

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/05/2025

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	35.29	31.20	31.02	31.06	32.53	35.80	43.72	46.88	45.99	46.93	45.17	45.94	44.57	43.01	42.16	45.23	46.21	47.74	52.60	54.98	52.82	44.79	39.60	35.69
24138	2.06	2.04	1.77	1.79	1.81	2.06	2.97	3.63	3.88	3.98	3.61	3.68	3.68	3.51	3.52	3.76	3.69	3.95	4.14	4.24	4.16	3.41	3.00	2.64
	0.00	0.00	-1.64	0.00	0.00	0.00	0.00	0.00	-1.29	-1.89	-2.78	0.00	0.00	0.00	0.00	-0.18	-1.06	-0.35	-0.26	-0.32	-0.31	-0.29	0.00	0.00
74TH STREET_GT_1	35.29	31.23	31.03	31.09	32.56	35.80	43.72	46.84	45.99	46.93	45.17	45.99	44.57	43.01	42.16	45.23	46.25	47.79	52.65	55.03	52.87	44.83	39.67	35.69
24260	2.06	2.07	1.77	1.81	1.84	2.06	2.97	3.59	3.88	3.98	3.61	3.72	3.68	3.51	3.52	3.76	3.73	4.00	4.19	4.29	4.21	3.45	3.07	2.64
	0.00	0.00	-1.64	0.00	0.00	0.00	0.00	0.00	-1.29	-1.89	-2.77	0.00	0.00	0.00	0.00	-0.18	-1.06	-0.35	-0.26	-0.32	-0.31	-0.29	0.00	0.00
74TH STREET_GT_2	35.29	31.23	31.03	31.09	32.56	35.80	43.72	46.84	45.99	46.93	45.17	45.99	44.57	43.01	42.16	45.23	46.25	47.79	52.65	55.03	52.87	44.83	39.67	35.69
24261	2.06	2.07	1.77	1.81	1.84	2.06	2.97	3.59	3.88	3.98	3.61	3.72	3.68	3.51	3.52	3.76	3.73	4.00	4.19	4.29	4.21	3.45	3.07	2.64
	0.00	0.00	-1.64	0.00	0.00	0.00	0.00	0.00	-1.29	-1.89	-2.77	0.00	0.00	0.00	0.00	-0.18	-1.06	-0.35	-0.26	-0.32	-0.31	-0.29	0.00	0.00
ADK HUDSON___FALLS	35.09	31.00	31.39	31.09	32.62	35.83	43.43	46.32	50.41	53.56	55.81	45.23	43.75	42.33	41.31	45.90	48.21	49.47	53.91	56.84	54.49	46.64	39.01	35.17
24011	1.86	1.84	1.71	1.81	1.90	2.09	2.69	3.07	3.02	2.87	2.87	2.96	2.86	2.84	2.67	2.97	2.94	2.91	3.37	3.53	3.38	3.00	2.42	2.12
	0.00	0.00	-2.06	0.00	0.00	0.00	0.00	0.00	-6.56	-9.63	-14.15	0.00	0.00	0.00	0.00	-1.64	-3.81	-3.12	-2.34	-2.88	-2.75	-2.56	0.00	0.00
ADK RESOURCE___RCVRY	35.19	31.09	31.50	31.17	32.74	35.97	43.64	45.58	49.56	52.68	54.92	44.46	43.02	41.62	40.61	45.12	47.31	48.49	52.94	55.81	53.46	45.85	39.12	35.27
23798	1.96	1.92	1.82	1.90	2.03	2.23	2.89	2.33	2.24	2.09	2.13	2.20	2.13	2.13	1.97	2.23	2.11	2.00	2.46	2.57	2.42	2.26	2.52	2.21
	0.00	0.00	-2.06	0.00	0.00	0.00	0.00	0.00	-6.48	-9.53	-13.99	0.00	0.00	0.00	0.00	-1.60	-3.74	-3.05	-2.29	-2.82	-2.69	-2.50	0.00	0.00
ADK S GLENS___FALLS	35.09	31.00	31.39	31.09	32.62	35.83	43.43	46.32	50.41	53.56	55.81	45.23	43.75	42.33	41.31	45.90	48.21	49.47	53.91	56.84	54.49	46.64	39.01	35.17
24028	1.86	1.84	1.71	1.81	1.90	2.09	2.69	3.07	3.02	2.87	2.87	2.96	2.86	2.84	2.67	2.97	2.94	2.91	3.37	3.53	3.38	3.00	2.42	2.12
	0.00	0.00	-2.06	0.00	0.00	0.00	0.00	0.00	-6.56	-9.63	-14.15	0.00	0.00	0.00	0.00	-1.64	-3.81	-3.12	-2.34	-2.88	-2.75	-2.56	0.00	0.00
ADK_NYS___DAM	35.09	31.00	31.27	31.00	32.44	35.66	43.19	46.28	51.68	55.48	58.12	45.14	43.71	42.29	41.35	46.78	49.76	51.26	55.15	58.30	55.94	47.90	39.27	35.36
23527	1.86	1.84	1.66	1.73	1.72	1.92	2.44	3.03	3.35	3.41	3.14	2.88	2.82	2.80	2.70	3.06	3.11	3.17	3.47	3.58	3.48	3.00	2.67	2.31
	0.00	0.00	-1.99	0.00	0.00	0.00	0.00	0.00	-7.50	-11.02	-16.19	0.00	0.00	0.00	0.00	-2.44	-5.19	-4.65	-3.49	-4.30	-4.10	-3.81	0.00	0.00
AIR_PRODUCTS___DRP	33.77	29.89	30.26	29.95	31.33	34.38	41.56	44.37	35.64	32.81	25.97	43.32	42.00	40.60	39.69	39.66	38.50	39.19	45.40	46.63	44.74	37.84	37.62	33.94
24190	0.53	0.73	0.64	0.67	0.61	0.64	0.81	1.12	1.35	1.35	1.28	1.06	1.10	1.11	1.04	1.24	1.20	1.22	1.30	1.26	1.21	1.23	1.02	0.89
	0.00	0.00	-2.00	0.00	0.00	0.00	0.00	0.00	6.53	9.60	14.10	0.00	0.00	0.00	0.00	2.87	4.16	5.47	4.10	5.05	4.82	4.48	0.00	0.00
AKWESSNE_115KV_BK	32.40	28.32	26.98	28.75	30.10	33.07	40.21	42.56	40.18	40.52	38.21	41.55	40.20	38.74	37.87	40.30	40.55	42.49	47.14	49.42	47.29	38.36	26.04	13.64
355683	-0.83	-0.85	-0.64	-0.53	-0.61	-0.67	-0.53	-0.69	-0.65	-0.53	-0.58	-0.72	-0.70	-0.75	-0.77	-0.99	-0.91	-0.96	-1.06	-1.01	-1.06	-0.99	-0.81	-0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.74	9.76	18.72
ALBANY_1_SOLAR	34.30	30.33	30.61	30.41	31.85	34.95	42.17	44.93	35.81	32.88	25.91	43.74	42.36	40.95	40.03	40.09	38.97	39.70	46.05	47.31	45.44	38.36	38.06	34.37
323833	1.06	1.17	1.02	1.14	1.14	1.21	1.43	1.69	1.63	1.60	1.47	1.48	1.47	1.46	1.39	1.65	1.66	1.69	1.93	1.92	1.88	1.73	1.47	1.32
	0.00	0.00	-1.97	0.00	0.00	0.00	0.00	0.00	6.65	9.78	14.36	0.00	0.00	0.00	0.00	2.85	4.15	5.44	4.08	5.03	4.80	4.46	0.00	0.00
ALBANY_2_SOLAR	34.30	30.33	30.61	30.41	31.85	34.95	42.17	44.93	35.82	32.86	25.93	43.74	42.36	40.95	40.03	40.10	38.98	39.71	46.06	47.32	45.45	38.37	38.06	34.37
323834	1.06	1.17	1.02	1.14	1.14	1.21	1.43	1.69	1.63	1.56	1.47	1.48	1.47	1.46	1.39	1.65	1.66	1.69	1.93	1.92	1.88	1.73	1.47	1.32
	0.00	0.00	-1.97	0.00	0.00	0.00	0.00	0.00	6.64	9.76	14.33	0.00	0.00	0.00	0.00	2.85	4.14	5.43	4.07	5.02	4.79	4.45	0.00	0.00
ALBANY___1	33.77	29.89	30.26	29.95	31.33	34.38	41.56	44.37	35.64	32.81	25.97	43.32	42.00	40.60	39.69	39.66	38.50	39.19	45.40	46.63	44.74	37.84	37.62	33.94
23571	0.53	0.73	0.64	0.67	0.61	0.64	0.81	1.12	1.35	1.35	1.28	1.06	1.10	1.11	1.04	1.24	1.20	1.22	1.30	1.26	1.21	1.23	1.02	0.89
	0.00	0.00	-2.00	0.00	0.00	0.00	0.00	0.00	6.53	9.60	14.10	0.00	0.00	0.00	0.00	2.87	4.16	5.47	4.10	5.05	4.82	4.48	0.00	0.00

ALBANY___2 23572	33.77 0.53 0.00	29.89 0.73 0.00	30.26 0.64 -2.00	29.95 0.67 0.00	31.33 0.61 0.00	34.38 0.64 0.00	41.56 0.81 0.00	44.37 1.12 0.00	35.64 1.35 6.53	32.81 1.35 9.60	25.97 1.28 14.10	43.32 1.06 0.00	42.00 1.10 0.00	40.60 1.11 0.00	39.69 1.04 0.00	39.66 1.24 2.87	38.50 1.20 4.16	39.19 1.22 5.47	45.40 1.30 4.10	46.63 1.26 5.05	44.74 1.21 4.82	37.84 1.23 4.48	37.62 1.02 0.00	33.94 0.89 0.00
ALBANY___3 23573	33.77 0.53 0.00	29.89 0.73 0.00	30.26 0.64 -2.00	29.95 0.67 0.00	31.33 0.61 0.00	34.38 0.64 0.00	41.56 0.81 0.00	44.37 1.12 0.00	35.64 1.35 6.53	32.81 1.35 9.60	25.97 1.28 14.10	43.32 1.06 0.00	42.00 1.10 0.00	40.60 1.11 0.00	39.69 1.04 0.00	39.66 1.24 2.87	38.50 1.20 4.16	39.19 1.22 5.47	45.40 1.30 4.10	46.63 1.26 5.05	44.74 1.21 4.82	37.84 1.23 4.48	37.62 1.02 0.00	33.94 0.89 0.00
ALBANY___4 23574	33.77 0.53 0.00	29.89 0.73 0.00	30.26 0.64 -2.00	29.95 0.67 0.00	31.33 0.61 0.00	34.38 0.64 0.00	41.56 0.81 0.00	44.37 1.12 0.00	35.64 1.35 6.53	32.81 1.35 9.60	25.97 1.28 14.10	43.32 1.06 0.00	42.00 1.10 0.00	40.60 1.11 0.00	39.69 1.04 0.00	39.66 1.24 2.87	38.50 1.20 4.16	39.19 1.22 5.47	45.40 1.30 4.10	46.63 1.26 5.05	44.74 1.21 4.82	37.84 1.23 4.48	37.62 1.02 0.00	33.94 0.89 0.00
ALBANY___LFGE 323615	34.03 0.80 0.00	30.12 0.96 0.00	30.49 0.86 -2.02	30.18 0.91 0.00	31.61 0.89 0.00	34.68 0.94 0.00	41.93 1.18 0.00	44.76 1.51 0.00	45.49 1.79 -2.87	47.12 1.85 -4.22	46.73 1.75 -6.19	43.79 1.52 0.00	42.45 1.55 0.00	41.03 1.54 0.00	40.11 1.47 0.00	43.58 1.65 -0.64	45.15 1.66 -2.03	46.26 1.61 -1.21	50.89 1.78 -0.91	53.31 1.76 -1.12	51.16 1.74 -1.07	43.64 1.56 -0.99	37.95 1.35 0.00	34.24 1.19 0.00
ALCOA_PA_115KV_PL-6C 55860	32.40 -0.83 0.00	28.29 -0.87 0.00	26.98 -0.64 0.00	28.86 -0.41 0.00	30.23 -0.49 0.00	33.20 -0.54 0.00	40.17 -0.57 0.00	42.38 -0.86 0.00	40.05 -0.78 0.00	40.32 -0.74 0.00	38.02 -0.78 0.00	41.34 -0.93 0.00	39.99 -0.90 0.00	38.54 -0.95 0.00	37.68 -0.97 0.00	40.10 -1.20 0.00	40.34 -1.12 0.00	42.27 -1.17 0.00	46.85 -1.35 0.00	49.16 -1.26 0.00	47.05 -1.31 0.00	38.30 -1.11 1.68	26.20 -0.95 9.44	14.11 -0.83 18.12
ALCOA_RYNLDS___DRP 24188	32.40 -0.83 0.00	28.29 -0.87 0.00	26.98 -0.64 0.00	28.86 -0.41 0.00	30.23 -0.49 0.00	33.20 -0.54 0.00	40.17 -0.57 0.00	42.38 -0.86 0.00	40.05 -0.78 0.00	40.32 -0.74 0.00	38.02 -0.78 0.00	41.34 -0.93 0.00	39.99 -0.90 0.00	38.54 -0.95 0.00	37.68 -0.97 0.00	40.10 -1.20 0.00	40.34 -1.12 0.00	42.27 -1.17 0.00	46.85 -1.35 0.00	49.16 -1.26 0.00	47.05 -1.31 0.00	38.30 -1.11 1.68	26.20 -0.95 9.44	14.11 -0.83 18.12
ALCOA___DSASP 323711	32.40 -0.83 0.00	28.29 -0.87 0.00	26.98 -0.63 0.00	28.86 -0.41 0.00	30.22 -0.49 0.00	33.20 -0.54 0.00	40.17 -0.57 0.00	42.38 -0.86 0.00	40.05 -0.78 0.00	40.32 -0.74 0.00	38.02 -0.78 0.00	41.34 -0.93 0.00	39.99 -0.90 0.00	38.54 -0.95 0.00	37.68 -0.96 0.00	40.09 -1.20 0.00	40.34 -1.12 0.00	42.27 -1.17 0.00	46.85 -1.35 0.00	49.17 -1.26 0.00	47.05 -1.30 0.00	38.26 -1.15 1.68	26.20 -0.95 9.44	14.14 -0.82 18.08
ALLEGHENY___COGEN 23514	34.50 1.26 0.00	29.48 0.32 0.00	27.85 -0.06 -0.28	29.24 -0.03 0.00	30.93 0.22 0.00	34.08 0.34 0.00	40.95 0.20 0.00	42.82 -0.43 0.00	40.17 -0.65 0.00	39.78 -1.27 0.00	37.40 -1.39 0.00	40.24 -2.03 0.00	38.81 -2.08 0.00	37.48 -2.01 0.00	36.83 -1.82 0.00	39.35 -1.94 0.00	39.68 -1.91 -0.13	41.92 -1.52 0.00	47.42 -0.77 0.00	50.32 -0.10 0.00	48.50 0.15 0.00	41.05 -0.04 0.00	36.38 -0.22 0.00	33.02 -0.03 0.00
ALTAMONT_115KV_TB 2 55880	34.10 0.86 0.00	30.12 0.96 0.00	30.51 0.88 -2.00	30.18 0.91 0.00	31.64 0.92 0.00	34.72 0.98 0.00	41.89 1.14 0.00	44.68 1.43 0.00	39.02 1.35 3.15	37.74 1.31 4.63	33.23 1.24 6.80	43.66 1.39 0.00	42.28 1.39 0.00	40.83 1.34 0.00	39.96 1.31 0.00	41.25 1.49 1.53	41.15 1.49 1.80	42.09 1.56 2.92	47.70 1.69 2.19	49.44 1.71 2.70	47.47 1.69 2.57	40.22 1.52 2.39	37.88 1.28 0.00	34.21 1.16 0.00
ALTONA_WT_PWR 323606	32.44 -0.80 0.00	28.32 -0.85 0.00	27.04 -0.58 0.00	28.80 -0.47 0.00	30.16 -0.55 0.00	33.37 -0.37 0.00	40.50 -0.24 0.00	42.86 -0.39 0.00	40.55 -0.28 0.00	40.85 -0.20 0.00	38.48 -0.31 0.00	41.76 -0.51 0.00	40.28 -0.61 0.00	38.78 -0.71 0.00	37.79 -0.85 0.00	40.18 -1.11 0.00	40.38 -1.08 0.00	42.36 -1.08 0.00	47.04 -1.16 0.00	49.32 -1.11 0.00	47.10 -1.26 0.00	38.11 -1.23 1.75	25.66 -1.13 9.80	13.27 -1.02 18.76
AMERICAN_REF_FUEL 24010	32.17 -1.06 0.00	27.41 -1.75 0.00	25.77 -2.10 -0.25	27.08 -2.20 0.00	28.63 -2.09 0.00	31.38 -2.36 0.00	37.52 -3.22 0.00	38.71 -4.54 0.00	36.99 -3.84 0.00	36.87 -4.19 0.00	35.14 -3.65 0.00	38.08 -4.19 0.00	36.84 -4.05 0.00	35.66 -3.83 0.00	34.89 -3.75 0.00	37.20 -4.09 0.00	37.14 -4.44 -0.11	38.75 -4.69 0.00	43.04 -5.16 0.00	45.23 -5.19 0.00	43.57 -4.79 0.00	37.22 -3.86 0.00	33.38 -3.22 0.00	30.67 -2.38 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.00 -0.23 0.00	28.02 -1.14 0.00	26.22 -1.69 -0.28	27.72 -1.55 0.00	29.46 -1.26 0.00	32.46 -1.28 0.00	39.11 -1.63 0.00	41.00 -2.25 0.00	39.15 -1.68 0.00	39.05 -2.01 0.00	37.28 -1.51 0.00	40.32 -1.94 0.00	38.93 -1.96 0.00	37.56 -1.93 0.00	36.67 -1.97 0.00	38.90 -2.40 0.00	38.65 -2.94 -0.13	40.75 -2.69 0.00	45.16 -3.03 0.00	47.55 -2.87 0.00	45.46 -2.90 0.00	38.75 -2.34 0.00	34.40 -2.19 0.00	31.46 -1.59 0.00
ARTHUR KILL_GT_1 23520	35.15 1.89 -0.02	31.23 2.04 -0.02	31.12 1.85 -1.65	31.15 1.87 -0.01	32.60 1.87 -0.01	35.84 2.09 -0.01	43.42 2.65 -0.02	46.65 3.37 -0.02	46.43 3.67 -1.93	49.34 3.86 -4.43	48.76 3.45 -6.52	49.30 3.51 -3.53	49.34 3.52 -4.93	49.34 3.32 -6.53	48.88 3.36 -6.87	53.83 3.59 -8.95	72.03 3.57 -27.00	84.47 3.82 -37.21	58.24 4.05 -6.00	54.90 4.13 -0.35	60.78 4.11 -8.31	48.43 3.25 -4.10	45.86 2.82 -6.45	35.44 2.35 -0.04
ARTHUR_KILL_2 23512	35.15 1.89 -0.02	31.20 2.01 -0.02	31.04 1.77 -1.65	31.07 1.79 -0.01	32.51 1.78 -0.01	35.74 1.99 -0.01	43.38 2.61 -0.02	46.60 3.33 -0.02	46.31 3.55 -1.93	49.26 3.77 -4.43	48.76 3.45 -6.52	49.26 3.47 -3.53	49.26 3.44 -4.93	49.26 3.24 -6.53	48.76 3.25 -6.87	53.71 3.47 -8.95	71.94 3.48 -27.00	84.43 3.78 -37.21	58.15 3.95 -6.00	54.75 3.98 -0.35	60.64 3.97 -8.31	48.31 3.12 -4.10	45.75 2.71 -6.45	35.48 2.38 -0.04
ARTHUR_KILL_3 23513	35.04 1.79 -0.01	30.99 1.81 -0.01	30.80 1.55 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.49 1.75 0.00	43.33 2.57 -0.01	46.51 3.25 -0.01	46.30 3.55 -1.92	49.11 3.61 -4.44	48.61 3.30 -6.52	49.14 3.34 -3.53	49.19 3.35 -4.94	49.23 3.20 -6.54	48.77 3.25 -6.88	53.55 3.30 -8.95	71.83 3.36 -27.01	84.22 3.56 -37.22	57.91 3.71 -6.01	54.56 3.78 -0.35	60.35 3.67 -8.32	48.39 3.21 -4.09	45.85 2.82 -6.44	35.50 2.41 -0.04

ARTHUR_KILL_COGEN 323718	35.25 1.99 -0.02	31.29 2.10 -0.02	31.12 1.85 -1.65	31.13 1.85 -0.01	32.60 1.87 -0.01	35.84 2.09 -0.01	43.50 2.73 -0.02	46.73 3.46 -0.02	46.44 3.68 -1.93	49.39 3.90 -4.43	48.84 3.53 -6.52	49.38 3.59 -3.53	49.34 3.52 -4.93	49.34 3.32 -6.53	48.84 3.32 -6.87	53.83 3.59 -8.95	72.07 3.61 -27.00	84.56 3.91 -37.21	58.29 4.09 -6.00	54.95 4.18 -0.35	60.83 4.16 -8.31	48.43 3.25 -4.10	45.86 2.82 -6.45	35.54 2.45 -0.04
ASHOKAN____ 23654	34.83 1.60 0.00	30.79 1.63 0.00	29.73 0.28 -1.84	30.77 1.49 0.00	32.28 1.57 0.00	35.43 1.69 0.00	42.94 2.20 0.00	46.02 2.77 0.00	39.39 3.39 4.82	37.13 3.16 7.09	31.26 2.87 10.41	44.38 2.11 0.00	42.94 2.04 0.00	41.39 1.90 0.00	40.46 1.82 0.00	41.79 2.65 2.15	41.31 2.82 2.97	42.26 2.91 4.10	48.60 3.47 3.07	50.32 3.68 3.79	48.32 3.58 3.61	40.69 2.96 3.36	38.76 2.16 0.00	34.97 1.92 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.95 1.73 0.01	30.90 1.75 0.01	30.69 1.44 -1.63	30.76 1.49 0.01	32.21 1.50 0.01	35.45 1.72 0.01	43.22 2.49 0.01	46.44 3.20 0.01	45.62 3.51 -1.28	46.55 3.61 -1.88	44.89 3.26 -2.84	45.85 3.30 -0.28	44.16 3.27 0.01	42.60 3.12 0.01	42.17 3.17 -0.36	44.77 3.30 -0.18	45.83 3.32 -1.05	47.34 3.56 -0.34	52.16 3.71 -0.25	54.52 3.78 -0.31	52.33 3.67 -0.30	44.45 3.08 -0.28	39.33 2.75 0.01	35.36 2.31 0.01
ASTORIA_EAST_ENERGY_CC2 323582	34.95 1.73 0.01	30.90 1.75 0.01	30.69 1.44 -1.63	30.76 1.49 0.01	32.21 1.50 0.01	35.45 1.72 0.01	43.22 2.49 0.01	46.44 3.20 0.01	45.62 3.51 -1.28	46.55 3.61 -1.88	44.89 3.26 -2.84	45.85 3.30 -0.28	44.16 3.27 0.01	42.60 3.12 0.01	42.17 3.17 -0.36	44.77 3.30 -0.18	45.83 3.32 -1.05	47.34 3.56 -0.34	52.16 3.71 -0.25	54.52 3.78 -0.31	52.33 3.67 -0.30	44.45 3.08 -0.28	39.33 2.75 0.01	35.36 2.31 0.01
ASTORIA_GT2_1 24094	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00
ASTORIA_GT2_2 24095	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00
ASTORIA_GT2_3 24096	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00
ASTORIA_GT2_4 24097	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00
ASTORIA_GT3_1 24098	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00
ASTORIA_GT3_2 24099	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00
ASTORIA_GT3_3 24100	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00
ASTORIA_GT3_4 24101	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00
ASTORIA_GT4_1 24102	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00
ASTORIA_GT4_2 24103	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00
ASTORIA_GT4_3 24104	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00

