

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/15/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	36.51	34.07	32.67	32.06	33.46	36.07	42.45	46.89	45.90	40.94	38.63	36.29	32.67	32.26	31.42	32.41	34.03	39.79	48.55	53.77	47.24	38.42	35.78	33.97
24138	2.03	1.95	1.69	1.76	1.82	1.97	2.18	2.12	2.65	2.86	2.60	2.25	2.17	2.18	2.07	2.07	2.23	2.85	3.13	3.40	3.17	2.59	1.80	1.96
	0.00	-0.69	-2.25	-1.45	-1.83	-2.78	-6.65	-11.14	-5.96	0.00	0.00	0.00	0.00	-0.99	-1.44	-3.44	0.00	-1.36	-5.33	-7.31	-2.93	-0.89	-7.83	-4.02
74TH STREET_GT_1	36.62	34.07	32.75	32.06	33.46	36.07	42.45	46.99	45.94	40.86	38.70	36.43	32.70	32.85	32.10	32.44	34.22	39.79	48.55	53.82	47.28	38.46	35.89	34.02
24260	2.14	1.95	1.78	1.76	1.82	1.97	2.18	2.22	2.69	2.78	2.67	2.38	2.20	2.18	2.12	2.10	2.42	2.85	3.13	3.44	3.21	2.62	1.91	2.02
	0.00	-0.69	-2.25	-1.45	-1.83	-2.78	-6.65	-11.14	-5.96	0.00	0.00	0.00	0.00	-1.58	-2.07	-3.45	0.00	-1.36	-5.33	-7.31	-2.93	-0.89	-7.83	-4.02
74TH STREET_GT_2	36.62	34.07	32.75	32.06	33.46	36.07	42.45	46.99	45.94	40.86	38.70	36.43	32.70	32.85	32.10	32.44	34.22	39.79	48.55	53.82	47.28	38.46	35.89	34.02
24261	2.14	1.95	1.78	1.76	1.82	1.97	2.18	2.22	2.69	2.78	2.67	2.38	2.20	2.18	2.12	2.10	2.42	2.85	3.13	3.44	3.21	2.62	1.91	2.02
	0.00	-0.69	-2.25	-1.45	-1.83	-2.78	-6.65	-11.14	-5.96	0.00	0.00	0.00	0.00	-1.58	-2.07	-3.45	0.00	-1.36	-5.33	-7.31	-2.93	-0.89	-7.83	-4.02
ADK HUDSON___FALLS	36.51	34.14	33.21	32.33	33.84	36.62	43.90	49.74	47.00	40.41	37.94	35.78	31.94	30.43	29.70	32.48	33.39	39.35	49.26	54.93	47.36	38.09	37.48	34.68
24011	2.03	1.85	1.67	1.67	1.73	1.82	1.95	2.15	2.24	2.32	1.91	1.74	1.43	1.34	1.31	1.29	1.59	2.06	2.49	2.71	2.55	2.03	1.52	1.65
	0.00	-0.86	-2.82	-1.81	-2.30	-3.49	-8.34	-13.96	-7.46	0.00	0.00	0.00	0.00	0.00	-0.48	-4.29	0.00	-1.70	-6.68	-9.16	-3.67	-1.11	-9.81	-5.04
ADK RESOURCE___RCVRY	36.65	34.24	33.30	32.42	33.93	36.75	44.04	49.89	47.16	40.60	38.09	35.88	32.00	30.51	29.79	32.56	33.42	39.43	49.42	55.16	47.57	38.23	37.59	34.77
23798	2.17	1.95	1.75	1.76	1.82	1.94	2.08	2.29	2.39	2.51	2.05	1.84	1.49	1.43	1.40	1.37	1.62	2.14	2.65	2.93	2.76	2.17	1.62	1.74
	0.00	-0.86	-2.83	-1.81	-2.30	-3.49	-8.34	-13.97	-7.47	0.00	0.00	0.00	0.00	0.00	-0.48	-4.30	0.00	-1.70	-6.69	-9.17	-3.67	-1.11	-9.82	-5.04
ADK S GLENS___FALLS	36.51	34.14	33.21	32.33	33.84	36.62	43.90	49.74	47.00	40.41	37.94	35.78	31.94	30.43	29.70	32.48	33.39	39.35	49.26	54.93	47.36	38.09	37.48	34.68
24028	2.03	1.85	1.67	1.67	1.73	1.82	1.95	2.15	2.24	2.32	1.91	1.74	1.43	1.34	1.31	1.29	1.59	2.06	2.49	2.71	2.55	2.03	1.52	1.65
	0.00	-0.86	-2.82	-1.81	-2.30	-3.49	-8.34	-13.96	-7.46	0.00	0.00	0.00	0.00	0.00	-0.48	-4.29	0.00	-1.70	-6.68	-9.16	-3.67	-1.11	-9.81	-5.04
ADK_NYS___DAM	36.41	34.02	33.02	32.21	33.69	36.37	43.51	48.95	46.44	39.99	37.66	35.61	31.91	30.49	29.72	32.38	33.33	39.12	48.70	54.10	46.86	37.98	37.11	34.45
23527	1.93	1.76	1.58	1.61	1.67	1.69	1.85	1.85	1.94	1.90	1.62	1.57	1.40	1.40	1.34	1.34	1.53	1.89	2.16	2.19	2.18	1.96	1.49	1.59
	0.00	-0.83	-2.72	-1.75	-2.22	-3.37	-8.05	-13.47	-7.20	0.00	0.00	0.00	0.00	0.00	-0.46	-4.14	0.00	-1.64	-6.45	-8.84	-3.54	-1.07	-9.47	-4.86
AIR_PRODUCTS___DRP	35.82	33.46	32.52	31.67	33.14	35.85	42.90	48.40	45.87	39.46	37.26	35.20	31.57	30.14	29.38	32.02	32.98	38.62	48.13	53.61	46.30	37.39	36.65	33.96
24190	1.34	1.19	1.06	1.07	1.10	1.16	1.21	1.24	1.34	1.37	1.23	1.16	1.07	1.05	1.00	0.97	1.18	1.39	1.56	1.68	1.60	1.36	0.99	1.09
	0.00	-0.83	-2.73	-1.75	-2.23	-3.38	-8.08	-13.52	-7.23	0.00	0.00	0.00	0.00	0.00	-0.47	-4.16	0.00	-1.65	-6.47	-8.87	-3.55	-1.08	-9.50	-4.88
AKWESSNE_115KV_BK	34.51	31.49	28.86	28.97	29.90	31.37	33.65	33.60	37.30	38.08	36.11	34.15	30.57	29.15	27.88	26.81	31.64	35.38	39.81	42.76	40.85	34.78	26.10	27.91
355683	0.03	0.06	0.14	0.12	0.09	0.06	0.03	-0.03	0.00	0.00	0.07	0.10	0.06	0.06	-0.03	-0.08	-0.16	-0.21	-0.28	-0.30	-0.29	-0.17	-0.05	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	35.99	33.57	32.56	31.81	33.19	35.85	42.86	48.23	45.75	39.45	37.15	35.00	31.33	29.90	29.12	31.74	32.79	38.53	48.10	53.59	46.36	37.44	36.57	33.93
323833	1.52	1.32	1.15	1.24	1.19	1.22	1.31	1.31	1.34	1.37	1.12	0.95	0.82	0.81	0.75	0.75	0.99	1.32	1.64	1.81	1.73	1.43	1.07	1.15
	0.00	-0.82	-2.69	-1.73	-2.19	-3.32	-7.94	-13.29	-7.11	0.00	0.00	0.00	0.00	0.00	-0.46	-4.09	0.00	-1.62	-6.36	-8.72	-3.49	-1.06	-9.34	-4.80
ALBANY_2_SOLAR	35.96	33.57	32.56	31.82	33.19	35.85	42.83	48.20	45.71	39.45	37.15	34.97	31.33	29.90	29.12	31.74	32.79	38.53	48.06	53.55	46.36	37.44	36.57	33.93
323834	1.48	1.32	1.15	1.24	1.19	1.22	1.28	1.28	1.30	1.37	1.12	0.92	0.82	0.81	0.75	0.75	0.99	1.32	1.61	1.77	1.73	1.43	1.07	1.15
	0.00	-0.82	-2.69	-1.73	-2.19	-3.32	-7.94	-13.29	-7.11	0.00	0.00	0.00	0.00	0.00	-0.46	-4.09	0.00	-1.62	-6.36	-8.73	-3.49	-1.06	-9.34	-4.80
ALBANY___1	35.82	33.46	32.52	31.67	33.14	35.85	42.90	48.40	45.87	39.46	37.26	35.20	31.57	30.14	29.38	32.02	32.98	38.62	48.13	53.61	46.30	37.39	36.65	33.96
23571	1.34	1.19	1.06	1.07	1.10	1.16	1.21	1.24	1.34	1.37	1.23	1.16	1.07	1.05	1.00	0.97	1.18	1.39	1.56	1.68	1.60	1.36	0.99	1.09
	0.00	-0.83	-2.73	-1.75	-2.23	-3.38	-8.08	-13.52	-7.23	0.00	0.00	0.00	0.00	0.00	-0.47	-4.16	0.00	-1.65	-6.47	-8.87	-3.55	-1.08	-9.50	-4.88

ALBANY___2 23572	35.82 1.34 0.00	33.46 1.19 -0.83	32.52 1.06 -2.73	31.67 1.07 -1.75	33.14 1.10 -2.23	35.85 1.16 -3.38	42.90 1.21 -8.08	48.40 1.24 -13.52	45.87 1.34 -7.23	39.46 1.37 0.00	37.26 1.23 0.00	35.20 1.16 0.00	31.57 1.07 0.00	30.14 1.05 0.00	29.38 1.00 -0.47	32.02 0.97 -4.16	32.98 1.18 0.00	38.62 1.39 -1.65	48.13 1.56 -6.47	53.61 1.68 -8.87	46.30 1.60 -3.55	37.39 1.36 -1.08	36.65 0.99 -9.50	33.96 1.09 -4.88
ALBANY___3 23573	35.82 1.34 0.00	33.46 1.19 -0.83	32.52 1.06 -2.73	31.67 1.07 -1.75	33.14 1.10 -2.23	35.85 1.16 -3.38	42.90 1.21 -8.08	48.40 1.24 -13.52	45.87 1.34 -7.23	39.46 1.37 0.00	37.26 1.23 0.00	35.20 1.16 0.00	31.57 1.07 0.00	30.14 1.05 0.00	29.38 1.00 -0.47	32.02 0.97 -4.16	32.98 1.18 0.00	38.62 1.39 -1.65	48.13 1.56 -6.47	53.61 1.68 -8.87	46.30 1.60 -3.55	37.39 1.36 -1.08	36.65 0.99 -9.50	33.96 1.09 -4.88
ALBANY___4 23574	35.82 1.34 0.00	33.46 1.19 -0.83	32.52 1.06 -2.73	31.67 1.07 -1.75	33.14 1.10 -2.23	35.85 1.16 -3.38	42.90 1.21 -8.08	48.40 1.24 -13.52	45.87 1.34 -7.23	39.46 1.37 0.00	37.26 1.23 0.00	35.20 1.16 0.00	31.57 1.07 0.00	30.14 1.05 0.00	29.38 1.00 -0.47	32.02 0.97 -4.16	32.98 1.18 0.00	38.62 1.39 -1.65	48.13 1.56 -6.47	53.61 1.68 -8.87	46.30 1.60 -3.55	37.39 1.36 -1.08	36.65 0.99 -9.50	33.96 1.09 -4.88
ALBANY___LFGE 323615	35.93 1.45 0.00	33.59 1.32 -0.84	32.66 1.18 -2.76	31.83 1.21 -1.77	33.28 1.22 -2.25	36.01 1.28 -3.41	43.11 1.35 -8.15	48.65 1.38 -13.64	46.09 1.49 -7.29	39.65 1.56 0.00	37.40 1.37 0.00	35.31 1.26 0.00	31.70 1.19 0.00	30.25 1.16 0.00	29.50 1.12 -0.47	32.17 1.08 -4.20	33.04 1.24 0.00	38.78 1.53 -1.66	48.38 1.76 -6.53	53.86 1.85 -8.95	46.53 1.81 -3.58	37.54 1.50 -1.09	36.86 1.12 -9.59	34.11 1.20 -4.92
ALCOA_PA_115KV_PL-6C 55860	34.58 0.10 0.00	31.56 0.13 0.00	28.95 0.23 0.00	29.02 0.17 0.00	29.99 0.18 0.00	31.47 0.16 0.00	33.71 0.10 0.00	33.66 0.03 0.00	37.37 0.07 0.00	38.16 0.08 0.00	36.14 0.11 0.00	34.22 0.17 0.00	30.66 0.15 0.00	29.21 0.12 0.00	27.94 0.03 0.00	26.87 -0.03 0.00	31.71 -0.10 0.00	35.45 -0.14 0.00	39.89 -0.20 0.00	42.89 -0.17 0.00	40.98 -0.16 0.00	34.85 -0.10 0.00	26.15 0.00 0.00	27.96 -0.03 0.00
ALCOA_RYNLDS___DRP 24188	34.58 0.10 0.00	31.56 0.13 0.00	28.95 0.23 0.00	29.02 0.17 0.00	29.99 0.18 0.00	31.47 0.16 0.00	33.71 0.10 0.00	33.66 0.03 0.00	37.37 0.07 0.00	38.16 0.08 0.00	36.14 0.11 0.00	34.22 0.17 0.00	30.66 0.15 0.00	29.21 0.12 0.00	27.94 0.03 0.00	26.87 -0.03 0.00	31.71 -0.10 0.00	35.45 -0.14 0.00	39.89 -0.20 0.00	42.89 -0.17 0.00	40.98 -0.16 0.00	34.85 -0.10 0.00	26.15 0.00 0.00	27.96 -0.03 0.00
ALCOA___DSASP 323711	34.58 0.10 0.00	31.53 0.09 0.00	28.92 0.20 0.00	29.02 0.17 0.00	29.96 0.15 0.00	31.44 0.13 0.00	33.71 0.10 0.00	33.66 0.03 0.00	37.37 0.07 0.00	38.16 0.08 0.00	36.14 0.11 0.00	34.18 0.14 0.00	30.66 0.15 0.00	29.21 0.12 0.00	27.94 0.03 0.00	26.84 -0.05 0.00	31.71 -0.10 0.00	35.34 -0.25 0.00	39.81 -0.28 0.00	42.85 -0.21 0.00	40.90 -0.25 0.00	34.78 -0.17 0.00	26.07 -0.08 0.00	27.96 -0.03 0.00
ALLEGHENY___COGEN 23514	32.96 -1.79 -0.28	29.85 -1.64 -0.05	27.11 -1.72 -0.11	27.26 -1.67 -0.08	28.55 -1.70 -0.44	30.29 -1.69 -0.67	33.35 -1.75 -1.48	43.27 -1.71 -11.36	47.14 -2.24 -12.08	47.56 -2.51 -11.99	44.97 -2.49 -11.42	42.81 -2.11 -10.87	38.03 -2.38 -9.90	36.22 -2.38 -9.52	34.96 -2.18 -9.22	33.33 -1.94 -8.38	40.00 -1.85 -10.05	44.86 -2.13 -11.40	50.62 -1.76 -12.29	54.97 -1.85 -13.76	52.65 -1.52 -13.03	44.67 -1.50 -11.22	26.59 -1.25 -1.70	26.68 -1.48 -0.17
ALTAMONT_115KV_TB 2 55880	35.55 1.07 0.00	33.24 0.97 -0.83	32.32 0.86 -2.73	31.47 0.87 -1.75	32.96 0.92 -2.23	35.63 0.94 -3.38	42.69 1.01 -8.07	48.19 1.04 -13.52	45.65 1.12 -7.23	39.23 1.14 0.00	37.04 1.01 0.00	34.97 0.92 0.00	31.39 0.88 0.00	29.96 0.87 0.00	29.22 0.84 -0.47	31.86 0.81 -4.16	32.79 0.99 0.00	38.41 1.17 -1.65	47.88 1.32 -6.47	53.35 1.42 -8.87	46.05 1.36 -3.55	37.18 1.15 -1.08	36.49 0.84 -9.50	33.79 0.92 -4.88
ALTONA_WT_PWR 323606	34.58 0.10 0.00	31.43 0.00 0.00	28.84 0.12 0.00	28.99 0.14 0.00	29.96 0.15 0.00	31.41 0.09 0.00	33.58 -0.03 0.00	33.50 -0.13 0.00	37.26 -0.04 0.00	38.31 0.23 0.00	36.43 0.40 0.00	34.46 0.41 0.00	30.78 0.27 0.00	29.12 0.03 0.00	27.63 -0.28 0.00	26.36 -0.54 0.00	31.07 -0.73 0.00	34.42 -1.17 0.00	38.57 -1.52 0.00	41.47 -1.59 0.00	39.41 -1.73 0.00	33.38 -1.57 0.00	24.98 -1.18 0.00	26.82 -1.17 0.00
AMERICAN_REF_FUEL 24010	29.63 -4.69 0.16	27.32 -4.18 -0.07	24.90 -4.02 -0.20	24.94 -4.04 -0.13	25.66 -4.14 0.00	26.97 -4.32 0.02	28.94 -4.64 0.04	24.74 -4.54 4.35	26.84 -5.26 5.20	26.86 -5.48 5.74	25.71 -4.87 5.46	24.97 -3.88 5.20	21.72 -4.06 4.73	20.56 -3.98 4.55	19.81 -3.74 4.37	19.79 -3.44 3.67	23.28 -3.72 4.80	25.64 -4.63 5.32	29.68 -5.05 5.36	31.37 -5.81 5.88	29.72 -5.47 5.95	25.06 -4.61 5.28	22.73 -3.40 0.03	24.63 -3.70 -0.34
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.62 -4.72 0.13	27.17 -4.34 -0.07	24.89 -4.02 -0.19	24.92 -4.07 -0.13	25.67 -4.17 -0.04	26.94 -4.41 -0.04	28.90 -4.81 -0.10	26.06 -4.51 3.06	28.44 -5.07 3.79	28.57 -5.22 4.29	27.08 -4.87 4.09	25.76 -4.39 3.89	22.85 -4.12 3.54	21.76 -3.93 3.40	20.88 -3.77 3.26	20.69 -3.52 2.68	24.11 -4.10 3.59	27.01 -4.63 3.96	31.08 -5.09 3.92	33.23 -5.55 4.27	31.59 -5.14 4.40	26.54 -4.47 3.94	22.90 -3.37 -0.13	24.54 -3.78 -0.33
ARTHUR KILL_GT_1 23520	52.30 2.28 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.38 1.93 -1.59	33.75 2.00 -1.95	51.65 2.10 -18.24	52.30 2.29 -16.40	52.33 2.22 -16.48	53.01 2.83 -12.88	53.02 2.97 -11.96	53.33 2.48 -14.81	53.01 2.18 -16.78	53.32 2.04 -20.77	53.32 2.01 -22.22	54.53 1.98 -24.64	55.68 1.96 -26.83	54.52 2.16 -20.55	56.96 2.70 -18.66	56.97 2.97 -13.91	59.27 3.45 -12.76	56.97 3.04 -12.79	53.33 2.76 -15.62	52.99 1.96 -24.88	52.31 2.21 -22.11
ARTHUR_KILL_2 23512	52.23 2.21 -15.54	49.58 2.11 -16.04	40.77 1.92 -10.12	32.32 1.87 -1.59	33.69 1.94 -1.95	51.59 2.03 -18.24	52.23 2.22 -16.40	52.23 2.12 -16.48	52.94 2.76 -12.88	52.94 2.89 -11.96	53.26 2.41 -14.81	52.94 2.11 -16.78	53.26 1.98 -20.77	53.26 1.95 -22.22	54.45 1.90 -24.64	55.63 1.91 -26.83	54.45 2.10 -20.55	56.85 2.60 -18.66	56.85 2.85 -13.91	59.14 3.32 -12.76	56.85 2.92 -12.79	53.26 2.69 -15.62	52.94 1.91 -24.88	52.23 2.13 -22.11
ARTHUR_KILL_3 23513	51.81 1.79 -15.53	49.10 1.63 -16.03	40.33 1.49 -10.12	31.90 1.47 -1.58	33.29 1.55 -1.94	51.21 1.66 -18.24	51.85 1.85 -16.39	51.98 1.88 -16.47	52.45 2.28 -12.87	52.51 2.47 -11.95	53.15 2.31 -14.80	52.86 2.04 -16.77	53.22 1.95 -20.76	53.25 1.95 -22.21	54.44 1.90 -24.63	55.54 1.83 -26.82	54.35 2.00 -20.54	56.81 2.56 -18.65	56.80 2.81 -13.90	58.83 3.01 -12.76	56.72 2.80 -12.78	52.83 2.27 -15.61	52.67 1.65 -24.87	51.80 1.71 -22.11

ARTHUR_KILL_COGEN 323718	52.30 2.28 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.38 1.93 -1.59	33.75 2.00 -1.95	51.65 2.10 -18.24	52.30 2.29 -16.40	52.33 2.22 -16.48	53.01 2.83 -12.88	53.02 2.97 -11.96	53.33 2.48 -14.81	53.01 2.18 -16.78	53.32 2.04 -20.77	53.32 2.01 -22.22	54.53 1.98 -24.64	55.68 1.96 -26.83	54.52 2.16 -20.55	56.96 2.70 -18.66	56.97 2.97 -13.91	59.27 3.45 -12.76	56.97 3.04 -12.79	53.33 2.76 -15.62	52.99 1.96 -24.88	52.31 2.21 -22.11
ASHOKAN____ 23654	36.79 2.31 0.00	33.51 1.32 -0.76	31.40 0.17 -2.51	32.36 1.90 -1.61	32.03 0.18 -2.04	34.66 0.25 -3.10	41.28 0.27 -7.40	46.16 0.14 -12.39	44.07 0.15 -6.63	39.76 1.67 0.00	37.44 1.40 0.00	35.20 1.16 0.00	31.57 1.07 0.00	30.14 1.05 0.00	28.56 0.22 -0.43	30.55 -0.16 -3.81	32.98 1.18 0.00	37.24 0.14 -1.51	46.46 0.44 -5.93	51.92 0.73 -8.13	45.38 0.99 -3.25	36.36 0.42 -0.99	34.99 0.13 -8.71	32.71 0.25 -4.47
ASTORIA_EAST_ENERGY_CC1 323581	36.42 1.93 -0.01	34.04 1.92 -0.69	32.53 1.55 -2.26	31.98 1.67 -1.45	33.41 1.76 -1.84	36.01 1.91 -2.79	42.21 1.95 -6.64	46.78 2.02 -11.13	45.71 2.46 -5.95	40.82 2.74 0.01	38.62 2.60 0.01	36.32 2.28 0.01	32.72 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.43 2.10 -3.44	34.05 2.26 0.01	39.72 2.78 -1.35	48.38 2.97 -5.32	53.72 3.36 -7.30	47.06 3.00 -2.92	38.24 2.41 -0.88	35.77 1.78 -7.84	33.95 1.93 -4.03
ASTORIA_EAST_ENERGY_CC2 323582	36.42 1.93 -0.01	34.04 1.92 -0.69	32.53 1.55 -2.26	31.98 1.67 -1.45	33.41 1.76 -1.84	36.01 1.91 -2.79	42.21 1.95 -6.64	46.78 2.02 -11.13	45.71 2.46 -5.95	40.82 2.74 0.01	38.62 2.60 0.01	36.32 2.28 0.01	32.72 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.41 2.07 -3.44	34.05 2.26 0.01	39.72 2.78 -1.35	48.38 2.97 -5.32	53.72 3.36 -7.30	47.06 3.00 -2.92	38.24 2.41 -0.88	35.77 1.78 -7.84	33.98 1.96 -4.03
ASTORIA_GT2_1 24094	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
ASTORIA_GT2_2 24095	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
ASTORIA_GT2_3 24096	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
ASTORIA_GT2_4 24097	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
ASTORIA_GT3_1 24098	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
ASTORIA_GT3_2 24099	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
ASTORIA_GT3_3 24100	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
ASTORIA_GT3_4 24101	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
ASTORIA_GT4_1 24102	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
ASTORIA_GT4_2 24103	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
ASTORIA_GT4_3 24104	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03

ASTORIA_GT4_4 24105	36.42 1.93 -0.01	34.01 1.89 -0.69	32.59 1.61 -2.26	31.92 1.62 -1.46	33.35 1.70 -1.84	35.92 1.82 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.74 2.67 0.01	38.66 2.63 0.01	36.35 2.32 0.01	32.73 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.46 2.12 -3.44	34.18 2.39 0.01	39.71 2.78 -1.35	48.38 2.97 -5.32	53.77 3.40 -7.30	47.14 3.09 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
ASTORIA_GT_1 23523	36.45 1.96 -0.01	34.07 1.95 -0.69	32.59 1.61 -2.26	32.03 1.73 -1.45	33.47 1.82 -1.84	36.05 1.94 -2.79	42.27 2.02 -6.64	46.85 2.09 -11.13	45.79 2.54 -5.95	40.89 2.82 0.01	38.69 2.67 0.01	36.35 2.32 0.01	32.79 2.29 0.01	32.65 2.27 -1.29	31.88 2.20 -1.76	32.46 2.12 -3.44	34.11 2.32 0.01	39.79 2.85 -1.35	48.46 3.05 -5.32	53.81 3.45 -7.30	47.15 3.09 -2.92	38.31 2.48 -0.88	35.82 1.83 -7.84	34.00 1.99 -4.03
ASTORIA_GT_10 24110	37.23 2.17 -0.58	34.10 1.98 -0.69	33.08 1.81 -2.55	32.10 1.79 -1.46	33.50 1.85 -1.84	36.67 2.00 -3.36	42.85 2.22 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.79 2.78 -1.92	41.08 2.67 -2.38	39.13 2.38 -2.70	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.53 2.42 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.44 -43.62	48.90 3.25 -4.51	39.04 2.66 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
ASTORIA_GT_11 24225	37.23 2.17 -0.58	34.10 1.98 -0.69	33.08 1.81 -2.55	32.10 1.79 -1.46	33.50 1.85 -1.84	36.67 2.00 -3.36	42.85 2.22 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.79 2.78 -1.92	41.08 2.67 -2.38	39.13 2.38 -2.70	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.53 2.42 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.44 -43.62	48.90 3.25 -4.51	39.04 2.66 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
ASTORIA_GT_12 24226	37.23 2.17 -0.58	34.10 1.98 -0.69	33.08 1.81 -2.55	32.10 1.79 -1.46	33.50 1.85 -1.84	36.67 2.00 -3.36	42.85 2.22 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.79 2.78 -1.92	41.08 2.67 -2.38	39.13 2.38 -2.70	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.53 2.42 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.44 -43.62	48.90 3.25 -4.51	39.04 2.66 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
ASTORIA_GT_13 24227	37.23 2.17 -0.58	34.10 1.98 -0.69	33.08 1.81 -2.55	32.10 1.79 -1.46	33.50 1.85 -1.84	36.67 2.00 -3.36	42.85 2.22 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.79 2.78 -1.92	41.08 2.67 -2.38	39.13 2.38 -2.70	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.53 2.42 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.44 -43.62	48.90 3.25 -4.51	39.04 2.66 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
ASTORIA_GT_5 24106	36.45 1.97 -0.01	34.04 1.92 -0.69	32.65 1.67 -2.26	31.95 1.64 -1.46	33.38 1.73 -1.84	35.95 1.85 -2.79	42.27 2.02 -6.64	46.85 2.09 -11.13	45.82 2.57 -5.95	40.82 2.74 0.01	38.69 2.67 0.01	36.42 2.38 0.01	32.76 2.26 0.01	32.65 2.27 -1.29	31.88 2.21 -1.76	32.49 2.15 -3.44	34.24 2.45 0.01	39.75 2.81 -1.35	48.46 3.05 -5.32	53.85 3.49 -7.30	47.19 3.13 -2.92	38.35 2.52 -0.88	35.85 1.86 -7.84	34.00 1.99 -4.03
ASTORIA_GT_7 24107	36.45 1.97 -0.01	34.04 1.92 -0.69	32.65 1.67 -2.26	31.95 1.64 -1.46	33.38 1.73 -1.84	35.95 1.85 -2.79	42.27 2.02 -6.64	46.85 2.09 -11.13	45.82 2.57 -5.95	40.82 2.74 0.01	38.69 2.67 0.01	36.42 2.38 0.01	32.76 2.26 0.01	32.65 2.27 -1.29	31.88 2.21 -1.76	32.49 2.15 -3.44	34.24 2.45 0.01	39.75 2.81 -1.35	48.46 3.05 -5.32	53.85 3.49 -7.30	47.19 3.13 -2.92	38.35 2.52 -0.88	35.85 1.86 -7.84	34.00 1.99 -4.03
ASTORIA_GT_8 24108	36.45 1.97 -0.01	34.04 1.92 -0.69	32.65 1.67 -2.26	31.95 1.64 -1.46	33.38 1.73 -1.84	35.95 1.85 -2.79	42.27 2.02 -6.64	46.85 2.09 -11.13	45.82 2.57 -5.95	40.82 2.74 0.01	38.69 2.67 0.01	36.42 2.38 0.01	32.76 2.26 0.01	32.65 2.27 -1.29	31.88 2.21 -1.76	32.49 2.15 -3.44	34.24 2.45 0.01	39.75 2.81 -1.35	48.46 3.05 -5.32	53.85 3.49 -7.30	47.19 3.13 -2.92	38.35 2.52 -0.88	35.85 1.86 -7.84	34.00 1.99 -4.03
ASTORIA___2 24149	36.42 1.93 -0.01	34.04 1.92 -0.69	32.56 1.58 -2.26	31.98 1.67 -1.45	33.44 1.79 -1.84	36.01 1.91 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.82 2.74 0.01	38.66 2.63 0.01	36.32 2.28 0.01	32.72 2.23 0.01	32.59 2.21 -1.29	31.83 2.15 -1.76	32.43 2.10 -3.44	34.05 2.26 0.01	39.72 2.78 -1.35	48.38 2.97 -5.32	53.76 3.40 -7.30	47.06 3.00 -2.92	38.28 2.45 -0.88	35.77 1.78 -7.84	33.98 1.96 -4.03
ASTORIA___3 23516	37.23 2.17 -0.58	34.14 2.01 -0.69	33.08 1.81 -2.55	32.13 1.82 -1.46	33.53 1.88 -1.84	36.68 2.01 -3.36	42.81 2.18 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.87 2.86 -1.92	41.08 2.67 -2.38	39.10 2.35 -2.70	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.43 2.32 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.45 -43.62	48.82 3.17 -4.51	39.01 2.62 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
ASTORIA___4 23517	37.23 2.17 -0.58	34.10 1.98 -0.69	33.08 1.81 -2.55	32.10 1.79 -1.46	33.50 1.85 -1.84	36.67 2.00 -3.36	42.85 2.22 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.79 2.78 -1.92	41.08 2.67 -2.38	39.13 2.38 -2.70	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.53 2.42 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.44 -43.62	48.90 3.25 -4.51	39.04 2.66 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
ASTORIA___5 23518	37.23 2.17 -0.58	34.14 2.01 -0.69	33.08 1.81 -2.55	32.13 1.82 -1.46	33.53 1.88 -1.84	36.68 2.01 -3.36	42.81 2.18 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.87 2.86 -1.92	41.08 2.67 -2.38	39.10 2.35 -2.70	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.43 2.32 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.45 -43.62	48.82 3.17 -4.51	39.01 2.62 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
AST_ENERGY_2_CC3 323677	36.48 2.00 0.00	33.97 1.85 -0.69	32.67 1.69 -2.25	31.97 1.67 -1.45	33.37 1.73 -1.83	35.94 1.85 -2.78	42.32 2.05 -6.65	46.82 2.05 -11.14	45.72 2.46 -5.96	40.71 2.63 0.00	38.49 2.45 0.00	36.19 2.15 0.00	32.58 2.08 0.00	32.46 2.07 -1.30	31.70 2.01 -1.77	32.30 1.96 -3.45	33.93 2.13 0.00	39.62 2.67 -1.36	48.35 2.93 -5.33	53.56 3.19 -7.31	47.03 2.96 -2.93	38.28 2.45 -0.89	35.76 1.78 -7.83	33.91 1.90 -4.02
AST_ENERGY_2_CC4 323678	36.48 2.00 0.00	33.97 1.85 -0.69	32.67 1.69 -2.25	31.97 1.67 -1.45	33.37 1.73 -1.83	35.94 1.85 -2.78	42.32 2.05 -6.65	46.82 2.05 -11.14	45.72 2.46 -5.96	40.71 2.63 0.00	38.49 2.45 0.00	36.19 2.15 0.00	32.58 2.08 0.00	32.46 2.07 -1.30	31.70 2.01 -1.77	32.30 1.96 -3.45	33.93 2.13 0.00	39.62 2.67 -1.36	48.35 2.93 -5.33	53.56 3.19 -7.31	47.03 2.96 -2.93	38.28 2.45 -0.89	35.76 1.78 -7.83	33.91 1.90 -4.02

ATHENS_STG_1 23668	35.65 1.17 0.00	33.28 1.10 -0.75	32.18 1.00 -2.46	31.41 0.98 -1.58	32.82 1.01 -2.00	35.44 1.10 -3.04	42.04 1.18 -7.25	46.95 1.18 -12.14	45.13 1.34 -6.49	39.49 1.41 0.00	37.29 1.26 0.00	35.17 1.12 0.00	31.60 1.10 0.00	30.19 1.11 0.00	29.39 1.06 -0.42	31.65 1.02 -3.74	32.95 1.14 0.00	38.53 1.46 -1.48	47.51 1.61 -5.81	52.76 1.72 -7.97	45.98 1.65 -3.19	37.32 1.40 -0.97	35.71 1.02 -8.54	33.44 1.06 -4.38
ATHENS_STG_2 23670	35.65 1.17 0.00	33.28 1.10 -0.75	32.18 1.00 -2.46	31.41 0.98 -1.58	32.82 1.01 -2.00	35.44 1.10 -3.04	42.04 1.18 -7.25	46.95 1.18 -12.14	45.13 1.34 -6.49	39.49 1.41 0.00	37.29 1.26 0.00	35.17 1.12 0.00	31.60 1.10 0.00	30.19 1.11 0.00	29.39 1.06 -0.42	31.65 1.02 -3.74	32.95 1.14 0.00	38.53 1.46 -1.48	47.51 1.61 -5.81	52.76 1.72 -7.97	45.98 1.65 -3.19	37.32 1.40 -0.97	35.71 1.02 -8.54	33.44 1.06 -4.38
ATHENS_STG_3 23677	35.65 1.17 0.00	33.28 1.10 -0.75	32.18 1.00 -2.46	31.41 0.98 -1.58	32.82 1.01 -2.00	35.44 1.10 -3.04	42.04 1.18 -7.25	46.95 1.18 -12.14	45.13 1.34 -6.49	39.49 1.41 0.00	37.29 1.26 0.00	35.17 1.12 0.00	31.60 1.10 0.00	30.19 1.11 0.00	29.39 1.06 -0.42	31.65 1.02 -3.74	32.95 1.14 0.00	38.53 1.46 -1.48	47.51 1.61 -5.81	52.76 1.72 -7.97	45.98 1.65 -3.19	37.32 1.40 -0.97	35.71 1.02 -8.54	33.44 1.06 -4.38
AUBURN___LFGE 323710	33.72 -0.79 -0.03	30.80 -0.75 -0.12	28.35 -0.78 -0.41	28.36 -0.75 -0.26	29.42 -0.75 -0.35	31.10 -0.75 -0.54	34.21 -0.71 -1.30	35.78 -0.67 -2.83	38.50 -0.75 -1.94	38.23 -0.72 -0.86	36.10 -0.76 -0.82	34.15 -0.68 -0.78	30.52 -0.70 -0.71	29.08 -0.70 -0.68	28.03 -0.61 -0.73	27.58 -0.54 -1.22	32.08 -0.45 -0.72	36.12 -0.53 -1.07	41.38 -0.56 -1.85	44.77 -0.60 -2.31	42.03 -0.58 -1.47	35.32 -0.59 -0.97	27.13 -0.55 -1.53	28.07 -0.64 -0.73
BABYLON_RES_REC 323704	36.72 2.24 0.00	34.26 2.14 -0.69	32.95 1.98 -2.25	32.23 1.93 -1.45	33.70 2.06 -1.83	36.35 2.26 -2.78	42.85 2.59 -6.65	49.39 2.69 -13.07	47.01 3.13 -6.58	41.09 3.01 0.00	38.92 2.88 0.00	36.43 2.38 0.00	32.67 2.17 0.00	31.33 2.15 -0.09	30.57 2.18 -0.48	32.59 2.26 -3.43	34.19 2.39 0.00	40.01 3.06 -1.36	48.79 3.37 -5.33	53.90 3.53 -7.31	47.48 3.41 -2.93	38.81 2.97 -0.89	36.18 2.20 -7.83	34.16 2.16 -4.02
BABYLON__69_KV_BK2 356345	37.07 2.59 0.00	34.44 2.33 -0.69	33.16 2.18 -2.25	32.52 2.22 -1.45	34.00 2.35 -1.83	36.66 2.57 -2.78	43.19 2.92 -6.65	49.80 3.09 -13.07	47.46 3.58 -6.58	41.28 3.20 0.00	39.13 3.10 0.00	36.84 2.79 0.00	32.89 2.38 0.00	31.59 2.41 -0.09	30.85 2.46 -0.48	32.83 2.50 -3.43	34.60 2.80 0.00	40.43 3.49 -1.36	49.35 3.93 -5.33	54.42 4.05 -7.31	48.18 4.11 -2.93	39.19 3.36 -0.89	36.52 2.54 -7.83	34.44 2.44 -4.02
BALL_HILL_WT_PWR 323825	30.44 -3.90 0.14	27.89 -3.61 -0.07	25.56 -3.36 -0.20	25.61 -3.38 -0.14	26.35 -3.49 -0.03	27.67 -3.66 -0.02	29.67 -4.00 -0.06	26.37 -3.73 3.52	28.74 -4.25 4.31	28.90 -4.34 4.84	27.39 -4.04 4.61	26.02 -3.64 4.39	23.07 -3.45 3.99	21.97 -3.29 3.84	21.11 -3.13 3.68	20.94 -2.91 3.05	24.41 -3.34 4.05	27.31 -3.81 4.47	31.47 -4.17 4.45	33.63 -4.57 4.86	31.92 -4.24 4.98	26.84 -3.67 4.44	23.47 -2.77 -0.09	25.20 -3.13 -0.34
BARON_WINDS___WT_PWR 323822	30.39 -3.00 1.09	28.73 -2.77 -0.06	26.27 -2.58 -0.13	26.38 -2.57 -0.10	26.10 -2.65 1.05	26.86 -2.76 1.70	26.86 -2.92 3.83	-6.00 -2.82 36.80	-6.00 -3.17 40.13	-6.00 -3.24 40.85	-6.00 -3.14 38.90	-6.00 -3.03 37.02	-6.00 -2.81 33.70	-6.00 -2.70 32.39	-6.00 -2.60 31.32	-3.42 -2.39 27.92	-5.10 -2.70 34.19	-6.00 -2.99 38.60	-4.20 -3.33 40.97	-6.00 -3.40 45.66	-6.00 -3.25 43.89	-6.00 -2.90 38.05	19.53 -2.28 4.35	25.68 -2.52 -0.21
BARRETT_IC_1 23704	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BARRETT_IC_10 23701	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BARRETT_IC_11 23702	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BARRETT_IC_12 23703	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BARRETT_IC_2 23705	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BARRETT_IC_3 23706	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BARRETT_IC_4 23707	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02

BARRETT_IC_5 23708	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BARRETT_IC_6 23709	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BARRETT_IC_7 23710	36.48 2.00 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.45 2.18 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.64 2.55 0.00	38.52 2.49 0.00	36.22 2.18 0.00	32.43 1.92 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.32 1.99 -3.43	34.03 2.23 0.00	39.69 2.74 -1.36	48.35 2.93 -5.33	53.38 3.01 -7.31	47.19 3.13 -2.93	38.42 2.59 -0.89	35.91 1.94 -7.83	33.91 1.90 -4.02
BARRETT_IC_8 23711	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BARRETT_IC_9 23700	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BARRETT___1 23545	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BARRETT___2 23546	36.48 2.00 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.43 1.79 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.75 2.67 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.49 1.98 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.34 2.02 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.31 2.89 -5.33	53.38 3.01 -7.31	46.99 2.92 -2.93	38.42 2.59 -0.89	35.86 1.88 -7.83	33.88 1.88 -4.02
BATAVIA__115KV_TB1 55881	31.34 -3.00 0.14	28.73 -2.77 -0.07	26.24 -2.67 -0.19	26.30 -2.68 -0.13	27.09 -2.74 -0.03	28.52 -2.82 -0.02	30.72 -2.96 -0.06	27.36 -2.86 3.41	29.80 -3.32 4.18	30.10 -3.28 4.71	28.52 -3.03 4.49	27.12 -2.66 4.27	23.97 -2.65 3.89	22.68 -2.68 3.73	21.85 -2.48 3.58	21.81 -2.12 2.96	25.57 -2.29 3.94	28.57 -2.67 4.35	33.08 -2.69 4.33	35.50 -2.84 4.72	33.50 -2.80 4.85	27.90 -2.73 4.32	24.10 -2.14 -0.09	25.92 -2.41 -0.33
BAYONEEC___CTG1 323682	36.41 1.93 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.75 1.98 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.55 2.04 0.00	32.43 2.04 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	33.90 2.10 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.51 3.14 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.71 1.73 -7.83	33.83 1.82 -4.02
BAYONEEC___CTG10 323750	36.41 1.93 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.75 1.98 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.55 2.04 0.00	32.43 2.04 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	33.90 2.10 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.51 3.14 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.71 1.73 -7.83	33.83 1.82 -4.02
BAYONEEC___CTG2 323683	36.41 1.93 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.75 1.98 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.55 2.04 0.00	32.43 2.04 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	33.90 2.10 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.51 3.14 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.71 1.73 -7.83	33.83 1.82 -4.02
BAYONEEC___CTG3 323684	36.41 1.93 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.75 1.98 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.55 2.04 0.00	32.43 2.04 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	33.90 2.10 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.51 3.14 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.71 1.73 -7.83	33.83 1.82 -4.02
BAYONEEC___CTG4 323685	36.41 1.93 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.75 1.98 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.55 2.04 0.00	32.43 2.04 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	33.90 2.10 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.51 3.14 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.71 1.73 -7.83	33.83 1.82 -4.02
BAYONEEC___CTG5 323686	36.41 1.93 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.75 1.98 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.55 2.04 0.00	32.43 2.04 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	33.90 2.10 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.51 3.14 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.71 1.73 -7.83	33.83 1.82 -4.02
BAYONEEC___CTG6 323687	36.41 1.93 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.75 1.98 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.55 2.04 0.00	32.43 2.04 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	33.90 2.10 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.51 3.14 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.71 1.73 -7.83	33.83 1.82 -4.02

BAYONEEC___CTG7 323688	36.41 1.93 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.75 1.98 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.55 2.04 0.00	32.43 2.04 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	33.90 2.10 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.51 3.14 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.71 1.73 -7.83	33.83 1.82 -4.02
BAYONEEC___CTG8 323689	36.41 1.93 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.75 1.98 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.55 2.04 0.00	32.43 2.04 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	33.90 2.10 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.51 3.14 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.71 1.73 -7.83	33.83 1.82 -4.02
BAYONEEC___CTG9 323749	36.41 1.93 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.75 1.98 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.55 2.04 0.00	32.43 2.04 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	33.90 2.10 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.51 3.14 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.71 1.73 -7.83	33.83 1.82 -4.02
BEACON___LESR 323632	36.10 1.62 0.00	33.74 1.48 -0.83	32.75 1.29 -2.73	31.93 1.33 -1.75	33.38 1.34 -2.22	36.10 1.41 -3.38	43.16 1.48 -8.07	48.69 1.55 -13.51	46.20 1.68 -7.22	39.87 1.79 0.00	37.58 1.55 0.00	35.48 1.43 0.00	31.82 1.31 0.00	30.37 1.28 0.00	29.60 1.23 -0.46	32.23 1.18 -4.16	33.17 1.37 0.00	38.94 1.71 -1.64	48.52 1.96 -6.47	54.04 2.11 -8.87	46.71 2.02 -3.55	37.70 1.68 -1.08	36.90 1.26 -9.49	34.21 1.34 -4.87
BEAVER RIVER___HYD 24048	34.13 -0.34 0.00	31.12 -0.35 -0.03	28.48 -0.34 -0.11	28.57 -0.34 -0.07	29.54 -0.36 -0.09	31.07 -0.37 -0.13	33.42 -0.50 -0.31	33.71 -0.44 -0.52	36.98 -0.60 -0.28	37.32 -0.76 0.00	35.28 -0.76 0.00	33.23 -0.82 0.00	29.75 -0.76 0.00	28.31 -0.78 0.00	27.15 -0.78 -0.02	26.38 -0.67 -0.16	31.20 -0.61 0.00	35.08 -0.57 -0.06	39.86 -0.48 -0.25	43.15 -0.26 -0.34	41.03 -0.25 -0.14	34.78 -0.21 -0.04	26.21 -0.31 -0.37	27.76 -0.42 -0.19
BEEBEE_GT_13 23619	31.93 -2.48 0.07	29.24 -2.26 -0.07	26.73 -2.18 -0.19	26.82 -2.16 -0.13	27.67 -2.24 -0.10	29.17 -2.29 -0.14	31.63 -2.32 -0.33	30.28 -2.29 1.07	33.00 -2.65 1.65	33.37 -2.55 2.16	31.63 -2.34 2.06	30.08 -2.01 1.96	26.71 -2.01 1.78	25.34 -2.04 1.71	24.42 -1.87 1.63	24.10 -1.59 1.20	28.28 -1.72 1.81	31.59 -2.06 1.94	36.18 -2.16 1.75	38.94 -2.28 1.84	36.78 -2.26 2.09	30.81 -2.20 1.94	24.80 -1.75 -0.40	26.43 -1.90 -0.34
BENSHRST_27_KV_BENSHRST_1 355998	52.50 2.48 -15.54	49.74 2.26 -16.04	40.88 2.04 -10.12	32.52 2.08 -1.59	33.90 2.15 -1.94	51.81 2.25 -18.24	52.50 2.49 -16.40	52.63 2.52 -16.48	53.13 2.95 -12.88	54.57 3.05 -13.44	55.56 2.88 -16.64	55.53 2.62 -18.86	56.27 2.41 -23.35	57.50 2.39 -26.02	57.28 2.32 -27.05	60.57 2.31 -31.36	57.54 2.64 -23.10	59.55 3.13 -20.83	58.51 3.45 -14.97	95.77 3.83 -48.88	58.72 3.58 -14.00	53.50 2.94 -15.62	53.20 2.17 -24.88	52.43 2.32 -22.11
BETHLEHEM___GRP 23843	35.82 1.34 0.00	33.46 1.19 -0.83	32.52 1.06 -2.73	31.67 1.07 -1.75	33.14 1.10 -2.23	35.85 1.16 -3.38	42.90 1.21 -8.08	48.40 1.24 -13.52	45.87 1.34 -7.23	39.46 1.37 0.00	37.26 1.23 0.00	35.20 1.16 0.00	31.57 1.07 0.00	30.14 1.05 0.00	29.38 1.00 -0.47	32.02 0.97 -4.16	32.98 1.18 0.00	38.62 1.39 -1.65	48.13 1.56 -6.47	53.61 1.68 -8.87	46.30 1.60 -3.55	37.39 1.36 -1.08	36.65 0.99 -9.50	33.96 1.09 -4.88
BETHLEHEM___GS1 323560	35.79 1.31 0.00	33.46 1.19 -0.83	32.52 1.06 -2.73	31.70 1.10 -1.75	33.14 1.10 -2.23	35.85 1.16 -3.38	42.90 1.21 -8.08	48.40 1.25 -13.52	45.87 1.34 -7.23	39.49 1.41 0.00	37.26 1.23 0.00	35.17 1.12 0.00	31.57 1.07 0.00	30.14 1.05 0.00	29.38 1.00 -0.47	32.02 0.97 -4.16	32.92 1.11 0.00	38.62 1.39 -1.65	48.13 1.56 -6.47	53.61 1.68 -8.87	46.30 1.60 -3.55	37.39 1.36 -1.08	36.67 1.02 -9.50	33.96 1.09 -4.88
BETHLEHEM___GS2 323561	35.79 1.31 0.00	33.46 1.19 -0.83	32.52 1.06 -2.73	31.70 1.10 -1.75	33.14 1.10 -2.23	35.85 1.16 -3.38	42.90 1.21 -8.08	48.40 1.25 -13.52	45.87 1.34 -7.23	39.49 1.41 0.00	37.26 1.23 0.00	35.17 1.12 0.00	31.57 1.07 0.00	30.14 1.05 0.00	29.38 1.00 -0.47	32.02 0.97 -4.16	32.92 1.11 0.00	38.62 1.39 -1.65	48.13 1.56 -6.47	53.61 1.68 -8.87	46.30 1.60 -3.55	37.39 1.36 -1.08	36.67 1.02 -9.50	33.96 1.09 -4.88
BETHLEHEM___GS3 323562	35.79 1.31 0.00	33.46 1.19 -0.83	32.52 1.06 -2.73	31.70 1.10 -1.75	33.14 1.10 -2.23	35.85 1.16 -3.38	42.90 1.21 -8.08	48.40 1.25 -13.52	45.87 1.34 -7.23	39.49 1.41 0.00	37.26 1.23 0.00	35.17 1.12 0.00	31.57 1.07 0.00	30.14 1.05 0.00	29.38 1.00 -0.47	32.02 0.97 -4.16	32.92 1.11 0.00	38.62 1.39 -1.65	48.13 1.56 -6.47	53.61 1.68 -8.87	46.30 1.60 -3.55	37.39 1.36 -1.08	36.67 1.02 -9.50	33.96 1.09 -4.88
BETHLEHEM___STEEL 23779	30.53 -3.79 0.15	27.95 -3.55 -0.07	25.62 -3.30 -0.20	25.64 -3.35 -0.13	26.37 -3.46 -0.02	27.68 -3.63 0.00	29.66 -3.97 -0.02	26.04 -3.70 3.89	28.39 -4.21 4.70	28.63 -4.23 5.23	27.09 -3.96 4.98	25.77 -3.54 4.74	22.87 -3.33 4.31	21.75 -3.20 4.14	20.89 -3.04 3.98	20.78 -2.80 3.32	24.25 -3.18 4.38	27.08 -3.67 4.84	31.19 -4.05 4.85	33.28 -4.48 5.31	31.54 -4.20 5.40	26.48 -3.67 4.81	23.42 -2.77 -0.04	25.22 -3.11 -0.34
BETHLHEM_115KV_TB1 79974	35.75 1.28 0.00	33.39 1.13 -0.83	32.49 1.03 -2.73	31.64 1.04 -1.75	33.11 1.07 -2.23	35.82 1.13 -3.38	42.86 1.18 -8.07	48.35 1.21 -13.51	45.83 1.31 -7.23	39.42 1.33 0.00	37.22 1.19 0.00	35.17 1.12 0.00	31.54 1.04 0.00	30.11 1.02 0.00	29.35 0.98 -0.46	31.99 0.94 -4.16	32.95 1.14 0.00	38.59 1.35 -1.64	48.08 1.52 -6.47	53.57 1.64 -8.87	46.25 1.56 -3.55	37.36 1.33 -1.08	36.62 0.97 -9.50	33.93 1.06 -4.88
BETHPAGE_CC_5 323564	36.65 2.17 0.00	34.16 2.04 -0.69	32.84 1.87 -2.25	32.14 1.85 -1.45	33.61 1.97 -1.83	36.23 2.13 -2.78	42.72 2.45 -6.65	49.26 2.55 -13.07	46.87 2.99 -6.58	41.02 2.93 0.00	38.85 2.81 0.00	36.39 2.35 0.00	32.64 2.13 0.00	31.30 2.12 -0.09	30.51 2.12 -0.48	32.53 2.21 -3.43	34.16 2.35 0.00	39.94 2.99 -1.36	48.67 3.25 -5.33	53.82 3.45 -7.31	47.36 3.29 -2.93	38.70 2.87 -0.89	36.07 2.09 -7.83	34.05 2.04 -4.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.61 -3.72 0.15	27.98 -3.52 -0.07	25.64 -3.27 -0.20	25.67 -3.32 -0.13	26.40 -3.43 -0.02	27.72 -3.60 -0.01	29.64 -4.00 -0.03	26.19 -3.70 3.74	28.58 -4.18 4.54	28.79 -4.23 5.07	27.24 -3.96 4.83	25.91 -3.54 4.59	23.00 -3.33 4.18	21.90 -3.17 4.02	21.02 -3.04 3.85	20.86 -2.82 3.21	24.32 -3.24 4.24	27.20 -3.70 4.69	31.27 -4.13 4.69	33.37 -4.56 5.13	31.71 -4.20 5.23	26.63 -3.67 4.65	23.46 -2.75 -0.05	25.22 -3.11 -0.34

BINGHAMTON___COGEN 23790	33.65 -0.79 0.04	30.88 -0.75 -0.20	28.65 -0.72 -0.64	28.55 -0.72 -0.42	29.56 -0.75 -0.49	31.30 -0.75 -0.74	34.57 -0.81 -1.77	34.97 -0.74 -2.08	36.97 -0.86 -0.53	36.04 -0.88 1.17	34.06 -0.86 1.11	32.20 -0.78 1.06	28.78 -0.76 0.96	27.44 -0.73 0.93	26.46 -0.67 0.79	26.44 -0.62 -0.17	30.22 -0.60 0.98	34.19 -0.68 0.72	39.70 -0.72 -0.33	43.03 -0.78 -0.75	39.97 -0.74 0.43	33.45 -0.66 0.84	27.66 -0.58 -2.08	28.52 -0.62 -1.14
BIXINCNT_115KV_LOAD 355685	29.90 -4.45 0.13	27.29 -4.21 -0.07	25.04 -3.88 -0.19	25.06 -3.92 -0.13	25.80 -4.05 -0.05	27.16 -4.20 -0.05	28.99 -4.74 -0.11	26.30 -4.47 2.86	28.74 -5.00 3.56	28.88 -5.14 4.06	27.23 -4.94 3.87	25.90 -4.46 3.68	23.04 -4.12 3.35	22.03 -3.84 3.22	21.12 -3.71 3.08	20.74 -3.63 2.53	24.14 -4.26 3.40	27.08 -4.77 3.74	31.03 -5.37 3.69	33.14 -5.90 4.02	31.59 -5.39 4.16	26.58 -4.65 3.72	22.82 -3.48 -0.15	24.48 -3.83 -0.33
BLACK RIVER___HYD 24047	34.24 -0.24 0.00	31.22 -0.25 -0.04	28.52 -0.34 -0.15	28.63 -0.32 -0.09	29.60 -0.33 -0.12	31.18 -0.31 -0.18	33.57 -0.47 -0.43	33.98 -0.37 -0.72	37.08 -0.60 -0.38	37.28 -0.80 0.00	35.24 -0.79 0.00	33.13 -0.92 0.00	29.65 -0.85 0.00	28.22 -0.87 0.00	27.04 -0.89 -0.02	26.42 -0.70 -0.22	31.26 -0.54 0.00	35.25 -0.43 -0.09	40.20 -0.24 -0.34	43.57 0.04 -0.47	41.41 0.08 -0.19	35.04 0.03 -0.06	26.47 -0.18 -0.50	27.91 -0.33 -0.26
BLACKRVR_115KV_TB2 79977	34.24 -0.24 0.00	31.22 -0.25 -0.04	28.55 -0.32 -0.15	28.63 -0.32 -0.09	29.60 -0.33 -0.12	31.18 -0.31 -0.18	33.57 -0.47 -0.43	33.98 -0.37 -0.72	37.09 -0.60 -0.38	37.28 -0.80 0.00	35.24 -0.79 0.00	33.13 -0.92 0.00	29.65 -0.85 0.00	28.22 -0.87 0.00	27.04 -0.89 -0.02	26.42 -0.70 -0.22	31.23 -0.57 0.00	35.25 -0.43 -0.09	40.36 -0.08 -0.34	43.57 0.04 -0.47	41.41 0.08 -0.19	35.04 0.03 -0.06	26.45 -0.21 -0.50	27.91 -0.34 -0.26
BLISS_WT_PWR 323608	29.53 -4.83 0.13	26.92 -4.59 -0.07	24.78 -4.14 -0.19	24.83 -4.15 -0.13	25.50 -4.35 -0.05	26.85 -4.51 -0.05	28.72 -5.01 -0.11	25.99 -4.78 2.86	28.40 -5.33 3.56	28.54 -5.48 4.06	26.90 -5.26 3.87	25.53 -4.83 3.68	22.79 -4.36 3.35	21.77 -4.10 3.22	20.86 -3.96 3.08	20.58 -3.79 2.53	23.85 -4.55 3.40	26.94 -4.91 3.74	30.79 -5.61 3.69	33.06 -5.98 4.02	31.51 -5.47 4.16	26.37 -4.86 3.72	22.64 -3.66 -0.15	24.23 -4.09 -0.33
BLUESTONE___WT_PWR 323821	34.83 0.31 -0.04	31.99 0.28 -0.27	29.81 0.17 -0.92	29.64 0.20 -0.58	30.83 0.24 -0.78	32.75 0.25 -1.19	36.63 0.17 -2.85	39.70 0.34 -5.73	41.30 0.30 -3.70	39.58 0.23 -1.27	37.42 0.18 -1.21	35.16 -0.03 -1.15	31.43 -0.12 -1.05	29.89 -0.20 -1.01	28.85 -0.19 -1.13	29.17 0.00 -2.28	33.09 0.22 -1.06	37.71 0.36 -1.76	44.04 0.48 -3.47	48.18 0.69 -4.43	44.37 0.66 -2.57	36.99 0.49 -1.55	29.69 0.18 -3.35	29.71 0.08 -1.64
BLUE_CIRC_CHEM_DRP 24182	35.75 1.28 0.00	33.35 1.10 -0.82	32.42 1.01 -2.70	31.59 1.01 -1.73	33.05 1.04 -2.19	35.71 1.06 -3.33	42.71 1.14 -7.96	48.10 1.14 -13.33	45.62 1.19 -7.13	39.34 1.26 0.00	37.08 1.04 0.00	35.00 0.95 0.00	31.36 0.85 0.00	29.90 0.81 0.00	29.15 0.78 -0.46	31.75 0.75 -4.10	32.79 0.99 0.00	38.42 1.21 -1.62	47.91 1.44 -6.38	53.36 1.55 -8.75	46.12 1.48 -3.50	37.27 1.26 -1.06	36.46 0.94 -9.37	33.81 1.01 -4.81
BOC_GAS_DRP 24189	35.51 1.03 0.00	33.17 0.91 -0.83	32.28 0.83 -2.72	31.43 0.84 -1.75	32.89 0.86 -2.22	35.59 0.91 -3.37	42.63 0.97 -8.04	48.07 0.98 -13.46	45.58 1.08 -7.20	39.19 1.10 0.00	37.01 0.97 0.00	34.97 0.92 0.00	31.36 0.85 0.00	29.93 0.84 0.00	29.21 0.84 -0.46	31.82 0.78 -4.14	32.76 0.95 0.00	38.33 1.10 -1.64	47.78 1.24 -6.44	53.23 1.33 -8.84	45.95 1.28 -3.54	37.11 1.08 -1.07	36.43 0.81 -9.46	33.72 0.87 -4.86
BOONVILLE_115KV_TB1 79983	34.75 0.28 0.00	31.71 0.25 -0.03	28.99 0.17 -0.09	29.11 0.20 -0.06	30.09 0.21 -0.08	31.64 0.22 -0.11	34.05 0.17 -0.27	34.32 0.24 -0.46	37.77 0.22 -0.24	38.20 0.11 0.00	36.14 0.11 0.00	34.05 0.00 0.00	30.51 0.00 0.00	29.03 -0.06 0.00	27.84 -0.08 -0.02	27.06 0.03 -0.14	31.93 0.13 0.00	35.93 0.28 -0.06	40.79 0.48 -0.22	43.88 0.52 -0.30	41.75 0.49 -0.12	35.41 0.42 -0.04	26.66 0.18 -0.32	28.29 0.14 -0.16
BORALEX_4TH_BRANCH 23824	36.44 1.97 0.00	34.05 1.79 -0.83	33.05 1.61 -2.72	32.21 1.62 -1.75	33.70 1.67 -2.22	36.37 1.69 -3.37	43.54 1.88 -8.05	48.95 1.85 -13.47	46.44 1.94 -7.20	39.99 1.90 0.00	37.69 1.66 0.00	35.65 1.60 0.00	31.91 1.40 0.00	30.46 1.37 0.00	29.72 1.34 -0.46	32.36 1.32 -4.14	33.42 1.62 0.00	39.12 1.89 -1.64	48.71 2.16 -6.45	54.10 2.20 -8.84	46.82 2.14 -3.54	37.98 1.96 -1.07	37.09 1.46 -9.47	34.42 1.57 -4.86
BOWLINE___1 23526	35.93 1.45 0.00	33.47 1.38 -0.66	32.12 1.23 -2.16	31.45 1.21 -1.39	32.85 1.28 -1.76	35.36 1.38 -2.67	41.54 1.55 -6.38	45.83 1.51 -10.69	44.84 1.83 -5.72	40.03 1.94 0.00	37.83 1.80 0.00	35.58 1.53 0.00	32.00 1.49 0.00	30.59 1.48 -0.01	29.72 1.42 -0.38	31.61 1.42 -3.29	33.36 1.56 0.00	38.88 1.99 -1.30	47.37 2.16 -5.12	52.49 2.41 -7.02	46.17 2.22 -2.81	37.65 1.85 -0.85	34.97 1.31 -7.51	33.25 1.40 -3.86
BOWLINE___2 23595	35.93 1.45 0.00	33.47 1.38 -0.66	32.12 1.23 -2.16	31.45 1.21 -1.39	32.85 1.28 -1.76	35.36 1.38 -2.67	41.54 1.55 -6.38	45.84 1.51 -10.69	44.84 1.83 -5.72	40.03 1.94 0.00	37.83 1.80 0.00	35.58 1.53 0.00	32.00 1.49 0.00	30.59 1.48 -0.01	29.72 1.42 -0.38	31.61 1.42 -3.29	33.36 1.56 0.00	38.88 1.99 -1.30	47.37 2.16 -5.12	52.49 2.41 -7.02	46.17 2.22 -2.81	37.65 1.85 -0.85	34.97 1.31 -7.51	33.25 1.40 -3.86
BRADY___115KV_TB2 356060	34.75 0.28 0.00	31.71 0.28 0.00	29.07 0.34 0.00	29.17 0.32 0.00	30.14 0.33 0.00	31.62 0.31 0.00	33.85 0.24 0.00	33.80 0.17 0.00	37.45 0.15 0.00	38.16 0.08 0.00	36.18 0.14 0.00	34.18 0.14 0.00	30.63 0.12 0.00	29.18 0.09 0.00	27.91 0.00 0.00	26.89 0.00 0.00	31.77 -0.03 0.00	35.56 -0.04 0.00	40.13 0.04 0.00	43.10 0.04 0.00	41.22 0.08 0.00	35.09 0.14 0.00	26.28 0.13 0.00	28.07 0.08 0.00
BRANSCOMB___SOLAR 323811	36.24 1.76 0.00	33.86 1.57 -0.85	32.96 1.44 -2.81	32.09 1.44 -1.80	33.58 1.49 -2.29	36.35 1.56 -3.47	43.58 1.68 -8.29	49.29 1.78 -13.88	46.55 1.83 -7.42	39.95 1.87 0.00	37.55 1.51 0.00	35.37 1.33 0.00	31.64 1.13 0.00	30.17 1.08 0.00	29.48 1.09 -0.48	32.24 1.08 -4.27	33.11 1.30 0.00	39.02 1.74 -1.69	48.86 2.12 -6.64	54.45 2.28 -9.11	46.97 2.18 -3.65	37.84 1.78 -1.10	37.24 1.33 -9.75	34.42 1.43 -5.01
BRENTWOD_69_KV_W. BRTWOOD 56703	36.96 2.48 0.00	34.38 2.26 -0.69	33.07 2.10 -2.25	32.46 2.16 -1.45	33.94 2.30 -1.83	36.60 2.50 -2.78	43.12 2.86 -6.65	49.70 2.99 -13.07	47.35 3.47 -6.58	41.17 3.08 0.00	38.99 2.95 0.00	36.70 2.66 0.00	32.76 2.26 0.00	31.50 2.33 -0.09	30.76 2.37 -0.48	32.72 2.39 -3.43	34.47 2.67 0.00	40.26 3.31 -1.36	49.19 3.77 -5.33	54.20 3.83 -7.31	48.02 3.95 -2.93	39.02 3.18 -0.89	36.44 2.46 -7.83	34.36 2.35 -4.02

