -27.75	34.03 0.47 -24.87	52.37 0.73 -37.08	53.14 -0.14 -56.06	39.66 0.01 -39.63	32.51 1.57 -6.78	27.40 1.61 -0.60	24.15 1.39 -0.77