ASTORIA_GT4_4 24105	35.00 1.76 0.00	30.94 1.78 0.00	30.72 1.46 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.31 2.57 0.00	46.45 3.20 0.00	45.59 3.47 -1.29	46.52 3.57 -1.89	44.86 3.22 -2.84	45.81 3.25 -0.29	44.16 3.27 0.00	42.57 3.08 0.00	42.14 3.13 -0.37	44.78 3.30 -0.18	45.83 3.32 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.53 3.78 -0.32	52.39 3.72 -0.31	44.42 3.04 -0.29	39.34 2.74 0.00	35.40 2.35 0.00
ASTORIA_GT_1 23523	35.03 1.79 0.00	30.97 1.81 0.00	30.75 1.49 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.53 1.79 0.00	43.39 2.65 0.00	46.49 3.24 0.00	45.67 3.55 -1.29	46.60 3.65 -1.89	44.89 3.26 -2.84	45.90 3.34 -0.29	44.25 3.35 0.00	42.65 3.16 0.00	42.22 3.21 -0.37	44.86 3.39 -0.18	45.87 3.36 -1.06	47.40 3.61 -0.35	52.27 3.81 -0.26	54.63 3.88 -0.32	52.48 3.82 -0.31	44.50 3.12 -0.29	39.38 2.78 0.00	35.43 2.38 0.00
ASTORIA_GT_10 24110	35.19 1.96 0.00	31.15 1.98 0.00	31.00 1.74 -1.64	31.03 1.76 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.51 2.77 0.00	46.71 3.46 0.00	45.87 3.76 -1.29	46.81 3.86 -1.90	45.07 3.49 -2.78	45.87 3.59 -0.01	44.46 3.56 -0.01	42.89 3.40 0.00	42.04 3.40 0.00	45.12 3.63 -0.19	46.13 3.61 -1.07	47.66 3.87 -0.36	52.51 4.05 -0.26	54.83 4.08 -0.32	52.68 4.01 -0.31	44.66 3.29 -0.29	39.49 2.89 0.00	35.53 2.48 0.00
ASTORIA_GT_11 24225	35.19 1.96 0.00	31.15 1.98 0.00	31.00 1.74 -1.64	31.03 1.76 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.51 2.77 0.00	46.71 3.46 0.00	45.87 3.76 -1.29	46.81 3.86 -1.90	45.07 3.49 -2.78	45.87 3.59 -0.01	44.46 3.56 -0.01	42.89 3.40 0.00	42.04 3.40 0.00	45.12 3.63 -0.19	46.13 3.61 -1.07	47.66 3.87 -0.36	52.51 4.05 -0.26	54.83 4.08 -0.32	52.68 4.01 -0.31	44.66 3.29 -0.29	39.49 2.89 0.00	35.53 2.48 0.00
ASTORIA_GT_12 24226	35.19 1.96 0.00	31.15 1.98 0.00	31.00 1.74 -1.64	31.03 1.76 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.51 2.77 0.00	46.71 3.46 0.00	45.87 3.76 -1.29	46.81 3.86 -1.90	45.07 3.49 -2.78	45.87 3.59 -0.01	44.46 3.56 -0.01	42.89 3.40 0.00	42.04 3.40 0.00	45.12 3.63 -0.19	46.13 3.61 -1.07	47.66 3.87 -0.36	52.51 4.05 -0.26	54.83 4.08 -0.32	52.68 4.01 -0.31	44.66 3.29 -0.29	39.49 2.89 0.00	35.53 2.48 0.00
ASTORIA_GT_13 24227	35.19 1.96 0.00	31.15 1.98 0.00	31.00 1.74 -1.64	31.03 1.76 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.51 2.77 0.00	46.71 3.46 0.00	45.87 3.76 -1.29	46.81 3.86 -1.90	45.07 3.49 -2.78	45.87 3.59 -0.01	44.46 3.56 -0.01	42.89 3.40 0.00	42.04 3.40 0.00	45.12 3.63 -0.19	46.13 3.61 -1.07	47.66 3.87 -0.36	52.51 4.05 -0.26	54.83 4.08 -0.32	52.68 4.01 -0.31	44.66 3.29 -0.29	39.49 2.89 0.00	35.53 2.48 0.00
ASTORIA_GT_5 24106	35.03 1.79 0.00	30.97 1.81 0.00	30.75 1.49 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.53 1.79 0.00	43.39 2.65 0.00	46.49 3.24 0.00	45.67 3.55 -1.29	46.60 3.65 -1.89	44.89 3.26 -2.84	45.90 3.34 -0.29	44.25 3.35 0.00	42.65 3.16 0.00	42.22 3.21 -0.37	44.86 3.39 -0.18	45.87 3.36 -1.06	47.40 3.61 -0.35	52.27 3.81 -0.26	54.63 3.88 -0.32	52.48 3.82 -0.31	44.50 3.12 -0.29	39.38 2.78 0.00	35.43 2.38 0.00
ASTORIA_GT_7 24107	35.03 1.79 0.00	30.97 1.81 0.00	30.75 1.49 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.53 1.79 0.00	43.39 2.65 0.00	46.49 3.24 0.00	45.67 3.55 -1.29	46.60 3.65 -1.89	44.89 3.26 -2.84	45.90 3.34 -0.29	44.25 3.35 0.00	42.65 3.16 0.00	42.22 3.21 -0.37	44.86 3.39 -0.18	45.87 3.36 -1.06	47.40 3.61 -0.35	52.27 3.81 -0.26	54.63 3.88 -0.32	52.48 3.82 -0.31	44.50 3.12 -0.29	39.38 2.78 0.00	35.43 2.38 0.00
ASTORIA_GT_8 24108	35.03 1.79 0.00	30.97 1.81 0.00	30.75 1.49 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.53 1.79 0.00	43.39 2.65 0.00	46.49 3.24 0.00	45.67 3.55 -1.29	46.60 3.65 -1.89	44.89 3.26 -2.84	45.90 3.34 -0.29	44.25 3.35 0.00	42.65 3.16 0.00	42.22 3.21 -0.37	44.86 3.39 -0.18	45.87 3.36 -1.06	47.40 3.61 -0.35	52.27 3.81 -0.26	54.63 3.88 -0.32	52.48 3.82 -0.31	44.50 3.12 -0.29	39.38 2.78 0.00	35.43 2.38 0.00
ASTORIA___2 24149	34.99 1.76 0.01	30.93 1.78 0.01	30.71 1.46 -1.63	30.76 1.49 0.01	32.24 1.54 0.01	35.49 1.75 0.01	43.26 2.53 0.01	46.44 3.20 0.01	45.62 3.51 -1.28	46.55 3.61 -1.88	44.92 3.30 -2.84	45.89 3.34 -0.28	44.20 3.31 0.01	42.64 3.16 0.01	42.17 3.17 -0.36	44.77 3.30 -0.18	45.83 3.32 -1.05	47.39 3.60 -0.34	52.16 3.71 -0.25	54.57 3.83 -0.31	52.33 3.67 -0.30	44.49 3.12 -0.28	39.33 2.75 0.01	35.39 2.35 0.01
ASTORIA___3 23516	35.19 1.96 0.00	31.15 1.98 0.00	31.00 1.74 -1.64	31.00 1.73 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.52 2.77 0.00	46.75 3.50 0.00	45.87 3.75 -1.29	46.90 3.94 -1.90	45.14 3.57 -2.78	45.91 3.64 -0.01	44.50 3.60 -0.01	42.89 3.40 0.00	42.08 3.44 0.00	45.12 3.63 -0.19	46.17 3.65 -1.07	47.71 3.91 -0.36	52.51 4.05 -0.26	54.83 4.08 -0.32	52.67 4.01 -0.31	44.70 3.33 -0.29	39.49 2.89 0.00	35.53 2.48 0.00
ASTORIA___4 23517	35.19 1.96 0.00	31.15 1.98 0.00	31.00 1.74 -1.64	31.03 1.76 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.51 2.77 0.00	46.71 3.46 0.00	45.87 3.76 -1.29	46.81 3.86 -1.90	45.07 3.49 -2.78	45.87 3.59 -0.01	44.46 3.56 -0.01	42.89 3.40 0.00	42.04 3.40 0.00	45.12 3.63 -0.19	46.13 3.61 -1.07	47.66 3.87 -0.36	52.51 4.05 -0.26	54.83 4.08 -0.32	52.68 4.01 -0.31	44.66 3.29 -0.29	39.49 2.89 0.00	35.53 2.48 0.00
ASTORIA___5 23518	35.19 1.96 0.00	31.15 1.98 0.00	31.00 1.74 -1.64	31.00 1.73 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.52 2.77 0.00	46.75 3.50 0.00	45.87 3.75 -1.29	46.90 3.94 -1.90	45.14 3.57 -2.78	45.91 3.64 -0.01	44.50 3.60 -0.01	42.89 3.40 0.00	42.08 3.44 0.00	45.12 3.63 -0.19	46.17 3.65 -1.07	47.71 3.91 -0.36	52.51 4.05 -0.26	54.83 4.08 -0.32	52.67 4.01 -0.31	44.70 3.33 -0.29	39.49 2.89 0.00	35.53 2.48 0.00
AST_ENERGY_2_CC3 323677	34.92 1.79 0.11	30.99 1.84 0.01	30.82 1.57 -1.63	30.84 1.58 0.01	32.30 1.60 0.01	34.92 1.79 0.61	38.40 2.57 4.91	39.74 3.29 6.79	38.42 3.59 6.00	38.01 3.70 6.74	35.79 3.37 6.38	38.80 3.42 6.89	36.99 3.39 7.30	36.29 3.20 6.40	35.79 3.25 6.10	40.16 3.39 4.52	41.21 3.40 3.65	35.54 3.65 11.55	35.54 3.81 16.46	36.50 3.88 17.81	35.54 3.77 16.59	40.53 3.16 3.72	35.54 2.82 3.87	35.45 2.41 0.01
AST_ENERGY_2_CC4 323678	34.92 1.79 0.11	30.99 1.84 0.01	30.82 1.57 -1.63	30.84 1.58 0.01	32.30 1.60 0.01	34.92 1.79 0.61	38.40 2.57 4.91	39.74 3.29 6.79	38.42 3.59 6.00	38.01 3.70 6.74	35.79 3.37 6.38	38.80 3.42 6.89	36.99 3.39 7.30	36.29 3.20 6.40	35.79 3.25 6.10	40.16 3.39 4.52	41.21 3.40 3.65	35.54 3.65 11.55	35.54 3.81 16.46	36.50 3.88 17.81	35.54 3.77 16.59	40.53 3.16 3.72	35.54 2.82 3.87	35.45 2.41 0.01

ATHENS_STG_1 23668	34.20 0.96 0.00	30.30 1.14 0.00	30.45 1.02 -1.81	30.30 1.02 0.00	31.76 1.04 0.00	34.85 1.11 0.00	42.05 1.30 0.00	44.89 1.64 0.00	42.89 1.63 -0.42	43.36 1.68 -0.62	41.26 1.55 -0.91	43.96 1.69 0.00	42.57 1.68 0.00	41.11 1.62 0.00	40.23 1.58 0.00	43.03 1.73 0.00	44.01 1.74 -0.81	45.27 1.82 0.00	50.13 1.93 0.00	52.39 1.96 0.00	50.24 1.88 0.00	42.77 1.69 0.00	38.10 1.50 0.00	34.41 1.36 0.00
ATHENS_STG_2 23670	34.20 0.96 0.00	30.30 1.14 0.00	30.45 1.02 -1.81	30.30 1.02 0.00	31.76 1.04 0.00	34.85 1.11 0.00	42.05 1.30 0.00	44.89 1.64 0.00	42.89 1.63 -0.42	43.36 1.68 -0.62	41.26 1.55 -0.91	43.96 1.69 0.00	42.57 1.68 0.00	41.11 1.62 0.00	40.23 1.58 0.00	43.03 1.73 0.00	44.01 1.74 -0.81	45.27 1.82 0.00	50.13 1.93 0.00	52.39 1.96 0.00	50.24 1.88 0.00	42.77 1.69 0.00	38.10 1.50 0.00	34.41 1.36 0.00
ATHENS_STG_3 23677	34.20 0.96 0.00	30.30 1.14 0.00	30.45 1.02 -1.81	30.30 1.02 0.00	31.76 1.04 0.00	34.85 1.11 0.00	42.05 1.30 0.00	44.89 1.64 0.00	42.89 1.63 -0.42	43.36 1.68 -0.62	41.26 1.55 -0.91	43.96 1.69 0.00	42.57 1.68 0.00	41.11 1.62 0.00	40.23 1.58 0.00	43.03 1.73 0.00	44.01 1.74 -0.81	45.27 1.82 0.00	50.13 1.93 0.00	52.39 1.96 0.00	50.24 1.88 0.00	42.77 1.69 0.00	38.10 1.50 0.00	34.41 1.36 0.00
AUBURN___LFGE 323710	33.47 0.23 0.00	29.16 0.00 0.00	27.72 -0.11 -0.21	29.13 -0.15 0.00	30.62 -0.09 0.00	33.74 0.00 0.00	41.40 0.65 0.00	44.03 0.78 0.00	40.67 -0.16 0.00	40.89 -0.16 0.00	38.71 -0.08 0.00	42.01 -0.25 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.41 -0.23 0.00	41.09 -0.21 0.00	41.30 -0.25 -0.09	43.27 -0.17 0.00	48.15 -0.05 0.00	50.32 -0.10 0.00	48.21 -0.15 0.00	40.97 -0.12 0.00	36.38 -0.22 0.00	32.85 -0.20 0.00
BABYLON_RES_REC 323704	35.86 2.62 0.00	31.73 2.57 0.00	31.47 2.21 -1.64	31.50 2.22 0.00	32.96 2.24 0.00	36.37 2.63 0.00	44.01 3.26 0.00	47.14 3.89 0.00	46.41 4.29 -1.30	47.41 4.40 -1.96	49.94 3.65 -7.51	51.12 3.59 -5.26	50.04 3.56 -5.59	49.66 3.51 -6.66	50.30 3.59 -8.06	51.22 3.80 -6.14	51.73 3.77 -6.50	69.38 4.08 -21.86	63.82 4.39 -11.24	66.56 4.49 -11.64	60.65 4.35 -7.94	49.40 3.70 -4.62	41.17 3.81 -0.77	36.47 3.40 -0.01
BALL_HILL_WT_PWR 323825	33.00 -0.23 0.00	28.08 -1.08 0.00	26.27 -1.63 -0.28	27.72 -1.55 0.00	29.37 -1.35 0.00	32.26 -1.48 0.00	38.79 -1.95 0.00	40.27 -2.98 0.00	38.42 -2.41 0.00	38.31 -2.75 0.00	36.58 -2.21 0.00	39.60 -2.66 0.00	38.27 -2.62 0.00	37.00 -2.49 0.00	36.21 -2.43 0.00	38.61 -2.68 0.00	38.35 -3.23 -0.12	40.36 -3.08 0.00	44.78 -3.42 0.00	47.20 -3.23 0.00	45.26 -3.10 0.00	38.66 -2.42 0.00	34.44 -2.16 0.00	31.53 -1.52 0.00
BARON_WINDS___WT_PWR 323822	33.13 -0.10 0.00	28.61 -0.55 0.00	27.01 -0.97 -0.36	28.31 -0.97 0.00	29.89 -0.83 0.00	32.93 -0.81 0.00	39.73 -1.02 0.00	41.69 -1.56 0.00	39.40 -1.43 0.00	39.33 -1.72 0.00	37.32 -1.47 0.00	40.28 -1.99 0.00	38.89 -2.00 0.00	37.60 -1.89 0.00	36.90 -1.74 0.00	39.31 -1.98 0.00	39.39 -2.24 -0.17	41.40 -2.04 0.00	46.17 -2.02 0.00	48.51 -1.92 0.00	46.57 -1.79 0.00	39.61 -1.48 0.00	35.13 -1.46 0.00	31.96 -1.09 0.00
BARRETT_IC_1 23704	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	104.29 3.03 -62.47	117.23 2.96 -72.00	104.38 2.95 -60.54	93.81 2.88 -51.44	121.96 2.98 -80.34	117.45 3.14 -73.02	108.04 3.07 -63.51	100.50 3.30 -53.76	139.10 3.47 -87.43	95.82 3.53 -41.87	145.49 3.43 -93.70	93.81 2.92 -49.80	48.67 3.18 -8.89	36.12 3.01 -0.06
BARRETT_IC_10 23701	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	62.11 3.03 -20.29	57.81 2.96 -12.58	64.91 2.95 -21.07	61.58 2.88 -19.21	55.30 2.98 -13.68	69.43 3.14 -25.00	67.10 3.07 -22.57	77.06 3.30 -30.32	84.28 3.47 -32.61	73.87 3.53 -19.92	83.91 3.43 -32.13	61.36 2.92 -17.35	48.67 3.18 -8.89	36.12 3.01 -0.06
BARRETT_IC_11 23702	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	62.11 3.03 -20.29	57.81 2.96 -12.58	64.91 2.95 -21.07	61.58 2.88 -19.21	55.30 2.98 -13.68	69.43 3.14 -25.00	67.10 3.07 -22.57	77.06 3.30 -30.32	84.28 3.47 -32.61	73.87 3.53 -19.92	83.91 3.43 -32.13	61.36 2.92 -17.35	48.67 3.18 -8.89	36.12 3.01 -0.06
BARRETT_IC_12 23703	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	62.11 3.03 -20.29	57.81 2.96 -12.58	64.91 2.95 -21.07	61.58 2.88 -19.21	55.30 2.98 -13.68	69.43 3.14 -25.00	67.10 3.07 -22.57	77.06 3.30 -30.32	84.28 3.47 -32.61	73.87 3.53 -19.92	83.91 3.43 -32.13	61.36 2.92 -17.35	48.67 3.18 -8.89	36.12 3.01 -0.06
BARRETT_IC_2 23705	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	104.29 3.03 -62.47	117.23 2.96 -72.00	104.38 2.95 -60.54	93.81 2.88 -51.44	121.96 2.98 -80.34	117.45 3.14 -73.02	108.04 3.07 -63.51	100.50 3.30 -53.76	139.10 3.47 -87.43	95.82 3.53 -41.87	145.49 3.43 -93.70	93.81 2.92 -49.80	48.67 3.18 -8.89	36.12 3.01 -0.06
BARRETT_IC_3 23706	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	104.29 3.03 -62.47	117.23 2.96 -72.00	104.38 2.95 -60.54	93.81 2.88 -51.44	121.96 2.98 -80.34	117.45 3.14 -73.02	108.04 3.07 -63.51	100.50 3.30 -53.76	139.10 3.47 -87.43	95.82 3.53 -41.87	145.49 3.43 -93.70	93.81 2.92 -49.80	48.67 3.18 -8.89	36.12 3.01 -0.06
BARRETT_IC_4 23707	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	104.29 3.03 -62.47	117.23 2.96 -72.00	104.38 2.95 -60.54	93.81 2.88 -51.44	121.96 2.98 -80.34	117.45 3.14 -73.02	108.04 3.07 -63.51	100.50 3.30 -53.76	139.10 3.47 -87.43	95.82 3.53 -41.87	145.49 3.43 -93.70	93.81 2.92 -49.80	48.67 3.18 -8.89	36.12 3.01 -0.06
BARRETT_IC_5 23708	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	104.29 3.03 -62.47	117.23 2.96 -72.00	104.38 2.95 -60.54	93.81 2.88 -51.44	121.96 2.98 -80.34	117.45 3.14 -73.02	108.04 3.07 -63.51	100.50 3.30 -53.76	139.10 3.47 -87.43	95.82 3.53 -41.87	145.49 3.43 -93.70	93.81 2.92 -49.80	48.67 3.18 -8.89	36.12 3.01 -0.06

BARRETT_IC_6 23709	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	104.29 3.03 -62.47	117.23 2.96 -72.00	104.38 2.95 -60.54	93.81 2.88 -51.44	121.96 2.98 -80.34	117.45 3.14 -73.02	108.04 3.07 -63.51	100.50 3.30 -53.76	139.10 3.47 -87.43	95.82 3.53 -41.87	145.49 3.43 -93.70	93.81 2.92 -49.80	48.67 3.18 -8.89	36.12 3.01 -0.06
BARRETT_IC_7 23710	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.29 2.02 0.00	32.77 2.06 0.00	36.14 2.40 0.00	44.09 3.34 0.00	46.88 3.63 0.00	46.13 4.00 -1.30	47.59 3.90 -2.63	104.21 2.95 -62.47	117.35 3.09 -72.00	104.46 3.03 -60.54	93.77 2.84 -51.44	121.92 2.94 -80.34	117.45 3.14 -73.02	108.04 3.07 -63.51	100.46 3.26 -53.76	139.05 3.42 -87.43	95.77 3.48 -41.87	145.54 3.48 -93.70	93.77 2.88 -49.80	48.64 3.15 -8.89	36.12 3.01 -0.06
BARRETT_IC_8 23711	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	104.29 3.03 -62.47	117.23 2.96 -72.00	104.38 2.95 -60.54	93.81 2.88 -51.44	121.96 2.98 -80.34	117.45 3.14 -73.02	108.04 3.07 -63.51	100.50 3.30 -53.76	139.10 3.47 -87.43	95.82 3.53 -41.87	145.49 3.43 -93.70	93.81 2.92 -49.80	48.67 3.18 -8.89	36.12 3.01 -0.06
BARRETT_IC_9 23700	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	62.11 3.03 -20.29	57.81 2.96 -12.58	64.91 2.95 -21.07	61.58 2.88 -19.21	55.30 2.98 -13.68	69.43 3.14 -25.00	67.10 3.07 -22.57	77.06 3.30 -30.32	84.28 3.47 -32.61	73.87 3.53 -19.92	83.91 3.43 -32.13	61.36 2.92 -17.35	48.67 3.18 -8.89	36.12 3.01 -0.06
BARRETT___1 23545	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	104.29 3.03 -62.47	117.23 2.96 -72.00	104.38 2.95 -60.54	93.81 2.88 -51.44	121.96 2.98 -80.34	117.45 3.14 -73.02	108.04 3.07 -63.51	100.50 3.30 -53.76	139.10 3.47 -87.43	95.82 3.53 -41.87	145.49 3.43 -93.70	93.81 2.92 -49.80	48.67 3.18 -8.89	36.12 3.01 -0.06
BARRETT___2 23546	35.63 2.39 0.00	31.52 2.36 0.00	31.28 2.02 -1.64	31.32 2.05 0.00	32.77 2.06 0.00	36.14 2.40 0.00	43.72 2.97 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.63 3.94 -2.63	62.11 3.03 -20.29	57.81 2.96 -12.58	64.91 2.95 -21.07	61.58 2.88 -19.21	55.30 2.98 -13.68	69.43 3.14 -25.00	67.10 3.07 -22.57	77.06 3.30 -30.32	84.28 3.47 -32.61	73.87 3.53 -19.92	83.91 3.43 -32.13	61.36 2.92 -17.35	48.67 3.18 -8.89	36.12 3.01 -0.06
BATAVIA___115KV_TB1 55881	33.47 0.23 0.00	28.46 -0.70 0.00	26.78 -1.08 -0.23	28.16 -1.11 0.00	29.80 -0.92 0.00	32.73 -1.01 0.00	39.11 -1.63 0.00	40.70 -2.55 0.00	38.91 -1.92 0.00	38.92 -2.13 0.00	37.09 -1.71 0.00	40.03 -2.24 0.00	38.52 -2.37 0.00	37.16 -2.33 0.00	36.44 -2.20 0.00	38.86 -2.44 0.00	38.91 -2.65 -0.10	40.70 -2.74 0.00	45.35 -2.84 0.00	47.80 -2.62 0.00	45.70 -2.66 0.00	39.12 -1.97 0.00	35.02 -1.57 0.00	31.96 -1.09 0.00
BAYONEEC___CTG1 323682	35.10 1.86 -0.01	31.06 1.89 -0.01	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.59 1.85 0.00	43.40 2.65 -0.01	46.63 3.38 -0.01	45.85 3.63 -1.39	47.07 3.74 -2.28	45.55 3.41 -3.35	46.27 3.47 -0.54	45.08 3.44 -0.76	43.77 3.28 -1.00	43.02 3.32 -1.06	46.31 3.47 -1.55	49.99 3.44 -5.10	53.22 3.69 -6.09	53.21 3.86 -1.16	54.69 3.94 -0.33	53.73 3.82 -1.56	45.22 3.25 -0.88	40.49 2.89 -1.01	35.54 2.48 -0.01
BAYONEEC___CTG10 323750	35.10 1.86 -0.01	31.06 1.89 -0.01	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.59 1.85 0.00	43.40 2.65 -0.01	46.63 3.38 -0.01	45.85 3.63 -1.39	47.07 3.74 -2.28	45.55 3.41 -3.35	46.27 3.47 -0.54	45.08 3.44 -0.76	43.77 3.28 -1.00	43.02 3.32 -1.06	46.31 3.47 -1.55	49.99 3.44 -5.10	53.22 3.69 -6.09	53.21 3.86 -1.16	54.69 3.94 -0.33	53.73 3.82 -1.56	45.22 3.25 -0.88	40.49 2.89 -1.01	35.54 2.48 -0.01
BAYONEEC___CTG2 323683	35.10 1.86 -0.01	31.06 1.89 -0.01	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.59 1.85 0.00	43.40 2.65 -0.01	46.63 3.38 -0.01	45.85 3.63 -1.39	47.07 3.74 -2.28	45.55 3.41 -3.35	46.27 3.47 -0.54	45.08 3.44 -0.76	43.77 3.28 -1.00	43.02 3.32 -1.06	46.31 3.47 -1.55	49.99 3.44 -5.10	53.22 3.69 -6.09	53.21 3.86 -1.16	54.69 3.94 -0.33	53.73 3.82 -1.56	45.22 3.25 -0.88	40.49 2.89 -1.01	35.54 2.48 -0.01
BAYONEEC___CTG3 323684	35.10 1.86 -0.01	31.06 1.89 -0.01	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.59 1.85 0.00	43.40 2.65 -0.01	46.63 3.38 -0.01	45.85 3.63 -1.39	47.07 3.74 -2.28	45.55 3.41 -3.35	46.27 3.47 -0.54	45.08 3.44 -0.76	43.77 3.28 -1.00	43.02 3.32 -1.06	46.31 3.47 -1.55	49.99 3.44 -5.10	53.22 3.69 -6.09	53.21 3.86 -1.16	54.69 3.94 -0.33	53.73 3.82 -1.56	45.22 3.25 -0.88	40.49 2.89 -1.01	35.54 2.48 -0.01
BAYONEEC___CTG4 323685	35.10 1.86 -0.01	31.06 1.89 -0.01	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.59 1.85 0.00	43.40 2.65 -0.01	46.63 3.38 -0.01	45.85 3.63 -1.39	47.07 3.74 -2.28	45.55 3.41 -3.35	46.27 3.47 -0.54	45.08 3.44 -0.76	43.77 3.28 -1.00	43.02 3.32 -1.06	46.31 3.47 -1.55	49.99 3.44 -5.10	53.22 3.69 -6.09	53.21 3.86 -1.16	54.69 3.94 -0.33	53.73 3.82 -1.56	45.22 3.25 -0.88	40.49 2.89 -1.01	35.54 2.48 -0.01
BAYONEEC___CTG5 323686	35.10 1.86 -0.01	31.06 1.89 -0.01	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.59 1.85 0.00	43.40 2.65 -0.01	46.63 3.38 -0.01	45.85 3.63 -1.39	47.07 3.74 -2.28	45.55 3.41 -3.35	46.27 3.47 -0.54	45.08 3.44 -0.76	43.77 3.28 -1.00	43.02 3.32 -1.06	46.31 3.47 -1.55	49.99 3.44 -5.10	53.22 3.69 -6.09	53.21 3.86 -1.16	54.69 3.94 -0.33	53.73 3.82 -1.56	45.22 3.25 -0.88	40.49 2.89 -1.01	35.54 2.48 -0.01
BAYONEEC___CTG6 323687	35.10 1.86 -0.01	31.06 1.89 -0.01	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.59 1.85 0.00	43.40 2.65 -0.01	46.63 3.38 -0.01	45.85 3.63 -1.39	47.07 3.74 -2.28	45.55 3.41 -3.35	46.27 3.47 -0.54	45.08 3.44 -0.76	43.77 3.28 -1.00	43.02 3.32 -1.06	46.31 3.47 -1.55	49.99 3.44 -5.10	53.22 3.69 -6.09	53.21 3.86 -1.16	54.69 3.94 -0.33	53.73 3.82 -1.56	45.22 3.25 -0.88	40.49 2.89 -1.01	35.54 2.48 -0.01
BAYONEEC___CTG7 323688	35.10 1.86 -0.01	31.06 1.89 -0.01	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.59 1.85 0.00	43.40 2.65 -0.01	46.63 3.38 -0.01	45.85 3.63 -1.39	47.07 3.74 -2.28	45.55 3.41 -3.35	46.27 3.47 -0.54	45.08 3.44 -0.76	43.77 3.28 -1.00	43.02 3.32 -1.06	46.31 3.47 -1.55	49.99 3.44 -5.10	53.22 3.69 -6.09	53.21 3.86 -1.16	54.69 3.94 -0.33	53.73 3.82 -1.56	45.22 3.25 -0.88	40.49 2.89 -1.01	35.54 2.48 -0.01