BRISTLHL_115KV_TB1 79998	33.31 -1.17 0.00	30.40 -1.10 -0.07	27.88 -1.06 -0.22	27.93 -1.07 -0.14	28.92 -1.07 -0.18	30.49 -1.10 -0.28	33.13 -1.14 -0.66	33.63 -1.11 -1.11	36.62 -1.27 -0.59	36.83 -1.26 0.00	34.81 -1.23 0.00	32.92 -1.12 0.00	29.44 -1.07 0.00	28.04 -1.05 0.00	26.97 -0.98 -0.04	26.35 -0.89 -0.34	30.88 -0.92 0.00	34.55 -1.17 -0.13	39.34 -1.28 -0.53	42.41 -1.38 -0.73	40.11 -1.32 -0.29	33.89 -1.15 -0.09	26.01 -0.92 -0.78	27.41 -0.98 -0.40
BROOKHAVEN___DRP 24191	36.72 2.24 0.00	34.16 2.04 -0.69	32.98 2.01 -2.25	32.40 2.11 -1.45	33.97 2.33 -1.83	36.66 2.57 -2.78	43.19 2.92 -6.65	49.80 3.09 -13.07	47.42 3.54 -6.58	40.90 2.82 0.00	38.63 2.59 0.00	36.46 2.42 0.00	32.58 2.07 0.00	31.30 2.12 -0.09	30.57 2.18 -0.48	32.59 2.26 -3.43	34.12 2.32 0.00	39.94 2.99 -1.36	49.03 3.61 -5.33	53.86 3.49 -7.31	47.85 3.78 -2.93	38.84 3.01 -0.89	36.39 2.41 -7.83	34.33 2.32 -4.02
BROOKLYN_NAVY_YARD 23515	36.37 1.90 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.28 1.64 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.72 1.95 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.55 2.04 0.00	32.40 2.01 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	33.90 2.10 0.00	39.58 2.63 -1.36	48.27 2.85 -5.33	53.47 3.10 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.71 1.73 -7.83	33.86 1.85 -4.02
BROOKLYN___ARMY_DRP 323595	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
BROOKVLE_69_KV_TB1 55790	36.75 2.28 0.00	34.16 2.04 -0.69	32.87 1.90 -2.25	32.20 1.90 -1.45	33.64 2.00 -1.83	36.29 2.19 -2.78	42.75 2.49 -6.65	49.29 2.59 -13.07	46.90 3.02 -6.58	40.98 2.89 0.00	38.88 2.85 0.00	36.60 2.55 0.00	32.73 2.23 0.00	31.42 2.24 -0.09	30.62 2.23 -0.48	32.59 2.26 -3.43	34.35 2.54 0.00	40.04 3.10 -1.36	48.83 3.41 -5.33	53.99 3.62 -7.31	47.65 3.58 -2.93	38.77 2.94 -0.89	36.15 2.17 -7.83	34.14 2.13 -4.02
BROOME_2_LFGE 323671	33.65 -0.79 0.04	30.88 -0.75 -0.20	28.65 -0.72 -0.64	28.55 -0.72 -0.42	29.56 -0.74 -0.49	31.30 -0.75 -0.74	34.57 -0.81 -1.77	34.97 -0.74 -2.08	36.97 -0.86 -0.53	36.08 -0.84 1.17	34.06 -0.87 1.11	32.17 -0.82 1.06	28.78 -0.76 0.96	27.44 -0.73 0.93	26.46 -0.67 0.79	26.47 -0.59 -0.17	30.22 -0.61 0.98	34.19 -0.68 0.72	39.70 -0.72 -0.33	43.07 -0.73 -0.75	40.01 -0.70 0.43	33.45 -0.67 0.84	27.68 -0.55 -2.08	28.49 -0.64 -1.14
BROOME___LFGE 323600	33.65 -0.79 0.04	30.88 -0.75 -0.20	28.65 -0.72 -0.64	28.55 -0.72 -0.42	29.56 -0.74 -0.49	31.30 -0.75 -0.74	34.57 -0.81 -1.77	34.97 -0.74 -2.08	36.97 -0.86 -0.53	36.08 -0.84 1.17	34.06 -0.87 1.11	32.17 -0.82 1.06	28.78 -0.76 0.96	27.44 -0.73 0.93	26.46 -0.67 0.79	26.47 -0.59 -0.17	30.22 -0.61 0.98	34.19 -0.68 0.72	39.70 -0.72 -0.33	43.07 -0.73 -0.75	40.01 -0.70 0.43	33.45 -0.67 0.84	27.68 -0.55 -2.08	28.49 -0.64 -1.14
BROWNFLS_115KV_TB_3_5 80003	34.03 -0.45 0.00	31.05 -0.41 -0.02	28.45 -0.34 -0.07	28.52 -0.38 -0.05	29.48 -0.39 -0.06	31.00 -0.41 -0.09	33.29 -0.54 -0.22	33.49 -0.50 -0.37	36.86 -0.63 -0.20	37.36 -0.72 0.00	35.35 -0.68 0.00	33.33 -0.71 0.00	29.87 -0.64 0.00	28.42 -0.67 0.00	27.20 -0.73 -0.01	26.36 -0.65 -0.11	31.13 -0.67 0.00	34.96 -0.68 -0.04	39.67 -0.60 -0.18	42.70 -0.60 -0.24	40.66 -0.58 -0.10	34.53 -0.45 -0.03	25.99 -0.42 -0.26	27.59 -0.53 -0.13
BROWNSV1_27_KV_LOAD 356125	36.65 2.17 0.00	34.07 1.95 -0.69	32.75 1.78 -2.25	32.08 1.79 -1.45	33.49 1.85 -1.83	36.10 2.00 -2.78	42.45 2.18 -6.65	47.02 2.25 -11.14	45.94 2.69 -5.96	40.90 2.82 0.00	38.70 2.67 0.00	36.46 2.42 0.00	32.76 2.26 0.00	32.63 2.24 -1.30	31.83 2.15 -1.77	32.46 2.12 -3.45	34.25 2.45 0.00	39.83 2.88 -1.36	48.59 3.17 -5.33	53.86 3.49 -7.31	47.36 3.29 -2.93	38.49 2.66 -0.89	35.92 1.94 -7.83	34.05 2.04 -4.02
BURROWS___LYONSDAL 23803	34.58 0.10 0.00	31.52 0.06 -0.03	28.84 0.03 -0.09	28.94 0.03 -0.06	29.92 0.03 -0.08	31.49 0.06 -0.12	33.86 -0.03 -0.28	34.17 0.07 -0.47	37.55 0.00 -0.25	37.97 -0.11 0.00	35.89 -0.14 0.00	33.81 -0.24 0.00	30.29 -0.21 0.00	28.83 -0.26 0.00	27.65 -0.28 -0.02	26.88 -0.16 -0.14	31.74 -0.06 0.00	35.72 0.07 -0.06	40.56 0.24 -0.22	43.67 0.30 -0.31	41.55 0.29 -0.12	35.23 0.24 -0.04	26.53 0.05 -0.33	28.13 -0.03 -0.17
CAITHNESS_CC_1 323624	36.69 2.21 0.00	34.32 2.20 -0.69	33.04 2.07 -2.25	32.34 2.05 -1.45	33.88 2.24 -1.83	36.54 2.44 -2.78	43.09 2.82 -6.65	49.66 2.96 -13.07	47.31 3.43 -6.58	41.21 3.12 0.00	38.88 2.85 0.00	36.39 2.35 0.00	32.64 2.13 0.00	31.27 2.10 -0.09	30.54 2.15 -0.48	32.61 2.28 -3.43	34.06 2.26 0.00	39.83 2.88 -1.36	48.83 3.41 -5.33	53.82 3.45 -7.31	47.40 3.33 -2.93	38.81 2.97 -0.89	36.25 2.27 -7.83	34.25 2.24 -4.02
CALPINE BETH_PAGE_GT4 24209	36.58 2.10 0.00	34.00 1.89 -0.69	32.73 1.75 -2.25	32.06 1.76 -1.45	33.52 1.88 -1.83	36.16 2.07 -2.78	42.62 2.35 -6.65	49.16 2.45 -13.07	46.75 2.87 -6.58	40.79 2.70 0.00	38.66 2.63 0.00	36.36 2.32 0.00	32.52 2.01 0.00	31.24 2.07 -0.09	30.45 2.07 -0.48	32.42 2.10 -3.43	34.16 2.35 0.00	39.86 2.92 -1.36	48.63 3.21 -5.33	53.69 3.32 -7.31	47.44 3.37 -2.93	38.60 2.76 -0.89	36.05 2.07 -7.83	34.00 1.99 -4.02
CALPINE_BETH_PAGE_GT_4 323586	36.58 2.10 0.00	34.10 1.98 -0.69	32.78 1.81 -2.25	32.06 1.76 -1.45	33.52 1.88 -1.83	36.16 2.07 -2.78	42.62 2.35 -6.65	49.16 2.45 -13.07	46.75 2.87 -6.58	40.90 2.82 0.00	38.77 2.74 0.00	36.33 2.28 0.00	32.58 2.08 0.00	31.24 2.07 -0.09	30.45 2.07 -0.48	32.48 2.15 -3.43	34.09 2.29 0.00	39.87 2.92 -1.36	48.59 3.17 -5.33	53.69 3.32 -7.31	47.28 3.21 -2.93	38.64 2.80 -0.89	35.99 2.01 -7.83	34.00 1.99 -4.02
CALPINE_BP_GT1 23823	36.58 2.10 0.00	34.10 1.98 -0.69	32.78 1.81 -2.25	32.06 1.76 -1.45	33.52 1.88 -1.83	36.16 2.07 -2.78	42.62 2.35 -6.65	49.16 2.45 -13.07	46.75 2.87 -6.58	40.90 2.82 0.00	38.77 2.74 0.00	36.33 2.28 0.00	32.58 2.08 0.00	31.24 2.07 -0.09	30.45 2.07 -0.48	32.48 2.15 -3.43	34.09 2.29 0.00	39.87 2.92 -1.36	48.59 3.17 -5.33	53.69 3.32 -7.31	47.28 3.21 -2.93	38.64 2.80 -0.89	35.99 2.01 -7.83	34.00 1.99 -4.02
CALSPAN___DRP 24200	30.53 -3.79 0.15	27.95 -3.55 -0.07	25.62 -3.30 -0.20	25.64 -3.35 -0.13	26.37 -3.46 -0.02	27.68 -3.63 0.00	29.66 -3.97 -0.02	26.04 -3.70 3.89	28.39 -4.21 4.70	28.63 -4.23 5.23	27.09 -3.96 4.98	25.77 -3.54 4.74	22.87 -3.33 4.31	21.75 -3.20 4.14	20.89 -3.04 3.98	20.78 -2.80 3.32	24.25 -3.18 4.38	27.08 -3.67 4.84	31.19 -4.05 4.85	33.28 -4.48 5.31	31.54 -4.20 5.40	26.48 -3.67 4.81	23.42 -2.77 -0.04	25.22 -3.11 -0.34

CALVERTON___SOLAR 323806	36.79 2.31 0.00	34.54 2.42 -0.69	33.24 2.27 -2.25	32.52 2.22 -1.45	34.21 2.56 -1.83	36.88 2.79 -2.78	43.46 3.19 -6.65	50.06 3.36 -13.07	47.72 3.84 -6.58	41.44 3.35 0.00	38.99 2.96 0.00	36.46 2.42 0.00	32.67 2.17 0.00	31.30 2.12 -0.09	30.57 2.18 -0.48	32.67 2.34 -3.43	33.93 2.13 0.00	39.76 2.81 -1.36	49.03 3.61 -5.33	53.90 3.53 -7.31	47.40 3.33 -2.93	38.95 3.11 -0.89	36.44 2.46 -7.83	34.44 2.43 -4.02
CANDIGU_WT_PWR 323617	30.39 -3.00 1.09	28.73 -2.77 -0.06	26.27 -2.58 -0.13	26.38 -2.57 -0.10	26.10 -2.65 1.05	26.86 -2.76 1.70	26.86 -2.92 3.83	-6.00 -2.82 36.80	-6.00 -3.17 40.13	-6.00 -3.24 40.85	-6.00 -3.14 38.90	-6.00 -3.03 37.02	-6.00 -2.81 33.70	-6.00 -2.70 32.39	-6.00 -2.60 31.32	-3.42 -2.39 27.92	-5.10 -2.70 34.19	-6.00 -2.99 38.60	-4.20 -3.33 40.97	-6.00 -3.40 45.66	-6.00 -3.25 43.89	-6.00 -2.90 38.05	19.53 -2.28 4.35	25.68 -2.52 -0.21
CARR STREET_E_SYR 24060	33.51 -0.97 0.00	30.66 -0.85 -0.08	28.11 -0.86 -0.25	28.15 -0.86 -0.16	29.15 -0.87 -0.20	30.71 -0.91 -0.31	33.45 -0.91 -0.74	33.99 -0.87 -1.23	36.95 -1.01 -0.66	37.06 -1.03 0.00	35.06 -0.97 0.00	33.23 -0.82 0.00	29.65 -0.85 0.00	28.25 -0.84 0.00	27.20 -0.75 -0.04	26.60 -0.67 -0.38	31.17 -0.64 0.00	34.85 -0.89 -0.15	39.72 -0.96 -0.59	42.84 -1.03 -0.81	40.52 -0.94 -0.32	34.18 -0.87 -0.10	26.34 -0.68 -0.87	27.65 -0.78 -0.45
CARTHAGE___PAPER 23857	34.20 -0.28 0.00	31.16 -0.31 -0.04	28.51 -0.34 -0.13	28.59 -0.34 -0.08	29.59 -0.33 -0.11	31.13 -0.34 -0.16	33.53 -0.47 -0.38	33.87 -0.40 -0.64	37.04 -0.60 -0.34	37.28 -0.80 0.00	35.24 -0.79 0.00	33.16 -0.89 0.00	29.68 -0.82 0.00	28.25 -0.84 0.00	27.07 -0.87 -0.02	26.37 -0.72 -0.20	31.17 -0.64 0.00	35.14 -0.53 -0.08	40.00 -0.40 -0.31	43.31 -0.17 -0.42	41.19 -0.12 -0.17	34.90 -0.10 -0.05	26.34 -0.26 -0.45	27.83 -0.39 -0.23
CASSADAGA_WT_PWR 323784	29.45 -4.90 0.13	26.95 -4.56 -0.07	24.72 -4.19 -0.19	24.77 -4.21 -0.13	25.50 -4.35 -0.04	26.75 -4.60 -0.04	28.68 -5.04 -0.11	25.99 -4.71 2.93	28.40 -5.26 3.64	28.57 -5.37 4.14	27.01 -5.08 3.94	25.60 -4.70 3.75	22.76 -4.33 3.41	21.74 -4.07 3.28	20.83 -3.93 3.14	20.58 -3.74 2.58	23.95 -4.39 3.46	26.94 -4.84 3.82	30.95 -5.37 3.77	33.19 -5.77 4.11	31.55 -5.35 4.24	26.48 -4.68 3.79	22.73 -3.56 -0.14	24.34 -3.97 -0.33
CE_DUNWOOD___DRP 24194	36.24 1.76 0.00	33.72 1.60 -0.68	32.43 1.46 -2.25	31.76 1.47 -1.44	33.16 1.52 -1.83	35.72 1.63 -2.78	42.07 1.82 -6.64	46.59 1.85 -11.12	45.44 2.20 -5.94	40.33 2.25 0.00	38.20 2.16 0.00	35.95 1.91 0.00	32.31 1.80 0.00	30.94 1.77 -0.07	30.10 1.73 -0.46	32.04 1.72 -3.43	33.77 1.97 0.00	39.29 2.35 -1.35	47.98 2.57 -5.32	53.20 2.84 -7.30	46.74 2.67 -2.92	38.00 2.17 -0.88	35.56 1.60 -7.81	33.68 1.68 -4.01
CE_MILLWOOD___DRP 24193	36.13 1.65 0.00	33.62 1.51 -0.67	32.32 1.38 -2.22	31.66 1.38 -1.42	33.05 1.43 -1.81	35.59 1.53 -2.74	41.85 1.68 -6.55	46.32 1.72 -10.97	45.22 2.05 -5.87	40.18 2.09 0.00	38.05 2.02 0.00	35.82 1.77 0.00	32.15 1.65 0.00	30.80 1.66 -0.05	29.96 1.62 -0.43	31.86 1.59 -3.38	33.62 1.81 0.00	39.13 2.21 -1.34	47.75 2.41 -5.25	52.89 2.63 -7.20	46.49 2.47 -2.88	37.89 2.06 -0.87	35.35 1.49 -7.71	33.52 1.57 -3.96
CE_NYC2_DRP 24202	37.23 2.17 -0.58	34.10 1.98 -0.69	33.08 1.81 -2.55	32.10 1.79 -1.46	33.50 1.85 -1.84	36.67 2.00 -3.36	42.85 2.22 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.79 2.78 -1.92	41.05 2.63 -2.38	39.13 2.38 -2.70	36.05 2.20 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.53 2.42 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.44 -43.62	48.86 3.21 -4.51	39.04 2.66 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
CE_NYC_DRP 24195	36.48 2.00 0.00	33.91 1.79 -0.69	32.61 1.64 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.28 2.02 -6.65	46.82 2.05 -11.14	45.75 2.50 -5.96	40.67 2.59 0.00	38.52 2.49 0.00	36.29 2.25 0.00	32.58 2.07 0.00	32.38 2.07 -1.23	31.62 2.01 -1.70	32.33 1.99 -3.45	34.06 2.26 0.00	39.62 2.67 -1.36	48.35 2.93 -5.33	53.60 3.23 -7.31	47.07 3.00 -2.93	38.28 2.45 -0.89	35.78 1.80 -7.83	33.91 1.90 -4.02
CHAFFEE___LFGE 323603	30.89 -3.48 0.11	28.02 -3.49 -0.07	25.92 -2.99 -0.19	25.95 -3.03 -0.13	26.66 -3.22 -0.07	27.98 -3.41 -0.08	29.87 -3.93 -0.19	28.11 -3.46 2.06	30.81 -3.80 2.68	31.16 -3.77 3.15	29.18 -3.86 3.00	27.10 -4.09 2.86	24.55 -3.36 2.60	23.57 -3.03 2.50	22.54 -2.99 2.39	22.16 -2.82 1.91	25.63 -3.53 2.64	29.22 -3.49 2.88	33.29 -4.01 2.79	36.08 -3.96 3.02	34.25 -3.70 3.19	28.76 -3.32 2.87	23.82 -2.56 -0.23	25.26 -3.05 -0.32
CHATEAUG_35_KV_LOAD 355732	34.38 -0.10 0.00	31.31 -0.13 0.00	28.72 0.00 0.00	28.85 0.00 0.00	29.81 0.00 0.00	31.25 -0.06 0.00	33.45 -0.17 0.00	33.36 -0.27 0.00	37.08 -0.22 0.00	38.01 -0.08 0.00	36.07 0.04 0.00	34.15 0.10 0.00	30.48 -0.03 0.00	28.94 -0.15 0.00	27.58 -0.33 0.00	26.41 -0.48 0.00	31.13 -0.67 0.00	34.81 -0.78 0.00	39.09 -1.00 0.00	41.98 -1.08 0.00	39.95 -1.19 0.00	33.94 -1.01 0.00	25.47 -0.68 0.00	27.23 -0.76 0.00
CHATEAUG_WT_PWR 323614	34.31 -0.17 0.00	31.21 -0.22 0.00	28.64 -0.09 0.00	28.79 -0.06 0.00	29.75 -0.06 0.00	31.19 -0.12 0.00	33.34 -0.27 0.00	33.29 -0.34 0.00	37.00 -0.30 0.00	37.97 -0.11 0.00	36.07 0.04 0.00	34.08 0.03 0.00	30.48 -0.03 0.00	28.92 -0.17 0.00	27.52 -0.39 0.00	26.33 -0.57 0.00	31.07 -0.73 0.00	34.59 -1.00 0.00	38.85 -1.24 0.00	41.77 -1.29 0.00	39.74 -1.40 0.00	33.73 -1.22 0.00	25.29 -0.86 0.00	27.15 -0.84 0.00
CHAT_HIGH_FALL_HYD 323578	34.38 -0.10 0.00	31.31 -0.13 0.00	28.72 0.00 0.00	28.85 0.00 0.00	29.81 0.00 0.00	31.25 -0.06 0.00	33.45 -0.17 0.00	33.36 -0.27 0.00	37.08 -0.22 0.00	38.01 -0.08 0.00	36.07 0.04 0.00	34.15 0.10 0.00	30.48 -0.03 0.00	28.94 -0.15 0.00	27.58 -0.33 0.00	26.41 -0.48 0.00	31.13 -0.67 0.00	34.81 -0.78 0.00	39.09 -1.00 0.00	41.98 -1.08 0.00	39.95 -1.19 0.00	33.94 -1.01 0.00	25.47 -0.68 0.00	27.23 -0.76 0.00
CHAUTAUQUA___LFGE 323629	30.27 -4.07 0.14	27.73 -3.77 -0.07	25.41 -3.51 -0.20	25.46 -3.52 -0.13	26.20 -3.64 -0.03	27.49 -3.85 -0.03	29.52 -4.17 -0.07	26.37 -3.90 3.36	28.78 -4.40 4.12	28.91 -4.53 4.64	27.40 -4.22 4.42	26.03 -3.81 4.20	23.11 -3.57 3.83	22.01 -3.40 3.68	21.12 -3.27 3.53	20.94 -3.04 2.91	24.42 -3.50 3.88	27.35 -3.95 4.28	31.50 -4.33 4.26	33.68 -4.74 4.65	31.97 -4.40 4.77	26.89 -3.81 4.26	23.35 -2.90 -0.10	25.08 -3.25 -0.34
CHERRYST_13_KV_LD 356241	36.55 2.07 0.00	34.00 1.89 -0.69	32.67 1.69 -2.25	32.00 1.70 -1.45	33.40 1.76 -1.83	36.01 1.91 -2.78	42.38 2.12 -6.65	46.92 2.15 -11.14	45.83 2.57 -5.96	40.79 2.70 0.00	38.63 2.59 0.00	36.36 2.32 0.00	32.67 2.17 0.00	32.48 2.15 -1.24	31.68 2.07 -1.70	32.38 2.04 -3.45	34.16 2.35 0.00	39.72 2.78 -1.36	48.47 3.05 -5.33	53.73 3.36 -7.31	47.19 3.13 -2.93	38.39 2.55 -0.89	35.84 1.86 -7.83	33.97 1.96 -4.02

CHESTROR_138KV_BK263 355645	35.72 1.24 0.00	33.22 1.16 -0.63	31.86 1.06 -2.07	31.25 1.07 -1.33	32.60 1.10 -1.69	35.06 1.19 -2.56	41.04 1.31 -6.12	45.15 1.28 -10.24	44.31 1.53 -5.48	39.65 1.56 0.00	37.51 1.48 0.00	35.34 1.29 0.00	31.73 1.22 0.00	30.32 1.22 -0.01	29.44 1.17 -0.36	31.23 1.18 -3.15	33.17 1.37 0.00	38.47 1.64 -1.25	46.84 1.84 -4.90	51.85 2.07 -6.72	45.77 1.93 -2.69	37.34 1.57 -0.82	34.48 1.12 -7.20	32.89 1.20 -3.70
CH_MIDHUDSON___DRP 24192	36.13 1.65 0.00	33.63 1.51 -0.69	32.38 1.38 -2.28	31.70 1.38 -1.47	33.10 1.43 -1.86	35.67 1.53 -2.82	42.04 1.68 -6.74	46.57 1.65 -11.29	45.28 1.94 -6.04	40.06 1.98 0.00	37.87 1.84 0.00	35.71 1.67 0.00	32.03 1.53 0.00	30.63 1.54 0.00	29.78 1.48 -0.39	31.82 1.45 -3.47	33.52 1.72 0.00	39.03 2.06 -1.37	47.78 2.29 -5.40	53.01 2.54 -7.41	46.49 2.39 -2.97	37.84 1.99 -0.90	35.52 1.44 -7.93	33.60 1.54 -4.07
CH_MISC_IPPS 23765	36.31 1.83 0.00	33.81 1.70 -0.68	32.47 1.52 -2.23	31.81 1.53 -1.43	33.20 1.58 -1.82	35.79 1.72 -2.76	42.05 1.85 -6.59	46.48 1.81 -11.04	45.29 2.09 -5.90	40.29 2.21 0.00	38.05 2.02 0.00	35.78 1.74 0.00	32.12 1.62 0.00	30.69 1.60 0.00	29.85 1.56 -0.38	31.82 1.53 -3.40	33.49 1.68 0.00	39.07 2.14 -1.34	47.78 2.41 -5.28	52.97 2.67 -7.24	46.55 2.51 -2.90	37.93 2.10 -0.88	35.37 1.46 -7.76	33.57 1.59 -3.98
CH_RES_BVR_FALLS 23983	33.62 -0.86 0.00	30.65 -0.78 0.00	28.06 -0.66 0.00	28.19 -0.66 0.00	29.09 -0.72 0.00	30.56 -0.75 0.00	32.77 -0.84 0.00	32.76 -0.87 0.00	36.37 -0.93 0.00	37.13 -0.95 0.00	35.17 -0.87 0.00	33.23 -0.82 0.00	29.81 -0.70 0.00	28.42 -0.67 0.00	27.24 -0.67 0.00	26.19 -0.70 0.00	30.95 -0.86 0.00	34.59 -1.00 0.00	38.93 -1.16 0.00	41.81 -1.25 0.00	39.91 -1.23 0.00	33.90 -1.05 0.00	25.39 -0.76 0.00	27.24 -0.75 0.00
CH_RES_NIAGARA 23895	29.83 -4.48 0.17	27.42 -4.09 -0.07	25.10 -3.82 -0.20	25.12 -3.87 -0.13	25.84 -3.96 0.00	27.12 -4.16 0.02	29.27 -4.30 0.04	24.96 -4.27 4.40	27.13 -4.92 5.25	27.38 -4.91 5.79	26.02 -4.50 5.51	24.89 -3.92 5.24	21.95 -3.78 4.77	20.78 -3.72 4.58	20.02 -3.49 4.40	20.13 -3.07 3.70	23.46 -3.50 4.84	26.16 -4.06 5.37	30.15 -4.53 5.41	32.13 -5.00 5.93	30.36 -4.77 6.01	25.33 -4.30 5.33	22.90 -3.22 0.03	24.83 -3.50 -0.34
CH_RES_SYRACUSE 23985	33.75 -0.73 0.00	30.85 -0.66 -0.08	28.30 -0.69 -0.27	28.36 -0.66 -0.18	29.35 -0.68 -0.22	30.96 -0.69 -0.34	33.75 -0.67 -0.81	34.34 -0.64 -1.35	37.28 -0.75 -0.72	37.32 -0.76 0.00	35.31 -0.72 0.00	33.47 -0.58 0.00	29.86 -0.64 0.00	28.45 -0.64 0.00	27.37 -0.59 -0.05	26.83 -0.48 -0.42	31.39 -0.41 0.00	35.12 -0.64 -0.16	40.06 -0.68 -0.65	43.22 -0.73 -0.89	40.84 -0.66 -0.35	34.43 -0.63 -0.11	26.60 -0.50 -0.95	27.89 -0.59 -0.49
CLINTON_WT_PWR 323605	34.31 -0.17 0.00	31.21 -0.22 0.00	28.64 -0.09 0.00	28.79 -0.06 0.00	29.75 -0.06 0.00	31.19 -0.12 0.00	33.34 -0.27 0.00	33.29 -0.34 0.00	37.00 -0.30 0.00	37.97 -0.11 0.00	36.07 0.04 0.00	34.08 0.03 0.00	30.48 -0.03 0.00	28.92 -0.17 0.00	27.52 -0.39 0.00	26.33 -0.57 0.00	31.07 -0.73 0.00	34.59 -1.00 0.00	38.85 -1.24 0.00	41.77 -1.29 0.00	39.74 -1.40 0.00	33.73 -1.22 0.00	25.29 -0.86 0.00	27.15 -0.84 0.00
CLINTON___LFGE 323618	34.79 0.31 0.00	31.62 0.19 0.00	29.04 0.32 0.00	29.17 0.32 0.00	30.17 0.36 0.00	31.62 0.31 0.00	33.82 0.20 0.00	33.76 0.14 0.00	37.56 0.26 0.00	38.58 0.49 0.00	36.65 0.61 0.00	34.66 0.61 0.00	30.97 0.46 0.00	29.35 0.26 0.00	27.88 -0.03 0.00	26.65 -0.24 0.00	31.45 -0.35 0.00	34.88 -0.71 0.00	39.13 -0.96 0.00	42.15 -0.91 0.00	40.07 -1.07 0.00	33.97 -0.98 0.00	25.39 -0.76 0.00	27.24 -0.75 0.00
COBBLENY_34_KV_TB1 80064	30.99 -3.38 0.11	28.21 -3.30 -0.07	25.92 -2.99 -0.19	25.92 -3.06 -0.13	26.69 -3.19 -0.07	28.08 -3.32 -0.08	29.84 -3.97 -0.19	28.11 -3.46 2.06	30.85 -3.77 2.68	30.97 -3.96 3.15	29.14 -3.89 3.00	27.44 -3.75 2.86	24.55 -3.36 2.60	23.57 -3.03 2.50	22.51 -3.01 2.39	21.95 -3.04 1.91	25.64 -3.53 2.64	28.79 -3.91 2.88	32.97 -4.33 2.79	35.26 -4.78 3.02	33.59 -4.36 3.19	28.55 -3.53 2.87	23.77 -2.62 -0.23	25.29 -3.02 -0.32
COFFEEN___115KV_TB3 355620	34.41 -0.07 0.00	31.38 -0.09 -0.04	28.67 -0.20 -0.15	28.74 -0.20 -0.09	29.75 -0.18 -0.12	31.34 -0.16 -0.18	33.75 -0.30 -0.44	34.16 -0.20 -0.73	37.24 -0.45 -0.39	37.44 -0.65 0.00	35.35 -0.68 0.00	33.19 -0.85 0.00	29.74 -0.76 0.00	28.28 -0.81 0.00	27.10 -0.84 -0.03	26.47 -0.65 -0.22	31.33 -0.48 0.00	35.39 -0.28 -0.09	40.60 0.16 -0.35	43.84 0.30 -0.48	41.66 0.33 -0.19	35.25 0.24 -0.06	26.59 -0.08 -0.51	28.06 -0.20 -0.26
COLDSPRG_115KV_BK1 355956	30.79 -3.59 0.10	28.08 -3.43 -0.07	25.75 -3.16 -0.19	25.78 -3.20 -0.13	26.57 -3.31 -0.07	27.92 -3.48 -0.09	29.81 -4.00 -0.19	28.13 -3.53 1.96	30.85 -3.88 2.57	31.01 -4.04 3.04	29.29 -3.86 2.89	27.72 -3.57 2.75	24.71 -3.29 2.50	23.63 -3.05 2.40	22.63 -2.99 2.30	22.13 -2.93 1.83	25.86 -3.40 2.54	29.01 -3.81 2.77	33.25 -4.17 2.68	35.60 -4.56 2.89	33.88 -4.20 3.06	28.66 -3.53 2.77	23.72 -2.67 -0.24	25.25 -3.05 -0.31
COLONIE_LFGE___ 323577	35.96 1.48 0.00	33.63 1.35 -0.84	32.73 1.23 -2.77	31.87 1.24 -1.78	33.35 1.28 -2.26	36.05 1.31 -3.42	43.21 1.41 -8.18	48.78 1.45 -13.70	46.16 1.53 -7.33	39.65 1.56 0.00	37.37 1.33 0.00	35.27 1.22 0.00	31.60 1.10 0.00	30.17 1.08 0.00	29.44 1.06 -0.47	32.16 1.05 -4.22	33.01 1.21 0.00	38.79 1.53 -1.67	48.41 1.76 -6.56	53.90 1.85 -8.99	46.51 1.77 -3.60	37.58 1.54 -1.09	36.93 1.15 -9.63	34.16 1.23 -4.94
COOPERNY_115KV_TB1 80082	35.31 0.83 0.00	32.73 0.79 -0.51	31.13 0.72 -1.69	30.66 0.72 -1.09	31.93 0.75 -1.38	34.22 0.81 -2.09	39.48 0.87 -5.00	42.87 0.87 -8.37	42.82 1.04 -4.47	39.15 1.07 0.00	37.04 1.01 0.00	34.93 0.89 0.00	31.33 0.82 0.00	29.93 0.84 0.00	29.04 0.84 -0.29	30.30 0.83 -2.57	32.76 0.95 0.00	37.78 1.17 -1.02	45.38 1.28 -4.00	49.97 1.42 -5.49	44.70 1.36 -2.20	36.74 1.12 -0.67	32.82 0.78 -5.88	31.85 0.84 -3.02
COPENHAGEN_WT_PWR 323753	34.13 -0.34 0.00	31.13 -0.35 -0.05	28.44 -0.43 -0.15	28.54 -0.40 -0.10	29.52 -0.42 -0.12	31.09 -0.41 -0.19	33.53 -0.54 -0.45	33.91 -0.47 -0.75	37.03 -0.67 -0.40	37.21 -0.87 0.00	35.17 -0.87 0.00	33.09 -0.95 0.00	29.62 -0.89 0.00	28.16 -0.93 0.00	27.02 -0.92 -0.03	26.40 -0.72 -0.23	31.20 -0.61 0.00	35.15 -0.53 -0.09	40.09 -0.36 -0.36	43.43 -0.13 -0.50	41.26 -0.08 -0.20	34.91 -0.10 -0.06	26.42 -0.26 -0.53	27.84 -0.42 -0.27
CORNELL_____ 23752	34.70 -0.21 -0.43	31.59 -0.25 -0.41	29.99 -0.29 -1.55	29.53 -0.29 -0.97	31.17 -0.27 -1.63	33.60 -0.25 -2.54	39.51 -0.20 -6.10	53.56 -0.17 -20.10	54.40 -0.22 -17.32	50.95 -0.32 -13.13	48.21 -0.32 -12.50	45.60 -0.34 -11.89	40.93 -0.40 -10.82	39.05 -0.44 -10.40	37.88 -0.36 -10.34	38.15 -0.24 -11.50	42.72 -0.06 -10.98	48.93 -0.07 -13.41	57.26 0.04 -17.13	63.22 0.04 -20.12	57.51 0.08 -16.29	47.84 0.00 -12.88	33.17 -0.13 -7.15	30.64 -0.20 -2.84

CORONA__69_KV_TB1 355595	36.65 2.17 0.00	34.10 1.98 -0.69	32.78 1.81 -2.25	32.11 1.82 -1.45	33.58 1.94 -1.83	36.19 2.10 -2.78	42.62 2.35 -6.65	49.16 2.45 -13.07	46.75 2.87 -6.58	40.86 2.78 0.00	38.74 2.70 0.00	36.43 2.38 0.00	32.61 2.10 0.00	31.30 2.12 -0.09	30.51 2.12 -0.48	32.48 2.15 -3.43	34.22 2.42 0.00	39.90 2.95 -1.36	48.63 3.21 -5.33	53.77 3.40 -7.31	47.48 3.41 -2.93	38.63 2.80 -0.89	36.07 2.09 -7.83	34.05 2.04 -4.02
CORTLAND__115KV_TB3 80093	34.20 -0.38 -0.10	31.29 -0.35 -0.20	29.06 -0.37 -0.71	28.92 -0.38 -0.45	30.12 -0.36 -0.66	31.96 -0.38 -1.03	35.71 -0.37 -2.47	39.78 -0.30 -6.45	41.92 -0.37 -4.99	40.74 -0.42 -3.08	38.53 -0.43 -2.93	36.42 -0.41 -2.79	32.62 -0.43 -2.54	31.09 -0.44 -2.44	30.00 -0.39 -2.48	29.80 -0.32 -3.23	34.15 -0.22 -2.57	38.70 -0.25 -3.36	44.74 -0.20 -4.85	48.70 -0.22 -5.86	45.21 -0.21 -4.28	37.90 -0.21 -3.16	28.79 -0.26 -2.90	28.97 -0.31 -1.29
COXSACKIE__GT 23611	36.96 2.48 0.00	34.27 2.04 -0.79	32.88 1.55 -2.61	32.57 2.05 -1.68	33.54 1.61 -2.13	36.29 1.75 -3.23	43.17 1.85 -7.71	48.29 1.75 -12.91	45.99 1.79 -6.90	40.14 2.06 0.00	37.73 1.69 0.00	35.51 1.46 0.00	31.79 1.28 0.00	30.31 1.22 0.00	29.33 0.98 -0.44	31.73 0.86 -3.97	33.30 1.50 0.00	38.80 1.64 -1.57	48.47 2.20 -6.18	54.12 2.58 -8.47	47.13 2.59 -3.39	37.94 1.96 -1.03	36.56 1.33 -9.07	34.19 1.54 -4.66
CPV_VALLEY__CC1 323721	35.48 1.00 0.00	33.00 0.98 -0.59	31.52 0.86 -1.94	30.96 0.86 -1.24	32.28 0.89 -1.58	34.68 0.97 -2.39	40.41 1.08 -5.72	44.25 1.04 -9.58	43.69 1.27 -5.12	39.45 1.37 0.00	37.26 1.23 0.00	35.10 1.06 0.00	31.54 1.04 0.00	30.14 1.05 0.00	29.25 1.00 -0.33	30.86 1.02 -2.95	32.88 1.08 0.00	38.18 1.43 -1.17	46.20 1.52 -4.58	51.07 1.72 -6.29	45.22 1.56 -2.52	37.04 1.33 -0.76	33.82 0.94 -6.73	32.45 1.01 -3.46
CPV_VALLEY__CC2 323722	35.48 1.00 0.00	33.00 0.98 -0.59	31.52 0.86 -1.94	30.96 0.86 -1.24	32.28 0.89 -1.58	34.68 0.97 -2.39	40.41 1.08 -5.72	44.25 1.04 -9.58	43.69 1.27 -5.12	39.45 1.37 0.00	37.26 1.23 0.00	35.10 1.06 0.00	31.54 1.04 0.00	30.14 1.05 0.00	29.25 1.00 -0.33	30.86 1.02 -2.95	32.88 1.08 0.00	38.18 1.43 -1.17	46.20 1.52 -4.58	51.07 1.72 -6.29	45.22 1.56 -2.52	37.04 1.33 -0.76	33.82 0.94 -6.73	32.45 1.01 -3.46
CRESCENT__HYD 24018	35.96 1.48 0.00	33.63 1.35 -0.84	32.73 1.23 -2.77	31.87 1.24 -1.78	33.35 1.28 -2.26	36.05 1.31 -3.42	43.21 1.41 -8.18	48.78 1.45 -13.70	46.16 1.53 -7.33	39.65 1.56 0.00	37.37 1.33 0.00	35.27 1.22 0.00	31.60 1.10 0.00	30.17 1.08 0.00	29.44 1.06 -0.47	32.16 1.05 -4.22	33.01 1.21 0.00	38.79 1.53 -1.67	48.41 1.76 -6.56	53.90 1.85 -8.99	46.51 1.77 -3.60	37.58 1.54 -1.09	36.93 1.15 -9.63	34.16 1.23 -4.94
CRICKET__VALLEY_CC1 323756	36.03 1.55 0.00	33.59 1.45 -0.72	32.40 1.32 -2.35	31.66 1.30 -1.51	33.10 1.37 -1.92	35.63 1.41 -2.91	42.11 1.55 -6.95	46.78 1.51 -11.64	45.28 1.75 -6.22	39.87 1.79 0.00	37.66 1.62 0.00	35.48 1.43 0.00	31.88 1.37 0.00	30.49 1.40 0.00	29.68 1.37 -0.40	31.82 1.34 -3.58	33.27 1.46 0.00	38.86 1.85 -1.42	47.71 2.04 -5.57	52.85 2.15 -7.64	46.25 2.06 -3.06	37.66 1.78 -0.93	35.64 1.31 -8.18	33.56 1.37 -4.20
CRICKET__VALLEY_CC2 323757	36.03 1.55 0.00	33.59 1.45 -0.72	32.40 1.32 -2.35	31.66 1.30 -1.51	33.10 1.37 -1.92	35.63 1.41 -2.91	42.11 1.55 -6.95	46.78 1.51 -11.64	45.28 1.75 -6.22	39.87 1.79 0.00	37.66 1.62 0.00	35.48 1.43 0.00	31.88 1.37 0.00	30.49 1.40 0.00	29.68 1.37 -0.40	31.82 1.34 -3.58	33.27 1.46 0.00	38.86 1.85 -1.42	47.71 2.04 -5.57	52.85 2.15 -7.64	46.25 2.06 -3.06	37.66 1.78 -0.93	35.64 1.31 -8.18	33.56 1.37 -4.20
CRICKET__VALLEY_CC3 323758	36.03 1.55 0.00	33.59 1.45 -0.72	32.40 1.32 -2.35	31.66 1.30 -1.51	33.10 1.37 -1.92	35.63 1.41 -2.91	42.11 1.55 -6.95	46.78 1.51 -11.64	45.28 1.75 -6.22	39.87 1.79 0.00	37.66 1.62 0.00	35.48 1.43 0.00	31.88 1.37 0.00	30.49 1.40 0.00	29.68 1.37 -0.40	31.82 1.34 -3.58	33.27 1.46 0.00	38.86 1.85 -1.42	47.71 2.04 -5.57	52.85 2.15 -7.64	46.25 2.06 -3.06	37.66 1.78 -0.93	35.64 1.31 -8.18	33.56 1.37 -4.20
CRUCIBLE__METL_DRP 24180	33.76 -0.72 0.00	30.82 -0.69 -0.08	28.31 -0.69 -0.27	28.36 -0.66 -0.18	29.35 -0.69 -0.22	30.96 -0.69 -0.34	33.75 -0.67 -0.81	34.34 -0.64 -1.35	37.28 -0.75 -0.72	37.36 -0.72 0.00	35.31 -0.72 0.00	33.40 -0.65 0.00	29.87 -0.64 0.00	28.45 -0.64 0.00	27.37 -0.59 -0.05	26.80 -0.51 -0.42	31.33 -0.48 0.00	35.11 -0.64 -0.16	40.06 -0.68 -0.65	43.22 -0.73 -0.89	40.80 -0.70 -0.35	34.39 -0.66 -0.11	26.55 -0.55 -0.95	27.86 -0.62 -0.49
DAHOWA__HYDRO 323763	36.34 1.86 0.00	33.98 1.70 -0.86	33.06 1.52 -2.81	32.18 1.53 -1.81	33.68 1.58 -2.29	36.45 1.66 -3.48	43.70 1.78 -8.31	49.45 1.92 -13.91	46.71 1.98 -7.44	40.10 2.02 0.00	37.69 1.66 0.00	35.51 1.46 0.00	31.73 1.22 0.00	30.25 1.16 0.00	29.56 1.17 -0.48	32.33 1.16 -4.28	33.20 1.40 0.00	39.13 1.85 -1.69	49.03 2.28 -6.66	54.64 2.45 -9.13	47.10 2.30 -3.65	37.94 1.89 -1.11	37.34 1.41 -9.77	34.52 1.51 -5.02
DANC__LFGE 323619	33.75 -0.73 0.00	30.79 -0.69 -0.05	28.15 -0.75 -0.18	28.21 -0.75 -0.11	29.21 -0.74 -0.15	30.78 -0.75 -0.22	33.27 -0.87 -0.53	33.71 -0.81 -0.89	36.77 -1.01 -0.47	36.94 -1.14 0.00	34.92 -1.12 0.00	32.96 -1.09 0.00	29.47 -1.04 0.00	28.04 -1.05 0.00	26.91 -1.03 -0.03	26.30 -0.86 -0.27	31.01 -0.79 0.00	34.84 -0.85 -0.11	39.71 -0.80 -0.42	42.95 -0.69 -0.58	40.76 -0.62 -0.23	34.46 -0.56 -0.07	26.22 -0.55 -0.62	27.64 -0.67 -0.32
DANSKAMMER__1 23586	36.31 1.83 0.00	33.81 1.70 -0.68	32.47 1.52 -2.23	31.81 1.53 -1.43	33.20 1.58 -1.82	35.79 1.72 -2.76	42.05 1.85 -6.59	46.48 1.81 -11.04	45.29 2.09 -5.90	40.29 2.21 0.00	38.05 2.02 0.00	35.78 1.74 0.00	32.12 1.62 0.00	30.69 1.60 0.00	29.85 1.56 -0.38	31.82 1.53 -3.40	33.49 1.68 0.00	39.07 2.14 -1.34	47.78 2.41 -5.28	52.97 2.67 -7.24	46.55 2.51 -2.90	37.93 2.10 -0.88	35.37 1.46 -7.76	33.57 1.59 -3.98
DANSKAMMER__2 23589	36.31 1.83 0.00	33.81 1.70 -0.68	32.47 1.52 -2.23	31.81 1.53 -1.43	33.20 1.58 -1.82	35.79 1.72 -2.76	42.05 1.85 -6.59	46.48 1.81 -11.04	45.29 2.09 -5.90	40.29 2.21 0.00	38.05 2.02 0.00	35.78 1.74 0.00	32.12 1.62 0.00	30.69 1.60 0.00	29.85 1.56 -0.38	31.82 1.53 -3.40	33.49 1.68 0.00	39.07 2.14 -1.34	47.78 2.41 -5.28	52.97 2.67 -7.24	46.55 2.51 -2.90	37.93 2.10 -0.88	35.37 1.46 -7.76	33.57 1.59 -3.98
DANSKAMMER__3 23590	36.31 1.83 0.00	33.81 1.70 -0.68	32.47 1.52 -2.23	31.81 1.53 -1.43	33.20 1.58 -1.82	35.79 1.72 -2.76	42.05 1.85 -6.59	46.48 1.81 -11.04	45.29 2.09 -5.90	40.29 2.21 0.00	38.05 2.02 0.00	35.78 1.74 0.00	32.12 1.62 0.00	30.69 1.60 0.00	29.85 1.56 -0.38	31.82 1.53 -3.40	33.49 1.68 0.00	39.07 2.14 -1.34	47.78 2.41 -5.28	52.97 2.67 -7.24	46.55 2.51 -2.90	37.93 2.10 -0.88	35.37 1.46 -7.76	33.57 1.59 -3.98

DANSKAMMER___4 23591	36.31 1.83 0.00	33.81 1.70 -0.68	32.47 1.52 -2.23	31.81 1.53 -1.43	33.20 1.58 -1.82	35.79 1.72 -2.76	42.05 1.85 -6.59	46.48 1.81 -11.04	45.29 2.09 -5.90	40.29 2.21 0.00	38.05 2.02 0.00	35.78 1.74 0.00	32.12 1.62 0.00	30.69 1.60 0.00	29.85 1.56 -0.38	31.82 1.53 -3.40	33.49 1.68 0.00	39.07 2.14 -1.34	47.78 2.41 -5.28	52.97 2.67 -7.24	46.55 2.51 -2.90	37.93 2.10 -0.88	35.37 1.46 -7.76	33.57 1.59 -3.98
DANSKAMMER___DIESEL 23592	36.31 1.83 0.00	33.78 1.67 -0.68	32.48 1.52 -2.23	31.78 1.50 -1.43	33.21 1.58 -1.82	35.76 1.69 -2.76	42.05 1.85 -6.59	46.48 1.82 -11.04	45.33 2.13 -5.90	40.22 2.13 0.00	38.05 2.02 0.00	35.82 1.77 0.00	32.12 1.62 0.00	30.69 1.60 0.00	29.86 1.56 -0.38	31.82 1.53 -3.40	33.55 1.75 0.00	39.03 2.10 -1.34	47.74 2.37 -5.28	52.97 2.67 -7.24	46.59 2.55 -2.90	37.93 2.10 -0.88	35.40 1.49 -7.76	33.57 1.60 -3.98
DARBY___SOLAR 323810	36.24 1.76 0.00	33.89 1.60 -0.85	32.96 1.44 -2.81	32.09 1.44 -1.80	33.58 1.49 -2.29	36.35 1.56 -3.47	43.58 1.68 -8.29	49.29 1.78 -13.88	46.59 1.86 -7.42	39.95 1.87 0.00	37.55 1.51 0.00	35.41 1.36 0.00	31.67 1.16 0.00	30.19 1.11 0.00	29.48 1.09 -0.48	32.24 1.08 -4.27	33.11 1.30 0.00	39.02 1.74 -1.69	48.86 2.12 -6.64	54.45 2.28 -9.11	46.97 2.18 -3.65	37.84 1.78 -1.10	37.24 1.33 -9.75	34.45 1.45 -5.01
DASHVILLE___HYD 23610	36.10 1.62 0.00	33.07 0.94 -0.70	31.88 0.86 -2.30	31.19 0.87 -1.48	32.58 0.89 -1.87	35.13 0.97 -2.84	41.49 1.08 -6.80	46.05 1.04 -11.38	44.62 1.23 -6.09	39.76 1.68 0.00	37.62 1.59 0.00	35.44 1.40 0.00	31.82 1.31 0.00	30.40 1.31 0.00	29.34 1.03 -0.39	31.31 0.91 -3.50	33.23 1.43 0.00	38.29 1.32 -1.39	47.06 1.52 -5.45	52.30 1.77 -7.47	45.78 1.65 -2.99	37.19 1.33 -0.91	35.07 0.92 -8.00	33.10 1.01 -4.11
DEERFIELD_69_KV_DEERFIELD LD 355887	37.24 2.76 0.00	34.63 2.51 -0.69	33.56 2.58 -2.25	32.98 2.68 -1.45	34.71 3.07 -1.83	37.41 3.32 -2.78	44.06 3.80 -6.65	50.70 4.00 -13.07	48.43 4.55 -6.58	41.51 3.43 0.00	39.02 2.99 0.00	36.94 2.89 0.00	32.95 2.44 0.00	31.59 2.41 -0.09	30.85 2.46 -0.48	32.91 2.58 -3.43	34.25 2.45 0.00	40.22 3.27 -1.36	49.39 3.97 -5.33	53.99 3.62 -7.31	48.02 3.95 -2.93	38.91 3.08 -0.89	36.54 2.56 -7.83	34.56 2.55 -4.02
DELAWARE___LFGE 323621	35.13 0.66 0.00	32.33 0.60 -0.30	30.22 0.52 -0.98	30.00 0.52 -0.63	31.14 0.54 -0.80	33.12 0.59 -1.21	37.12 0.61 -2.90	39.15 0.67 -4.85	40.68 0.78 -2.59	38.85 0.76 0.00	36.72 0.68 0.00	34.62 0.58 0.00	31.09 0.58 0.00	29.64 0.55 0.00	28.61 0.53 -0.17	28.92 0.54 -1.49	32.50 0.70 0.00	37.04 0.85 -0.59	43.42 1.00 -2.32	47.36 1.12 -3.18	43.44 1.03 -1.27	36.21 0.87 -0.39	30.14 0.58 -3.41	30.33 0.59 -1.75
DERFIELD_115KV_TB7 355931	34.75 0.28 0.00	31.65 0.22 0.00	28.92 0.20 0.00	29.05 0.20 0.00	30.02 0.21 0.00	31.53 0.22 0.00	33.82 0.20 0.00	33.87 0.24 0.00	37.56 0.26 0.00	38.35 0.27 0.00	36.29 0.25 0.00	34.25 0.20 0.00	30.69 0.18 0.00	29.29 0.20 0.00	28.11 0.20 0.00	27.08 0.19 0.00	32.03 0.22 0.00	35.88 0.28 0.00	40.45 0.36 0.00	43.45 0.39 0.00	41.47 0.33 0.00	35.27 0.31 0.00	26.36 0.21 0.00	28.21 0.22 0.00
DOGLEVILLE___HYD 23807	34.93 0.45 0.00	31.78 0.35 0.00	29.01 0.29 0.00	29.14 0.29 0.00	30.11 0.30 0.00	31.62 0.31 0.00	33.92 0.30 0.00	33.97 0.34 0.00	37.63 0.33 0.00	38.54 0.46 0.00	36.50 0.47 0.00	34.46 0.41 0.00	30.87 0.37 0.00	29.44 0.35 0.00	28.22 0.31 0.00	27.22 0.32 0.00	32.15 0.35 0.00	35.98 0.39 0.00	40.49 0.40 0.00	43.54 0.47 0.00	41.59 0.45 0.00	35.34 0.39 0.00	26.39 0.23 0.00	28.24 0.25 0.00
DUNKIRK___115KV_TB_200 55889	30.37 -3.97 0.14	27.83 -3.68 -0.07	25.50 -3.42 -0.20	25.55 -3.43 -0.13	26.29 -3.55 -0.03	27.61 -3.73 -0.03	29.61 -4.07 -0.07	26.43 -3.80 3.40	28.85 -4.29 4.16	29.02 -4.38 4.69	27.46 -4.11 4.46	26.09 -3.71 4.25	23.13 -3.51 3.87	22.06 -3.32 3.71	21.17 -3.18 3.56	20.96 -2.99 2.95	24.45 -3.43 3.92	27.35 -3.91 4.33	31.49 -4.29 4.31	33.67 -4.69 4.70	31.96 -4.36 4.82	26.84 -3.81 4.30	23.37 -2.88 -0.09	25.17 -3.16 -0.34
DUNKIRK___1 23563	30.37 -3.97 0.14	27.83 -3.68 -0.07	25.50 -3.42 -0.20	25.55 -3.43 -0.13	26.29 -3.55 -0.03	27.61 -3.73 -0.03	29.61 -4.07 -0.07	26.43 -3.80 3.40	28.85 -4.29 4.16	29.02 -4.38 4.69	27.46 -4.11 4.46	26.09 -3.71 4.25	23.13 -3.51 3.87	22.06 -3.32 3.71	21.17 -3.18 3.56	20.96 -2.99 2.95	24.45 -3.43 3.92	27.35 -3.91 4.33	31.49 -4.29 4.31	33.67 -4.69 4.70	31.96 -4.36 4.82	26.84 -3.81 4.30	23.37 -2.88 -0.09	25.17 -3.16 -0.34
DUNKIRK___2 23564	30.37 -3.97 0.14	27.83 -3.68 -0.07	25.50 -3.42 -0.20	25.55 -3.43 -0.13	26.29 -3.55 -0.03	27.61 -3.73 -0.03	29.61 -4.07 -0.07	26.43 -3.80 3.40	28.85 -4.29 4.16	29.02 -4.38 4.69	27.46 -4.11 4.46	26.09 -3.71 4.25	23.13 -3.51 3.87	22.06 -3.32 3.71	21.17 -3.18 3.56	20.96 -2.99 2.95	24.45 -3.43 3.92	27.35 -3.91 4.33	31.49 -4.29 4.31	33.67 -4.69 4.70	31.96 -4.36 4.82	26.84 -3.81 4.30	23.37 -2.88 -0.09	25.17 -3.16 -0.34
DUNKIRK___3 23565	30.47 -3.86 0.14	27.92 -3.58 -0.07	25.59 -3.33 -0.20	25.61 -3.38 -0.14	26.38 -3.46 -0.03	27.70 -3.63 -0.02	29.71 -3.97 -0.06	26.37 -3.73 3.52	28.78 -4.21 4.31	28.98 -4.27 4.84	27.39 -4.04 4.61	26.02 -3.64 4.39	23.10 -3.42 3.99	22.00 -3.26 3.84	21.13 -3.10 3.68	20.94 -2.90 3.05	24.41 -3.34 4.05	27.31 -3.81 4.47	31.47 -4.17 4.45	33.63 -4.56 4.86	31.88 -4.28 4.98	26.80 -3.70 4.44	23.44 -2.80 -0.09	25.23 -3.11 -0.34
DUNKIRK___4 23566	30.47 -3.86 0.14	27.92 -3.58 -0.07	25.59 -3.33 -0.20	25.61 -3.38 -0.14	26.38 -3.46 -0.03	27.70 -3.63 -0.02	29.71 -3.97 -0.06	26.37 -3.73 3.52	28.78 -4.21 4.31	28.98 -4.27 4.84	27.39 -4.04 4.61	26.02 -3.64 4.39	23.10 -3.42 3.99	22.00 -3.26 3.84	21.13 -3.10 3.68	20.94 -2.90 3.05	24.41 -3.34 4.05	27.31 -3.81 4.47	31.47 -4.17 4.45	33.63 -4.56 4.86	31.88 -4.28 4.98	26.80 -3.70 4.44	23.44 -2.80 -0.09	25.23 -3.11 -0.34
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.31 1.83 0.00	33.78 1.67 -0.69	32.50 1.52 -2.25	31.82 1.53 -1.45	33.22 1.58 -1.83	35.79 1.69 -2.78	42.15 1.88 -6.65	46.69 1.92 -11.14	45.53 2.28 -5.96	40.45 2.36 0.00	38.30 2.27 0.00	36.05 2.01 0.00	32.40 1.89 0.00	31.10 1.89 -0.11	30.23 1.81 -0.51	32.15 1.80 -3.45	33.87 2.07 0.00	39.40 2.46 -1.36	48.11 2.69 -5.33	53.34 2.97 -7.31	46.82 2.76 -2.93	38.11 2.27 -0.89	35.63 1.65 -7.83	33.74 1.74 -4.02
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.96 1.48 0.00	33.47 1.38 -0.66	32.12 1.24 -2.16	31.48 1.24 -1.39	32.85 1.28 -1.76	35.39 1.41 -2.67	41.55 1.55 -6.39	45.84 1.51 -10.70	44.77 1.75 -5.72	39.91 1.83 0.00	37.73 1.69 0.00	35.54 1.50 0.00	31.91 1.40 0.00	30.49 1.40 0.00	29.62 1.34 -0.37	31.50 1.32 -3.29	33.33 1.53 0.00	38.74 1.85 -1.30	47.30 2.08 -5.12	52.41 2.33 -7.02	46.13 2.18 -2.81	37.62 1.82 -0.85	34.95 1.28 -7.52	33.22 1.37 -3.86

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.52 2.03 -0.01	34.04 1.92 -0.69	32.65 1.67 -2.26	31.98 1.67 -1.46	33.41 1.76 -1.84	35.95 1.85 -2.79	42.31 2.05 -6.64	46.88 2.12 -11.13	45.78 2.54 -5.95	40.70 2.63 0.01	38.51 2.49 0.01	36.29 2.25 0.01	32.57 2.07 0.01	31.25 2.07 -0.10	30.41 2.01 -0.48	32.33 1.99 -3.44	34.08 2.29 0.01	39.64 2.70 -1.35	48.38 2.97 -5.32	53.64 3.27 -7.30	47.14 3.09 -2.92	38.35 2.52 -0.88	35.82 1.83 -7.84	33.95 1.93 -4.03
E179THST_13_KV_LOAD 356214	36.62 2.14 -0.01	34.17 2.04 -0.69	32.76 1.78 -2.26	32.07 1.76 -1.46	33.50 1.85 -1.84	36.08 1.97 -2.79	42.44 2.18 -6.64	46.98 2.22 -11.13	45.90 2.65 -5.95	40.86 2.78 0.01	38.66 2.63 0.01	36.42 2.38 0.01	32.70 2.20 0.01	31.37 2.18 -0.10	30.52 2.12 -0.48	32.43 2.10 -3.44	34.21 2.42 0.01	39.79 2.85 -1.35	48.58 3.17 -5.32	53.81 3.44 -7.30	47.31 3.25 -2.92	38.45 2.62 -0.88	35.92 1.94 -7.84	34.06 2.04 -4.03
EAST HAMPTON___GT 23717	37.55 3.07 0.00	35.29 3.17 -0.69	33.93 2.96 -2.25	33.24 2.94 -1.45	34.98 3.34 -1.83	37.69 3.60 -2.78	44.40 4.13 -6.65	51.01 4.31 -13.07	48.77 4.88 -6.58	42.35 4.26 0.00	39.78 3.75 0.00	37.11 3.07 0.00	33.19 2.69 0.00	31.71 2.53 -0.09	30.96 2.57 -0.48	33.10 2.77 -3.43	34.19 2.39 0.00	40.18 3.24 -1.36	48.95 3.53 -5.33	53.60 3.23 -7.31	46.90 2.84 -2.93	38.46 2.62 -0.89	36.12 2.14 -7.83	34.27 2.27 -4.02
EAST RIVER___6 23660	36.51 2.03 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.40 1.76 -1.83	36.01 1.91 -2.78	42.38 2.12 -6.65	46.89 2.12 -11.14	45.83 2.57 -5.96	40.83 2.74 0.00	38.59 2.56 0.00	36.29 2.25 0.00	32.64 2.13 0.00	32.47 2.12 -1.26	31.71 2.07 -1.73	32.36 2.02 -3.45	34.03 2.23 0.00	39.72 2.78 -1.36	48.47 3.05 -5.33	53.69 3.32 -7.31	47.15 3.09 -2.93	38.36 2.52 -0.89	35.81 1.83 -7.83	33.94 1.93 -4.02
EAST RIVER___7 23524	36.51 2.03 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.40 1.76 -1.83	36.01 1.91 -2.78	42.38 2.12 -6.65	46.89 2.12 -11.14	45.83 2.57 -5.96	40.83 2.74 0.00	38.59 2.56 0.00	36.29 2.25 0.00	32.64 2.13 0.00	32.47 2.12 -1.26	31.71 2.07 -1.73	32.36 2.02 -3.45	34.03 2.23 0.00	39.72 2.78 -1.36	48.47 3.05 -5.33	53.69 3.32 -7.31	47.15 3.09 -2.93	38.36 2.52 -0.89	35.81 1.83 -7.83	33.94 1.93 -4.02
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.24 1.76 0.00	33.72 1.60 -0.68	32.43 1.46 -2.25	31.76 1.47 -1.44	33.16 1.52 -1.83	35.72 1.63 -2.78	42.07 1.82 -6.64	46.59 1.85 -11.12	45.44 2.20 -5.94	40.33 2.25 0.00	38.20 2.16 0.00	35.95 1.91 0.00	32.31 1.80 0.00	30.94 1.77 -0.07	30.10 1.73 -0.46	32.04 1.72 -3.43	33.77 1.97 0.00	39.29 2.35 -1.35	47.98 2.57 -5.32	53.20 2.84 -7.30	46.74 2.67 -2.92	38.00 2.17 -0.88	35.56 1.60 -7.81	33.68 1.68 -4.01
EAST_HAMPTON___DIESEL 23722	37.55 3.07 0.00	35.29 3.17 -0.69	33.93 2.96 -2.25	33.24 2.94 -1.45	34.98 3.34 -1.83	37.73 3.63 -2.78	44.40 4.13 -6.65	51.01 4.31 -13.07	48.77 4.88 -6.58	42.35 4.26 0.00	39.75 3.71 0.00	37.11 3.07 0.00	33.16 2.65 0.00	31.68 2.50 -0.09	30.93 2.54 -0.48	33.07 2.74 -3.43	34.19 2.39 0.00	40.15 3.20 -1.36	48.87 3.45 -5.33	53.47 3.10 -7.31	46.82 2.76 -2.93	38.39 2.55 -0.89	36.04 2.07 -7.83	34.22 2.21 -4.02
EAST_POINT___SOLAR 323840	36.17 1.69 0.00	33.85 1.48 -0.94	33.12 1.32 -3.08	32.12 1.30 -1.98	33.69 1.37 -2.51	36.62 1.50 -3.80	44.32 1.61 -9.09	50.66 1.81 -15.22	46.97 1.53 -8.14	39.30 1.22 0.00	36.65 0.61 0.00	34.32 0.27 0.00	30.97 0.46 0.00	29.53 0.44 0.00	29.08 0.64 -0.52	32.33 0.75 -4.68	33.08 1.27 0.00	39.22 1.78 -1.85	49.66 2.28 -7.28	55.68 2.63 -9.99	47.57 2.43 -4.00	38.01 1.85 -1.21	38.23 1.39 -10.70	34.88 1.40 -5.49
EAST_PULASKI___ESR 323781	33.48 -1.00 0.00	30.58 -0.91 -0.06	27.98 -0.95 -0.20	28.03 -0.95 -0.13	29.02 -0.96 -0.17	30.59 -0.97 -0.25	33.17 -1.04 -0.60	33.66 -0.98 -1.01	36.68 -1.16 -0.54	36.83 -1.26 0.00	34.85 -1.19 0.00	32.92 -1.12 0.00	29.41 -1.10 0.00	28.01 -1.08 0.00	26.94 -1.00 -0.03	26.32 -0.89 -0.31	30.95 -0.86 0.00	34.68 -1.03 -0.12	39.49 -1.08 -0.48	42.65 -1.07 -0.66	40.42 -0.99 -0.27	34.12 -0.91 -0.08	26.16 -0.70 -0.71	27.52 -0.84 -0.36
EAST_RIVER___1 323558	36.48 2.00 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	31.94 1.64 -1.45	33.37 1.73 -1.83	35.94 1.85 -2.78	42.32 2.05 -6.65	46.82 2.05 -11.14	45.75 2.50 -5.96	40.75 2.67 0.00	38.52 2.48 0.00	36.23 2.18 0.00	32.61 2.10 0.00	32.38 2.07 -1.23	31.62 2.01 -1.70	32.33 1.99 -3.45	33.97 2.16 0.00	39.65 2.70 -1.36	48.39 2.97 -5.33	53.60 3.23 -7.31	47.07 3.00 -2.93	38.32 2.48 -0.89	35.76 1.78 -7.83	33.88 1.88 -4.02
EAST_RIVER___2 323559	36.51 2.03 0.00	34.00 1.89 -0.69	32.70 1.72 -2.25	32.00 1.70 -1.45	33.40 1.76 -1.83	36.01 1.91 -2.78	42.38 2.12 -6.65	46.89 2.12 -11.14	45.83 2.57 -5.96	40.83 2.74 0.00	38.59 2.56 0.00	36.29 2.25 0.00	32.64 2.13 0.00	32.47 2.12 -1.26	31.71 2.07 -1.73	32.36 2.02 -3.45	34.03 2.23 0.00	39.72 2.78 -1.36	48.47 3.05 -5.33	53.69 3.32 -7.31	47.15 3.09 -2.93	38.36 2.52 -0.89	35.81 1.83 -7.83	33.94 1.93 -4.02
EAST___DELAWARE_HYD 23607	35.72 1.24 0.00	33.22 1.16 -0.62	31.80 1.03 -2.04	31.20 1.04 -1.31	32.54 1.07 -1.66	35.02 1.19 -2.52	40.92 1.28 -6.03	44.93 1.21 -10.09	44.11 1.42 -5.40	39.53 1.45 0.00	37.33 1.30 0.00	35.14 1.09 0.00	31.54 1.04 0.00	30.11 1.02 0.00	29.24 0.98 -0.35	31.00 1.00 -3.11	32.92 1.11 0.00	38.31 1.49 -1.23	46.69 1.76 -4.83	51.71 2.02 -6.62	45.73 1.93 -2.65	37.33 1.57 -0.80	34.29 1.05 -7.09	32.78 1.15 -3.64
EIGHT_POINT___WT_PWR 323820	31.71 -2.97 -0.20	28.69 -2.77 -0.02	26.14 -2.56 0.03	26.34 -2.51 0.00	27.50 -2.56 -0.26	29.04 -2.66 -0.39	31.62 -2.79 -0.80	39.40 -2.66 -8.43	43.50 -3.13 -9.33	44.44 -3.28 -9.63	42.00 -3.21 -9.17	39.78 -3.00 -8.73	35.63 -2.84 -7.96	33.97 -2.76 -7.65	32.68 -2.62 -7.39	31.02 -2.39 -6.52	37.20 -2.67 -8.07	41.61 -3.06 -9.08	46.18 -3.45 -9.54	50.13 -3.53 -10.60	48.01 -3.41 -10.28	40.83 -3.08 -8.96	24.64 -2.41 -0.90	25.16 -2.74 0.09
ELBRIDGE_115KV_TB2 80188	33.55 -0.93 0.00	30.67 -0.85 -0.09	28.17 -0.83 -0.29	28.20 -0.84 -0.18	29.21 -0.83 -0.23	30.82 -0.85 -0.35	33.59 -0.87 -0.85	34.21 -0.84 -1.42	37.09 -0.97 -0.76	37.13 -0.95 0.00	35.10 -0.94 0.00	33.19 -0.85 0.00	29.68 -0.82 0.00	28.28 -0.81 0.00	27.24 -0.73 -0.05	26.66 -0.67 -0.44	31.13 -0.67 0.00	34.94 -0.82 -0.17	39.85 -0.92 -0.68	43.00 -0.99 -0.93	40.57 -0.95 -0.37	34.23 -0.84 -0.11	26.44 -0.71 -1.00	27.75 -0.76 -0.51
ELEC_TRO_TEK 24086	36.51 2.03 0.00	33.97 1.85 -0.69	32.67 1.69 -2.25	32.03 1.73 -1.45	33.46 1.82 -1.83	36.07 1.97 -2.78	42.52 2.25 -6.65	49.02 2.32 -13.07	46.64 2.76 -6.58	40.71 2.63 0.00	38.59 2.56 0.00	36.33 2.28 0.00	32.52 2.01 0.00	31.21 2.04 -0.09	30.40 2.01 -0.48	32.37 2.04 -3.43	34.09 2.29 0.00	39.76 2.81 -1.36	48.47 3.05 -5.33	53.60 3.23 -7.31	47.28 3.21 -2.93	38.49 2.66 -0.89	35.97 1.99 -7.83	33.94 1.93 -4.02