BAYONEEC___CTG8 323689	35.10 1.86 -0.01	31.06 1.89 -0.01	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.59 1.85 0.00	43.40 2.65 -0.01	46.63 3.38 -0.01	45.85 3.63 -1.39	47.07 3.74 -2.28	45.55 3.41 -3.35	46.27 3.47 -0.54	45.08 3.44 -0.76	43.77 3.28 -1.00	43.02 3.32 -1.06	46.31 3.47 -1.55	49.99 3.44 -5.10	53.22 3.69 -6.09	53.21 3.86 -1.16	54.69 3.94 -0.33	53.73 3.82 -1.56	45.22 3.25 -0.88	40.49 2.89 -1.01	35.54 2.48 -0.01
BAYONEEC___CTG9 323749	35.10 1.86 -0.01	31.06 1.89 -0.01	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.59 1.85 0.00	43.40 2.65 -0.01	46.63 3.38 -0.01	45.85 3.63 -1.39	47.07 3.74 -2.28	45.55 3.41 -3.35	46.27 3.47 -0.54	45.08 3.44 -0.76	43.77 3.28 -1.00	43.02 3.32 -1.06	46.31 3.47 -1.55	49.99 3.44 -5.10	53.22 3.69 -6.09	53.21 3.86 -1.16	54.69 3.94 -0.33	53.73 3.82 -1.56	45.22 3.25 -0.88	40.49 2.89 -1.01	35.54 2.48 -0.01
BEACON___LESR 323632	34.20 0.96 0.00	30.27 1.11 0.00	30.61 0.99 -2.00	30.33 1.05 0.00	31.76 1.04 0.00	34.89 1.15 0.00	42.17 1.43 0.00	45.07 1.82 0.00	29.48 2.04 13.39	23.43 2.05 19.68	11.87 1.98 28.90	44.04 1.77 0.00	42.69 1.80 0.00	41.27 1.78 0.00	40.34 1.70 0.00	37.71 1.94 5.52	34.52 1.91 8.85	34.78 1.87 10.53	42.37 2.07 7.90	42.76 2.07 9.74	41.10 2.03 9.29	34.31 1.85 8.63	38.17 1.57 0.00	34.41 1.36 0.00
BEAVER RIVER___HYD 24048	32.34 -0.90 0.00	28.35 -0.82 0.00	26.94 -0.74 -0.06	28.54 -0.73 0.00	30.13 -0.58 0.00	33.24 -0.51 0.00	40.21 -0.53 0.00	42.56 -0.69 0.00	40.01 -0.82 0.00	39.95 -1.11 0.00	37.32 -1.47 0.00	40.53 -1.73 0.00	39.18 -1.72 0.00	37.83 -1.66 0.00	36.98 -1.66 0.00	39.56 -1.73 0.00	39.83 -1.66 -0.03	41.88 -1.56 0.00	46.90 -1.30 0.00	49.32 -1.11 0.00	47.39 -0.97 0.00	39.71 -0.90 0.48	32.88 -1.02 2.69	26.84 -1.06 5.15
BEEBEE_GT_13 23619	33.23 0.00 0.00	28.61 -0.55 0.00	27.07 -0.75 -0.20	28.42 -0.85 0.00	29.98 -0.74 0.00	32.93 -0.81 0.00	39.52 -1.22 0.00	41.43 -1.82 0.00	39.44 -1.39 0.00	39.62 -1.44 0.00	37.67 -1.12 0.00	40.79 -1.48 0.00	39.38 -1.51 0.00	37.99 -1.50 0.00	37.25 -1.39 0.00	39.76 -1.53 0.00	39.93 -1.62 -0.09	41.57 -1.87 0.00	46.27 -1.93 0.00	48.56 -1.87 0.00	46.47 -1.89 0.00	39.65 -1.44 0.00	35.39 -1.21 0.00	32.19 -0.86 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.45 2.19 -0.02	31.40 2.22 -0.02	31.23 1.96 -1.65	31.30 2.02 -0.01	32.75 2.03 -0.01	36.01 2.26 -0.01	43.82 3.06 -0.02	47.12 3.85 -0.02	47.23 4.12 -2.28	51.25 4.31 -5.88	51.32 3.88 -8.65	51.77 3.97 -5.53	52.59 3.97 -7.73	53.50 3.79 -10.22	53.18 3.79 -10.75	59.23 4.05 -13.89	87.08 4.02 -41.60	105.68 4.30 -57.94	62.02 4.58 -9.24	55.44 4.64 -0.38	65.78 4.59 -12.83	51.02 3.70 -6.23	49.87 3.22 -10.05	35.82 2.71 -0.06
BETHLEHEM___GRP 23843	33.77 0.53 0.00	29.89 0.73 0.00	30.26 0.64 -2.00	29.95 0.67 0.00	31.33 0.61 0.00	34.38 0.64 0.00	41.56 0.81 0.00	44.37 1.12 0.00	35.64 1.35 6.53	32.81 1.35 9.60	25.97 1.28 14.10	43.32 1.06 0.00	42.00 1.10 0.00	40.60 1.11 0.00	39.69 1.04 0.00	39.66 1.24 2.87	38.50 1.20 4.16	39.19 1.22 5.47	45.40 1.30 4.10	46.63 1.26 5.05	44.74 1.21 4.82	37.84 1.23 4.48	37.62 1.02 0.00	33.94 0.89 0.00
BETHLEHEM___GS1 323560	33.76 0.53 0.00	29.89 0.73 0.00	30.26 0.64 -2.00	29.95 0.67 0.00	31.33 0.61 0.00	34.38 0.64 0.00	41.56 0.81 0.00	44.37 1.12 0.00	35.64 1.35 6.53	32.89 1.44 9.60	26.01 1.32 14.10	43.32 1.06 0.00	42.00 1.10 0.00	40.59 1.10 0.00	39.72 1.08 0.00	39.66 1.24 2.87	38.54 1.24 4.16	39.19 1.21 5.47	45.40 1.30 4.10	46.63 1.26 5.05	44.79 1.26 4.82	37.80 1.19 4.48	37.62 1.02 0.00	33.94 0.89 0.00
BETHLEHEM___GS2 323561	33.76 0.53 0.00	29.89 0.73 0.00	30.26 0.64 -2.00	29.95 0.67 0.00	31.33 0.61 0.00	34.38 0.64 0.00	41.56 0.81 0.00	44.37 1.12 0.00	35.64 1.35 6.53	32.89 1.44 9.60	26.01 1.32 14.10	43.32 1.06 0.00	42.00 1.10 0.00	40.59 1.10 0.00	39.72 1.08 0.00	39.66 1.24 2.87	38.54 1.24 4.16	39.19 1.21 5.47	45.40 1.30 4.10	46.63 1.26 5.05	44.79 1.26 4.82	37.80 1.19 4.48	37.62 1.02 0.00	33.94 0.89 0.00
BETHLEHEM___GS3 323562	33.76 0.53 0.00	29.89 0.73 0.00	30.26 0.64 -2.00	29.95 0.67 0.00	31.33 0.61 0.00	34.38 0.64 0.00	41.56 0.81 0.00	44.37 1.12 0.00	35.64 1.35 6.53	32.89 1.44 9.60	26.01 1.32 14.10	43.32 1.06 0.00	42.00 1.10 0.00	40.59 1.10 0.00	39.72 1.08 0.00	39.66 1.24 2.87	38.54 1.24 4.16	39.19 1.21 5.47	45.40 1.30 4.10	46.63 1.26 5.05	44.79 1.26 4.82	37.80 1.19 4.48	37.62 1.02 0.00	33.94 0.89 0.00
BETHLEHEM___STEEL 23779	32.97 -0.27 0.00	28.05 -1.11 0.00	26.23 -1.66 -0.27	27.66 -1.61 0.00	29.30 -1.41 0.00	32.15 -1.59 0.00	38.54 -2.20 0.00	39.96 -3.29 0.00	38.18 -2.65 0.00	38.18 -2.87 0.00	36.54 -2.25 0.00	39.43 -2.83 0.00	38.03 -2.86 0.00	36.77 -2.72 0.00	35.98 -2.67 0.00	38.36 -2.93 0.00	38.18 -3.40 -0.12	40.10 -3.34 0.00	44.44 -3.76 0.00	46.79 -3.63 0.00	44.63 -3.72 0.00	38.34 -2.75 0.00	34.36 -2.23 0.00	31.43 -1.62 0.00
BETHLHEM_115KV_TB1 79974	33.83 0.60 0.00	29.95 0.79 0.00	30.31 0.69 -2.00	29.98 0.70 0.00	31.39 0.68 0.00	34.45 0.71 0.00	41.60 0.86 0.00	44.42 1.17 0.00	36.00 1.31 6.13	33.40 1.35 9.01	26.80 1.24 13.24	43.37 1.10 0.00	42.04 1.14 0.00	40.64 1.15 0.00	39.76 1.12 0.00	39.88 1.28 2.70	38.88 1.29 3.86	39.56 1.26 5.14	45.69 1.35 3.86	46.98 1.31 4.76	45.12 1.31 4.54	38.15 1.27 4.22	37.66 1.06 0.00	34.01 0.96 0.00
BETHPAGE_CC_5 323564	35.76 2.52 0.00	31.64 2.48 0.00	31.39 2.13 -1.64	31.44 2.17 0.00	32.87 2.15 0.00	36.30 2.56 0.00	43.88 3.14 0.00	46.92 3.67 0.00	46.21 4.08 -1.30	47.26 4.23 -1.98	50.11 3.49 -7.83	51.42 3.47 -5.69	50.27 3.44 -5.95	49.97 3.40 -7.08	50.77 3.44 -8.69	51.44 3.63 -6.51	51.91 3.61 -6.85	70.53 3.86 -23.22	64.23 4.09 -11.94	66.97 4.18 -12.36	60.84 4.06 -8.42	49.43 3.45 -4.89	41.13 3.59 -0.94	36.31 3.24 -0.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.97 -0.27 0.00	28.03 -1.14 0.00	26.15 -1.74 -0.27	27.63 -1.64 0.00	29.27 -1.44 0.00	32.15 -1.59 0.00	38.58 -2.16 0.00	40.01 -3.24 0.00	38.22 -2.61 0.00	38.22 -2.83 0.00	36.58 -2.21 0.00	39.48 -2.79 0.00	38.07 -2.82 0.00	36.81 -2.69 0.00	36.01 -2.63 0.00	38.36 -2.93 0.00	38.14 -3.44 -0.12	40.14 -3.30 0.00	44.49 -3.71 0.00	46.84 -3.58 0.00	44.68 -3.68 0.00	38.38 -2.71 0.00	34.40 -2.20 0.00	31.43 -1.62 0.00
BINGHAMTON___COGEN 23790	33.53 0.30 0.00	29.31 0.15 0.00	28.06 -0.08 -0.53	29.21 -0.06 0.00	30.72 0.00 0.00	33.81 0.07 0.00	40.91 0.16 0.00	43.29 0.04 0.00	40.91 0.08 0.00	41.06 0.00 0.00	38.91 0.12 0.00	42.27 0.00 0.00	40.85 -0.04 0.00	39.49 0.00 0.00	38.68 0.04 0.00	41.29 0.00 0.00	41.58 -0.12 -0.24	43.44 0.00 0.00	48.25 0.05 0.00	50.53 0.10 0.00	48.40 0.05 0.00	41.21 0.12 0.00	36.63 0.04 0.00	33.12 0.07 0.00

BIXINCNT_115KV_LOAD 355685	32.74 -0.50 0.00	27.85 -1.31 0.00	25.92 -1.99 -0.29	27.52 -1.76 0.00	29.21 -1.51 0.00	32.19 -1.55 0.00	38.71 -2.04 0.00	40.31 -2.94 0.00	38.38 -2.45 0.00	38.39 -2.67 0.00	36.62 -2.17 0.00	39.48 -2.79 0.00	38.03 -2.86 0.00	36.73 -2.76 0.00	35.90 -2.74 0.00	38.28 -3.01 0.00	37.94 -3.65 -0.13	40.23 -3.21 0.00	44.49 -3.71 0.00	46.90 -3.53 0.00	44.63 -3.72 0.00	38.38 -2.71 0.00	34.29 -2.31 0.00	31.20 -1.85 0.00
BLACK RIVER___HYD 24047	32.74 -0.50 0.00	28.67 -0.50 0.00	27.21 -0.50 -0.09	28.78 -0.50 0.00	30.47 -0.25 0.00	33.64 -0.10 0.00	40.70 -0.04 0.00	43.08 -0.17 0.00	40.42 -0.41 0.00	40.24 -0.82 0.00	37.75 -1.05 0.00	40.96 -1.31 0.00	39.54 -1.35 0.00	38.23 -1.27 0.00	37.33 -1.31 0.00	40.01 -1.28 0.00	40.21 -1.29 -0.04	42.40 -1.04 0.00	47.62 -0.58 0.00	50.12 -0.30 0.00	48.31 -0.05 0.00	40.60 -0.16 0.33	34.29 -0.48 1.83	28.95 -0.59 3.51
BLACKRVR_115KV_TB2 79977	32.74 -0.50 0.00	28.67 -0.50 0.00	27.21 -0.50 -0.09	28.78 -0.50 0.00	30.47 -0.25 0.00	33.64 -0.10 0.00	40.70 -0.04 0.00	43.08 -0.17 0.00	40.42 -0.41 0.00	40.24 -0.82 0.00	37.74 -1.05 0.00	41.00 -1.27 0.00	39.54 -1.35 0.00	38.23 -1.26 0.00	37.33 -1.31 0.00	40.01 -1.28 0.00	40.21 -1.29 -0.04	42.40 -1.04 0.00	47.62 -0.58 0.00	50.12 -0.30 0.00	48.31 -0.05 0.00	40.60 -0.16 0.33	34.29 -0.48 1.83	28.94 -0.59 3.52
BLDWN_LI_69_KV_BK4 356085	35.76 2.53 0.00	31.64 2.48 0.00	31.39 2.13 -1.64	31.41 2.14 0.00	32.87 2.15 0.00	36.27 2.53 0.00	44.29 3.54 0.00	47.10 3.85 0.00	46.33 4.21 -1.30	47.39 4.19 -2.14	63.45 3.37 -21.28	67.81 3.55 -21.99	63.88 3.48 -19.51	61.26 3.32 -18.45	68.71 3.36 -26.71	67.78 3.59 -22.89	65.85 3.52 -20.87	81.06 3.78 -33.84	83.47 4.05 -31.23	75.67 4.19 -21.06	81.94 4.16 -29.43	60.46 3.37 -16.00	43.04 3.51 -2.93	36.28 3.21 -0.03
BLISS_WT_PWR 323608	32.67 -0.57 0.00	27.76 -1.40 0.00	25.87 -2.04 -0.29	27.49 -1.79 0.00	29.18 -1.53 0.00	32.16 -1.59 0.00	38.71 -2.04 0.00	40.27 -2.98 0.00	38.34 -2.49 0.00	38.22 -2.83 0.00	36.39 -2.41 0.00	39.31 -2.96 0.00	37.91 -2.98 0.00	36.65 -2.84 0.00	35.78 -2.86 0.00	38.20 -3.10 0.00	37.82 -3.77 -0.13	40.14 -3.30 0.00	44.44 -3.76 0.00	46.79 -3.63 0.00	44.83 -3.53 0.00	38.34 -2.75 0.00	34.11 -2.49 0.00	31.10 -1.95 0.00
BLUESTONE___WT_PWR 323821	34.56 1.33 0.00	30.33 1.17 0.00	29.09 0.91 -0.57	30.21 0.94 0.00	31.95 1.23 0.00	35.22 1.48 0.00	42.66 1.92 0.00	45.24 1.99 0.00	43.07 1.84 -0.40	43.25 1.60 -0.59	41.22 1.55 -0.87	43.70 1.44 0.00	42.04 1.14 0.00	40.59 1.10 0.00	39.72 1.08 0.00	42.53 1.24 0.00	42.79 1.08 -0.26	44.79 1.35 0.00	49.93 1.73 0.00	52.34 1.92 0.00	50.24 1.88 0.00	42.65 1.56 0.00	37.73 1.14 0.00	34.04 0.99 0.00
BLUE_CIRC_CHEM_DRP 24182	34.10 0.86 0.00	30.18 1.02 0.00	30.51 0.91 -1.98	30.27 1.00 0.00	31.70 0.98 0.00	34.75 1.01 0.00	41.93 1.18 0.00	44.68 1.43 0.00	35.87 1.35 6.30	33.11 1.31 9.26	26.43 1.24 13.60	43.58 1.31 0.00	42.24 1.35 0.00	40.79 1.30 0.00	39.92 1.28 0.00	40.07 1.49 2.71	39.01 1.45 3.90	39.75 1.48 5.17	45.96 1.64 3.88	47.26 1.61 4.78	45.44 1.64 4.56	38.37 1.52 4.24	37.88 1.28 0.00	34.21 1.16 0.00
BOC_GAS_DRP 24189	33.96 0.73 0.00	30.04 0.87 0.00	30.42 0.80 -2.00	30.09 0.82 0.00	31.52 0.80 0.00	34.58 0.84 0.00	41.72 0.98 0.00	44.50 1.25 0.00	38.10 1.18 3.91	36.50 1.19 5.75	31.44 1.09 8.44	43.49 1.23 0.00	42.16 1.27 0.00	40.71 1.22 0.00	39.84 1.20 0.00	40.90 1.36 1.76	40.62 1.37 2.21	41.48 1.39 3.35	47.18 1.49 2.51	48.84 1.51 3.10	46.90 1.50 2.96	39.70 1.36 2.75	37.77 1.17 0.00	34.08 1.02 0.00
BOONVILLE_115KV_TB1 79983	33.37 0.13 0.00	29.31 0.15 0.00	27.78 0.11 -0.05	29.39 0.12 0.00	30.99 0.28 0.00	34.11 0.37 0.00	41.27 0.53 0.00	43.77 0.52 0.00	41.24 0.41 0.00	41.26 0.21 0.00	38.83 0.04 0.00	42.22 -0.04 0.00	40.77 -0.12 0.00	39.41 -0.08 0.00	38.53 -0.12 0.00	41.25 -0.04 0.00	41.44 -0.04 -0.02	43.53 0.09 0.00	48.49 0.29 0.00	50.83 0.40 0.00	48.84 0.48 0.00	41.34 0.37 0.12	36.11 0.18 0.67	31.82 0.07 1.30
BORALEX_4TH_BRANCH 23824	35.09 1.86 0.00	31.00 1.84 0.00	31.27 1.66 -1.99	31.00 1.73 0.00	32.44 1.72 0.00	35.66 1.92 0.00	43.15 2.40 0.00	46.23 2.98 0.00	51.56 3.23 -7.50	55.32 3.24 -11.02	58.00 3.03 -16.19	45.14 2.87 0.00	43.71 2.82 0.00	42.29 2.80 0.00	41.35 2.70 0.00	46.78 3.06 -2.44	49.72 3.07 -5.19	51.21 3.13 -4.65	55.10 3.42 -3.49	58.25 3.53 -4.30	55.89 3.43 -4.10	47.94 3.04 -3.81	39.23 2.63 0.00	35.36 2.31 0.00
BOWLINE___1 23526	34.73 1.50 0.00	30.74 1.57 0.00	30.56 1.35 -1.59	30.62 1.35 0.00	32.07 1.35 0.00	35.29 1.55 0.00	42.90 2.16 0.00	45.98 2.73 0.00	45.01 2.98 -1.21	45.87 3.04 -1.77	44.26 2.87 -2.60	45.14 2.88 0.00	43.71 2.82 0.00	42.21 2.72 0.00	41.39 2.74 0.00	44.31 2.85 -0.17	45.37 2.90 -1.01	46.85 3.08 -0.32	51.72 3.28 -0.24	54.15 3.43 -0.30	51.88 3.24 -0.28	44.15 2.80 -0.26	39.01 2.41 0.00	35.10 2.05 0.00
BOWLINE___2 23595	34.73 1.50 0.00	30.74 1.57 0.00	30.56 1.35 -1.59	30.62 1.35 0.00	32.07 1.35 0.00	35.29 1.55 0.00	42.90 2.16 0.00	45.98 2.73 0.00	45.01 2.98 -1.21	45.91 3.08 -1.77	44.26 2.87 -2.60	45.14 2.88 0.00	43.71 2.82 0.00	42.21 2.72 0.00	41.39 2.74 0.00	44.35 2.89 -0.17	45.37 2.90 -1.01	46.85 3.08 -0.32	51.72 3.28 -0.24	54.15 3.43 -0.30	51.93 3.29 -0.28	44.15 2.80 -0.26	39.01 2.41 0.00	35.10 2.05 0.00
BRADY___115KV_TB2 356060	32.37 -0.86 0.00	28.29 -0.87 0.00	26.98 -0.64 0.00	28.86 -0.41 0.00	30.29 -0.43 0.00	33.30 -0.44 0.00	40.34 -0.41 0.00	42.47 -0.78 0.00	39.97 -0.86 0.00	40.15 -0.90 0.00	37.78 -1.01 0.00	41.04 -1.23 0.00	39.71 -1.19 0.00	38.31 -1.18 0.00	37.41 -1.24 0.00	39.89 -1.40 0.00	40.17 -1.29 0.00	42.14 -1.30 0.00	46.90 -1.30 0.00	49.32 -1.11 0.00	47.20 -1.16 0.00	38.48 -1.03 1.58	26.84 -0.88 8.88	15.18 -0.83 17.04
BRANSCOMB___SOLAR 323811	34.86 1.63 0.00	30.79 1.63 0.00	31.18 1.52 -2.04	30.85 1.58 0.00	32.37 1.66 0.00	35.56 1.82 0.00	43.02 2.28 0.00	45.54 2.29 0.00	50.28 2.29 -7.17	53.76 2.17 -10.53	56.43 2.17 -15.46	44.42 2.15 0.00	42.94 2.04 0.00	41.54 2.05 0.00	40.57 1.93 0.00	45.46 2.23 -1.94	47.99 2.20 -4.34	49.31 2.17 -3.70	53.48 2.50 -2.78	56.47 2.62 -3.42	54.13 2.51 -3.27	46.38 2.26 -3.03	38.79 2.20 0.00	35.00 1.95 0.00
BRDGHMPT_69_KV_BK1 55812	36.36 3.12 0.00	32.22 3.06 0.00	31.97 2.71 -1.64	31.97 2.69 0.00	33.42 2.70 0.00	36.95 3.21 0.00	45.27 4.52 0.00	48.01 4.76 0.00	47.31 5.19 -1.29	48.07 5.09 -1.92	47.62 4.15 -4.68	48.43 4.31 -1.85	47.83 4.25 -2.69	47.57 3.99 -4.09	46.74 3.98 -4.12	48.15 4.17 -2.69	49.13 4.15 -3.53	66.27 4.47 -18.36	59.77 4.68 -6.90	64.44 4.79 -9.23	56.61 4.74 -3.52	47.17 3.82 -2.26	40.92 3.99 -0.34	36.70 3.64 -0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	35.96 2.73 0.00	31.82 2.65 0.00	31.55 2.29 -1.64	31.56 2.28 0.00	33.02 2.30 0.00	36.47 2.73 0.00	44.62 3.87 0.00	47.23 3.98 0.00	46.57 4.45 -1.29	47.38 4.39 -1.93	47.49 3.65 -5.05	48.33 3.76 -2.30	47.77 3.80 -3.07	47.55 3.63 -4.43	47.01 3.71 -4.65	48.31 3.88 -3.14	49.23 3.86 -3.92	66.44 4.13 -18.87	60.15 4.48 -7.47	64.58 4.59 -9.57	56.99 4.55 -4.09	47.43 3.78 -2.57	40.95 3.95 -0.40	36.60 3.54 -0.01
BRISTLHL_115KV_TB1 79998	32.77 -0.47 0.00	28.64 -0.52 0.00	27.20 -0.55 -0.13	28.63 -0.64 0.00	30.10 -0.61 0.00	33.10 -0.64 0.00	39.97 -0.77 0.00	42.25 -0.99 0.00	39.89 -0.94 0.00	40.11 -0.94 0.00	37.98 -0.81 0.00	41.25 -1.01 0.00	39.91 -0.98 0.00	38.58 -0.91 0.00	37.75 -0.89 0.00	40.34 -0.95 0.00	40.56 -0.95 -0.05	42.44 -1.00 0.00	47.14 -1.06 0.00	49.32 -1.11 0.00	47.24 -1.11 0.00	40.14 -0.95 0.00	35.68 -0.91 0.00	32.26 -0.79 0.00
BROOKHAVEN___DRP 24191	35.96 2.73 0.00	31.85 2.68 0.00	31.58 2.32 -1.64	31.59 2.31 0.00	33.02 2.30 0.00	36.51 2.77 0.00	44.70 3.95 0.00	47.31 4.07 0.00	46.62 4.49 -1.29	47.37 4.39 -1.92	47.11 3.65 -4.67	47.86 3.76 -1.84	47.33 3.76 -2.68	47.16 3.59 -4.08	46.42 3.67 -4.11	47.81 3.84 -2.68	48.75 3.77 -3.52	65.91 4.13 -18.34	59.51 4.43 -6.88	64.13 4.49 -9.22	56.35 4.50 -3.50	47.03 3.70 -2.25	40.88 3.95 -0.33	36.56 3.50 -0.01
BROOKLYN_NAVY_YARD 23515	35.06 1.83 0.00	31.03 1.87 0.00	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.56 1.82 0.00	43.39 2.65 0.00	46.63 3.38 0.00	45.75 3.63 -1.29	46.72 3.77 -1.89	45.08 3.41 -2.87	46.13 3.47 -0.40	44.28 3.39 0.00	42.77 3.28 0.00	42.36 3.21 -0.51	44.90 3.43 -0.18	45.96 3.44 -1.06	47.53 3.74 -0.35	52.36 3.90 -0.26	54.73 3.98 -0.32	52.53 3.87 -0.31	44.62 3.25 -0.29	39.49 2.89 0.00	35.50 2.45 0.00
BROOKLYN___ARMY_DRP 323595	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06
BROOME_2_LFGE 323671	33.53 0.30 0.00	29.31 0.15 0.00	28.06 -0.08 -0.53	29.21 -0.06 0.00	30.72 0.00 0.00	33.81 0.07 0.00	40.91 0.16 0.00	43.29 0.04 0.00	40.91 0.08 0.00	41.06 0.00 0.00	38.87 0.08 0.00	42.22 -0.04 0.00	40.85 -0.04 0.00	39.49 0.00 0.00	38.68 0.04 0.00	41.33 0.04 0.00	41.58 -0.12 -0.24	43.44 0.00 0.00	48.25 0.05 0.00	50.58 0.15 0.00	48.45 0.10 0.00	41.21 0.12 0.00	36.60 0.00 0.00	33.12 0.07 0.00
BROOME___LFGE 323600	33.53 0.30 0.00	29.31 0.15 0.00	28.06 -0.08 -0.53	29.21 -0.06 0.00	30.72 0.00 0.00	33.81 0.07 0.00	40.91 0.16 0.00	43.29 0.04 0.00	40.91 0.08 0.00	41.06 0.00 0.00	38.87 0.08 0.00	42.22 -0.04 0.00	40.85 -0.04 0.00	39.49 0.00 0.00	38.68 0.04 0.00	41.33 0.04 0.00	41.58 -0.12 -0.24	43.44 0.00 0.00	48.25 0.05 0.00	50.58 0.15 0.00	48.45 0.10 0.00	41.21 0.12 0.00	36.60 0.00 0.00	33.12 0.07 0.00
BROWNFLS_115KV_TB_3_5 80003	31.67 -1.56 0.00	27.73 -1.43 0.00	26.39 -1.27 -0.04	28.10 -1.17 0.00	29.58 -1.14 0.00	32.56 -1.18 0.00	39.44 -1.30 0.00	41.69 -1.56 0.00	39.24 -1.59 0.00	39.29 -1.77 0.00	36.81 -1.98 0.00	40.03 -2.24 0.00	38.64 -2.25 0.00	37.32 -2.17 0.00	36.44 -2.20 0.00	38.94 -2.35 0.00	39.20 -2.28 -0.02	41.18 -2.26 0.00	45.93 -2.27 0.00	48.26 -2.17 0.00	46.32 -2.03 0.00	38.36 -1.81 0.92	29.73 -1.72 5.15	21.51 -1.65 9.89
BROWNSV1_27_KV_LOAD 356125	35.36 2.13 0.00	31.26 2.10 0.00	31.05 1.80 -1.64	31.09 1.81 0.00	32.56 1.84 0.00	35.80 2.06 0.00	43.76 3.02 0.00	46.93 3.68 0.00	46.04 3.92 -1.29	46.97 4.02 -1.89	45.21 3.65 -2.77	46.03 3.76 0.00	44.65 3.76 0.00	43.04 3.55 0.00	42.20 3.56 0.00	45.27 3.80 -0.18	46.29 3.77 -1.06	47.83 4.04 -0.35	52.70 4.24 -0.26	55.13 4.39 -0.32	52.97 4.30 -0.31	44.91 3.53 -0.29	39.74 3.15 0.00	35.76 2.71 0.00
BURROWS___LYONSDAL 23803	33.13 -0.10 0.00	29.08 -0.09 0.00	27.59 -0.08 -0.05	29.19 -0.09 0.00	30.78 0.06 0.00	33.91 0.17 0.00	41.03 0.29 0.00	43.47 0.22 0.00	40.95 0.12 0.00	40.97 -0.08 0.00	38.40 -0.39 0.00	41.76 -0.51 0.00	40.36 -0.53 0.00	38.98 -0.51 0.00	38.14 -0.50 0.00	40.80 -0.50 0.00	41.03 -0.46 -0.02	43.09 -0.35 0.00	48.10 -0.10 0.00	50.42 0.00 0.00	48.45 0.10 0.00	40.94 0.04 0.19	35.38 -0.15 1.07	30.76 -0.23 2.06
CAITHNESS_CC_1 323624	35.86 2.62 0.00	31.76 2.59 0.00	31.50 2.24 -1.64	31.56 2.28 0.00	32.96 2.24 0.00	36.41 2.66 0.00	43.92 3.18 0.00	47.01 3.76 0.00	46.33 4.21 -1.29	47.29 4.31 -1.92	47.10 3.65 -4.66	47.64 3.55 -1.82	47.08 3.52 -2.67	47.07 3.51 -4.07	46.33 3.59 -4.09	47.67 3.72 -2.66	48.65 3.69 -3.51	65.76 3.99 -18.33	59.35 4.29 -6.86	63.97 4.34 -9.21	56.05 4.20 -3.49	46.90 3.57 -2.24	40.77 3.84 -0.33	36.47 3.40 -0.01
CALPINE BETH_PAGE_GT4 24209	35.76 2.53 0.00	31.64 2.48 0.00	31.42 2.15 -1.64	31.41 2.14 0.00	32.90 2.18 0.00	36.30 2.56 0.00	44.21 3.46 0.00	46.80 3.55 0.00	46.13 4.00 -1.30	47.08 4.02 -2.00	51.88 3.26 -9.83	53.76 3.38 -8.11	52.25 3.35 -8.00	51.60 3.20 -8.91	53.43 3.28 -11.50	53.71 3.47 -8.95	53.81 3.40 -8.95	72.86 3.65 -25.77	67.12 3.90 -15.02	68.51 3.98 -14.10	63.86 3.97 -11.54	50.89 3.25 -6.56	41.28 3.48 -1.20	36.21 3.14 -0.02
CALPINE_BETH_PAGE_GT_4 323586	35.76 2.52 0.00	31.64 2.48 0.00	31.42 2.16 -1.64	31.44 2.17 0.00	32.90 2.18 0.00	36.30 2.56 0.00	43.84 3.10 0.00	46.80 3.55 0.00	46.09 3.96 -1.30	47.12 4.07 -2.00	51.99 3.37 -9.83	53.72 3.34 -8.11	52.20 3.31 -8.00	51.64 3.24 -8.91	53.46 3.32 -11.50	53.71 3.47 -8.95	53.85 3.44 -8.95	72.95 3.74 -25.77	67.17 3.95 -15.02	68.57 4.04 -14.10	63.81 3.92 -11.54	50.94 3.29 -6.56	41.28 3.48 -1.20	36.21 3.14 -0.02
CALPINE_BP_GT1 23823	35.76 2.52 0.00	31.64 2.48 0.00	31.42 2.16 -1.64	31.44 2.17 0.00	32.90 2.18 0.00	36.30 2.56 0.00	43.84 3.10 0.00	46.80 3.55 0.00	46.09 3.96 -1.30	47.12 4.07 -2.00	51.99 3.37 -9.83	53.72 3.34 -8.11	52.20 3.31 -8.00	51.64 3.24 -8.91	53.46 3.32 -11.50	53.71 3.47 -8.95	53.85 3.44 -8.95	72.95 3.74 -25.77	67.17 3.95 -15.02	68.57 4.04 -14.10	63.81 3.92 -11.54	50.94 3.29 -6.56	41.28 3.48 -1.20	36.21 3.14 -0.02
CALSPAN___DRP 24200	32.97 -0.27 0.00	28.05 -1.11 0.00	26.23 -1.66 -0.27	27.66 -1.61 0.00	29.30 -1.41 0.00	32.15 -1.59 0.00	38.54 -2.20 0.00	39.96 -3.29 0.00	38.18 -2.65 0.00	38.18 -2.87 0.00	36.54 -2.25 0.00	39.43 -2.83 0.00	38.03 -2.86 0.00	36.77 -2.72 0.00	35.98 -2.67 0.00	38.36 -2.93 0.00	38.18 -3.40 -0.12	40.10 -3.34 0.00	44.44 -3.76 0.00	46.79 -3.63 0.00	44.63 -3.72 0.00	38.34 -2.75 0.00	34.36 -2.23 0.00	31.43 -1.62 0.00

CALVERTON___SOLAR 323806	36.06 2.82 0.00	31.93 2.77 0.00	31.66 2.40 -1.64	31.73 2.46 0.00	33.11 2.40 0.00	36.61 2.87 0.00	44.21 3.46 0.00	47.36 4.11 0.00	46.66 4.53 -1.29	47.58 4.60 -1.92	47.34 3.88 -4.67	47.95 3.85 -1.84	47.34 3.76 -2.68	47.32 3.75 -4.08	46.54 3.79 -4.11	47.94 3.96 -2.68	48.92 3.94 -3.52	66.09 4.30 -18.35	59.66 4.58 -6.89	64.34 4.69 -9.22	56.41 4.54 -3.51	47.16 3.82 -2.25	40.96 4.03 -0.33	36.63 3.57 -0.01
CANDIGU_WT_PWR 323617	33.13 -0.10 0.00	28.61 -0.55 0.00	27.01 -0.97 -0.36	28.31 -0.97 0.00	29.89 -0.83 0.00	32.93 -0.81 0.00	39.73 -1.02 0.00	41.69 -1.56 0.00	39.40 -1.43 0.00	39.33 -1.72 0.00	37.32 -1.47 0.00	40.28 -1.99 0.00	38.89 -2.00 0.00	37.60 -1.89 0.00	36.90 -1.74 0.00	39.31 -1.98 0.00	39.39 -2.24 -0.17	41.40 -2.04 0.00	46.17 -2.02 0.00	48.51 -1.92 0.00	46.57 -1.79 0.00	39.61 -1.48 0.00	35.13 -1.46 0.00	31.96 -1.09 0.00
CARR STREET_E_SYR 24060	33.13 -0.10 0.00	28.96 -0.20 0.00	27.49 -0.28 -0.15	28.92 -0.35 0.00	30.41 -0.31 0.00	33.44 -0.30 0.00	40.54 -0.20 0.00	42.90 -0.35 0.00	40.38 -0.45 0.00	40.65 -0.41 0.00	38.48 -0.31 0.00	41.84 -0.42 0.00	40.48 -0.41 0.00	39.13 -0.36 0.00	38.29 -0.35 0.00	40.96 -0.33 0.00	41.11 -0.41 -0.07	42.96 -0.48 0.00	47.72 -0.48 0.00	49.92 -0.50 0.00	47.87 -0.48 0.00	40.68 -0.41 0.00	36.16 -0.44 0.00	32.69 -0.36 0.00
CARTHAGE___PAPER 23857	32.40 -0.83 0.00	28.40 -0.76 0.00	27.01 -0.69 -0.08	28.57 -0.70 0.00	30.19 -0.52 0.00	33.34 -0.40 0.00	40.38 -0.37 0.00	42.73 -0.52 0.00	40.10 -0.73 0.00	39.95 -1.11 0.00	37.36 -1.43 0.00	40.57 -1.69 0.00	39.18 -1.72 0.00	37.83 -1.66 0.00	36.98 -1.66 0.00	39.60 -1.69 0.00	39.87 -1.62 -0.03	42.01 -1.43 0.00	47.14 -1.06 0.00	49.62 -0.81 0.00	47.78 -0.58 0.00	40.09 -0.62 0.39	33.59 -0.84 2.16	28.01 -0.89 4.15
CASSADAGA_WT_PWR 323784	33.20 -0.03 0.00	28.17 -0.99 0.00	26.28 -1.63 -0.29	27.84 -1.43 0.00	29.61 -1.10 0.00	32.66 -1.08 0.00	39.40 -1.34 0.00	41.35 -1.90 0.00	39.44 -1.39 0.00	39.33 -1.72 0.00	37.59 -1.20 0.00	40.62 -1.65 0.00	39.14 -1.76 0.00	37.75 -1.74 0.00	36.79 -1.85 0.00	39.06 -2.23 0.00	38.77 -2.82 -0.13	41.01 -2.43 0.00	45.40 -2.80 0.00	47.85 -2.57 0.00	45.74 -2.61 0.00	39.04 -2.05 0.00	34.62 -1.98 0.00	31.63 -1.42 0.00
CE_DUNWOOD___DRP 24194	34.90 1.66 0.00	30.88 1.72 0.00	30.72 1.46 -1.63	30.77 1.49 0.00	32.22 1.51 0.00	35.43 1.69 0.00	43.11 2.36 0.00	46.19 2.94 0.00	45.30 3.18 -1.29	46.23 3.28 -1.89	44.59 3.03 -2.78	45.35 3.09 0.00	43.96 3.07 0.00	42.41 2.92 0.00	41.58 2.94 0.00	44.57 3.10 -0.18	45.62 3.11 -1.06	47.09 3.30 -0.35	51.98 3.52 -0.26	54.38 3.63 -0.32	52.24 3.58 -0.31	44.33 2.96 -0.29	39.19 2.60 0.00	35.26 2.21 0.00
CE_MILLWOOD___DRP 24193	34.83 1.60 0.00	30.82 1.66 0.00	30.68 1.44 -1.63	30.74 1.46 0.00	32.16 1.44 0.00	35.36 1.62 0.00	43.07 2.32 0.00	46.10 2.85 0.00	45.21 3.10 -1.28	46.14 3.20 -1.88	44.50 2.95 -2.76	45.23 2.96 0.00	43.84 2.94 0.00	42.33 2.84 0.00	41.50 2.86 0.00	44.49 3.01 -0.18	45.54 3.03 -1.05	47.00 3.21 -0.35	51.88 3.42 -0.26	54.28 3.53 -0.32	52.10 3.43 -0.31	44.25 2.88 -0.29	39.12 2.53 0.00	35.20 2.15 0.00
CE_NYC2_DRP 24202	35.19 1.96 0.00	31.15 1.98 0.00	31.00 1.74 -1.64	31.03 1.76 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.56 2.81 0.00	46.75 3.50 0.00	45.87 3.76 -1.29	46.85 3.90 -1.90	45.10 3.53 -2.78	45.87 3.59 -0.01	44.50 3.60 -0.01	42.89 3.40 0.00	42.08 3.44 0.00	45.16 3.68 -0.19	46.17 3.65 -1.07	47.66 3.87 -0.36	52.51 4.05 -0.26	54.88 4.13 -0.32	52.73 4.06 -0.31	44.70 3.33 -0.29	39.52 2.93 0.00	35.56 2.51 0.00
CE_NYC_DRP 24195	35.16 1.93 0.00	31.12 1.95 0.00	30.91 1.66 -1.64	30.97 1.70 0.00	32.44 1.72 0.00	35.66 1.92 0.00	43.51 2.77 0.00	46.67 3.42 0.00	45.83 3.72 -1.29	46.76 3.82 -1.89	45.02 3.45 -2.77	45.77 3.51 0.00	44.41 3.52 0.00	42.81 3.32 0.00	42.00 3.36 0.00	45.03 3.55 -0.18	46.04 3.52 -1.06	47.57 3.78 -0.35	52.41 3.95 -0.26	54.83 4.08 -0.32	52.63 3.97 -0.31	44.66 3.29 -0.29	39.52 2.93 0.00	35.56 2.51 0.00
CHAFFEE___LFGE 323603	33.10 -0.13 0.00	28.08 -1.08 0.00	26.21 -1.69 -0.28	27.69 -1.58 0.00	29.33 -1.38 0.00	32.19 -1.55 0.00	38.62 -2.12 0.00	40.09 -3.16 0.00	38.26 -2.57 0.00	38.14 -2.91 0.00	36.42 -2.37 0.00	39.48 -2.79 0.00	38.15 -2.74 0.00	36.88 -2.61 0.00	36.09 -2.55 0.00	38.48 -2.81 0.00	38.19 -3.40 -0.13	40.23 -3.21 0.00	44.63 -3.57 0.00	46.99 -3.43 0.00	45.16 -3.19 0.00	38.58 -2.51 0.00	34.44 -2.16 0.00	31.53 -1.52 0.00
CHATEAUG_35_KV_LOAD 355732	32.24 -1.00 0.00	28.17 -0.99 0.00	26.87 -0.75 0.00	28.66 -0.61 0.00	29.98 -0.74 0.00	32.93 -0.81 0.00	39.93 -0.81 0.00	42.30 -0.95 0.00	39.97 -0.86 0.00	40.28 -0.78 0.00	37.94 -0.85 0.00	41.17 -1.10 0.00	39.71 -1.19 0.00	38.23 -1.26 0.00	37.29 -1.35 0.00	39.68 -1.61 0.00	39.97 -1.49 0.00	41.92 -1.52 0.00	46.56 -1.64 0.00	48.81 -1.61 0.00	46.61 -1.74 0.00	37.73 -1.64 1.71	25.52 -1.46 9.62	13.28 -1.32 18.45
CHATEAUG_WT_PWR 323614	32.24 -1.00 0.00	28.17 -0.99 0.00	26.90 -0.72 0.00	28.66 -0.62 0.00	30.01 -0.71 0.00	32.93 -0.81 0.00	39.93 -0.81 0.00	42.30 -0.95 0.00	40.01 -0.82 0.00	40.32 -0.74 0.00	37.98 -0.82 0.00	41.21 -1.06 0.00	39.79 -1.10 0.00	38.31 -1.18 0.00	37.37 -1.27 0.00	39.77 -1.53 0.00	40.01 -1.45 0.00	41.92 -1.52 0.00	46.56 -1.64 0.00	48.76 -1.66 0.00	46.57 -1.79 0.00	37.69 -1.64 1.75	25.32 -1.46 9.81	12.93 -1.32 18.80
CHAT_HIGH_FALL_HYD 323578	32.24 -1.00 0.00	28.17 -0.99 0.00	26.87 -0.75 0.00	28.66 -0.61 0.00	29.98 -0.74 0.00	32.93 -0.81 0.00	39.93 -0.81 0.00	42.30 -0.95 0.00	39.97 -0.86 0.00	40.28 -0.78 0.00	37.94 -0.85 0.00	41.17 -1.10 0.00	39.71 -1.19 0.00	38.23 -1.26 0.00	37.29 -1.35 0.00	39.68 -1.61 0.00	39.97 -1.49 0.00	41.92 -1.52 0.00	46.56 -1.64 0.00	48.81 -1.61 0.00	46.61 -1.74 0.00	37.73 -1.64 1.71	25.52 -1.46 9.62	13.28 -1.32 18.45
CHAUTAUQUA___LFGE 323629	33.17 -0.07 0.00	28.20 -0.96 0.00	26.38 -1.52 -0.28	27.84 -1.43 0.00	29.55 -1.17 0.00	32.53 -1.21 0.00	39.15 -1.59 0.00	41.00 -2.25 0.00	39.12 -1.71 0.00	38.96 -2.09 0.00	37.24 -1.55 0.00	40.28 -1.99 0.00	38.89 -2.00 0.00	37.56 -1.93 0.00	36.67 -1.97 0.00	38.94 -2.35 0.00	38.68 -2.90 -0.13	40.79 -2.65 0.00	45.21 -2.99 0.00	47.65 -2.77 0.00	45.65 -2.71 0.00	38.99 -2.09 0.00	34.66 -1.94 0.00	31.69 -1.36 0.00
CHERRYST_13_KV_LD 356241	35.26 2.03 0.00	31.17 2.01 0.00	31.00 1.74 -1.64	31.03 1.76 0.00	32.50 1.78 0.00	35.73 1.99 0.00	43.68 2.93 0.00	46.84 3.59 0.00	45.95 3.84 -1.29	46.93 3.98 -1.89	45.14 3.57 -2.77	45.94 3.68 0.00	44.57 3.68 0.00	42.97 3.48 0.00	42.16 3.52 0.00	45.19 3.72 0.00	46.21 3.69 -0.18	47.74 3.95 -0.35	52.60 4.14 -0.26	54.98 4.24 -0.32	52.82 4.16 -0.31	44.79 3.41 -0.29	39.60 3.00 0.00	35.66 2.61 0.00