ELLENBURG_WT_PWR 323604	34.31 -0.17 0.00	31.21 -0.22 0.00	28.64 -0.09 0.00	28.79 -0.06 0.00	29.75 -0.06 0.00	31.19 -0.12 0.00	33.34 -0.27 0.00	33.29 -0.34 0.00	37.00 -0.30 0.00	37.97 -0.11 0.00	36.07 0.04 0.00	34.08 0.03 0.00	30.48 -0.03 0.00	28.92 -0.17 0.00	27.52 -0.39 0.00	26.33 -0.57 0.00	31.07 -0.73 0.00	34.59 -1.00 0.00	38.85 -1.24 0.00	41.77 -1.29 0.00	39.74 -1.40 0.00	33.73 -1.22 0.00	25.29 -0.86 0.00	27.15 -0.84 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.39 -3.93 0.16	27.86 -3.65 -0.07	25.53 -3.39 -0.20	25.55 -3.43 -0.13	26.27 -3.55 -0.01	27.58 -3.73 0.01	29.61 -4.00 0.01	25.75 -3.80 4.08	28.07 -4.33 4.90	28.30 -4.34 5.44	26.82 -4.04 5.18	25.54 -3.57 4.93	22.60 -3.42 4.49	21.49 -3.29 4.31	20.67 -3.10 4.14	20.61 -2.82 3.46	24.04 -3.21 4.55	26.81 -3.74 5.04	30.90 -4.13 5.06	33.00 -4.52 5.54	31.23 -4.28 5.63	26.18 -3.77 5.00	23.31 -2.85 -0.01	25.17 -3.16 -0.34
EMPIRE_CC_1 323656	35.69 1.21 0.00	33.36 1.13 -0.80	32.37 1.00 -2.64	31.58 1.04 -1.69	33.00 1.04 -2.15	35.61 1.03 -3.26	42.48 1.08 -7.80	47.73 1.04 -13.05	45.40 1.12 -6.98	39.23 1.14 0.00	36.97 0.94 0.00	34.93 0.88 0.00	31.36 0.85 0.00	29.99 0.90 0.00	29.20 0.84 -0.45	31.74 0.83 -4.02	32.73 0.92 0.00	38.35 1.17 -1.59	47.66 1.32 -6.25	52.92 1.29 -8.57	45.89 1.32 -3.43	37.18 1.19 -1.04	36.24 0.91 -9.17	33.74 1.04 -4.71
EMPIRE_CC_2 323658	35.69 1.21 0.00	33.36 1.13 -0.80	32.37 1.00 -2.64	31.58 1.04 -1.69	33.00 1.04 -2.15	35.61 1.03 -3.26	42.48 1.08 -7.80	47.73 1.04 -13.05	45.40 1.12 -6.98	39.23 1.14 0.00	36.97 0.94 0.00	34.93 0.88 0.00	31.36 0.85 0.00	29.99 0.90 0.00	29.20 0.84 -0.45	31.74 0.83 -4.02	32.73 0.92 0.00	38.35 1.17 -1.59	47.66 1.32 -6.25	52.92 1.29 -8.57	45.89 1.32 -3.43	37.18 1.19 -1.04	36.24 0.91 -9.17	33.74 1.04 -4.71
ENORWICH_115KV_TB1 80156	35.35 0.72 -0.15	32.36 0.63 -0.30	30.23 0.46 -1.05	30.00 0.49 -0.66	31.32 0.54 -0.98	33.45 0.63 -1.51	37.74 0.50 -3.62	43.86 0.74 -9.49	45.29 0.63 -7.36	43.07 0.42 -4.56	40.67 0.29 -4.34	38.25 0.07 -4.13	34.21 -0.06 -3.76	32.53 -0.17 -3.61	31.42 -0.17 -3.68	31.80 0.13 -4.77	36.13 0.51 -3.82	41.34 0.78 -4.97	48.49 1.24 -7.15	52.95 1.25 -8.64	48.69 1.23 -6.32	40.64 1.01 -4.68	30.87 0.47 -4.25	30.25 0.36 -1.89
ERIE_ST__34_KV_TB1-2 80199	30.85 -3.48 0.15	28.11 -3.39 -0.07	25.82 -3.10 -0.20	25.81 -3.17 -0.13	26.55 -3.28 -0.02	27.88 -3.44 -0.01	29.68 -3.97 -0.03	26.33 -3.53 3.77	28.77 -3.95 4.57	28.94 -4.04 5.11	27.35 -3.82 4.86	25.88 -3.54 4.63	23.03 -3.26 4.21	21.99 -3.05 4.05	21.07 -2.96 3.88	20.84 -2.82 3.23	24.25 -3.28 4.27	27.17 -3.70 4.72	31.28 -4.09 4.72	33.38 -4.52 5.16	31.72 -4.16 5.27	26.73 -3.53 4.69	23.59 -2.62 -0.05	25.28 -3.05 -0.34
ERIE_WT_PWR 323693	30.53 -3.79 0.15	27.98 -3.52 -0.07	25.62 -3.30 -0.20	25.64 -3.35 -0.13	26.37 -3.46 -0.02	27.68 -3.63 0.00	29.66 -3.97 -0.02	26.04 -3.70 3.89	28.39 -4.21 4.70	28.51 -4.34 5.23	27.09 -3.96 4.98	25.94 -3.37 4.74	22.87 -3.32 4.31	21.75 -3.20 4.14	20.89 -3.04 3.98	20.75 -2.82 3.32	24.31 -3.12 4.38	27.05 -3.70 4.84	31.15 -4.09 4.85	33.19 -4.57 5.31	31.50 -4.24 5.40	26.51 -3.64 4.81	23.47 -2.72 -0.04	25.22 -3.11 -0.34
ESPRGFLD_115KV_TB1 80157	35.20 0.72 0.00	32.06 0.63 0.00	29.24 0.52 0.00	29.37 0.52 0.00	30.37 0.57 0.00	31.94 0.63 0.00	34.29 0.67 0.00	34.47 0.84 0.00	38.12 0.82 0.00	38.81 0.72 0.00	36.54 0.50 0.00	34.39 0.34 0.00	30.84 0.34 0.00	29.38 0.29 0.00	28.25 0.33 0.00	27.27 0.38 0.00	32.44 0.64 0.00	36.52 0.93 0.00	41.29 1.20 0.00	44.40 1.33 0.00	42.38 1.23 0.00	35.89 0.94 0.00	26.78 0.63 0.00	28.61 0.62 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.58 -0.24 -0.34	31.51 -0.28 -0.36	29.75 -0.32 -1.35	29.40 -0.29 -0.84	30.90 -0.30 -1.39	33.20 -0.28 -2.17	38.58 -0.24 -5.20	50.08 -0.20 -16.65	51.23 -0.26 -14.19	48.34 -0.30 -10.56	45.73 -0.36 -10.05	43.24 -0.37 -9.57	38.78 -0.43 -8.70	37.01 -0.44 -8.36	35.85 -0.39 -8.33	36.02 -0.27 -9.40	40.54 -0.10 -8.83	46.33 -0.11 -10.84	54.10 0.00 -14.01	59.56 0.00 -16.50	54.37 0.00 -13.23	45.32 -0.03 -10.40	32.08 -0.16 -6.09	30.23 -0.22 -2.46
ETNA____115KV_TB2 80207	34.58 -0.24 -0.34	31.51 -0.28 -0.36	29.75 -0.32 -1.35	29.40 -0.29 -0.84	30.90 -0.30 -1.39	33.20 -0.28 -2.17	38.58 -0.24 -5.20	50.08 -0.20 -16.65	51.23 -0.26 -14.19	48.34 -0.30 -10.56	45.73 -0.36 -10.05	43.24 -0.37 -9.57	38.78 -0.43 -8.70	37.01 -0.44 -8.36	35.85 -0.39 -8.33	36.02 -0.27 -9.40	40.54 -0.10 -8.83	46.33 -0.11 -10.84	54.10 0.00 -14.01	59.56 0.00 -16.50	54.37 0.00 -13.23	45.32 -0.03 -10.40	32.08 -0.16 -6.09	30.23 -0.22 -2.46
EUCLID____115KV_TB2 356179	33.38 -1.10 0.00	30.50 -1.01 -0.07	27.98 -0.98 -0.24	28.02 -0.98 -0.15	29.02 -0.98 -0.19	30.57 -1.03 -0.29	33.27 -1.04 -0.70	33.80 -1.01 -1.18	36.77 -1.16 -0.63	36.94 -1.14 0.00	34.92 -1.12 0.00	33.06 -0.99 0.00	29.56 -0.95 0.00	28.16 -0.93 0.00	27.09 -0.87 -0.04	26.45 -0.81 -0.36	30.98 -0.83 0.00	34.70 -1.03 -0.14	39.49 -1.16 -0.56	42.58 -1.25 -0.77	40.26 -1.19 -0.31	34.00 -1.05 -0.09	26.14 -0.84 -0.83	27.52 -0.90 -0.42
E_CANADA_CAP_HY 24051	35.62 1.14 0.00	33.38 0.98 -0.97	32.78 0.86 -3.20	31.77 0.86 -2.05	33.31 0.89 -2.60	36.27 1.00 -3.95	44.10 1.04 -9.44	50.69 1.25 -15.81	46.87 1.12 -8.45	39.07 0.99 0.00	36.68 0.65 0.00	34.46 0.41 0.00	30.93 0.43 0.00	29.47 0.38 0.00	28.93 0.47 -0.54	32.27 0.51 -4.86	32.56 0.76 0.00	38.69 1.17 -1.92	49.22 1.56 -7.57	55.25 1.81 -10.38	46.98 1.69 -4.15	37.47 1.26 -1.26	38.20 0.94 -11.11	34.62 0.92 -5.70
E_CANADA_MHWK_HY 24050	34.93 0.45 0.00	31.78 0.35 0.00	29.01 0.29 0.00	29.14 0.29 0.00	30.11 0.30 0.00	31.62 0.31 0.00	33.92 0.30 0.00	33.97 0.34 0.00	37.63 0.33 0.00	38.54 0.46 0.00	36.50 0.47 0.00	34.46 0.41 0.00	30.87 0.37 0.00	29.44 0.35 0.00	28.22 0.31 0.00	27.22 0.32 0.00	32.15 0.35 0.00	35.98 0.39 0.00	40.49 0.40 0.00	43.54 0.47 0.00	41.59 0.45 0.00	35.34 0.39 0.00	26.39 0.23 0.00	28.24 0.25 0.00
E_FISHKILL____LBMP 23776	36.03 1.55 0.00	33.57 1.45 -0.70	32.33 1.32 -2.29	31.65 1.33 -1.47	33.04 1.37 -1.86	35.61 1.47 -2.83	41.98 1.61 -6.76	46.56 1.61 -11.31	45.25 1.90 -6.05	40.03 1.94 0.00	37.87 1.84 0.00	35.68 1.63 0.00	32.03 1.53 0.00	30.62 1.54 0.01	29.77 1.48 -0.38	31.85 1.48 -3.48	33.49 1.69 0.00	39.00 2.03 -1.38	47.71 2.21 -5.41	52.90 2.41 -7.42	46.42 2.30 -2.97	37.74 1.89 -0.90	35.49 1.39 -7.95	33.53 1.46 -4.08
FALCON____SEABRD_CC1 323796	34.72 0.24 0.00	31.56 0.13 0.00	28.98 0.26 0.00	29.11 0.26 0.00	30.11 0.30 0.00	31.56 0.25 0.00	33.75 0.13 0.00	33.66 0.03 0.00	37.45 0.15 0.00	38.47 0.38 0.00	36.58 0.54 0.00	34.59 0.54 0.00	30.90 0.40 0.00	29.27 0.18 0.00	27.80 -0.11 0.00	26.54 -0.35 0.00	31.29 -0.51 0.00	34.70 -0.89 0.00	38.89 -1.20 0.00	41.86 -1.21 0.00	39.78 -1.36 0.00	33.73 -1.22 0.00	25.24 -0.92 0.00	27.09 -0.90 0.00

FALCON___SEABRD_CC2 323797	34.72 0.24 0.00	31.56 0.13 0.00	28.98 0.26 0.00	29.11 0.26 0.00	30.11 0.30 0.00	31.56 0.25 0.00	33.75 0.13 0.00	33.66 0.03 0.00	37.45 0.15 0.00	38.47 0.38 0.00	36.58 0.54 0.00	34.59 0.54 0.00	30.90 0.40 0.00	29.27 0.18 0.00	27.80 -0.11 0.00	26.54 -0.35 0.00	31.29 -0.51 0.00	34.70 -0.89 0.00	38.89 -1.20 0.00	41.86 -1.21 0.00	39.78 -1.36 0.00	33.73 -1.22 0.00	25.24 -0.92 0.00	27.09 -0.90 0.00
FAR ROCKAWAY___4 23548	36.89 2.41 0.00	34.29 2.17 -0.69	32.96 1.98 -2.25	32.31 2.02 -1.45	33.76 2.12 -1.83	36.38 2.29 -2.78	42.85 2.59 -6.65	49.39 2.69 -13.07	47.01 3.13 -6.58	41.09 3.01 0.00	38.99 2.95 0.00	36.67 2.62 0.00	32.83 2.32 0.00	31.50 2.33 -0.09	30.68 2.29 -0.48	32.67 2.34 -3.43	34.44 2.64 0.00	40.15 3.20 -1.36	48.95 3.53 -5.33	54.12 3.75 -7.31	47.77 3.70 -2.93	38.88 3.04 -0.89	36.25 2.28 -7.83	34.22 2.21 -4.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.48 2.00 0.00	33.94 1.82 -0.69	32.61 1.64 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.32 2.05 -6.65	46.85 2.09 -11.14	45.75 2.50 -5.96	40.71 2.63 0.00	38.52 2.49 0.00	36.29 2.25 0.00	32.58 2.07 0.00	32.46 2.07 -1.30	31.69 2.01 -1.77	32.33 1.99 -3.45	34.06 2.26 0.00	39.62 2.67 -1.36	48.35 2.93 -5.33	53.60 3.23 -7.31	47.11 3.04 -2.93	38.32 2.48 -0.89	35.78 1.80 -7.83	33.91 1.90 -4.02
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.48 2.00 0.00	33.94 1.82 -0.69	32.61 1.64 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.32 2.05 -6.65	46.85 2.09 -11.14	45.75 2.50 -5.96	40.71 2.63 0.00	38.52 2.49 0.00	36.29 2.25 0.00	32.58 2.07 0.00	32.46 2.07 -1.30	31.69 2.01 -1.77	32.33 1.99 -3.45	34.06 2.26 0.00	39.62 2.67 -1.36	48.39 2.97 -5.33	53.60 3.23 -7.31	47.11 3.04 -2.93	38.32 2.48 -0.89	35.78 1.80 -7.83	33.91 1.90 -4.02
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.44 1.97 0.00	33.91 1.79 -0.69	32.61 1.64 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.28 2.02 -6.65	46.82 2.05 -11.14	45.75 2.50 -5.96	40.67 2.59 0.00	38.52 2.49 0.00	36.26 2.21 0.00	32.58 2.07 0.00	32.46 2.07 -1.30	31.67 1.98 -1.77	32.30 1.96 -3.45	34.03 2.23 0.00	39.62 2.67 -1.36	48.35 2.93 -5.33	53.60 3.23 -7.31	47.07 3.00 -2.93	38.28 2.45 -0.89	35.78 1.80 -7.83	33.91 1.90 -4.02
FARRAGUT___LBMP 323566	36.44 1.97 0.00	33.91 1.79 -0.69	32.58 1.61 -2.25	31.91 1.62 -1.45	33.31 1.67 -1.83	35.91 1.82 -2.78	42.28 2.02 -6.65	46.82 2.05 -11.14	45.72 2.46 -5.96	40.64 2.55 0.00	38.48 2.45 0.00	36.26 2.21 0.00	32.55 2.04 0.00	32.43 2.04 -1.30	31.67 1.98 -1.77	32.30 1.96 -3.45	34.03 2.23 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.56 3.19 -7.31	47.03 2.96 -2.93	38.28 2.45 -0.89	35.76 1.78 -7.83	33.88 1.88 -4.02
FENNER___WINDPWR 24204	34.68 0.14 -0.06	31.69 0.13 -0.13	29.24 0.06 -0.46	29.20 0.06 -0.29	30.29 0.06 -0.42	32.05 0.09 -0.65	35.23 0.07 -1.55	37.69 0.14 -3.92	40.39 0.11 -2.97	39.91 0.08 -1.75	37.74 0.04 -1.67	35.63 0.00 -1.59	31.92 -0.03 -1.44	30.39 -0.09 -1.39	29.28 -0.06 -1.42	28.84 0.03 -1.92	33.46 0.19 -1.47	37.71 0.18 -1.94	43.25 0.28 -2.88	46.90 0.34 -3.50	44.01 0.37 -2.50	37.05 0.28 -1.82	28.08 0.11 -1.82	28.87 0.06 -0.82
FIBERTEK___ENERGY 23856	33.76 -0.72 0.00	30.82 -0.69 -0.08	28.31 -0.69 -0.27	28.36 -0.66 -0.18	29.35 -0.69 -0.22	30.96 -0.69 -0.34	33.75 -0.67 -0.81	34.34 -0.64 -1.35	37.28 -0.75 -0.72	37.36 -0.72 0.00	35.31 -0.72 0.00	33.40 -0.65 0.00	29.87 -0.64 0.00	28.45 -0.64 0.00	27.37 -0.59 -0.05	26.80 -0.51 -0.42	31.33 -0.48 0.00	35.11 -0.64 -0.16	40.06 -0.68 -0.65	43.22 -0.73 -0.89	40.80 -0.70 -0.35	34.39 -0.66 -0.11	26.55 -0.55 -0.95	27.86 -0.62 -0.49
FITZPATRICK____ 23598	33.13 -1.35 0.00	30.29 -1.19 -0.05	27.72 -1.18 -0.18	27.81 -1.15 -0.11	28.76 -1.19 -0.14	30.31 -1.22 -0.22	32.86 -1.28 -0.52	33.22 -1.28 -0.87	36.31 -1.46 -0.47	36.60 -1.49 0.00	34.66 -1.37 0.00	32.82 -1.22 0.00	29.32 -1.19 0.00	27.93 -1.16 0.00	26.85 -1.09 -0.03	26.17 -0.99 -0.27	30.72 -1.08 0.00	34.34 -1.35 -0.11	39.03 -1.48 -0.42	42.00 -1.64 -0.57	39.85 -1.52 -0.23	33.69 -1.33 -0.07	25.74 -1.02 -0.61	27.18 -1.12 -0.31
FLOWRFLD_69_KV_BK1 356044	36.89 2.41 0.00	34.29 2.17 -0.69	33.07 2.10 -2.25	32.46 2.16 -1.45	33.97 2.33 -1.83	36.66 2.57 -2.78	43.19 2.92 -6.65	49.80 3.09 -13.07	47.46 3.58 -6.58	41.13 3.05 0.00	38.92 2.88 0.00	36.67 2.62 0.00	32.76 2.26 0.00	31.48 2.30 -0.09	30.73 2.34 -0.48	32.72 2.39 -3.43	34.38 2.58 0.00	40.22 3.27 -1.36	49.23 3.81 -5.33	54.16 3.79 -7.31	48.06 3.99 -2.93	39.05 3.22 -0.89	36.46 2.48 -7.83	34.39 2.38 -4.02
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.38 1.90 0.00	33.84 1.73 -0.68	32.54 1.58 -2.24	31.85 1.56 -1.44	33.27 1.64 -1.83	35.84 1.75 -2.77	42.15 1.92 -6.62	46.57 1.85 -11.09	45.39 2.16 -5.93	40.29 2.21 0.00	38.09 2.05 0.00	35.88 1.84 0.00	32.18 1.68 0.00	30.75 1.66 0.00	29.89 1.59 -0.38	31.86 1.56 -3.41	33.62 1.81 0.00	39.11 2.17 -1.35	47.84 2.45 -5.31	53.09 2.76 -7.28	46.69 2.63 -2.91	38.00 2.17 -0.88	35.46 1.52 -7.79	33.64 1.65 -4.00
FORT ORANGE____ 23900	35.96 1.48 0.00	33.58 1.32 -0.83	32.59 1.15 -2.72	31.84 1.24 -1.75	33.22 1.19 -2.22	35.89 1.22 -3.36	42.96 1.31 -8.03	48.39 1.31 -13.45	45.91 1.42 -7.19	39.57 1.48 0.00	37.33 1.30 0.00	35.20 1.16 0.00	31.57 1.07 0.00	30.17 1.08 0.00	29.38 1.00 -0.46	32.00 0.97 -4.14	32.98 1.18 0.00	38.65 1.43 -1.64	48.21 1.68 -6.44	53.70 1.81 -8.83	46.44 1.77 -3.53	37.49 1.47 -1.07	36.68 1.07 -9.46	34.02 1.18 -4.85
FORT_DRUM_COGEN 23780	34.20 -0.28 0.00	31.19 -0.28 -0.04	28.52 -0.34 -0.14	28.60 -0.35 -0.09	29.57 -0.36 -0.12	31.14 -0.34 -0.18	33.53 -0.50 -0.42	33.93 -0.40 -0.70	37.08 -0.60 -0.38	37.28 -0.80 0.00	35.21 -0.83 0.00	33.13 -0.92 0.00	29.65 -0.85 0.00	28.19 -0.90 0.00	27.04 -0.89 -0.02	26.38 -0.73 -0.22	31.20 -0.60 0.00	35.21 -0.46 -0.09	40.31 -0.12 -0.34	43.48 -0.04 -0.46	41.37 0.04 -0.18	35.01 0.00 -0.06	26.41 -0.24 -0.49	27.88 -0.36 -0.25
FOX_HILLS___ESR 323835	52.33 2.31 -15.54	49.61 2.14 -16.04	40.74 1.90 -10.12	32.40 1.96 -1.59	33.78 2.03 -1.94	51.62 2.07 -18.24	52.30 2.29 -16.40	52.40 2.29 -16.48	52.90 2.72 -12.88	54.30 2.78 -13.44	55.27 2.59 -16.64	55.26 2.35 -18.86	56.02 2.17 -23.35	57.23 2.12 -26.02	57.05 2.09 -27.05	60.33 2.07 -31.36	57.29 2.39 -23.10	59.26 2.85 -20.83	58.18 3.13 -14.97	95.38 3.44 -48.88	58.35 3.21 -14.00	53.26 2.69 -15.62	53.05 2.01 -24.88	52.31 2.21 -22.11
FPL FAR_ROCK_GT1 24212	36.89 2.41 0.00	34.35 2.23 -0.69	33.01 2.04 -2.25	32.31 2.02 -1.45	33.76 2.12 -1.83	36.38 2.28 -2.78	42.85 2.59 -6.65	49.39 2.69 -13.07	47.01 3.13 -6.58	41.21 3.12 0.00	39.06 3.03 0.00	36.63 2.59 0.00	32.86 2.35 0.00	31.51 2.33 -0.09	30.68 2.29 -0.48	32.69 2.37 -3.43	34.35 2.55 0.00	40.15 3.20 -1.36	48.91 3.49 -5.33	54.11 3.74 -7.31	47.64 3.58 -2.93	38.91 3.08 -0.89	36.20 2.22 -7.83	34.22 2.21 -4.02

FPL FAR_ROCK_GT2 23815	36.89 2.41 0.00	34.35 2.23 -0.69	33.01 2.04 -2.25	32.31 2.02 -1.45	33.76 2.12 -1.83	36.38 2.28 -2.78	42.85 2.59 -6.65	49.39 2.69 -13.07	47.01 3.13 -6.58	41.21 3.12 0.00	39.06 3.03 0.00	36.63 2.59 0.00	32.86 2.35 0.00	31.51 2.33 -0.09	30.68 2.29 -0.48	32.69 2.37 -3.43	34.35 2.55 0.00	40.15 3.20 -1.36	48.91 3.49 -5.33	54.11 3.74 -7.31	47.64 3.58 -2.93	38.91 3.08 -0.89	36.20 2.22 -7.83	34.22 2.21 -4.02
FRANKLIN_FALL_HYD 24054	34.58 0.10 0.00	31.53 0.09 0.00	28.92 0.20 0.00	29.02 0.17 0.00	29.99 0.18 0.00	31.47 0.16 0.00	33.68 0.07 0.00	33.66 0.03 0.00	37.41 0.11 0.00	38.31 0.23 0.00	36.36 0.32 0.00	34.45 0.41 0.00	30.78 0.27 0.00	29.24 0.15 0.00	27.86 -0.06 0.00	26.73 -0.16 0.00	31.58 -0.22 0.00	35.27 -0.32 0.00	39.61 -0.48 0.00	42.59 -0.47 0.00	40.57 -0.58 0.00	34.46 -0.49 0.00	25.81 -0.34 0.00	27.54 -0.45 0.00
FREEPORT_EQUS_GT1 23764	36.69 2.21 0.00	34.19 2.07 -0.69	32.87 1.90 -2.25	32.14 1.85 -1.45	33.61 1.97 -1.83	36.23 2.13 -2.78	42.72 2.45 -6.65	49.26 2.55 -13.07	46.87 2.99 -6.58	41.02 2.93 0.00	38.88 2.85 0.00	36.43 2.38 0.00	32.67 2.17 0.00	31.33 2.15 -0.09	30.54 2.15 -0.48	32.56 2.23 -3.43	34.19 2.39 0.00	39.97 3.02 -1.36	48.71 3.29 -5.33	53.86 3.49 -7.31	47.40 3.33 -2.93	38.74 2.90 -0.89	36.10 2.12 -7.83	34.08 2.07 -4.02
FREEPORT___CT2 23818	36.69 2.21 0.00	34.19 2.07 -0.69	32.87 1.90 -2.25	32.14 1.85 -1.45	33.61 1.97 -1.83	36.23 2.13 -2.78	42.72 2.45 -6.65	49.26 2.55 -13.07	46.87 2.99 -6.58	41.02 2.93 0.00	38.88 2.85 0.00	36.43 2.38 0.00	32.67 2.17 0.00	31.33 2.15 -0.09	30.54 2.15 -0.48	32.56 2.23 -3.43	34.19 2.39 0.00	39.97 3.02 -1.36	48.71 3.29 -5.33	53.86 3.49 -7.31	47.40 3.33 -2.93	38.74 2.90 -0.89	36.10 2.12 -7.83	34.08 2.07 -4.02
FRESHKLS_33_KV_LOAD 356253	52.30 2.28 -15.54	49.61 2.14 -16.04	40.71 1.87 -10.12	32.40 1.96 -1.59	33.78 2.03 -1.94	51.59 2.04 -18.24	52.23 2.22 -16.40	52.33 2.22 -16.48	52.79 2.61 -12.88	52.71 2.67 -11.96	53.30 2.45 -14.81	53.04 2.21 -16.78	53.32 2.04 -20.77	53.32 2.01 -22.22	54.53 1.98 -24.64	55.68 1.96 -26.83	54.61 2.26 -20.55	56.96 2.70 -18.66	57.01 3.01 -13.91	59.14 3.32 -12.76	57.01 3.09 -12.79	53.19 2.62 -15.62	52.99 1.96 -24.88	52.31 2.21 -22.11
FULTON COGEN____ 23766	33.31 -1.17 0.00	30.40 -1.10 -0.07	27.88 -1.06 -0.22	27.93 -1.07 -0.14	28.92 -1.07 -0.18	30.49 -1.10 -0.28	33.13 -1.14 -0.66	33.63 -1.11 -1.11	36.62 -1.27 -0.59	36.83 -1.26 0.00	34.81 -1.23 0.00	32.92 -1.12 0.00	29.44 -1.07 0.00	28.04 -1.05 0.00	26.97 -0.98 -0.04	26.35 -0.89 -0.34	30.88 -0.92 0.00	34.55 -1.17 -0.13	39.34 -1.28 -0.53	42.41 -1.38 -0.73	40.11 -1.32 -0.29	33.89 -1.15 -0.09	26.01 -0.92 -0.78	27.41 -0.98 -0.40
FULTON___LFGE 323630	36.07 1.59 0.00	33.71 1.35 -0.93	32.98 1.21 -3.05	32.02 1.21 -1.96	33.57 1.28 -2.48	36.45 1.38 -3.77	44.09 1.48 -9.00	50.35 1.65 -15.07	46.96 1.60 -8.06	39.65 1.56 0.00	37.19 1.15 0.00	34.97 0.92 0.00	31.36 0.85 0.00	29.88 0.79 0.00	29.30 0.87 -0.52	32.39 0.86 -4.64	32.98 1.18 0.00	39.06 1.64 -1.83	49.39 2.08 -7.21	55.27 2.32 -9.89	47.28 2.18 -3.96	37.83 1.68 -1.20	38.00 1.26 -10.59	34.72 1.29 -5.44
G.F.CEMENT___DRP 24184	36.51 2.03 0.00	34.14 1.85 -0.86	33.21 1.67 -2.82	32.33 1.67 -1.81	33.84 1.73 -2.30	36.62 1.82 -3.49	43.90 1.95 -8.34	49.74 2.15 -13.96	47.00 2.24 -7.46	40.41 2.32 0.00	37.94 1.91 0.00	35.78 1.74 0.00	31.94 1.43 0.00	30.43 1.34 0.00	29.70 1.31 -0.48	32.48 1.29 -4.29	33.39 1.59 0.00	39.35 2.06 -1.70	49.26 2.49 -6.68	54.93 2.71 -9.16	47.36 2.55 -3.67	38.09 2.03 -1.11	37.48 1.52 -9.81	34.68 1.65 -5.04
GARDENVILLE___LBMP 24039	30.46 -3.86 0.16	27.89 -3.61 -0.07	25.56 -3.36 -0.20	25.58 -3.40 -0.13	26.33 -3.49 -0.01	27.65 -3.66 0.00	29.62 -4.00 -0.01	25.89 -3.77 3.98	28.22 -4.29 4.79	28.45 -4.30 5.33	26.96 -4.00 5.07	25.64 -3.57 4.83	22.73 -3.39 4.39	21.61 -3.26 4.22	20.76 -3.10 4.05	20.69 -2.82 3.38	24.10 -3.24 4.46	26.92 -3.74 4.94	31.01 -4.13 4.95	33.12 -4.52 5.42	31.39 -4.24 5.51	26.31 -3.74 4.90	23.35 -2.82 -0.02	25.19 -3.13 -0.34
GARDNVLA_35_KV_LD 355827	30.60 -3.72 0.15	28.02 -3.49 -0.07	25.67 -3.25 -0.20	25.69 -3.29 -0.13	26.43 -3.40 -0.02	27.75 -3.57 0.00	29.73 -3.90 -0.02	26.16 -3.63 3.84	28.55 -4.10 4.65	28.75 -4.15 5.18	27.25 -3.86 4.93	25.91 -3.44 4.69	22.97 -3.26 4.27	21.87 -3.11 4.10	21.01 -2.96 3.94	20.90 -2.72 3.28	24.35 -3.12 4.33	27.20 -3.59 4.79	31.32 -3.97 4.80	33.42 -4.39 5.25	31.72 -4.07 5.35	26.59 -3.60 4.76	23.50 -2.69 -0.04	25.28 -3.05 -0.34
GELCKHM___115KV_LOAD 80723	33.51 -0.97 0.00	30.60 -0.91 -0.08	28.11 -0.86 -0.25	28.15 -0.87 -0.16	29.12 -0.89 -0.20	30.71 -0.91 -0.31	33.45 -0.91 -0.74	34.00 -0.87 -1.24	36.96 -1.01 -0.66	37.09 -0.99 0.00	35.06 -0.97 0.00	33.16 -0.89 0.00	29.65 -0.85 0.00	28.25 -0.84 0.00	27.20 -0.75 -0.04	26.58 -0.70 -0.38	31.10 -0.89 0.00	34.85 -1.00 -0.15	39.68 -1.08 -0.59	42.80 -1.08 -0.81	40.44 -1.03 -0.33	34.14 -0.91 -0.10	26.29 -0.73 -0.87	27.65 -0.78 -0.45
GENERAL___MILLS 23808	30.53 -3.79 0.15	27.95 -3.55 -0.07	25.62 -3.30 -0.20	25.64 -3.35 -0.13	26.37 -3.46 -0.02	27.68 -3.63 0.00	29.66 -3.97 -0.02	26.04 -3.70 3.89	28.39 -4.21 4.70	28.63 -4.23 5.23	27.09 -3.96 4.98	25.77 -3.54 4.74	22.87 -3.33 4.31	21.75 -3.20 4.14	20.89 -3.04 3.98	20.78 -2.80 3.32	24.25 -3.18 4.38	27.08 -3.67 4.84	31.19 -4.05 4.85	33.28 -4.48 5.31	31.54 -4.20 5.40	26.48 -3.67 4.81	23.42 -2.77 -0.04	25.22 -3.11 -0.34
GE_PLASTICS___DRP 24183	35.65 1.17 0.00	33.30 1.04 -0.83	32.39 0.95 -2.72	31.55 0.95 -1.75	33.01 0.98 -2.22	35.71 1.03 -3.36	42.72 1.08 -8.04	48.16 1.08 -13.46	45.69 1.19 -7.19	39.30 1.22 0.00	37.12 1.08 0.00	35.07 1.02 0.00	31.45 0.95 0.00	30.02 0.93 0.00	29.27 0.89 -0.46	31.89 0.86 -4.14	32.85 1.05 0.00	38.47 1.25 -1.64	47.93 1.40 -6.44	53.40 1.51 -8.83	46.12 1.44 -3.53	37.25 1.22 -1.07	36.50 0.89 -9.46	33.82 0.98 -4.85
GILBOA___1 23756	35.34 0.86 0.00	32.87 0.79 -0.66	31.60 0.72 -2.16	30.96 0.72 -1.39	32.31 0.75 -1.76	34.76 0.78 -2.67	40.87 0.87 -6.38	45.19 0.87 -10.68	43.98 0.97 -5.71	39.11 1.03 0.00	36.94 0.90 0.00	34.83 0.78 0.00	31.36 0.85 0.00	29.93 0.84 0.00	29.12 0.84 -0.37	30.93 0.75 -3.29	32.63 0.83 0.00	37.96 1.07 -1.30	46.41 1.20 -5.11	51.36 1.29 -7.01	45.18 1.23 -2.81	36.82 1.01 -0.85	34.39 0.73 -7.51	32.63 0.78 -3.85
GILBOA___2 23757	35.34 0.86 0.00	32.87 0.79 -0.66	31.60 0.72 -2.16	30.96 0.72 -1.39	32.31 0.75 -1.76	34.76 0.78 -2.67	40.87 0.87 -6.38	45.19 0.87 -10.68	43.98 0.97 -5.71	39.11 1.03 0.00	36.94 0.90 0.00	34.83 0.78 0.00	31.36 0.85 0.00	29.93 0.84 0.00	29.12 0.84 -0.37	30.93 0.75 -3.29	32.63 0.83 0.00	37.96 1.07 -1.30	46.41 1.20 -5.11	51.36 1.29 -7.01	45.18 1.23 -2.81	36.82 1.01 -0.85	34.39 0.73 -7.51	32.63 0.78 -3.85

GILBOA___3 23758	35.34 0.86 0.00	32.87 0.79 -0.66	31.60 0.72 -2.16	30.96 0.72 -1.39	32.31 0.75 -1.76	34.76 0.78 -2.67	40.87 0.87 -6.38	45.19 0.87 -10.68	43.98 0.97 -5.71	39.11 1.03 0.00	36.94 0.90 0.00	34.83 0.78 0.00	31.36 0.85 0.00	29.93 0.84 0.00	29.12 0.84 -0.37	30.93 0.75 -3.29	32.63 0.83 0.00	37.96 1.07 -1.30	46.41 1.20 -5.11	51.36 1.29 -7.01	45.18 1.23 -2.81	36.82 1.01 -0.85	34.39 0.73 -7.51	32.63 0.78 -3.85
GILBOA___4 23759	35.34 0.86 0.00	32.87 0.79 -0.66	31.60 0.72 -2.16	30.96 0.72 -1.39	32.31 0.75 -1.76	34.76 0.78 -2.67	40.87 0.87 -6.38	45.19 0.87 -10.68	43.98 0.97 -5.71	39.11 1.03 0.00	36.94 0.90 0.00	34.83 0.78 0.00	31.36 0.85 0.00	29.93 0.84 0.00	29.12 0.84 -0.37	30.93 0.75 -3.29	32.63 0.83 0.00	37.96 1.07 -1.30	46.41 1.20 -5.11	51.36 1.29 -7.01	45.18 1.23 -2.81	36.82 1.01 -0.85	34.39 0.73 -7.51	32.63 0.78 -3.85
GILBOA___ 23599	35.34 0.86 0.00	32.87 0.79 -0.66	31.60 0.72 -2.16	30.96 0.72 -1.39	32.31 0.75 -1.76	34.76 0.78 -2.67	40.83 0.84 -6.38	45.19 0.87 -10.68	43.98 0.97 -5.71	39.07 0.99 0.00	36.93 0.90 0.00	34.86 0.82 0.00	31.36 0.85 0.00	29.93 0.84 0.00	29.12 0.84 -0.37	30.91 0.73 -3.29	32.66 0.86 0.00	37.96 1.07 -1.30	46.37 1.16 -5.11	51.36 1.29 -7.01	45.14 1.19 -2.81	36.82 1.01 -0.85	34.39 0.73 -7.51	32.63 0.78 -3.85
GINNA___ 23603	30.92 -3.52 0.04	28.36 -3.14 -0.07	25.82 -3.10 -0.20	25.89 -3.09 -0.13	26.77 -3.16 -0.13	28.27 -3.22 -0.18	30.65 -3.39 -0.43	30.01 -3.36 0.26	32.70 -3.80 0.79	32.86 -3.92 1.30	31.30 -3.49 1.24	29.97 -2.89 1.18	26.45 -2.99 1.07	25.09 -2.97 1.03	24.18 -2.76 0.97	23.73 -2.56 0.61	28.01 -2.70 1.09	31.05 -3.42 1.12	35.66 -3.57 0.87	38.03 -4.18 0.86	36.11 -3.87 1.16	30.42 -3.39 1.14	24.10 -2.56 -0.51	25.51 -2.83 -0.35
GLEN PARK___ 23778	34.38 -0.10 0.00	31.35 -0.13 -0.04	28.64 -0.23 -0.15	28.71 -0.23 -0.09	29.72 -0.21 -0.12	31.31 -0.19 -0.18	33.68 -0.37 -0.43	34.12 -0.23 -0.73	37.20 -0.49 -0.39	37.36 -0.72 0.00	35.31 -0.72 0.00	33.20 -0.85 0.00	29.71 -0.79 0.00	28.25 -0.84 0.00	27.07 -0.87 -0.03	26.47 -0.65 -0.22	31.36 -0.45 0.00	35.36 -0.32 -0.09	40.32 -0.12 -0.35	43.75 0.22 -0.48	41.62 0.29 -0.19	35.22 0.21 -0.06	26.56 -0.10 -0.51	28.03 -0.22 -0.26
GLENDALE_27_KV_LOAD 356172	37.33 2.28 -0.58	34.17 2.04 -0.69	33.14 1.87 -2.55	32.18 1.88 -1.46	33.59 1.94 -1.84	36.74 2.07 -3.36	42.95 2.32 -7.02	47.33 2.35 -11.34	46.32 2.80 -6.22	42.90 2.89 -1.92	41.19 2.77 -2.39	39.27 2.52 -2.70	36.17 2.32 -3.35	37.24 2.27 -5.88	35.15 2.21 -5.03	37.92 2.18 -8.85	37.63 2.51 -3.31	42.74 2.99 -4.16	50.09 3.29 -6.71	90.33 3.62 -43.65	49.03 3.37 -4.51	39.15 2.76 -1.44	36.63 2.01 -8.46	34.81 2.13 -4.69
GLENWOOD_IC_1_G5 23712	36.65 2.17 0.00	34.10 1.98 -0.69	32.78 1.81 -2.25	32.14 1.85 -1.45	33.58 1.94 -1.83	36.19 2.10 -2.78	42.65 2.39 -6.65	49.19 2.49 -13.07	46.83 2.95 -6.58	40.90 2.82 0.00	38.81 2.77 0.00	36.50 2.45 0.00	32.67 2.17 0.00	31.36 2.18 -0.09	30.54 2.15 -0.48	32.51 2.18 -3.43	34.25 2.45 0.00	39.94 2.99 -1.36	48.71 3.29 -5.33	53.81 3.44 -7.31	47.52 3.46 -2.93	38.67 2.83 -0.89	36.10 2.12 -7.83	34.05 2.04 -4.02
GLENWOOD_IC_2_G1 23688	36.62 2.14 0.00	34.10 1.98 -0.69	32.81 1.84 -2.25	32.08 1.79 -1.45	33.55 1.91 -1.83	36.16 2.07 -2.78	42.62 2.35 -6.65	49.12 2.42 -13.07	46.75 2.87 -6.58	40.94 2.86 0.00	38.77 2.74 0.00	36.36 2.32 0.00	32.64 2.13 0.00	31.30 2.12 -0.09	30.48 2.09 -0.48	32.48 2.15 -3.43	34.09 2.29 0.00	39.87 2.92 -1.36	48.59 3.17 -5.33	53.73 3.36 -7.31	47.28 3.21 -2.93	38.60 2.76 -0.89	35.99 2.01 -7.83	34.00 1.99 -4.02
GLENWOOD_IC_3_G1 23689	36.62 2.14 0.00	34.10 1.98 -0.69	32.81 1.84 -2.25	32.08 1.79 -1.45	33.55 1.91 -1.83	36.16 2.07 -2.78	42.62 2.35 -6.65	49.12 2.42 -13.07	46.75 2.87 -6.58	40.94 2.86 0.00	38.77 2.74 0.00	36.36 2.32 0.00	32.64 2.13 0.00	31.30 2.12 -0.09	30.48 2.09 -0.48	32.48 2.15 -3.43	34.09 2.29 0.00	39.87 2.92 -1.36	48.59 3.17 -5.33	53.73 3.36 -7.31	47.28 3.21 -2.93	38.60 2.76 -0.89	35.99 2.01 -7.83	34.00 1.99 -4.02
GLENWOOD___4 23550	36.65 2.17 0.00	34.10 1.98 -0.69	32.78 1.81 -2.25	32.14 1.85 -1.45	33.58 1.94 -1.83	36.19 2.10 -2.78	42.65 2.39 -6.65	49.19 2.49 -13.07	46.83 2.95 -6.58	40.90 2.82 0.00	38.81 2.77 0.00	36.50 2.45 0.00	32.67 2.17 0.00	31.36 2.18 -0.09	30.54 2.15 -0.48	32.51 2.18 -3.43	34.25 2.45 0.00	39.94 2.99 -1.36	48.71 3.29 -5.33	53.81 3.44 -7.31	47.52 3.46 -2.93	38.67 2.83 -0.89	36.10 2.12 -7.83	34.05 2.04 -4.02
GLENWOOD___5 23614	36.65 2.17 0.00	34.10 1.98 -0.69	32.78 1.81 -2.25	32.14 1.85 -1.45	33.58 1.94 -1.83	36.19 2.10 -2.78	42.65 2.39 -6.65	49.19 2.49 -13.07	46.83 2.95 -6.58	40.90 2.82 0.00	38.81 2.77 0.00	36.50 2.45 0.00	32.67 2.17 0.00	31.36 2.18 -0.09	30.54 2.15 -0.48	32.51 2.18 -3.43	34.25 2.45 0.00	39.94 2.99 -1.36	48.71 3.29 -5.33	53.81 3.44 -7.31	47.52 3.46 -2.93	38.67 2.83 -0.89	36.10 2.12 -7.83	34.05 2.04 -4.02
GLOBAL GREEN_PORT_GT1 23814	37.51 3.03 0.00	35.26 3.14 -0.69	33.87 2.90 -2.25	33.18 2.88 -1.45	34.92 3.28 -1.83	37.66 3.57 -2.78	44.33 4.07 -6.65	50.94 4.24 -13.07	48.73 4.85 -6.58	42.35 4.26 0.00	39.78 3.75 0.00	37.14 3.10 0.00	33.22 2.71 0.00	31.74 2.56 -0.09	31.01 2.62 -0.48	33.15 2.82 -3.43	34.31 2.51 0.00	40.29 3.34 -1.36	49.27 3.85 -5.33	54.03 3.66 -7.31	47.36 3.29 -2.93	38.84 3.01 -0.89	36.38 2.40 -7.83	34.50 2.49 -4.02
GLOBE___DSASP 323697	29.80 -4.52 0.17	27.39 -4.12 -0.07	25.07 -3.85 -0.20	25.12 -3.87 -0.13	25.84 -3.96 0.00	27.09 -4.20 0.03	29.20 -4.37 0.04	24.89 -4.34 4.41	27.04 -5.00 5.26	27.33 -4.95 5.80	25.93 -4.58 5.53	24.80 -3.98 5.26	21.88 -3.84 4.79	20.71 -3.78 4.60	19.98 -3.52 4.42	20.06 -3.12 3.71	23.38 -3.56 4.86	26.08 -4.13 5.38	30.06 -4.61 5.42	32.03 -5.08 5.95	30.31 -4.81 6.02	25.28 -4.33 5.34	22.85 -3.27 0.03	24.77 -3.55 -0.34
GOETHSLN___LBMP 323567	36.24 1.76 0.00	33.72 1.60 -0.69	32.44 1.46 -2.25	31.77 1.47 -1.45	33.16 1.52 -1.83	35.76 1.66 -2.78	42.08 1.82 -6.65	46.65 1.88 -11.14	45.53 2.28 -5.96	40.48 2.40 0.00	38.34 2.31 0.00	36.12 2.08 0.00	32.43 1.92 0.00	32.34 1.95 -1.30	31.58 1.90 -1.77	32.17 1.83 -3.45	33.87 2.07 0.00	39.44 2.49 -1.36	48.15 2.73 -5.33	53.39 3.01 -7.31	46.86 2.80 -2.93	38.11 2.27 -0.89	35.63 1.65 -7.83	33.74 1.74 -4.02
GOLAH___69_KV_TB 1_2 80279	31.65 -2.76 0.07	28.98 -2.51 -0.07	26.56 -2.36 -0.19	26.64 -2.34 -0.13	27.52 -2.38 -0.09	29.00 -2.44 -0.13	31.41 -2.52 -0.32	29.89 -2.56 1.19	32.53 -2.98 1.78	32.86 -2.93 2.29	31.11 -2.74 2.18	29.59 -2.38 2.08	26.27 -2.35 1.89	24.92 -2.36 1.82	24.01 -2.18 1.72	23.72 -1.88 1.29	27.82 -2.07 1.92	31.08 -2.46 2.06	35.61 -2.61 1.88	38.40 -2.67 1.99	36.28 -2.63 2.23	30.41 -2.48 2.06	24.57 -1.96 -0.38	26.26 -2.07 -0.34

GOODYEAR_LAKE_HYD 323669	35.20 0.72 0.00	32.31 0.66 -0.21	29.97 0.55 -0.70	29.85 0.55 -0.45	30.98 0.60 -0.57	32.84 0.66 -0.87	36.36 0.67 -2.07	37.91 0.81 -3.47	40.01 0.86 -1.86	38.92 0.84 0.00	36.75 0.72 0.00	34.62 0.58 0.00	31.09 0.58 0.00	29.61 0.52 0.00	28.56 0.53 -0.12	28.53 0.56 -1.07	32.57 0.76 0.00	36.97 0.96 -0.42	42.92 1.16 -1.66	46.63 1.29 -2.28	43.25 1.19 -0.91	36.21 0.98 -0.28	29.22 0.63 -2.44	29.86 0.62 -1.25
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.61 -0.83 0.04	30.88 -0.75 -0.20	28.60 -0.75 -0.63	28.51 -0.75 -0.41	29.51 -0.78 -0.48	31.25 -0.78 -0.72	34.52 -0.81 -1.71	34.75 -0.77 -1.89	36.77 -0.90 -0.37	35.89 -0.91 1.29	33.91 -0.90 1.22	32.06 -0.82 1.16	28.65 -0.79 1.06	27.32 -0.76 1.02	26.34 -0.70 0.88	26.31 -0.65 -0.06	30.09 -0.64 1.07	34.04 -0.71 0.84	39.50 -0.76 -0.17	42.81 -0.82 -0.56	39.78 -0.78 0.58	33.30 -0.70 0.95	27.59 -0.58 -2.01	28.46 -0.64 -1.12
GOUDEY___7 23579	33.61 -0.83 0.04	30.88 -0.75 -0.20	28.60 -0.75 -0.63	28.51 -0.75 -0.41	29.51 -0.78 -0.48	31.25 -0.78 -0.72	34.52 -0.81 -1.71	34.75 -0.77 -1.89	36.77 -0.90 -0.37	35.89 -0.91 1.29	33.91 -0.90 1.22	32.06 -0.82 1.16	28.65 -0.79 1.06	27.32 -0.76 1.02	26.34 -0.70 0.88	26.31 -0.65 -0.06	30.09 -0.64 1.07	34.04 -0.71 0.84	39.50 -0.76 -0.17	42.81 -0.82 -0.56	39.78 -0.78 0.58	33.30 -0.70 0.95	27.59 -0.58 -2.01	28.46 -0.64 -1.12
GOUDEY___8 23580	33.61 -0.83 0.04	30.88 -0.75 -0.20	28.60 -0.75 -0.63	28.51 -0.75 -0.41	29.51 -0.78 -0.48	31.25 -0.78 -0.72	34.52 -0.81 -1.71	34.75 -0.77 -1.89	36.77 -0.90 -0.37	35.89 -0.91 1.29	33.91 -0.90 1.22	32.06 -0.82 1.16	28.65 -0.79 1.06	27.32 -0.76 1.02	26.34 -0.70 0.88	26.31 -0.65 -0.06	30.09 -0.64 1.07	34.04 -0.71 0.84	39.50 -0.76 -0.17	42.81 -0.82 -0.56	39.78 -0.78 0.58	33.30 -0.70 0.95	27.59 -0.58 -2.01	28.46 -0.64 -1.12
GOWANUS_GT1_1 24077	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT1_2 24078	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT1_3 24079	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT1_4 24080	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT1_5 24084	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT1_6 24111	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT1_7 24112	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT1_8 24113	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT2_1 24114	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
GOWANUS_GT2_2 24115	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
GOWANUS_GT2_3 24116	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11

GOWANUS_GT2_4 24117	52.40	49.67	40.89	32.43	33.81	51.75	52.40	52.53	53.09	54.61	55.45	55.36	56.17	57.38	57.16	60.46	57.35	59.41	58.35	95.64	58.47	53.44	53.10	52.31
	2.38	2.20	2.04	1.99	2.06	2.19	2.39	2.42	2.91	3.08	2.77	2.45	2.32	2.27	2.20	2.21	2.45	2.99	3.29	3.70	3.33	2.87	2.07	2.21
	-15.54	-16.04	-10.12	-1.59	-1.95	-18.24	-16.40	-16.48	-12.88	-13.44	-16.64	-18.86	-23.35	-26.02	-27.05	-31.36	-23.10	-20.83	-14.97	-48.88	-14.00	-15.62	-24.88	-22.11
GOWANUS_GT2_5 24118	52.40	49.67	40.89	32.43	33.81	51.75	52.40	52.53	53.09	54.61	55.45	55.36	56.17	57.38	57.16	60.46	57.35	59.41	58.35	95.64	58.47	53.44	53.10	52.31
	2.38	2.20	2.04	1.99	2.06	2.19	2.39	2.42	2.91	3.08	2.77	2.45	2.32	2.27	2.20	2.21	2.45	2.99	3.29	3.70	3.33	2.87	2.07	2.21
	-15.54	-16.04	-10.12	-1.59	-1.95	-18.24	-16.40	-16.48	-12.88	-13.44	-16.64	-18.86	-23.35	-26.02	-27.05	-31.36	-23.10	-20.83	-14.97	-48.88	-14.00	-15.62	-24.88	-22.11
GOWANUS_GT2_6 24119	52.40	49.67	40.89	32.43	33.81	51.75	52.40	52.53	53.09	54.61	55.45	55.36	56.17	57.38	57.16	60.46	57.35	59.41	58.35	95.64	58.47	53.44	53.10	52.31
	2.38	2.20	2.04	1.99	2.06	2.19	2.39	2.42	2.91	3.08	2.77	2.45	2.32	2.27	2.20	2.21	2.45	2.99	3.29	3.70	3.33	2.87	2.07	2.21
	-15.54	-16.04	-10.12	-1.59	-1.95	-18.24	-16.40	-16.48	-12.88	-13.44	-16.64	-18.86	-23.35	-26.02	-27.05	-31.36	-23.10	-20.83	-14.97	-48.88	-14.00	-15.62	-24.88	-22.11
GOWANUS_GT2_7 24120	52.40	49.67	40.89	32.43	33.81	51.75	52.40	52.53	53.09	54.61	55.45	55.36	56.17	57.38	57.16	60.46	57.35	59.41	58.35	95.64	58.47	53.44	53.10	52.31
	2.38	2.20	2.04	1.99	2.06	2.19	2.39	2.42	2.91	3.08	2.77	2.45	2.32	2.27	2.20	2.21	2.45	2.99	3.29	3.70	3.33	2.87	2.07	2.21
	-15.54	-16.04	-10.12	-1.59	-1.95	-18.24	-16.40	-16.48	-12.88	-13.44	-16.64	-18.86	-23.35	-26.02	-27.05	-31.36	-23.10	-20.83	-14.97	-48.88	-14.00	-15.62	-24.88	-22.11
GOWANUS_GT2_8 24121	52.40	49.67	40.89	32.43	33.81	51.75	52.40	52.53	53.09	54.61	55.45	55.36	56.17	57.38	57.16	60.46	57.35	59.41	58.35	95.64	58.47	53.44	53.10	52.31
	2.38	2.20	2.04	1.99	2.06	2.19	2.39	2.42	2.91	3.08	2.77	2.45	2.32	2.27	2.20	2.21	2.45	2.99	3.29	3.70	3.33	2.87	2.07	2.21
	-15.54	-16.04	-10.12	-1.59	-1.95	-18.24	-16.40	-16.48	-12.88	-13.44	-16.64	-18.86	-23.35	-26.02	-27.05	-31.36	-23.10	-20.83	-14.97	-48.88	-14.00	-15.62	-24.88	-22.11
GOWANUS_GT3_1 24122	52.40	49.67	40.89	32.43	33.81	51.75	52.40	52.53	53.09	54.61	55.45	55.36	56.17	57.38	57.16	60.46	57.35	59.41	58.35	95.64	58.47	53.44	53.10	52.31
	2.38	2.20	2.04	1.99	2.06	2.19	2.39	2.42	2.91	3.08	2.77	2.45	2.32	2.27	2.20	2.21	2.45	2.99	3.29	3.70				

GOWANUS_GT4_3 24132	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT4_4 24133	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT4_5 24134	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT4_6 24135	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT4_7 24136	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GOWANUS_GT4_8 24137	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GREENBSH_115KV_TB3 55895	35.82 1.34 0.00	33.46 1.19 -0.83	32.54 1.09 -2.73	31.70 1.10 -1.75	33.17 1.13 -2.22	35.85 1.16 -3.38	42.93 1.24 -8.07	48.38 1.24 -13.51	45.87 1.34 -7.22	39.49 1.41 0.00	37.26 1.23 0.00	35.20 1.16 0.00	31.57 1.07 0.00	30.14 1.05 0.00	29.38 1.00 -0.46	32.02 0.97 -4.16	32.98 1.18 0.00	38.62 1.39 -1.64	48.16 1.60 -6.47	53.61 1.68 -8.87	46.29 1.60 -3.55	37.39 1.36 -1.08	36.67 1.02 -9.49	33.98 1.12 -4.87
GREENDGE_115KV_TB5 80291	32.89 -1.52 0.07	29.98 -1.45 0.01	27.19 -1.38 0.15	27.39 -1.38 0.08	28.28 -1.40 0.13	29.68 -1.41 0.22	31.60 -1.41 0.60	30.85 -1.35 1.43	34.70 -1.60 1.00	35.98 -1.64 0.46	33.97 -1.62 0.44	32.13 -1.50 0.42	28.64 -1.49 0.37	27.25 -1.48 0.36	26.17 -1.37 0.38	25.07 -1.21 0.61	30.24 -1.18 0.38	33.71 -1.32 0.56	37.78 -1.36 0.95	40.45 -1.42 1.19	39.01 -1.36 0.77	33.18 -1.26 0.51	24.31 -1.12 0.72	26.42 -1.26 0.31
GREENIDGE___3 23582	32.89 -1.52 0.07	29.98 -1.45 0.01	27.19 -1.38 0.15	27.39 -1.38 0.08	28.28 -1.40 0.13	29.68 -1.41 0.22	31.60 -1.41 0.60	30.85 -1.35 1.43	34.70 -1.60 1.00	35.98 -1.64 0.46	33.97 -1.62 0.44	32.13 -1.50 0.42	28.64 -1.49 0.37	27.25 -1.48 0.36	26.17 -1.37 0.38	25.07 -1.21 0.61	30.24 -1.18 0.38	33.71 -1.32 0.56	37.78 -1.36 0.95	40.45 -1.42 1.19	39.01 -1.36 0.77	33.18 -1.26 0.51	24.31 -1.12 0.72	26.42 -1.26 0.31
GREENIDGE___4 23583	32.89 -1.52 0.07	30.04 -1.38 0.01	27.19 -1.38 0.15	27.42 -1.36 0.08	28.31 -1.37 0.13	29.68 -1.41 0.22	31.60 -1.41 0.60	30.85 -1.35 1.43	34.70 -1.60 1.00	35.95 -1.67 0.46	33.97 -1.62 0.44	32.17 -1.46 0.42	28.64 -1.49 0.37	27.25 -1.48 0.36	26.17 -1.37 0.38	25.10 -1.18 0.61	30.28 -1.14 0.38	33.61 -1.42 0.56	37.70 -1.44 0.95	40.40 -1.46 1.19	39.01 -1.36 0.77	33.11 -1.33 0.51	24.36 -1.07 0.72	26.42 -1.26 0.31
GREENLWN_69_KV_BK 3 55738	36.48 2.00 0.00	33.94 1.82 -0.69	32.67 1.69 -2.25	32.00 1.70 -1.45	33.46 1.82 -1.83	36.10 2.00 -2.78	42.55 2.29 -6.65	49.09 2.39 -13.07	46.71 2.83 -6.58	40.71 2.63 0.00	38.59 2.56 0.00	36.33 2.28 0.00	32.49 1.98 0.00	31.18 2.01 -0.09	30.40 2.01 -0.48	32.40 2.07 -3.43	34.12 2.32 0.00	39.79 2.85 -1.36	48.31 2.89 -5.33	53.25 2.89 -7.31	47.23 3.17 -2.93	38.53 2.69 -0.89	35.99 2.01 -7.83	33.97 1.96 -4.02
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11
GRISSOM___SOLAR 323813	36.07 1.59 0.00	33.73 1.38 -0.92	32.98 1.23 -3.02	32.03 1.24 -1.94	33.55 1.28 -2.46	36.42 1.38 -3.73	44.01 1.48 -8.92	50.21 1.65 -14.93	46.92 1.64 -7.99	39.68 1.60 0.00	37.29 1.26 0.00	35.07 1.02 0.00	31.42 0.91 0.00	29.96 0.87 0.00	29.35 0.92 -0.51	32.40 0.91 -4.59	33.01 1.21 0.00	39.05 1.64 -1.82	49.28 2.04 -7.15	55.19 2.32 -9.80	47.24 2.18 -3.92	37.82 1.68 -1.19	37.90 1.26 -10.50	34.67 1.29 -5.39
GROVEVILLE___HYD 323602	36.38 1.90 0.00	33.84 1.73 -0.68	32.54 1.58 -2.24	31.85 1.56 -1.44	33.27 1.64 -1.83	35.84 1.75 -2.77	42.15 1.92 -6.62	46.57 1.85 -11.09	45.39 2.16 -5.93	40.29 2.21 0.00	38.09 2.05 0.00	35.88 1.84 0.00	32.18 1.68 0.00	30.75 1.66 0.00	29.89 1.59 -0.38	31.86 1.56 -3.41	33.62 1.81 0.00	39.11 2.17 -1.35	47.84 2.45 -5.31	53.09 2.76 -7.28	46.69 2.63 -2.91	38.00 2.17 -0.88	35.46 1.52 -7.79	33.64 1.65 -4.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.76 -0.72 0.00	30.82 -0.69 -0.08	28.31 -0.69 -0.27	28.36 -0.66 -0.18	29.35 -0.69 -0.22	30.96 -0.69 -0.34	33.75 -0.67 -0.81	34.34 -0.64 -1.35	37.28 -0.75 -0.72	37.36 -0.72 0.00	35.31 -0.72 0.00	33.40 -0.65 0.00	29.87 -0.64 0.00	28.45 -0.64 0.00	27.37 -0.59 -0.05	26.80 -0.51 -0.42	31.33 -0.48 0.00	35.11 -0.64 -0.16	40.06 -0.68 -0.65	43.22 -0.73 -0.89	40.80 -0.70 -0.35	34.39 -0.66 -0.11	26.55 -0.55 -0.95	27.86 -0.62 -0.49

HAMLTNNY_34_KV_TB 80303	33.72 -0.76 0.00	30.80 -0.72 -0.09	28.29 -0.72 -0.29	28.34 -0.69 -0.18	29.33 -0.72 -0.23	30.95 -0.72 -0.35	33.76 -0.71 -0.85	34.38 -0.67 -1.42	37.31 -0.75 -0.76	37.36 -0.72 0.00	35.31 -0.72 0.00	33.40 -0.65 0.00	29.84 -0.67 0.00	28.42 -0.67 0.00	27.38 -0.59 -0.05	26.82 -0.51 -0.44	31.33 -0.48 0.00	35.16 -0.61 -0.17	40.13 -0.64 -0.68	43.26 -0.73 -0.93	40.81 -0.70 -0.37	34.40 -0.66 -0.11	26.57 -0.58 -1.00	27.86 -0.64 -0.51
HAMPSHIRE___PAPER_HYD 323593	34.03 -0.45 0.00	31.01 -0.44 -0.02	28.45 -0.34 -0.07	28.52 -0.38 -0.05	29.48 -0.39 -0.06	31.00 -0.41 -0.09	33.29 -0.54 -0.22	33.49 -0.50 -0.37	36.86 -0.63 -0.20	37.36 -0.72 0.00	35.35 -0.69 0.00	33.33 -0.72 0.00	29.86 -0.64 0.00	28.42 -0.67 0.00	27.20 -0.73 -0.01	26.34 -0.67 -0.11	31.13 -0.67 0.00	34.89 -0.75 -0.04	39.50 -0.76 -0.18	42.70 -0.60 -0.24	40.66 -0.58 -0.10	34.49 -0.49 -0.03	25.97 -0.44 -0.26	27.59 -0.53 -0.13
HARDSCRABBLE_WT_PWR 323673	34.72 0.24 0.00	31.62 0.19 0.00	28.87 0.14 0.00	28.99 0.14 0.00	29.93 0.12 0.00	31.47 0.16 0.00	33.71 0.10 0.00	33.76 0.14 0.00	37.45 0.15 0.00	38.31 0.23 0.00	36.32 0.29 0.00	34.29 0.24 0.00	30.72 0.22 0.00	29.29 0.21 0.00	28.08 0.17 0.00	27.08 0.19 0.00	31.96 0.16 0.00	35.81 0.21 0.00	40.25 0.16 0.00	43.28 0.22 0.00	41.39 0.25 0.00	35.16 0.21 0.00	26.23 0.08 0.00	28.07 0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.96 1.48 0.00	33.45 1.38 -0.64	32.05 1.24 -2.09	31.43 1.24 -1.34	32.82 1.31 -1.71	35.31 1.41 -2.59	41.34 1.55 -6.18	45.50 1.51 -10.36	44.63 1.79 -5.54	39.91 1.83 0.00	37.76 1.73 0.00	35.58 1.53 0.00	31.94 1.43 0.00	30.52 1.43 -0.01	29.65 1.37 -0.37	31.45 1.37 -3.19	33.36 1.56 0.00	38.77 1.92 -1.26	47.17 2.12 -4.96	52.27 2.41 -6.80	46.12 2.26 -2.72	37.63 1.85 -0.82	34.74 1.31 -7.28	33.15 1.43 -3.74
HARSNRAD_115KV_TB1 81005	29.98 -4.31 0.19	27.54 -3.96 -0.07	25.21 -3.71 -0.19	25.23 -3.75 -0.13	25.93 -3.85 0.03	27.23 -4.01 0.07	29.22 -4.24 0.15	24.14 -4.17 5.32	26.25 -4.81 6.24	26.51 -4.80 6.78	25.15 -4.43 6.45	24.02 -3.88 6.14	21.16 -3.75 5.59	20.05 -3.67 5.37	19.31 -3.43 5.17	19.44 -3.07 4.39	22.66 -3.47 5.67	25.26 -4.02 6.31	29.26 -4.41 6.42	31.18 -4.82 7.06	29.46 -4.61 7.08	24.54 -4.16 6.25	22.86 -3.14 0.16	24.91 -3.41 -0.33
HARZA MOOSE___RIVER 24016	34.58 0.10 0.00	31.52 0.06 -0.03	28.84 0.03 -0.09	28.94 0.03 -0.06	29.92 0.03 -0.08	31.49 0.06 -0.12	33.86 -0.03 -0.28	34.17 0.07 -0.47	37.55 0.00 -0.25	37.97 -0.11 0.00	35.89 -0.14 0.00	33.81 -0.24 0.00	30.29 -0.21 0.00	28.83 -0.26 0.00	27.65 -0.28 -0.02	26.88 -0.16 -0.14	31.74 -0.06 0.00	35.72 0.07 -0.06	40.56 0.24 -0.22	43.67 0.30 -0.31	41.55 0.29 -0.12	35.23 0.24 -0.04	26.53 0.05 -0.33	28.13 -0.03 -0.17
HDSNBRDG_115KV_BRDG_TB1 355580	33.51 -0.97 0.00	30.60 -0.91 -0.08	28.08 -0.89 -0.25	28.12 -0.89 -0.16	29.12 -0.89 -0.21	30.72 -0.91 -0.31	33.42 -0.94 -0.74	33.97 -0.91 -1.25	36.92 -1.04 -0.67	37.09 -0.99 0.00	35.06 -0.97 0.00	33.16 -0.89 0.00	29.65 -0.85 0.00	28.25 -0.84 0.00	27.17 -0.78 -0.04	26.58 -0.70 -0.38	31.10 -0.70 0.00	34.85 -0.89 -0.15	39.69 -1.00 -0.60	42.80 -1.08 -0.82	40.44 -1.03 -0.33	34.14 -0.91 -0.10	26.30 -0.73 -0.88	27.63 -0.81 -0.45
HELLGATE_13_KV_LD 55870	37.23 2.17 -0.58	34.10 1.98 -0.69	33.08 1.81 -2.55	32.10 1.79 -1.46	33.50 1.85 -1.84	36.67 2.00 -3.36	42.85 2.22 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.79 2.78 -1.92	41.08 2.67 -2.38	39.13 2.38 -2.70	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.53 2.42 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.44 -43.62	48.90 3.25 -4.51	39.04 2.66 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.23 2.17 -0.58	34.10 1.98 -0.69	33.08 1.81 -2.55	32.10 1.79 -1.46	33.50 1.85 -1.84	36.67 2.00 -3.36	42.85 2.22 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.79 2.78 -1.92	41.08 2.67 -2.38	39.13 2.38 -2.70	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.53 2.42 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.44 -43.62	48.90 3.25 -4.51	39.04 2.66 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
HEMPSTEAD____ 23647	36.51 2.03 0.00	34.00 1.89 -0.69	32.73 1.75 -2.25	32.00 1.70 -1.45	33.46 1.82 -1.83	36.07 1.97 -2.78	42.52 2.25 -6.65	49.06 2.35 -13.07	46.64 2.76 -6.58	40.83 2.74 0.00	38.70 2.67 0.00	36.26 2.21 0.00	32.55 2.04 0.00	31.18 2.01 -0.09	30.40 2.01 -0.48	32.43 2.10 -3.43	34.03 2.23 0.00	39.76 2.81 -1.36	48.47 3.05 -5.33	53.60 3.23 -7.31	47.15 3.09 -2.93	38.53 2.69 -0.89	35.91 1.94 -7.83	33.91 1.90 -4.02
HEWLETT_69_KV_BK3 55828	36.75 2.28 0.00	34.19 2.07 -0.69	32.87 1.90 -2.25	32.20 1.90 -1.45	33.64 2.00 -1.83	36.26 2.16 -2.78	42.72 2.45 -6.65	49.26 2.56 -13.07	46.86 2.98 -6.58	40.94 2.86 0.00	38.84 2.81 0.00	36.53 2.49 0.00	32.70 2.20 0.00	31.39 2.21 -0.09	30.57 2.18 -0.48	32.56 2.23 -3.43	34.32 2.51 0.00	40.01 3.06 -1.36	48.75 3.33 -5.33	53.90 3.53 -7.31	47.60 3.54 -2.93	38.74 2.90 -0.89	36.15 2.17 -7.83	34.14 2.13 -4.02
HICKLING___1 23621	32.42 -1.90 0.17	29.71 -1.76 -0.04	27.07 -1.67 -0.01	27.20 -1.67 -0.03	28.00 -1.70 0.11	29.36 -1.75 0.20	31.22 -1.88 0.51	27.63 -1.78 4.21	30.78 -2.05 4.47	31.57 -2.09 4.42	29.77 -2.05 4.21	28.14 -1.91 4.00	25.04 -1.83 3.64	23.85 -1.75 3.50	22.85 -1.67 3.39	22.28 -1.53 3.08	26.49 -1.62 3.69	29.57 -1.82 4.20	33.54 -2.00 4.55	35.85 -2.11 5.10	34.31 -2.02 4.81	29.11 -1.71 4.13	24.15 -1.41 0.59	26.44 -1.54 0.02
HICKLING___2 23622	32.42 -1.90 0.17	29.71 -1.76 -0.04	27.07 -1.67 -0.01	27.20 -1.67 -0.03	28.00 -1.70 0.11	29.36 -1.75 0.20	31.22 -1.88 0.51	27.63 -1.78 4.21	30.78 -2.05 4.47	31.57 -2.09 4.42	29.77 -2.05 4.21	28.14 -1.91 4.00	25.04 -1.83 3.64	23.85 -1.75 3.50	22.85 -1.67 3.39	22.28 -1.53 3.08	26.49 -1.62 3.69	29.57 -1.82 4.20	33.54 -2.00 4.55	35.85 -2.11 5.10	34.31 -2.02 4.81	29.11 -1.71 4.13	24.15 -1.41 0.59	26.44 -1.54 0.02
HIGH FALLS___HY 23754	36.03 1.55 0.00	33.59 1.48 -0.68	32.28 1.32 -2.24	31.61 1.33 -1.44	33.00 1.37 -1.82	35.58 1.50 -2.76	41.86 1.65 -6.60	46.27 1.58 -11.06	45.08 1.86 -5.91	39.91 1.83 0.00	37.73 1.69 0.00	35.54 1.50 0.00	31.91 1.40 0.00	30.49 1.40 0.00	29.66 1.37 -0.38	31.67 1.37 -3.40	33.36 1.56 0.00	38.89 1.96 -1.35	47.63 2.25 -5.29	52.90 2.58 -7.26	46.51 2.47 -2.91	37.82 1.99 -0.88	35.28 1.36 -7.77	33.46 1.48 -3.99
HIGH_RIVER___SOLAR 323847	35.69 1.21 0.00	33.39 1.07 -0.89	32.61 0.98 -2.92	31.70 0.98 -1.87	33.20 1.01 -2.37	35.98 1.07 -3.60	43.37 1.14 -8.61	49.26 1.21 -14.42	46.20 1.19 -7.71	39.15 1.06 0.00	36.86 0.83 0.00	34.73 0.68 0.00	31.15 0.64 0.00	29.73 0.64 0.00	29.11 0.70 -0.50	32.06 0.73 -4.44	32.69 0.89 0.00	38.62 1.28 -1.75	48.55 1.56 -6.90	54.25 1.72 -9.46	46.58 1.65 -3.79	37.39 1.29 -1.15	37.25 0.97 -10.13	34.20 1.01 -5.20

HILLBURN___GT 23639	35.96 1.48 0.00	33.49 1.42 -0.65	32.11 1.26 -2.12	31.45 1.24 -1.36	32.85 1.31 -1.73	35.34 1.41 -2.62	41.46 1.58 -6.27	45.67 1.55 -10.49	44.77 1.86 -5.61	40.06 1.98 0.00	37.87 1.84 0.00	35.61 1.57 0.00	32.03 1.52 0.00	30.61 1.51 -0.01	29.73 1.45 -0.37	31.58 1.45 -3.23	33.39 1.59 0.00	38.90 2.03 -1.28	47.32 2.20 -5.02	52.40 2.45 -6.89	46.16 2.26 -2.76	37.67 1.89 -0.84	34.89 1.36 -7.37	33.20 1.43 -3.79
HILLSIDE_115KV_TB1 80332	32.25 -2.07 0.16	29.57 -1.92 -0.05	26.98 -1.81 -0.07	27.09 -1.82 -0.06	27.90 -1.85 0.06	29.28 -1.91 0.12	31.24 -2.05 0.32	27.91 -1.98 3.74	30.95 -2.24 4.11	31.54 -2.32 4.22	29.78 -2.23 4.02	28.15 -2.08 3.82	25.08 -1.95 3.48	23.89 -1.86 3.34	22.90 -1.79 3.23	22.37 -1.67 2.85	26.46 -1.81 3.53	29.58 -2.03 3.98	33.64 -2.25 4.20	35.97 -2.41 4.68	34.31 -2.30 4.52	29.07 -1.96 3.93	24.24 -1.54 0.37	26.40 -1.68 -0.09
HISHELDN_WT_PWR 323625	29.64 -4.14 0.70	27.76 -3.74 -0.06	25.31 -3.56 -0.15	25.41 -3.55 -0.11	25.55 -3.64 0.62	26.52 -3.79 1.00	27.32 -4.03 2.26	6.50 -3.90 23.22	7.22 -4.59 25.49	7.13 -4.84 26.12	6.69 -4.47 24.87	6.53 -3.85 23.67	5.18 -3.78 21.55	4.72 -3.67 20.70	4.47 -3.43 20.01	5.99 -3.15 17.76	6.44 -3.50 21.86	6.78 -4.16 24.64	9.48 -4.57 26.05	9.08 -4.99 28.99	8.43 -4.73 27.98	6.56 -4.09 24.30	20.50 -3.09 2.56	24.88 -3.36 -0.25
HOLTSVILLE_IC_1 23690	36.75 2.28 0.00	34.35 2.23 -0.69	33.04 2.07 -2.25	32.34 2.05 -1.45	33.85 2.21 -1.83	36.51 2.41 -2.78	43.05 2.79 -6.65	49.63 2.92 -13.07	47.24 3.36 -6.58	41.21 3.12 0.00	38.95 2.92 0.00	36.46 2.42 0.00	32.70 2.20 0.00	31.36 2.18 -0.09	30.59 2.20 -0.48	32.67 2.34 -3.43	34.16 2.35 0.00	39.97 3.02 -1.36	48.87 3.45 -5.33	53.90 3.53 -7.31	47.48 3.41 -2.93	38.84 3.01 -0.89	36.25 2.27 -7.83	34.25 2.24 -4.02
HOLTSVILLE_IC_10 23699	36.89 2.41 0.00	34.48 2.36 -0.69	33.19 2.21 -2.25	32.46 2.16 -1.45	34.00 2.35 -1.83	36.66 2.57 -2.78	43.22 2.96 -6.65	49.83 3.13 -13.07	47.46 3.58 -6.58	41.40 3.31 0.00	39.10 3.06 0.00	36.60 2.55 0.00	32.80 2.29 0.00	31.45 2.27 -0.09	30.70 2.32 -0.48	32.77 2.45 -3.43	34.25 2.45 0.00	40.08 3.13 -1.36	49.11 3.69 -5.33	54.16 3.79 -7.31	47.69 3.62 -2.93	39.05 3.21 -0.89	36.41 2.43 -7.83	34.39 2.38 -4.02
HOLTSVILLE_IC_2 23691	36.75 2.28 0.00	34.35 2.23 -0.69	33.04 2.07 -2.25	32.34 2.05 -1.45	33.85 2.21 -1.83	36.51 2.41 -2.78	43.05 2.79 -6.65	49.63 2.92 -13.07	47.24 3.36 -6.58	41.21 3.12 0.00	38.95 2.92 0.00	36.46 2.42 0.00	32.70 2.20 0.00	31.36 2.18 -0.09	30.59 2.20 -0.48	32.67 2.34 -3.43	34.16 2.35 0.00	39.97 3.02 -1.36	48.87 3.45 -5.33	53.90 3.53 -7.31	47.48 3.41 -2.93	38.84 3.01 -0.89	36.25 2.27 -7.83	34.25 2.24 -4.02
HOLTSVILLE_IC_3 23692	36.75 2.28 0.00	34.35 2.23 -0.69	33.04 2.07 -2.25	32.34 2.05 -1.45	33.85 2.21 -1.83	36.51 2.41 -2.78	43.05 2.79 -6.65	49.63 2.92 -13.07	47.24 3.36 -6.58	41.21 3.12 0.00	38.95 2.92 0.00	36.46 2.42 0.00	32.70 2.20 0.00	31.36 2.18 -0.09	30.59 2.20 -0.48	32.67 2.34 -3.43	34.16 2.35 0.00	39.97 3.02 -1.36	48.87 3.45 -5.33	53.90 3.53 -7.31	47.48 3.41 -2.93	38.84 3.01 -0.89	36.25 2.27 -7.83	34.25 2.24 -4.02
HOLTSVILLE_IC_4 23693	36.75 2.28 0.00	34.35 2.23 -0.69	33.04 2.07 -2.25	32.34 2.05 -1.45	33.85 2.21 -1.83	36.51 2.41 -2.78	43.05 2.79 -6.65	49.63 2.92 -13.07	47.24 3.36 -6.58	41.21 3.12 0.00	38.95 2.92 0.00	36.46 2.42 0.00	32.70 2.20 0.00	31.36 2.18 -0.09	30.59 2.20 -0.48	32.67 2.34 -3.43	34.16 2.35 0.00	39.97 3.02 -1.36	48.87 3.45 -5.33	53.90 3.53 -7.31	47.48 3.41 -2.93	38.84 3.01 -0.89	36.25 2.27 -7.83	34.25 2.24 -4.02
HOLTSVILLE_IC_5 23694	36.75 2.28 0.00	34.35 2.23 -0.69	33.04 2.07 -2.25	32.34 2.05 -1.45	33.85 2.21 -1.83	36.51 2.41 -2.78	43.05 2.79 -6.65	49.63 2.92 -13.07	47.24 3.36 -6.58	41.21 3.12 0.00	38.95 2.92 0.00	36.46 2.42 0.00	32.70 2.20 0.00	31.36 2.18 -0.09	30.59 2.20 -0.48	32.67 2.34 -3.43	34.16 2.35 0.00	39.97 3.02 -1.36	48.87 3.45 -5.33	53.90 3.53 -7.31	47.48 3.41 -2.93	38.84 3.01 -0.89	36.25 2.27 -7.83	34.25 2.24 -4.02
HOLTSVILLE_IC_6 23695	36.89 2.41 0.00	34.48 2.36 -0.69	33.19 2.21 -2.25	32.46 2.16 -1.45	34.00 2.35 -1.83	36.66 2.57 -2.78	43.22 2.96 -6.65	49.83 3.13 -13.07	47.46 3.58 -6.58	41.40 3.31 0.00	39.10 3.06 0.00	36.60 2.55 0.00	32.80 2.29 0.00	31.45 2.27 -0.09	30.70 2.32 -0.48	32.77 2.45 -3.43	34.25 2.45 0.00	40.08 3.13 -1.36	49.11 3.69 -5.33	54.16 3.79 -7.31	47.69 3.62 -2.93	39.05 3.21 -0.89	36.41 2.43 -7.83	34.39 2.38 -4.02
HOLTSVILLE_IC_7 23696	36.89 2.41 0.00	34.48 2.36 -0.69	33.19 2.21 -2.25	32.46 2.16 -1.45	34.00 2.35 -1.83	36.66 2.57 -2.78	43.22 2.96 -6.65	49.83 3.13 -13.07	47.46 3.58 -6.58	41.40 3.31 0.00	39.10 3.06 0.00	36.60 2.55 0.00	32.80 2.29 0.00	31.45 2.27 -0.09	30.70 2.32 -0.48	32.77 2.45 -3.43	34.25 2.45 0.00	40.08 3.13 -1.36	49.11 3.69 -5.33	54.16 3.79 -7.31	47.69 3.62 -2.93	39.05 3.21 -0.89	36.41 2.43 -7.83	34.39 2.38 -4.02
HOLTSVILLE_IC_8 23697	36.89 2.41 0.00	34.48 2.36 -0.69	33.19 2.21 -2.25	32.46 2.16 -1.45	34.00 2.35 -1.83	36.66 2.57 -2.78	43.22 2.96 -6.65	49.83 3.13 -13.07	47.46 3.58 -6.58	41.40 3.31 0.00	39.10 3.06 0.00	36.60 2.55 0.00	32.80 2.29 0.00	31.45 2.27 -0.09	30.70 2.32 -0.48	32.77 2.45 -3.43	34.25 2.45 0.00	40.08 3.13 -1.36	49.11 3.69 -5.33	54.16 3.79 -7.31	47.69 3.62 -2.93	39.05 3.21 -0.89	36.41 2.43 -7.83	34.39 2.38 -4.02
HOLTSVILLE_IC_9 23698	36.89 2.41 0.00	34.48 2.36 -0.69	33.19 2.21 -2.25	32.46 2.16 -1.45	34.00 2.35 -1.83	36.66 2.57 -2.78	43.22 2.96 -6.65	49.83 3.13 -13.07	47.46 3.58 -6.58	41.40 3.31 0.00	39.10 3.06 0.00	36.60 2.55 0.00	32.80 2.29 0.00	31.45 2.27 -0.09	30.70 2.32 -0.48	32.77 2.45 -3.43	34.25 2.45 0.00	40.08 3.13 -1.36	49.11 3.69 -5.33	54.16 3.79 -7.31	47.69 3.62 -2.93	39.05 3.21 -0.89	36.41 2.43 -7.83	34.39 2.38 -4.02
HOMER_HL_115KV_TB2 355744	31.09 -3.28 0.11	28.30 -3.21 -0.07	26.00 -2.90 -0.18	26.00 -2.97 -0.12	26.77 -3.10 -0.06	28.15 -3.23 -0.07	29.93 -3.83 -0.15	28.04 -3.40 2.20	30.80 -3.69 2.80	30.95 -3.88 3.25	29.16 -3.78 3.09	27.46 -3.64 2.94	24.56 -3.26 2.68	23.55 -2.97 2.57	22.52 -2.93 2.46	21.94 -2.96 1.99	25.65 -3.43 2.72	28.80 -3.81 2.98	32.93 -4.25 2.91	35.25 -4.65 3.16	33.60 -4.24 3.30	28.52 -3.46 2.97	23.77 -2.56 -0.19	25.35 -2.94 -0.30
HOWARD_WT_PWR 323690	31.63 -3.00 -0.15	28.65 -2.80 -0.01	26.07 -2.58 0.07	26.28 -2.54 0.03	27.39 -2.59 -0.17	28.87 -2.69 -0.25	31.24 -2.86 -0.48	37.44 -2.72 -6.53	41.52 -3.17 -7.40	42.53 -3.35 -7.80	40.22 -3.24 -7.43	38.09 -3.03 -7.07	34.05 -2.90 -6.44	32.49 -2.79 -6.19	31.21 -2.68 -5.97	29.67 -2.42 -5.19	35.60 -2.74 -6.54	39.81 -3.10 -7.31	44.19 -3.49 -7.58	47.87 -3.57 -8.38	45.93 -3.46 -8.25	39.07 -3.11 -7.23	24.22 -2.46 -0.53	25.03 -2.80 0.16

HQ_GEN_CEDARS 23644	34.55 0.07 0.00	31.53 0.09 0.00	28.89 0.17 0.00	28.99 0.14 0.00	29.96 0.15 0.00	31.44 0.13 0.00	33.68 0.07 0.00	33.63 0.00 0.00	37.30 0.00 0.00	38.08 0.00 0.00	36.11 0.07 0.00	34.15 0.10 0.00	30.60 0.09 0.00	29.15 0.06 0.00	27.88 -0.03 0.00	26.84 -0.05 0.00	31.68 -0.13 0.00	35.41 -0.18 0.00	39.85 -0.24 0.00	42.80 -0.26 0.00	40.89 -0.25 0.00	34.81 -0.14 0.00	26.13 -0.03 0.00	27.91 -0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	34.55 0.07 0.00	31.49 0.06 0.00	28.89 0.17 0.00	28.99 0.14 0.00	29.93 0.12 0.00	31.41 0.09 0.00	33.65 0.03 0.00	33.63 0.00 0.00	37.30 0.00 0.00	38.08 0.00 0.00	36.11 0.07 0.00	34.11 0.07 0.00	30.60 0.09 0.00	29.15 0.06 0.00	27.88 -0.03 0.00	26.79 -0.11 0.00	31.68 -0.13 0.00	35.30 -0.29 0.00	39.73 -0.36 0.00	42.80 -0.26 0.00	40.86 -0.29 0.00	34.74 -0.21 0.00	26.02 -0.13 0.00	27.91 -0.08 0.00
HQ_GEN_IMPORT 323601	34.48 0.00 0.00	31.40 -0.03 0.00	28.78 0.06 0.00	28.88 0.03 0.00	29.84 0.03 0.00	31.31 0.00 0.00	33.58 -0.03 0.00	33.56 -0.07 0.00	37.26 -0.04 0.00	38.05 -0.04 0.00	36.03 0.00 0.00	34.05 0.00 0.00	30.51 0.00 0.00	29.09 0.00 0.00	27.86 -0.06 0.00	26.79 -0.11 0.00	31.64 -0.16 0.00	35.34 -0.25 0.00	39.81 -0.28 0.00	42.76 -0.30 0.00	40.86 -0.29 0.00	34.74 -0.21 0.00	26.02 -0.13 0.00	27.91 -0.08 0.00
HQ_GEN_WHEEL 23651	34.48 0.00 0.00	31.40 -0.03 0.00	28.78 0.06 0.00	28.88 0.03 0.00	29.84 0.03 0.00	31.31 0.00 0.00	33.58 -0.03 0.00	33.56 -0.07 0.00	37.26 -0.04 0.00	38.05 -0.04 0.00	36.03 0.00 0.00	34.05 0.00 0.00	30.51 0.00 0.00	29.09 0.00 0.00	27.86 -0.06 0.00	26.79 -0.11 0.00	31.64 -0.16 0.00	35.34 -0.25 0.00	39.81 -0.28 0.00	42.76 -0.30 0.00	40.86 -0.29 0.00	34.74 -0.21 0.00	26.02 -0.13 0.00	27.91 -0.08 0.00
HUDSON AVE_GT_3 23810	36.48 2.00 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.32 2.05 -6.65	46.85 2.09 -11.14	45.75 2.50 -5.96	40.71 2.63 0.00	38.52 2.49 0.00	36.29 2.25 0.00	32.61 2.10 0.00	32.49 2.09 -1.30	31.69 2.01 -1.77	32.33 1.99 -3.45	34.06 2.26 0.00	39.65 2.70 -1.36	48.39 2.97 -5.33	53.64 3.27 -7.31	47.11 3.04 -2.93	38.32 2.48 -0.89	35.81 1.83 -7.83	33.94 1.93 -4.02
HUDSON AVE_GT_4 23540	36.48 2.00 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.32 2.05 -6.65	46.85 2.09 -11.14	45.75 2.50 -5.96	40.71 2.63 0.00	38.52 2.49 0.00	36.29 2.25 0.00	32.61 2.10 0.00	32.49 2.09 -1.30	31.69 2.01 -1.77	32.33 1.99 -3.45	34.06 2.26 0.00	39.65 2.70 -1.36	48.39 2.97 -5.33	53.64 3.27 -7.31	47.11 3.04 -2.93	38.32 2.48 -0.89	35.81 1.83 -7.83	33.94 1.93 -4.02
HUDSON AVE_GT_5 23657	36.48 2.00 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.32 2.05 -6.65	46.85 2.09 -11.14	45.75 2.50 -5.96	40.71 2.63 0.00	38.52 2.49 0.00	36.29 2.25 0.00	32.61 2.10 0.00	32.49 2.09 -1.30	31.69 2.01 -1.77	32.33 1.99 -3.45	34.06 2.26 0.00	39.65 2.70 -1.36	48.39 2.97 -5.33	53.64 3.27 -7.31	47.11 3.04 -2.93	38.32 2.48 -0.89	35.81 1.83 -7.83	33.94 1.93 -4.02
HUDSON_AVE_10 24168	36.38 1.90 0.00	33.85 1.73 -0.69	32.55 1.58 -2.25	31.88 1.59 -1.45	33.28 1.64 -1.83	35.88 1.78 -2.78	42.21 1.95 -6.65	46.72 1.95 -11.14	45.68 2.42 -5.96	40.60 2.51 0.00	38.41 2.38 0.00	36.19 2.14 0.00	32.55 2.04 0.00	32.40 2.01 -1.30	31.64 1.95 -1.77	32.28 1.94 -3.45	34.00 2.19 0.00	39.54 2.60 -1.36	48.27 2.85 -5.33	53.47 3.10 -7.31	46.99 2.92 -2.93	38.25 2.41 -0.89	35.73 1.75 -7.83	33.88 1.88 -4.02
HUDSON___115KV_TB 4 355613	36.31 1.83 0.00	33.60 1.35 -0.81	32.63 1.24 -2.67	31.81 1.24 -1.72	33.27 1.28 -2.18	35.96 1.35 -3.30	42.95 1.45 -7.90	48.26 1.41 -13.22	45.86 1.49 -7.07	39.76 1.68 0.00	37.44 1.41 0.00	35.34 1.29 0.00	31.64 1.13 0.00	30.20 1.11 0.00	29.32 0.95 -0.45	31.85 0.89 -4.07	33.14 1.34 0.00	38.69 1.49 -1.61	48.22 1.80 -6.33	53.76 2.02 -8.68	46.55 1.93 -3.47	37.58 1.57 -1.05	36.57 1.12 -9.29	34.02 1.26 -4.77
HUNTER MOUNT___DRP 323613	36.51 2.03 0.00	33.51 1.29 -0.79	32.51 1.18 -2.61	31.68 1.15 -1.68	33.13 1.19 -2.13	35.82 1.28 -3.23	42.67 1.34 -7.71	47.85 1.31 -12.91	45.55 1.34 -6.90	39.80 1.71 0.00	37.44 1.41 0.00	35.31 1.26 0.00	31.61 1.10 0.00	30.17 1.08 0.00	29.17 0.81 -0.44	31.56 0.70 -3.97	33.11 1.30 0.00	38.44 1.28 -1.57	47.95 1.68 -6.18	53.43 1.89 -8.47	46.34 1.81 -3.39	37.45 1.47 -1.03	36.25 1.02 -9.07	33.82 1.18 -4.66
HUNTINGTON_RES_REC 323705	36.65 2.17 0.00	34.19 2.07 -0.69	32.90 1.92 -2.25	32.20 1.90 -1.45	33.67 2.03 -1.83	36.32 2.22 -2.78	42.82 2.55 -6.65	49.39 2.69 -13.07	47.01 3.13 -6.58	41.06 2.97 0.00	38.88 2.85 0.00	36.39 2.35 0.00	32.64 2.13 0.00	31.30 2.12 -0.09	30.54 2.15 -0.48	32.59 2.26 -3.43	34.12 2.32 0.00	39.94 2.99 -1.36	48.63 3.21 -5.33	53.64 3.27 -7.31	47.28 3.21 -2.93	38.77 2.94 -0.89	36.15 2.17 -7.83	34.11 2.10 -4.02
HUNTLEY___63 23557	30.28 -4.03 0.16	27.79 -3.71 -0.07	25.44 -3.48 -0.20	25.46 -3.52 -0.13	26.20 -3.61 0.00	27.50 -3.79 0.02	29.55 -4.03 0.03	25.47 -3.87 4.29	27.69 -4.48 5.13	27.96 -4.46 5.67	26.53 -4.11 5.40	25.30 -3.61 5.14	22.38 -3.45 4.68	21.22 -3.37 4.49	20.44 -3.15 4.32	20.45 -2.82 3.62	23.85 -3.21 4.75	26.59 -3.74 5.26	30.67 -4.13 5.30	32.73 -4.52 5.80	30.98 -4.28 5.88	25.89 -3.84 5.22	23.23 -2.90 0.02	25.11 -3.22 -0.34
HUNTLEY___64 23558	30.28 -4.03 0.16	27.79 -3.71 -0.07	25.44 -3.48 -0.20	25.46 -3.52 -0.13	26.20 -3.61 0.00	27.50 -3.79 0.02	29.55 -4.03 0.03	25.47 -3.87 4.29	27.69 -4.48 5.13	27.96 -4.46 5.67	26.53 -4.11 5.40	25.30 -3.61 5.14	22.38 -3.45 4.68	21.22 -3.37 4.49	20.44 -3.15 4.32	20.45 -2.82 3.62	23.85 -3.21 4.75	26.59 -3.74 5.26	30.67 -4.13 5.30	32.73 -4.52 5.80	30.98 -4.28 5.88	25.89 -3.84 5.22	23.23 -2.90 0.02	25.11 -3.22 -0.34
HUNTLEY___65 23559	30.28 -4.03 0.16	27.79 -3.71 -0.07	25.44 -3.48 -0.20	25.46 -3.52 -0.13	26.20 -3.61 0.00	27.50 -3.79 0.02	29.55 -4.03 0.03	25.47 -3.87 4.29	27.69 -4.48 5.13	27.96 -4.46 5.67	26.53 -4.11 5.40	25.30 -3.61 5.14	22.38 -3.45 4.68	21.22 -3.37 4.49	20.44 -3.15 4.32	20.45 -2.82 3.62	23.85 -3.21 4.75	26.59 -3.74 5.26	30.67 -4.13 5.30	32.73 -4.52 5.80	30.98 -4.28 5.88	25.89 -3.84 5.22	23.23 -2.90 0.02	25.11 -3.22 -0.34
HUNTLEY___66 23560	30.28 -4.03 0.16	27.79 -3.71 -0.07	25.44 -3.48 -0.20	25.46 -3.52 -0.13	26.20 -3.61 0.00	27.50 -3.79 0.02	29.55 -4.03 0.03	25.47 -3.87 4.29	27.69 -4.48 5.13	27.96 -4.46 5.67	26.53 -4.11 5.40	25.30 -3.61 5.14	22.38 -3.45 4.68	21.22 -3.37 4.49	20.44 -3.15 4.32	20.45 -2.82 3.62	23.85 -3.21 4.75	26.59 -3.74 5.26	30.67 -4.13 5.30	32.73 -4.52 5.80	30.98 -4.28 5.88	25.89 -3.84 5.22	23.23 -2.90 0.02	25.11 -3.22 -0.34

HUNTLEY___67 23561	30.22 -4.10 0.16	27.73 -3.77 -0.07	25.39 -3.53 -0.20	25.43 -3.55 -0.13	26.15 -3.67 0.00	27.45 -3.85 0.01	29.53 -4.07 0.02	25.52 -3.93 4.18	27.77 -4.51 5.02	28.04 -4.49 5.55	26.57 -4.18 5.29	25.34 -3.68 5.03	22.42 -3.51 4.58	21.26 -3.43 4.40	20.48 -3.21 4.23	20.45 -2.90 3.54	23.85 -3.31 4.65	26.64 -3.81 5.15	30.67 -4.25 5.18	32.74 -4.65 5.67	30.99 -4.40 5.75	25.93 -3.91 5.11	23.20 -2.96 0.00	25.05 -3.27 -0.34
HUNTLEY___68 23562	30.22 -4.10 0.16	27.73 -3.77 -0.07	25.39 -3.53 -0.20	25.43 -3.55 -0.13	26.15 -3.67 0.00	27.45 -3.85 0.01	29.53 -4.07 0.02	25.52 -3.93 4.18	27.77 -4.51 5.02	28.04 -4.49 5.55	26.57 -4.18 5.29	25.34 -3.68 5.03	22.42 -3.51 4.58	21.26 -3.43 4.40	20.48 -3.21 4.23	20.45 -2.90 3.54	23.85 -3.31 4.65	26.64 -3.81 5.15	30.67 -4.25 5.18	32.74 -4.65 5.67	30.99 -4.40 5.75	25.93 -3.91 5.11	23.20 -2.96 0.00	25.05 -3.27 -0.34
HYLAND___LFGE 323620	33.07 -1.69 -0.28	29.95 -1.54 -0.05	27.16 -1.67 -0.11	27.32 -1.62 -0.08	28.63 -1.61 -0.44	30.39 -1.60 -0.67	33.45 -1.65 -1.48	43.34 -1.65 -11.36	47.17 -2.20 -12.08	47.56 -2.51 -11.99	44.90 -2.56 -11.42	42.74 -2.18 -10.87	37.97 -2.44 -9.90	36.13 -2.47 -9.52	34.90 -2.23 -9.22	33.28 -1.99 -8.38	39.94 -1.91 -10.05	44.86 -2.13 -11.40	50.70 -1.68 -12.29	55.10 -1.72 -13.76	52.85 -1.32 -13.03	44.81 -1.36 -11.22	26.70 -1.15 -1.70	26.74 -1.43 -0.17
INDECK___CORINTH 23802	36.41 1.93 0.00	34.05 1.76 -0.86	33.13 1.58 -2.83	32.25 1.59 -1.82	33.75 1.64 -2.30	36.56 1.75 -3.50	43.85 1.88 -8.35	49.67 2.05 -13.99	46.94 2.16 -7.48	40.37 2.28 0.00	37.87 1.84 0.00	35.71 1.67 0.00	31.88 1.37 0.00	30.37 1.28 0.00	29.68 1.28 -0.48	32.43 1.24 -4.30	33.27 1.46 0.00	39.21 1.92 -1.70	49.15 2.36 -6.69	54.82 2.58 -9.18	47.24 2.43 -3.67	37.99 1.92 -1.11	37.42 1.44 -9.83	34.63 1.59 -5.05
INDECK___ILION 23567	34.82 0.34 0.00	31.71 0.28 0.00	28.95 0.23 0.00	29.11 0.26 0.00	30.05 0.24 0.00	31.56 0.25 0.00	33.85 0.24 0.00	33.90 0.27 0.00	37.60 0.30 0.00	38.43 0.34 0.00	36.39 0.36 0.00	34.35 0.31 0.00	30.78 0.27 0.00	29.35 0.26 0.00	28.16 0.25 0.00	27.14 0.24 0.00	32.09 0.29 0.00	35.95 0.36 0.00	40.49 0.40 0.00	43.49 0.43 0.00	41.55 0.41 0.00	35.30 0.35 0.00	26.36 0.21 0.00	28.21 0.22 0.00
INDECK___OLEAN 23982	30.99 -3.38 0.11	28.11 -3.40 -0.07	26.03 -2.87 -0.18	26.03 -2.94 -0.12	26.74 -3.13 -0.06	28.06 -3.32 -0.07	29.97 -3.80 -0.15	28.04 -3.40 2.20	30.77 -3.73 2.80	31.14 -3.69 3.25	29.19 -3.75 3.09	27.12 -3.98 2.94	24.57 -3.26 2.68	23.55 -2.97 2.57	22.55 -2.90 2.46	22.16 -2.74 1.99	25.65 -3.44 2.72	29.23 -3.38 2.98	33.25 -3.93 2.91	36.03 -3.88 3.16	34.22 -3.62 3.30	28.77 -3.21 2.97	23.85 -2.49 -0.19	25.32 -2.97 -0.30
INDECK___OSWEGO 23783	33.31 -1.17 0.00	30.43 -1.07 -0.07	27.88 -1.06 -0.22	27.92 -1.07 -0.14	28.91 -1.07 -0.18	30.48 -1.10 -0.27	33.11 -1.14 -0.64	33.59 -1.11 -1.07	36.60 -1.27 -0.57	36.75 -1.33 0.00	34.77 -1.26 0.00	32.92 -1.12 0.00	29.41 -1.10 0.00	28.01 -1.08 0.00	26.97 -0.98 -0.04	26.34 -0.89 -0.33	30.88 -0.92 0.00	34.55 -1.17 -0.13	39.32 -1.28 -0.51	42.38 -1.38 -0.70	40.15 -1.28 -0.28	33.88 -1.15 -0.09	26.04 -0.86 -0.75	27.40 -0.98 -0.39
INDECK___YERKES 23781	30.32 -4.00 0.16	27.89 -3.61 -0.07	25.44 -3.48 -0.20	25.49 -3.49 -0.13	26.23 -3.58 0.00	27.53 -3.76 0.02	29.55 -4.03 0.03	25.47 -3.87 4.29	27.73 -4.44 5.13	27.77 -4.65 5.67	26.53 -4.11 5.40	25.64 -3.27 5.14	22.38 -3.45 4.68	21.22 -3.37 4.49	20.44 -3.15 4.32	20.37 -2.91 3.62	23.97 -3.08 4.75	26.45 -3.88 5.26	30.59 -4.21 5.30	32.39 -4.87 5.80	30.74 -4.53 5.88	25.89 -3.84 5.22	23.28 -2.85 0.02	25.16 -3.16 -0.34
INDIAN POINT_GT_1 24139	36.03 1.55 0.00	33.55 1.45 -0.67	32.21 1.29 -2.20	31.56 1.30 -1.41	32.97 1.37 -1.79	35.50 1.47 -2.72	41.73 1.61 -6.50	46.16 1.65 -10.88	45.06 1.94 -5.82	40.10 2.02 0.00	37.94 1.91 0.00	35.75 1.70 0.00	32.09 1.59 0.00	30.68 1.57 -0.02	29.84 1.54 -0.39	31.78 1.53 -3.35	33.55 1.75 0.00	39.01 2.10 -1.32	47.59 2.29 -5.21	52.74 2.54 -7.14	46.39 2.39 -2.86	37.77 1.96 -0.87	35.21 1.41 -7.65	33.40 1.48 -3.93
INDIAN POINT_GT_2 23659	36.03 1.55 0.00	33.55 1.45 -0.67	32.21 1.29 -2.20	31.56 1.30 -1.41	32.97 1.37 -1.79	35.50 1.47 -2.72	41.73 1.61 -6.50	46.16 1.65 -10.88	45.06 1.94 -5.82	40.10 2.02 0.00	37.94 1.91 0.00	35.75 1.70 0.00	32.09 1.59 0.00	30.68 1.57 -0.02	29.84 1.54 -0.39	31.78 1.53 -3.35	33.55 1.75 0.00	39.01 2.10 -1.32	47.59 2.29 -5.21	52.74 2.54 -7.14	46.39 2.39 -2.86	37.77 1.96 -0.87	35.21 1.41 -7.65	33.40 1.48 -3.93
INDIAN POINT_GT_3 24019	36.03 1.55 0.00	33.55 1.45 -0.67	32.21 1.29 -2.20	31.56 1.30 -1.41	32.97 1.37 -1.79	35.50 1.47 -2.72	41.73 1.61 -6.50	46.16 1.65 -10.88	45.06 1.94 -5.82	40.10 2.02 0.00	37.94 1.91 0.00	35.75 1.70 0.00	32.09 1.59 0.00	30.68 1.57 -0.02	29.84 1.54 -0.39	31.78 1.53 -3.35	33.55 1.75 0.00	39.01 2.10 -1.32	47.59 2.29 -5.21	52.74 2.54 -7.14	46.39 2.39 -2.86	37.77 1.96 -0.87	35.21 1.41 -7.65	33.40 1.48 -3.93
INDIAN POINT___2 23530	35.86 1.38 0.00	33.40 1.32 -0.65	32.07 1.21 -2.14	31.41 1.18 -1.38	32.78 1.22 -1.75	35.31 1.35 -2.65	41.42 1.48 -6.33	45.71 1.48 -10.60	44.72 1.75 -5.67	39.95 1.87 0.00	37.76 1.73 0.00	35.54 1.50 0.00	31.94 1.43 0.00	30.53 1.43 -0.01	29.68 1.40 -0.38	31.55 1.40 -3.26	33.30 1.50 0.00	38.80 1.92 -1.29	47.29 2.12 -5.07	52.34 2.32 -6.96	46.06 2.14 -2.78	37.61 1.82 -0.84	34.88 1.28 -7.45	33.19 1.37 -3.82
INDIAN POINT___3 23531	36.03 1.55 0.00	33.55 1.45 -0.67	32.26 1.32 -2.22	31.60 1.33 -1.42	32.98 1.37 -1.80	35.52 1.47 -2.74	41.81 1.65 -6.55	46.24 1.65 -10.96	45.10 1.94 -5.86	40.10 2.02 0.00	37.94 1.91 0.00	35.75 1.70 0.00	32.09 1.59 0.00	30.74 1.60 -0.05	29.88 1.54 -0.43	31.80 1.53 -3.38	33.55 1.75 0.00	39.02 2.10 -1.33	47.66 2.33 -5.25	52.79 2.54 -7.19	46.41 2.39 -2.88	37.78 1.96 -0.87	35.29 1.44 -7.70	33.46 1.51 -3.95
INGHAM_C_115KV_TB7 356103	34.93 0.45 0.00	31.78 0.35 0.00	29.01 0.29 0.00	29.14 0.29 0.00	30.11 0.30 0.00	31.62 0.31 0.00	33.92 0.30 0.00	33.97 0.34 0.00	37.67 0.37 0.00	38.50 0.42 0.00	36.50 0.47 0.00	34.45 0.41 0.00	30.87 0.37 0.00	29.44 0.35 0.00	28.22 0.31 0.00	27.19 0.30 0.00	32.15 0.35 0.00	35.98 0.39 0.00	40.49 0.40 0.00	43.53 0.47 0.00	41.59 0.45 0.00	35.34 0.38 0.00	26.39 0.24 0.00	28.24 0.25 0.00
IP CORINTH___1 23988	36.44 1.97 0.00	34.05 1.76 -0.86	33.16 1.61 -2.83	32.25 1.59 -1.82	33.75 1.64 -2.30	36.56 1.75 -3.50	43.85 1.88 -8.35	49.67 2.05 -13.99	46.94 2.16 -7.48	40.33 2.25 0.00	37.87 1.84 0.00	35.71 1.67 0.00	31.88 1.37 0.00	30.37 1.28 0.00	29.68 1.28 -0.48	32.43 1.24 -4.30	33.30 1.49 0.00	39.25 1.96 -1.70	49.15 2.37 -6.69	54.82 2.58 -9.18	47.24 2.43 -3.67	37.99 1.92 -1.11	37.42 1.44 -9.83	34.60 1.57 -5.05

IP___TICONDEROGA 23804	37.38 2.90 0.00	34.87 2.58 -0.86	33.87 2.33 -2.83	32.97 2.31 -1.81	34.52 2.41 -2.30	37.37 2.57 -3.49	44.71 2.76 -8.34	50.63 3.03 -13.97	47.90 3.13 -7.47	41.40 3.31 0.00	38.77 2.74 0.00	36.53 2.49 0.00	32.49 1.98 0.00	30.92 1.83 0.00	30.21 1.81 -0.48	32.94 1.75 -4.30	33.97 2.16 0.00	40.17 2.88 -1.70	50.31 3.53 -6.69	56.15 3.92 -9.17	48.47 3.66 -3.67	38.93 2.87 -1.11	38.09 2.12 -9.82	35.33 2.30 -5.04
ISLIP_RES_REC 323679	36.99 2.52 0.00	34.57 2.45 -0.69	33.24 2.27 -2.25	32.55 2.25 -1.45	34.09 2.44 -1.83	36.76 2.66 -2.78	43.32 3.06 -6.65	49.93 3.23 -13.07	47.61 3.73 -6.58	41.51 3.43 0.00	39.24 3.21 0.00	36.70 2.66 0.00	32.89 2.38 0.00	31.53 2.36 -0.09	30.79 2.40 -0.48	32.85 2.53 -3.43	34.38 2.57 0.00	40.22 3.27 -1.36	49.27 3.85 -5.33	54.33 3.96 -7.31	47.85 3.78 -2.93	39.16 3.32 -0.89	36.49 2.51 -7.83	34.47 2.46 -4.02
JAMAICA__27_KV_LOAD 355505	36.55 2.07 0.00	33.94 1.82 -0.69	32.67 1.69 -2.25	32.00 1.70 -1.45	33.37 1.73 -1.83	36.01 1.91 -2.78	42.35 2.08 -6.65	46.82 2.05 -11.14	45.83 2.57 -5.96	40.75 2.67 0.00	38.52 2.49 0.00	36.33 2.28 0.00	32.73 2.23 0.00	32.57 2.18 -1.30	31.78 2.09 -1.77	32.46 2.12 -3.45	34.16 2.35 0.00	39.76 2.81 -1.36	48.43 3.01 -5.33	53.64 3.27 -7.31	47.19 3.13 -2.93	38.42 2.59 -0.89	35.89 1.91 -7.83	34.08 2.07 -4.02
JANIS___SOLAR 323808	34.92 0.21 -0.24	31.92 0.16 -0.33	29.96 0.06 -1.18	29.65 0.06 -0.74	31.06 0.09 -1.16	33.27 0.16 -1.81	38.08 0.13 -4.33	46.58 0.24 -12.71	47.81 0.07 -10.44	45.23 -0.11 -7.26	42.70 -0.25 -6.92	40.22 -0.41 -6.58	36.00 -0.49 -5.99	34.29 -0.55 -5.75	33.18 -0.50 -5.77	33.50 -0.24 -6.85	37.97 0.10 -6.07	43.42 0.21 -7.61	50.77 0.44 -10.24	55.88 0.65 -12.17	51.27 0.70 -9.43	42.66 0.45 -7.25	31.41 0.18 -5.08	30.20 0.06 -2.15
JARVIS____ 23743	34.75 0.27 0.00	31.68 0.25 0.00	28.92 0.20 0.00	29.05 0.20 0.00	30.02 0.21 0.00	31.53 0.22 0.00	33.82 0.20 0.00	33.87 0.24 0.00	37.56 0.26 0.00	38.35 0.27 0.00	36.29 0.25 0.00	34.25 0.21 0.00	30.69 0.18 0.00	29.29 0.21 0.00	28.11 0.20 0.00	27.08 0.19 0.00	32.03 0.22 0.00	35.91 0.32 0.00	40.45 0.36 0.00	43.45 0.39 0.00	41.51 0.37 0.00	35.27 0.31 0.00	26.36 0.21 0.00	28.21 0.22 0.00
JENNISON___1 23625	34.87 0.34 -0.04	31.99 0.28 -0.27	29.84 0.20 -0.92	29.66 0.23 -0.58	30.83 0.24 -0.78	32.78 0.28 -1.19	36.67 0.20 -2.85	39.73 0.37 -5.73	41.34 0.34 -3.70	39.58 0.23 -1.27	37.42 0.18 -1.21	35.23 0.03 -1.15	31.49 -0.06 -1.05	29.98 -0.12 -1.01	28.90 -0.14 -1.13	29.20 0.03 -2.28	33.15 0.29 -1.06	37.81 0.46 -1.76	44.28 0.72 -3.47	48.23 0.73 -4.43	44.41 0.70 -2.57	37.06 0.56 -1.55	29.71 0.21 -3.35	29.80 0.17 -1.64
JENNISON___2 23626	34.87 0.34 -0.04	31.99 0.28 -0.27	29.84 0.20 -0.92	29.66 0.23 -0.58	30.83 0.24 -0.78	32.78 0.28 -1.19	36.67 0.20 -2.85	39.73 0.37 -5.73	41.34 0.34 -3.70	39.58 0.23 -1.27	37.42 0.18 -1.21	35.23 0.03 -1.15	31.49 -0.06 -1.05	29.98 -0.12 -1.01	28.90 -0.14 -1.13	29.20 0.03 -2.28	33.15 0.29 -1.06	37.81 0.46 -1.76	44.28 0.72 -3.47	48.23 0.73 -4.43	44.41 0.70 -2.57	37.06 0.56 -1.55	29.71 0.21 -3.35	29.80 0.17 -1.64
JERICHO_RISE_WT_PWR 323719	34.27 -0.21 0.00	31.18 -0.25 0.00	28.64 -0.09 0.00	28.76 -0.09 0.00	29.72 -0.09 0.00	31.16 -0.16 0.00	33.34 -0.27 0.00	33.29 -0.34 0.00	37.00 -0.30 0.00	37.93 -0.15 0.00	36.00 -0.04 0.00	34.05 0.00 0.00	30.45 -0.06 0.00	28.92 -0.17 0.00	27.52 -0.39 0.00	26.33 -0.57 0.00	31.07 -0.73 0.00	34.59 -1.00 0.00	38.85 -1.24 0.00	41.81 -1.25 0.00	39.78 -1.36 0.00	33.76 -1.19 0.00	25.31 -0.84 0.00	27.18 -0.81 0.00
KATONAH___115KV_46KV_TB4 355592	36.34 1.86 0.00	33.82 1.70 -0.69	32.54 1.55 -2.27	31.87 1.56 -1.46	33.30 1.64 -1.85	35.87 1.75 -2.81	42.20 1.88 -6.71	46.78 1.92 -11.23	45.58 2.28 -6.00	40.45 2.36 0.00	38.27 2.23 0.00	36.05 2.01 0.00	32.34 1.83 0.00	30.90 1.80 -0.01	30.04 1.73 -0.40	32.07 1.72 -3.46	33.81 2.00 0.00	39.34 2.38 -1.37	48.03 2.57 -5.37	53.27 2.84 -7.37	46.81 2.72 -2.95	38.08 2.24 -0.89	35.67 1.62 -7.89	33.75 1.71 -4.05
KCE_NY_1 323755	36.20 1.72 0.00	33.86 1.57 -0.86	32.95 1.41 -2.82	32.07 1.41 -1.81	33.59 1.49 -2.30	36.33 1.53 -3.49	43.59 1.65 -8.33	49.32 1.75 -13.95	46.62 1.86 -7.46	39.99 1.90 0.00	37.66 1.62 0.00	35.51 1.46 0.00	31.76 1.25 0.00	30.28 1.19 0.00	29.56 1.17 -0.48	32.34 1.16 -4.29	33.17 1.37 0.00	39.07 1.78 -1.70	48.89 2.12 -6.67	54.49 2.28 -9.15	46.98 2.18 -3.66	37.84 1.78 -1.11	37.29 1.33 -9.80	34.45 1.43 -5.03
KCE_NY_6_ESR 323823	30.53 -3.79 0.15	27.98 -3.52 -0.07	25.62 -3.30 -0.20	25.64 -3.35 -0.13	26.37 -3.46 -0.02	27.68 -3.63 0.00	29.66 -3.97 -0.02	26.04 -3.70 3.89	28.39 -4.21 4.70	28.51 -4.34 5.23	27.09 -3.96 4.98	25.94 -3.37 4.74	22.87 -3.32 4.31	21.75 -3.20 4.14	20.89 -3.04 3.98	20.75 -2.82 3.32	24.31 -3.12 4.38	27.05 -3.70 4.84	31.15 -4.09 4.85	33.19 -4.57 5.31	31.50 -4.24 5.40	26.51 -3.64 4.81	23.47 -2.72 -0.04	25.22 -3.11 -0.34
KEDC_PORT_JEFF_GT2 24210	36.86 2.38 0.00	34.44 2.33 -0.69	33.16 2.18 -2.25	32.46 2.16 -1.45	34.00 2.35 -1.83	36.66 2.57 -2.78	43.22 2.96 -6.65	49.79 3.09 -13.07	47.46 3.58 -6.58	41.36 3.28 0.00	39.10 3.06 0.00	36.60 2.55 0.00	32.80 2.29 0.00	31.45 2.27 -0.09	30.70 2.32 -0.48	32.77 2.45 -3.43	34.25 2.45 0.00	40.08 3.13 -1.36	49.11 3.69 -5.33	54.11 3.74 -7.31	47.64 3.58 -2.93	39.02 3.18 -0.89	36.38 2.40 -7.83	34.39 2.38 -4.02
KEDC_PORT_JEFF_GT3 24211	36.86 2.38 0.00	34.44 2.33 -0.69	33.16 2.18 -2.25	32.46 2.16 -1.45	34.00 2.35 -1.83	36.66 2.57 -2.78	43.22 2.96 -6.65	49.79 3.09 -13.07	47.46 3.58 -6.58	41.36 3.28 0.00	39.10 3.06 0.00	36.60 2.55 0.00	32.80 2.29 0.00	31.45 2.27 -0.09	30.70 2.32 -0.48	32.77 2.45 -3.43	34.25 2.45 0.00	40.08 3.13 -1.36	49.11 3.69 -5.33	54.11 3.74 -7.31	47.64 3.58 -2.93	39.02 3.18 -0.89	36.38 2.40 -7.83	34.39 2.38 -4.02
KEDC_GLWD_GT4 24219	36.65 2.17 0.00	34.16 2.04 -0.69	32.84 1.87 -2.25	32.14 1.85 -1.45	33.58 1.94 -1.83	36.19 2.10 -2.78	42.69 2.42 -6.65	49.19 2.49 -13.07	46.83 2.95 -6.58	41.02 2.93 0.00	38.88 2.85 0.00	36.46 2.42 0.00	32.70 2.20 0.00	31.36 2.18 -0.09	30.54 2.15 -0.48	32.56 2.23 -3.43	34.19 2.39 0.00	39.94 2.99 -1.36	48.67 3.25 -5.33	53.82 3.45 -7.31	47.36 3.29 -2.93	38.67 2.83 -0.89	36.04 2.07 -7.83	34.05 2.04 -4.02
KEDC_GLWD_GT5 24220	36.65 2.17 0.00	34.16 2.04 -0.69	32.84 1.87 -2.25	32.14 1.85 -1.45	33.58 1.94 -1.83	36.19 2.10 -2.78	42.69 2.42 -6.65	49.19 2.49 -13.07	46.83 2.95 -6.58	41.02 2.93 0.00	38.88 2.85 0.00	36.46 2.42 0.00	32.70 2.20 0.00	31.36 2.18 -0.09	30.54 2.15 -0.48	32.56 2.23 -3.43	34.19 2.39 0.00	39.94 2.99 -1.36	48.67 3.25 -5.33	53.82 3.45 -7.31	47.36 3.29 -2.93	38.67 2.83 -0.89	36.04 2.07 -7.83	34.05 2.04 -4.02

KENSICO____ 23655	36.24 1.76 0.00	33.72 1.60 -0.68	32.43 1.46 -2.25	31.76 1.47 -1.44	33.16 1.52 -1.83	35.72 1.63 -2.78	42.07 1.82 -6.64	46.59 1.85 -11.12	45.44 2.20 -5.94	40.33 2.25 0.00	38.20 2.16 0.00	35.95 1.91 0.00	32.31 1.80 0.00	30.94 1.77 -0.07	30.10 1.73 -0.46	32.04 1.72 -3.43	33.77 1.97 0.00	39.29 2.35 -1.35	47.98 2.57 -5.32	53.20 2.84 -7.30	46.74 2.67 -2.92	38.00 2.17 -0.88	35.56 1.60 -7.81	33.68 1.68 -4.01
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.07 1.59 0.00	33.53 1.45 -0.65	32.16 1.29 -2.15	31.52 1.30 -1.38	32.90 1.34 -1.75	35.43 1.47 -2.65	41.56 1.61 -6.33	45.78 1.55 -10.61	44.80 1.83 -5.67	39.87 1.79 0.00	37.69 1.66 0.00	35.51 1.46 0.00	31.88 1.37 0.00	30.43 1.34 0.00	29.56 1.28 -0.36	31.45 1.29 -3.26	33.33 1.53 0.00	38.77 1.89 -1.29	47.33 2.16 -5.08	52.56 2.54 -6.96	46.31 2.39 -2.79	37.72 1.92 -0.84	34.94 1.33 -7.45	33.27 1.46 -3.83
KIAC_JFK_GT1 23816	36.38 1.90 0.00	33.78 1.67 -0.69	32.52 1.55 -2.25	31.85 1.56 -1.45	33.22 1.58 -1.83	35.85 1.75 -2.78	42.18 1.92 -6.65	46.52 1.75 -11.14	45.64 2.39 -5.96	40.56 2.48 0.00	38.38 2.34 0.00	36.16 2.11 0.00	32.58 2.07 0.00	32.43 2.04 -1.30	31.67 1.98 -1.77	32.33 1.99 -3.45	34.00 2.19 0.00	39.58 2.63 -1.36	48.07 2.65 -5.33	53.26 2.89 -7.31	46.78 2.72 -2.93	38.25 2.41 -0.89	35.76 1.78 -7.83	33.94 1.93 -4.02
KIAC_JFK_GT2 23817	36.38 1.90 0.00	33.78 1.67 -0.69	32.52 1.55 -2.25	31.85 1.56 -1.45	33.22 1.58 -1.83	35.85 1.75 -2.78	42.18 1.92 -6.65	46.52 1.75 -11.14	45.64 2.39 -5.96	40.56 2.48 0.00	38.38 2.34 0.00	36.16 2.11 0.00	32.58 2.07 0.00	32.43 2.04 -1.30	31.67 1.98 -1.77	32.33 1.99 -3.45	34.00 2.19 0.00	39.58 2.63 -1.36	48.07 2.65 -5.33	53.26 2.89 -7.31	46.78 2.72 -2.93	38.25 2.41 -0.89	35.76 1.78 -7.83	33.94 1.93 -4.02
KIAC_JFK____ 323774	36.37 1.90 0.00	33.81 1.70 -0.69	32.61 1.64 -2.25	31.82 1.53 -1.45	33.22 1.58 -1.83	35.82 1.72 -2.78	42.21 1.95 -6.65	46.52 1.75 -11.14	45.64 2.39 -5.96	40.64 2.55 0.00	38.37 2.34 0.00	36.12 2.08 0.00	32.58 2.08 0.00	32.43 2.04 -1.30	31.67 1.98 -1.77	32.33 1.99 -3.45	33.93 2.13 0.00	39.58 2.63 -1.36	48.07 2.65 -5.33	53.21 2.84 -7.31	46.74 2.67 -2.93	38.25 2.41 -0.89	35.73 1.75 -7.83	33.91 1.90 -4.02
KINTIGH____ 23543	30.59 -3.76 0.13	28.14 -3.36 -0.07	25.73 -3.19 -0.20	25.78 -3.20 -0.13	26.57 -3.28 -0.04	27.94 -3.41 -0.04	30.26 -3.46 -0.11	27.09 -3.46 3.08	29.40 -4.07 3.83	29.72 -4.00 4.36	28.24 -3.64 4.16	26.96 -3.13 3.95	23.83 -3.08 3.60	22.55 -3.08 3.46	21.75 -2.85 3.32	21.73 -2.45 2.72	25.41 -2.74 3.65	28.33 -3.24 4.02	32.55 -3.57 3.97	34.86 -3.88 4.32	32.93 -3.74 4.47	27.49 -3.46 4.00	23.63 -2.67 -0.14	25.48 -2.86 -0.34
KNTFSRNC_46_KV_46KV_LOAD 80397	34.79 0.31 0.00	31.68 0.25 0.00	29.07 0.34 0.00	29.17 0.32 0.00	30.17 0.36 0.00	31.62 0.31 0.00	33.85 0.24 0.00	33.76 0.13 0.00	37.56 0.26 0.00	38.58 0.50 0.00	36.65 0.61 0.00	34.73 0.68 0.00	30.96 0.46 0.00	29.35 0.26 0.00	27.88 -0.03 0.00	26.68 -0.22 0.00	31.45 -0.35 0.00	35.09 -0.50 0.00	39.29 -0.80 0.00	42.20 -0.86 0.00	40.11 -1.03 0.00	34.04 -0.91 0.00	25.50 -0.65 0.00	27.23 -0.76 0.00
LACHUTE____HYDRO 323717	37.34 2.86 0.00	34.87 2.58 -0.86	33.87 2.33 -2.83	32.97 2.31 -1.81	34.52 2.41 -2.30	37.37 2.57 -3.49	44.68 2.72 -8.34	50.63 3.03 -13.97	47.90 3.13 -7.47	41.40 3.31 0.00	38.77 2.74 0.00	36.50 2.45 0.00	32.49 1.98 0.00	30.92 1.83 0.00	30.21 1.81 -0.48	32.94 1.75 -4.30	33.93 2.13 0.00	40.10 2.81 -1.70	50.34 3.57 -6.69	56.15 3.92 -9.17	48.51 3.70 -3.67	38.93 2.87 -1.11	38.11 2.14 -9.82	35.33 2.30 -5.04
LAWRNCV_115KV_TB1 80681	34.27 -0.21 0.00	31.29 -0.16 -0.01	28.70 -0.06 -0.04	28.79 -0.09 -0.02	29.72 -0.12 -0.03	31.20 -0.16 -0.05	33.49 -0.24 -0.11	33.51 -0.30 -0.18	37.06 -0.34 -0.10	37.74 -0.34 0.00	35.78 -0.25 0.00	33.81 -0.24 0.00	30.29 -0.21 0.00	28.86 -0.23 0.00	27.58 -0.33 -0.01	26.60 -0.35 -0.06	31.36 -0.45 0.00	35.11 -0.50 -0.02	39.62 -0.56 -0.09	42.58 -0.60 -0.12	40.61 -0.58 -0.05	34.55 -0.42 -0.01	26.02 -0.26 -0.13	27.69 -0.36 -0.06
LEDERLE____ 23769	36.07 1.59 0.00	33.56 1.48 -0.65	32.22 1.35 -2.15	31.59 1.36 -1.38	32.96 1.40 -1.75	35.47 1.50 -2.66	41.65 1.68 -6.35	45.95 1.68 -10.64	44.97 1.98 -5.69	40.14 2.06 0.00	37.98 1.95 0.00	35.78 1.74 0.00	32.12 1.62 0.00	30.70 1.60 -0.01	29.85 1.56 -0.38	31.70 1.53 -3.28	33.58 1.78 0.00	39.02 2.14 -1.29	47.55 2.37 -5.09	52.67 2.63 -6.98	46.40 2.47 -2.80	37.83 2.03 -0.85	35.09 1.46 -7.48	33.37 1.54 -3.84
LIGHTRSE_115KV_TB6 355974	33.48 -1.00 0.00	30.55 -0.94 -0.06	27.97 -0.95 -0.20	28.03 -0.95 -0.13	29.02 -0.95 -0.16	30.56 -1.00 -0.25	33.16 -1.04 -0.59	33.61 -1.01 -0.99	36.63 -1.19 -0.53	36.83 -1.26 0.00	34.77 -1.26 0.00	32.82 -1.23 0.00	29.38 -1.13 0.00	27.96 -1.13 0.00	26.89 -1.06 -0.03	26.26 -0.94 -0.30	30.85 -0.95 0.00	34.64 -1.07 -0.12	39.52 -1.04 -0.47	42.63 -1.08 -0.65	40.37 -1.03 -0.26	34.12 -0.91 -0.08	26.09 -0.76 -0.69	27.51 -0.84 -0.36
LINDEN COGEN____ 23786	36.24 1.76 0.00	33.75 1.63 -0.69	32.47 1.49 -2.25	31.77 1.47 -1.45	33.16 1.52 -1.83	35.75 1.66 -2.78	42.11 1.85 -6.65	46.62 1.85 -11.14	45.49 2.24 -5.96	40.52 2.44 0.00	38.34 2.31 0.00	36.05 2.01 0.00	32.43 1.92 0.00	32.34 1.95 -1.30	31.56 1.87 -1.77	32.17 1.83 -3.45	33.78 1.97 0.00	39.47 2.53 -1.36	48.19 2.76 -5.33	53.34 2.97 -7.31	46.87 2.80 -2.93	38.08 2.24 -0.89	35.60 1.62 -7.83	33.72 1.71 -4.02
LINDHRST_69_KV_BK1 356055	36.89 2.41 0.00	34.32 2.20 -0.69	33.01 2.04 -2.25	32.37 2.08 -1.45	33.85 2.21 -1.83	36.51 2.41 -2.78	42.99 2.72 -6.65	49.59 2.89 -13.07	47.20 3.32 -6.58	41.13 3.05 0.00	38.99 2.95 0.00	36.67 2.62 0.00	32.76 2.26 0.00	31.50 2.33 -0.09	30.73 2.34 -0.48	32.69 2.37 -3.43	34.47 2.67 0.00	40.26 3.31 -1.36	49.11 3.69 -5.33	54.20 3.83 -7.31	47.97 3.91 -2.93	39.02 3.18 -0.89	36.39 2.41 -7.83	34.30 2.30 -4.02
LIPA_MISC_IPP 23656	36.72 2.24 0.00	34.16 2.04 -0.69	32.98 2.01 -2.25	32.40 2.11 -1.45	33.97 2.33 -1.83	36.66 2.57 -2.78	43.19 2.92 -6.65	49.80 3.09 -13.07	47.42 3.54 -6.58	40.90 2.82 0.00	38.63 2.59 0.00	36.46 2.42 0.00	32.58 2.07 0.00	31.30 2.12 -0.09	30.57 2.18 -0.48	32.59 2.26 -3.43	34.12 2.32 0.00	39.94 2.99 -1.36	49.03 3.61 -5.33	53.86 3.49 -7.31	47.85 3.78 -2.93	38.84 3.01 -0.89	36.39 2.41 -7.83	34.33 2.32 -4.02
LISF____SOLAR 323691	36.75 2.28 0.00	34.44 2.33 -0.69	33.16 2.18 -2.25	32.46 2.16 -1.45	34.06 2.41 -1.83	36.73 2.63 -2.78	43.29 3.03 -6.65	49.90 3.20 -13.07	47.54 3.66 -6.58	41.32 3.24 0.00	38.99 2.96 0.00	36.46 2.42 0.00	32.67 2.17 0.00	31.30 2.12 -0.09	30.59 2.20 -0.48	32.67 2.34 -3.43	34.03 2.23 0.00	39.87 2.92 -1.36	48.99 3.57 -5.33	53.94 3.57 -7.31	47.48 3.41 -2.93	38.95 3.11 -0.89	36.38 2.40 -7.83	34.39 2.38 -4.02