CHESTROR_138KV_BK263 355645	34.63 1.40 0.00	30.62 1.46 0.00	30.38 1.24 -1.52	30.53 1.26 0.00	31.98 1.26 0.00	35.16 1.42 0.00	42.74 2.00 0.00	45.67 2.42 0.00	44.52 2.61 -1.08	45.31 2.67 -1.59	43.57 2.44 -2.33	44.76 2.49 0.00	43.35 2.45 0.00	41.82 2.33 0.00	41.00 2.36 0.00	43.81 2.52 0.00	44.63 2.49 -0.68	46.09 2.65 0.00	51.04 2.84 0.00	53.40 2.98 0.00	51.26 2.90 0.00	43.51 2.42 0.00	38.76 2.16 0.00	34.90 1.85 0.00
CH_MIDHUDSON___DRP 24192	34.80 1.56 0.00	30.80 1.63 0.00	30.72 1.44 -1.67	30.74 1.46 0.00	32.16 1.44 0.00	35.36 1.62 0.00	42.94 2.20 0.00	45.97 2.72 0.00	44.90 2.94 -1.13	45.72 3.00 -1.66	43.95 2.72 -2.44	45.01 2.75 0.00	43.59 2.70 0.00	42.10 2.61 0.00	41.23 2.59 0.00	44.06 2.77 0.00	44.98 2.78 -0.75	46.35 2.91 0.00	51.33 3.13 0.00	53.70 3.28 0.00	51.55 3.19 0.00	43.76 2.67 0.00	38.98 2.38 0.00	35.10 2.05 0.00
CH_MISC_IPPS 23765	34.93 1.69 0.00	30.91 1.75 0.00	30.77 1.52 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.49 1.75 0.00	43.11 2.36 0.00	46.23 2.98 0.00	45.13 3.22 -1.07	45.88 3.24 -1.58	44.10 2.99 -2.32	45.27 3.00 0.00	43.84 2.95 0.00	42.29 2.80 0.00	41.39 2.74 0.00	44.22 2.93 0.00	45.18 2.99 -0.73	46.57 3.13 0.00	51.57 3.37 0.00	53.95 3.53 0.00	51.74 3.38 0.00	43.96 2.88 0.00	39.16 2.56 0.00	35.23 2.18 0.00
CH_RES_BVR_FALLS 23983	32.40 -0.83 0.00	28.38 -0.79 0.00	26.98 -0.63 0.00	28.69 -0.59 0.00	30.07 -0.65 0.00	33.03 -0.71 0.00	39.93 -0.81 0.00	42.34 -0.91 0.00	39.97 -0.86 0.00	40.19 -0.86 0.00	37.90 -0.89 0.00	41.21 -1.06 0.00	39.83 -1.06 0.00	38.39 -1.11 0.00	37.48 -1.16 0.00	39.97 -1.32 0.00	40.17 -1.29 0.00	42.09 -1.35 0.00	46.65 -1.54 0.00	48.86 -1.56 0.00	46.71 -1.64 0.00	37.00 -1.48 2.61	20.65 -1.28 14.66	3.87 -1.19 27.99
CH_RES_NIAGARA 23895	32.44 -0.80 0.00	27.70 -1.46 0.00	26.07 -1.80 -0.25	27.37 -1.90 0.00	28.93 -1.78 0.00	31.58 -2.16 0.00	37.61 -3.14 0.00	38.79 -4.45 0.00	37.07 -3.76 0.00	37.11 -3.94 0.00	35.49 -3.30 0.00	38.34 -3.93 0.00	37.01 -3.88 0.00	35.74 -3.75 0.00	35.01 -3.63 0.00	37.29 -4.01 0.00	37.34 -4.23 -0.11	38.88 -4.56 0.00	43.09 -5.11 0.00	45.33 -5.09 0.00	43.23 -5.13 0.00	37.19 -3.90 0.00	33.49 -3.11 0.00	30.77 -2.28 0.00
CH_RES_SYRACUSE 23985	33.30 0.07 0.00	29.10 -0.06 0.00	27.65 -0.14 -0.17	29.07 -0.20 0.00	30.56 -0.15 0.00	33.64 -0.10 0.00	41.15 0.41 0.00	43.64 0.39 0.00	40.50 -0.33 0.00	40.77 -0.29 0.00	38.60 -0.19 0.00	41.97 -0.29 0.00	40.56 -0.33 0.00	39.22 -0.27 0.00	38.37 -0.27 0.00	41.05 -0.25 0.00	41.24 -0.29 -0.07	43.09 -0.35 0.00	47.86 -0.34 0.00	50.07 -0.35 0.00	48.02 -0.34 0.00	40.76 -0.33 0.00	36.23 -0.37 0.00	32.72 -0.33 0.00
CLINTON_WT_PWR 323605	32.24 -1.00 0.00	28.17 -0.99 0.00	26.90 -0.72 0.00	28.66 -0.62 0.00	30.01 -0.71 0.00	32.93 -0.81 0.00	39.93 -0.81 0.00	42.30 -0.95 0.00	40.01 -0.82 0.00	40.32 -0.74 0.00	37.98 -0.82 0.00	41.21 -1.06 0.00	39.79 -1.10 0.00	38.31 -1.18 0.00	37.37 -1.27 0.00	39.77 -1.53 0.00	40.01 -1.45 0.00	41.92 -1.52 0.00	46.56 -1.64 0.00	48.76 -1.66 0.00	46.57 -1.79 0.00	37.69 -1.64 1.75	25.32 -1.46 9.81	12.93 -1.32 18.80
CLINTON___LFGE 323618	32.64 -0.60 0.00	28.52 -0.64 0.00	27.21 -0.41 0.00	28.98 -0.29 0.00	30.32 -0.40 0.00	33.64 -0.10 0.00	40.87 0.12 0.00	43.29 0.04 0.00	40.91 0.08 0.00	41.26 0.21 0.00	38.87 0.08 0.00	42.14 -0.13 0.00	40.69 -0.20 0.00	39.10 -0.39 0.00	38.14 -0.50 0.00	40.51 -0.79 0.00	40.75 -0.71 0.00	42.83 -0.61 0.00	47.62 -0.58 0.00	49.97 -0.45 0.00	47.63 -0.72 0.00	38.53 -0.82 1.74	26.07 -0.77 9.76	13.70 -0.70 18.66
COBBLENY_34_KV_TB1 80064	33.10 -0.13 0.00	28.08 -1.08 0.00	26.22 -1.68 -0.28	27.66 -1.61 0.00	29.33 -1.38 0.00	32.19 -1.55 0.00	38.63 -2.12 0.00	40.09 -3.16 0.00	38.26 -2.57 0.00	38.26 -2.79 0.00	36.66 -2.13 0.00	39.56 -2.71 0.00	38.15 -2.74 0.00	36.84 -2.65 0.00	36.09 -2.55 0.00	38.44 -2.85 0.00	38.23 -3.36 -0.13	40.27 -3.17 0.00	44.58 -3.61 0.00	47.00 -3.43 0.00	44.78 -3.58 0.00	38.50 -2.59 0.00	34.51 -2.09 0.00	31.53 -1.52 0.00
COFFEEN___115KV_TB3 355620	32.87 -0.37 0.00	28.81 -0.35 0.00	27.35 -0.36 -0.09	28.89 -0.38 0.00	30.62 -0.09 0.00	33.81 0.07 0.00	40.91 0.16 0.00	43.25 0.00 0.00	40.54 -0.29 0.00	40.36 -0.70 0.00	37.86 -0.93 0.00	41.08 -1.18 0.00	39.62 -1.27 0.00	38.31 -1.18 0.00	37.41 -1.24 0.00	40.14 -1.16 0.00	40.34 -1.16 -0.04	42.53 -0.91 0.00	47.86 -0.34 0.00	50.48 0.05 0.00	48.60 0.24 0.00	40.86 0.08 0.32	34.57 -0.26 1.77	29.25 -0.40 3.41
COLDSPRG_115KV_BK1 355956	33.63 0.40 0.00	28.46 -0.70 0.00	26.40 -1.52 -0.30	28.01 -1.26 0.00	29.76 -0.95 0.00	32.80 -0.94 0.00	39.60 -1.14 0.00	41.52 -1.73 0.00	39.56 -1.27 0.00	39.54 -1.52 0.00	37.86 -0.93 0.00	40.91 -1.35 0.00	39.34 -1.55 0.00	37.95 -1.54 0.00	37.06 -1.58 0.00	39.39 -1.90 0.00	38.94 -2.65 -0.13	41.36 -2.09 0.00	45.79 -2.41 0.00	48.36 -2.07 0.00	45.94 -2.42 0.00	39.53 -1.56 0.00	35.17 -1.43 0.00	32.06 -0.99 0.00
COLONIE_LFGE___ 323577	34.60 1.36 0.00	30.56 1.40 0.00	30.91 1.27 -2.02	30.59 1.32 0.00	32.07 1.35 0.00	35.22 1.48 0.00	42.62 1.88 0.00	45.41 2.16 0.00	51.84 2.37 -8.65	56.14 2.38 -12.70	59.70 2.25 -18.66	44.38 2.11 0.00	42.98 2.08 0.00	41.54 2.05 0.00	40.61 1.97 0.00	46.21 2.23 -2.69	49.35 2.24 -5.66	50.83 2.26 -5.13	54.55 2.50 -3.85	57.74 2.57 -4.75	55.35 2.46 -4.53	47.47 2.18 -4.21	38.57 1.97 0.00	34.77 1.72 0.00
COOPERNY_115KV_TB1 80082	34.33 1.10 0.00	30.30 1.14 0.00	29.85 0.99 -1.24	30.27 1.00 0.00	31.73 1.01 0.00	34.89 1.15 0.00	42.29 1.55 0.00	45.11 1.86 0.00	43.54 2.00 -0.71	44.11 2.01 -1.04	42.18 1.86 -1.53	44.17 1.90 0.00	42.77 1.88 0.00	41.27 1.78 0.00	40.46 1.82 0.00	43.23 1.94 0.00	43.92 1.91 -0.56	45.48 2.04 0.00	50.41 2.22 0.00	52.69 2.27 0.00	50.58 2.22 0.00	42.98 1.89 0.00	38.24 1.65 0.00	34.47 1.42 0.00
COPENHAGEN_WT_PWR 323753	32.74 -0.50 0.00	28.67 -0.50 0.00	27.21 -0.50 -0.09	28.78 -0.50 0.00	30.44 -0.28 0.00	33.61 -0.13 0.00	40.62 -0.12 0.00	42.99 -0.26 0.00	40.34 -0.49 0.00	40.24 -0.82 0.00	37.75 -1.05 0.00	41.00 -1.27 0.00	39.58 -1.31 0.00	38.27 -1.22 0.00	37.40 -1.24 0.00	40.06 -1.24 0.00	40.25 -1.24 -0.04	42.40 -1.04 0.00	47.57 -0.63 0.00	50.07 -0.35 0.00	48.21 -0.14 0.00	40.55 -0.25 0.30	34.42 -0.51 1.67	29.26 -0.59 3.20
CORNELL_____ 23752	33.96 0.73 0.00	29.63 0.47 0.00	28.29 0.30 -0.37	29.57 0.29 0.00	31.12 0.40 0.00	34.28 0.54 0.00	41.72 0.98 0.00	44.29 1.04 0.00	41.52 0.69 0.00	41.67 0.62 0.00	39.34 0.54 0.00	42.65 0.38 0.00	41.14 0.25 0.00	39.77 0.28 0.00	38.95 0.31 0.00	41.66 0.37 0.00	42.04 0.41 -0.17	44.05 0.61 0.00	49.06 0.87 0.00	51.38 0.96 0.00	49.23 0.87 0.00	41.83 0.74 0.00	37.11 0.51 0.00	33.51 0.46 0.00

CORONA__69_KV_TB1 355595	35.76 2.53 0.00	31.64 2.48 0.00	31.39 2.13 -1.64	31.41 2.14 0.00	32.87 2.15 0.00	36.27 2.53 0.00	44.25 3.50 0.00	47.14 3.89 0.00	46.38 4.25 -1.30	47.81 4.23 -2.53	96.00 3.41 -53.79	107.27 3.55 -61.45	96.67 3.48 -52.30	88.84 3.32 -46.04	112.47 3.36 -70.46	107.35 3.59 -62.46	99.73 3.52 -54.75	107.58 3.78 -60.36	130.22 4.00 -78.02	97.03 4.13 -42.47	132.63 4.11 -80.16	87.32 3.37 -42.86	47.61 3.44 -7.57	36.31 3.21 -0.06
CORTLAND__115KV_TB3 80093	33.67 0.43 0.00	29.45 0.29 0.00	28.05 0.14 -0.30	29.39 0.12 0.00	30.93 0.22 0.00	34.04 0.30 0.00	41.31 0.57 0.00	43.81 0.56 0.00	41.20 0.37 0.00	41.38 0.33 0.00	39.14 0.35 0.00	42.48 0.21 0.00	41.06 0.16 0.00	39.65 0.16 0.00	38.84 0.19 0.00	41.54 0.25 0.00	41.80 0.21 -0.14	43.74 0.30 0.00	48.68 0.48 0.00	50.98 0.55 0.00	48.84 0.48 0.00	41.54 0.45 0.00	36.89 0.29 0.00	33.31 0.26 0.00
COXSACKIE__GT 23611	34.83 1.60 0.00	30.79 1.63 0.00	30.69 1.16 -1.91	30.85 1.58 0.00	32.34 1.63 0.00	35.53 1.79 0.00	43.02 2.28 0.00	45.98 2.73 0.00	36.72 2.78 6.88	33.36 2.42 10.11	26.11 2.17 14.85	44.08 1.82 0.00	42.69 1.80 0.00	41.19 1.70 0.00	40.23 1.58 0.00	40.36 2.02 2.95	39.30 2.20 4.35	40.03 2.21 5.63	46.77 2.79 4.22	48.14 2.92 5.21	46.29 2.90 4.97	38.94 2.47 4.61	38.68 2.08 0.00	34.87 1.82 0.00
CPV_VALLEY__CC1 323721	34.53 1.29 0.00	30.50 1.34 0.00	30.20 1.16 -1.42	30.45 1.17 0.00	31.91 1.20 0.00	35.09 1.35 0.00	42.58 1.84 0.00	45.54 2.29 0.00	44.28 2.49 -0.96	44.97 2.50 -1.41	43.23 2.37 -2.07	44.63 2.37 0.00	43.22 2.33 0.00	41.74 2.25 0.00	40.88 2.24 0.00	43.65 2.35 0.00	44.46 2.36 -0.64	45.96 2.52 0.00	50.89 2.70 0.00	53.25 2.82 0.00	51.06 2.71 0.00	43.39 2.30 0.00	38.61 2.01 0.00	34.77 1.72 0.00
CPV_VALLEY__CC2 323722	34.53 1.29 0.00	30.50 1.34 0.00	30.20 1.16 -1.42	30.45 1.17 0.00	31.91 1.20 0.00	35.09 1.35 0.00	42.58 1.84 0.00	45.54 2.29 0.00	44.28 2.49 -0.96	44.97 2.50 -1.41	43.23 2.37 -2.07	44.63 2.37 0.00	43.22 2.33 0.00	41.74 2.25 0.00	40.88 2.24 0.00	43.65 2.35 0.00	44.46 2.36 -0.64	45.96 2.52 0.00	50.89 2.70 0.00	53.25 2.82 0.00	51.06 2.71 0.00	43.39 2.30 0.00	38.61 2.01 0.00	34.77 1.72 0.00
CRESCENT__HYD 24018	34.60 1.36 0.00	30.56 1.40 0.00	30.91 1.27 -2.02	30.59 1.32 0.00	32.07 1.35 0.00	35.22 1.48 0.00	42.62 1.88 0.00	45.41 2.16 0.00	51.84 2.37 -8.65	56.14 2.38 -12.70	59.70 2.25 -18.66	44.38 2.11 0.00	42.98 2.08 0.00	41.54 2.05 0.00	40.61 1.97 0.00	46.21 2.23 -2.69	49.35 2.24 -5.66	50.83 2.26 -5.13	54.55 2.50 -3.85	57.74 2.57 -4.75	55.35 2.46 -4.53	47.47 2.18 -4.21	38.57 1.97 0.00	34.77 1.72 0.00
CRICKET__VALLEY_CC1 323756	34.60 1.36 0.00	30.62 1.46 0.00	30.63 1.27 -1.74	30.56 1.29 0.00	31.98 1.26 0.00	35.12 1.38 0.00	42.62 1.88 0.00	45.71 2.46 0.00	45.33 2.74 -1.76	46.48 2.83 -2.59	45.19 2.60 -3.80	44.76 2.49 0.00	43.35 2.45 0.00	41.90 2.41 0.00	41.04 2.40 0.00	44.27 2.60 -0.37	45.50 2.61 -1.43	46.88 2.74 -0.70	51.67 2.94 -0.53	54.05 2.97 -0.65	51.88 2.90 -0.62	44.17 2.51 -0.58	38.79 2.20 0.00	34.93 1.88 0.00
CRICKET__VALLEY_CC2 323757	34.60 1.36 0.00	30.62 1.46 0.00	30.63 1.27 -1.74	30.56 1.29 0.00	31.98 1.26 0.00	35.12 1.38 0.00	42.62 1.88 0.00	45.71 2.46 0.00	45.33 2.74 -1.76	46.48 2.83 -2.59	45.19 2.60 -3.80	44.76 2.49 0.00	43.35 2.45 0.00	41.90 2.41 0.00	41.04 2.40 0.00	44.27 2.60 -0.37	45.50 2.61 -1.43	46.88 2.74 -0.70	51.67 2.94 -0.53	54.05 2.97 -0.65	51.88 2.90 -0.62	44.17 2.51 -0.58	38.79 2.20 0.00	34.93 1.88 0.00
CRICKET__VALLEY_CC3 323758	34.60 1.36 0.00	30.62 1.46 0.00	30.63 1.27 -1.74	30.56 1.29 0.00	31.98 1.26 0.00	35.12 1.38 0.00	42.62 1.88 0.00	45.71 2.46 0.00	45.33 2.74 -1.76	46.48 2.83 -2.59	45.19 2.60 -3.80	44.76 2.49 0.00	43.35 2.45 0.00	41.90 2.41 0.00	41.04 2.40 0.00	44.27 2.60 -0.37	45.50 2.61 -1.43	46.88 2.74 -0.70	51.67 2.94 -0.53	54.05 2.97 -0.65	51.88 2.90 -0.62	44.17 2.51 -0.58	38.79 2.20 0.00	34.93 1.88 0.00
CRUCIBLE__METL_DRP 24180	33.30 0.07 0.00	29.10 -0.06 0.00	27.65 -0.14 -0.17	29.07 -0.20 0.00	30.56 -0.15 0.00	33.64 -0.10 0.00	41.15 0.41 0.00	43.64 0.39 0.00	40.50 -0.33 0.00	40.77 -0.29 0.00	38.60 -0.19 0.00	41.97 -0.30 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.37 -0.27 0.00	41.05 -0.25 0.00	41.24 -0.29 -0.07	43.09 -0.35 0.00	47.86 -0.34 0.00	50.07 -0.35 0.00	47.97 -0.39 0.00	40.76 -0.33 0.00	36.23 -0.37 0.00	32.72 -0.33 0.00
DAHOWA__HYDRO 323763	34.96 1.73 0.00	30.88 1.72 0.00	31.27 1.60 -2.05	30.94 1.67 0.00	32.47 1.75 0.00	35.66 1.92 0.00	43.19 2.44 0.00	45.54 2.29 0.00	50.05 2.29 -6.93	53.42 2.17 -10.19	55.93 2.17 -14.96	44.46 2.20 0.00	42.98 2.08 0.00	41.58 2.09 0.00	40.57 1.93 0.00	45.35 2.23 -1.82	47.79 2.20 -4.14	49.05 2.13 -3.48	53.31 2.50 -2.61	56.26 2.62 -3.22	53.94 2.51 -3.07	46.20 2.26 -2.85	38.90 2.31 0.00	35.07 2.02 0.00
DANC__LFGE 323619	32.77 -0.47 0.00	28.69 -0.47 0.00	27.23 -0.50 -0.11	28.72 -0.56 0.00	30.32 -0.40 0.00	33.44 -0.30 0.00	40.38 -0.37 0.00	42.69 -0.56 0.00	40.17 -0.65 0.00	40.19 -0.86 0.00	37.82 -0.97 0.00	41.13 -1.14 0.00	39.71 -1.19 0.00	38.39 -1.11 0.00	37.52 -1.12 0.00	40.18 -1.11 0.00	40.34 -1.16 -0.05	42.40 -1.04 0.00	47.38 -0.82 0.00	49.77 -0.66 0.00	47.92 -0.44 0.00	40.44 -0.45 0.20	34.88 -0.62 1.09	30.29 -0.66 2.10
DANSKAMMER__1 23586	34.93 1.69 0.00	30.91 1.75 0.00	30.77 1.52 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.49 1.75 0.00	43.11 2.36 0.00	46.23 2.98 0.00	45.13 3.22 -1.07	45.88 3.24 -1.58	44.10 2.99 -2.32	45.27 3.00 0.00	43.84 2.95 0.00	42.29 2.80 0.00	41.39 2.74 0.00	44.22 2.93 0.00	45.18 2.99 -0.73	46.57 3.13 0.00	51.57 3.37 0.00	53.95 3.53 0.00	51.74 3.38 0.00	43.96 2.88 0.00	39.16 2.56 0.00	35.23 2.18 0.00
DANSKAMMER__2 23589	34.93 1.69 0.00	30.91 1.75 0.00	30.77 1.52 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.49 1.75 0.00	43.11 2.36 0.00	46.23 2.98 0.00	45.13 3.22 -1.07	45.88 3.24 -1.58	44.10 2.99 -2.32	45.27 3.00 0.00	43.84 2.95 0.00	42.29 2.80 0.00	41.39 2.74 0.00	44.22 2.93 0.00	45.18 2.99 -0.73	46.57 3.13 0.00	51.57 3.37 0.00	53.95 3.53 0.00	51.74 3.38 0.00	43.96 2.88 0.00	39.16 2.56 0.00	35.23 2.18 0.00
DANSKAMMER__3 23590	34.93 1.69 0.00	30.91 1.75 0.00	30.77 1.52 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.49 1.75 0.00	43.11 2.36 0.00	46.23 2.98 0.00	45.13 3.22 -1.07	45.88 3.24 -1.58	44.10 2.99 -2.32	45.27 3.00 0.00	43.84 2.95 0.00	42.29 2.80 0.00	41.39 2.74 0.00	44.22 2.93 0.00	45.18 2.99 -0.73	46.57 3.13 0.00	51.57 3.37 0.00	53.95 3.53 0.00	51.74 3.38 0.00	43.96 2.88 0.00	39.16 2.56 0.00	35.23 2.18 0.00