LITTLE FALLS___HYD 24013	34.93 0.45 0.00	31.78 0.35 0.00	29.01 0.29 0.00	29.14 0.29 0.00	30.11 0.30 0.00	31.62 0.31 0.00	33.92 0.30 0.00	33.97 0.34 0.00	37.67 0.37 0.00	38.50 0.42 0.00	36.50 0.47 0.00	34.45 0.41 0.00	30.87 0.37 0.00	29.44 0.35 0.00	28.22 0.31 0.00	27.19 0.30 0.00	32.15 0.35 0.00	35.98 0.39 0.00	40.49 0.40 0.00	43.53 0.47 0.00	41.59 0.45 0.00	35.34 0.38 0.00	26.39 0.24 0.00	28.24 0.25 0.00
LITTLRIV_115KV_TB1 356100	34.62 0.14 0.00	31.60 0.16 -0.01	28.99 0.23 -0.04	29.08 0.20 -0.02	30.02 0.18 -0.03	31.52 0.16 -0.05	33.76 0.03 -0.11	33.82 0.00 -0.19	37.36 -0.04 -0.10	37.97 -0.11 0.00	36.00 -0.04 0.00	34.01 -0.03 0.00	30.48 -0.03 0.00	29.00 -0.09 0.00	27.72 -0.20 -0.01	26.77 -0.19 -0.06	31.58 -0.22 0.00	35.40 -0.21 -0.02	40.06 -0.12 -0.09	43.06 -0.13 -0.13	41.07 -0.12 -0.05	34.93 -0.03 -0.02	26.29 0.00 -0.13	27.98 -0.08 -0.07
LI_NEWBRDGE___DRP 323616	36.44 1.97 0.00	33.88 1.76 -0.69	32.61 1.64 -2.25	31.97 1.67 -1.45	33.40 1.76 -1.83	36.01 1.91 -2.78	42.45 2.18 -6.65	48.99 2.29 -13.07	46.57 2.69 -6.58	40.60 2.51 0.00	38.48 2.45 0.00	36.22 2.18 0.00	32.43 1.92 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.29 1.96 -3.43	34.03 2.23 0.00	39.69 2.74 -1.36	48.39 2.97 -5.33	53.43 3.06 -7.31	47.19 3.13 -2.93	38.39 2.55 -0.89	35.91 1.94 -7.83	33.88 1.88 -4.02
LOCKPORT_115KV_TB60_63_64 80432	30.00 -4.31 0.17	27.54 -3.96 -0.07	25.21 -3.71 -0.19	25.23 -3.75 -0.13	25.95 -3.85 0.01	27.24 -4.04 0.04	29.31 -4.24 0.07	24.89 -4.17 4.57	27.32 -4.81 5.43	25.92 -4.80 5.97	24.76 -4.43 5.69	21.83 -3.88 5.41	20.66 -3.75 4.92	19.93 -3.69 4.73	20.00 -3.43 4.55	23.34 -3.07 3.83	26.03 -3.47 5.00	30.08 -4.02 5.54	32.09 -4.41 5.60	30.33 -4.82 6.15	25.30 -4.61 6.20	22.96 -4.16 5.50	24.91 -3.14 0.06	-0.33 -3.41 -0.33
LOCKPORT___CC1 323769	29.98 -4.31 0.19	27.67 -3.84 -0.07	25.18 -3.73 -0.19	25.23 -3.75 -0.13	25.96 -3.82 0.03	27.23 -4.01 0.07	29.19 -4.27 0.15	24.17 -4.14 5.32	26.25 -4.81 6.24	26.28 -5.03 6.78	25.11 -4.47 6.45	24.36 -3.54 6.14	21.19 -3.72 5.59	20.02 -3.69 5.37	19.31 -3.43 5.17	19.33 -3.17 4.39	22.76 -3.37 5.67	25.05 -4.24 6.31	29.10 -4.57 6.42	30.70 -5.30 7.06	29.13 -4.94 7.08	24.51 -4.20 6.25	22.88 -3.11 0.16	24.90 -3.42 -0.33
LOCKPORT___CC2 323770	29.98 -4.31 0.19	27.67 -3.84 -0.07	25.18 -3.73 -0.19	25.23 -3.75 -0.13	25.96 -3.82 0.03	27.23 -4.01 0.07	29.19 -4.27 0.15	24.17 -4.14 5.32	26.25 -4.81 6.24	26.28 -5.03 6.78	25.11 -4.47 6.45	24.36 -3.54 6.14	21.19 -3.72 5.59	20.02 -3.69 5.37	19.31 -3.43 5.17	19.33 -3.17 4.39	22.76 -3.37 5.67	25.05 -4.24 6.31	29.10 -4.57 6.42	30.70 -5.30 7.06	29.13 -4.94 7.08	24.51 -4.20 6.25	22.88 -3.11 0.16	24.90 -3.42 -0.33
LOCKPORT___CC3 323771	29.98 -4.31 0.19	27.67 -3.84 -0.07	25.18 -3.73 -0.19	25.23 -3.75 -0.13	25.96 -3.82 0.03	27.23 -4.01 0.07	29.19 -4.27 0.15	24.17 -4.14 5.32	26.25 -4.81 6.24	26.28 -5.03 6.78	25.11 -4.47 6.45	24.36 -3.54 6.14	21.19 -3.72 5.59	20.02 -3.69 5.37	19.31 -3.43 5.17	19.33 -3.17 4.39	22.76 -3.37 5.67	25.05 -4.24 6.31	29.10 -4.57 6.42	30.70 -5.30 7.06	29.13 -4.94 7.08	24.51 -4.20 6.25	22.88 -3.11 0.16	24.90 -3.42 -0.33
LONG_LAKE_PHOENIX 24014	33.31 -1.17 0.00	30.40 -1.10 -0.07	27.88 -1.06 -0.22	27.93 -1.07 -0.14	28.92 -1.07 -0.18	30.49 -1.10 -0.28	33.13 -1.14 -0.66	33.63 -1.11 -1.11	36.62 -1.27 -0.59	36.83 -1.26 0.00	34.81 -1.23 0.00	32.92 -1.12 0.00	29.44 -1.07 0.00	28.04 -1.05 0.00	26.97 -0.98 -0.04	26.35 -0.89 -0.34	30.88 -0.92 0.00	34.55 -1.17 -0.13	39.34 -1.28 -0.53	42.41 -1.38 -0.73	40.11 -1.32 -0.29	33.89 -1.15 -0.09	26.01 -0.92 -0.78	27.41 -0.98 -0.40
LOVETT___3 23632	35.96 1.48 0.00	33.47 1.38 -0.66	32.15 1.26 -2.17	31.51 1.27 -1.39	32.89 1.31 -1.77	35.40 1.41 -2.68	41.56 1.55 -6.40	45.93 1.58 -10.72	44.90 1.86 -5.73	40.03 1.94 0.00	37.87 1.84 0.00	35.68 1.63 0.00	32.03 1.53 0.00	30.65 1.54 -0.01	29.78 1.48 -0.38	31.67 1.48 -3.30	33.49 1.69 0.00	38.92 2.03 -1.30	47.43 2.21 -5.13	52.55 2.45 -7.04	46.26 2.30 -2.82	37.69 1.89 -0.85	35.07 1.39 -7.54	33.31 1.46 -3.87
LOVETT___4 23642	35.96 1.48 0.00	33.47 1.38 -0.66	32.15 1.26 -2.17	31.51 1.27 -1.39	32.89 1.31 -1.77	35.40 1.41 -2.68	41.56 1.55 -6.40	45.93 1.58 -10.72	44.90 1.86 -5.73	40.03 1.94 0.00	37.87 1.84 0.00	35.68 1.63 0.00	32.03 1.53 0.00	30.65 1.54 -0.01	29.78 1.48 -0.38	31.67 1.48 -3.30	33.49 1.69 0.00	38.92 2.03 -1.30	47.43 2.21 -5.13	52.55 2.45 -7.04	46.26 2.30 -2.82	37.69 1.89 -0.85	35.07 1.39 -7.54	33.31 1.46 -3.87
LOVETT___5 23593	35.96 1.48 0.00	33.47 1.38 -0.66	32.15 1.26 -2.17	31.51 1.27 -1.39	32.89 1.31 -1.77	35.40 1.41 -2.68	41.56 1.55 -6.40	45.93 1.58 -10.72	44.90 1.86 -5.73	40.03 1.94 0.00	37.87 1.84 0.00	35.68 1.63 0.00	32.03 1.53 0.00	30.65 1.54 -0.01	29.78 1.48 -0.38	31.67 1.48 -3.30	33.49 1.69 0.00	38.92 2.03 -1.30	47.43 2.21 -5.13	52.55 2.45 -7.04	46.26 2.30 -2.82	37.69 1.89 -0.85	35.07 1.39 -7.54	33.31 1.46 -3.87
LOWER RAQUET___HYD 24057	34.17 -0.31 0.00	31.16 -0.28 -0.01	28.62 -0.14 -0.04	28.70 -0.17 -0.03	29.63 -0.21 -0.03	31.11 -0.25 -0.05	33.40 -0.34 -0.12	33.46 -0.37 -0.20	37.00 -0.41 -0.11	37.63 -0.46 0.00	35.67 -0.36 0.00	33.67 -0.37 0.00	30.20 -0.31 0.00	28.74 -0.35 0.00	27.50 -0.42 -0.01	26.47 -0.48 -0.06	31.23 -0.57 0.00	34.87 -0.75 -0.02	39.39 -0.80 -0.10	42.46 -0.73 -0.13	40.45 -0.74 -0.05	34.37 -0.59 -0.02	25.85 -0.44 -0.14	27.61 -0.45 -0.07
LOWER___HUDSON 24059	35.96 1.48 0.00	33.63 1.35 -0.84	32.73 1.23 -2.77	31.87 1.24 -1.78	33.35 1.28 -2.26	36.05 1.31 -3.42	43.21 1.41 -8.18	48.78 1.45 -13.70	46.16 1.53 -7.33	39.65 1.56 0.00	37.37 1.33 0.00	35.27 1.22 0.00	31.60 1.10 0.00	30.17 1.08 0.00	29.44 1.06 -0.47	32.16 1.05 -4.22	33.01 1.21 0.00	38.79 1.53 -1.67	48.41 1.76 -6.56	53.90 1.85 -8.99	46.51 1.77 -3.60	37.58 1.54 -1.09	36.93 1.15 -9.63	34.16 1.23 -4.94
LOWVILLE_115KV_TB2 356335	34.34 -0.14 0.00	31.30 -0.16 -0.03	28.65 -0.17 -0.10	28.74 -0.17 -0.06	29.71 -0.18 -0.08	31.25 -0.19 -0.12	33.61 -0.30 -0.30	33.92 -0.20 -0.50	37.23 -0.34 -0.26	37.59 -0.50 0.00	35.53 -0.50 0.00	33.43 -0.61 0.00	29.96 -0.55 0.00	28.51 -0.58 0.00	27.34 -0.59 -0.02	26.59 -0.46 -0.15	31.42 -0.38 0.00	35.37 -0.28 -0.06	40.29 -0.04 -0.24	43.39 0.00 -0.32	41.27 0.00 -0.13	34.99 0.00 -0.04	26.34 -0.16 -0.35	27.92 -0.25 -0.18
LUTHERFT_115KV_GLOB_FND_222 355753	36.20 1.72 0.00	33.86 1.57 -0.86	32.95 1.41 -2.82	32.07 1.41 -1.81	33.56 1.46 -2.30	36.33 1.53 -3.49	43.59 1.65 -8.33	49.32 1.75 -13.95	46.58 1.83 -7.46	39.95 1.87 0.00	37.62 1.59 0.00	35.51 1.46 0.00	31.76 1.25 0.00	30.28 1.19 0.00	29.56 1.17 -0.48	32.34 1.16 -4.29	33.20 1.40 0.00	39.07 1.78 -1.70	48.89 2.12 -6.67	54.50 2.28 -9.15	46.94 2.14 -3.66	37.81 1.75 -1.11	37.26 1.31 -9.80	34.45 1.43 -5.03

LUTHERNY_35_KV_BK2 355980	36.24 1.76 0.00	33.86 1.57 -0.86	32.98 1.44 -2.82	32.07 1.41 -1.81	33.59 1.49 -2.30	36.33 1.53 -3.49	43.59 1.65 -8.33	49.32 1.75 -13.95	46.62 1.86 -7.46	39.99 1.90 0.00	37.66 1.62 0.00	35.51 1.46 0.00	31.76 1.25 0.00	30.28 1.19 0.00	29.56 1.17 -0.48	32.34 1.16 -4.29	33.23 1.43 0.00	39.07 1.78 -1.70	48.89 2.12 -6.67	54.50 2.28 -9.15	46.94 2.14 -3.66	37.84 1.78 -1.11	37.29 1.33 -9.80	34.45 1.43 -5.03
LWR___OSWEGATCHIE_HYD 23850	34.03 -0.45 0.00	31.05 -0.41 -0.02	28.45 -0.34 -0.07	28.52 -0.38 -0.05	29.48 -0.39 -0.06	31.00 -0.41 -0.09	33.29 -0.54 -0.22	33.49 -0.50 -0.37	36.86 -0.63 -0.20	37.36 -0.72 0.00	35.35 -0.68 0.00	33.33 -0.71 0.00	29.87 -0.64 0.00	28.42 -0.67 0.00	27.20 -0.73 -0.01	26.36 -0.65 -0.11	31.13 -0.67 0.00	34.96 -0.68 -0.04	39.67 -0.60 -0.18	42.70 -0.60 -0.24	40.66 -0.58 -0.10	34.53 -0.45 -0.03	25.99 -0.42 -0.26	27.59 -0.53 -0.13
LYONS_FALL_HYD 23570	34.58 0.10 0.00	31.52 0.06 -0.03	28.84 0.03 -0.09	28.94 0.03 -0.06	29.92 0.03 -0.08	31.49 0.06 -0.12	33.86 -0.03 -0.28	34.17 0.07 -0.47	37.55 0.00 -0.25	37.97 -0.11 0.00	35.89 -0.14 0.00	33.81 -0.24 0.00	30.29 -0.21 0.00	28.83 -0.26 0.00	27.65 -0.28 -0.02	26.88 -0.16 -0.14	31.74 -0.06 0.00	35.68 0.04 -0.06	40.48 0.16 -0.22	43.67 0.30 -0.31	41.55 0.29 -0.12	35.23 0.25 -0.04	26.53 0.05 -0.33	28.16 0.00 -0.17
MADISON___COUNTY_LFGE 323628	34.89 0.41 0.00	31.83 0.35 -0.05	29.17 0.29 -0.16	29.24 0.29 -0.10	30.26 0.33 -0.13	31.85 0.34 -0.20	34.42 0.34 -0.47	34.81 0.40 -0.78	38.09 0.37 -0.42	38.43 0.34 0.00	36.32 0.29 0.00	34.25 0.20 0.00	30.66 0.15 0.00	29.18 0.09 0.00	28.02 0.08 -0.03	27.32 0.19 -0.24	32.15 0.35 0.00	36.15 0.46 -0.09	41.11 0.64 -0.37	44.26 0.69 -0.51	42.05 0.70 -0.20	35.57 0.56 -0.06	26.99 0.29 -0.55	28.52 0.25 -0.28
MALONE___115KV_TB1 356076	34.58 0.10 0.00	31.53 0.09 0.00	28.92 0.20 0.00	29.02 0.17 0.00	29.99 0.18 0.00	31.47 0.16 0.00	33.68 0.07 0.00	33.66 0.03 0.00	37.41 0.11 0.00	38.31 0.23 0.00	36.36 0.32 0.00	34.45 0.41 0.00	30.78 0.27 0.00	29.24 0.15 0.00	27.86 -0.06 0.00	26.73 -0.16 -0.22	31.58 -0.22 0.00	35.27 -0.32 0.00	39.61 -0.48 0.00	42.59 -0.47 0.00	40.57 -0.58 0.00	34.46 -0.49 0.00	25.81 -0.34 0.00	27.54 -0.45 0.00
MAPLEWOD_115KV_TB3 80458	35.93 1.45 0.00	33.59 1.32 -0.84	32.65 1.18 -2.75	31.80 1.18 -1.77	33.27 1.22 -2.24	35.97 1.25 -3.40	43.09 1.34 -8.13	48.62 1.38 -13.62	46.07 1.49 -7.28	39.61 1.52 0.00	37.37 1.33 0.00	35.31 1.26 0.00	31.64 1.13 0.00	30.22 1.13 0.00	29.47 1.09 -0.47	32.13 1.05 -4.19	33.07 1.27 0.00	38.78 1.53 -1.66	48.33 1.72 -6.52	53.81 1.81 -8.94	46.49 1.77 -3.58	37.54 1.50 -1.08	36.82 1.10 -9.57	34.11 1.20 -4.91
MAPLE_RIDGE_WT_1 323574	33.45 -1.03 0.00	30.49 -0.94 0.00	27.89 -0.83 0.00	28.01 -0.84 0.00	28.94 -0.87 0.00	30.37 -0.94 0.00	32.61 -1.01 0.00	32.59 -1.04 0.00	36.18 -1.12 0.00	36.94 -1.14 0.00	34.99 -1.05 0.00	33.06 -0.99 0.00	29.65 -0.85 0.00	28.28 -0.81 0.00	27.10 -0.81 0.00	26.09 -0.81 0.00	30.82 -0.99 0.00	34.45 -1.14 0.00	38.77 -1.32 0.00	41.64 -1.42 0.00	39.74 -1.40 0.00	33.80 -1.15 0.00	25.29 -0.86 0.00	27.09 -0.90 0.00
MAPLE_RIDGE_WT_2 323611	33.45 -1.03 0.00	30.49 -0.94 0.00	27.89 -0.83 0.00	28.01 -0.84 0.00	28.94 -0.87 0.00	30.37 -0.94 0.00	32.61 -1.01 0.00	32.59 -1.04 0.00	36.18 -1.12 0.00	36.94 -1.14 0.00	34.99 -1.05 0.00	33.06 -0.99 0.00	29.65 -0.85 0.00	28.28 -0.81 0.00	27.10 -0.81 0.00	26.09 -0.81 0.00	30.82 -0.99 0.00	34.45 -1.14 0.00	38.77 -1.32 0.00	41.64 -1.42 0.00	39.74 -1.40 0.00	33.80 -1.15 0.00	25.29 -0.86 0.00	27.09 -0.90 0.00
MARBLE_RIVER_WT_PWR 323696	34.41 -0.07 0.00	31.28 -0.16 0.00	28.72 0.00 0.00	28.85 0.00 0.00	29.84 0.03 0.00	31.28 -0.03 0.00	33.45 -0.17 0.00	33.36 -0.27 0.00	37.11 -0.19 0.00	38.16 0.08 0.00	36.29 0.25 0.00	34.32 0.27 0.00	30.63 0.12 0.00	28.97 -0.12 0.00	27.47 -0.45 0.00	26.17 -0.72 0.00	30.85 -0.95 0.00	34.17 -1.42 0.00	38.25 -1.84 0.00	41.12 -1.94 0.00	39.04 -2.10 0.00	33.06 -1.89 0.00	24.71 -1.44 0.00	26.53 -1.46 0.00
MARSHVLE_115KV_TB1 80742	35.79 1.31 0.00	33.49 1.10 -0.96	32.86 0.98 -3.16	31.86 0.98 -2.03	33.40 1.01 -2.57	36.35 1.13 -3.91	44.16 1.21 -9.33	50.67 1.41 -15.63	46.93 1.27 -8.36	39.23 1.14 0.00	36.79 0.76 0.00	34.56 0.51 0.00	31.03 0.52 0.00	29.56 0.47 0.00	29.04 0.59 -0.54	32.29 0.59 -4.81	32.76 0.95 0.00	38.88 1.39 -1.90	49.38 1.80 -7.48	55.34 2.02 -10.26	47.14 1.89 -4.11	37.63 1.43 -1.24	38.18 1.05 -10.98	34.69 1.06 -5.64
MARSH_HILL_WT_PWR 323713	31.71 -2.97 -0.20	28.69 -2.77 -0.02	26.14 -2.56 0.03	26.34 -2.51 0.00	27.50 -2.56 -0.26	29.04 -2.66 -0.39	31.62 -2.79 -0.80	39.41 -2.66 -8.43	43.50 -3.13 -9.33	44.45 -3.28 -9.64	42.00 -3.21 -9.18	39.79 -3.00 -8.74	35.63 -2.84 -7.96	33.98 -2.76 -7.65	32.68 -2.62 -7.39	31.03 -2.39 -6.52	37.21 -2.67 -8.07	41.61 -3.06 -9.08	46.19 -3.45 -9.54	50.13 -3.53 -10.60	48.01 -3.41 -10.28	40.84 -3.08 -8.96	24.64 -2.41 -0.90	25.16 -2.74 0.09
MCINTYRE_115KV_TB2 80467	34.89 0.41 0.00	31.84 0.41 0.00	29.21 0.49 0.00	29.31 0.46 0.00	30.26 0.45 0.00	31.75 0.44 0.00	33.95 0.34 0.00	33.90 0.27 0.00	37.52 0.22 0.00	38.20 0.11 0.00	36.21 0.18 0.00	34.22 0.17 0.00	30.66 0.15 0.00	29.21 0.12 0.00	27.91 0.00 0.00	26.89 0.00 0.00	31.80 0.00 0.00	35.66 0.07 0.00	40.29 0.20 0.00	43.32 0.26 0.00	41.39 0.25 0.00	35.27 0.31 0.00	26.39 0.24 0.00	28.16 0.17 0.00
MECO_____69_KV_BK1 80468	36.48 2.00 0.00	34.09 1.73 -0.93	33.31 1.55 -3.04	32.36 1.56 -1.95	33.89 1.61 -2.48	36.82 1.75 -3.76	44.45 1.85 -8.98	50.76 2.09 -15.04	47.43 2.09 -8.04	40.10 2.02 0.00	37.66 1.62 0.00	35.41 1.36 0.00	31.67 1.16 0.00	30.20 1.11 0.00	29.57 1.14 -0.52	32.68 1.16 -4.63	33.33 1.53 0.00	39.49 2.06 -1.83	49.90 2.61 -7.20	55.86 2.93 -9.87	47.81 2.72 -3.95	38.25 2.10 -1.20	38.29 1.57 -10.57	35.04 1.62 -5.43
MENANDS___115KV_TB5 355628	35.89 1.41 0.00	33.56 1.29 -0.84	32.62 1.15 -2.75	31.80 1.18 -1.76	33.24 1.19 -2.24	35.96 1.25 -3.40	43.04 1.31 -8.12	48.53 1.31 -13.59	45.98 1.42 -7.27	39.57 1.49 0.00	37.33 1.30 0.00	35.27 1.23 0.00	31.64 1.13 0.00	30.20 1.11 0.00	29.44 1.06 -0.47	32.12 1.05 -4.18	33.04 1.24 0.00	38.70 1.46 -1.65	48.28 1.68 -6.50	53.75 1.77 -8.92	46.40 1.69 -3.57	37.47 1.43 -1.08	36.78 1.07 -9.55	34.07 1.18 -4.90
MG INDUSTRY___DRP 24185	35.75 1.28 0.00	33.35 1.10 -0.82	32.42 1.01 -2.70	31.59 1.01 -1.73	33.05 1.04 -2.19	35.71 1.06 -3.33	42.71 1.14 -7.96	48.10 1.14 -13.33	45.62 1.19 -7.13	39.34 1.26 0.00	37.08 1.04 0.00	35.00 0.95 0.00	31.36 0.85 0.00	29.90 0.81 0.00	29.15 0.78 -0.46	31.75 0.75 -4.10	32.79 0.99 0.00	38.42 1.21 -1.62	47.91 1.44 -6.38	53.36 1.55 -8.75	46.12 1.48 -3.50	37.27 1.26 -1.06	36.46 0.94 -9.37	33.81 1.01 -4.81

MID___OSWEGATCHIE_HYD 23849	34.03 -0.45 0.00	31.05 -0.41 -0.02	28.45 -0.34 -0.07	28.52 -0.38 -0.05	29.48 -0.39 -0.06	31.00 -0.41 -0.09	33.29 -0.54 -0.22	33.49 -0.50 -0.37	36.86 -0.63 -0.20	37.36 -0.72 0.00	35.35 -0.68 0.00	33.33 -0.71 0.00	29.87 -0.64 0.00	28.42 -0.67 0.00	27.20 -0.73 -0.01	26.36 -0.65 -0.11	31.13 -0.67 0.00	34.96 -0.68 -0.04	39.67 -0.60 -0.18	42.70 -0.60 -0.24	40.66 -0.58 -0.10	34.53 -0.45 -0.03	25.99 -0.42 -0.26	27.59 -0.53 -0.13
MID___RAQUETTE_HYD 23851	34.17 -0.31 0.00	31.19 -0.25 -0.01	28.62 -0.14 -0.04	28.70 -0.17 -0.03	29.63 -0.21 -0.03	31.14 -0.22 -0.05	33.40 -0.34 -0.12	33.46 -0.37 -0.20	37.00 -0.41 -0.11	37.63 -0.46 0.00	35.67 -0.36 0.00	33.71 -0.34 0.00	30.20 -0.31 0.00	28.74 -0.35 0.00	27.50 -0.42 -0.01	26.53 -0.43 -0.06	31.26 -0.54 0.00	35.01 -0.61 -0.02	39.55 -0.64 -0.10	42.50 -0.69 -0.13	40.54 -0.66 -0.05	34.48 -0.49 -0.02	25.95 -0.34 -0.14	27.62 -0.45 -0.07
MILLIKEN___1 23584	34.52 -0.24 -0.28	31.46 -0.28 -0.31	29.55 -0.32 -1.15	29.28 -0.29 -0.71	30.68 -0.30 -1.17	32.85 -0.28 -1.82	37.75 -0.24 -4.37	47.22 -0.17 -13.76	48.68 -0.26 -11.64	46.38 -0.27 -8.56	43.83 -0.36 -8.15	41.46 -0.34 -7.76	37.17 -0.40 -7.06	35.43 -0.44 -6.78	34.31 -0.36 -6.76	34.35 -0.24 -7.70	38.87 -0.10 -7.16	44.31 -0.11 -8.83	51.57 0.00 -11.48	56.61 0.00 -13.55	51.98 0.04 -10.79	43.37 -0.03 -8.46	31.11 -0.16 -5.12	29.85 -0.22 -2.09
MILLIKEN___2 23585	34.52 -0.24 -0.28	31.46 -0.28 -0.31	29.55 -0.32 -1.15	29.28 -0.29 -0.71	30.68 -0.30 -1.17	32.85 -0.28 -1.82	37.75 -0.24 -4.37	47.22 -0.17 -13.76	48.68 -0.26 -11.64	46.38 -0.27 -8.56	43.83 -0.36 -8.15	41.46 -0.34 -7.76	37.17 -0.40 -7.06	35.43 -0.44 -6.78	34.31 -0.36 -6.76	34.35 -0.24 -7.70	38.87 -0.10 -7.16	44.31 -0.11 -8.83	51.57 0.00 -11.48	56.61 0.00 -13.55	51.98 0.04 -10.79	43.37 -0.03 -8.46	31.11 -0.16 -5.12	29.85 -0.22 -2.09
MILLIKEN___DIESEL 23629	34.52 -0.24 -0.28	31.46 -0.28 -0.31	29.55 -0.32 -1.15	29.28 -0.29 -0.71	30.68 -0.30 -1.17	32.85 -0.28 -1.82	37.75 -0.24 -4.37	47.22 -0.17 -13.76	48.68 -0.26 -11.64	46.38 -0.27 -8.56	43.83 -0.36 -8.15	41.46 -0.34 -7.76	37.17 -0.40 -7.06	35.43 -0.44 -6.78	34.31 -0.36 -6.76	34.35 -0.24 -7.70	38.87 -0.10 -7.16	44.31 -0.11 -8.83	51.57 0.00 -11.48	56.61 0.00 -13.55	51.98 0.04 -10.79	43.37 -0.03 -8.46	31.11 -0.16 -5.12	29.85 -0.22 -2.09
MILLSEAT___LFGE 323607	30.96 -3.38 0.15	28.48 -3.02 -0.07	25.90 -3.02 -0.19	25.95 -3.03 -0.13	26.75 -3.07 -0.02	28.16 -3.16 -0.01	30.25 -3.39 -0.03	26.62 -3.26 3.75	28.95 -3.80 4.55	29.05 -3.96 5.08	27.70 -3.49 4.84	26.72 -2.99 4.60	23.33 -2.72 4.19	22.07 -3.00 4.02	21.26 -2.79 3.86	21.15 -2.53 3.21	24.98 -2.57 4.25	27.62 -3.27 4.70	32.03 -3.37 4.70	33.92 -4.00 5.14	32.24 -3.66 5.24	27.07 -3.21 4.66	23.77 -2.43 -0.05	25.64 -2.69 -0.33
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.13 1.65 0.00	33.62 1.51 -0.67	32.32 1.38 -2.22	31.66 1.38 -1.42	33.05 1.43 -1.81	35.59 1.53 -2.74	41.85 1.68 -6.55	46.32 1.72 -10.97	45.22 2.05 -5.87	40.18 2.09 0.00	38.05 2.02 0.00	35.82 1.77 0.00	32.15 1.65 0.00	30.80 1.66 -0.05	29.96 1.62 -0.43	31.86 1.59 -3.38	33.62 1.81 0.00	39.13 2.21 -1.34	47.75 2.41 -5.25	52.89 2.63 -7.20	46.49 2.47 -2.88	37.89 2.06 -0.87	35.35 1.49 -7.71	33.52 1.57 -3.96
MILLWOOD_13_KV_LOAD 356217	36.20 1.72 0.00	33.68 1.57 -0.67	32.38 1.44 -2.22	31.72 1.44 -1.42	33.11 1.49 -1.81	35.68 1.63 -2.74	41.95 1.78 -6.55	46.38 1.78 -10.97	45.29 2.13 -5.87	40.29 2.21 0.00	38.12 2.09 0.00	35.92 1.87 0.00	32.22 1.71 0.00	30.86 1.72 -0.05	30.02 1.67 -0.43	31.91 1.64 -3.38	33.71 1.91 0.00	39.20 2.28 -1.34	47.83 2.49 -5.25	53.02 2.76 -7.20	46.62 2.59 -2.88	37.96 2.13 -0.87	35.41 1.54 -7.71	33.57 1.62 -3.96
MODEL_CITY_ENERGY 24167	29.73 -4.59 0.17	27.42 -4.09 -0.07	24.95 -3.96 -0.19	25.00 -3.98 -0.13	25.75 -4.05 0.01	27.02 -4.26 0.03	28.99 -4.57 0.05	24.73 -4.44 4.46	26.84 -5.15 5.31	26.87 -5.37 5.85	25.71 -4.76 5.57	24.93 -3.81 5.30	21.69 -4.00 4.82	20.53 -3.93 4.64	19.77 -3.69 4.45	19.76 -3.39 3.74	23.28 -3.63 4.89	25.64 -4.52 5.43	29.68 -4.93 5.48	31.37 -5.68 6.01	29.72 -5.35 6.07	25.06 -4.51 5.38	22.79 -3.32 0.04	24.69 -3.64 -0.33
MODERN_LFGE___ 323580	29.73 -4.59 0.17	27.42 -4.09 -0.07	24.95 -3.96 -0.19	25.00 -3.98 -0.13	25.75 -4.05 0.01	27.02 -4.26 0.03	28.99 -4.57 0.05	24.73 -4.44 4.46	26.84 -5.15 5.31	26.87 -5.37 5.85	25.71 -4.76 5.57	24.93 -3.81 5.30	21.69 -4.00 4.82	20.53 -3.93 4.64	19.77 -3.69 4.45	19.76 -3.39 3.74	23.28 -3.63 4.89	25.64 -4.52 5.43	29.68 -4.93 5.48	31.37 -5.68 6.01	29.72 -5.35 6.07	25.06 -4.51 5.38	22.79 -3.32 0.04	24.69 -3.64 -0.33
MOHAWK_PAPER___DRP 24187	35.93 1.45 0.00	33.59 1.32 -0.84	32.65 1.18 -2.75	31.80 1.18 -1.77	33.27 1.22 -2.24	35.97 1.25 -3.40	43.09 1.34 -8.13	48.62 1.38 -13.62	46.07 1.49 -7.28	39.61 1.52 0.00	37.37 1.33 0.00	35.31 1.26 0.00	31.64 1.13 0.00	30.22 1.13 0.00	29.47 1.09 -0.47	32.13 1.05 -4.19	33.07 1.27 0.00	38.78 1.53 -1.66	48.33 1.72 -6.52	53.81 1.81 -8.94	46.49 1.77 -3.58	37.54 1.50 -1.08	36.82 1.10 -9.57	34.11 1.20 -4.91
MOHICAN___35_KV_115KV_LD 80490	36.51 2.03 0.00	34.14 1.85 -0.86	33.21 1.67 -2.82	32.33 1.67 -1.81	33.84 1.73 -2.30	36.62 1.82 -3.49	43.90 1.95 -8.34	49.74 2.15 -13.96	47.00 2.24 -7.46	40.41 2.32 0.00	37.94 1.91 0.00	35.78 1.74 0.00	31.94 1.43 0.00	30.43 1.34 0.00	29.70 1.31 -0.48	32.48 1.29 -4.29	33.39 1.59 0.00	39.35 2.06 -1.70	49.26 2.49 -6.68	54.93 2.71 -9.16	47.36 2.55 -3.67	38.09 2.03 -1.11	37.48 1.52 -9.81	34.68 1.65 -5.04
MONGAUP___HYD 23641	35.93 1.45 0.00	33.40 1.35 -0.62	31.99 1.23 -2.04	31.37 1.21 -1.31	32.72 1.25 -1.66	35.21 1.38 -2.52	41.14 1.51 -6.02	45.08 1.38 -10.07	44.25 1.57 -5.39	39.65 1.56 0.00	37.44 1.40 0.00	35.24 1.19 0.00	31.64 1.13 0.00	30.23 1.13 -0.01	29.35 1.09 -0.35	31.10 1.10 -3.10	33.04 1.24 0.00	38.31 1.49 -1.23	46.68 1.76 -4.82	51.74 2.07 -6.61	45.72 1.93 -2.65	37.33 1.57 -0.80	34.28 1.05 -7.08	32.94 1.32 -3.63
MONTAUK___DIESEL 23721	37.55 3.07 0.00	34.91 2.80 -0.69	33.82 2.84 -2.25	33.24 2.94 -1.45	34.98 3.34 -1.83	37.70 3.60 -2.78	44.37 4.10 -6.65	51.01 4.30 -13.07	48.77 4.89 -6.58	41.82 3.73 0.00	39.31 3.28 0.00	37.14 3.10 0.00	33.10 2.59 0.00	31.71 2.53 -0.09	30.96 2.57 -0.48	33.02 2.69 -3.43	34.28 2.48 0.00	40.33 3.38 -1.36	49.07 3.65 -5.33	53.60 3.23 -7.31	47.52 3.46 -2.93	38.46 2.62 -0.89	36.20 2.22 -7.83	34.30 2.30 -4.02
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.49 -4.86 0.13	26.98 -4.53 -0.07	24.72 -4.19 -0.19	24.74 -4.24 -0.13	25.50 -4.35 -0.04	26.79 -4.57 -0.04	28.64 -5.08 -0.11	26.03 -4.67 2.93	28.40 -5.26 3.64	28.57 -5.37 4.14	27.01 -5.08 3.94	25.63 -4.66 3.75	22.76 -4.33 3.41	21.71 -4.10 3.28	20.83 -3.94 3.14	20.52 -3.79 2.58	23.92 -4.42 3.46	26.83 -4.95 3.82	30.87 -5.45 3.77	33.01 -5.94 4.11	31.39 -5.51 4.24	26.40 -4.75 3.79	22.71 -3.58 -0.14	24.34 -3.97 -0.33

MORRIS_RIDGE___SOLAR 323848	30.03 -3.48 0.97	28.32 -3.17 -0.06	25.86 -2.99 -0.13	25.94 -3.00 -0.09	25.81 -3.07 0.93	26.62 -3.19 1.50	26.84 -3.39 3.38	-2.36 -3.26 32.73	-2.30 -3.88 35.72	-2.41 -4.11 36.38	-2.54 -3.93 34.64	-2.46 -3.54 32.97	-2.90 -3.39 30.02	-2.98 -3.23 28.84	-3.02 -3.04 27.89	-0.73 -2.77 24.85	-1.77 -3.12 30.45	-2.38 -3.59 34.37	-0.30 -3.93 36.46	-1.67 -4.09 40.63	-1.85 -3.91 39.08	-2.36 -3.42 33.89	19.67 -2.64 3.84	25.28 -2.91 -0.20
MORTIMER_115KV_TB3 55949	31.88 -2.55 0.05	29.20 -2.29 -0.07	26.68 -2.24 -0.19	26.76 -2.22 -0.13	27.66 -2.27 -0.12	29.13 -2.35 -0.17	31.66 -2.35 -0.40	30.84 -2.35 0.43	33.61 -2.72 0.97	33.99 -2.63 1.47	32.22 -2.41 1.40	30.64 -2.08 1.33	27.22 -2.07 1.21	25.83 -2.09 1.16	24.89 -1.93 1.09	24.53 -1.64 0.73	28.79 -1.78 1.23	32.21 -2.10 1.28	36.80 -2.25 1.05	39.63 -2.37 1.06	37.45 -2.35 1.34	31.38 -2.27 1.30	24.82 -1.80 -0.48	26.37 -1.96 -0.34
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.44 1.97 0.00	33.91 1.79 -0.69	32.61 1.64 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.28 2.02 -6.65	46.82 2.05 -11.14	45.72 2.46 -5.96	40.64 2.55 0.00	38.48 2.45 0.00	36.26 2.21 0.00	32.55 2.04 0.00	32.93 2.04 -1.81	32.18 1.95 -2.31	32.28 1.94 -3.45	34.03 2.23 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.56 3.19 -7.31	47.07 3.00 -2.93	38.28 2.45 -0.89	35.76 1.78 -7.83	33.88 1.88 -4.02
MUNSVILLE_WIND_PWR 323609	35.42 0.79 -0.15	32.39 0.66 -0.30	30.26 0.49 -1.05	30.03 0.52 -0.66	31.35 0.56 -0.98	33.48 0.66 -1.51	37.77 0.54 -3.62	43.93 0.81 -9.49	45.37 0.71 -7.36	43.11 0.46 -4.56	40.74 0.36 -4.34	38.28 0.10 -4.13	34.24 -0.03 -3.76	32.56 -0.14 -3.61	31.42 -0.17 -3.68	31.82 0.16 -4.77	36.19 0.57 -3.82	41.38 0.82 -4.97	48.33 1.08 -7.15	53.03 1.34 -8.64	48.82 1.36 -6.32	40.68 1.05 -4.68	30.89 0.50 -4.25	30.25 0.36 -1.89
N SALMON___HYD 24042	34.58 0.10 0.00	31.46 0.03 0.00	28.92 0.20 0.00	29.02 0.17 0.00	29.99 0.18 0.00	31.44 0.13 0.00	33.68 0.07 0.00	33.66 0.03 0.00	37.41 0.11 0.00	38.31 0.23 0.00	36.36 0.32 0.00	34.39 0.34 0.00	30.78 0.27 0.00	29.24 0.15 0.00	27.86 -0.06 0.00	26.71 -0.19 0.00	31.55 -0.26 0.00	35.06 -0.53 0.00	39.45 -0.64 0.00	42.55 -0.51 0.00	40.48 -0.66 0.00	34.39 -0.56 0.00	25.71 -0.44 0.00	27.54 -0.45 0.00
N.AKRON__115KV_KNAPP 355671	30.77 -3.55 0.15	28.23 -3.27 -0.07	25.81 -3.10 -0.19	25.86 -3.12 -0.13	26.63 -3.19 -0.01	27.99 -3.32 0.01	30.15 -3.46 0.00	26.23 -3.40 4.01	28.56 -3.92 4.82	28.84 -3.88 5.36	27.33 -3.60 5.10	26.03 -3.17 4.85	23.01 -3.08 4.42	21.76 -3.08 4.25	20.96 -2.88 4.08	20.99 -2.50 3.41	24.55 -2.77 4.48	27.43 -3.20 4.96	31.70 -3.41 4.98	33.95 -3.66 5.45	32.06 -3.54 5.54	26.74 -3.29 4.92	23.63 -2.54 -0.01	25.50 -2.83 -0.33
N.BELMOR_69_KV_BK1 55787	36.65 2.17 0.00	34.07 1.95 -0.69	32.78 1.81 -2.25	32.11 1.82 -1.45	33.55 1.91 -1.83	36.19 2.10 -2.78	42.65 2.39 -6.65	49.19 2.49 -13.07	46.79 2.91 -6.58	40.83 2.74 0.00	38.74 2.70 0.00	36.43 2.38 0.00	32.61 2.10 0.00	31.30 2.12 -0.09	30.51 2.12 -0.48	32.48 2.15 -3.43	34.25 2.45 0.00	39.94 2.99 -1.36	48.71 3.29 -5.33	53.81 3.44 -7.31	47.52 3.46 -2.93	38.67 2.83 -0.89	36.10 2.12 -7.83	34.05 2.04 -4.02
N.E_GEN_SANDY PD 24062	36.10 1.62 0.00	33.68 1.48 -0.77	32.60 1.35 -2.53	31.83 1.36 -1.62	33.27 1.40 -2.06	35.88 1.44 -3.12	42.66 1.58 -7.47	47.68 1.55 -12.50	45.66 1.68 -6.69	39.80 1.72 0.00	37.55 1.51 0.00	35.41 1.36 0.00	31.79 1.28 0.00	30.40 1.31 0.00	29.60 1.26 -0.43	32.00 1.26 -3.85	33.20 1.40 0.00	38.86 1.74 -1.52	48.00 1.92 -5.98	53.29 2.02 -8.21	46.40 1.97 -3.28	37.69 1.75 -1.00	36.22 1.28 -8.79	33.90 1.40 -4.51
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.00 1.52 0.00	33.50 1.41 -0.66	32.14 1.26 -2.16	31.50 1.27 -1.38	32.88 1.31 -1.76	35.42 1.44 -2.67	41.57 1.58 -6.37	45.88 1.58 -10.67	44.91 1.90 -5.71	40.03 1.94 0.00	37.87 1.84 0.00	35.68 1.63 0.00	32.03 1.53 0.00	30.64 1.54 -0.01	29.77 1.48 -0.38	31.66 1.48 -3.29	33.49 1.69 0.00	38.92 2.03 -1.30	47.44 2.25 -5.11	52.56 2.50 -7.00	46.29 2.35 -2.80	37.72 1.92 -0.85	35.04 1.39 -7.50	33.32 1.48 -3.85
N.QUEENS_27_KV_LOAD 356247	36.45 1.97 -0.01	34.04 1.92 -0.69	32.65 1.67 -2.26	31.95 1.64 -1.46	33.38 1.73 -1.84	35.95 1.85 -2.79	42.27 2.02 -6.64	46.85 2.09 -11.13	45.82 2.57 -5.95	40.82 2.74 0.01	38.69 2.67 0.01	36.42 2.38 0.01	32.76 2.26 0.01	32.65 2.27 -1.29	31.88 2.21 -1.76	32.49 2.15 -3.44	34.24 2.45 0.01	39.75 2.81 -1.35	48.46 3.05 -5.32	53.85 3.49 -7.30	47.19 3.13 -2.92	38.35 2.52 -0.88	35.85 1.86 -7.84	34.00 1.99 -4.03
N.TROY___115KV_TB1 355778	36.00 1.52 0.00	33.63 1.35 -0.84	32.73 1.24 -2.77	31.87 1.24 -1.78	33.35 1.28 -2.26	36.05 1.32 -3.42	43.21 1.41 -8.18	48.78 1.45 -13.70	46.16 1.53 -7.33	39.61 1.52 0.00	37.37 1.33 0.00	35.31 1.26 0.00	31.61 1.10 0.00	30.17 1.08 0.00	29.44 1.06 -0.47	32.13 1.02 -4.22	33.07 1.27 0.00	38.79 1.53 -1.67	48.41 1.76 -6.56	53.91 1.85 -8.99	46.51 1.77 -3.60	37.58 1.54 -1.09	36.93 1.15 -9.63	34.17 1.23 -4.94
NARROWS_GT1_1 24228	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT1_2 24229	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT1_3 24230	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT1_4 24231	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11

NARROWS_GT1_5 24232	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT1_6 24233	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT1_7 24234	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT1_8 24235	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT2_1 24236	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT2_2 24237	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT2_3 24238	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT2_4 24239	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT2_5 24240	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT2_6 24241	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT2_7 24242	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NARROWS_GT2_8 24243	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.51 2.03 0.00	33.51 1.29 -0.79	32.51 1.18 -2.61	31.68 1.15 -1.68	33.13 1.19 -2.13	35.82 1.28 -3.23	42.67 1.34 -7.71	47.85 1.31 -12.91	45.55 1.34 -6.90	39.80 1.71 0.00	37.44 1.41 0.00	35.31 1.26 0.00	31.61 1.10 0.00	30.17 1.08 0.00	29.17 0.81 -0.44	31.56 0.70 -3.97	33.11 1.30 0.00	38.44 1.28 -1.57	47.95 1.68 -6.18	53.43 1.89 -8.47	46.34 1.81 -3.39	37.45 1.47 -1.03	36.25 1.02 -9.07	33.82 1.18 -4.66
NCHELSEA_115KV_TR2 355582	36.34 1.86 0.00	33.81 1.70 -0.68	32.48 1.52 -2.24	31.81 1.53 -1.43	33.24 1.61 -1.82	35.80 1.72 -2.76	42.10 1.88 -6.60	46.50 1.82 -11.05	45.34 2.13 -5.91	40.26 2.17 0.00	38.05 2.02 0.00	35.85 1.80 0.00	32.15 1.65 0.00	30.72 1.63 0.00	29.86 1.56 -0.38	31.83 1.53 -3.40	33.58 1.78 0.00	39.07 2.14 -1.35	47.79 2.41 -5.29	53.03 2.71 -7.25	46.60 2.55 -2.90	37.93 2.10 -0.88	35.41 1.49 -7.77	33.60 1.62 -3.99
NEG CAPITAL___MECHNVIL 23645	36.27 1.79 0.00	33.89 1.60 -0.85	32.99 1.46 -2.81	32.12 1.47 -1.80	33.61 1.52 -2.28	36.34 1.56 -3.47	43.58 1.68 -8.28	49.28 1.78 -13.87	46.62 1.90 -7.42	40.06 1.98 0.00	37.69 1.66 0.00	35.58 1.53 0.00	31.82 1.31 0.00	30.34 1.25 0.00	29.65 1.26 -0.48	32.37 1.21 -4.27	33.24 1.43 0.00	39.13 1.85 -1.69	48.93 2.20 -6.64	54.53 2.37 -9.10	47.00 2.22 -3.64	37.91 1.85 -1.10	37.29 1.39 -9.75	34.48 1.48 -5.00

NEG CENTRAL_HIGH_ACRES 23767	31.82 -2.62 0.04	29.21 -2.29 -0.07	26.62 -2.33 -0.22	26.69 -2.31 -0.14	27.60 -2.36 -0.15	29.12 -2.41 -0.22	31.66 -2.49 -0.53	31.27 -2.45 -0.09	34.02 -2.80 0.48	34.13 -2.90 1.05	32.47 -2.56 1.00	31.08 -2.01 0.95	27.44 -2.20 0.87	26.04 -2.21 0.83	25.11 -2.04 0.77	24.64 -1.86 0.40	29.08 -1.85 0.88	32.27 -2.46 0.87	36.97 -2.57 0.56	39.55 -3.02 0.50	37.48 -2.80 0.86	31.60 -2.45 0.90	24.92 -1.86 -0.62	26.31 -2.07 -0.39
NEG CENTRAL___DRP 24199	33.32 -1.14 0.02	30.40 -1.10 -0.07	27.85 -1.06 -0.19	27.94 -1.04 -0.13	28.89 -1.07 -0.15	30.47 -1.06 -0.23	33.07 -1.08 -0.53	33.35 -1.01 -0.73	36.40 -1.19 -0.30	36.72 -1.18 0.19	34.67 -1.19 0.18	32.79 -1.09 0.17	29.26 -1.10 0.15	27.87 -1.08 0.15	26.80 -1.00 0.11	26.18 -0.86 -0.15	30.82 -0.83 0.15	34.56 -0.96 0.07	39.33 -1.00 -0.24	42.40 -1.03 -0.38	40.19 -0.99 -0.03	33.91 -0.94 0.10	25.94 -0.84 -0.62	27.40 -0.92 -0.34
NEG CENTRAL___INDECK 23768	32.76 -2.00 -0.28	29.69 -1.79 -0.05	26.96 -1.87 -0.11	27.08 -1.85 -0.08	28.40 -1.85 -0.44	30.14 -1.85 -0.67	33.19 -1.91 -1.49	43.19 -1.85 -11.41	47.12 -2.31 -12.14	47.63 -2.51 -12.06	45.10 -2.41 -11.48	43.00 -1.98 -10.93	38.23 -2.23 -9.95	36.42 -2.24 -9.57	35.15 -2.04 -9.27	33.51 -1.80 -8.42	40.15 -1.75 -10.10	44.92 -2.13 -11.46	50.48 -1.96 -12.35	54.78 -2.11 -13.83	52.39 -1.85 -13.10	44.48 -1.75 -11.28	26.44 -1.41 -1.70	26.51 -1.65 -0.17
NEG CENTRAL___SENECA 23627	33.09 -1.34 0.04	30.19 -1.29 -0.05	27.56 -1.26 -0.10	27.68 -1.24 -0.07	28.62 -1.25 -0.06	30.14 -1.25 -0.08	32.54 -1.24 -0.17	32.10 -1.21 0.32	35.33 -1.42 0.55	35.88 -1.45 0.76	33.87 -1.44 0.72	32.07 -1.29 0.69	28.57 -1.31 0.62	27.18 -1.31 0.60	26.15 -1.20 0.56	25.45 -1.05 0.40	30.18 -0.99 0.63	33.78 -1.14 0.67	38.34 -1.16 0.59	41.24 -1.21 0.61	39.27 -1.15 0.72	33.19 -1.08 0.68	25.35 -0.99 -0.20	27.03 -1.12 -0.16
NEG CENTRAL___STATE_STREET 24147	33.72 -0.79 -0.03	30.80 -0.75 -0.12	28.35 -0.78 -0.41	28.36 -0.75 -0.26	29.42 -0.75 -0.35	31.10 -0.75 -0.54	34.21 -0.71 -1.30	35.78 -0.67 -2.83	38.50 -0.75 -1.94	38.23 -0.72 -0.86	36.10 -0.76 -0.82	34.15 -0.68 -0.78	30.52 -0.70 -0.71	29.08 -0.70 -0.68	28.03 -0.61 -0.73	27.58 -0.54 -1.22	32.08 -0.45 -0.72	36.12 -0.53 -1.07	41.38 -0.56 -1.85	44.77 -0.60 -2.31	42.03 -0.58 -1.47	35.32 -0.59 -0.97	27.13 -0.55 -1.53	28.07 -0.64 -0.73
NEG MILLWOOD___DRP 24198	36.48 2.00 0.00	33.91 1.79 -0.69	32.62 1.64 -2.26	31.95 1.64 -1.45	33.38 1.73 -1.84	35.96 1.85 -2.80	42.28 1.98 -6.68	46.84 2.02 -11.19	45.63 2.35 -5.98	40.52 2.44 0.00	38.34 2.31 0.00	36.09 2.04 0.00	32.34 1.83 0.00	30.89 1.80 0.00	30.06 1.76 -0.39	32.06 1.72 -3.44	33.81 2.00 0.00	39.37 2.42 -1.36	48.05 2.61 -5.36	53.33 2.93 -7.34	46.92 2.84 -2.94	38.18 2.34 -0.89	35.69 1.67 -7.86	33.79 1.76 -4.04
NEG NORTH_FLCN_SEA 23793	34.72 0.24 0.00	31.59 0.16 0.00	29.01 0.29 0.00	29.11 0.26 0.00	30.11 0.30 0.00	31.56 0.25 0.00	33.75 0.13 0.00	33.66 0.03 0.00	37.45 0.15 0.00	38.47 0.38 0.00	36.57 0.54 0.00	34.62 0.58 0.00	30.90 0.40 0.00	29.26 0.17 0.00	27.80 -0.11 0.00	26.57 -0.32 0.00	31.29 -0.51 0.00	34.88 -0.71 0.00	39.05 -1.04 0.00	41.90 -1.16 0.00	39.82 -1.32 0.00	33.80 -1.15 0.00	25.32 -0.84 0.00	27.09 -0.90 0.00
NEG NORTH_KES_CHATEGAY 23792	34.38 -0.10 0.00	31.31 -0.13 0.00	28.72 0.00 0.00	28.85 0.00 0.00	29.81 0.00 0.00	31.25 -0.06 0.00	33.45 -0.17 0.00	33.36 -0.27 0.00	37.08 -0.22 0.00	38.01 -0.08 0.00	36.07 0.04 0.00	34.15 0.10 0.00	30.48 -0.03 0.00	28.94 -0.15 0.00	27.58 -0.33 0.00	26.41 -0.48 0.00	31.13 -0.67 0.00	34.81 -0.78 0.00	39.09 -1.00 0.00	41.98 -1.08 0.00	39.95 -1.19 0.00	33.94 -1.01 0.00	25.47 -0.68 0.00	27.23 -0.76 0.00
NEG NORTH___ALICE_FALLS 23915	34.79 0.31 0.00	31.68 0.25 0.00	29.07 0.34 0.00	29.17 0.32 0.00	30.17 0.36 0.00	31.62 0.31 0.00	33.85 0.24 0.00	33.76 0.13 0.00	37.56 0.26 0.00	38.58 0.50 0.00	36.65 0.61 0.00	34.73 0.68 0.00	30.96 0.46 0.00	29.35 0.26 0.00	27.88 -0.03 0.00	26.68 -0.22 0.00	31.45 -0.35 0.00	35.09 -0.50 0.00	39.29 -0.80 0.00	42.20 -0.86 0.00	40.11 -1.03 0.00	34.04 -0.91 0.00	25.50 -0.65 0.00	27.23 -0.76 0.00
NEG NORTH___LWR_SARANAC 23913	34.79 0.31 0.00	31.68 0.25 0.00	29.07 0.34 0.00	29.17 0.32 0.00	30.17 0.36 0.00	31.62 0.31 0.00	33.85 0.24 0.00	33.76 0.13 0.00	37.56 0.26 0.00	38.58 0.50 0.00	36.65 0.61 0.00	34.73 0.68 0.00	30.96 0.46 0.00	29.35 0.26 0.00	27.88 -0.03 0.00	26.68 -0.22 0.00	31.45 -0.35 0.00	35.09 -0.50 0.00	39.29 -0.80 0.00	42.20 -0.86 0.00	40.11 -1.03 0.00	34.04 -0.91 0.00	25.50 -0.65 0.00	27.23 -0.76 0.00
NEG NORTH___PLATTSBURG 23628	34.79 0.31 0.00	31.62 0.19 0.00	29.04 0.32 0.00	29.17 0.32 0.00	30.17 0.36 0.00	31.62 0.31 0.00	33.82 0.20 0.00	33.76 0.14 0.00	37.56 0.26 0.00	38.58 0.49 0.00	36.65 0.61 0.00	34.66 0.61 0.00	30.97 0.46 0.00	29.35 0.26 0.00	27.88 -0.03 0.00	26.65 -0.24 0.00	31.45 -0.35 0.00	34.88 -0.71 0.00	39.13 -0.96 0.00	42.15 -0.91 0.00	40.07 -1.07 0.00	33.97 -0.98 0.00	25.39 -0.76 0.00	27.24 -0.75 0.00
NEG WEST_LEA_LOCKPORT 23791	29.98 -4.31 0.19	27.54 -3.96 -0.07	25.21 -3.71 -0.19	25.23 -3.75 -0.13	25.93 -3.85 0.03	27.23 -4.01 0.07	29.22 -4.24 0.15	24.14 -4.17 5.32	26.25 -4.81 6.24	26.51 -4.80 6.78	25.15 -4.43 6.45	24.02 -3.88 6.14	21.16 -3.75 5.59	20.05 -3.67 5.37	19.31 -3.43 5.17	19.44 -3.07 4.39	22.66 -3.47 5.67	25.26 -4.02 6.31	29.26 -4.41 6.42	31.18 -4.82 7.06	29.46 -4.61 7.08	24.54 -4.16 6.25	22.86 -3.14 0.16	24.91 -3.41 -0.33
NEG WEST___LANCASTER 23811	31.03 -3.31 0.14	28.14 -3.36 -0.08	25.88 -3.04 -0.20	25.87 -3.12 -0.14	26.59 -3.25 -0.03	27.96 -3.38 -0.03	29.62 -4.07 -0.07	26.64 -3.56 3.43	29.22 -3.88 4.20	29.31 -4.04 4.74	27.60 -3.93 4.51	26.01 -3.75 4.29	23.25 -3.36 3.90	22.28 -3.05 3.75	21.30 -3.01 3.60	20.91 -3.01 2.97	24.31 -3.53 3.96	27.30 -3.91 4.37	31.37 -4.37 4.35	33.45 -4.87 4.74	31.83 -4.44 4.87	27.01 -3.60 4.34	23.61 -2.64 -0.10	25.20 -3.13 -0.34
NEG_PENN_ALLEGHNY 23528	33.65 -0.79 0.04	30.91 -0.72 -0.20	28.65 -0.72 -0.64	28.55 -0.72 -0.42	29.58 -0.72 -0.49	31.30 -0.75 -0.74	34.60 -0.77 -1.76	34.93 -0.74 -2.05	36.98 -0.82 -0.50	36.06 -0.84 1.19	34.07 -0.83 1.13	32.19 -0.78 1.08	28.79 -0.73 0.98	27.45 -0.70 0.94	26.44 -0.67 0.80	26.48 -0.57 -0.15	30.24 -0.57 0.99	34.21 -0.64 0.74	39.67 -0.72 -0.30	43.09 -0.69 -0.71	40.02 -0.66 0.46	33.46 -0.63 0.86	27.70 -0.52 -2.07	28.51 -0.62 -1.14
NEG___GEN_MONROE 24207	31.65 -2.76 0.07	28.98 -2.51 -0.07	26.56 -2.36 -0.19	26.64 -2.34 -0.13	27.52 -2.38 -0.09	29.00 -2.44 -0.13	31.41 -2.52 -0.32	29.89 -2.56 1.19	32.53 -2.98 1.78	32.86 -2.93 2.29	31.11 -2.74 2.18	29.59 -2.38 2.08	26.27 -2.35 1.89	24.92 -2.36 1.82	24.01 -2.18 1.72	23.72 -1.88 1.29	27.82 -2.07 1.92	31.08 -2.46 2.06	35.61 -2.61 1.88	38.40 -2.67 1.99	36.28 -2.63 2.23	30.41 -2.48 2.06	24.57 -1.96 -0.38	26.26 -2.07 -0.34

NEPA__ENERGY 23901	30.72 -3.62 0.14	28.18 -3.33 -0.08	25.83 -3.10 -0.21	25.87 -3.12 -0.14	26.63 -3.22 -0.04	27.97 -3.38 -0.03	30.04 -3.66 -0.09	26.78 -3.46 3.39	29.21 -3.92 4.17	29.37 -4.00 4.72	27.76 -3.78 4.49	26.33 -3.44 4.27	23.41 -3.20 3.89	22.30 -3.05 3.74	21.40 -2.93 3.58	21.20 -2.74 2.95	24.71 -3.15 3.95	27.68 -3.56 4.35	31.84 -3.93 4.32	34.04 -4.31 4.71	32.27 -4.03 4.84	27.13 -3.50 4.32	23.65 -2.62 -0.12	25.49 -2.86 -0.35
NEVERSINK__HYD 23608	35.79 1.31 0.00	33.27 1.22 -0.62	31.84 1.09 -2.03	31.25 1.10 -1.30	32.59 1.13 -1.65	35.07 1.25 -2.51	40.95 1.35 -5.99	44.95 1.28 -10.04	44.16 1.49 -5.37	39.65 1.56 0.00	37.44 1.40 0.00	35.20 1.16 0.00	31.64 1.13 0.00	30.19 1.11 0.00	29.32 1.06 -0.35	31.03 1.05 -3.09	32.98 1.18 0.00	38.42 1.60 -1.22	46.74 1.85 -4.80	51.80 2.15 -6.59	45.79 2.02 -2.64	37.39 1.64 -0.80	34.31 1.10 -7.05	32.81 1.20 -3.62
NEWKRMKL_115KV_TB1 55635	35.93 1.45 0.00	33.56 1.29 -0.84	32.62 1.15 -2.75	31.77 1.15 -1.77	33.24 1.19 -2.24	35.96 1.25 -3.40	43.05 1.31 -8.12	48.57 1.35 -13.60	46.03 1.45 -7.27	39.61 1.52 0.00	37.37 1.33 0.00	35.31 1.26 0.00	31.67 1.16 0.00	30.22 1.13 0.00	29.47 1.09 -0.47	32.13 1.05 -4.18	33.07 1.27 0.00	38.74 1.49 -1.66	48.32 1.72 -6.51	53.79 1.81 -8.93	46.44 1.73 -3.57	37.50 1.47 -1.08	36.81 1.10 -9.56	34.07 1.18 -4.91
NEWTON__FALLS_HYD 23847	34.03 -0.45 0.00	31.05 -0.41 -0.02	28.45 -0.34 -0.07	28.52 -0.38 -0.05	29.48 -0.39 -0.06	31.00 -0.41 -0.09	33.29 -0.54 -0.22	33.49 -0.50 -0.37	36.86 -0.63 -0.20	37.36 -0.72 0.00	35.35 -0.68 0.00	33.33 -0.71 0.00	29.87 -0.64 0.00	28.42 -0.67 0.00	27.20 -0.73 -0.01	26.36 -0.65 -0.11	31.13 -0.67 0.00	34.96 -0.68 -0.04	39.67 -0.60 -0.18	42.70 -0.60 -0.24	40.66 -0.58 -0.10	34.53 -0.45 -0.03	25.99 -0.42 -0.26	27.59 -0.53 -0.13
NGRID_A1_DSASP 323792	29.87 -4.45 0.17	27.54 -3.96 -0.07	25.07 -3.85 -0.20	25.12 -3.87 -0.13	25.87 -3.94 0.00	27.15 -4.13 0.02	29.23 -4.34 0.04	24.96 -4.27 4.40	27.09 -4.96 5.25	27.12 -5.18 5.79	25.98 -4.54 5.51	25.26 -3.54 5.24	21.95 -3.78 4.77	20.78 -3.72 4.58	20.02 -3.49 4.40	19.99 -3.20 3.70	23.56 -3.40 4.84	25.88 -4.34 5.37	29.95 -4.73 5.41	31.61 -5.51 5.93	29.95 -5.18 6.01	25.29 -4.34 5.33	22.93 -3.19 0.03	24.86 -3.47 -0.34
NGRID_A2_DSASP 323793	29.87 -4.45 0.17	27.54 -3.96 -0.07	25.07 -3.85 -0.20	25.12 -3.87 -0.13	25.87 -3.94 0.00	27.15 -4.13 0.02	29.23 -4.34 0.04	24.96 -4.27 4.40	27.09 -4.96 5.25	27.12 -5.18 5.79	25.98 -4.54 5.51	25.26 -3.54 5.24	21.95 -3.78 4.77	20.78 -3.72 4.58	20.02 -3.49 4.40	19.99 -3.20 3.70	23.56 -3.40 4.84	25.88 -4.34 5.37	29.95 -4.73 5.41	31.61 -5.51 5.93	29.95 -5.18 6.01	25.29 -4.34 5.33	22.93 -3.19 0.03	24.86 -3.47 -0.34
NGRID_A4_DSASP 323807	29.87 -4.45 0.17	27.54 -3.96 -0.07	25.07 -3.85 -0.20	25.12 -3.87 -0.13	25.87 -3.94 0.00	27.15 -4.13 0.02	29.23 -4.34 0.04	24.96 -4.27 4.40	27.09 -4.96 5.25	27.12 -5.18 5.79	25.98 -4.54 5.51	25.26 -3.54 5.24	21.95 -3.78 4.77	20.78 -3.72 4.58	20.02 -3.49 4.40	19.99 -3.20 3.70	23.56 -3.40 4.84	25.88 -4.34 5.37	29.95 -4.73 5.41	31.61 -5.51 5.93	29.95 -5.18 6.01	25.29 -4.34 5.33	22.93 -3.19 0.03	24.86 -3.47 -0.34
NIAGARA_115E_LBMP 323715	29.55 -4.76 0.17	27.26 -4.24 -0.07	24.81 -4.11 -0.20	24.85 -4.13 -0.13	25.60 -4.20 0.00	26.87 -4.41 0.03	28.83 -4.74 0.05	24.59 -4.64 4.40	26.71 -5.33 5.25	26.73 -5.56 5.79	25.59 -4.94 5.51	24.82 -3.98 5.25	21.58 -4.15 4.78	20.43 -4.07 4.59	19.68 -3.82 4.41	19.67 -3.52 3.70	23.14 -3.82 4.85	25.49 -4.73 5.37	29.50 -5.17 5.42	31.18 -5.94 5.94	29.54 -5.59 6.01	24.90 -4.72 5.33	22.64 -3.48 0.03	24.58 -3.75 -0.34
NIAGARA_115W_LBMP 323714	29.83 -4.48 0.17	27.51 -3.99 -0.07	25.04 -3.88 -0.20	25.09 -3.90 -0.13	25.84 -3.96 0.00	27.12 -4.16 0.03	29.20 -4.37 0.04	24.89 -4.34 4.41	27.04 -5.00 5.26	27.07 -5.22 5.80	25.89 -4.61 5.53	25.18 -3.61 5.26	21.88 -3.84 4.79	20.71 -3.78 4.60	19.98 -3.52 4.42	19.93 -3.26 3.71	23.48 -3.47 4.86	25.83 -4.38 5.38	29.90 -4.77 5.42	31.52 -5.60 5.95	29.90 -5.23 6.02	25.21 -4.40 5.34	22.90 -3.22 0.03	24.80 -3.53 -0.34
NIAGARA_230_LBMP 323716	30.00 -4.31 0.17	27.67 -3.84 -0.07	25.18 -3.73 -0.20	25.23 -3.75 -0.13	25.99 -3.82 0.01	27.27 -4.01 0.03	29.36 -4.20 0.05	25.00 -4.14 4.49	27.13 -4.81 5.35	27.20 -4.99 5.90	26.02 -4.40 5.61	25.23 -3.47 5.34	21.95 -3.69 4.86	20.78 -3.64 4.67	20.04 -3.38 4.49	20.00 -3.12 3.77	23.53 -3.34 4.93	25.92 -4.20 5.47	30.00 -4.57 5.52	31.67 -5.34 6.05	30.00 -5.02 6.12	25.33 -4.20 5.43	23.02 -3.09 0.04	24.94 -3.39 -0.34
NIAGARA__115KV_198_GIBSON 55903	29.80 -4.52 0.17	27.39 -4.12 -0.07	25.07 -3.85 -0.20	25.12 -3.87 -0.13	25.84 -3.96 0.00	27.09 -4.20 0.03	29.20 -4.37 0.04	24.89 -4.34 4.41	27.04 -5.00 5.26	27.33 -4.95 5.80	25.93 -4.58 5.53	24.80 -3.98 5.26	21.88 -3.84 4.79	20.71 -3.78 4.60	19.98 -3.52 4.42	20.06 -3.12 3.71	23.38 -3.56 4.86	26.08 -4.13 5.38	30.06 -4.61 5.42	32.03 -5.08 5.95	30.31 -4.81 6.02	25.28 -4.33 5.34	22.85 -3.27 0.03	24.77 -3.55 -0.34
NIAGARA____ 23760	30.00 -4.31 0.17	27.67 -3.84 -0.07	25.18 -3.73 -0.20	25.23 -3.75 -0.13	25.99 -3.82 0.00	27.28 -4.01 0.03	29.36 -4.20 0.05	25.05 -4.14 4.44	27.19 -4.81 5.30	27.26 -4.99 5.84	26.07 -4.40 5.56	25.28 -3.47 5.29	22.00 -3.69 4.81	20.83 -3.64 4.63	20.09 -3.38 4.45	20.04 -3.12 3.73	23.58 -3.34 4.89	25.97 -4.20 5.42	30.05 -4.57 5.47	31.72 -5.34 6.00	30.06 -5.02 6.06	25.38 -4.20 5.38	23.03 -3.09 0.04	24.94 -3.39 -0.34
NINE_MILE_1 23575	33.13 -1.35 0.00	30.29 -1.19 -0.06	27.72 -1.18 -0.18	27.78 -1.18 -0.12	28.76 -1.19 -0.15	30.31 -1.22 -0.22	32.87 -1.28 -0.54	33.25 -1.28 -0.90	36.32 -1.46 -0.48	36.60 -1.49 0.00	34.66 -1.37 0.00	32.82 -1.22 0.00	29.32 -1.19 0.00	27.93 -1.16 0.00	26.85 -1.09 -0.03	26.18 -0.99 -0.28	30.72 -1.08 0.00	34.35 -1.35 -0.11	39.04 -1.48 -0.43	42.01 -1.64 -0.59	39.81 -1.56 -0.24	33.66 -1.36 -0.07	25.76 -1.02 -0.63	27.19 -1.12 -0.32
NINE_MILE_2 23744	33.13 -1.35 0.00	30.29 -1.19 -0.06	27.72 -1.18 -0.18	27.81 -1.15 -0.12	28.76 -1.19 -0.15	30.31 -1.22 -0.22	32.87 -1.28 -0.53	33.25 -1.28 -0.90	36.32 -1.46 -0.48	36.60 -1.49 0.00	34.66 -1.37 0.00	32.82 -1.22 0.00	29.32 -1.19 0.00	27.93 -1.16 0.00	26.85 -1.09 -0.03	26.18 -0.99 -0.28	30.72 -1.08 0.00	34.35 -1.35 -0.11	39.04 -1.48 -0.43	42.01 -1.64 -0.59	39.85 -1.52 -0.24	33.66 -1.36 -0.07	25.76 -1.02 -0.63	27.19 -1.12 -0.32
NM_CAPITAL__DRP 24208	35.89 1.41 0.00	33.52 1.26 -0.83	32.61 1.15 -2.74	31.76 1.15 -1.76	33.23 1.19 -2.23	35.92 1.22 -3.39	43.02 1.31 -8.10	48.50 1.31 -13.56	45.97 1.42 -7.25	39.53 1.45 0.00	37.33 1.30 0.00	35.27 1.23 0.00	31.61 1.10 0.00	30.20 1.11 0.00	29.44 1.06 -0.47	32.09 1.02 -4.17	33.04 1.24 0.00	38.70 1.46 -1.65	48.23 1.64 -6.49	53.68 1.72 -8.90	46.39 1.69 -3.56	37.46 1.43 -1.08	36.75 1.07 -9.53	34.06 1.18 -4.89

NM_CENTRAL___DRP 24181	33.55 -0.93 0.00	30.63 -0.88 -0.07	28.10 -0.86 -0.24	28.17 -0.84 -0.16	29.14 -0.86 -0.20	30.74 -0.88 -0.30	33.46 -0.87 -0.72	33.96 -0.87 -1.21	36.97 -0.97 -0.64	37.13 -0.95 0.00	35.10 -0.94 0.00	33.19 -0.85 0.00	29.68 -0.82 0.00	28.28 -0.81 0.00	27.23 -0.73 -0.04	26.59 -0.67 -0.37	31.13 -0.67 0.00	34.88 -0.85 -0.15	39.75 -0.92 -0.58	42.86 -0.99 -0.79	40.51 -0.95 -0.32	34.17 -0.87 -0.10	26.29 -0.71 -0.85	27.67 -0.76 -0.43
NM_FRONTIER___DRP 24179	29.80 -4.52 0.17	27.39 -4.12 -0.07	25.07 -3.85 -0.20	25.12 -3.87 -0.13	25.84 -3.96 0.00	27.09 -4.20 0.03	29.20 -4.37 0.04	24.89 -4.34 4.41	27.04 -5.00 5.26	27.33 -4.95 5.80	25.93 -4.58 5.53	24.80 -3.98 5.26	21.88 -3.84 4.79	20.71 -3.78 4.60	19.98 -3.52 4.42	20.06 -3.12 3.71	23.38 -3.56 4.86	26.08 -4.13 5.38	30.06 -4.61 5.42	32.03 -5.08 5.95	30.31 -4.81 6.02	25.28 -4.33 5.34	22.85 -3.27 0.03	24.77 -3.55 -0.34
NM_ST_REGIS___HYD 24053	34.31 -0.17 0.00	31.29 -0.16 -0.01	28.73 -0.03 -0.04	28.82 -0.06 -0.02	29.75 -0.09 -0.03	31.23 -0.13 -0.05	33.49 -0.24 -0.11	33.54 -0.27 -0.18	37.14 -0.26 -0.10	37.82 -0.27 0.00	35.85 -0.18 0.00	33.91 -0.14 0.00	30.35 -0.15 0.00	28.89 -0.20 0.00	27.58 -0.33 -0.01	26.57 -0.38 -0.06	31.33 -0.48 0.00	35.08 -0.53 -0.02	39.58 -0.60 -0.09	42.54 -0.65 -0.12	40.53 -0.66 -0.05	34.48 -0.49 -0.01	25.94 -0.34 -0.13	27.61 -0.45 -0.07
NORTHPORT___1 23551	36.65 2.17 0.00	34.22 2.11 -0.69	32.95 1.98 -2.25	32.23 1.93 -1.45	33.73 2.09 -1.83	36.35 2.26 -2.78	42.85 2.59 -6.65	49.39 2.69 -13.07	47.01 3.13 -6.58	41.06 2.97 0.00	38.85 2.81 0.00	36.39 2.35 0.00	32.64 2.13 0.00	31.30 2.12 -0.09	30.54 2.15 -0.48	32.56 2.23 -3.43	34.12 2.32 0.00	39.87 2.92 -1.36	48.67 3.25 -5.33	53.69 3.32 -7.31	47.28 3.21 -2.93	38.67 2.83 -0.89	36.10 2.12 -7.83	34.11 2.10 -4.02
NORTHPORT___2 23552	36.65 2.17 0.00	34.22 2.11 -0.69	32.95 1.98 -2.25	32.23 1.93 -1.45	33.73 2.09 -1.83	36.35 2.26 -2.78	42.85 2.59 -6.65	49.39 2.69 -13.07	47.01 3.13 -6.58	41.06 2.97 0.00	38.85 2.81 0.00	36.39 2.35 0.00	32.64 2.13 0.00	31.30 2.12 -0.09	30.54 2.15 -0.48	32.56 2.23 -3.43	34.12 2.32 0.00	39.87 2.92 -1.36	48.67 3.25 -5.33	53.69 3.32 -7.31	47.28 3.21 -2.93	38.67 2.83 -0.89	36.10 2.12 -7.83	34.11 2.10 -4.02
NORTHPORT___3 23553	36.41 1.93 0.00	33.97 1.85 -0.69	32.67 1.69 -2.25	31.97 1.67 -1.45	33.40 1.76 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	49.02 2.32 -13.07	46.64 2.76 -6.58	40.79 2.70 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.46 1.95 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.37 2.04 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.11 2.69 -5.33	53.04 2.67 -7.31	46.82 2.76 -2.93	38.46 2.62 -0.89	35.89 1.91 -7.83	33.88 1.88 -4.02
NORTHPORT___4 23650	36.41 1.93 0.00	33.97 1.85 -0.69	32.67 1.69 -2.25	31.97 1.67 -1.45	33.40 1.76 -1.83	36.04 1.94 -2.78	42.48 2.22 -6.65	49.02 2.32 -13.07	46.64 2.76 -6.58	40.79 2.70 0.00	38.59 2.56 0.00	36.19 2.15 0.00	32.46 1.95 0.00	31.13 1.95 -0.09	30.34 1.95 -0.48	32.37 2.04 -3.43	33.93 2.13 0.00	39.69 2.74 -1.36	48.11 2.69 -5.33	53.04 2.67 -7.31	46.82 2.76 -2.93	38.46 2.62 -0.89	35.89 1.91 -7.83	33.88 1.88 -4.02
NORTHPORT___IC 23718	36.65 2.17 0.00	34.13 2.01 -0.69	32.87 1.90 -2.25	32.23 1.93 -1.45	33.70 2.06 -1.83	36.35 2.25 -2.78	42.85 2.59 -6.65	49.39 2.69 -13.07	47.01 3.13 -6.58	40.86 2.78 0.00	38.70 2.67 0.00	36.43 2.38 0.00	32.55 2.04 0.00	31.30 2.12 -0.09	30.54 2.15 -0.48	32.48 2.15 -3.43	34.22 2.42 0.00	39.94 2.99 -1.36	48.75 3.33 -5.33	53.69 3.32 -7.31	47.52 3.46 -2.93	38.67 2.83 -0.89	36.20 2.22 -7.83	34.14 2.13 -4.02
NORTH___COUNTRY_ESR 323785	34.27 -0.21 0.00	31.18 -0.25 0.00	28.64 -0.09 0.00	28.76 -0.09 0.00	29.72 -0.09 0.00	31.16 -0.16 0.00	33.34 -0.27 0.00	33.29 -0.34 0.00	37.00 -0.30 0.00	37.93 -0.15 0.00	36.00 -0.04 0.00	34.05 0.00 0.00	30.45 -0.06 0.00	28.92 -0.17 0.00	27.52 -0.39 0.00	26.33 -0.57 0.00	31.07 -0.73 0.00	34.59 -1.00 0.00	38.85 -1.24 0.00	41.81 -1.25 0.00	39.78 -1.36 0.00	33.76 -1.19 0.00	25.31 -0.84 0.00	27.18 -0.81 0.00
NPX_GEN_1385_PROXY 323591	36.44 1.96 0.00	34.13 2.01 -0.69	32.95 1.98 -2.25	32.23 1.93 -1.45	33.73 2.09 -1.83	36.35 2.26 -2.78	42.85 2.59 -6.65	49.39 2.69 -13.07	46.90 3.02 -6.58	40.68 2.59 0.00	38.45 2.41 0.00	36.02 1.97 0.00	32.34 1.83 0.00	31.10 1.92 -0.09	30.34 1.95 -0.48	32.37 2.04 -3.43	33.90 2.10 0.00	39.37 2.42 -1.36	48.27 2.85 -5.33	52.87 2.50 -7.31	46.66 2.59 -2.93	38.14 2.31 -0.89	35.81 1.83 -7.83	33.94 1.93 -4.02
NPX_GEN_CSC 323557	36.65 2.17 0.00	34.60 2.48 -0.69	33.27 2.30 -2.25	32.57 2.28 -1.45	34.44 2.80 -1.83	37.17 3.07 -2.78	43.76 3.50 -6.65	50.37 3.67 -13.07	48.09 4.21 -6.58	41.51 3.43 0.00	38.88 2.85 0.00	36.33 2.28 0.00	32.55 2.04 0.00	31.16 1.98 -0.09	30.45 2.07 -0.48	32.59 2.26 -3.43	33.58 1.78 0.00	39.40 2.45 -1.36	49.15 3.73 -5.33	53.77 3.40 -7.31	47.23 3.17 -2.93	38.98 3.15 -0.89	36.62 2.64 -7.83	34.64 2.63 -4.02
NSINS_S___GLNS_FALLS 23858	36.55 2.07 0.00	34.15 1.85 -0.86	33.24 1.69 -2.83	32.34 1.67 -1.81	33.84 1.73 -2.30	36.65 1.85 -3.49	43.94 1.98 -8.34	49.75 2.15 -13.97	47.04 2.28 -7.47	40.45 2.36 0.00	37.98 1.95 0.00	35.82 1.77 0.00	31.94 1.43 0.00	30.46 1.37 0.00	29.73 1.34 -0.48	32.48 1.29 -4.30	33.39 1.59 0.00	39.36 2.06 -1.70	49.26 2.49 -6.69	54.94 2.71 -9.17	47.36 2.55 -3.67	38.09 2.03 -1.11	37.49 1.52 -9.82	34.68 1.65 -5.04
NUCOR_STEEL___DRP 24197	33.86 -0.66 -0.03	30.92 -0.63 -0.12	28.49 -0.63 -0.40	28.47 -0.63 -0.26	29.54 -0.63 -0.36	31.23 -0.63 -0.55	34.32 -0.61 -1.31	36.00 -0.57 -2.94	38.74 -0.63 -2.07	38.47 -0.61 -0.99	36.29 -0.68 -0.94	34.33 -0.61 -0.90	30.68 -0.64 -0.82	29.24 -0.64 -0.79	28.18 -0.56 -0.83	27.74 -0.46 -1.31	32.25 -0.38 -0.83	36.28 -0.50 -1.19	41.55 -0.52 -1.98	44.96 -0.56 -2.46	42.25 -0.49 -1.61	35.55 -0.49 -1.09	27.22 -0.47 -1.54	28.19 -0.53 -0.73
NUMBER_THREE_WT_PWR 323818	34.27 -0.21 0.00	31.24 -0.22 -0.03	28.59 -0.23 -0.10	28.68 -0.23 -0.06	29.65 -0.24 -0.08	31.22 -0.22 -0.12	33.57 -0.34 -0.30	33.86 -0.27 -0.50	37.16 -0.41 -0.27	37.55 -0.53 0.00	35.46 -0.58 0.00	33.40 -0.65 0.00	29.90 -0.61 0.00	28.45 -0.64 0.00	27.29 -0.64 -0.02	26.54 -0.51 -0.15	31.36 -0.45 0.00	35.30 -0.36 -0.06	40.05 -0.28 -0.24	43.30 -0.09 -0.33	41.23 -0.04 -0.13	34.92 -0.07 -0.04	26.29 -0.21 -0.35	27.89 -0.28 -0.18
NYISO_LBMP_REFERENCE 24008	34.48 0.00 0.00	31.43 0.00 0.00	28.72 0.00 0.00	28.85 0.00 0.00	29.81 0.00 0.00	31.31 0.00 0.00	33.61 0.00 0.00	33.63 0.00 0.00	37.30 0.00 0.00	38.08 0.00 0.00	36.03 0.00 0.00	34.05 0.00 0.00	30.51 0.00 0.00	29.09 0.00 0.00	27.91 0.00 0.00	26.89 0.00 0.00	31.80 0.00 0.00	35.59 0.00 0.00	40.09 0.00 0.00	43.06 0.00 0.00	41.14 0.00 0.00	34.95 0.00 0.00	26.15 0.00 0.00	27.99 0.00 0.00

NYPA_BRENTWD____GT 24164	36.96 2.48 0.00	34.48 2.36 -0.69	33.16 2.18 -2.25	32.46 2.16 -1.45	33.94 2.30 -1.83	36.60 2.51 -2.78	43.16 2.89 -6.65	49.69 2.99 -13.07	47.35 3.47 -6.58	41.36 3.28 0.00	39.17 3.13 0.00	36.67 2.62 0.00	32.86 2.35 0.00	31.51 2.33 -0.09	30.76 2.37 -0.48	32.80 2.47 -3.43	34.38 2.57 0.00	40.22 3.27 -1.36	49.11 3.69 -5.33	54.20 3.83 -7.31	47.73 3.66 -2.93	39.05 3.21 -0.89	36.36 2.38 -7.83	34.36 2.35 -4.02
NYPA_GOWANUS____GT5 24156	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NYPA_GOWANUS____GT6 24157	52.40 2.38 -15.54	49.67 2.20 -16.04	40.89 2.04 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.95	51.75 2.19 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.09 2.91 -12.88	54.61 3.08 -13.44	55.45 2.77 -16.64	55.36 2.45 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.20 -27.05	60.46 2.21 -31.36	57.35 2.45 -23.10	59.41 2.99 -20.83	58.35 3.29 -14.97	95.64 3.70 -48.88	58.47 3.33 -14.00	53.44 2.87 -15.62	53.10 2.07 -24.88	52.31 2.21 -22.11
NYPA_HARLEM__RVR__GT1 24160	36.45 1.96 -0.01	34.04 1.92 -0.69	32.56 1.58 -2.26	32.01 1.70 -1.45	33.44 1.79 -1.84	36.01 1.91 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.82 2.74 0.01	38.62 2.60 0.01	36.28 2.25 0.01	32.70 2.20 0.01	33.65 2.18 -2.38	32.96 2.12 -2.92	32.41 2.07 -3.44	34.05 2.26 0.01	39.72 2.78 -1.35	48.38 2.97 -5.32	53.72 3.36 -7.30	47.06 3.00 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
NYPA_HARLEM__RVR__GT2 24161	36.45 1.96 -0.01	34.04 1.92 -0.69	32.56 1.58 -2.26	32.01 1.70 -1.45	33.44 1.79 -1.84	36.01 1.91 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.82 2.74 0.01	38.62 2.60 0.01	36.28 2.25 0.01	32.70 2.20 0.01	33.65 2.18 -2.38	32.96 2.12 -2.92	32.41 2.07 -3.44	34.05 2.26 0.01	39.72 2.78 -1.35	48.38 2.97 -5.32	53.72 3.36 -7.30	47.06 3.00 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
NYPA_KENT____GT 24152	45.95 2.28 -9.20	43.03 2.11 -9.49	37.56 1.92 -6.91	32.29 1.90 -1.54	33.68 1.97 -1.90	45.34 2.10 -11.93	48.35 2.32 -12.42	50.25 2.32 -14.30	50.15 2.80 -10.06	49.72 2.97 -8.66	49.50 2.74 -10.73	48.62 2.42 -12.16	47.84 2.29 -15.05	49.06 2.24 -17.73	47.95 2.18 -17.86	51.18 2.15 -22.13	49.08 2.39 -14.89	52.42 2.92 -13.91	54.84 3.21 -11.54	95.80 3.57 -49.17	54.45 3.25 -10.06	47.32 2.76 -9.60	46.06 1.99 -17.92	44.75 2.13 -14.63
NYPA_POUCH1____GT 24155	52.33 2.31 -15.54	49.64 2.17 -16.04	40.86 2.01 -10.12	32.40 1.96 -1.59	33.78 2.03 -1.95	51.69 2.13 -18.24	52.33 2.32 -16.40	52.40 2.29 -16.48	53.05 2.87 -12.88	54.53 3.01 -13.44	55.31 2.63 -16.64	55.22 2.32 -18.86	56.02 2.17 -23.35	57.23 2.12 -26.02	57.05 2.09 -27.05	60.33 2.07 -31.36	57.19 2.29 -23.10	59.26 2.85 -20.83	58.19 3.13 -14.97	95.47 3.53 -48.88	58.31 3.17 -14.00	53.37 2.80 -15.62	53.02 1.99 -24.88	52.29 2.18 -22.11
NYPA_VERNON____GT2 24162	39.51 2.17 -2.85	36.39 2.01 -2.94	34.26 1.84 -3.70	32.15 1.82 -1.48	33.55 1.88 -1.86	38.94 2.01 -5.62	44.28 2.22 -8.44	48.01 2.25 -12.12	47.22 2.69 -7.23	44.82 2.86 -3.88	43.51 2.67 -4.81	41.84 2.35 -5.45	39.48 2.23 -6.75	40.70 2.18 -9.43	38.70 2.12 -8.67	41.90 2.10 -12.90	40.80 2.32 -6.68	45.44 2.85 -7.00	51.33 3.13 -8.11	95.96 3.45 -49.46	50.43 3.17 -6.12	41.17 2.62 -3.59	39.05 1.94 -10.96	37.19 2.04 -7.15
NYPA_VERNON____GT3 24163	39.51 2.17 -2.85	36.39 2.01 -2.94	34.26 1.84 -3.70	32.15 1.82 -1.48	33.55 1.88 -1.86	38.94 2.01 -5.62	44.28 2.22 -8.44	48.01 2.25 -12.12	47.22 2.69 -7.23	44.82 2.86 -3.88	43.51 2.67 -4.81	41.84 2.35 -5.45	39.48 2.23 -6.75	40.70 2.18 -9.43	38.70 2.12 -8.67	41.90 2.10 -12.90	40.80 2.32 -6.68	45.44 2.85 -7.00	51.33 3.13 -8.11	95.96 3.45 -49.46	50.43 3.17 -6.12	41.17 2.62 -3.59	39.05 1.94 -10.96	37.19 2.04 -7.15
NYPA__ASTORIA_CC1 323568	37.23 2.17 -0.58	34.14 2.01 -0.69	33.08 1.81 -2.55	32.13 1.82 -1.46	33.53 1.88 -1.84	36.68 2.01 -3.36	42.81 2.18 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.87 2.86 -1.92	41.08 2.67 -2.38	39.10 2.35 -2.70	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.43 2.32 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.45 -43.62	48.82 3.17 -4.51	39.01 2.62 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
NYPA__ASTORIA_CC2 323569	37.23 2.17 -0.58	34.14 2.01 -0.69	33.08 1.81 -2.55	32.13 1.82 -1.46	33.53 1.88 -1.84	36.68 2.01 -3.36	42.81 2.18 -7.02	47.23 2.25 -11.34	46.20 2.69 -6.22	42.87 2.86 -1.92	41.08 2.67 -2.38	39.10 2.35 -2.70	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.84 2.10 -8.85	37.43 2.32 -3.31	42.60 2.85 -4.16	49.93 3.13 -6.71	90.13 3.45 -43.62	48.82 3.17 -4.51	39.01 2.62 -1.43	36.55 1.94 -8.46	34.72 2.04 -4.69
NYPA__HOLTSVILL 23794	36.75 2.28 0.00	34.35 2.23 -0.69	33.04 2.07 -2.25	32.34 2.05 -1.45	33.85 2.21 -1.83	36.51 2.41 -2.78	43.05 2.79 -6.65	49.63 2.92 -13.07	47.24 3.36 -6.58	41.21 3.12 0.00	38.95 2.92 0.00	36.46 2.42 0.00	32.70 2.20 0.00	31.36 2.18 -0.09	30.59 2.20 -0.48	32.67 2.34 -3.43	34.16 2.35 0.00	39.97 3.02 -1.36	48.87 3.45 -5.33	53.90 3.53 -7.31	47.48 3.41 -2.93	38.84 3.01 -0.89	36.25 2.27 -7.83	34.25 2.24 -4.02
NYPA__HELLGATE_GT1 24158	36.45 1.96 -0.01	34.04 1.92 -0.69	32.56 1.58 -2.26	32.01 1.70 -1.45	33.44 1.79 -1.84	36.01 1.91 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.82 2.74 0.01	38.62 2.60 0.01	36.28 2.25 0.01	32.70 2.20 0.01	31.48 2.18 -0.21	30.64 2.12 -0.61	32.41 2.07 -3.44	34.05 2.26 0.01	39.72 2.78 -1.35	48.38 2.97 -5.32	53.72 3.36 -7.30	47.06 3.00 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
NYPA__HELLGATE_GT2 24159	36.45 1.96 -0.01	34.04 1.92 -0.69	32.56 1.58 -2.26	32.01 1.70 -1.45	33.44 1.79 -1.84	36.01 1.91 -2.79	42.24 1.98 -6.64	46.81 2.05 -11.13	45.75 2.50 -5.95	40.82 2.74 0.01	38.62 2.60 0.01	36.28 2.25 0.01	32.70 2.20 0.01	31.48 2.18 -0.21	30.64 2.12 -0.61	32.41 2.07 -3.44	34.05 2.26 0.01	39.72 2.78 -1.35	48.38 2.97 -5.32	53.72 3.36 -7.30	47.06 3.00 -2.92	38.28 2.45 -0.88	35.79 1.80 -7.84	33.95 1.93 -4.03
NYS_BARGE__HYD 23848	30.00 -4.31 0.17	27.67 -3.84 -0.07	25.18 -3.73 -0.19	25.23 -3.75 -0.13	25.98 -3.82 0.01	27.27 -4.01 0.04	29.28 -4.27 0.07	24.89 -4.17 4.57	27.05 -4.81 5.43	27.09 -5.03 5.97	25.88 -4.47 5.69	25.09 -3.54 5.41	21.83 -3.75 4.92	20.66 -3.69 4.73	19.93 -3.43 4.55	19.89 -3.17 3.83	23.43 -3.37 5.00	25.81 -4.24 5.54	29.92 -4.57 5.60	31.62 -5.30 6.15	30.00 -4.94 6.20	25.26 -4.20 5.50	22.98 -3.11 0.06	24.94 -3.39 -0.33

OAK ORCHARD___HYD 24046	31.91 -2.52 0.05	29.30 -2.20 -0.07	26.68 -2.24 -0.19	26.76 -2.22 -0.13	27.69 -2.24 -0.12	29.17 -2.32 -0.17	31.66 -2.35 -0.40	30.88 -2.32 0.43	33.61 -2.72 0.97	33.80 -2.82 1.47	32.22 -2.41 1.40	30.95 -1.77 1.33	27.22 -2.08 1.21	25.83 -2.09 1.16	24.89 -1.93 1.09	24.45 -1.72 0.73	28.89 -1.69 1.23	32.00 -2.31 1.28	36.68 -2.37 1.05	39.12 -2.88 1.06	37.12 -2.67 1.34	31.35 -2.31 1.30	24.88 -1.75 -0.48	26.40 -1.93 -0.34
OAKDALE___35_KV_LOAD 356122	33.60 -0.83 0.05	30.87 -0.75 -0.19	28.58 -0.75 -0.60	28.49 -0.75 -0.39	29.51 -0.75 -0.45	31.20 -0.78 -0.67	34.41 -0.81 -1.60	34.36 -0.77 -1.51	36.47 -0.86 -0.02	35.65 -0.88 1.56	33.68 -0.86 1.48	31.82 -0.82 1.41	28.46 -0.76 1.29	27.13 -0.73 1.23	26.12 -0.70 1.09	26.11 -0.62 0.17	29.86 -0.64 1.30	33.76 -0.71 1.12	39.16 -0.76 0.17	42.41 -0.82 -0.17	39.45 -0.78 0.91	33.03 -0.70 1.22	27.47 -0.58 -1.89	28.42 -0.64 -1.07
OCC_CHEM___DRP 24175	29.83 -4.48 0.17	27.42 -4.09 -0.07	25.10 -3.82 -0.20	25.12 -3.87 -0.13	25.84 -3.96 0.00	27.12 -4.16 0.02	29.27 -4.30 0.04	24.96 -4.27 4.40	27.13 -4.92 5.25	27.38 -4.91 5.79	26.02 -4.50 5.51	24.89 -3.92 5.24	21.95 -3.78 4.77	20.78 -3.72 4.58	20.02 -3.49 4.40	20.13 -3.07 3.70	23.46 -3.50 4.84	26.16 -4.06 5.37	30.15 -4.53 5.41	32.13 -5.00 5.93	30.36 -4.77 6.01	25.33 -4.30 5.33	22.90 -3.22 0.03	24.83 -3.50 -0.34
OH_GEN_PROXY 24063	30.08 -4.24 0.16	27.73 -3.77 -0.07	25.24 -3.68 -0.20	25.29 -3.69 -0.13	26.06 -3.76 -0.01	27.39 -3.92 0.01	29.51 -4.10 0.00	25.52 -4.04 4.08	27.69 -4.70 4.91	27.76 -4.88 5.45	26.52 -4.33 5.19	25.70 -3.40 4.94	22.41 -3.60 4.50	21.22 -3.55 4.32	20.44 -3.32 4.15	20.36 -3.07 3.47	23.99 -3.24 4.56	26.45 -4.09 5.05	30.57 -4.45 5.07	32.30 -5.21 5.55	30.60 -4.90 5.64	25.85 -4.09 5.01	23.16 -3.01 -0.02	25.00 -3.33 -0.34
OLIN_CORP_DRP 24177	29.63 -4.69 0.16	27.20 -4.31 -0.07	24.90 -4.02 -0.20	24.94 -4.04 -0.13	25.66 -4.14 0.00	26.94 -4.35 0.02	29.00 -4.57 0.04	24.74 -4.54 4.35	26.88 -5.22 5.20	27.13 -5.22 5.74	25.74 -4.83 5.46	24.59 -4.26 5.20	21.72 -4.06 4.73	20.56 -3.99 4.55	19.81 -3.74 4.37	19.89 -3.33 3.67	23.19 -3.82 4.80	25.86 -4.41 5.32	29.84 -4.89 5.36	31.84 -5.34 5.88	30.09 -5.10 5.95	25.10 -4.58 5.28	22.73 -3.40 0.03	24.60 -3.72 -0.34
OLIN_CORP_DSASP 323712	29.87 -4.45 0.17	27.54 -3.96 -0.07	25.07 -3.85 -0.20	25.12 -3.87 -0.13	25.87 -3.94 0.00	27.15 -4.13 0.02	29.23 -4.34 0.04	24.96 -4.27 4.40	27.09 -4.96 5.25	27.12 -5.18 5.79	25.98 -4.54 5.51	25.26 -3.54 5.24	21.95 -3.78 4.77	20.78 -3.72 4.58	20.02 -3.49 4.40	19.99 -3.20 3.70	23.56 -3.40 4.84	25.88 -4.34 5.37	29.95 -4.73 5.41	31.61 -5.51 5.93	29.95 -5.18 6.01	25.29 -4.34 5.33	22.93 -3.19 0.03	24.86 -3.47 -0.34
ONEIDA_HERK_LFGE 323681	34.79 0.31 0.00	31.71 0.25 -0.03	29.01 0.20 -0.09	29.11 0.20 -0.06	30.09 0.21 -0.07	31.64 0.22 -0.11	34.04 0.17 -0.26	34.30 0.24 -0.44	37.76 0.23 -0.23	38.24 0.15 0.00	36.14 0.11 0.00	34.05 0.00 0.00	30.51 0.00 0.00	29.06 -0.03 0.00	27.87 -0.06 -0.02	27.06 0.03 -0.13	31.96 0.16 0.00	35.93 0.28 -0.05	40.70 0.40 -0.21	43.87 0.52 -0.29	41.79 0.53 -0.12	35.41 0.42 -0.03	26.67 0.21 -0.31	28.32 0.17 -0.16
ONEIDA___115KV_TB4 55905	34.89 0.41 0.00	31.83 0.35 -0.05	29.17 0.29 -0.16	29.24 0.29 -0.10	30.26 0.33 -0.13	31.85 0.34 -0.20	34.42 0.34 -0.47	34.81 0.40 -0.78	38.09 0.37 -0.42	38.43 0.34 0.00	36.32 0.29 0.00	34.25 0.20 0.00	30.66 0.15 0.00	29.18 0.09 0.00	28.02 0.08 -0.03	27.32 0.19 -0.24	32.15 0.35 0.00	36.15 0.46 -0.09	41.11 0.64 -0.37	44.26 0.69 -0.51	42.05 0.70 -0.20	35.57 0.56 -0.06	26.99 0.29 -0.55	28.52 0.25 -0.28
ONONDAGA_REF_OCCRA 23987	33.71 -0.79 -0.02	30.78 -0.75 -0.10	28.33 -0.75 -0.35	28.32 -0.75 -0.22	29.37 -0.75 -0.30	31.03 -0.75 -0.47	33.96 -0.77 -1.12	35.29 -0.74 -2.40	38.07 -0.86 -1.63	37.94 -0.84 -0.69	35.87 -0.83 -0.66	33.96 -0.71 -0.63	30.38 -0.70 -0.57	28.91 -0.73 -0.55	27.86 -0.64 -0.59	27.35 -0.56 -1.02	31.84 -0.54 -0.58	35.75 -0.71 -0.87	40.87 -0.76 -1.54	44.18 -0.82 -1.94	41.57 -0.78 -1.21	35.04 -0.70 -0.79	26.87 -0.60 -1.31	27.98 -0.64 -0.63
ONONDAGA___COGEN 23986	33.76 -0.72 0.00	30.82 -0.69 -0.08	28.31 -0.69 -0.27	28.36 -0.66 -0.18	29.35 -0.69 -0.22	30.96 -0.69 -0.34	33.75 -0.67 -0.81	34.34 -0.64 -1.35	37.28 -0.75 -0.72	37.36 -0.72 0.00	35.31 -0.72 0.00	33.40 -0.65 0.00	29.87 -0.64 0.00	28.45 -0.64 0.00	27.37 -0.59 -0.05	26.80 -0.51 -0.42	31.33 -0.48 0.00	35.11 -0.64 -0.16	40.06 -0.68 -0.65	43.22 -0.73 -0.89	40.80 -0.70 -0.35	34.39 -0.66 -0.11	26.55 -0.55 -0.95	27.86 -0.62 -0.49
ONTARIO___LFGE 23819	33.09 -1.35 0.04	30.25 -1.23 -0.05	27.56 -1.26 -0.10	27.68 -1.24 -0.07	28.62 -1.25 -0.06	30.14 -1.25 -0.08	32.54 -1.24 -0.17	32.10 -1.21 0.32	35.33 -1.42 0.55	35.84 -1.49 0.76	33.87 -1.44 0.72	32.14 -1.22 0.69	28.57 -1.31 0.62	27.18 -1.31 0.60	26.15 -1.20 0.56	25.47 -1.02 0.40	30.22 -0.95 0.63	33.71 -1.21 0.67	38.26 -1.24 0.59	41.16 -1.29 0.61	39.27 -1.15 0.72	33.12 -1.15 0.68	25.41 -0.94 -0.20	27.03 -1.12 -0.16
ORANGEVILLE_WT_PWR 323706	29.67 -4.03 0.78	27.82 -3.68 -0.06	25.39 -3.48 -0.14	25.49 -3.46 -0.10	25.55 -3.55 0.71	26.47 -3.70 1.15	27.07 -3.97 2.58	3.88 -3.80 25.95	4.40 -4.48 28.43	4.30 -4.72 29.06	3.93 -4.43 27.67	3.86 -3.85 26.33	2.81 -3.72 23.98	2.44 -3.61 23.04	2.26 -3.38 22.27	4.01 -3.09 19.79	4.01 -3.47 24.33	4.06 -4.09 27.43	6.57 -4.49 29.03	5.86 -4.87 32.33	5.37 -4.61 31.16	3.88 -4.02 27.05	20.19 -3.03 2.93	24.92 -3.30 -0.24
ORANGEVILLE___ESR 323794	29.67 -4.03 0.78	27.82 -3.68 -0.06	25.39 -3.48 -0.14	25.49 -3.46 -0.10	25.55 -3.55 0.71	26.47 -3.70 1.15	27.07 -3.97 2.58	3.88 -3.80 25.95	4.40 -4.48 28.43	4.30 -4.72 29.06	3.93 -4.43 27.67	3.86 -3.85 26.33	2.81 -3.72 23.98	2.44 -3.61 23.04	2.26 -3.38 22.27	4.01 -3.09 19.79	4.01 -3.47 24.33	4.06 -4.09 27.43	6.57 -4.49 29.03	5.86 -4.87 32.33	5.37 -4.61 31.16	3.88 -4.02 27.05	20.19 -3.03 2.93	24.92 -3.30 -0.24
OSWEGATCHIE___HYD 24044	34.03 -0.45 0.00	31.01 -0.44 -0.02	28.45 -0.34 -0.07	28.52 -0.38 -0.05	29.48 -0.39 -0.06	31.00 -0.41 -0.09	33.29 -0.54 -0.22	33.49 -0.50 -0.37	36.86 -0.63 -0.20	37.36 -0.72 0.00	35.35 -0.69 0.00	33.33 -0.72 0.00	29.86 -0.64 0.00	28.42 -0.67 0.00	27.20 -0.73 -0.01	26.34 -0.67 -0.11	31.13 -0.67 0.00	34.89 -0.75 -0.04	39.50 -0.76 -0.18	42.70 -0.60 -0.24	40.66 -0.58 -0.10	34.49 -0.49 -0.03	25.97 -0.44 -0.26	27.59 -0.53 -0.13
OSWEGO___5 23606	33.31 -1.17 0.00	30.46 -1.04 -0.06	27.89 -1.03 -0.20	27.97 -1.01 -0.13	28.93 -1.04 -0.17	30.50 -1.06 -0.25	33.10 -1.11 -0.60	33.52 -1.11 -1.00	36.57 -1.27 -0.54	36.79 -1.29 0.00	34.85 -1.19 0.00	32.99 -1.06 0.00	29.47 -1.04 0.00	28.07 -1.02 0.00	27.00 -0.95 -0.03	26.34 -0.86 -0.31	30.91 -0.89 0.00	34.57 -1.14 -0.12	39.29 -1.28 -0.48	42.34 -1.38 -0.66	40.09 -1.32 -0.26	33.88 -1.15 -0.08	26.00 -0.86 -0.71	27.40 -0.95 -0.36

OSWEGO___6 23613	33.31 -1.17 0.00	30.46 -1.04 -0.06	27.89 -1.03 -0.20	27.97 -1.01 -0.13	28.93 -1.04 -0.17	30.50 -1.06 -0.25	33.10 -1.11 -0.60	33.52 -1.11 -1.00	36.57 -1.27 -0.54	36.79 -1.29 0.00	34.85 -1.19 0.00	32.99 -1.06 0.00	29.47 -1.04 0.00	28.07 -1.02 0.00	27.00 -0.95 -0.03	26.34 -0.86 -0.31	30.91 -0.89 0.00	34.57 -1.14 -0.12	39.29 -1.28 -0.48	42.34 -1.38 -0.66	40.09 -1.32 -0.26	33.88 -1.15 -0.08	26.00 -0.86 -0.71	27.40 -0.95 -0.36
OUTOKUMPU-AB___DRP 24206	30.28 -4.03 0.16	27.79 -3.71 -0.07	25.44 -3.48 -0.20	25.46 -3.52 -0.13	26.20 -3.61 0.00	27.50 -3.79 0.02	29.55 -4.03 0.03	25.47 -3.87 4.29	27.69 -4.48 5.13	27.96 -4.46 5.67	26.53 -4.11 5.40	25.30 -3.61 5.14	22.38 -3.45 4.68	21.22 -3.37 4.49	20.44 -3.15 4.32	20.45 -2.82 3.62	23.85 -3.21 4.75	26.59 -3.74 5.26	30.67 -4.13 5.30	32.73 -4.52 5.80	30.98 -4.28 5.88	25.89 -3.84 5.22	23.23 -2.90 0.02	25.11 -3.22 -0.34
OXBOW___BTM 323836	30.00 -4.31 0.16	27.67 -3.84 -0.07	25.21 -3.70 -0.20	25.23 -3.75 -0.13	25.99 -3.82 0.00	27.28 -4.01 0.02	29.31 -4.27 0.04	25.15 -4.14 4.34	27.33 -4.77 5.19	27.37 -4.99 5.73	26.18 -4.40 5.45	25.38 -3.47 5.19	22.12 -3.66 4.72	20.94 -3.61 4.54	20.20 -3.35 4.36	20.14 -3.09 3.66	23.70 -3.31 4.79	26.11 -4.16 5.31	30.21 -4.53 5.35	31.94 -5.26 5.87	30.30 -4.90 5.94	25.52 -4.16 5.27	23.07 -3.06 0.02	24.94 -3.39 -0.34
OXBOW____ 24026	30.00 -4.31 0.16	27.54 -3.96 -0.07	25.21 -3.71 -0.20	25.26 -3.72 -0.13	25.99 -3.82 0.00	27.25 -4.04 0.02	29.34 -4.24 0.04	25.15 -4.14 4.34	27.33 -4.77 5.19	27.63 -4.72 5.73	26.22 -4.36 5.45	25.04 -3.81 5.19	22.12 -3.66 4.72	20.94 -3.61 4.54	20.20 -3.35 4.36	20.25 -2.99 3.66	23.61 -3.40 4.79	26.33 -3.95 5.31	30.37 -4.37 5.35	32.37 -4.82 5.87	30.63 -4.57 5.94	25.56 -4.12 5.27	23.02 -3.11 0.02	24.91 -3.41 -0.34
OXY_CHEM_DSASP 323612	29.83 -4.48 0.17	27.42 -4.09 -0.07	25.10 -3.82 -0.20	25.12 -3.87 -0.13	25.84 -3.96 0.00	27.12 -4.16 0.02	29.27 -4.30 0.04	24.96 -4.27 4.40	27.13 -4.92 5.25	27.38 -4.91 5.79	26.02 -4.50 5.51	24.89 -3.92 5.24	21.95 -3.78 4.77	20.78 -3.72 4.58	20.02 -3.49 4.40	20.13 -3.07 3.70	23.46 -3.50 4.84	26.16 -4.06 5.37	30.15 -4.53 5.41	32.13 -5.00 5.93	30.36 -4.77 6.01	25.33 -4.30 5.33	22.90 -3.22 0.03	24.83 -3.50 -0.34
OZONE_PARK_ESR 323760	36.65 2.17 0.00	34.07 1.95 -0.69	32.75 1.78 -2.25	32.08 1.79 -1.45	33.49 1.85 -1.83	36.10 2.00 -2.78	42.48 2.22 -6.65	47.02 2.25 -11.14	45.94 2.69 -5.96	40.90 2.82 0.00	38.74 2.70 0.00	36.46 2.42 0.00	32.76 2.26 0.00	32.63 2.24 -1.30	31.83 2.15 -1.77	32.46 2.12 -3.45	34.25 2.45 0.00	39.83 2.88 -1.36	48.63 3.21 -5.33	53.90 3.53 -7.31	47.36 3.29 -2.93	38.49 2.66 -0.89	35.94 1.96 -7.83	34.08 2.07 -4.02
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	29.83 -4.48 0.17	27.42 -4.09 -0.07	25.10 -3.82 -0.20	25.12 -3.87 -0.13	25.84 -3.96 0.00	27.12 -4.16 0.02	29.27 -4.30 0.04	24.96 -4.27 4.40	27.13 -4.92 5.25	27.38 -4.91 5.79	26.02 -4.50 5.51	24.89 -3.92 5.24	21.95 -3.78 4.77	20.78 -3.72 4.58	20.02 -3.49 4.40	20.13 -3.07 3.70	23.46 -3.50 4.84	26.16 -4.06 5.37	30.15 -4.53 5.41	32.13 -5.00 5.93	30.36 -4.77 6.01	25.33 -4.30 5.33	22.90 -3.22 0.03	24.83 -3.50 -0.34
PACKARD__I15KV_DUPONT_I84 80571	29.83 -4.48 0.17	27.42 -4.09 -0.07	25.10 -3.82 -0.20	25.12 -3.87 -0.13	25.84 -3.96 0.00	27.12 -4.16 0.02	29.27 -4.30 0.04	24.96 -4.27 4.40	27.13 -4.92 5.25	27.38 -4.91 5.79	26.02 -4.50 5.51	24.89 -3.92 5.24	21.95 -3.78 4.77	20.78 -3.72 4.58	20.02 -3.49 4.40	20.13 -3.07 3.70	23.46 -3.50 4.84	26.16 -4.06 5.37	30.15 -4.53 5.41	32.13 -5.00 5.93	30.36 -4.77 6.01	25.33 -4.30 5.33	22.90 -3.22 0.03	24.83 -3.50 -0.34
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	36.52 2.03 -0.01	34.04 1.92 -0.69	32.65 1.67 -2.26	31.98 1.67 -1.46	33.41 1.76 -1.84	35.95 1.85 -2.79	42.31 2.05 -6.64	46.85 2.09 -11.13	45.75 2.50 -5.95	40.67 2.59 0.01	38.51 2.49 0.01	36.29 2.25 0.01	32.57 2.07 0.01	31.22 2.04 -0.10	30.41 2.01 -0.48	32.30 1.96 -3.44	34.05 2.26 0.01	39.61 2.67 -1.35	48.38 2.97 -5.32	53.59 3.23 -7.30	47.10 3.04 -2.92	38.31 2.48 -0.88	35.82 1.83 -7.84	33.95 1.93 -4.03
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	36.62 2.14 -0.01	34.17 2.04 -0.69	32.76 1.78 -2.26	32.10 1.79 -1.46	33.50 1.85 -1.84	36.11 2.00 -2.79	42.44 2.18 -6.64	46.95 2.19 -11.13	45.86 2.61 -5.95	40.74 2.67 0.01	38.55 2.52 0.01	36.35 2.32 0.01	32.60 2.10 0.01	31.31 2.12 -0.10	30.46 2.07 -0.48	32.38 2.04 -3.44	34.15 2.35 0.01	39.75 2.81 -1.35	48.50 3.09 -5.32	53.77 3.40 -7.30	47.27 3.21 -2.92	38.45 2.62 -0.88	35.90 1.91 -7.84	34.06 2.04 -4.03
PATROON__I15KV_TB1 80586	35.96 1.48 0.00	33.59 1.32 -0.84	32.66 1.18 -2.76	31.80 1.18 -1.77	33.28 1.22 -2.25	36.01 1.28 -3.41	43.10 1.34 -8.15	48.65 1.38 -13.64	46.09 1.49 -7.29	39.65 1.56 0.00	37.44 1.41 0.00	35.34 1.29 0.00	31.70 1.19 0.00	30.25 1.16 0.00	29.50 1.12 -0.47	32.17 1.08 -4.20	33.11 1.30 0.00	38.78 1.53 -1.66	48.39 1.76 -6.53	53.87 1.85 -8.95	46.49 1.77 -3.58	37.54 1.50 -1.09	36.86 1.12 -9.59	34.12 1.20 -4.92
PATTRSNVILLE__SOLAR 323815	35.65 1.17 0.00	33.35 1.04 -0.88	32.54 0.92 -2.90	31.64 0.92 -1.86	33.12 0.95 -2.36	35.93 1.03 -3.59	43.29 1.11 -8.57	49.15 1.18 -14.35	46.17 1.19 -7.67	39.23 1.14 0.00	36.97 0.94 0.00	34.86 0.82 0.00	31.24 0.73 0.00	29.82 0.73 0.00	29.16 0.75 -0.49	32.06 0.75 -4.41	32.73 0.92 0.00	38.58 1.25 -1.75	48.44 1.48 -6.87	54.11 1.64 -9.42	46.47 1.56 -3.77	37.35 1.26 -1.14	37.18 0.94 -10.08	34.15 0.98 -5.18
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	30.85 -3.48 0.15	28.11 -3.39 -0.07	25.82 -3.10 -0.20	25.81 -3.17 -0.14	26.52 -3.31 -0.02	27.88 -3.44 -0.01	29.65 -4.00 -0.04	26.38 -3.56 3.69	28.86 -3.95 4.48	28.99 -4.08 5.02	27.36 -3.89 4.78	25.89 -3.61 4.55	23.04 -3.33 4.14	22.03 -3.08 3.98	21.11 -2.99 3.82	20.82 -2.90 3.17	24.23 -3.37 4.20	27.18 -3.77 4.64	31.25 -4.21 4.63	33.35 -4.65 5.07	31.69 -4.28 5.17	26.74 -3.60 4.61	23.57 -2.64 -0.06	25.25 -3.08 -0.34
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	36.48 2.00 0.00	33.91 1.79 -0.69	32.62 1.64 -2.26	31.95 1.64 -1.45	33.38 1.73 -1.84	35.96 1.85 -2.80	42.28 1.98 -6.68	46.84 2.02 -11.19	45.63 2.35 -5.98	40.52 2.44 0.00	38.34 2.31 0.00	36.09 2.04 0.00	32.34 1.83 0.00	30.89 1.80 0.00	30.06 1.76 -0.39	32.06 1.72 -3.44	33.81 2.00 0.00	39.37 2.42 -1.36	48.05 2.61 -5.36	53.33 2.93 -7.34	46.92 2.84 -2.94	38.18 2.34 -0.89	35.69 1.67 -7.86	33.79 1.76 -4.04
PEEKSKILL____ 23653	36.03 1.55 0.00	33.58 1.48 -0.67	32.24 1.32 -2.20	31.59 1.33 -1.41	32.97 1.37 -1.79	35.50 1.47 -2.72	41.76 1.65 -6.50	46.16 1.65 -10.88	45.06 1.94 -5.82	40.14 2.06 0.00	37.94 1.91 0.00	35.71 1.67 0.00	32.09 1.59 0.00	30.68 1.57 -0.02	29.84 1.53 -0.39	31.78 1.53 -3.35	33.46 1.65 0.00	39.01 2.10 -1.32	47.58 2.28 -5.21	52.74 2.54 -7.14	46.34 2.34 -2.86	37.77 1.96 -0.87	35.21 1.41 -7.65	33.40 1.48 -3.93

PGE MADISON___WINDPWR 24146	35.42 0.79 -0.15	32.39 0.66 -0.30	30.26 0.49 -1.05	30.03 0.52 -0.66	31.35 0.56 -0.98	33.48 0.66 -1.51	37.77 0.54 -3.62	43.93 0.81 -9.49	45.37 0.71 -7.36	43.11 0.46 -4.56	40.74 0.36 -4.34	38.28 0.10 -4.13	34.24 -0.03 -3.76	32.56 -0.14 -3.61	31.42 -0.17 -3.68	31.82 0.16 -4.77	36.19 0.57 -3.82	41.38 0.82 -4.97	48.33 1.08 -7.15	53.03 1.34 -8.64	48.82 1.36 -6.32	40.68 1.05 -4.68	30.89 0.50 -4.25	30.25 0.36 -1.89
PIERCEFIELD___HYD 23852	34.17 -0.31 0.00	31.19 -0.25 -0.01	28.62 -0.14 -0.04	28.70 -0.17 -0.03	29.63 -0.21 -0.03	31.14 -0.22 -0.05	33.40 -0.34 -0.12	33.46 -0.37 -0.20	37.00 -0.41 -0.11	37.63 -0.46 0.00	35.67 -0.36 0.00	33.71 -0.34 0.00	30.20 -0.31 0.00	28.74 -0.35 0.00	27.50 -0.42 -0.01	26.53 -0.43 -0.06	31.26 -0.54 0.00	35.01 -0.61 -0.02	39.55 -0.64 -0.10	42.50 -0.69 -0.13	40.54 -0.66 -0.05	34.48 -0.49 -0.02	25.95 -0.34 -0.14	27.62 -0.45 -0.07
PINELAWN_CC_1 323563	36.72 2.24 0.00	34.26 2.14 -0.69	32.95 1.98 -2.25	32.23 1.93 -1.45	33.70 2.06 -1.83	36.35 2.26 -2.78	42.85 2.59 -6.65	49.39 2.69 -13.07	47.01 3.13 -6.58	41.09 3.01 0.00	38.92 2.88 0.00	36.43 2.38 0.00	32.67 2.17 0.00	31.33 2.15 -0.09	30.57 2.18 -0.48	32.59 2.26 -3.43	34.19 2.39 0.00	40.01 3.06 -1.36	48.79 3.37 -5.33	53.90 3.53 -7.31	47.48 3.41 -2.93	38.81 2.97 -0.89	36.18 2.20 -7.83	34.16 2.16 -4.02
PJM_GEN_HTP_PROXY 323702	36.37 1.90 0.00	33.88 1.76 -0.69	32.58 1.61 -2.25	31.88 1.59 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.75 1.98 -11.14	45.68 2.42 -5.96	40.68 2.59 0.00	38.45 2.41 0.00	36.16 2.11 0.00	32.52 2.01 0.00	32.09 2.01 -0.99	31.28 1.92 -1.44	32.25 1.91 -3.44	33.87 2.07 0.00	39.58 2.63 -1.36	48.27 2.85 -5.33	53.51 3.14 -7.31	46.95 2.88 -2.93	38.22 2.38 -0.89	35.71 1.73 -7.83	33.83 1.82 -4.02
PJM_GEN_KEystone 24065	33.54 -0.90 0.05	31.04 -0.78 -0.39	29.24 -0.75 -1.27	28.89 -0.78 -0.82	30.00 -0.80 -1.00	32.00 -0.81 -1.50	36.36 -0.84 -3.58	37.83 -0.77 -4.98	38.42 -0.86 -1.98	35.88 -0.84 1.36	33.98 -0.76 1.30	32.06 -0.75 1.23	28.71 -0.67 1.12	27.50 -0.61 0.98	26.63 -0.56 0.73	27.42 -0.46 -0.98	30.09 -0.57 1.14	34.53 -0.53 0.53	41.09 -0.60 -1.60	44.96 -0.64 -2.55	40.65 -0.66 -0.16	33.58 -0.59 0.77	29.88 -0.50 -4.22	29.68 -0.56 -2.25
PJM_GEN_NEPTUNE_PROXY 323594	36.41 1.93 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	31.94 1.64 -1.45	33.40 1.76 -1.83	36.01 1.91 -2.78	42.45 2.18 -6.65	48.06 2.25 -12.18	46.24 2.65 -6.29	40.71 2.63 0.00	38.56 2.52 0.00	36.16 2.11 0.00	32.46 1.95 0.00	31.13 1.95 -0.09	30.31 1.92 -0.48	32.32 1.99 -3.43	33.90 2.10 0.00	39.62 2.67 -1.36	48.31 2.89 -5.33	53.43 3.06 -7.31	46.99 2.92 -2.93	38.39 2.55 -0.89	35.84 1.86 -7.83	33.86 1.85 -4.02
PJM_GEN_VFT_PROXY 323633	36.24 1.76 0.00	33.75 1.63 -0.69	32.47 1.49 -2.25	31.77 1.47 -1.45	33.16 1.52 -1.83	35.75 1.66 -2.78	42.11 1.85 -6.65	46.62 1.85 -11.14	45.49 2.24 -5.96	40.52 2.44 0.00	38.34 2.31 0.00	36.05 2.01 0.00	32.43 1.92 0.00	32.34 1.95 -1.30	31.56 1.87 -1.77	32.17 1.83 -3.45	33.78 1.97 0.00	39.47 2.53 -1.36	48.19 2.76 -5.33	53.34 2.97 -7.31	46.87 2.80 -2.93	38.08 2.24 -0.89	35.60 1.62 -7.83	33.72 1.71 -4.02
PLATSBURG_115KV_PMLD1 355749	34.72 0.24 0.00	31.59 0.16 0.00	28.98 0.26 0.00	29.11 0.26 0.00	30.11 0.30 0.00	31.56 0.25 0.00	33.75 0.13 0.00	33.66 0.03 0.00	37.45 0.15 0.00	38.47 0.38 0.00	36.54 0.50 0.00	34.62 0.58 0.00	30.87 0.37 0.00	29.26 0.17 0.00	27.77 -0.14 0.00	26.57 -0.32 0.00	31.29 -0.51 0.00	34.84 -0.75 0.00	39.05 -1.04 0.00	41.90 -1.16 0.00	39.82 -1.32 0.00	33.76 -1.19 0.00	25.32 -0.84 0.00	27.07 -0.92 0.00
PLEASANTVLY___LBMP 24000	36.03 1.55 0.00	33.59 1.45 -0.71	32.38 1.32 -2.34	31.68 1.33 -1.50	33.08 1.37 -1.90	35.64 1.44 -2.89	42.09 1.58 -6.90	46.76 1.58 -11.55	45.34 1.86 -6.18	39.99 1.90 0.00	37.84 1.80 0.00	35.65 1.60 0.00	32.00 1.49 0.00	30.60 1.51 0.00	29.76 1.45 -0.40	31.90 1.45 -3.55	33.46 1.65 0.00	38.99 1.99 -1.41	47.82 2.21 -5.53	53.01 2.37 -7.58	46.44 2.26 -3.03	37.76 1.89 -0.92	35.63 1.36 -8.12	33.61 1.46 -4.17
PLSNTVLE_13_KV_13.8KVDIST 80602	36.24 1.76 0.00	33.72 1.60 -0.69	32.45 1.46 -2.27	31.77 1.47 -1.45	33.17 1.52 -1.84	35.74 1.63 -2.80	42.12 1.82 -6.69	46.68 1.85 -11.20	45.45 2.16 -5.99	40.33 2.25 0.00	38.20 2.16 0.00	35.95 1.91 0.00	32.28 1.77 0.00	30.74 1.77 0.12	29.90 1.73 -0.25	32.02 1.69 -3.43	33.77 1.97 0.00	39.30 2.35 -1.36	48.02 2.57 -5.36	53.21 2.80 -7.35	46.72 2.63 -2.94	38.01 2.17 -0.89	35.62 1.60 -7.87	33.68 1.65 -4.04
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.24 1.76 0.00	33.72 1.60 -0.69	32.45 1.46 -2.27	31.77 1.47 -1.45	33.17 1.52 -1.84	35.74 1.63 -2.80	42.12 1.82 -6.69	46.68 1.85 -11.20	45.45 2.16 -5.99	40.33 2.25 0.00	38.20 2.16 0.00	35.95 1.91 0.00	32.28 1.77 0.00	30.74 1.77 0.12	29.90 1.73 -0.25	32.02 1.69 -3.43	33.77 1.97 0.00	39.30 2.35 -1.36	48.02 2.57 -5.36	53.21 2.80 -7.35	46.72 2.63 -2.94	38.01 2.17 -0.89	35.62 1.60 -7.87	33.68 1.65 -4.04
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.20 1.72 0.00	33.70 1.57 -0.70	32.45 1.44 -2.29	31.73 1.41 -1.47	33.16 1.49 -1.87	35.74 1.60 -2.83	42.10 1.71 -6.77	46.68 1.72 -11.33	45.34 1.98 -6.06	40.10 2.02 0.00	37.91 1.87 0.00	35.71 1.67 0.00	32.06 1.56 0.00	30.63 1.54 0.00	29.78 1.48 -0.39	31.83 1.45 -3.49	33.52 1.72 0.00	39.03 2.06 -1.38	47.84 2.33 -5.42	53.13 2.63 -7.44	46.59 2.47 -2.98	37.88 2.03 -0.90	35.58 1.46 -7.97	33.65 1.57 -4.09
POLETTI___ 23519	36.48 2.00 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	31.97 1.67 -1.45	33.37 1.73 -1.83	35.94 1.85 -2.78	42.28 2.02 -6.65	46.82 2.05 -11.14	45.72 2.46 -5.96	40.64 2.55 0.00	38.48 2.45 0.00	36.26 2.21 0.00	32.58 2.07 0.00	32.46 2.07 -1.30	31.69 2.01 -1.77	32.30 1.96 -3.45	34.03 2.23 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.56 3.19 -7.31	47.07 3.00 -2.93	38.28 2.45 -0.89	35.78 1.80 -7.83	33.91 1.90 -4.02
POMONA___ESR 323819	35.99 1.52 0.00	33.53 1.45 -0.66	32.17 1.29 -2.16	31.50 1.27 -1.38	32.91 1.34 -1.76	35.42 1.44 -2.67	41.60 1.61 -6.37	45.88 1.58 -10.67	44.91 1.90 -5.71	40.10 2.02 0.00	37.91 1.87 0.00	35.65 1.60 0.00	32.03 1.52 0.00	30.64 1.54 -0.01	29.77 1.48 -0.38	31.66 1.48 -3.29	33.42 1.62 0.00	38.95 2.06 -1.30	47.44 2.24 -5.11	52.56 2.50 -7.00	46.25 2.30 -2.80	37.72 1.92 -0.85	35.04 1.39 -7.50	33.30 1.45 -3.85
PORT_JEFF_3 23555	36.86 2.38 0.00	34.44 2.33 -0.69	33.13 2.16 -2.25	32.43 2.13 -1.45	33.97 2.33 -1.83	36.63 2.54 -2.78	43.16 2.89 -6.65	49.76 3.06 -13.07	47.39 3.51 -6.58	41.36 3.28 0.00	39.10 3.06 0.00	36.57 2.52 0.00	32.80 2.29 0.00	31.45 2.27 -0.09	30.68 2.29 -0.48	32.75 2.42 -3.43	34.25 2.45 0.00	40.08 3.13 -1.36	49.03 3.61 -5.33	54.07 3.70 -7.31	47.64 3.58 -2.93	38.98 3.15 -0.89	36.36 2.38 -7.83	34.33 2.32 -4.02