DANSKAMMER___4 23591	34.93 1.69 0.00	30.91 1.75 0.00	30.77 1.52 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.49 1.75 0.00	43.11 2.36 0.00	46.23 2.98 0.00	45.13 3.22 -1.07	45.88 3.24 -1.58	44.10 2.99 -2.32	45.27 3.00 0.00	43.84 2.95 0.00	42.29 2.80 0.00	41.39 2.74 0.00	44.22 2.93 0.00	45.18 2.99 -0.73	46.57 3.13 0.00	51.57 3.37 0.00	53.95 3.53 0.00	51.74 3.38 0.00	43.96 2.88 0.00	39.16 2.56 0.00	35.23 2.18 0.00
DANSKAMMER___DIESEL 23592	34.93 1.69 0.00	30.91 1.75 0.00	30.77 1.52 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.49 1.75 0.00	43.15 2.40 0.00	46.19 2.94 0.00	45.05 3.14 -1.07	45.80 3.16 -1.58	44.02 2.91 -2.32	45.23 2.96 0.00	43.80 2.90 0.00	42.26 2.76 0.00	41.39 2.74 0.00	44.22 2.93 0.00	45.14 2.94 -0.73	46.53 3.08 0.00	51.57 3.37 0.00	53.90 3.48 0.00	51.74 3.38 0.00	43.92 2.84 0.00	39.12 2.53 0.00	35.23 2.18 0.00
DARBY___SOLAR 323810	34.89 1.66 0.00	30.82 1.66 0.00	31.21 1.55 -2.04	30.88 1.61 0.00	32.37 1.66 0.00	35.56 1.82 0.00	43.07 2.32 0.00	45.50 2.25 0.00	50.23 2.24 -7.16	53.74 2.17 -10.51	56.36 2.13 -15.44	44.38 2.11 0.00	42.98 2.08 0.00	41.54 2.05 0.00	40.57 1.93 0.00	45.42 2.19 -1.94	47.94 2.15 -4.33	49.26 2.13 -3.69	53.47 2.50 -2.77	56.41 2.57 -3.41	54.08 2.46 -3.26	46.33 2.22 -3.02	38.79 2.20 0.00	35.00 1.95 0.00
DASHVILLE___HYD 23610	34.66 1.43 0.00	30.68 1.52 0.00	30.33 1.02 -1.69	30.62 1.35 0.00	32.07 1.35 0.00	35.22 1.48 0.00	42.78 2.04 0.00	45.76 2.51 0.00	42.82 2.82 0.83	42.63 2.79 1.21	39.57 2.56 1.78	44.68 2.41 0.00	43.26 2.37 0.00	41.78 2.29 0.00	40.88 2.24 0.00	43.31 2.60 0.59	43.79 2.61 0.28	45.10 2.78 1.12	50.39 3.04 0.84	52.56 3.18 1.04	50.46 3.09 0.99	42.72 2.55 0.92	38.79 2.20 0.00	34.97 1.92 0.00
DELAWARE___LFGE 323621	34.26 1.03 0.00	30.24 1.08 0.00	29.28 0.97 -0.70	30.27 1.00 0.00	31.82 1.11 0.00	34.95 1.21 0.00	42.17 1.43 0.00	44.85 1.60 0.00	43.12 1.59 -0.70	43.64 1.56 -1.02	41.81 1.51 -1.50	43.83 1.56 0.00	42.41 1.51 0.00	40.95 1.46 0.00	40.07 1.43 0.00	42.82 1.53 0.00	43.27 1.49 -0.31	45.05 1.61 0.00	49.98 1.78 0.00	52.29 1.87 0.00	50.19 1.84 0.00	42.69 1.60 0.00	37.95 1.35 0.00	34.24 1.19 0.00
DERFIELD_115KV_TB7 355931	33.33 0.10 0.00	29.31 0.15 0.00	27.73 0.11 0.00	29.36 0.09 0.00	30.84 0.12 0.00	33.88 0.13 0.00	40.87 0.12 0.00	43.38 0.13 0.00	40.95 0.12 0.00	41.18 0.12 0.00	38.91 0.12 0.00	42.39 0.13 0.00	41.01 0.12 0.00	39.61 0.12 0.00	38.76 0.12 0.00	41.46 0.17 0.00	41.62 0.17 0.00	43.61 0.17 0.00	48.39 0.19 0.00	50.63 0.20 0.00	48.55 0.19 0.00	41.34 0.16 -0.09	37.23 0.15 -0.48	34.06 0.10 -0.91
DOGLEVILLE___HYD 23807	32.20 -1.03 0.00	28.32 -0.85 0.00	26.79 -0.83 0.00	28.37 -0.91 0.00	29.80 -0.92 0.00	32.73 -1.01 0.00	39.52 -1.22 0.00	41.95 -1.30 0.00	39.60 -1.22 0.00	39.78 -1.27 0.00	37.55 -1.24 0.00	40.91 -1.35 0.00	39.54 -1.35 0.00	38.23 -1.26 0.00	37.37 -1.28 0.00	39.97 -1.32 0.00	40.13 -1.33 0.00	42.01 -1.43 0.00	46.61 -1.59 0.00	48.76 -1.66 0.00	46.76 -1.60 0.00	39.82 -1.36 -0.09	35.80 -1.28 -0.48	32.77 -1.19 -0.91
DUNKIRK__115KV_TB_200 55889	33.17 -0.07 0.00	28.23 -0.93 0.00	26.38 -1.52 -0.28	27.84 -1.43 0.00	29.52 -1.20 0.00	32.49 -1.25 0.00	39.11 -1.63 0.00	40.96 -2.29 0.00	39.07 -1.76 0.00	39.04 -2.01 0.00	37.36 -1.44 0.00	40.36 -1.90 0.00	38.89 -2.00 0.00	37.52 -1.97 0.00	36.67 -1.97 0.00	38.86 -2.44 0.00	38.72 -2.86 -0.13	40.79 -2.65 0.00	45.16 -3.04 0.00	47.65 -2.77 0.00	45.31 -3.05 0.00	38.91 -2.18 0.00	34.73 -1.87 0.00	31.73 -1.32 0.00
DUNKIRK___1 23563	33.17 -0.07 0.00	28.23 -0.93 0.00	26.38 -1.52 -0.28	27.84 -1.43 0.00	29.52 -1.20 0.00	32.49 -1.25 0.00	39.11 -1.63 0.00	40.96 -2.29 0.00	39.07 -1.76 0.00	39.04 -2.01 0.00	37.36 -1.44 0.00	40.36 -1.90 0.00	38.89 -2.00 0.00	37.52 -1.97 0.00	36.67 -1.97 0.00	38.86 -2.44 0.00	38.72 -2.86 -0.13	40.79 -2.65 0.00	45.16 -3.04 0.00	47.65 -2.77 0.00	45.31 -3.05 0.00	38.91 -2.18 0.00	34.73 -1.87 0.00	31.73 -1.32 0.00
DUNKIRK___2 23564	33.17 -0.07 0.00	28.23 -0.93 0.00	26.38 -1.52 -0.28	27.84 -1.43 0.00	29.52 -1.20 0.00	32.49 -1.25 0.00	39.11 -1.63 0.00	40.96 -2.29 0.00	39.07 -1.76 0.00	39.04 -2.01 0.00	37.36 -1.44 0.00	40.36 -1.90 0.00	38.89 -2.00 0.00	37.52 -1.97 0.00	36.67 -1.97 0.00	38.86 -2.44 0.00	38.72 -2.86 -0.13	40.79 -2.65 0.00	45.16 -3.04 0.00	47.65 -2.77 0.00	45.31 -3.05 0.00	38.91 -2.18 0.00	34.73 -1.87 0.00	31.73 -1.32 0.00
DUNKIRK___3 23565	33.03 -0.20 0.00	28.14 -1.02 0.00	26.30 -1.60 -0.28	27.75 -1.52 0.00	29.40 -1.32 0.00	32.36 -1.38 0.00	38.87 -1.87 0.00	40.44 -2.81 0.00	38.54 -2.29 0.00	38.55 -2.50 0.00	36.89 -1.90 0.00	39.86 -2.41 0.00	38.40 -2.49 0.00	37.08 -2.41 0.00	36.29 -2.36 0.00	38.69 -2.60 0.00	38.52 -3.07 -0.13	40.53 -2.91 0.00	44.92 -3.28 0.00	47.35 -3.08 0.00	45.07 -3.29 0.00	38.71 -2.38 0.00	34.62 -1.98 0.00	31.60 -1.45 0.00
DUNKIRK___4 23566	33.03 -0.20 0.00	28.14 -1.02 0.00	26.30 -1.60 -0.28	27.75 -1.52 0.00	29.40 -1.32 0.00	32.36 -1.38 0.00	38.87 -1.87 0.00	40.44 -2.81 0.00	38.54 -2.29 0.00	38.55 -2.50 0.00	36.89 -1.90 0.00	39.86 -2.41 0.00	38.40 -2.49 0.00	37.08 -2.41 0.00	36.29 -2.36 0.00	38.69 -2.60 0.00	38.52 -3.07 -0.13	40.53 -2.91 0.00	44.92 -3.28 0.00	47.35 -3.08 0.00	45.07 -3.29 0.00	38.71 -2.38 0.00	34.62 -1.98 0.00	31.60 -1.45 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.06 1.83 0.00	31.00 1.84 0.00	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.56 1.82 0.00	43.35 2.61 0.00	46.41 3.16 0.00	45.55 3.43 -1.29	46.48 3.53 -1.89	44.75 3.18 -2.77	45.56 3.30 0.00	44.12 3.23 0.00	42.57 3.08 0.00	41.77 3.13 0.00	44.78 3.30 -0.18	45.79 3.28 -1.06	47.31 3.52 -0.35	52.17 3.71 -0.26	54.58 3.83 -0.32	52.44 3.77 -0.31	44.50 3.12 -0.29	39.38 2.78 0.00	35.43 2.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.76 1.53 0.00	30.77 1.60 0.00	30.59 1.38 -1.59	30.68 1.41 0.00	32.13 1.41 0.00	35.33 1.59 0.00	42.94 2.20 0.00	45.93 2.68 0.00	44.71 2.90 -0.98	45.41 2.92 -1.44	43.58 2.68 -2.12	44.97 2.71 0.00	43.55 2.66 0.00	42.06 2.57 0.00	41.19 2.55 0.00	44.02 2.73 0.00	44.91 2.74 -0.71	46.31 2.87 0.00	51.33 3.13 0.00	53.70 3.28 0.00	51.55 3.19 0.00	43.72 2.63 0.00	38.94 2.34 0.00	35.07 2.02 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.96 1.73 0.00	30.91 1.75 0.00	30.67 1.41 -1.64	30.77 1.49 0.00	32.22 1.51 0.00	35.46 1.72 0.00	43.27 2.53 0.00	46.36 3.11 0.00	45.59 3.47 -1.29	46.48 3.53 -1.89	44.75 3.18 -2.77	45.35 3.09 0.00	44.12 3.23 0.00	42.53 3.04 0.00	41.62 2.98 0.00	44.74 3.26 -0.18	45.75 3.23 -1.06	47.27 3.48 -0.35	52.12 3.66 -0.26	54.48 3.73 -0.32	52.34 3.68 -0.31	44.37 3.00 -0.29	39.30 2.71 0.00	35.36 2.31 0.00

E179THST_13_KV_LOAD 356214	35.09 1.86 0.00	31.00 1.84 0.00	30.78 1.52 -1.64	30.88 1.61 0.00	32.31 1.60 0.00	35.60 1.86 0.00	43.43 2.69 0.00	46.58 3.33 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.94 3.37 -2.77	45.56 3.30 0.00	44.33 3.43 0.00	42.73 3.24 0.00	41.81 3.17 0.00	44.94 3.47 -0.18	45.96 3.44 -1.06	47.48 3.69 -0.35	52.36 3.90 -0.26	54.78 4.03 -0.32	52.58 3.92 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.50 2.45 0.00
EAST HAMPTON___GT 23717	36.39 3.16 0.00	32.31 3.15 0.00	32.02 2.76 -1.64	32.11 2.84 0.00	33.48 2.77 0.00	37.01 3.27 0.00	44.74 4.00 0.00	48.01 4.76 0.00	47.31 5.19 -1.29	48.20 5.21 -1.92	47.66 4.19 -4.68	48.26 4.14 -1.85	47.55 3.97 -2.69	47.37 3.79 -4.09	46.55 3.79 -4.12	47.86 3.88 -2.69	48.84 3.86 -3.53	66.06 4.26 -18.36	59.24 4.15 -6.90	63.89 4.24 -9.23	55.94 4.06 -3.52	46.67 3.33 -2.26	40.48 3.55 -0.34	36.40 3.34 -0.01
EAST RIVER___6 23660	35.19 1.96 0.00	31.12 1.95 0.00	30.94 1.68 -1.64	30.97 1.70 0.00	32.44 1.72 0.00	35.70 1.96 0.00	43.55 2.81 0.00	46.84 3.59 0.00	46.00 3.88 -1.29	46.97 4.03 -1.89	45.25 3.69 -2.77	46.03 3.76 0.00	44.61 3.72 0.00	43.05 3.56 0.00	42.20 3.55 0.00	45.23 3.76 -0.18	46.25 3.73 -1.06	47.83 4.04 -0.35	52.65 4.19 -0.26	55.03 4.28 -0.32	52.77 4.11 -0.31	44.78 3.41 -0.29	39.60 3.00 0.00	35.63 2.58 0.00
EAST RIVER___7 23524	35.19 1.96 0.00	31.12 1.95 0.00	30.94 1.68 -1.64	30.97 1.70 0.00	32.44 1.72 0.00	35.70 1.96 0.00	43.55 2.81 0.00	46.84 3.59 0.00	46.00 3.88 -1.29	46.97 4.03 -1.89	45.25 3.69 -2.77	46.03 3.76 0.00	44.61 3.72 0.00	43.05 3.56 0.00	42.20 3.55 0.00	45.23 3.76 -0.18	46.25 3.73 -1.06	47.83 4.04 -0.35	52.65 4.19 -0.26	55.03 4.28 -0.32	52.77 4.11 -0.31	44.78 3.41 -0.29	39.60 3.00 0.00	35.63 2.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.90 1.66 0.00	30.88 1.72 0.00	30.72 1.46 -1.63	30.77 1.49 0.00	32.22 1.51 0.00	35.43 1.69 0.00	43.11 2.36 0.00	46.19 2.94 0.00	45.30 3.18 -1.29	46.23 3.28 -1.89	44.59 3.03 -2.78	45.35 3.09 0.00	43.96 3.07 0.00	42.41 2.92 0.00	41.58 2.94 0.00	44.57 3.10 -0.18	45.62 3.11 -1.06	47.09 3.30 -0.35	51.98 3.52 -0.26	54.38 3.63 -0.32	52.24 3.58 -0.31	44.33 2.96 -0.29	39.19 2.60 0.00	35.26 2.21 0.00
EAST_HAMPTON___DIESEL 23722	36.36 3.12 0.00	32.28 3.12 0.00	32.00 2.73 -1.64	32.08 2.81 0.00	33.48 2.77 0.00	36.98 3.24 0.00	44.70 3.95 0.00	48.01 4.76 0.00	47.27 5.14 -1.29	48.15 5.17 -1.92	47.62 4.15 -4.68	48.17 4.06 -1.85	47.47 3.89 -2.69	47.33 3.75 -4.09	46.47 3.71 -4.12	47.78 3.80 -2.69	48.76 3.77 -3.53	65.93 4.13 -18.36	59.09 4.00 -6.90	63.74 4.08 -9.23	55.84 3.97 -3.52	46.59 3.25 -2.26	40.37 3.44 -0.34	36.33 3.27 -0.01
EAST_POINT___SOLAR 323840	35.89 2.66 0.00	31.64 2.48 0.00	32.20 2.32 -2.26	31.73 2.46 0.00	33.42 2.70 0.00	36.78 3.04 0.00	44.45 3.71 0.00	47.06 3.81 0.00	48.94 3.43 -4.68	51.01 3.08 -6.87	51.99 3.10 -10.09	45.57 3.30 0.00	44.04 3.15 0.00	42.49 3.00 0.00	41.35 2.70 0.00	45.15 2.97 -0.88	46.96 2.94 -2.56	48.20 3.08 -1.67	53.41 3.95 -1.26	56.36 4.38 -1.55	54.09 4.26 -1.48	46.45 3.98 -1.37	39.82 3.22 0.00	35.92 2.87 0.00
EAST_PULASKI___ESR 323781	32.87 -0.36 0.00	28.75 -0.41 0.00	27.27 -0.47 -0.12	28.75 -0.53 0.00	30.29 -0.43 0.00	33.34 -0.40 0.00	40.21 -0.53 0.00	42.51 -0.74 0.00	40.05 -0.78 0.00	40.24 -0.82 0.00	37.98 -0.82 0.00	41.25 -1.01 0.00	39.91 -0.98 0.00	38.58 -0.91 0.00	37.71 -0.93 0.00	40.34 -0.95 0.00	40.51 -1.00 -0.05	42.48 -0.96 0.00	47.33 -0.87 0.00	49.57 -0.86 0.00	47.68 -0.68 0.00	40.33 -0.66 0.10	35.37 -0.70 0.53	31.36 -0.66 1.03
EAST_RIVER___1 323558	35.16 1.93 0.00	31.12 1.95 0.00	30.91 1.66 -1.64	30.97 1.70 0.00	32.44 1.72 0.00	35.66 1.92 0.00	43.47 2.73 0.00	46.71 3.46 0.00	45.87 3.75 -1.29	46.80 3.86 -1.89	45.10 3.53 -2.77	45.86 3.59 0.00	44.45 3.56 0.00	42.89 3.40 0.00	42.04 3.40 0.00	45.03 3.55 -0.18	46.08 3.57 -1.06	47.61 3.82 -0.35	52.46 4.00 -0.26	54.83 4.08 -0.32	52.63 3.97 -0.31	44.70 3.33 -0.29	39.53 2.93 0.00	35.56 2.51 0.00
EAST_RIVER___2 323559	35.19 1.96 0.00	31.12 1.95 0.00	30.94 1.68 -1.64	30.97 1.70 0.00	32.44 1.72 0.00	35.70 1.96 0.00	43.55 2.81 0.00	46.84 3.59 0.00	46.00 3.88 -1.29	46.97 4.03 -1.89	45.25 3.69 -2.77	46.03 3.76 0.00	44.61 3.72 0.00	43.05 3.56 0.00	42.20 3.55 0.00	45.23 3.76 -0.18	46.25 3.73 -1.06	47.83 4.04 -0.35	52.65 4.19 -0.26	55.03 4.28 -0.32	52.77 4.11 -0.31	44.78 3.41 -0.29	39.60 3.00 0.00	35.63 2.58 0.00
EAST___DELAWARE_HYD 23607	34.89 1.66 0.00	30.82 1.66 0.00	30.55 1.44 -1.50	30.77 1.49 0.00	32.25 1.54 0.00	35.46 1.72 0.00	43.07 2.32 0.00	46.15 2.90 0.00	44.27 3.02 -0.42	44.67 3.00 -0.62	42.50 2.79 -0.91	45.06 2.79 0.00	43.59 2.70 0.00	42.06 2.57 0.00	41.15 2.51 0.00	43.98 2.68 0.00	44.86 2.74 -0.67	46.35 2.91 0.00	51.43 3.23 0.00	53.86 3.43 0.00	51.65 3.29 0.00	43.84 2.75 0.00	39.01 2.41 0.00	35.13 2.08 0.00
EIGHT_POINT___WT_PWR 323820	33.33 0.10 0.00	28.64 -0.52 0.00	27.05 -0.91 -0.34	28.40 -0.88 0.00	30.01 -0.71 0.00	33.10 -0.64 0.00	40.01 -0.73 0.00	42.04 -1.21 0.00	39.56 -1.27 0.00	39.45 -1.60 0.00	37.36 -1.43 0.00	40.24 -2.03 0.00	38.76 -2.13 0.00	37.44 -2.06 0.00	36.75 -1.89 0.00	39.14 -2.15 0.00	39.21 -2.41 -0.16	41.31 -2.13 0.00	46.17 -2.02 0.00	48.56 -1.86 0.00	46.62 -1.74 0.00	39.53 -1.56 0.00	34.99 -1.61 0.00	31.79 -1.26 0.00
ELBRIDGE_115KV_TB2 80188	33.17 -0.07 0.00	28.99 -0.17 0.00	27.52 -0.28 -0.18	28.95 -0.32 0.00	30.44 -0.28 0.00	33.47 -0.27 0.00	41.23 0.49 0.00	43.77 0.52 0.00	40.22 -0.61 0.00	40.44 -0.62 0.00	38.29 -0.50 0.00	41.59 -0.68 0.00	40.20 -0.70 0.00	38.86 -0.63 0.00	38.02 -0.62 0.00	40.67 -0.62 0.00	40.87 -0.66 -0.07	42.79 -0.65 0.00	47.52 -0.67 0.00	49.72 -0.71 0.00	47.63 -0.73 0.00	40.47 -0.62 0.00	36.01 -0.59 0.00	32.52 -0.53 0.00
ELEC_TRO_TEK 24086	35.53 2.29 0.00	31.44 2.27 0.00	31.22 1.96 -1.64	31.23 1.96 0.00	32.68 1.97 0.00	36.03 2.29 0.00	44.00 3.26 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.12 4.02 -2.04	55.15 3.26 -13.09	57.82 3.42 -12.13	55.86 3.35 -11.62	55.61 3.16 -12.96	59.06 3.25 -17.17	57.66 3.47 -12.90	57.33 3.36 -12.52	84.52 3.61 -37.48	73.74 3.81 -21.73	74.74 3.88 -20.43	68.84 3.87 -16.61	53.69 3.20 -9.39	41.54 3.26 -1.69	36.08 3.01 -0.03
ELLENBURG_WT_PWR 323604	32.24 -1.00 0.00	28.17 -0.99 0.00	26.90 -0.72 0.00	28.66 -0.62 0.00	30.01 -0.71 0.00	32.93 -0.81 0.00	39.93 -0.81 0.00	42.30 -0.95 0.00	40.01 -0.82 0.00	40.32 -0.74 0.00	37.98 -0.82 0.00	41.21 -1.06 0.00	39.79 -1.10 0.00	38.31 -1.18 0.00	37.37 -1.27 0.00	39.77 -1.53 0.00	40.01 -1.45 0.00	41.92 -1.52 0.00	46.56 -1.64 0.00	48.76 -1.66 0.00	46.57 -1.79 0.00	37.69 -1.64 1.75	25.32 -1.46 9.81	12.93 -1.32 18.80