PORT_JEFF_4 23616	36.86 2.38 0.00	34.44 2.33 -0.69	33.13 2.16 -2.25	32.43 2.13 -1.45	33.97 2.33 -1.83	36.63 2.54 -2.78	43.16 2.89 -6.65	49.76 3.06 -13.07	47.39 3.51 -6.58	41.36 3.28 0.00	39.10 3.06 0.00	36.57 2.52 0.00	32.80 2.29 0.00	31.45 2.27 -0.09	30.68 2.29 -0.48	32.75 2.42 -3.43	34.25 2.45 0.00	40.08 3.13 -1.36	49.03 3.61 -5.33	54.07 3.70 -7.31	47.64 3.58 -2.93	38.98 3.15 -0.89	36.36 2.38 -7.83	34.33 2.32 -4.02
PORT_JEFF_IC 23713	36.86 2.38 0.00	34.29 2.17 -0.69	33.04 2.07 -2.25	32.46 2.16 -1.45	34.00 2.35 -1.83	36.66 2.57 -2.78	43.19 2.92 -6.65	49.80 3.09 -13.07	47.46 3.58 -6.58	41.09 3.01 0.00	38.88 2.85 0.00	36.63 2.59 0.00	32.73 2.23 0.00	31.45 2.27 -0.09	30.71 2.32 -0.48	32.69 2.37 -3.43	34.35 2.54 0.00	40.18 3.24 -1.36	49.19 3.77 -5.33	54.12 3.75 -7.31	48.02 3.95 -2.93	39.02 3.18 -0.89	36.46 2.48 -7.83	34.39 2.38 -4.02
PPL PILGRIM_ST_GT1 24216	36.96 2.48 0.00	34.48 2.36 -0.69	33.16 2.18 -2.25	32.46 2.16 -1.45	33.94 2.30 -1.83	36.60 2.51 -2.78	43.16 2.89 -6.65	49.69 2.99 -13.07	47.35 3.47 -6.58	41.36 3.28 0.00	39.17 3.13 0.00	36.67 2.62 0.00	32.86 2.35 0.00	31.51 2.33 -0.09	30.76 2.37 -0.48	32.80 2.47 -3.43	34.38 2.57 0.00	40.22 3.27 -1.36	49.11 3.69 -5.33	54.20 3.83 -7.31	47.73 3.66 -2.93	39.05 3.21 -0.89	36.36 2.38 -7.83	34.36 2.35 -4.02
PPL PILGRIM_ST_GT2 24217	36.96 2.48 0.00	34.48 2.36 -0.69	33.16 2.18 -2.25	32.46 2.16 -1.45	33.94 2.30 -1.83	36.60 2.51 -2.78	43.16 2.89 -6.65	49.69 2.99 -13.07	47.35 3.47 -6.58	41.36 3.28 0.00	39.17 3.13 0.00	36.67 2.62 0.00	32.86 2.35 0.00	31.51 2.33 -0.09	30.76 2.37 -0.48	32.80 2.47 -3.43	34.38 2.57 0.00	40.22 3.27 -1.36	49.11 3.69 -5.33	54.20 3.83 -7.31	47.73 3.66 -2.93	39.05 3.21 -0.89	36.36 2.38 -7.83	34.36 2.35 -4.02
PPL_SHRM_GT3 24213	36.69 2.21 0.00	34.57 2.45 -0.69	33.27 2.30 -2.25	32.57 2.28 -1.45	34.38 2.74 -1.83	37.10 3.01 -2.78	43.69 3.43 -6.65	50.30 3.60 -13.07	48.02 4.14 -6.58	41.51 3.43 0.00	38.92 2.88 0.00	36.36 2.32 0.00	32.58 2.08 0.00	31.18 2.01 -0.09	30.48 2.09 -0.48	32.61 2.28 -3.43	33.68 1.88 0.00	39.51 2.56 -1.36	49.15 3.73 -5.33	53.82 3.45 -7.31	47.32 3.25 -2.93	38.98 3.15 -0.89	36.62 2.64 -7.83	34.61 2.60 -4.02
PPL_SHRM_GT4 24214	36.69 2.21 0.00	34.57 2.45 -0.69	33.27 2.30 -2.25	32.57 2.28 -1.45	34.38 2.74 -1.83	37.10 3.01 -2.78	43.69 3.43 -6.65	50.30 3.60 -13.07	48.02 4.14 -6.58	41.51 3.43 0.00	38.92 2.88 0.00	36.36 2.32 0.00	32.58 2.08 0.00	31.18 2.01 -0.09	30.48 2.09 -0.48	32.61 2.28 -3.43	33.68 1.88 0.00	39.51 2.56 -1.36	49.15 3.73 -5.33	53.82 3.45 -7.31	47.32 3.25 -2.93	38.98 3.15 -0.89	36.62 2.64 -7.83	34.61 2.60 -4.02
PROJECT___ORANGE 1 24174	33.55 -0.93 0.00	30.66 -0.85 -0.08	28.14 -0.83 -0.25	28.17 -0.84 -0.16	29.17 -0.83 -0.20	30.74 -0.88 -0.30	33.47 -0.87 -0.73	34.01 -0.84 -1.22	36.98 -0.97 -0.65	37.13 -0.95 0.00	35.13 -0.90 0.00	33.23 -0.82 0.00	29.71 -0.79 0.00	28.30 -0.79 0.00	27.23 -0.73 -0.04	26.62 -0.65 -0.38	31.17 -0.64 0.00	34.92 -0.82 -0.15	39.75 -0.92 -0.58	42.87 -0.99 -0.80	40.52 -0.95 -0.32	34.17 -0.87 -0.10	26.30 -0.71 -0.86	27.67 -0.76 -0.44
PROJECT___ORANGE 2 24166	33.55 -0.93 0.00	30.66 -0.85 -0.08	28.14 -0.83 -0.25	28.17 -0.84 -0.16	29.17 -0.83 -0.20	30.74 -0.88 -0.30	33.47 -0.87 -0.73	34.01 -0.84 -1.22	36.98 -0.97 -0.65	37.13 -0.95 0.00	35.13 -0.90 0.00	33.23 -0.82 0.00	29.71 -0.79 0.00	28.30 -0.79 0.00	27.23 -0.73 -0.04	26.62 -0.65 -0.38	31.17 -0.64 0.00	34.92 -0.82 -0.15	39.75 -0.92 -0.58	42.87 -0.99 -0.80	40.52 -0.95 -0.32	34.17 -0.87 -0.10	26.30 -0.71 -0.86	27.67 -0.76 -0.44
PUCKETT___SOLAR 323809	34.17 -0.31 0.00	31.35 -0.31 -0.23	29.14 -0.34 -0.77	29.02 -0.32 -0.49	30.10 -0.33 -0.62	31.94 -0.31 -0.95	35.54 -0.34 -2.26	37.14 -0.27 -3.78	38.95 -0.37 -2.02	37.63 -0.46 0.00	35.49 -0.54 0.00	33.43 -0.61 0.00	29.90 -0.61 0.00	28.48 -0.61 0.00	27.46 -0.59 -0.13	27.63 -0.43 -1.16	31.48 -0.32 0.00	35.80 -0.25 -0.46	41.70 -0.20 -1.81	45.46 -0.09 -2.48	42.05 -0.08 -0.99	35.11 -0.14 -0.30	28.60 -0.21 -2.66	29.08 -0.28 -1.37
PYRITES___HYD 24023	34.75 0.28 0.00	31.73 0.28 -0.01	29.13 0.37 -0.04	29.19 0.32 -0.02	30.17 0.33 -0.03	31.67 0.31 -0.05	33.93 0.20 -0.11	33.95 0.13 -0.19	37.51 0.11 -0.10	38.08 0.00 0.00	36.11 0.07 0.00	34.11 0.07 0.00	30.57 0.06 0.00	29.09 0.00 0.00	27.81 -0.11 -0.01	26.87 -0.08 -0.06	31.71 -0.10 0.00	35.54 -0.07 -0.02	40.26 0.08 -0.09	43.27 0.09 -0.12	41.27 0.08 -0.05	35.11 0.14 -0.01	26.39 0.10 -0.13	28.11 0.06 -0.07
QUAKERRD_115KV_BK1 80622	31.64 -2.79 0.04	28.95 -2.55 -0.07	26.48 -2.44 -0.20	26.56 -2.42 -0.13	27.43 -2.50 -0.13	28.93 -2.57 -0.19	31.43 -2.62 -0.44	30.78 -2.62 0.23	33.55 -2.98 0.77	33.87 -2.93 1.28	32.11 -2.70 1.22	30.50 -2.38 1.16	27.13 -2.32 1.06	25.75 -2.33 1.02	24.81 -2.15 0.95	24.39 -1.91 0.59	28.66 -2.07 1.07	32.03 -2.46 1.10	36.60 -2.65 0.85	39.43 -2.80 0.83	37.25 -2.76 1.14	31.24 -2.59 1.12	24.63 -2.04 -0.52	26.13 -2.21 -0.35
QUEENSBRY_115KV_TB8 356137	36.55 2.07 0.00	34.18 1.89 -0.86	33.24 1.69 -2.83	32.34 1.67 -1.81	33.87 1.76 -2.30	36.65 1.85 -3.49	43.94 1.98 -8.35	49.79 2.19 -13.98	47.09 2.31 -7.47	40.52 2.44 0.00	38.02 1.98 0.00	35.85 1.80 0.00	31.97 1.46 0.00	30.49 1.40 0.00	29.76 1.37 -0.48	32.51 1.32 -4.30	33.42 1.62 0.00	39.39 2.10 -1.70	49.35 2.57 -6.69	54.99 2.76 -9.17	47.40 2.59 -3.67	38.13 2.06 -1.11	37.52 1.54 -9.82	34.71 1.68 -5.04
RAMAPO___LBMP 323565	35.82 1.34 0.00	33.34 1.26 -0.65	32.01 1.15 -2.14	31.38 1.15 -1.37	32.74 1.19 -1.74	35.24 1.28 -2.64	41.37 1.45 -6.31	45.64 1.45 -10.57	44.67 1.72 -5.65	39.87 1.79 0.00	37.73 1.69 0.00	35.54 1.50 0.00	31.91 1.40 0.00	30.50 1.40 -0.01	29.66 1.37 -0.38	31.52 1.37 -3.25	33.36 1.56 0.00	38.76 1.89 -1.29	47.19 2.04 -5.06	52.28 2.28 -6.94	46.06 2.14 -2.78	37.58 1.78 -0.84	34.86 1.28 -7.43	33.15 1.34 -3.81
RANKINE____ 23646	30.53 -3.79 0.15	27.95 -3.55 -0.07	25.62 -3.30 -0.20	25.64 -3.35 -0.13	26.37 -3.46 -0.02	27.68 -3.63 0.00	29.66 -3.97 -0.02	26.04 -3.70 3.89	28.39 -4.21 4.70	28.63 -4.23 5.23	27.09 -3.96 4.98	25.77 -3.54 4.74	22.87 -3.33 4.31	21.75 -3.20 4.14	20.89 -3.04 3.98	20.78 -2.80 3.32	24.25 -3.18 4.38	27.08 -3.67 4.84	31.19 -4.05 4.85	33.28 -4.48 5.31	31.54 -4.20 5.40	26.48 -3.67 4.81	23.42 -2.77 -0.04	25.22 -3.11 -0.34
RAVENSWOOD_GT2_1 24244	36.48 2.00 0.00	33.91 1.79 -0.69	32.61 1.64 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.28 2.02 -6.65	46.82 2.05 -11.14	45.72 2.46 -5.96	40.67 2.59 0.00	38.48 2.45 0.00	36.26 2.21 0.00	32.55 2.04 0.00	32.70 2.04 -1.58	31.96 1.98 -2.07	32.31 1.96 -3.45	34.03 2.23 0.00	39.62 2.67 -1.36	48.35 2.93 -5.33	53.56 3.19 -7.31	47.07 3.00 -2.93	38.28 2.45 -0.89	35.79 1.80 -7.83	33.91 1.90 -4.02

RAVENSWOOD_GT2_2 24245	36.48 2.00 0.00	33.91 1.79 -0.69	32.61 1.64 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.28 2.02 -6.65	46.82 2.05 -11.14	45.72 2.46 -5.96	40.67 2.59 0.00	38.48 2.45 0.00	36.26 2.21 0.00	32.55 2.04 0.00	32.70 2.04 -1.58	31.96 1.98 -2.07	32.31 1.96 -3.45	34.03 2.23 0.00	39.62 2.67 -1.36	48.35 2.93 -5.33	53.56 3.19 -7.31	47.07 3.00 -2.93	38.28 2.45 -0.89	35.79 1.80 -7.83	33.91 1.90 -4.02
RAVENSWOOD_GT2_3 24246	36.48 2.00 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.32 2.05 -6.65	46.85 2.09 -11.14	45.75 2.50 -5.96	40.67 2.59 0.00	38.52 2.49 0.00	36.26 2.21 0.00	32.58 2.07 0.00	32.73 2.07 -1.58	31.96 1.98 -2.07	32.31 1.96 -3.45	34.06 2.26 0.00	39.62 2.67 -1.36	48.35 2.93 -5.33	53.60 3.23 -7.31	47.07 3.00 -2.93	38.32 2.48 -0.89	35.79 1.80 -7.83	33.91 1.90 -4.02
RAVENSWOOD_GT2_4 24247	36.48 2.00 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.32 2.05 -6.65	46.85 2.09 -11.14	45.75 2.50 -5.96	40.67 2.59 0.00	38.52 2.49 0.00	36.26 2.21 0.00	32.58 2.07 0.00	32.73 2.07 -1.58	31.96 1.98 -2.07	32.31 1.96 -3.45	34.06 2.26 0.00	39.62 2.67 -1.36	48.35 2.93 -5.33	53.60 3.23 -7.31	47.07 3.00 -2.93	38.32 2.48 -0.89	35.79 1.80 -7.83	33.91 1.90 -4.02
RAVENSWOOD_GT3_1 24248	36.48 2.00 0.00	33.94 1.82 -0.69	32.61 1.64 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.28 2.02 -6.65	46.82 2.05 -11.14	45.75 2.50 -5.96	40.67 2.59 0.00	38.48 2.45 0.00	36.26 2.21 0.00	32.55 2.04 0.00	32.70 2.04 -1.58	31.96 1.98 -2.07	32.31 1.96 -3.45	34.03 2.23 0.00	39.62 2.67 -1.36	48.35 2.93 -5.33	53.56 3.19 -7.31	47.07 3.00 -2.93	38.28 2.45 -0.89	35.79 1.80 -7.83	33.91 1.90 -4.02
RAVENSWOOD_GT3_2 24249	36.48 2.00 0.00	33.94 1.82 -0.69	32.61 1.64 -2.25	31.94 1.64 -1.45	33.34 1.70 -1.83	35.94 1.85 -2.78	42.28 2.02 -6.65	46.82 2.05 -11.14	45.75 2.50 -5.96	40.67 2.59 0.00	38.48 2.45 0.00	36.26 2.21 0.00	32.55 2.04 0.00	32.70 2.04 -1.58	31.96 1.98 -2.07	32.31 1.96 -3.45	34.03 2.23 0.00	39.62 2.67 -1.36	48.35 2.93 -5.33	53.56 3.19 -7.31	47.07 3.00 -2.93	38.28 2.45 -0.89	35.79 1.80 -7.83	33.91 1.90 -4.02
RAVENSWOOD_GT3_3 24250	36.51 2.03 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	31.97 1.67 -1.45	33.37 1.73 -1.83	35.97 1.88 -2.78	42.32 2.05 -6.65	46.85 2.09 -11.14	45.79 2.54 -5.96	40.71 2.63 0.00	38.52 2.49 0.00	36.29 2.25 0.00	32.58 2.07 0.00	32.73 2.07 -1.58	31.99 2.01 -2.07	32.33 1.99 -3.45	34.09 2.29 0.00	39.65 2.70 -1.36	48.39 2.97 -5.33	53.64 3.27 -7.31	47.11 3.04 -2.93	38.32 2.48 -0.89	35.81 1.83 -7.83	33.94 1.93 -4.02
RAVENSWOOD_GT3_4 24251	36.51 2.03 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	31.97 1.67 -1.45	33.37 1.73 -1.83	35.97 1.88 -2.78	42.32 2.05 -6.65	46.85 2.09 -11.14	45.79 2.54 -5.96	40.71 2.63 0.00	38.52 2.49 0.00	36.29 2.25 0.00	32.58 2.07 0.00	32.73 2.07 -1.58	31.99 2.01 -2.07	32.33 1.99 -3.45	34.09 2.29 0.00	39.65 2.70 -1.36	48.39 2.97 -5.33	53.64 3.27 -7.31	47.11 3.04 -2.93	38.32 2.48 -0.89	35.81 1.83 -7.83	33.94 1.93 -4.02
RAVENSWOOD_GT_1 23729	39.50 2.17 -2.85	36.36 1.98 -2.94	34.23 1.81 -3.70	32.15 1.82 -1.48	33.54 1.88 -1.86	38.94 2.00 -5.62	44.28 2.22 -8.44	48.01 2.25 -12.12	47.22 2.69 -7.23	44.75 2.78 -3.88	43.51 2.67 -4.81	41.88 2.38 -5.45	39.48 2.23 -6.75	40.70 2.18 -9.43	38.70 2.12 -8.67	41.90 2.10 -12.90	40.89 2.42 -6.68	45.43 2.85 -7.00	51.33 3.13 -8.11	95.96 3.44 -49.46	50.51 3.25 -6.12	41.20 2.66 -3.59	39.05 1.94 -10.96	37.19 2.04 -7.15
RAVENSWOOD_GT_10 24258	36.39 1.97 0.06	33.91 1.79 -0.69	32.58 1.64 -2.22	31.94 1.64 -1.44	33.34 1.70 -1.83	35.89 1.85 -2.73	42.25 2.02 -6.62	46.80 2.05 -11.12	45.69 2.46 -5.93	40.48 2.59 0.19	38.24 2.45 0.24	35.99 2.21 0.27	32.21 2.04 0.34	32.27 2.04 -1.15	31.67 1.98 -1.77	31.74 1.94 -2.90	33.69 2.23 0.33	39.30 2.63 -1.07	48.21 2.93 -5.19	49.90 3.19 -3.65	46.91 3.00 -2.77	38.23 2.45 -0.83	35.72 1.80 -7.76	33.98 1.90 -4.09
RAVENSWOOD_GT_11 24259	36.39 1.97 0.06	33.91 1.79 -0.69	32.58 1.64 -2.22	31.94 1.64 -1.44	33.34 1.70 -1.83	35.89 1.85 -2.73	42.25 2.02 -6.62	46.80 2.05 -11.12	45.69 2.46 -5.93	40.48 2.59 0.19	38.24 2.45 0.24	35.99 2.21 0.27	32.21 2.04 0.34	32.27 2.04 -1.15	31.67 1.98 -1.77	31.74 1.94 -2.90	33.69 2.23 0.33	39.30 2.63 -1.07	48.21 2.93 -5.19	49.90 3.19 -3.65	46.91 3.00 -2.77	38.23 2.45 -0.83	35.72 1.80 -7.76	33.98 1.90 -4.09
RAVENSWOOD_GT_4 24252	37.73 1.97 -1.29	35.63 1.79 -2.40	33.23 1.61 -2.90	31.92 1.62 -1.45	33.32 1.67 -1.84	37.19 1.82 -4.06	43.05 1.98 -7.46	47.22 2.02 -11.58	46.25 2.42 -6.53	40.64 2.55 -0.01	38.45 2.41 -0.01	36.23 2.18 -0.01	32.53 2.01 -0.01	32.07 2.01 -0.97	32.43 1.95 -2.56	31.20 1.94 -2.37	34.00 2.19 -0.01	39.57 2.63 -1.35	48.32 2.89 -5.34	29.93 3.14 16.28	47.04 2.96 -2.93	39.47 2.41 -2.11	37.17 1.78 -9.24	36.27 1.88 -6.41
RAVENSWOOD_GT_5 24254	37.73 1.97 -1.29	35.63 1.79 -2.40	33.23 1.61 -2.90	31.92 1.62 -1.45	33.32 1.67 -1.84	37.19 1.82 -4.06	43.05 1.98 -7.46	47.22 2.02 -11.58	46.25 2.42 -6.53	40.64 2.55 -0.01	38.45 2.41 -0.01	36.23 2.18 -0.01	32.53 2.01 -0.01	32.07 2.01 -0.97	32.43 1.95 -2.56	31.20 1.94 -2.37	34.00 2.19 -0.01	39.57 2.63 -1.35	48.32 2.89 -5.34	29.93 3.14 16.28	47.04 2.96 -2.93	39.47 2.41 -2.11	37.17 1.78 -9.24	36.27 1.88 -6.41
RAVENSWOOD_GT_6 24253	37.73 1.97 -1.29	35.63 1.79 -2.40	33.23 1.61 -2.90	31.92 1.62 -1.45	33.32 1.67 -1.84	37.19 1.82 -4.06	43.05 1.98 -7.46	47.22 2.02 -11.58	46.25 2.42 -6.53	40.64 2.55 -0.01	38.45 2.41 -0.01	36.23 2.18 -0.01	32.53 2.01 -0.01	32.07 2.01 -0.97	32.43 1.95 -2.56	31.20 1.94 -2.37	34.00 2.19 -0.01	39.57 2.63 -1.35	48.32 2.89 -5.34	29.93 3.14 16.28	47.04 2.96 -2.93	39.47 2.41 -2.11	37.17 1.78 -9.24	36.27 1.88 -6.41
RAVENSWOOD_GT_7 24255	37.73 1.97 -1.29	35.63 1.79 -2.40	33.23 1.61 -2.90	31.92 1.62 -1.45	33.32 1.67 -1.84	37.19 1.82 -4.06	43.05 1.98 -7.46	47.22 2.02 -11.58	46.25 2.42 -6.53	40.64 2.55 -0.01	38.45 2.41 -0.01	36.23 2.18 -0.01	32.53 2.01 -0.01	32.07 2.01 -0.97	32.43 1.95 -2.56	31.20 1.94 -2.37	34.00 2.19 -0.01	39.57 2.63 -1.35	48.32 2.89 -5.34	29.93 3.14 16.28	47.04 2.96 -2.93	39.47 2.41 -2.11	37.17 1.78 -9.24	36.27 1.88 -6.41
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.39 1.97 0.06	33.91 1.79 -0.69	32.58 1.64 -2.22	31.94 1.64 -1.44	33.34 1.70 -1.83	35.89 1.85 -2.73	42.25 2.02 -6.62	46.80 2.05 -11.12	45.69 2.46 -5.93	40.48 2.59 0.19	38.24 2.45 0.24	35.99 2.21 0.27	32.21 2.04 0.34	32.27 2.04 -1.15	31.67 1.98 -1.77	31.74 1.94 -2.90	33.69 2.23 0.33	39.30 2.63 -1.07	48.21 2.93 -5.19	49.90 3.19 -3.65	46.91 3.00 -2.77	38.23 2.45 -0.83	35.72 1.80 -7.76	33.98 1.90 -4.09

RAVENSWOOD_GT_9 24257	36.39 1.97 0.06	33.91 1.79 -0.69	32.58 1.64 -2.22	31.94 1.64 -1.44	33.34 1.70 -1.83	35.89 1.85 -2.73	42.25 2.02 -6.62	46.80 2.05 -11.12	45.69 2.46 -5.93	40.48 2.59 0.19	38.24 2.45 0.24	35.99 2.21 0.27	32.21 2.04 0.34	32.27 2.04 -1.15	31.67 1.98 -1.77	31.74 1.94 -2.90	33.69 2.23 0.33	39.30 2.63 -1.07	48.21 2.93 -5.19	49.90 3.19 -3.65	46.91 3.00 -2.77	38.23 2.45 -0.83	35.72 1.80 -7.76	33.98 1.90 -4.09
RAVENSWOOD___1 23533	37.23 2.17 -0.58	34.11 1.98 -0.69	33.08 1.81 -2.55	32.10 1.79 -1.46	33.50 1.85 -1.84	36.68 2.01 -3.36	42.81 2.18 -7.02	47.19 2.22 -11.34	46.17 2.65 -6.22	42.83 2.82 -1.93	41.09 2.67 -2.39	39.10 2.35 -2.71	36.08 2.23 -3.35	37.15 2.18 -5.88	35.06 2.12 -5.03	37.85 2.10 -8.85	37.44 2.32 -3.31	42.60 2.85 -4.16	49.89 3.09 -6.71	90.17 3.45 -43.67	48.78 3.13 -4.51	39.01 2.62 -1.44	36.52 1.91 -8.46	34.70 2.02 -4.69
RAVENSWOOD___2 23534	37.23 2.17 -0.58	34.11 1.98 -0.69	33.08 1.81 -2.55	32.10 1.79 -1.46	33.50 1.85 -1.84	36.64 1.97 -3.36	42.81 2.18 -7.02	47.19 2.22 -11.34	46.17 2.65 -6.22	42.82 2.82 -1.92	41.04 2.63 -2.38	39.09 2.35 -2.70	36.04 2.20 -3.34	37.14 2.18 -5.86	35.05 2.12 -5.02	37.83 2.10 -8.83	37.43 2.32 -3.30	42.56 2.81 -4.15	49.88 3.09 -6.70	89.99 3.40 -43.53	48.77 3.13 -4.51	38.97 2.59 -1.43	36.52 1.91 -8.46	34.70 2.02 -4.69
RAVENSWOOD___3 23535	36.48 2.00 0.00	33.94 1.82 -0.69	32.64 1.67 -2.25	31.94 1.64 -1.45	33.37 1.73 -1.83	35.94 1.85 -2.78	42.32 2.05 -6.65	46.82 2.05 -11.14	45.76 2.50 -5.96	40.75 2.67 0.00	38.52 2.48 0.00	36.23 2.18 0.00	32.58 2.08 0.00	32.70 2.04 -1.58	31.96 1.98 -2.07	32.31 1.96 -3.45	33.97 2.16 0.00	39.65 2.70 -1.36	48.35 2.93 -5.33	53.56 3.19 -7.31	47.03 2.96 -2.93	38.28 2.45 -0.89	35.76 1.78 -7.83	33.88 1.88 -4.02
RAVENSWOOD___4 23820	34.95 2.14 1.66	31.89 1.98 1.52	31.95 1.81 -1.41	32.08 1.79 -1.44	33.48 1.85 -1.83	34.41 1.97 -1.13	41.38 2.15 -5.61	46.42 2.22 -10.57	45.17 2.65 -5.22	40.89 2.82 0.01	38.66 2.63 0.01	36.39 2.35 0.01	32.70 2.20 0.01	33.61 2.15 -2.37	31.47 2.12 -1.43	33.81 2.07 -4.84	34.09 2.29 0.01	39.77 2.81 -1.36	48.50 3.09 -5.32	84.28 3.40 -37.81	47.18 3.13 -2.92	36.85 2.59 0.69	34.06 1.91 -6.00	32.27 2.02 -2.27
RCPI_TRUST___DRP 24196	36.41 1.93 0.00	33.91 1.79 -0.69	32.58 1.61 -2.25	31.91 1.62 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.79 2.02 -11.14	45.72 2.46 -5.96	40.64 2.55 0.00	38.48 2.45 0.00	36.22 2.18 0.00	32.55 2.04 0.00	32.12 2.04 -0.99	31.31 1.95 -1.44	32.27 1.94 -3.44	34.03 2.23 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.56 3.19 -7.31	47.03 2.96 -2.93	38.25 2.41 -0.89	35.73 1.75 -7.83	33.88 1.88 -4.02
RED___ROCHESTER 323720	32.10 -2.31 0.07	29.46 -2.04 -0.07	26.79 -2.13 -0.19	26.90 -2.08 -0.13	27.79 -2.12 -0.10	29.29 -2.16 -0.14	31.73 -2.22 -0.33	30.41 -2.15 1.07	33.11 -2.54 1.65	33.29 -2.63 2.16	31.74 -2.23 2.06	30.49 -1.60 1.96	26.83 -1.89 1.78	25.43 -1.95 1.71	24.53 -1.76 1.63	24.10 -1.59 1.21	28.50 -1.49 1.81	31.55 -2.10 1.94	36.26 -2.09 1.75	38.59 -2.63 1.84	36.66 -2.39 2.09	30.91 -2.10 1.94	24.95 -1.60 -0.40	26.54 -1.79 -0.34
REGAN___SOLAR 323812	36.34 1.86 0.00	33.98 1.63 -0.92	33.21 1.46 -3.02	32.23 1.44 -1.94	33.79 1.52 -2.46	36.68 1.63 -3.74	44.29 1.75 -8.93	50.53 1.95 -14.95	47.23 1.94 -8.00	40.03 1.94 0.00	37.55 1.51 0.00	35.34 1.29 0.00	31.64 1.13 0.00	30.14 1.05 0.00	29.51 1.09 -0.51	32.60 1.10 -4.60	33.20 1.40 0.00	39.33 1.92 -1.82	49.65 2.41 -7.16	55.59 2.71 -9.81	47.62 2.55 -3.93	38.13 1.99 -1.19	38.15 1.49 -10.51	34.90 1.51 -5.39
RENSSELAER___COGEN 23796	35.82 1.34 0.00	33.49 1.22 -0.83	32.54 1.09 -2.73	31.73 1.12 -1.75	33.17 1.13 -2.22	35.85 1.16 -3.38	42.93 1.24 -8.07	48.38 1.25 -13.51	45.86 1.34 -7.22	39.49 1.41 0.00	37.26 1.23 0.00	35.17 1.12 0.00	31.57 1.07 0.00	30.14 1.05 0.00	29.38 1.00 -0.46	32.02 0.97 -4.16	32.92 1.11 0.00	38.62 1.39 -1.64	48.16 1.61 -6.47	53.61 1.68 -8.87	46.34 1.65 -3.55	37.43 1.40 -1.08	36.69 1.05 -9.49	33.99 1.12 -4.87
REPUBLIC_115KV_BARTNBRK 55605	37.55 3.07 0.00	34.99 2.70 -0.86	34.02 2.47 -2.83	33.12 2.45 -1.81	34.67 2.56 -2.30	37.53 2.72 -3.49	44.85 2.89 -8.34	50.83 3.23 -13.97	48.13 3.36 -7.47	41.63 3.54 0.00	38.99 2.95 0.00	36.74 2.69 0.00	32.64 2.14 0.00	31.07 1.98 0.00	30.35 1.95 -0.48	33.05 1.86 -4.30	34.12 2.32 0.00	40.35 3.06 -1.70	50.55 3.77 -6.69	56.41 4.18 -9.17	48.72 3.91 -3.67	39.10 3.04 -1.11	38.22 2.25 -9.82	35.44 2.41 -5.04
REVERE_CPFR_DRP 24186	35.13 0.66 0.00	32.04 0.57 -0.04	29.32 0.46 -0.14	29.43 0.49 -0.09	30.43 0.51 -0.11	32.01 0.53 -0.17	34.52 0.50 -0.40	34.87 0.57 -0.67	38.26 0.60 -0.36	38.58 0.50 0.00	36.50 0.47 0.00	34.39 0.34 0.00	30.78 0.27 0.00	29.26 0.17 0.00	28.10 0.17 -0.02	27.40 0.30 -0.21	32.31 0.51 0.00	36.31 0.64 -0.08	41.34 0.92 -0.32	44.49 0.99 -0.44	42.26 0.95 -0.18	35.81 0.80 -0.05	27.07 0.44 -0.47	28.63 0.39 -0.24
REYNOLDS_115KV_TB3 80639	35.86 1.38 0.00	33.52 1.26 -0.83	32.61 1.15 -2.74	31.76 1.15 -1.76	33.23 1.19 -2.23	35.91 1.22 -3.38	42.97 1.28 -8.08	48.44 1.28 -13.53	45.91 1.38 -7.24	39.49 1.41 0.00	37.30 1.26 0.00	35.24 1.19 0.00	31.57 1.07 0.00	30.17 1.08 0.00	29.41 1.03 -0.47	32.05 1.00 -4.16	33.01 1.21 0.00	38.66 1.42 -1.65	48.17 1.60 -6.48	53.62 1.68 -8.88	46.30 1.60 -3.55	37.43 1.40 -1.08	36.71 1.05 -9.51	34.02 1.15 -4.88
RIVERBAY____ 323610	36.62 2.14 -0.01	34.17 2.04 -0.69	32.76 1.78 -2.26	32.10 1.79 -1.46	33.50 1.85 -1.84	36.11 2.00 -2.79	42.44 2.18 -6.64	46.95 2.19 -11.13	45.86 2.61 -5.95	40.74 2.67 0.01	38.55 2.52 0.01	36.35 2.32 0.01	32.60 2.10 0.01	31.31 2.12 -0.10	30.46 2.07 -0.48	32.38 2.04 -3.44	34.15 2.35 0.01	39.75 2.81 -1.35	48.50 3.09 -5.32	53.77 3.40 -7.30	47.27 3.21 -2.92	38.45 2.62 -0.88	35.90 1.91 -7.84	34.06 2.04 -4.03
RIVERSIDE_115KV_TB3 55908	35.89 1.41 0.00	33.52 1.26 -0.83	32.61 1.15 -2.74	31.76 1.15 -1.76	33.23 1.19 -2.23	35.92 1.22 -3.39	43.02 1.31 -8.10	48.50 1.31 -13.56	45.97 1.42 -7.25	39.53 1.45 0.00	37.33 1.30 0.00	35.27 1.23 0.00	31.61 1.10 0.00	30.20 1.11 0.00	29.44 1.06 -0.47	32.09 1.02 -4.17	33.04 1.24 0.00	38.70 1.46 -1.65	48.23 1.64 -6.49	53.68 1.72 -8.90	46.39 1.69 -3.56	37.46 1.43 -1.08	36.75 1.07 -9.53	34.06 1.18 -4.89
ROARING___BROOK_WT_PWR 323790	33.45 -1.03 0.00	30.49 -0.94 0.00	27.89 -0.83 0.00	28.01 -0.84 0.00	28.94 -0.87 0.00	30.37 -0.94 0.00	32.61 -1.01 0.00	32.59 -1.04 0.00	36.18 -1.12 0.00	36.94 -1.14 0.00	34.99 -1.05 0.00	33.06 -0.99 0.00	29.65 -0.85 0.00	28.28 -0.81 0.00	27.10 -0.81 0.00	26.09 -0.81 0.00	30.82 -0.99 0.00	34.45 -1.14 0.00	38.77 -1.32 0.00	41.64 -1.42 0.00	39.74 -1.40 0.00	33.80 -1.15 0.00	25.29 -0.86 0.00	27.09 -0.90 0.00

ROCHESRG_115KV_T4 355643	31.79 -2.62 0.07	29.11 -2.39 -0.07	26.62 -2.30 -0.19	26.70 -2.28 -0.13	27.58 -2.33 -0.10	29.04 -2.41 -0.14	31.48 -2.45 -0.32	30.07 -2.42 1.14	32.73 -2.83 1.74	33.10 -2.74 2.25	31.37 -2.52 2.14	29.87 -2.14 2.04	26.52 -2.14 1.85	25.13 -2.18 1.78	24.21 -2.01 1.69	23.91 -1.72 1.26	28.08 -1.84 1.88	31.37 -2.21 2.02	35.89 -2.37 1.83	38.59 -2.54 1.93	36.45 -2.51 2.18	30.55 -2.38 2.02	24.66 -1.88 -0.39	26.31 -2.02 -0.34
ROCHESTER_9_IC 23652	31.93 -2.48 0.07	29.24 -2.26 -0.07	26.73 -2.18 -0.19	26.82 -2.16 -0.13	27.67 -2.24 -0.10	29.17 -2.29 -0.14	31.63 -2.32 -0.33	30.28 -2.29 1.07	33.00 -2.65 1.65	33.37 -2.55 2.16	31.63 -2.34 2.06	30.08 -2.01 1.96	26.71 -2.01 1.78	25.34 -2.04 1.71	24.42 -1.87 1.63	24.10 -1.59 1.20	28.28 -1.72 1.81	31.59 -2.06 1.94	36.18 -2.16 1.75	38.94 -2.28 1.84	36.78 -2.26 2.09	30.81 -2.20 1.94	24.80 -1.75 -0.40	26.43 -1.90 -0.34
ROCKVIEW_13_KV_LD 356306	36.38 1.90 0.00	33.85 1.73 -0.69	32.53 1.55 -2.25	31.85 1.56 -1.45	33.25 1.61 -1.83	35.85 1.75 -2.78	42.18 1.92 -6.65	46.75 1.98 -11.14	45.61 2.35 -5.96	40.52 2.44 0.00	38.41 2.38 0.00	36.16 2.11 0.00	32.46 1.95 0.00	31.15 1.95 -0.11	30.32 1.90 -0.51	32.23 1.88 -3.45	33.97 2.16 0.00	39.51 2.56 -1.36	48.23 2.81 -5.33	53.47 3.10 -7.31	46.95 2.88 -2.93	38.18 2.34 -0.89	35.71 1.73 -7.83	33.80 1.79 -4.02
ROME____115KV_TB2 80656	35.13 0.66 0.00	32.04 0.57 -0.04	29.32 0.46 -0.14	29.43 0.49 -0.09	30.43 0.51 -0.11	32.01 0.53 -0.17	34.52 0.50 -0.40	34.87 0.57 -0.67	38.26 0.60 -0.36	38.58 0.50 0.00	36.50 0.47 0.00	34.39 0.34 0.00	30.78 0.27 0.00	29.26 0.17 0.00	28.10 0.17 -0.02	27.40 0.30 -0.21	32.31 0.51 0.00	36.31 0.64 -0.08	41.34 0.92 -0.32	44.49 0.99 -0.44	42.26 0.95 -0.18	35.81 0.80 -0.05	27.07 0.44 -0.47	28.63 0.39 -0.24
ROSETON___1 23587	35.93 1.45 0.00	33.49 1.38 -0.68	32.19 1.23 -2.24	31.53 1.24 -1.44	32.91 1.28 -1.82	35.45 1.38 -2.77	41.73 1.51 -6.61	46.21 1.51 -11.06	44.97 1.75 -5.92	39.95 1.87 0.00	37.76 1.73 0.00	35.54 1.50 0.00	31.94 1.43 0.00	30.51 1.43 0.00	29.68 1.40 -0.38	31.67 1.37 -3.40	33.30 1.50 0.00	38.86 1.92 -1.35	47.47 2.08 -5.29	52.60 2.28 -7.26	46.19 2.14 -2.91	37.65 1.82 -0.88	35.21 1.28 -7.78	33.35 1.37 -3.99
ROSETON___2 23588	35.93 1.45 0.00	33.49 1.38 -0.68	32.19 1.23 -2.24	31.53 1.24 -1.44	32.91 1.28 -1.82	35.45 1.38 -2.77	41.73 1.51 -6.61	46.21 1.51 -11.06	44.97 1.75 -5.92	39.95 1.87 0.00	37.76 1.73 0.00	35.54 1.50 0.00	31.94 1.43 0.00	30.51 1.43 0.00	29.68 1.40 -0.38	31.67 1.37 -3.40	33.30 1.50 0.00	38.86 1.92 -1.35	47.47 2.08 -5.29	52.60 2.28 -7.26	46.19 2.14 -2.91	37.65 1.82 -0.88	35.21 1.28 -7.78	33.35 1.37 -3.99
ROTRRDAM_115KV_TB3 80664	35.51 1.03 0.00	33.24 0.94 -0.87	32.41 0.83 -2.86	31.52 0.84 -1.83	33.00 0.86 -2.33	35.75 0.91 -3.53	43.03 0.97 -8.44	48.80 1.04 -14.13	45.97 1.12 -7.56	39.19 1.10 0.00	37.01 0.97 0.00	34.93 0.89 0.00	31.30 0.79 0.00	29.88 0.79 0.00	29.18 0.78 -0.49	31.99 0.75 -4.35	32.69 0.89 0.00	38.45 1.14 -1.72	48.18 1.32 -6.76	53.75 1.42 -9.27	46.17 1.32 -3.71	37.16 1.08 -1.12	36.89 0.81 -9.93	33.96 0.87 -5.10
RUSSELL___1 23602	32.07 -2.34 0.07	29.36 -2.14 -0.07	26.82 -2.10 -0.19	26.90 -2.08 -0.13	27.79 -2.12 -0.10	29.26 -2.19 -0.14	31.73 -2.22 -0.33	30.38 -2.19 1.07	33.11 -2.54 1.65	33.52 -2.40 2.16	31.78 -2.20 2.06	30.21 -1.87 1.96	26.83 -1.89 1.78	25.46 -1.92 1.71	24.53 -1.76 1.63	24.21 -1.48 1.21	28.43 -1.56 1.81	31.77 -1.89 1.94	36.38 -1.96 1.75	39.15 -2.07 1.84	36.95 -2.10 2.09	30.94 -2.06 1.94	24.90 -1.65 -0.40	26.51 -1.82 -0.34
RUSSELL___2 23532	32.07 -2.34 0.07	29.36 -2.14 -0.07	26.82 -2.10 -0.19	26.90 -2.08 -0.13	27.79 -2.12 -0.10	29.26 -2.19 -0.14	31.73 -2.22 -0.33	30.38 -2.19 1.07	33.11 -2.54 1.65	33.52 -2.40 2.16	31.78 -2.20 2.06	30.21 -1.87 1.96	26.83 -1.89 1.78	25.46 -1.92 1.71	24.53 -1.76 1.63	24.21 -1.48 1.21	28.43 -1.56 1.81	31.77 -1.89 1.94	36.38 -1.96 1.75	39.15 -2.07 1.84	36.95 -2.10 2.09	30.94 -2.06 1.94	24.90 -1.65 -0.40	26.51 -1.82 -0.34
RUSSELL___3 23549	32.07 -2.34 0.07	29.36 -2.14 -0.07	26.82 -2.10 -0.19	26.90 -2.08 -0.13	27.79 -2.12 -0.10	29.26 -2.19 -0.14	31.73 -2.22 -0.33	30.38 -2.19 1.07	33.11 -2.54 1.65	33.52 -2.40 2.16	31.78 -2.20 2.06	30.21 -1.87 1.96	26.83 -1.89 1.78	25.46 -1.92 1.71	24.53 -1.76 1.63	24.21 -1.48 1.21	28.43 -1.56 1.81	31.77 -1.89 1.94	36.38 -1.96 1.75	39.15 -2.07 1.84	36.95 -2.10 2.09	30.94 -2.06 1.94	24.90 -1.65 -0.40	26.51 -1.82 -0.34
RUSSELL___4 23556	32.07 -2.34 0.07	29.36 -2.14 -0.07	26.82 -2.10 -0.19	26.90 -2.08 -0.13	27.79 -2.12 -0.10	29.26 -2.19 -0.14	31.73 -2.22 -0.33	30.38 -2.19 1.07	33.11 -2.54 1.65	33.52 -2.40 2.16	31.78 -2.20 2.06	30.21 -1.87 1.96	26.83 -1.89 1.78	25.46 -1.92 1.71	24.53 -1.76 1.63	24.21 -1.48 1.21	28.43 -1.56 1.81	31.77 -1.89 1.94	36.38 -1.96 1.75	39.15 -2.07 1.84	36.95 -2.10 2.09	30.94 -2.06 1.94	24.90 -1.65 -0.40	26.51 -1.82 -0.34
RUSSELL___STATION 23914	32.07 -2.34 0.07	29.36 -2.14 -0.07	26.82 -2.10 -0.19	26.90 -2.08 -0.13	27.79 -2.12 -0.10	29.26 -2.19 -0.14	31.73 -2.22 -0.33	30.38 -2.19 1.07	33.11 -2.54 1.65	33.52 -2.40 2.16	31.78 -2.20 2.06	30.21 -1.87 1.96	26.83 -1.89 1.78	25.46 -1.92 1.71	24.53 -1.76 1.63	24.21 -1.48 1.21	28.43 -1.56 1.81	31.77 -1.89 1.94	36.38 -1.96 1.75	39.15 -2.07 1.84	36.95 -2.10 2.09	30.94 -2.06 1.94	24.90 -1.65 -0.40	26.51 -1.82 -0.34
S SALMON___HYD 24043	33.48 -1.00 0.00	30.58 -0.91 -0.06	27.94 -0.98 -0.20	28.03 -0.95 -0.13	29.02 -0.96 -0.16	30.59 -0.97 -0.25	33.16 -1.04 -0.59	33.61 -1.01 -0.99	36.63 -1.20 -0.53	36.79 -1.29 0.00	34.77 -1.26 0.00	32.89 -1.16 0.00	29.38 -1.13 0.00	27.95 -1.13 0.00	26.89 -1.06 -0.03	26.28 -0.91 -0.30	30.91 -0.89 0.00	34.64 -1.07 -0.12	39.48 -1.08 -0.47	42.63 -1.07 -0.65	40.41 -0.99 -0.26	34.12 -0.91 -0.08	26.14 -0.70 -0.69	27.51 -0.84 -0.36
S.PERRY__115KV_TB1 80734	32.76 -2.00 -0.28	29.60 -1.89 -0.05	26.96 -1.87 -0.11	27.08 -1.85 -0.08	28.37 -1.88 -0.44	30.11 -1.88 -0.67	33.19 -1.92 -1.49	43.19 -1.85 -11.41	47.12 -2.31 -12.14	47.74 -2.40 -12.06	45.14 -2.38 -11.48	42.80 -2.18 -10.93	38.23 -2.23 -9.95	36.42 -2.24 -9.57	35.15 -2.04 -9.27	33.54 -1.78 -8.42	40.09 -1.81 -10.10	45.10 -1.96 -11.46	50.64 -1.80 -12.35	55.17 -1.72 -13.83	52.59 -1.65 -13.10	44.55 -1.68 -11.28	26.39 -1.46 -1.70	26.48 -1.68 -0.17
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.28 -4.03 0.16	27.79 -3.71 -0.07	25.44 -3.48 -0.20	25.46 -3.52 -0.13	26.21 -3.61 0.00	27.51 -3.79 0.01	29.56 -4.03 0.02	25.58 -3.87 4.18	27.84 -4.44 5.02	28.07 -4.46 5.56	26.64 -4.11 5.29	25.40 -3.61 5.03	22.48 -3.45 4.58	21.31 -3.37 4.40	20.53 -3.15 4.23	20.50 -2.85 3.54	23.91 -3.24 4.65	26.70 -3.74 5.15	30.74 -4.17 5.18	32.82 -4.56 5.67	31.07 -4.32 5.75	26.00 -3.84 5.11	23.25 -2.90 0.00	25.11 -3.22 -0.34

SAWYER___23_KV_LOAD 55526	30.28 -4.03 0.16	27.79 -3.71 -0.07	25.44 -3.48 -0.20	25.46 -3.52 -0.13	26.21 -3.61 0.00	27.51 -3.79 0.01	29.56 -4.03 0.02	25.58 -3.87 4.18	27.84 -4.44 5.02	28.07 -4.46 5.56	26.64 -4.11 5.29	25.40 -3.61 5.03	22.48 -3.45 4.58	21.31 -3.37 4.40	20.53 -3.15 4.23	20.50 -2.85 3.54	23.91 -3.24 4.65	26.70 -3.74 5.15	30.74 -4.17 5.18	32.82 -4.56 5.67	31.07 -4.32 5.75	26.00 -3.84 5.11	23.25 -2.90 0.00	25.11 -3.22 -0.34
SELKIRK___I 23801	35.76 1.28 0.00	33.38 1.13 -0.82	32.42 1.00 -2.70	31.65 1.07 -1.73	33.05 1.04 -2.19	35.71 1.07 -3.33	42.72 1.14 -7.96	48.10 1.14 -13.33	45.62 1.19 -7.13	39.34 1.25 0.00	37.08 1.05 0.00	34.97 0.92 0.00	31.36 0.85 0.00	29.93 0.84 0.00	29.15 0.78 -0.46	31.75 0.75 -4.10	32.76 0.95 0.00	38.42 1.21 -1.62	47.91 1.44 -6.38	53.35 1.55 -8.75	46.12 1.48 -3.50	37.27 1.26 -1.06	36.46 0.94 -9.37	33.80 1.01 -4.81
SELKIRK___II 23799	35.65 1.17 0.00	33.33 1.07 -0.83	32.39 0.95 -2.72	31.58 0.98 -1.75	33.01 0.98 -2.22	35.71 1.03 -3.36	42.72 1.08 -8.04	48.16 1.08 -13.46	45.69 1.19 -7.19	39.34 1.25 0.00	37.11 1.08 0.00	35.03 0.99 0.00	31.45 0.95 0.00	30.02 0.93 0.00	29.27 0.89 -0.46	31.89 0.86 -4.14	32.79 0.99 0.00	38.47 1.25 -1.64	47.93 1.40 -6.44	53.40 1.51 -8.83	46.11 1.44 -3.53	37.25 1.22 -1.07	36.52 0.91 -9.46	33.82 0.98 -4.85
SENECA OSWGO___HYD 24041	33.31 -1.17 0.00	30.43 -1.07 -0.07	27.88 -1.06 -0.22	27.93 -1.07 -0.14	28.92 -1.07 -0.18	30.49 -1.10 -0.28	33.13 -1.14 -0.66	33.63 -1.11 -1.11	36.62 -1.27 -0.59	36.79 -1.29 0.00	34.81 -1.23 0.00	32.99 -1.06 0.00	29.44 -1.07 0.00	28.04 -1.05 0.00	26.97 -0.98 -0.04	26.37 -0.86 -0.34	30.95 -0.86 0.00	34.55 -1.17 -0.13	39.38 -1.24 -0.53	42.45 -1.34 -0.73	40.20 -1.23 -0.29	33.92 -1.12 -0.09	26.07 -0.86 -0.78	27.41 -0.98 -0.40
SENECA___115KV_TB3 355854	30.60 -3.72 0.15	27.98 -3.52 -0.07	25.64 -3.27 -0.20	25.67 -3.32 -0.13	26.40 -3.43 -0.02	27.71 -3.60 0.00	29.70 -3.93 -0.02	26.08 -3.67 3.89	28.42 -4.18 4.70	28.66 -4.19 5.23	27.13 -3.93 4.98	25.83 -3.47 4.74	22.90 -3.29 4.31	21.77 -3.17 4.14	20.92 -3.01 3.98	20.81 -2.77 3.32	24.28 -3.15 4.38	27.12 -3.63 4.84	31.23 -4.01 4.85	33.32 -4.44 5.31	31.62 -4.11 5.40	26.51 -3.63 4.81	23.47 -2.72 -0.04	25.25 -3.08 -0.34
SENECA___ENERGY 23797	33.14 -1.35 -0.01	30.30 -1.23 -0.09	27.78 -1.23 -0.29	27.83 -1.21 -0.19	28.84 -1.22 -0.25	30.44 -1.25 -0.38	33.27 -1.24 -0.90	34.31 -1.21 -1.89	37.15 -1.42 -1.27	37.16 -1.45 -0.52	35.13 -1.41 -0.50	33.33 -1.19 -0.48	29.69 -1.25 -0.43	28.26 -1.25 -0.42	27.22 -1.15 -0.45	26.69 -0.99 -0.79	31.29 -0.95 -0.44	35.05 -1.21 -0.67	40.05 -1.24 -1.20	43.24 -1.34 -1.51	40.84 -1.23 -0.93	34.36 -1.19 -0.60	26.26 -0.94 -1.05	27.41 -1.09 -0.51
SHOEMAKER___GT 23640	35.65 1.17 0.00	33.15 1.10 -0.62	31.76 1.00 -2.04	31.14 0.98 -1.31	32.51 1.04 -1.66	34.96 1.13 -2.52	40.87 1.24 -6.02	44.88 1.18 -10.07	44.07 1.38 -5.39	39.53 1.45 0.00	37.37 1.33 0.00	35.17 1.12 0.00	31.60 1.10 0.00	30.17 1.08 -0.01	29.33 1.06 -0.35	31.04 1.05 -3.10	32.95 1.14 0.00	38.31 1.49 -1.23	46.60 1.68 -4.82	51.57 1.89 -6.61	45.52 1.73 -2.65	37.22 1.47 -0.80	34.25 1.02 -7.08	32.75 1.12 -3.63
SHOEMAKR_138KV_BK 111 55601	35.65 1.17 0.00	33.12 1.07 -0.62	31.72 0.98 -2.02	31.13 0.98 -1.30	32.47 1.01 -1.65	34.91 1.10 -2.50	40.80 1.21 -5.98	44.82 1.18 -10.01	44.03 1.38 -5.35	39.49 1.41 0.00	37.37 1.33 0.00	35.20 1.16 0.00	31.61 1.10 0.00	30.20 1.11 -0.01	29.32 1.06 -0.35	31.05 1.08 -3.08	33.04 1.24 0.00	38.30 1.49 -1.22	46.57 1.68 -4.79	51.52 1.89 -6.57	45.54 1.77 -2.63	37.22 1.47 -0.80	34.23 1.05 -7.03	32.72 1.12 -3.61
SHOREHAM_IC_1 23715	36.69 2.21 0.00	34.57 2.45 -0.69	33.27 2.30 -2.25	32.57 2.28 -1.45	34.38 2.74 -1.83	37.10 3.01 -2.78	43.69 3.43 -6.65	50.30 3.60 -13.07	48.02 4.14 -6.58	41.51 3.43 0.00	38.92 2.88 0.00	36.36 2.32 0.00	32.58 2.08 0.00	31.18 2.01 -0.09	30.48 2.09 -0.48	32.61 2.28 -3.43	33.68 1.88 0.00	39.51 2.56 -1.36	49.15 3.73 -5.33	53.82 3.45 -7.31	47.32 3.25 -2.93	38.98 3.15 -0.89	36.62 2.64 -7.83	34.61 2.60 -4.02
SHOREHAM_IC_2 23716	36.69 2.21 0.00	34.57 2.45 -0.69	33.27 2.30 -2.25	32.57 2.28 -1.45	34.38 2.74 -1.83	37.10 3.01 -2.78	43.69 3.43 -6.65	50.30 3.60 -13.07	48.02 4.14 -6.58	41.51 3.43 0.00	38.92 2.88 0.00	36.36 2.32 0.00	32.58 2.08 0.00	31.18 2.01 -0.09	30.48 2.09 -0.48	32.61 2.28 -3.43	33.68 1.88 0.00	39.51 2.56 -1.36	49.15 3.73 -5.33	53.82 3.45 -7.31	47.32 3.25 -2.93	38.98 3.15 -0.89	36.62 2.64 -7.83	34.61 2.60 -4.02
SISSONVILLE____ 23735	34.17 -0.31 0.00	31.19 -0.25 -0.01	28.62 -0.14 -0.04	28.70 -0.17 -0.03	29.63 -0.21 -0.03	31.14 -0.22 -0.05	33.40 -0.34 -0.12	33.46 -0.37 -0.20	37.00 -0.41 -0.11	37.63 -0.46 0.00	35.67 -0.36 0.00	33.71 -0.34 0.00	30.20 -0.31 0.00	28.74 -0.35 0.00	27.50 -0.42 -0.01	26.53 -0.43 -0.06	31.26 -0.54 0.00	35.01 -0.61 -0.02	39.55 -0.64 -0.10	42.50 -0.69 -0.13	40.54 -0.66 -0.05	34.48 -0.49 -0.02	25.95 -0.34 -0.14	27.62 -0.45 -0.07
SITHE_IND_GS1 24169	33.17 -1.31 0.00	30.29 -1.19 -0.06	27.76 -1.15 -0.18	27.81 -1.15 -0.12	28.76 -1.19 -0.15	30.32 -1.22 -0.23	32.88 -1.28 -0.54	33.26 -1.28 -0.91	36.37 -1.42 -0.49	36.64 -1.45 0.00	34.66 -1.37 0.00	32.85 -1.19 0.00	29.35 -1.16 0.00	27.95 -1.13 0.00	26.88 -1.06 -0.03	26.18 -0.99 -0.28	30.75 -1.05 0.00	34.35 -1.35 -0.11	39.04 -1.48 -0.43	42.02 -1.64 -0.60	39.86 -1.52 -0.24	33.66 -1.36 -0.07	25.80 -0.99 -0.64	27.20 -1.12 -0.33
SITHE_IND_GS2 24170	33.17 -1.31 0.00	30.29 -1.19 -0.06	27.76 -1.15 -0.18	27.81 -1.15 -0.12	28.76 -1.19 -0.15	30.32 -1.22 -0.23	32.88 -1.28 -0.54	33.26 -1.28 -0.91	36.37 -1.42 -0.49	36.64 -1.45 0.00	34.66 -1.37 0.00	32.85 -1.19 0.00	29.35 -1.16 0.00	27.95 -1.13 0.00	26.88 -1.06 -0.03	26.18 -0.99 -0.28	30.75 -1.05 0.00	34.35 -1.35 -0.11	39.04 -1.48 -0.43	42.02 -1.64 -0.60	39.86 -1.52 -0.24	33.66 -1.36 -0.07	25.80 -0.99 -0.64	27.20 -1.12 -0.33
SITHE_IND_GS3 24171	33.17 -1.31 0.00	30.29 -1.19 -0.06	27.76 -1.15 -0.18	27.81 -1.15 -0.12	28.76 -1.19 -0.15	30.32 -1.22 -0.23	32.88 -1.28 -0.54	33.26 -1.28 -0.91	36.37 -1.42 -0.49	36.64 -1.45 0.00	34.66 -1.37 0.00	32.85 -1.19 0.00	29.35 -1.16 0.00	27.95 -1.13 0.00	26.88 -1.06 -0.03	26.18 -0.99 -0.28	30.75 -1.05 0.00	34.35 -1.35 -0.11	39.04 -1.48 -0.43	42.02 -1.64 -0.60	39.86 -1.52 -0.24	33.66 -1.36 -0.07	25.80 -0.99 -0.64	27.20 -1.12 -0.33
SITHE_IND_GS4 24172	33.17 -1.31 0.00	30.29 -1.19 -0.06	27.76 -1.15 -0.18	27.81 -1.15 -0.12	28.76 -1.19 -0.15	30.32 -1.22 -0.23	32.88 -1.28 -0.54	33.26 -1.28 -0.91	36.37 -1.42 -0.49	36.64 -1.45 0.00	34.66 -1.37 0.00	32.85 -1.19 0.00	29.35 -1.16 0.00	27.95 -1.13 0.00	26.88 -1.06 -0.03	26.18 -0.99 -0.28	30.75 -1.05 0.00	34.35 -1.35 -0.11	39.04 -1.48 -0.43	42.02 -1.64 -0.60	39.86 -1.52 -0.24	33.66 -1.36 -0.07	25.80 -0.99 -0.64	27.20 -1.12 -0.33