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.87 -0.37 0.00	27.97 -1.20 0.00	26.23 -1.66 -0.27	27.60 -1.67 0.00	29.24 -1.47 0.00	32.05 -1.69 0.00	38.42 -2.32 0.00	39.79 -3.46 0.00	38.01 -2.82 0.00	38.02 -3.04 0.00	36.39 -2.41 0.00	39.31 -2.96 0.00	37.91 -2.99 0.00	36.61 -2.88 0.00	35.86 -2.78 0.00	38.20 -3.10 0.00	38.10 -3.48 -0.12	39.92 -3.52 0.00	44.24 -3.95 0.00	46.59 -3.83 0.00	44.39 -3.97 0.00	38.17 -2.92 0.00	34.25 -2.34 0.00	31.33 -1.72 0.00
EMPIRE_CC_1 323656	34.50 1.26 0.00	30.50 1.34 0.00	30.74 1.19 -1.94	30.50 1.23 0.00	31.95 1.23 0.00	35.09 1.35 0.00	42.42 1.67 0.00	45.33 2.08 0.00	49.80 2.82 -6.15	53.01 2.92 -9.04	54.74 2.67 -13.28	44.30 2.03 0.00	42.94 2.04 0.00	41.46 1.97 0.00	40.57 1.93 0.00	46.33 2.19 -2.85	49.55 2.20 -5.89	51.13 2.26 -5.43	54.73 2.46 -4.07	57.91 2.47 -5.02	55.56 2.42 -4.79	47.67 2.14 -4.45	38.50 1.90 0.00	34.70 1.65 0.00
EMPIRE_CC_2 323658	34.50 1.26 0.00	30.50 1.34 0.00	30.74 1.19 -1.94	30.50 1.23 0.00	31.95 1.23 0.00	35.09 1.35 0.00	42.42 1.67 0.00	45.33 2.08 0.00	49.80 2.82 -6.15	53.01 2.92 -9.04	54.74 2.67 -13.28	44.30 2.03 0.00	42.94 2.04 0.00	41.46 1.97 0.00	40.57 1.93 0.00	46.33 2.19 -2.85	49.55 2.20 -5.89	51.13 2.26 -5.43	54.73 2.46 -4.07	57.91 2.47 -5.02	55.56 2.42 -4.79	47.67 2.14 -4.45	38.50 1.90 0.00	34.70 1.65 0.00
ENORWICH_115KV_TB1 80156	35.09 1.86 0.00	30.74 1.57 0.00	29.45 1.33 -0.50	30.65 1.38 0.00	32.50 1.78 0.00	35.90 2.16 0.00	43.56 2.81 0.00	46.15 2.90 0.00	43.32 2.49 0.00	43.19 2.13 0.00	40.81 2.02 0.00	44.13 1.86 0.00	42.36 1.47 0.00	40.87 1.38 0.00	39.99 1.35 0.00	42.90 1.61 0.00	43.22 1.53 -0.23	45.44 2.00 0.00	50.85 2.65 0.00	53.35 2.92 0.00	51.21 2.85 0.00	43.47 2.38 0.00	38.39 1.79 0.00	34.57 1.52 0.00
ERIE_ST__34_KV_TB1-2 80199	32.90 -0.33 0.00	27.94 -1.22 0.00	25.93 -1.96 -0.27	27.52 -1.76 0.00	29.15 -1.57 0.00	32.02 -1.72 0.00	38.46 -2.28 0.00	40.01 -3.24 0.00	38.18 -2.65 0.00	38.18 -2.87 0.00	36.54 -2.25 0.00	39.48 -2.79 0.00	38.07 -2.82 0.00	36.81 -2.69 0.00	36.01 -2.63 0.00	38.40 -2.89 0.00	37.93 -3.65 -0.12	40.23 -3.21 0.00	44.53 -3.66 0.00	46.95 -3.48 0.00	44.73 -3.63 0.00	38.46 -2.63 0.00	34.40 -2.20 0.00	31.40 -1.65 0.00
ERIE_WT_PWR 323693	33.00 -0.23 0.00	28.05 -1.11 0.00	26.23 -1.66 -0.27	27.66 -1.61 0.00	29.30 -1.41 0.00	32.16 -1.59 0.00	38.58 -2.16 0.00	40.01 -3.24 0.00	38.18 -2.65 0.00	38.06 -3.00 0.00	36.35 -2.44 0.00	39.35 -2.92 0.00	38.03 -2.86 0.00	36.80 -2.69 0.00	36.01 -2.63 0.00	38.40 -2.89 0.00	38.14 -3.44 -0.12	40.10 -3.34 0.00	44.49 -3.71 0.00	46.85 -3.58 0.00	45.02 -3.34 0.00	38.46 -2.63 0.00	34.33 -2.27 0.00	31.46 -1.59 0.00
ESPRGFLD_115KV_TB1 80157	35.16 1.93 0.00	31.00 1.84 0.00	29.18 1.66 0.10	31.03 1.76 0.00	32.68 1.97 0.00	35.97 2.23 0.00	43.43 2.69 0.00	46.10 2.85 0.00	46.89 2.69 -3.36	48.50 2.50 -4.94	48.49 2.44 -7.25	44.89 2.62 0.00	43.30 2.41 0.00	41.82 2.33 0.00	40.81 2.16 0.00	44.27 2.35 -0.62	44.84 2.32 -1.06	47.15 2.52 -1.19	52.12 3.04 -0.89	54.80 3.28 -1.10	52.59 3.19 -1.05	44.98 2.92 -0.97	38.94 2.34 0.00	35.13 2.08 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.90 0.66 0.00	29.60 0.44 0.00	28.26 0.28 -0.36	29.54 0.26 0.00	31.09 0.37 0.00	34.25 0.51 0.00	41.64 0.90 0.00	44.20 0.95 0.00	41.44 0.61 0.00	41.59 0.53 0.00	39.30 0.50 0.00	42.60 0.34 0.00	41.10 0.20 0.00	39.73 0.24 0.00	38.87 0.23 0.00	41.62 0.33 0.00	41.96 0.33 -0.17	43.96 0.52 0.00	48.97 0.77 0.00	51.28 0.86 0.00	49.18 0.82 0.00	41.75 0.66 0.00	37.07 0.48 0.00	33.45 0.40 0.00
ETNA____115KV_TB2 80207	33.90 0.66 0.00	29.60 0.44 0.00	28.26 0.28 -0.36	29.54 0.26 0.00	31.09 0.37 0.00	34.25 0.51 0.00	41.64 0.90 0.00	44.20 0.95 0.00	41.44 0.61 0.00	41.59 0.53 0.00	39.30 0.50 0.00	42.60 0.34 0.00	41.10 0.20 0.00	39.73 0.24 0.00	38.87 0.23 0.00	41.62 0.33 0.00	41.96 0.33 -0.17	43.96 0.52 0.00	48.97 0.77 0.00	51.28 0.86 0.00	49.18 0.82 0.00	41.75 0.66 0.00	37.07 0.48 0.00	33.45 0.40 0.00
EUCLID____115KV_TB2 356179	33.00 -0.23 0.00	28.84 -0.32 0.00	27.37 -0.39 -0.14	28.83 -0.44 0.00	30.29 -0.43 0.00	33.30 -0.44 0.00	40.34 -0.41 0.00	42.64 -0.61 0.00	40.18 -0.65 0.00	40.40 -0.66 0.00	38.25 -0.54 0.00	41.59 -0.68 0.00	40.24 -0.65 0.00	38.86 -0.63 0.00	38.06 -0.58 0.00	40.67 -0.62 0.00	40.86 -0.66 -0.06	42.75 -0.70 0.00	47.47 -0.72 0.00	49.62 -0.81 0.00	47.58 -0.77 0.00	40.43 -0.66 0.00	35.97 -0.62 0.00	32.52 -0.53 0.00
E_CANADA_CAP_HY 24051	35.69 2.46 0.00	31.47 2.30 0.00	32.14 2.16 -2.36	31.53 2.25 0.00	33.20 2.49 0.00	36.51 2.77 0.00	44.04 3.30 0.00	46.71 3.46 0.00	48.36 3.19 -4.35	50.32 2.87 -6.39	51.01 2.83 -9.38	45.31 3.04 0.00	43.75 2.86 0.00	42.29 2.80 0.00	41.12 2.48 0.00	44.83 2.72 -0.81	46.65 2.69 -2.49	47.86 2.87 -1.55	52.98 3.62 -1.16	55.80 3.94 -1.44	53.50 3.77 -1.37	46.02 3.66 -1.27	39.60 3.00 0.00	35.73 2.68 0.00
E_CANADA_MHWK_HY 24050	32.20 -1.03 0.00	28.32 -0.85 0.00	26.79 -0.83 0.00	28.37 -0.91 0.00	29.80 -0.92 0.00	32.73 -1.01 0.00	39.52 -1.22 0.00	41.95 -1.30 0.00	39.61 -1.22 0.00	39.78 -1.27 0.00	37.55 -1.24 0.00	40.91 -1.35 0.00	39.54 -1.35 0.00	38.23 -1.27 0.00	37.37 -1.27 0.00	39.97 -1.32 0.00	40.13 -1.33 0.00	42.01 -1.43 0.00	46.61 -1.59 0.00	48.76 -1.66 0.00	46.76 -1.59 0.00	39.82 -1.35 -0.09	35.80 -1.28 -0.48	32.77 -1.19 -0.91
E_FISHKILL___LBMP 23776	34.76 1.53 0.00	30.77 1.60 0.00	30.69 1.41 -1.66	30.68 1.41 0.00	32.13 1.41 0.00	35.33 1.59 0.00	42.90 2.16 0.00	45.93 2.68 0.00	45.05 2.94 -1.28	45.94 3.00 -1.88	44.27 2.72 -2.77	45.01 2.75 0.00	43.63 2.74 0.00	42.10 2.61 0.00	41.27 2.63 0.00	44.28 2.81 -0.18	45.30 2.78 -1.07	46.74 2.95 -0.35	51.59 3.13 -0.26	53.97 3.23 -0.32	51.85 3.19 -0.30	44.04 2.67 -0.28	38.98 2.38 0.00	35.10 2.05 0.00
FALCON___SEABRD_CC1 323796	32.60 -0.63 0.00	28.49 -0.67 0.00	27.18 -0.44 0.00	28.95 -0.32 0.00	30.32 -0.40 0.00	33.71 -0.03 0.00	40.91 0.16 0.00	43.34 0.09 0.00	40.95 0.12 0.00	41.30 0.25 0.00	38.91 0.12 0.00	42.22 -0.04 0.00	40.73 -0.16 0.00	39.17 -0.32 0.00	38.18 -0.46 0.00	40.59 -0.70 0.00	40.79 -0.66 0.00	42.83 -0.61 0.00	47.57 -0.63 0.00	49.87 -0.55 0.00	47.58 -0.78 0.00	38.52 -0.82 1.74	26.04 -0.77 9.79	13.65 -0.70 18.70
FALCON___SEABRD_CC2 323797	32.60 -0.63 0.00	28.49 -0.67 0.00	27.18 -0.44 0.00	28.95 -0.32 0.00	30.32 -0.40 0.00	33.71 -0.03 0.00	40.91 0.16 0.00	43.34 0.09 0.00	40.95 0.12 0.00	41.30 0.25 0.00	38.91 0.12 0.00	42.22 -0.04 0.00	40.73 -0.16 0.00	39.17 -0.32 0.00	38.18 -0.46 0.00	40.59 -0.70 0.00	40.79 -0.66 0.00	42.83 -0.61 0.00	47.57 -0.63 0.00	49.87 -0.55 0.00	47.58 -0.78 0.00	38.52 -0.82 1.74	26.04 -0.77 9.79	13.65 -0.70 18.70

FAR ROCKAWAY___4 23548	35.99 2.76 0.00	31.85 2.68 0.00	31.58 2.32 -1.64	31.62 2.34 0.00	33.08 2.37 0.00	36.51 2.77 0.00	44.57 3.83 0.00	47.49 4.24 0.00	46.74 4.61 -1.30	48.21 4.60 -2.56	98.89 3.72 -56.37	110.78 3.93 -64.58	99.55 3.88 -54.77	90.88 3.67 -47.71	115.82 3.71 -73.46	110.85 3.96 -65.60	102.71 3.90 -57.36	106.47 4.13 -58.90	133.56 4.43 -80.93	97.49 4.54 -42.52	137.04 4.50 -84.18	89.72 3.70 -44.93	48.26 3.73 -7.93	36.55 3.44 -0.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.16 1.93 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.51 2.77 0.00	46.67 3.42 0.00	45.79 3.67 -1.29	46.72 3.78 -1.89	44.98 3.41 -2.77	45.73 3.47 0.00	44.37 3.48 0.00	42.81 3.32 0.00	41.97 3.32 0.00	45.03 3.55 -0.18	46.00 3.48 -1.06	47.53 3.74 -0.35	52.41 3.95 -0.26	54.78 4.03 -0.32	52.63 3.97 -0.31	44.62 3.25 -0.29	39.49 2.89 0.00	35.56 2.51 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.19 1.96 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.66 1.92 0.00	43.51 2.77 0.00	46.67 3.42 0.00	45.79 3.67 -1.29	46.72 3.78 -1.89	44.98 3.41 -2.77	45.73 3.47 0.00	44.37 3.48 0.00	42.81 3.32 0.00	41.97 3.32 0.00	45.03 3.55 -0.18	46.04 3.52 -1.06	47.53 3.74 -0.35	52.41 3.95 -0.26	54.78 4.03 -0.32	52.63 3.97 -0.31	44.66 3.29 -0.29	39.52 2.93 0.00	35.56 2.51 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.16 1.93 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.51 2.77 0.00	46.62 3.37 0.00	45.79 3.67 -1.29	46.72 3.78 -1.89	44.94 3.37 -2.77	45.73 3.47 0.00	44.37 3.48 0.00	42.77 3.28 0.00	41.97 3.32 0.00	44.99 3.51 -0.18	46.00 3.48 -1.06	47.53 3.74 -0.35	52.36 3.90 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.62 3.25 -0.29	39.49 2.89 0.00	35.56 2.51 0.00
FARRAGUT___LBMP 323566	35.13 1.89 0.00	31.06 1.90 0.00	30.89 1.63 -1.64	30.91 1.64 0.00	32.38 1.66 0.00	35.60 1.86 0.00	43.47 2.73 0.00	46.58 3.33 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.90 3.34 -2.77	45.69 3.42 0.00	44.33 3.43 0.00	42.73 3.24 0.00	41.93 3.28 0.00	44.94 3.47 -0.18	45.96 3.44 -1.06	47.48 3.69 -0.35	52.31 3.86 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.53 2.48 0.00
FENNER___WINDPWR 24204	33.73 0.50 0.00	29.54 0.38 0.00	28.12 0.30 -0.20	29.57 0.29 0.00	31.11 0.40 0.00	34.28 0.54 0.00	41.52 0.77 0.00	44.03 0.78 0.00	41.44 0.61 0.00	41.55 0.49 0.00	39.26 0.47 0.00	42.69 0.42 0.00	41.26 0.37 0.00	39.89 0.39 0.00	39.03 0.39 0.00	41.75 0.46 0.00	42.01 0.46 -0.09	44.00 0.77 0.00	48.97 0.77 0.00	51.28 0.86 0.00	49.23 0.87 0.00	41.79 0.70 0.00	37.07 0.47 0.00	33.45 0.40 0.00
FIBERTEK___ENERGY 23856	33.30 0.07 0.00	29.10 -0.06 0.00	27.65 -0.14 -0.17	29.07 -0.20 0.00	30.56 -0.15 0.00	33.64 -0.10 0.00	41.15 0.41 0.00	43.64 0.39 0.00	40.50 -0.33 0.00	40.77 -0.29 0.00	38.60 -0.19 0.00	41.97 -0.30 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.37 -0.27 0.00	41.05 -0.25 0.00	41.24 -0.29 -0.07	43.09 -0.35 0.00	47.86 -0.34 0.00	50.07 -0.35 0.00	47.97 -0.39 0.00	40.76 -0.33 0.00	36.23 -0.37 0.00	32.72 -0.33 0.00
FITZPATRICK___ 23598	32.53 -0.70 0.00	28.46 -0.70 0.00	27.00 -0.72 -0.10	28.48 -0.79 0.00	29.92 -0.80 0.00	32.86 -0.88 0.00	39.65 -1.10 0.00	41.86 -1.39 0.00	39.56 -1.27 0.00	39.78 -1.27 0.00	37.63 -1.16 0.00	40.96 -1.31 0.00	39.58 -1.31 0.00	38.27 -1.22 0.00	37.44 -1.20 0.00	40.01 -1.28 0.00	40.21 -1.29 -0.04	42.09 -1.35 0.00	46.75 -1.44 0.00	48.86 -1.56 0.00	46.91 -1.45 0.00	39.81 -1.27 0.00	35.42 -1.17 0.00	32.03 -1.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.96 1.73 0.00	30.94 1.78 0.00	30.81 1.55 -1.64	30.85 1.58 0.00	32.31 1.60 0.00	35.53 1.79 0.00	43.19 2.44 0.00	46.28 3.03 0.00	45.16 3.23 -1.11	45.92 3.24 -1.62	44.17 2.99 -2.39	45.27 3.00 0.00	43.84 2.94 0.00	42.33 2.84 0.00	41.42 2.78 0.00	44.27 2.97 0.00	45.18 2.99 -0.74	46.57 3.13 0.00	51.62 3.42 0.00	54.00 3.58 0.00	51.84 3.48 0.00	43.97 2.88 0.00	39.19 2.60 0.00	35.30 2.25 0.00
FORT ORANGE___ 23900	34.06 0.83 0.00	30.15 0.99 0.00	30.44 0.83 -1.99	30.18 0.91 0.00	31.61 0.89 0.00	34.68 0.94 0.00	41.93 1.18 0.00	44.76 1.51 0.00	30.02 1.75 12.57	24.31 1.72 18.47	13.30 1.63 27.12	43.62 1.35 0.00	42.28 1.39 0.00	40.83 1.34 0.00	39.96 1.31 0.00	37.63 1.53 5.19	34.76 1.58 8.27	35.10 1.56 9.90	42.55 1.78 7.43	43.03 1.76 9.16	41.36 1.74 8.74	34.53 1.56 8.12	37.95 1.35 0.00	34.24 1.19 0.00
FORT_DRUM_COGEN 23780	32.67 -0.56 0.00	28.64 -0.52 0.00	27.18 -0.52 -0.08	28.75 -0.53 0.00	30.44 -0.28 0.00	33.61 -0.13 0.00	40.66 -0.08 0.00	43.03 -0.22 0.00	40.42 -0.41 0.00	40.24 -0.82 0.00	37.74 -1.05 0.00	40.96 -1.31 0.00	39.54 -1.35 0.00	38.23 -1.26 0.00	37.33 -1.31 0.00	40.01 -1.28 0.00	40.21 -1.29 -0.04	42.35 -1.09 0.00	47.57 -0.63 0.00	50.07 -0.35 0.00	48.21 -0.15 0.00	40.55 -0.21 0.34	34.19 -0.51 1.89	28.78 -0.63 3.64
FOX_HILLS___ESR 323835	35.22 1.96 -0.02	31.26 2.07 -0.02	31.12 1.85 -1.65	31.15 1.87 -0.01	32.60 1.87 -0.01	35.84 2.09 -0.01	43.54 2.77 -0.02	46.78 3.50 -0.02	46.91 3.80 -2.28	50.88 3.94 -5.88	51.01 3.57 -8.65	51.44 3.63 -5.53	52.26 3.64 -7.73	53.15 3.44 -10.22	52.87 3.48 -10.75	58.90 3.72 -13.89	86.75 3.69 -41.60	105.33 3.95 -57.94	61.63 4.19 -9.24	55.04 4.24 -0.38	65.40 4.21 -12.83	50.69 3.37 -6.23	49.58 2.93 -10.05	35.55 2.45 -0.06
FPL_FAR_ROCK_GT1 24212	35.99 2.76 0.00	31.84 2.68 0.00	31.58 2.32 -1.64	31.62 2.34 0.00	33.08 2.37 0.00	36.51 2.77 0.00	44.21 3.46 0.00	47.44 4.19 0.00	46.74 4.61 -1.30	48.25 4.64 -2.56	98.96 3.80 -56.37	110.70 3.85 -64.58	99.47 3.80 -54.77	90.91 3.71 -47.71	115.85 3.75 -73.46	110.85 3.96 -65.60	102.76 3.94 -57.36	106.55 4.21 -58.90	133.61 4.48 -80.93	97.54 4.59 -42.52	136.98 4.45 -84.18	89.76 3.74 -44.93	48.27 3.73 -7.93	36.55 3.44 -0.06
FPL_FAR_ROCK_GT2 23815	35.99 2.76 0.00	31.84 2.68 0.00	31.58 2.32 -1.64	31.62 2.34 0.00	33.08 2.37 0.00	36.51 2.77 0.00	44.21 3.46 0.00	47.44 4.19 0.00	46.74 4.61 -1.30	48.25 4.64 -2.56	98.96 3.80 -56.37	110.70 3.85 -64.58	99.47 3.80 -54.77	90.91 3.71 -47.71	115.85 3.75 -73.46	110.85 3.96 -65.60	102.76 3.94 -57.36	106.55 4.21 -58.90	133.61 4.48 -80.93	97.54 4.59 -42.52	136.98 4.45 -84.18	89.76 3.74 -44.93	48.27 3.73 -7.93	36.55 3.44 -0.06
FRANKLIN_FALL_HYD 24054	32.30 -0.93 0.00	28.20 -0.96 0.00	26.93 -0.69 0.00	28.72 -0.56 0.00	30.04 -0.68 0.00	33.03 -0.71 0.00	40.13 -0.61 0.00	42.43 -0.82 0.00	40.09 -0.73 0.00	40.44 -0.62 0.00	38.05 -0.74 0.00	41.29 -0.97 0.00	39.87 -1.02 0.00	38.38 -1.11 0.00	37.44 -1.20 0.00	39.81 -1.49 0.00	40.05 -1.41 0.00	42.05 -1.39 0.00	46.75 -1.45 0.00	49.06 -1.36 0.00	46.86 -1.50 0.00	38.02 -1.44 1.63	26.13 -1.32 9.15	14.30 -1.19 17.56

FREEPORT_EQUS_GT1 23764	35.76	31.64	31.39	31.44	32.87	36.27	43.92	47.06	46.33	47.41	58.56	61.77	58.81	57.27	62.44	61.67	60.71	78.78	76.68	73.20	74.00	56.41	42.34	36.32
	2.52	2.48	2.13	2.17	2.15	2.53	3.18	3.81	4.21	4.27	3.53	3.51	3.47	3.40	3.48	3.67	3.65	3.95	4.19	4.28	4.16	3.49	3.55	3.24
	0.00	0.00	-1.64	0.00	0.00	0.00	0.00	0.00	-1.30	-2.08	-16.24	-16.00	-14.44	-14.38	-20.32	-16.70	-15.60	-31.38	-24.29	-18.49	-21.49	-11.83	-2.20	-0.02
FREEPORT___CT2 23818	35.76	31.64	31.39	31.44	32.87	36.27	43.92	47.06	46.33	47.41	58.56	61.77	58.81	57.27	62.44	61.67	60.71	78.78	76.68	73.20	74.00	56.41	42.34	36.32
	2.52	2.48	2.13	2.17	2.15	2.53	3.18	3.81	4.21	4.27	3.53	3.51	3.47	3.40	3.48	3.67	3.65	3.95	4.19	4.28	4.16	3.49	3.55	3.24
	0.00	0.00	-1.64	0.00	0.00	0.00	0.00	0.00	-1.30	-2.08	-16.24	-16.00	-14.44	-14.38	-20.32	-16.70	-15.60	-31.38	-24.29	-18.49	-21.49	-11.83	-2.20	-0.02
FRESHKLS_33_KV_LOAD 356253	35.15	31.23	31.12	31.15	32.60	35.84	43.42	46.65	46.43	49.34	48.76	49.30	49.34	49.34	48.88	53.83	72.03	84.47	58.24	54.90	60.78	48.43	45.86	35.44
	1.89	2.04	1.85	1.87	1.87	2.09	2.65	3.37	3.67	3.86	3.45	3.51	3.52	3.32	3.36	3.59	3.57	3.82	4.05	4.13	4.11	3.25	2.82	2.35
	-0.02	-0.02	-1.65	-0.01	-0.01	-0.01	-0.02	-0.02	-1.93	-4.43	-6.52	-3.53	-4.93	-6.53	-6.87	-8.95	-27.00	-37.21	-6.00	-0.35	-8.31	-4.10	-6.45	-0.04
FULTON COGEN____ 23766	32.77	28.64	27.20	28.63	30.10	33.10	39.97	42.25	39.89	40.11	37.98	41.25	39.91	38.58	37.75	40.34	40.56	42.44	47.14	49.32	47.24	40.14	35.68	32.26
	-0.47	-0.52	-0.55	-0.64	-0.61	-0.64	-0.77	-0.99	-0.94	-0.94	-0.81	-1.01	-0.98	-0.91	-0.89	-0.95	-0.95	-1.00	-1.06	-1.11	-1.11	-0.95	-0.91	-0.79
	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	
FULTON___LFGE 323630	35.53	31.35	31.90	31.44	33.05	36.37	43.96	46.67	48.69	50.88	51.85	45.27	43.75	42.29	41.19	45.00	46.86	48.06	53.09	55.88	53.58	45.98	39.45	35.60
	2.29	2.19	2.04	2.17	2.33	2.63	3.22	3.42	3.10	2.83	2.79	3.00	2.86	2.80	2.55	2.81	2.82	2.91	3.62	3.88	3.72	3.49	2.86	2.55
	0.00	0.00	-2.24	0.00	0.00	0.00	0.00	0.00	-4.76	-6.99	-10.27	0.00	0.00	0.00	0.00	-0.89	-2.58	-1.70	-1.28	-1.58	-1.50	-1.40	0.00	0.00
G.F.CEMENT___DRP 24184	35.09	31.00	31.39	31.09	32.62	35.83	43.43	46.32	50.41	53.56	55.81	45.23	43.75	42.33	41.31	45.90	48.21	49.47	53.91	56.84	54.49	46.64	39.01	35.17
	1.86	1.84	1.71	1.81	1.90	2.09	2.69	3.07	3.02	2.87	2.87	2.96	2.86	2.84	2.67	2.97	2.94	2.91	3.37	3.53	3.38	3.00	2.42	2.12
	0.00	0.00	-2.06	0.00	0.00	0.00	0																	