SITHE___BATAVIA 24024	31.45 -2.90 0.13	28.89 -2.61 -0.07	26.27 -2.64 -0.19	26.35 -2.63 -0.13	27.16 -2.68 -0.03	28.62 -2.72 -0.03	30.78 -2.92 -0.09	27.63 -2.79 3.21	30.09 -3.25 3.96	30.17 -3.43 4.49	28.77 -2.99 4.27	27.70 -2.28 4.07	24.21 -2.59 3.70	22.92 -2.62 3.56	22.07 -2.43 3.41	21.91 -2.18 2.81	25.92 -2.13 3.76	28.64 -2.81 4.14	33.22 -2.77 4.10	35.23 -3.36 4.47	33.49 -3.04 4.60	28.15 -2.69 4.11	24.20 -2.07 -0.12	26.00 -2.32 -0.33
SITHE___INDEPEND 23800	33.13 -1.34 0.00	30.26 -1.23 -0.06	27.76 -1.15 -0.18	27.81 -1.15 -0.12	28.77 -1.19 -0.15	30.32 -1.22 -0.23	32.88 -1.28 -0.54	33.26 -1.28 -0.91	36.37 -1.42 -0.49	36.64 -1.45 0.00	34.66 -1.37 0.00	32.79 -1.26 0.00	29.35 -1.16 0.00	27.96 -1.13 0.00	26.88 -1.06 -0.03	26.15 -1.02 -0.28	30.66 -1.14 0.00	34.31 -1.39 -0.11	38.96 -1.56 -0.43	41.98 -1.68 -0.60	39.78 -1.60 -0.24	33.59 -1.43 -0.07	25.72 -1.07 -0.64	27.20 -1.12 -0.33
SITHE___MASSENA 23902	34.58 0.10 0.00	31.53 0.09 0.00	28.92 0.20 0.00	29.02 0.17 0.00	29.96 0.15 0.00	31.44 0.13 0.00	33.71 0.10 0.00	33.66 0.03 0.00	37.37 0.07 0.00	38.16 0.08 0.00	36.14 0.11 0.00	34.18 0.14 0.00	30.63 0.12 0.00	29.21 0.12 0.00	27.94 0.03 0.00	26.84 -0.05 0.00	31.71 -0.10 0.00	35.34 -0.25 0.00	39.81 -0.28 0.00	42.85 -0.21 0.00	40.90 -0.25 0.00	34.78 -0.17 0.00	26.07 -0.08 0.00	27.96 -0.03 0.00
SITHE___OGDNSBRG 24021	34.86 0.38 0.00	31.81 0.38 0.00	29.18 0.46 0.00	29.25 0.40 0.00	30.23 0.42 0.00	31.72 0.41 0.00	33.92 0.30 0.00	33.87 0.24 0.00	37.49 0.19 0.00	38.20 0.11 0.00	36.18 0.14 0.00	34.22 0.17 0.00	30.66 0.15 0.00	29.18 0.09 0.00	27.91 0.00 0.00	26.89 0.00 0.00	31.80 0.00 0.00	35.63 0.04 0.00	40.25 0.16 0.00	43.28 0.22 0.00	41.35 0.21 0.00	35.20 0.24 0.00	26.36 0.21 0.00	28.13 0.14 0.00
SITHE___STERLING 23777	34.89 0.42 0.00	31.86 0.38 -0.05	29.17 0.29 -0.16	29.24 0.29 -0.10	30.27 0.33 -0.13	31.85 0.35 -0.20	34.42 0.34 -0.47	34.81 0.41 -0.78	38.13 0.41 -0.42	38.43 0.34 0.00	36.32 0.29 0.00	34.25 0.21 0.00	30.66 0.15 0.00	29.18 0.09 0.00	28.02 0.08 -0.03	27.35 0.21 -0.24	32.19 0.38 0.00	36.15 0.46 -0.09	41.03 0.56 -0.37	44.30 0.73 -0.51	42.04 0.70 -0.20	35.57 0.56 -0.06	27.02 0.31 -0.55	28.52 0.25 -0.28
SLEIGHT__34_KV_TB1 80719	32.45 -2.00 0.03	29.69 -1.82 -0.08	27.19 -1.78 -0.25	27.25 -1.76 -0.16	28.20 -1.79 -0.18	29.76 -1.82 -0.27	32.43 -1.82 -0.64	32.33 -1.78 -0.48	35.12 -2.05 0.13	35.33 -1.98 0.77	33.42 -1.87 0.74	31.71 -1.63 0.70	28.25 -1.62 0.64	26.85 -1.63 0.61	25.85 -1.51 0.55	25.44 -1.29 0.17	29.82 -1.34 0.65	33.40 -1.60 0.59	38.19 -1.68 0.21	41.16 -1.81 0.09	38.85 -1.77 0.52	32.61 -1.71 0.63	25.49 -1.41 -0.75	26.89 -1.54 -0.43
SOUTH CAIRO___GT 23612	36.82 2.34 0.00	33.80 1.57 -0.79	32.74 1.41 -2.61	31.94 1.41 -1.68	33.39 1.46 -2.13	36.14 1.60 -3.23	42.97 1.65 -7.71	48.12 1.58 -12.91	45.84 1.64 -6.90	40.03 1.94 0.00	37.62 1.59 0.00	35.44 1.40 0.00	31.73 1.22 0.00	30.25 1.16 0.00	29.28 0.92 -0.44	31.65 0.78 -3.97	33.27 1.46 0.00	38.66 1.49 -1.57	48.28 2.00 -6.18	53.86 2.33 -8.47	46.80 2.26 -3.39	37.76 1.78 -1.03	36.43 1.20 -9.07	34.05 1.40 -4.66
SOUTH HAMPTN___IC 23720	37.07 2.59 0.00	34.85 2.73 -0.69	33.53 2.56 -2.25	32.83 2.54 -1.45	34.56 2.92 -1.83	37.29 3.20 -2.78	43.90 3.63 -6.65	50.50 3.80 -13.07	48.24 4.36 -6.58	41.86 3.77 0.00	39.35 3.31 0.00	36.74 2.69 0.00	32.89 2.38 0.00	31.47 2.30 -0.09	30.76 2.37 -0.48	32.88 2.56 -3.43	34.06 2.26 0.00	39.94 2.99 -1.36	49.23 3.81 -5.33	54.03 3.66 -7.31	47.48 3.41 -2.93	39.02 3.18 -0.89	36.54 2.56 -7.83	34.56 2.55 -4.02
SOUTHDOW_115KV_TB1 355954	30.52 -3.86 0.10	27.86 -3.65 -0.07	25.55 -3.36 -0.19	25.57 -3.40 -0.13	26.36 -3.52 -0.07	27.71 -3.69 -0.09	29.66 -4.17 -0.21	28.06 -3.70 1.87	30.68 -4.14 2.48	30.91 -4.23 2.95	29.19 -4.04 2.81	27.66 -3.71 2.67	24.63 -3.45 2.43	23.53 -3.23 2.33	22.56 -3.13 2.23	22.11 -3.01 1.77	25.84 -3.50 2.47	28.95 -3.95 2.69	33.22 -4.29 2.58	35.54 -4.74 2.78	33.86 -4.32 2.96	28.53 -3.74 2.68	23.58 -2.82 -0.26	25.12 -3.19 -0.32
SOUTHOLD_69_KV_BK 2 55809	37.51 3.03 0.00	34.88 2.77 -0.69	33.76 2.79 -2.25	33.18 2.89 -1.45	34.92 3.28 -1.83	37.66 3.57 -2.78	44.33 4.07 -6.65	50.94 4.24 -13.07	48.73 4.85 -6.58	41.82 3.73 0.00	39.31 3.28 0.00	37.18 3.13 0.00	33.13 2.62 0.00	31.74 2.56 -0.09	31.01 2.62 -0.48	33.07 2.74 -3.43	34.41 2.61 0.00	40.43 3.49 -1.36	49.43 4.01 -5.33	54.03 3.66 -7.31	47.97 3.91 -2.93	38.84 3.01 -0.89	36.46 2.48 -7.83	34.50 2.49 -4.02
SOUTHOLD___IC 23719	37.51 3.03 0.00	35.26 3.14 -0.69	33.87 2.90 -2.25	33.18 2.88 -1.45	34.92 3.28 -1.83	37.66 3.57 -2.78	44.33 4.07 -6.65	50.94 4.24 -13.07	48.73 4.85 -6.58	42.35 4.26 0.00	39.78 3.75 0.00	37.14 3.10 0.00	33.22 2.71 0.00	31.74 2.56 -0.09	31.01 2.62 -0.48	33.15 2.82 -3.43	34.31 2.51 0.00	40.29 3.34 -1.36	49.27 3.85 -5.33	54.03 3.66 -7.31	47.36 3.29 -2.93	38.84 3.01 -0.89	36.38 2.40 -7.83	34.50 2.49 -4.02
SOUTH_FORK_WT_PWR 323839	37.55 3.07 0.00	35.29 3.17 -0.69	33.93 2.96 -2.25	33.24 2.94 -1.45	34.98 3.34 -1.83	37.73 3.63 -2.78	44.40 4.13 -6.65	51.01 4.31 -13.07	48.77 4.88 -6.58	42.35 4.26 0.00	39.75 3.71 0.00	37.11 3.07 0.00	33.16 2.65 0.00	31.68 2.50 -0.09	30.93 2.54 -0.48	33.07 2.74 -3.43	34.19 2.39 0.00	40.15 3.20 -1.36	48.87 3.45 -5.33	53.47 3.10 -7.31	46.82 2.76 -2.93	38.39 2.55 -0.89	36.04 2.07 -7.83	34.22 2.21 -4.02
SPIERFLS_115KV_TB 1 80737	36.44 1.97 0.00	34.05 1.76 -0.86	33.16 1.61 -2.83	32.25 1.59 -1.82	33.75 1.64 -2.30	36.56 1.75 -3.50	43.85 1.88 -8.35	49.67 2.05 -13.99	46.94 2.16 -7.48	40.33 2.25 0.00	37.87 1.84 0.00	35.71 1.67 0.00	31.88 1.37 0.00	30.37 1.28 0.00	29.68 1.28 -0.48	32.43 1.24 -4.30	33.30 1.49 0.00	39.25 1.96 -1.70	49.15 2.37 -6.69	54.82 2.58 -9.18	47.24 2.43 -3.67	37.99 1.92 -1.11	37.42 1.44 -9.83	34.60 1.57 -5.05
ST LAWRENCE____ 23600	34.34 -0.14 0.00	31.31 -0.13 0.00	28.69 -0.03 0.00	28.82 -0.03 0.00	29.75 -0.06 0.00	31.22 -0.09 0.00	33.48 -0.13 0.00	33.43 -0.20 0.00	37.11 -0.19 0.00	37.90 -0.19 0.00	35.93 -0.11 0.00	33.94 -0.10 0.00	30.42 -0.09 0.00	28.97 -0.12 0.00	27.75 -0.17 0.00	26.65 -0.24 0.00	31.45 -0.35 0.00	35.13 -0.46 0.00	39.53 -0.56 0.00	42.50 -0.56 0.00	40.56 -0.58 0.00	34.50 -0.46 0.00	25.87 -0.29 0.00	27.77 -0.22 0.00
STATE_CA_115KV_115_LB 55624	35.96 1.48 0.00	33.59 1.32 -0.84	32.66 1.18 -2.76	31.80 1.18 -1.77	33.28 1.22 -2.25	36.01 1.28 -3.41	43.11 1.34 -8.15	48.66 1.38 -13.65	46.09 1.49 -7.30	39.65 1.56 0.00	37.44 1.41 0.00	35.34 1.29 0.00	31.70 1.19 0.00	30.25 1.16 0.00	29.50 1.12 -0.47	32.17 1.08 -4.20	33.11 1.30 0.00	38.78 1.53 -1.66	48.39 1.76 -6.53	53.87 1.85 -8.96	46.50 1.77 -3.59	37.54 1.50 -1.09	36.87 1.12 -9.59	34.12 1.20 -4.93

STATE_ST_34_KV_LOAD 55959	33.72 -0.79 -0.03	30.80 -0.75 -0.12	28.35 -0.78 -0.41	28.36 -0.75 -0.26	29.42 -0.75 -0.35	31.10 -0.75 -0.54	34.21 -0.71 -1.30	35.78 -0.67 -2.83	38.50 -0.75 -1.94	38.23 -0.72 -0.86	36.10 -0.76 -0.82	34.15 -0.68 -0.78	30.52 -0.70 -0.71	29.08 -0.70 -0.68	28.03 -0.61 -0.73	27.58 -0.54 -1.22	32.08 -0.45 -0.72	36.12 -0.53 -1.07	41.38 -0.56 -1.85	44.77 -0.60 -2.31	42.03 -0.58 -1.47	35.32 -0.59 -0.97	27.13 -0.55 -1.53	28.07 -0.64 -0.73
STATION_5_MISC_HYD 23604	31.96 -2.45 0.07	29.36 -2.14 -0.07	26.70 -2.21 -0.19	26.78 -2.19 -0.13	27.70 -2.21 -0.10	29.20 -2.25 -0.14	31.63 -2.32 -0.33	30.27 -2.29 1.07	33.00 -2.65 1.65	33.14 -2.78 2.16	31.59 -2.38 2.06	30.35 -1.74 1.96	26.71 -2.01 1.78	25.31 -2.06 1.71	24.42 -1.87 1.63	24.00 -1.69 1.20	28.37 -1.62 1.81	31.41 -2.24 1.94	36.06 -2.28 1.75	38.42 -2.80 1.84	36.46 -2.59 2.09	30.74 -2.27 1.94	24.85 -1.70 -0.40	26.42 -1.90 -0.34
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.96 -1.48 0.04	30.12 -1.38 -0.07	27.56 -1.38 -0.21	27.63 -1.36 -0.14	28.55 -1.40 -0.14	30.11 -1.41 -0.21	32.70 -1.41 -0.50	32.26 -1.35 0.02	35.19 -1.53 0.58	35.46 -1.49 1.14	33.55 -1.41 1.08	31.79 -1.23 1.03	28.32 -1.25 0.94	26.91 -1.28 0.90	25.90 -1.17 0.84	25.43 -1.00 0.47	29.87 -0.99 0.95	33.46 -1.17 0.95	38.27 -1.16 0.66	41.24 -1.21 0.62	38.95 -1.23 0.96	32.71 -1.26 0.98	25.67 -1.07 -0.59	27.16 -1.20 -0.38
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.88 -2.55 0.05	29.20 -2.29 -0.07	26.68 -2.24 -0.20	26.76 -2.22 -0.13	27.66 -2.27 -0.12	29.14 -2.35 -0.17	31.67 -2.35 -0.41	30.90 -2.35 0.38	33.70 -2.69 0.91	34.04 -2.63 1.41	32.27 -2.41 1.35	30.69 -2.08 1.28	27.27 -2.07 1.17	25.88 -2.09 1.12	24.93 -1.93 1.05	24.56 -1.64 0.69	28.84 -1.78 1.18	32.23 -2.14 1.23	36.86 -2.25 0.99	39.70 -2.37 1.00	37.51 -2.35 1.29	31.43 -2.27 1.25	24.83 -1.80 -0.49	26.37 -1.96 -0.34
STA_56___34_KV_BUS2 355983	31.88 -2.55 0.05	29.20 -2.29 -0.07	26.68 -2.24 -0.20	26.76 -2.22 -0.13	27.66 -2.27 -0.12	29.14 -2.35 -0.17	31.67 -2.35 -0.41	30.90 -2.35 0.38	33.70 -2.69 0.91	34.04 -2.63 1.41	32.27 -2.41 1.35	30.69 -2.08 1.28	27.27 -2.07 1.17	25.88 -2.09 1.12	24.93 -1.93 1.05	24.56 -1.64 0.69	28.84 -1.78 1.18	32.23 -2.14 1.23	36.86 -2.25 0.99	39.70 -2.37 1.00	37.51 -2.35 1.29	31.43 -2.27 1.25	24.83 -1.80 -0.49	26.37 -1.96 -0.34
STA_67___115KV_BK2 355882	31.86 -2.55 0.07	29.17 -2.33 -0.07	26.68 -2.24 -0.19	26.76 -2.22 -0.13	27.64 -2.27 -0.10	29.10 -2.35 -0.14	31.59 -2.35 -0.33	30.20 -2.35 1.08	32.91 -2.72 1.67	33.28 -2.63 2.18	31.55 -2.41 2.07	30.00 -2.08 1.97	26.64 -2.07 1.79	25.27 -2.09 1.72	24.35 -1.93 1.64	24.04 -1.64 1.21	28.20 -1.78 1.82	31.51 -2.14 1.95	36.09 -2.25 1.76	38.79 -2.41 1.86	36.65 -2.39 2.11	30.72 -2.27 1.96	24.74 -1.80 -0.40	26.37 -1.96 -0.34
STA_7___115KV_9TRANS 80674	32.07 -2.34 0.07	29.36 -2.14 -0.07	26.82 -2.10 -0.19	26.90 -2.08 -0.13	27.79 -2.12 -0.10	29.26 -2.19 -0.14	31.73 -2.22 -0.33	30.38 -2.19 1.07	33.11 -2.54 1.65	33.52 -2.40 2.16	31.78 -2.20 2.06	30.21 -1.87 1.96	26.83 -1.89 1.78	25.46 -1.92 1.71	24.53 -1.76 1.63	24.21 -1.48 1.21	28.43 -1.56 1.81	31.77 -1.89 1.94	36.38 -1.96 1.75	39.15 -2.07 1.84	36.95 -2.10 2.09	30.94 -2.06 1.94	24.90 -1.65 -0.40	26.51 -1.82 -0.34
STA_82___115KV_TB1 80780	31.88 -2.55 0.05	29.17 -2.33 -0.07	26.68 -2.24 -0.19	26.76 -2.22 -0.13	27.66 -2.27 -0.12	29.13 -2.35 -0.17	31.66 -2.35 -0.40	30.84 -2.35 0.43	33.61 -2.72 0.97	33.99 -2.63 1.47	32.22 -2.41 1.40	30.64 -2.08 1.33	27.22 -2.07 1.21	25.83 -2.09 1.16	24.89 -1.93 1.09	24.53 -1.64 0.73	28.80 -1.78 1.23	32.18 -2.14 1.28	36.80 -2.25 1.05	39.63 -2.37 1.06	37.45 -2.35 1.34	31.38 -2.27 1.29	24.82 -1.80 -0.48	26.37 -1.96 -0.34
STEEL___WIND 323596	30.53 -3.79 0.15	27.98 -3.52 -0.07	25.62 -3.30 -0.20	25.64 -3.35 -0.13	26.37 -3.46 -0.02	27.68 -3.63 0.00	29.66 -3.97 -0.02	26.04 -3.70 3.89	28.39 -4.21 4.70	28.51 -4.34 5.23	27.09 -3.96 4.98	25.94 -3.37 4.74	22.87 -3.32 4.31	21.75 -3.20 4.14	20.89 -3.04 3.98	20.75 -2.82 3.32	24.31 -3.12 4.38	27.05 -3.70 4.84	31.15 -4.09 4.85	33.19 -4.57 5.31	31.50 -4.24 5.40	26.51 -3.64 4.81	23.47 -2.72 -0.04	25.22 -3.11 -0.34
STEPHTWN_115KV_BK_2 55603	36.13 1.65 0.00	33.71 1.45 -0.83	32.77 1.32 -2.73	31.90 1.30 -1.75	33.37 1.34 -2.22	36.10 1.41 -3.38	43.16 1.48 -8.07	48.69 1.55 -13.51	46.20 1.68 -7.22	39.84 1.75 0.00	37.62 1.59 0.00	35.51 1.46 0.00	31.82 1.31 0.00	30.37 1.28 0.00	29.61 1.23 -0.46	32.23 1.18 -4.16	33.23 1.43 0.00	38.94 1.71 -1.64	48.52 1.96 -6.47	54.04 2.11 -8.87	46.71 2.02 -3.55	37.70 1.68 -1.08	36.90 1.26 -9.49	34.21 1.34 -4.87
STEUBEN_REC_LFGE 323667	31.72 -2.76 0.01	28.78 -2.64 0.02	26.11 -2.41 0.19	26.35 -2.39 0.10	27.28 -2.44 0.08	28.65 -2.50 0.15	30.49 -2.66 0.47	31.93 -2.52 -0.82	35.94 -2.95 -1.58	37.29 -3.08 -2.29	35.19 -3.03 -2.18	33.30 -2.83 -2.08	29.72 -2.68 -1.90	28.30 -2.62 -1.83	27.15 -2.48 -1.72	25.81 -2.29 -1.20	31.21 -2.51 -1.92	34.83 -2.78 -2.01	38.66 -3.13 -1.70	41.48 -3.32 -1.73	40.10 -3.17 -2.13	34.23 -2.76 -2.04	23.30 -2.28 0.57	24.99 -2.60 0.40
STILLWATER___SOLAR 323814	36.20 1.72 0.00	33.83 1.54 -0.86	32.94 1.41 -2.81	32.07 1.41 -1.81	33.56 1.46 -2.29	36.32 1.53 -3.48	43.57 1.65 -8.31	49.29 1.75 -13.91	46.57 1.83 -7.44	39.95 1.87 0.00	37.58 1.55 0.00	35.41 1.36 0.00	31.70 1.19 0.00	30.22 1.13 0.00	29.51 1.12 -0.48	32.28 1.10 -4.28	33.11 1.30 0.00	38.99 1.71 -1.69	48.83 2.08 -6.66	54.43 2.24 -9.13	46.93 2.14 -3.65	37.81 1.75 -1.11	37.24 1.31 -9.78	34.41 1.40 -5.02
STONY___BROOK 24151	36.86 2.38 0.00	34.44 2.33 -0.69	33.16 2.18 -2.25	32.43 2.13 -1.45	33.97 2.33 -1.83	36.66 2.57 -2.78	43.19 2.92 -6.65	49.79 3.09 -13.07	47.46 3.58 -6.58	41.40 3.31 0.00	39.13 3.10 0.00	36.63 2.59 0.00	32.82 2.32 0.00	31.45 2.27 -0.09	30.70 2.32 -0.48	32.77 2.45 -3.43	34.28 2.48 0.00	40.11 3.17 -1.36	49.11 3.69 -5.33	54.11 3.74 -7.31	47.69 3.62 -2.93	39.05 3.21 -0.89	36.38 2.40 -7.83	34.36 2.35 -4.02
STURGEON_POOL_HYD 23609	36.03 1.55 0.00	33.32 1.19 -0.70	32.11 1.09 -2.29	31.42 1.10 -1.47	32.81 1.13 -1.87	35.40 1.25 -2.83	41.73 1.34 -6.77	46.28 1.31 -11.34	44.93 1.57 -6.06	39.87 1.79 0.00	37.73 1.69 0.00	35.54 1.50 0.00	31.91 1.40 0.00	30.49 1.40 0.00	29.56 1.26 -0.39	31.57 1.18 -3.49	33.33 1.53 0.00	38.64 1.67 -1.38	47.40 1.88 -5.43	52.66 2.15 -7.44	46.14 2.02 -2.98	37.50 1.64 -0.90	35.27 1.15 -7.97	33.31 1.23 -4.09
ST_LAW_115_BK7_LBMP 345037	34.34 -0.14 0.00	31.31 -0.13 0.00	28.72 0.00 0.00	28.82 -0.03 0.00	29.75 -0.06 0.00	31.22 -0.09 0.00	33.48 -0.13 0.00	33.43 -0.20 0.00	37.11 -0.19 0.00	37.90 -0.19 0.00	35.89 -0.14 0.00	33.94 -0.10 0.00	30.42 -0.09 0.00	28.97 -0.12 0.00	27.75 -0.17 0.00	26.65 -0.24 0.00	31.45 -0.35 0.00	35.13 -0.46 0.00	39.53 -0.56 0.00	42.50 -0.56 0.00	40.56 -0.58 0.00	34.50 -0.46 0.00	25.87 -0.29 0.00	27.77 -0.22 0.00

ST_LAW_115_BK8_LBMP 345038	34.34 -0.14 0.00	31.31 -0.13 0.00	28.72 0.00 0.00	28.82 -0.03 0.00	29.75 -0.06 0.00	31.22 -0.09 0.00	33.48 -0.13 0.00	33.43 -0.20 0.00	37.11 -0.19 0.00	37.90 -0.19 0.00	35.89 -0.14 0.00	33.94 -0.10 0.00	30.42 -0.09 0.00	28.97 -0.12 0.00	27.75 -0.17 0.00	26.65 -0.24 0.00	31.45 -0.35 0.00	35.13 -0.46 0.00	39.53 -0.56 0.00	42.50 -0.56 0.00	40.56 -0.58 0.00	34.50 -0.46 0.00	25.87 -0.29 0.00	27.77 -0.22 0.00
ST_LAW_230_BK5_LBMP 345035	34.34 -0.14 0.00	31.31 -0.13 0.00	28.69 -0.03 0.00	28.82 -0.03 0.00	29.75 -0.06 0.00	31.22 -0.09 0.00	33.48 -0.13 0.00	33.43 -0.20 0.00	37.11 -0.19 0.00	37.90 -0.19 0.00	35.93 -0.11 0.00	33.94 -0.10 0.00	30.42 -0.09 0.00	28.97 -0.12 0.00	27.75 -0.17 0.00	26.65 -0.24 0.00	31.45 -0.35 0.00	35.13 -0.46 0.00	39.53 -0.56 0.00	42.50 -0.56 0.00	40.56 -0.58 0.00	34.50 -0.46 0.00	25.87 -0.29 0.00	27.77 -0.22 0.00
ST_LAW_230_BK6_LBMP 345036	34.34 -0.14 0.00	31.31 -0.13 0.00	28.69 -0.03 0.00	28.82 -0.03 0.00	29.75 -0.06 0.00	31.22 -0.09 0.00	33.48 -0.13 0.00	33.43 -0.20 0.00	37.11 -0.19 0.00	37.90 -0.19 0.00	35.93 -0.11 0.00	33.94 -0.10 0.00	30.42 -0.09 0.00	28.97 -0.12 0.00	27.75 -0.17 0.00	26.65 -0.24 0.00	31.45 -0.35 0.00	35.13 -0.46 0.00	39.53 -0.56 0.00	42.50 -0.56 0.00	40.56 -0.58 0.00	34.50 -0.46 0.00	25.87 -0.29 0.00	27.77 -0.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.79 1.31 0.00	33.26 1.19 -0.63	31.89 1.09 -2.08	31.28 1.10 -1.34	32.64 1.13 -1.70	35.11 1.22 -2.57	41.14 1.38 -6.15	45.27 1.35 -10.30	44.41 1.60 -5.51	39.72 1.64 0.00	37.58 1.55 0.00	35.41 1.36 0.00	31.79 1.28 0.00	30.38 1.28 -0.01	29.50 1.23 -0.36	31.30 1.24 -3.17	33.20 1.40 0.00	38.55 1.71 -1.25	46.90 1.88 -4.93	51.97 2.15 -6.76	45.86 2.02 -2.70	37.41 1.64 -0.82	34.56 1.18 -7.24	32.96 1.26 -3.71
SWANROAD_115KV_TB1 355699	29.62 -4.69 0.17	27.20 -4.31 -0.07	24.90 -4.02 -0.19	24.94 -4.04 -0.13	25.66 -4.14 0.00	26.90 -4.38 0.03	28.96 -4.61 0.05	24.61 -4.57 4.44	26.74 -5.26 5.30	26.99 -5.26 5.84	25.61 -4.86 5.56	24.50 -4.26 5.29	21.61 -4.09 4.81	20.45 -4.01 4.62	19.73 -3.74 4.44	19.80 -3.36 3.74	23.10 -3.82 4.88	25.76 -4.41 5.42	29.74 -4.89 5.46	31.69 -5.38 5.99	29.98 -5.10 6.06	25.00 -4.58 5.37	22.69 -3.43 0.04	24.60 -3.72 -0.33
SYNERGY___BIOGAS 323694	31.45 -2.90 0.13	28.89 -2.61 -0.07	26.27 -2.64 -0.19	26.35 -2.63 -0.13	27.16 -2.68 -0.03	28.62 -2.72 -0.03	30.78 -2.92 -0.09	27.63 -2.79 3.21	30.09 -3.25 3.96	30.17 -3.43 4.49	28.77 -2.99 4.27	27.70 -2.28 4.07	24.21 -2.59 3.70	22.92 -2.62 3.56	22.07 -2.43 3.41	21.91 -2.18 2.81	25.92 -2.13 3.76	28.64 -2.81 4.14	33.22 -2.77 4.10	35.23 -3.36 4.47	33.49 -3.04 4.60	28.15 -2.69 4.11	24.20 -2.07 -0.12	26.00 -2.32 -0.33
SYRACUSE___ENERGY_ST1 323597	33.76 -0.72 0.00	30.82 -0.69 -0.08	28.31 -0.69 -0.27	28.36 -0.66 -0.18	29.35 -0.69 -0.22	30.96 -0.69 -0.34	33.75 -0.67 -0.81	34.34 -0.64 -1.35	37.28 -0.75 -0.72	37.36 -0.72 0.00	35.31 -0.72 0.00	33.40 -0.65 0.00	29.87 -0.64 0.00	28.45 -0.64 0.00	27.37 -0.59 -0.05	26.80 -0.51 -0.42	31.33 -0.48 0.00	35.11 -0.64 -0.16	40.06 -0.68 -0.65	43.22 -0.73 -0.89	40.80 -0.70 -0.35	34.39 -0.66 -0.11	26.55 -0.55 -0.95	27.86 -0.62 -0.49
SYRACUSE___ENERGY_ST2 323598	33.76 -0.72 0.00	30.82 -0.69 -0.08	28.31 -0.69 -0.27	28.36 -0.66 -0.18	29.35 -0.69 -0.22	30.96 -0.69 -0.34	33.75 -0.67 -0.81	34.34 -0.64 -1.35	37.28 -0.75 -0.72	37.36 -0.72 0.00	35.31 -0.72 0.00	33.40 -0.65 0.00	29.87 -0.64 0.00	28.45 -0.64 0.00	27.37 -0.59 -0.05	26.80 -0.51 -0.42	31.33 -0.48 0.00	35.11 -0.64 -0.16	40.06 -0.68 -0.65	43.22 -0.73 -0.89	40.80 -0.70 -0.35	34.39 -0.66 -0.11	26.55 -0.55 -0.95	27.86 -0.62 -0.49
SYRACUSE___POWER 24017	33.67 -0.83 -0.02	30.78 -0.75 -0.10	28.31 -0.75 -0.33	28.31 -0.75 -0.21	29.35 -0.75 -0.29	30.97 -0.78 -0.44	33.89 -0.77 -1.05	35.09 -0.74 -2.20	37.91 -0.86 -1.47	37.83 -0.84 -0.58	35.76 -0.83 -0.55	33.82 -0.75 -0.52	30.25 -0.73 -0.48	28.82 -0.73 -0.46	27.77 -0.64 -0.50	27.21 -0.59 -0.91	31.71 -0.57 -0.48	35.63 -0.71 -0.75	40.71 -0.76 -1.38	43.95 -0.86 -1.75	41.42 -0.78 -1.06	34.89 -0.73 -0.67	26.79 -0.60 -1.24	27.92 -0.67 -0.60
TALLMAN___138KV_BK151 55660	35.93 1.45 0.00	33.43 1.35 -0.65	32.10 1.24 -2.14	31.46 1.24 -1.37	32.83 1.28 -1.74	35.33 1.38 -2.64	41.48 1.55 -6.32	45.76 1.55 -10.58	44.78 1.83 -5.66	39.99 1.90 0.00	37.84 1.80 0.00	35.65 1.60 0.00	32.00 1.49 0.00	30.58 1.48 -0.01	29.74 1.45 -0.38	31.60 1.45 -3.26	33.46 1.65 0.00	38.87 1.99 -1.29	47.32 2.16 -5.06	52.46 2.45 -6.94	46.18 2.26 -2.78	37.65 1.85 -0.84	34.95 1.36 -7.44	33.23 1.43 -3.82
TEALLAVE_115KV_TB7 355573	33.55 -0.93 0.00	30.63 -0.88 -0.07	28.10 -0.86 -0.24	28.17 -0.84 -0.16	29.14 -0.86 -0.20	30.74 -0.88 -0.30	33.46 -0.87 -0.72	33.96 -0.87 -1.21	36.97 -0.97 -0.64	37.13 -0.95 0.00	35.10 -0.94 0.00	33.19 -0.85 0.00	29.68 -0.82 0.00	28.28 -0.81 0.00	27.23 -0.73 -0.04	26.59 -0.67 -0.37	31.13 -0.67 0.00	34.88 -0.85 -0.15	39.75 -0.92 -0.58	42.86 -0.99 -0.79	40.51 -0.95 -0.32	34.17 -0.87 -0.10	26.29 -0.71 -0.85	27.67 -0.76 -0.43
TELGRAPH_34_KV_EAST 80808	30.53 -3.79 0.15	28.01 -3.49 -0.07	25.61 -3.30 -0.19	25.66 -3.32 -0.13	26.42 -3.40 -0.01	27.76 -3.54 0.01	29.91 -3.70 0.01	25.95 -3.63 4.04	28.22 -4.21 4.87	28.54 -4.15 5.40	27.04 -3.86 5.14	25.79 -3.37 4.89	22.76 -3.29 4.45	21.55 -3.26 4.28	20.76 -3.04 4.11	20.80 -2.66 3.43	24.30 -2.99 4.52	27.14 -3.45 5.00	31.34 -3.73 5.02	33.52 -4.05 5.50	31.69 -3.87 5.59	26.42 -3.57 4.96	23.42 -2.75 -0.01	25.30 -3.02 -0.33
TEMPLE___115KV_TB 2 55572	33.55 -0.93 0.00	30.66 -0.85 -0.08	28.14 -0.83 -0.25	28.17 -0.84 -0.16	29.17 -0.83 -0.20	30.74 -0.88 -0.30	33.47 -0.87 -0.73	34.01 -0.84 -1.22	36.98 -0.97 -0.65	37.13 -0.95 0.00	35.13 -0.90 0.00	33.23 -0.82 0.00	29.71 -0.79 0.00	28.30 -0.79 0.00	27.23 -0.73 -0.04	26.62 -0.65 -0.38	31.17 -0.64 0.00	34.92 -0.82 -0.15	39.75 -0.92 -0.58	42.87 -0.99 -0.80	40.52 -0.95 -0.32	34.17 -0.87 -0.10	26.30 -0.71 -0.86	27.67 -0.76 -0.44
TIANA____69_KV_BK 1 55817	37.00 2.52 0.00	34.38 2.26 -0.69	33.33 2.36 -2.25	32.75 2.45 -1.45	34.47 2.83 -1.83	37.16 3.07 -2.78	43.79 3.53 -6.65	50.40 3.70 -13.07	48.13 4.25 -6.58	41.25 3.16 0.00	38.77 2.74 0.00	36.70 2.66 0.00	32.76 2.26 0.00	31.45 2.27 -0.09	30.71 2.32 -0.48	32.77 2.45 -3.43	34.12 2.32 0.00	40.08 3.13 -1.36	49.43 4.01 -5.33	54.07 3.70 -7.31	48.14 4.07 -2.93	39.05 3.22 -0.89	36.65 2.67 -7.83	34.61 2.60 -4.02
TILDEN___115KV_TB1 80814	33.67 -0.83 -0.02	30.78 -0.75 -0.10	28.31 -0.75 -0.33	28.31 -0.75 -0.21	29.35 -0.75 -0.29	30.97 -0.78 -0.44	33.89 -0.77 -1.05	35.09 -0.74 -2.20	37.91 -0.86 -1.47	37.83 -0.84 -0.58	35.76 -0.83 -0.55	33.82 -0.75 -0.52	30.25 -0.73 -0.48	28.82 -0.73 -0.46	27.77 -0.64 -0.50	27.21 -0.59 -0.91	31.71 -0.57 -0.48	35.63 -0.71 -0.75	40.71 -0.76 -1.38	43.95 -0.86 -1.75	41.42 -0.78 -1.06	34.89 -0.73 -0.67	26.79 -0.60 -1.24	27.92 -0.67 -0.60

TRIGEN___CC 323695	36.51 2.03 0.00	33.97 1.85 -0.69	32.67 1.69 -2.25	32.03 1.73 -1.45	33.46 1.82 -1.83	36.07 1.97 -2.78	42.52 2.25 -6.65	49.02 2.32 -13.07	46.64 2.76 -6.58	40.71 2.63 0.00	38.59 2.56 0.00	36.33 2.28 0.00	32.52 2.01 0.00	31.21 2.04 -0.09	30.40 2.01 -0.48	32.37 2.04 -3.43	34.09 2.29 0.00	39.76 2.81 -1.36	48.47 3.05 -5.33	53.60 3.23 -7.31	47.28 3.21 -2.93	38.49 2.66 -0.89	35.97 1.99 -7.83	33.94 1.93 -4.02
TRINITY___115KV___4 BK 55933	35.86 1.38 0.00	33.52 1.26 -0.83	32.58 1.12 -2.74	31.73 1.13 -1.76	33.20 1.16 -2.23	35.89 1.19 -3.38	42.98 1.28 -8.08	48.45 1.28 -13.54	45.96 1.42 -7.24	39.53 1.45 0.00	37.30 1.26 0.00	35.24 1.19 0.00	31.61 1.10 0.00	30.17 1.08 0.00	29.41 1.03 -0.47	32.05 1.00 -4.16	33.01 1.21 0.00	38.66 1.42 -1.65	48.21 1.64 -6.48	53.67 1.72 -8.88	46.34 1.65 -3.56	37.43 1.40 -1.08	36.71 1.05 -9.51	34.02 1.15 -4.88
UNION___PROCESSING_DRP 323587	31.88 -2.55 0.05	29.20 -2.29 -0.07	26.68 -2.24 -0.19	26.76 -2.22 -0.13	27.66 -2.27 -0.12	29.13 -2.35 -0.17	31.66 -2.35 -0.40	30.84 -2.35 0.43	33.61 -2.72 0.97	33.99 -2.63 1.47	32.22 -2.41 1.40	30.64 -2.08 1.33	27.22 -2.07 1.21	25.83 -2.09 1.16	24.89 -1.93 1.09	24.53 -1.64 0.73	28.79 -1.78 1.23	32.21 -2.10 1.28	36.80 -2.25 1.05	39.63 -2.37 1.06	37.45 -2.35 1.34	31.38 -2.27 1.30	24.82 -1.80 -0.48	26.37 -1.96 -0.34
UPPER HUDSON___HYD 24058	36.41 1.93 0.00	34.05 1.76 -0.86	33.13 1.58 -2.83	32.25 1.59 -1.82	33.75 1.64 -2.30	36.56 1.75 -3.50	43.85 1.88 -8.35	49.67 2.05 -13.99	46.94 2.16 -7.48	40.37 2.28 0.00	37.87 1.84 0.00	35.71 1.67 0.00	31.88 1.37 0.00	30.37 1.28 0.00	29.68 1.28 -0.48	32.43 1.24 -4.30	33.27 1.46 0.00	39.21 1.92 -1.70	49.15 2.36 -6.69	54.82 2.58 -9.18	47.24 2.43 -3.67	37.99 1.92 -1.11	37.42 1.44 -9.83	34.63 1.59 -5.05
UPPER RAQUET___HYD 24056	34.17 -0.31 0.00	31.16 -0.28 -0.01	28.62 -0.14 -0.04	28.70 -0.17 -0.03	29.63 -0.21 -0.03	31.11 -0.25 -0.05	33.40 -0.34 -0.12	33.46 -0.37 -0.20	37.00 -0.41 -0.11	37.63 -0.46 0.00	35.67 -0.36 0.00	33.67 -0.37 0.00	30.20 -0.31 0.00	28.74 -0.35 0.00	27.50 -0.42 -0.01	26.47 -0.48 -0.06	31.23 -0.57 0.00	34.87 -0.75 -0.02	39.39 -0.80 -0.10	42.46 -0.73 -0.13	40.45 -0.74 -0.05	34.37 -0.59 -0.02	25.85 -0.44 -0.14	27.61 -0.45 -0.07
VALLEY44_115KV_TB2 355964	31.17 -3.21 0.11	28.33 -3.17 -0.07	26.04 -2.87 -0.19	26.07 -2.91 -0.13	26.84 -3.04 -0.07	28.23 -3.16 -0.08	30.00 -3.80 -0.19	28.24 -3.33 2.06	30.96 -3.66 2.68	31.08 -3.85 3.15	29.28 -3.75 3.00	27.58 -3.61 2.86	24.67 -3.23 2.60	23.68 -2.91 2.50	22.65 -2.88 2.39	22.08 -2.90 1.91	25.76 -3.40 2.64	28.93 -3.77 2.88	33.09 -4.21 2.79	35.44 -4.61 3.02	33.76 -4.20 3.19	28.65 -3.43 2.87	23.87 -2.51 -0.23	25.40 -2.91 -0.32
VALLEY___115KV_TB 1-4 80826	34.79 0.31 0.00	31.68 0.25 0.00	28.92 0.20 0.00	29.05 0.20 0.00	30.02 0.21 0.00	31.53 0.22 0.00	33.78 0.17 0.00	33.83 0.20 0.00	37.56 0.26 0.00	38.39 0.30 0.00	36.39 0.36 0.00	34.35 0.31 0.00	30.78 0.27 0.00	29.32 0.23 0.00	28.14 0.22 0.00	27.11 0.22 0.00	32.06 0.25 0.00	35.88 0.28 0.00	40.41 0.32 0.00	43.41 0.34 0.00	41.47 0.33 0.00	35.23 0.28 0.00	26.31 0.16 0.00	28.16 0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.75 1.28 0.00	32.89 1.16 -0.30	30.71 1.01 -0.98	30.52 1.04 -0.63	31.68 1.07 -0.80	33.68 1.16 -1.21	37.69 1.18 -2.90	39.79 1.31 -4.85	41.39 1.49 -2.59	39.53 1.45 0.00	37.40 1.37 0.00	35.20 1.16 0.00	31.57 1.07 0.00	30.08 0.99 0.00	29.03 0.95 -0.17	29.38 1.00 -1.49	33.07 1.27 0.00	37.75 1.57 -0.59	44.30 1.88 -2.32	48.23 1.98 -3.18	44.31 1.89 -1.27	36.91 1.57 -0.39	30.61 1.05 -3.41	30.80 1.06 -1.75
VISCHER___FERRY HYD 24020	35.96 1.48 0.00	33.63 1.35 -0.84	32.73 1.23 -2.77	31.87 1.24 -1.78	33.35 1.28 -2.26	36.05 1.31 -3.42	43.21 1.41 -8.18	48.78 1.45 -13.70	46.16 1.53 -7.33	39.65 1.56 0.00	37.37 1.33 0.00	35.27 1.22 0.00	31.60 1.10 0.00	30.17 1.08 0.00	29.44 1.06 -0.47	32.16 1.05 -4.22	33.01 1.21 0.00	38.79 1.53 -1.67	48.41 1.76 -6.56	53.90 1.85 -8.99	46.51 1.77 -3.60	37.58 1.54 -1.09	36.93 1.15 -9.63	34.16 1.23 -4.94
V_A_10_SYNC_DSASP 323832	30.66 -3.69 0.13	28.29 -3.21 -0.07	25.70 -3.22 -0.20	25.78 -3.20 -0.13	26.60 -3.25 -0.04	27.97 -3.38 -0.04	30.26 -3.46 -0.11	27.09 -3.46 3.08	29.40 -4.06 3.83	29.46 -4.26 4.36	28.20 -3.68 4.16	27.33 -2.76 3.95	23.83 -3.08 3.60	22.55 -3.08 3.46	21.75 -2.85 3.32	21.59 -2.58 2.72	25.48 -2.67 3.65	28.05 -3.52 4.02	32.35 -3.77 3.97	34.26 -4.48 4.32	32.48 -4.20 4.47	27.42 -3.53 4.00	23.68 -2.61 -0.14	25.50 -2.83 -0.34
V_CMM_10_SYNC_DSASP 323787	34.48 0.00 0.00	31.43 0.00 0.00	28.84 0.12 0.00	28.94 0.09 0.00	29.87 0.06 0.00	31.34 0.03 0.00	33.58 -0.03 0.00	33.56 -0.07 0.00	37.26 -0.04 0.00	38.05 -0.04 0.00	36.07 0.04 0.00	34.08 0.03 0.00	30.54 0.03 0.00	29.12 0.03 0.00	27.86 -0.06 0.00	26.76 -0.13 0.00	31.61 -0.19 0.00	35.27 -0.32 0.00	39.69 -0.40 0.00	42.67 -0.39 0.00	40.73 -0.41 0.00	34.67 -0.28 0.00	26.00 -0.16 0.00	27.88 -0.11 0.00
V_CMP_10_SYNC_DSASP 323788	34.72 0.24 0.00	31.56 0.13 0.00	28.98 0.26 0.00	29.11 0.26 0.00	30.08 0.27 0.00	31.53 0.22 0.00	33.71 0.10 0.00	33.66 0.03 0.00	37.45 0.15 0.00	38.47 0.38 0.00	36.54 0.50 0.00	34.56 0.51 0.00	30.87 0.37 0.00	29.27 0.18 0.00	27.77 -0.14 0.00	26.52 -0.38 0.00	31.26 -0.54 0.00	34.70 -0.89 0.00	38.89 -1.20 0.00	41.86 -1.21 0.00	39.78 -1.36 0.00	33.69 -1.26 0.00	25.21 -0.94 0.00	27.07 -0.92 0.00
V_D_10_SYNC_DSASP 323841	34.58 0.10 0.00	31.53 0.09 0.00	28.92 0.20 0.00	29.02 0.17 0.00	29.96 0.15 0.00	31.44 0.13 0.00	33.71 0.10 0.00	33.66 0.03 0.00	37.37 0.07 0.00	38.16 0.08 0.00	36.14 0.11 0.00	34.18 0.14 0.00	30.66 0.15 0.00	29.21 0.12 0.00	27.94 0.03 0.00	26.84 -0.05 0.00	31.71 -0.10 0.00	35.34 -0.25 0.00	39.81 -0.28 0.00	42.85 -0.21 0.00	40.90 -0.25 0.00	34.78 -0.17 0.00	26.07 -0.08 0.00	27.96 -0.03 0.00
V_E_10_SYNC_DSASP 323830	35.42 0.79 -0.15	32.39 0.66 -0.30	30.26 0.49 -1.05	30.03 0.52 -0.66	31.35 0.56 -0.98	33.48 0.66 -1.51	37.77 0.54 -3.62	43.93 0.81 -9.49	45.37 0.71 -7.36	43.11 0.46 -4.56	40.74 0.36 -4.34	38.28 0.10 -4.13	34.24 -0.03 -3.76	32.56 -0.14 -3.61	31.42 -0.17 -3.68	31.82 0.16 -4.77	36.19 0.57 -3.82	41.38 0.82 -4.97	48.33 1.08 -7.15	53.03 1.34 -8.64	48.82 1.36 -6.32	40.68 1.05 -4.68	30.89 0.50 -4.25	30.25 0.36 -1.89
V_F_30_NSYNC___DSASP 323816	36.20 1.72 0.00	33.86 1.57 -0.86	32.95 1.41 -2.82	32.07 1.41 -1.81	33.56 1.46 -2.30	36.33 1.53 -3.49	43.59 1.65 -8.33	49.32 1.75 -13.95	46.58 1.83 -7.46	39.99 1.90 0.00	37.62 1.58 0.00	35.48 1.43 0.00	31.76 1.25 0.00	30.28 1.19 0.00	29.56 1.17 -0.48	32.34 1.16 -4.29	33.17 1.37 0.00	39.03 1.74 -1.70	48.89 2.12 -6.67	54.49 2.28 -9.15	46.94 2.14 -3.66	37.81 1.75 -1.11	37.29 1.33 -9.80	34.45 1.43 -5.03

V_F_30_SYNC_DSASP 323786	35.96 1.48 0.00	33.59 1.32 -0.84	32.66 1.18 -2.76	31.80 1.18 -1.77	33.28 1.22 -2.25	36.01 1.28 -3.41	43.10 1.34 -8.15	48.65 1.38 -13.64	46.09 1.49 -7.29	39.65 1.56 0.00	37.44 1.41 0.00	35.34 1.29 0.00	31.70 1.19 0.00	30.25 1.16 0.00	29.50 1.12 -0.47	32.17 1.08 -4.20	33.11 1.30 0.00	38.78 1.53 -1.66	48.39 1.76 -6.53	53.87 1.85 -8.95	46.49 1.77 -3.58	37.54 1.50 -1.09	36.86 1.12 -9.59	34.12 1.20 -4.92
V_XM_10_SYNC_DSASP 323789	34.72 0.24 0.00	31.56 0.13 0.00	28.98 0.26 0.00	29.11 0.26 0.00	30.08 0.27 0.00	31.53 0.22 0.00	33.71 0.10 0.00	33.66 0.03 0.00	37.45 0.15 0.00	38.47 0.38 0.00	36.54 0.50 0.00	34.56 0.51 0.00	30.87 0.37 0.00	29.27 0.18 0.00	27.77 -0.14 0.00	26.52 -0.38 0.00	31.26 -0.54 0.00	34.70 -0.89 0.00	38.89 -1.20 0.00	41.86 -1.21 0.00	39.78 -1.36 0.00	33.69 -1.26 0.00	25.21 -0.94 0.00	27.07 -0.92 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.07 1.59 0.00	33.57 1.48 -0.66	32.20 1.32 -2.16	31.56 1.33 -1.39	32.94 1.37 -1.76	35.45 1.47 -2.67	41.64 1.65 -6.38	45.95 1.65 -10.68	44.98 1.98 -5.71	40.10 2.02 0.00	37.94 1.91 0.00	35.75 1.70 0.00	32.09 1.59 0.00	30.67 1.57 -0.01	29.83 1.54 -0.38	31.71 1.53 -3.29	33.55 1.75 0.00	38.99 2.10 -1.30	47.53 2.33 -5.11	52.65 2.58 -7.01	46.37 2.43 -2.80	37.79 1.99 -0.85	35.09 1.44 -7.50	33.35 1.51 -3.85
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.41 1.93 0.00	33.91 1.79 -0.69	32.58 1.61 -2.25	31.91 1.62 -1.45	33.31 1.67 -1.83	35.88 1.78 -2.78	42.25 1.98 -6.65	46.79 2.02 -11.14	45.72 2.46 -5.96	40.64 2.55 0.00	38.48 2.45 0.00	36.22 2.18 0.00	32.55 2.04 0.00	32.12 2.04 -0.99	31.31 1.95 -1.44	32.27 1.94 -3.44	34.03 2.23 0.00	39.58 2.63 -1.36	48.31 2.89 -5.33	53.56 3.19 -7.31	47.03 2.96 -2.93	38.25 2.41 -0.89	35.73 1.75 -7.83	33.88 1.88 -4.02
W50THST__13_KV_LOAD 356117	36.51 2.03 0.00	34.03 1.92 -0.69	32.64 1.67 -2.25	32.00 1.70 -1.45	33.40 1.76 -1.83	35.97 1.88 -2.78	42.35 2.08 -6.65	46.89 2.12 -11.14	45.83 2.57 -5.96	40.75 2.67 0.00	38.59 2.56 0.00	36.33 2.28 0.00	32.67 2.17 0.00	32.26 2.18 -0.99	31.42 2.07 -1.44	32.41 2.07 -3.44	34.16 2.35 0.00	39.72 2.78 -1.36	48.43 3.01 -5.33	53.73 3.36 -7.31	47.15 3.09 -2.93	38.32 2.48 -0.89	35.81 1.83 -7.83	33.97 1.96 -4.02
WADING RIVER_IC_1 23522	36.65 2.17 0.00	34.60 2.48 -0.69	33.30 2.33 -2.25	32.57 2.28 -1.45	34.48 2.83 -1.83	37.17 3.07 -2.78	43.79 3.53 -6.65	50.40 3.70 -13.07	48.09 4.21 -6.58	41.55 3.47 0.00	38.88 2.85 0.00	36.33 2.28 0.00	32.55 2.04 0.00	31.16 1.98 -0.09	30.45 2.07 -0.48	32.59 2.26 -3.43	33.55 1.75 0.00	39.40 2.45 -1.36	49.15 3.73 -5.33	53.77 3.40 -7.31	47.23 3.17 -2.93	38.98 3.15 -0.89	36.65 2.67 -7.83	34.64 2.63 -4.02
WADING RIVER_IC_2 23547	36.65 2.17 0.00	34.60 2.48 -0.69	33.30 2.33 -2.25	32.57 2.28 -1.45	34.48 2.83 -1.83	37.17 3.07 -2.78	43.79 3.53 -6.65	50.40 3.70 -13.07	48.09 4.21 -6.58	41.55 3.47 0.00	38.88 2.85 0.00	36.33 2.28 0.00	32.55 2.04 0.00	31.16 1.98 -0.09	30.45 2.07 -0.48	32.59 2.26 -3.43	33.55 1.75 0.00	39.40 2.45 -1.36	49.15 3.73 -5.33	53.77 3.40 -7.31	47.23 3.17 -2.93	38.98 3.15 -0.89	36.65 2.67 -7.83	34.64 2.63 -4.02
WADING RIVER_IC_3 23601	36.65 2.17 0.00	34.60 2.48 -0.69	33.30 2.33 -2.25	32.57 2.28 -1.45	34.48 2.83 -1.83	37.17 3.07 -2.78	43.79 3.53 -6.65	50.40 3.70 -13.07	48.09 4.21 -6.58	41.55 3.47 0.00	38.88 2.85 0.00	36.33 2.28 0.00	32.55 2.04 0.00	31.16 1.98 -0.09	30.45 2.07 -0.48	32.59 2.26 -3.43	33.55 1.75 0.00	39.40 2.45 -1.36	49.15 3.73 -5.33	53.77 3.40 -7.31	47.23 3.17 -2.93	38.98 3.15 -0.89	36.65 2.67 -7.83	34.64 2.63 -4.02
WALDENNY_12_KV_BK2 80841	30.53 -3.79 0.15	27.95 -3.55 -0.07	25.62 -3.30 -0.20	25.64 -3.35 -0.13	26.36 -3.46 -0.01	27.68 -3.63 0.00	29.66 -3.97 -0.01	25.99 -3.70 3.94	28.33 -4.21 4.76	28.56 -4.23 5.29	27.03 -3.96 5.04	25.74 -3.51 4.80	22.82 -3.33 4.37	21.70 -3.20 4.19	20.84 -3.04 4.03	20.76 -2.77 3.36	24.22 -3.15 4.43	27.02 -3.67 4.90	31.13 -4.05 4.91	33.25 -4.44 5.38	31.51 -4.16 5.47	26.42 -3.67 4.86	23.41 -2.77 -0.03	25.22 -3.11 -0.34
WALDEN__HYDRO 24148	36.00 1.52 0.00	33.47 1.38 -0.66	32.15 1.26 -2.16	31.48 1.24 -1.39	32.88 1.31 -1.76	35.39 1.41 -2.67	41.55 1.55 -6.39	45.84 1.51 -10.70	44.81 1.79 -5.72	39.91 1.83 0.00	37.73 1.69 0.00	35.54 1.50 0.00	31.91 1.40 0.00	30.49 1.40 0.00	29.62 1.34 -0.37	31.50 1.32 -3.29	33.33 1.53 0.00	38.74 1.85 -1.30	47.30 2.08 -5.12	52.45 2.37 -7.02	46.17 2.22 -2.81	37.62 1.82 -0.85	34.95 1.28 -7.52	33.25 1.40 -3.86
WARRENSBURG____ 23737	36.44 1.97 0.00	34.05 1.76 -0.86	33.16 1.61 -2.83	32.25 1.59 -1.82	33.75 1.64 -2.30	36.56 1.75 -3.50	43.85 1.88 -8.35	49.67 2.05 -13.99	46.94 2.16 -7.48	40.33 2.25 0.00	37.87 1.84 0.00	35.71 1.67 0.00	31.88 1.37 0.00	30.37 1.28 0.00	29.68 1.28 -0.48	32.43 1.24 -4.30	33.30 1.49 0.00	39.25 1.96 -1.70	49.15 2.37 -6.69	54.82 2.58 -9.18	47.24 2.43 -3.67	37.99 1.92 -1.11	37.42 1.44 -9.83	34.60 1.57 -5.05
WATERSIDE____6 8 9 23538	34.95 2.14 1.66	31.86 1.95 1.52	31.92 1.78 -1.41	32.08 1.79 -1.44	33.48 1.85 -1.83	34.41 1.97 -1.13	41.41 2.18 -5.61	46.42 2.22 -10.57	45.17 2.65 -5.22	40.82 2.74 0.01	38.66 2.63 0.01	36.42 2.38 0.01	32.70 2.20 0.01	33.61 2.15 -2.37	31.47 2.12 -1.43	33.81 2.07 -4.84	34.18 2.39 0.01	39.77 2.81 -1.36	48.50 3.09 -5.32	84.28 3.40 -37.81	47.27 3.21 -2.92	36.88 2.62 0.69	34.09 1.94 -6.00	32.27 2.02 -2.27
WATKINRD_115KV_LN8_ILLION 55919	34.82 0.34 0.00	31.71 0.28 0.00	28.95 0.23 0.00	29.11 0.26 0.00	30.05 0.24 0.00	31.56 0.25 0.00	33.85 0.24 0.00	33.90 0.27 0.00	37.60 0.30 0.00	38.43 0.34 0.00	36.39 0.36 0.00	34.35 0.31 0.00	30.78 0.27 0.00	29.35 0.26 0.00	28.16 0.25 0.00	27.14 0.24 0.00	32.09 0.29 0.00	35.95 0.36 0.00	40.49 0.40 0.00	43.49 0.43 0.00	41.55 0.41 0.00	35.30 0.35 0.00	26.36 0.21 0.00	28.21 0.22 0.00
WATSON__69_KV_BK 1 55734	37.10 2.62 0.00	34.51 2.39 -0.69	33.21 2.24 -2.25	32.60 2.31 -1.45	34.12 2.47 -1.83	36.79 2.69 -2.78	43.32 3.06 -6.65	49.93 3.23 -13.07	47.57 3.69 -6.58	41.36 3.28 0.00	39.20 3.17 0.00	36.87 2.83 0.00	32.92 2.41 0.00	31.65 2.47 -0.09	30.87 2.48 -0.48	32.88 2.55 -3.43	34.63 2.83 0.00	40.47 3.52 -1.36	49.47 4.05 -5.33	54.55 4.18 -7.31	48.30 4.24 -2.93	39.26 3.43 -0.89	36.62 2.64 -7.83	34.53 2.52 -4.02
WDELAWARE__HYD 323627	35.72 1.24 0.00	33.18 1.13 -0.62	31.79 1.03 -2.04	31.20 1.04 -1.31	32.54 1.07 -1.66	34.99 1.16 -2.52	40.88 1.24 -6.02	44.92 1.21 -10.08	44.11 1.42 -5.39	39.53 1.45 0.00	37.33 1.30 0.00	35.14 1.09 0.00	31.54 1.04 0.00	30.11 1.02 0.00	29.24 0.98 -0.35	30.99 1.00 -3.10	32.92 1.11 0.00	38.31 1.49 -1.23	46.64 1.72 -4.83	51.70 2.02 -6.62	45.68 1.89 -2.65	37.29 1.54 -0.80	34.26 1.02 -7.09	32.78 1.15 -3.64

WEST BABYLON___IC 23714	37.00 2.52 0.00	34.41 2.29 -0.69	33.10 2.13 -2.25	32.46 2.16 -1.45	33.94 2.30 -1.83	36.60 2.50 -2.78	43.12 2.86 -6.65	49.70 2.99 -13.07	47.35 3.47 -6.58	41.21 3.12 0.00	39.10 3.06 0.00	36.77 2.72 0.00	32.83 2.32 0.00	31.56 2.39 -0.09	30.79 2.40 -0.48	32.77 2.45 -3.43	34.54 2.74 0.00	40.36 3.42 -1.36	49.27 3.85 -5.33	54.33 3.96 -7.31	48.10 4.03 -2.93	39.12 3.29 -0.89	36.46 2.48 -7.83	34.39 2.38 -4.02
WEST CANADA___HYD 24049	34.75 0.27 0.00	31.68 0.25 0.00	28.92 0.20 0.00	29.05 0.20 0.00	30.02 0.21 0.00	31.53 0.22 0.00	33.82 0.20 0.00	33.87 0.24 0.00	37.56 0.26 0.00	38.35 0.27 0.00	36.29 0.25 0.00	34.25 0.21 0.00	30.69 0.18 0.00	29.29 0.21 0.00	28.11 0.20 0.00	27.08 0.19 0.00	32.03 0.22 0.00	35.91 0.32 0.00	40.45 0.36 0.00	43.45 0.39 0.00	41.51 0.37 0.00	35.27 0.31 0.00	26.36 0.21 0.00	28.21 0.22 0.00
WESTERN_NY_WIND 24143	31.34 -3.00 0.14	28.73 -2.77 -0.07	26.24 -2.67 -0.19	26.30 -2.68 -0.13	27.09 -2.74 -0.03	28.52 -2.82 -0.02	30.72 -2.96 -0.06	27.36 -2.86 3.41	29.80 -3.32 4.18	30.10 -3.28 4.71	28.52 -3.03 4.49	27.12 -2.66 4.27	23.97 -2.65 3.89	22.68 -2.68 3.73	21.85 -2.48 3.58	21.81 -2.12 2.96	25.57 -2.29 3.94	28.57 -2.67 4.35	33.08 -2.69 4.33	35.50 -2.84 4.72	33.50 -2.80 4.85	27.90 -2.73 4.32	24.10 -2.14 -0.09	25.92 -2.41 -0.33
WESTOVER___LESR 323668	33.61 -0.83 0.04	30.88 -0.75 -0.20	28.60 -0.75 -0.63	28.51 -0.75 -0.41	29.51 -0.78 -0.48	31.25 -0.78 -0.72	34.52 -0.81 -1.71	34.75 -0.77 -1.89	36.77 -0.90 -0.37	35.89 -0.91 1.29	33.91 -0.90 1.22	32.06 -0.82 1.16	28.65 -0.79 1.06	27.32 -0.76 1.02	26.34 -0.70 0.88	26.31 -0.65 -0.06	30.09 -0.64 1.07	34.04 -0.71 0.84	39.50 -0.76 -0.17	42.81 -0.82 -0.56	39.78 -0.78 0.58	33.30 -0.70 0.95	27.59 -0.58 -2.01	28.46 -0.64 -1.12
WETHRSFD_WT_PWR 323626	29.68 -4.00 0.80	27.88 -3.61 -0.06	25.42 -3.45 -0.14	25.52 -3.43 -0.10	25.56 -3.52 0.73	26.46 -3.66 1.18	27.05 -3.90 2.67	3.19 -3.77 26.67	3.66 -4.44 29.20	3.56 -4.69 29.84	3.22 -4.40 28.41	3.20 -3.81 27.04	2.17 -3.72 24.62	1.86 -3.58 23.65	1.70 -3.35 22.87	3.47 -3.09 20.33	3.36 -3.47 24.98	3.36 -4.06 28.17	5.82 -4.45 29.82	5.03 -4.82 33.21	4.57 -4.57 32.00	3.23 -3.95 27.78	20.12 -3.01 3.03	24.95 -3.27 -0.23
WHAVSTOR_138KV_BK127 55557	35.96 1.48 0.00	33.44 1.35 -0.66	32.12 1.24 -2.16	31.48 1.24 -1.39	32.85 1.28 -1.76	35.36 1.38 -2.67	41.55 1.55 -6.39	45.87 1.55 -10.70	44.88 1.86 -5.72	39.99 1.90 0.00	37.84 1.80 0.00	35.65 1.60 0.00	32.00 1.49 0.00	30.62 1.51 -0.01	29.77 1.48 -0.38	31.64 1.45 -3.29	33.46 1.65 0.00	38.89 1.99 -1.30	47.42 2.21 -5.12	52.53 2.45 -7.02	46.25 2.30 -2.81	37.69 1.89 -0.85	35.03 1.36 -7.52	33.28 1.43 -3.86
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.96 1.48 0.00	33.44 1.35 -0.66	32.12 1.24 -2.16	31.48 1.24 -1.39	32.85 1.28 -1.76	35.36 1.38 -2.67	41.55 1.55 -6.39	45.87 1.55 -10.70	44.88 1.86 -5.72	39.99 1.90 0.00	37.84 1.80 0.00	35.65 1.60 0.00	32.00 1.49 0.00	30.62 1.51 -0.01	29.77 1.48 -0.38	31.64 1.45 -3.29	33.46 1.65 0.00	38.89 1.99 -1.30	47.42 2.21 -5.12	52.53 2.45 -7.02	46.25 2.30 -2.81	37.69 1.89 -0.85	35.03 1.36 -7.52	33.28 1.43 -3.86
WHITEHAL_115KV_TB1 80871	36.86 2.38 0.00	34.43 2.14 -0.86	33.47 1.92 -2.83	32.57 1.90 -1.81	34.11 2.00 -2.30	36.93 2.13 -3.49	44.24 2.29 -8.34	50.09 2.49 -13.97	47.38 2.61 -7.47	40.79 2.70 0.00	38.27 2.23 0.00	36.05 2.01 0.00	32.15 1.65 0.00	30.60 1.51 0.00	29.90 1.51 -0.48	32.64 1.45 -4.30	33.62 1.81 0.00	39.68 2.38 -1.70	49.70 2.93 -6.69	55.46 3.23 -9.17	47.85 3.04 -3.67	38.44 2.38 -1.11	37.75 1.78 -9.82	34.93 1.90 -5.04
WHITEPLN_13_KV_LOAD 356215	36.48 2.00 0.00	33.94 1.82 -0.68	32.64 1.67 -2.25	31.94 1.64 -1.44	33.34 1.70 -1.83	35.94 1.85 -2.78	42.27 2.02 -6.64	46.86 2.12 -11.12	45.74 2.50 -5.94	40.67 2.59 0.00	38.56 2.52 0.00	36.29 2.25 0.00	32.58 2.07 0.00	31.20 2.04 -0.07	30.35 1.98 -0.46	32.28 1.96 -3.43	34.06 2.26 0.00	39.65 2.70 -1.35	48.42 3.01 -5.32	53.59 3.23 -7.30	47.15 3.09 -2.92	38.32 2.48 -0.88	35.77 1.80 -7.81	33.88 1.88 -4.01
WM_FLOYD_69_KV_BK2 356380	36.82 2.34 0.00	34.25 2.14 -0.69	33.10 2.13 -2.25	32.52 2.22 -1.45	34.09 2.44 -1.83	36.76 2.66 -2.78	43.32 3.06 -6.65	49.93 3.23 -13.07	47.57 3.69 -6.58	41.02 2.93 0.00	38.74 2.70 0.00	36.57 2.52 0.00	32.64 2.14 0.00	31.36 2.18 -0.09	30.62 2.23 -0.48	32.67 2.34 -3.43	34.19 2.39 0.00	40.04 3.10 -1.36	49.23 3.81 -5.33	54.03 3.66 -7.31	48.02 3.95 -2.93	38.98 3.15 -0.89	36.49 2.51 -7.83	34.42 2.41 -4.02
WOODARD___115KV_TB2 355635	33.55 -0.93 0.00	30.63 -0.88 -0.08	28.11 -0.86 -0.25	28.17 -0.84 -0.16	29.15 -0.86 -0.20	30.74 -0.88 -0.31	33.47 -0.87 -0.73	33.98 -0.87 -1.23	36.99 -0.97 -0.66	37.13 -0.95 0.00	35.10 -0.94 0.00	33.19 -0.85 0.00	29.68 -0.82 0.00	28.28 -0.81 0.00	27.23 -0.73 -0.04	26.60 -0.67 -0.38	31.13 -0.67 0.00	34.89 -0.85 -0.15	39.72 -0.96 -0.59	42.83 -1.03 -0.81	40.48 -0.99 -0.32	34.18 -0.87 -0.10	26.31 -0.71 -0.86	27.65 -0.78 -0.44
YORK___WARBASSE 23770	52.40 2.38 -15.54	49.64 2.17 -16.04	40.83 1.98 -10.12	32.43 1.99 -1.59	33.81 2.06 -1.94	51.72 2.16 -18.24	52.40 2.39 -16.40	52.53 2.42 -16.48	53.01 2.83 -12.88	54.46 2.93 -13.44	55.45 2.77 -16.64	55.39 2.49 -18.86	56.17 2.32 -23.35	57.38 2.27 -26.02	57.16 2.21 -27.05	60.46 2.21 -31.36	57.45 2.54 -23.10	59.41 2.99 -20.83	58.34 3.29 -14.97	95.55 3.62 -48.88	58.56 3.41 -14.00	53.40 2.83 -15.62	53.10 2.07 -24.88	52.34 2.24 -22.11