GILBOA____ 23599	34.06 0.83 0.00	30.27 1.11 0.00	30.28 1.08 -1.59	30.39 1.11 0.00	31.85 1.14 0.00	34.85 1.11 0.00	41.84 1.10 0.00	44.63 1.38 0.00	42.14 1.31 0.00	42.37 1.31 0.00	39.99 1.20 0.00	43.66 1.39 0.00	42.24 1.35 0.00	40.83 1.34 0.00	39.96 1.31 0.00	42.74 1.45 0.00	43.58 1.41 -0.71	44.96 1.52 0.00	49.84 1.64 0.00	51.99 1.56 0.00	50.00 1.64 0.00	42.49 1.40 0.00	37.84 1.24 0.00	34.17 1.12 0.00
GINNA____ 23603	31.81 -1.43 0.00	27.41 -1.75 0.00	25.99 -1.82 -0.19	27.28 -1.99 0.00	28.78 -1.93 0.00	31.62 -2.12 0.00	37.97 -2.77 0.00	39.88 -3.37 0.00	37.93 -2.90 0.00	38.10 -2.96 0.00	36.12 -2.68 0.00	39.22 -3.04 0.00	37.91 -2.98 0.00	36.57 -2.92 0.00	35.82 -2.82 0.00	38.32 -2.97 0.00	38.47 -3.07 -0.08	40.05 -3.39 0.00	44.58 -3.62 0.00	46.75 -3.68 0.00	44.92 -3.43 0.00	38.13 -2.96 0.00	33.93 -2.67 0.00	30.80 -2.25 0.00
GLEN PARK____ 23778	32.80 -0.43 0.00	28.73 -0.44 0.00	27.26 -0.44 -0.09	28.84 -0.44 0.00	30.53 -0.18 0.00	33.74 0.00 0.00	40.83 0.08 0.00	43.16 -0.09 0.00	40.46 -0.37 0.00	40.28 -0.78 0.00	37.75 -1.05 0.00	41.00 -1.27 0.00	39.58 -1.31 0.00	38.23 -1.27 0.00	37.37 -1.27 0.00	40.06 -1.24 0.00	40.25 -1.24 -0.04	42.44 -1.00 0.00	47.76 -0.43 0.00	50.32 -0.10 0.00	48.50 0.15 0.00	40.77 0.00 0.32	34.44 -0.37 1.79	29.13 -0.49 3.43
GLENDALE_27_KV_LOAD 356172	35.33 2.09 0.00	31.26 2.10 0.00	31.08 1.82 -1.64	31.12 1.84 0.00	32.59 1.87 0.00	35.80 2.06 0.00	43.72 2.97 0.00	46.93 3.68 0.00	46.08 3.96 -1.29	47.06 4.11 -1.90	45.26 3.69 -2.78	46.08 3.80 -0.01	44.70 3.80 -0.01	43.08 3.59 0.00	42.24 3.59 0.00	45.32 3.84 -0.19	46.34 3.81 -1.07	47.88 4.08 -0.36	52.75 4.29 -0.26	55.13 4.39 -0.32	52.97 4.30 -0.31	44.87 3.49 -0.29	39.67 3.07 0.00	35.69 2.64 0.00
GLENWOOD_IC_1_G5 23712	35.49 2.26 0.00	31.41 2.25 0.00	31.20 1.93 -1.64	31.23 1.96 0.00	32.68 1.97 0.00	36.00 2.26 0.00	43.96 3.22 0.00	46.93 3.68 0.00	46.17 4.04 -1.30	47.22 4.11 -2.05	56.35 3.53 -14.03	59.14 3.51 -13.37	56.82 3.48 -12.45	56.28 3.32 -13.47	60.30 3.32 -18.34	58.83 3.55 -13.99	58.36 3.48 -13.41	83.64 3.74 -36.46	74.78 3.95 -22.63	74.67 4.03 -20.21	70.33 3.97 -18.01	54.60 3.41 -10.10	41.68 3.26 -1.83	36.02 2.94 -0.03
GLENWOOD_IC_2_G1 23688	35.30 2.06 0.00	31.23 2.07 0.00	31.06 1.79 -1.64	31.09 1.82 0.00	32.53 1.81 0.00	35.83 2.09 0.00	43.52 2.77 0.00	46.67 3.42 0.00	45.87 3.75 -1.29	46.81 3.86 -1.89	45.26 3.37 -3.10	46.03 3.38 -0.39	44.62 3.35 -0.37	43.17 3.24 -0.45	42.47 3.25 -0.58	45.30 3.43 -0.58	46.28 3.40 -1.42	48.88 3.65 -1.79	53.05 3.86 -1.00	55.44 3.94 -1.08	52.99 3.82 -0.82	44.91 3.25 -0.58	39.68 3.04 -0.05	35.76 2.71 0.00
GLENWOOD_IC_3_G1 23689	35.30 2.06 0.00	31.23 2.07 0.00	31.06 1.79 -1.64	31.09 1.82 0.00	32.53 1.81 0.00	35.83 2.09 0.00	43.52 2.77 0.00	46.67 3.42 0.00	45.87 3.75 -1.29	46.81 3.86 -1.89	45.26 3.37 -3.10	46.03 3.38 -0.39	44.62 3.35 -0.37	43.17 3.24 -0.45	42.47 3.25 -0.58	45.30 3.43 -0.58	46.28 3.40 -1.42	48.88 3.65 -1.79	53.05 3.86 -1.00	55.44 3.94 -1.08	52.99 3.82 -0.82	44.91 3.25 -0.58	39.68 3.04 -0.05	35.76 2.71 0.00
GLENWOOD____4 23550	35.49 2.26 0.00	31.41 2.25 0.00	31.20 1.93 -1.64	31.23 1.96 0.00	32.68 1.97 0.00	36.00 2.26 0.00	43.96 3.22 0.00	46.93 3.68 0.00	46.17 4.04 -1.30	47.22 4.11 -2.05	56.35 3.53 -14.03	59.19 3.55 -13.37	56.86 3.52 -12.45	56.32 3.36 -13.47	60.38 3.40 -18.34	58.88 3.59 -13.99	58.44 3.57 -13.41	83.68 3.78 -36.46	74.83 4.00 -22.63	74.72 4.08 -20.21	70.43 4.06 -18.01	54.60 3.41 -10.10	41.68 3.26 -1.83	36.02 2.94 -0.03
GLENWOOD____5 23614	35.49 2.26 0.00	31.41 2.25 0.00	31.20 1.93 -1.64	31.23 1.96 0.00	32.68 1.97 0.00	36.00 2.26 0.00	43.96 3.22 0.00	46.93 3.68 0.00	46.17 4.04 -1.30	47.22 4.11 -2.05	56.35 3.53 -14.03	59.19 3.55 -13.37	56.86 3.52 -12.45	56.32 3.36 -13.47	60.38 3.40 -18.34	58.88 3.59 -13.99	58.44 3.57 -13.41	83.68 3.78 -36.46	74.83 4.00 -22.63	74.72 4.08 -20.21	70.43 4.06 -18.01	54.60 3.41 -10.10	41.68 3.26 -1.83	36.02 2.94 -0.03
GLOBAL GREEN_PORT_GT1 23814	36.49 3.26 0.00	32.37 3.21 0.00	32.08 2.82 -1.64	32.17 2.90 0.00	33.57 2.86 0.00	37.08 3.34 0.00	44.86 4.11 0.00	48.14 4.89 0.00	47.43 5.31 -1.29	48.32 5.34 -1.92	47.89 4.42 -4.68	48.51 4.40 -1.85	47.80 4.21 -2.69	47.68 4.11 -4.09	46.82 4.06 -4.12	48.20 4.21 -2.69	49.22 4.23 -3.53	66.40 4.60 -18.36	59.77 4.67 -6.90	64.45 4.79 -9.23	56.47 4.60 -3.52	47.12 3.78 -2.26	40.85 3.92 -0.34	36.66 3.60 -0.01
GLOBE____DSASP 323697	32.34 -0.90 0.00	27.65 -1.52 0.00	26.02 -1.85 -0.25	27.31 -1.96 0.00	28.87 -1.84 0.00	31.48 -2.26 0.00	37.48 -3.26 0.00	38.67 -4.58 0.00	36.95 -3.88 0.00	36.99 -4.06 0.00	35.38 -3.41 0.00	38.21 -4.06 0.00	36.88 -4.01 0.00	35.62 -3.87 0.00	34.89 -3.75 0.00	37.16 -4.13 0.00	37.22 -4.35 -0.11	38.75 -4.69 0.00	42.94 -5.25 0.00	45.18 -5.24 0.00	43.08 -5.27 0.00	37.06 -4.03 0.00	33.38 -3.22 0.00	30.67 -2.38 0.00
GOETHSLN____LBMP 323567	35.03 1.79 0.00	30.97 1.81 0.00	30.78 1.52 -1.64	30.80 1.52 0.00	32.25 1.54 0.00	35.49 1.75 0.00	43.35 2.61 0.00	46.45 3.20 0.00	45.49 3.47 -1.19	46.13 3.57 -1.50	44.21 3.22 -2.20	44.98 3.25 0.54	43.41 3.27 0.76	41.61 3.12 1.00	40.76 3.17 1.05	43.42 3.30 1.18	41.81 3.32 2.96	41.60 3.52 5.36	51.23 3.66 0.63	54.52 3.78 -0.32	51.15 3.72 0.93	43.87 3.08 0.30	38.38 2.78 1.00	35.46 2.41 0.00
GOLAH____69_KV_TB 1_2 80279	33.20 -0.03 0.00	28.52 -0.64 0.00	26.99 -0.83 -0.20	28.37 -0.91 0.00	29.95 -0.77 0.00	32.96 -0.78 0.00	39.48 -1.26 0.00	41.30 -1.95 0.00	39.28 -1.55 0.00	39.33 -1.72 0.00	37.36 -1.44 0.00	40.36 -1.90 0.00	38.97 -1.92 0.00	37.60 -1.90 0.00	36.86 -1.78 0.00	39.31 -1.98 0.00	39.52 -2.03 -0.09	41.18 -2.26 0.00	45.88 -2.31 0.00	48.31 -2.12 0.00	46.18 -2.18 0.00	39.49 -1.60 0.00	35.28 -1.32 0.00	32.16 -0.89 0.00
GOODYEAR_LAKE_HYD 323669	34.60 1.36 0.00	30.53 1.37 0.00	29.30 1.22 -0.47	30.53 1.26 0.00	32.16 1.44 0.00	35.36 1.62 0.00	42.70 1.96 0.00	45.37 2.12 0.00	44.40 2.08 -1.49	45.22 1.97 -2.19	43.95 1.94 -3.22	44.30 2.03 0.00	42.81 1.92 0.00	41.31 1.82 0.00	40.42 1.78 0.00	43.49 1.94 -0.26	43.99 1.87 -0.67	45.97 2.04 -0.49	50.88 2.31 -0.37	53.35 2.47 -0.45	51.21 2.42 -0.43	43.59 2.10 -0.40	38.32 1.72 0.00	34.57 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.57 0.33 0.00	29.34 0.17 0.00	28.09 -0.06 -0.52	29.21 -0.06 0.00	30.75 0.03 0.00	33.84 0.10 0.00	40.95 0.20 0.00	43.34 0.09 0.00	40.91 0.08 0.00	41.10 0.04 0.00	38.95 0.16 0.00	42.27 0.00 0.00	40.85 -0.04 0.00	39.49 0.00 0.00	38.68 0.04 0.00	41.29 0.00 0.00	41.58 -0.12 -0.24	43.44 0.00 0.00	48.25 0.05 0.00	50.58 0.15 0.00	48.40 0.05 0.00	41.21 0.12 0.00	36.63 0.04 0.00	33.15 0.10 0.00

GOUDEY___7 23579	33.57 0.33 0.00	29.34 0.17 0.00	28.09 -0.06 -0.52	29.21 -0.06 0.00	30.75 0.03 0.00	33.84 0.10 0.00	40.95 0.20 0.00	43.34 0.09 0.00	40.91 0.08 0.00	41.10 0.04 0.00	38.95 0.16 0.00	42.27 0.00 0.00	40.85 -0.04 0.00	39.49 0.00 0.00	38.68 0.04 0.00	41.29 0.00 0.00	41.58 -0.12 -0.24	43.44 0.00 0.00	48.25 0.05 0.00	50.58 0.15 0.00	48.40 0.05 0.00	41.21 0.12 0.00	36.63 0.04 0.00	33.15 0.10 0.00
GOUDEY___8 23580	33.57 0.33 0.00	29.34 0.17 0.00	28.09 -0.06 -0.52	29.21 -0.06 0.00	30.75 0.03 0.00	33.84 0.10 0.00	40.95 0.20 0.00	43.34 0.09 0.00	40.91 0.08 0.00	41.10 0.04 0.00	38.95 0.16 0.00	42.27 0.00 0.00	40.85 -0.04 0.00	39.49 0.00 0.00	38.68 0.04 0.00	41.29 0.00 0.00	41.58 -0.12 -0.24	43.44 0.00 0.00	48.25 0.05 0.00	50.58 0.15 0.00	48.40 0.05 0.00	41.21 0.12 0.00	36.63 0.04 0.00	33.15 0.10 0.00
GOWANUS_GT1_1 24077	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06
GOWANUS_GT1_2 24078	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06
GOWANUS_GT1_3 24079	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06
GOWANUS_GT1_4 24080	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06
GOWANUS_GT1_5 24084	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06
GOWANUS_GT1_6 24111	35.32 2.06 -0.02	31.31 2.13 -0.02																						

GOWANUS_GT2_6 24119	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
GOWANUS_GT2_7 24120	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
GOWANUS_GT2_8 24121	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
GOWANUS_GT3_1 24122	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
GOWANUS_GT3_2 24123	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
GOWANUS_GT3_3 24124	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
GOWANUS_GT3_4 24125	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
GOWANUS_GT3_5 																								

GOWANUS_GT4_5 24134	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06
GOWANUS_GT4_6 24135	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06
GOWANUS_GT4_7 24136	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06
GOWANUS_GT4_8 24137	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06
GREATVR_69_KV_BK1 356245	36.19 2.96 0.00	32.02 2.86 0.00	31.75 2.49 -1.64	31.76 2.49 0.00	33.24 2.52 0.00	36.74 3.00 0.00	44.94 4.20 0.00	47.62 4.37 0.00	46.94 4.82 -1.29	47.79 4.80 -1.93	48.11 4.00 -5.32	49.08 4.18 -2.63	48.42 4.17 -3.35	48.16 3.99 -4.68	47.74 4.06 -5.04	49.06 4.29 -3.47	49.94 4.27 -4.21	67.29 4.60 -19.24	61.11 5.01 -7.90	65.39 5.14 -9.82	57.96 5.08 -4.52	48.07 4.19 -2.79	41.36 4.32 -0.44	36.86 3.80 -0.01
GREENBSH_115KV_TB3 55895	33.93 0.70 0.00	30.04 0.87 0.00	30.39 0.77 -2.00	30.06 0.79 0.00	31.48 0.77 0.00	34.55 0.81 0.00	41.72 0.98 0.00	44.59 1.34 0.00	28.99 1.55 13.39	22.98 1.60 19.68	11.36 1.47 28.90	43.53 1.27 0.00	42.20 1.31 0.00	40.79 1.30 0.00	39.88 1.24 0.00	37.22 1.45 5.52	34.02 1.41 8.85	34.35 1.43 10.53	41.84 1.54 7.90	42.20 1.51 9.74	40.57 1.50 9.29	33.90 1.44 8.63	37.80 1.21 0.00	34.11 1.06 0.00
GREENDGE_115KV_TB5 80291	33.60 0.37 0.00	29.08 -0.09 0.00	27.58 -0.36 -0.32	28.89 -0.38 0.00	30.47 -0.25 0.00	33.61 -0.13 0.00	40.83 0.08 0.00	43.94 0.69 0.00	41.07 0.24 0.00	41.14 0.08 0.00	38.95 0.16 0.00	42.06 -0.21 0.00	40.52 -0.37 0.00	39.17 -0.32 0.00	38.41 -0.23 0.00	41.05 -0.25 0.00	41.24 -0.37 -0.16	43.35 -0.09 0.00	48.39 0.19 0.00	50.32 -0.10 0.00	48.07 -0.29 0.00	41.25 0.16 0.00	36.56 -0.04 0.00	33.05 0.00 0.00
GREENIDGE___3 23582	33.60 0.37 0.00	29.08 -0.09 0.00	27.58 -0.36 -0.32	28.89 -0.38 0.00	30.47 -0.25 0.00	33.61 -0.13 0.00	40.83 0.08 0.00	43.94 0.69 0.00	41.07 0.24 0.00	41.14 0.08 0.00	38.95 0.16 0.00	42.06 -0.21 0.00	40.52 -0.37 0.00	39.17 -0.32 0.00	38.41 -0.23 0.00	41.05 -0.25 0.00	41.24 -0.37 -0.16	43.35 -0.09 0.00	48.39 0.19 0.00	50.32 -0.10 0.00	48.07 -0.29 0.00	41.25 0.16 0.00	36.56 -0.04 0.00	33.05 0.00 0.00
GREENIDGE___4 23583	33.60 0.37 0.00	29.08 -0.09 0.00	27.58 -0.36 -0.32	28.89 -0.38 0.00	30.47 -0.25 0.00	33.61 -0.13 0.00	40.83 0.08 0.00	43.94 0.69 0.00	41.08 0.25 0.00	41.10 0.04 0.00	38.91 0.12 0.00	42.01 -0.25 0.00	40.52 -0.37 0.00	39.22 -0.27 0.00	38.41 -0.23 0.00	41.05 -0.25 0.00	41.24 -0.37 -0.16	43.35 -0.09 0.00	48.44 0.24 0.00	50.32 -0.10 0.00	48.70 0.34 0.00	41.30 0.21 0.00	36.52 -0.07 0.00	33.05 0.00 0.00
GREENLWN_69_KV_BK 3 55738	35.86 2.63 0.00	31.73 2.57 0.00	31.47 2.21 -1.64	31.50 2.22 0.00	32.96 2.24 0.00	36.37 2.63 0.00	44.45 3.71 0.00	47.23 3.98 0.00	46.53 4.41 -1.29	47.42 4.43 -1.93	47.50 3.65 -5.06	48.38 3.80 -2.31	47.75 3.76 -3.10	47.55 3.59 -4.46	46.96 3.63 -4.68	48.34 3.88 -3.16	49.17 3.77 -3.94	66.48 4.04 -19.00	60.06 4.34 -7.53	64.50 4.44 -9.64	56.88 4.40 -4.12	47.29 3.62 -2.58	40.70 3.70 -0.40	36.43 3.37 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06
GRISSOM___SOLAR 323813	35.39 2.16 0.00	31.23 2.07 0.00	31.79 1.96 -2.21	31.32 2.05 0.00	32.93 2.21 0.00	36.20 2.46 0.00	43.76 3.02 0.00	46.49 3.25 0.00	48.60 2.94 -4.83	50.87 2.71 -7.10	51.90 2.67 -10.43	45.14 2.88 0.00	43.63 2.74 0.00	42.18 2.69 0.00	41.12 2.48 0.00	44.93 2.72 -0.91	46.75 2.69 -2.59	47.99 2.82 -1.73	52.97 3.47 -1.30	55.71 3.68 -1.60	53.41 3.53 -1.53	45.80 3.29 -1.42	39.30 2.71 0.00	35.46 2.41 0.00
GROVEVILLE___HYD 323602	34.96 1.73 0.00	30.94 1.78 0.00	30.81 1.55 -1.64	30.85 1.58 0.00	32.31 1.60 0.00	35.53 1.79 0.00	43.19 2.44 0.00	46.28 3.03 0.00	45.16 3.23 -1.11	45.92 3.24 -1.62	44.17 2.99 -2.39	45.27 3.00 0.00	43.84 2.94 0.00	42.33 2.84 0.00	41.42 2.78 0.00	44.27 2.97 0.00	45.18 2.99 -0.74	46.57 3.13 0.00	51.62 3.42 0.00	54.00 3.58 0.00	51.84 3.48 0.00	43.97 2.88 0.00	39.19 2.60 0.00	35.30 2.25 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.30 0.07 0.00	29.10 -0.06 0.00	27.65 -0.14 -0.17	29.07 -0.20 0.00	30.56 -0.15 0.00	33.64 -0.10 0.00	41.15 0.41 0.00	43.64 0.39 0.00	40.50 -0.33 0.00	40.77 -0.29 0.00	38.60 -0.19 0.00	41.97 -0.30 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.37 -0.27 0.00	41.05 -0.25 0.00	41.24 -0.29 -0.07	43.09 -0.35 0.00	47.86 -0.34 0.00	50.07 -0.35 0.00	47.97 -0.39 0.00	40.76 -0.33 0.00	36.23 -0.37 0.00	32.72 -0.33 0.00
HAMLTNNY_34_KV_TB 80303	33.37 0.13 0.00	29.13 -0.03 0.00	27.66 -0.14 -0.18	29.10 -0.18 0.00	30.59 -0.12 0.00	33.64 -0.10 0.00	41.40 0.65 0.00	44.07 0.82 0.00	40.54 -0.29 0.00	40.77 -0.29 0.00	38.60 -0.19 0.00	41.93 -0.34 0.00	40.52 -0.37 0.00	39.14 -0.36 0.00	38.33 -0.31 0.00	41.00 -0.29 0.00	41.20 -0.33 -0.07	43.09 -0.35 0.00	47.91 -0.29 0.00	50.12 -0.30 0.00	48.02 -0.34 0.00	40.76 -0.33 0.00	36.23 -0.37 0.00	32.75 -0.30 0.00

HAMPSHIRE___PAPER_HYD 323593	31.67 -1.56 0.00	27.73 -1.43 0.00	26.39 -1.27 -0.04	28.10 -1.17 0.00	29.58 -1.14 0.00	32.56 -1.18 0.00	39.44 -1.31 0.00	41.69 -1.56 0.00	39.24 -1.59 0.00	39.29 -1.76 0.00	36.82 -1.98 0.00	40.03 -2.24 0.00	38.64 -2.25 0.00	37.32 -2.17 0.00	36.44 -2.20 0.00	38.94 -2.35 0.00	39.20 -2.28 -0.02	41.18 -2.26 0.00	45.93 -2.26 0.00	48.26 -2.17 0.00	46.33 -2.03 0.00	38.36 -1.81 0.92	29.73 -1.72 5.15	21.53 -1.65 9.87
HARDSCRABBLE_WT_PWR 323673	32.27 -0.96 0.00	28.38 -0.79 0.00	26.85 -0.77 0.00	28.42 -0.85 0.00	29.86 -0.86 0.00	32.80 -0.94 0.00	39.60 -1.14 0.00	42.04 -1.21 0.00	39.69 -1.14 0.00	39.86 -1.19 0.00	37.67 -1.13 0.00	41.00 -1.27 0.00	39.62 -1.27 0.00	38.31 -1.18 0.00	37.44 -1.20 0.00	40.06 -1.24 0.00	40.22 -1.24 0.00	42.09 -1.35 0.00	46.70 -1.49 0.00	48.86 -1.56 0.00	46.86 -1.50 0.00	39.90 -1.27 -0.09	35.87 -1.21 -0.48	32.84 -1.12 -0.91
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.80 1.56 0.00	30.80 1.63 0.00	30.56 1.41 -1.54	30.68 1.41 0.00	32.16 1.44 0.00	35.36 1.62 0.00	43.03 2.28 0.00	46.02 2.77 0.00	44.96 3.02 -1.11	45.72 3.04 -1.63	43.98 2.79 -2.39	45.14 2.87 0.00	43.71 2.82 0.00	42.22 2.72 0.00	41.35 2.70 0.00	44.14 2.85 0.00	45.01 2.86 -0.69	46.48 3.04 0.00	51.47 3.28 0.00	53.85 3.43 0.00	51.69 3.34 0.00	43.84 2.75 0.00	39.05 2.45 0.00	35.13 2.08 0.00
HARSNRAD_115KV_TB1 81005	32.64 -0.60 0.00	27.76 -1.40 0.00	26.10 -1.77 -0.25	27.43 -1.84 0.00	29.03 -1.69 0.00	31.82 -1.92 0.00	38.06 -2.69 0.00	39.31 -3.94 0.00	37.60 -3.23 0.00	37.61 -3.45 0.00	35.96 -2.83 0.00	38.80 -3.47 0.00	37.46 -3.43 0.00	36.13 -3.36 0.00	35.44 -3.21 0.00	37.74 -3.55 0.00	37.71 -3.86 -0.11	39.44 -4.00 0.00	43.71 -4.48 0.00	46.04 -4.39 0.00	43.91 -4.45 0.00	37.76 -3.33 0.00	33.93 -2.67 0.00	31.10 -1.95 0.00
HARZA MOOSE___RIVER 24016	33.13 -0.10 0.00	29.08 -0.09 0.00	27.59 -0.08 -0.05	29.19 -0.09 0.00	30.78 0.06 0.00	33.91 0.17 0.00	41.03 0.29 0.00	43.47 0.22 0.00	40.95 0.12 0.00	40.97 -0.08 0.00	38.40 -0.39 0.00	41.76 -0.51 0.00	40.36 -0.53 0.00	38.98 -0.51 0.00	38.14 -0.50 0.00	40.80 -0.50 0.00	41.03 -0.46 -0.02	43.09 -0.35 0.00	48.10 -0.10 0.00	50.42 0.00 0.00	48.45 0.10 0.00	40.94 0.04 0.19	35.38 -0.15 1.07	30.76 -0.23 2.06
HDSNBRDG_115KV_BRDG_TB1 355580	33.13 -0.10 0.00	28.96 -0.20 0.00	27.47 -0.30 -0.15	28.92 -0.35 0.00	30.41 -0.31 0.00	33.44 -0.30 0.00	40.54 -0.20 0.00	42.86 -0.39 0.00	40.38 -0.45 0.00	40.65 -0.41 0.00	38.48 -0.31 0.00	41.84 -0.42 0.00	40.48 -0.41 0.00	39.10 -0.39 0.00	38.29 -0.35 0.00	40.92 -0.37 0.00	41.11 -0.41 -0.07	42.96 -0.48 0.00	47.72 -0.48 0.00	49.92 -0.50 0.00	47.82 -0.53 0.00	40.64 -0.45 0.00	36.16 -0.44 0.00	32.69 -0.36 0.00
HELLGATE_13_KV_LD 55870	35.33 2.09 0.00	31.26 2.10 0.00	31.08 1.82 -1.64	31.15 1.87 0.00	32.59 1.87 0.00	35.83 2.09 0.00	43.72 2.97 0.00	46.93 3.68 0.00	46.08 3.96 -1.29	47.06 4.11 -1.90	45.26 3.69 -2.78	46.08 3.80 -0.01	44.70 3.80 -0.01	43.08 3.59 0.00	42.24 3.59 0.00	45.32 3.84 -0.19	46.34 3.81 -1.07	47.88 4.08 -0.36	52.75 4.29 -0.26	55.08 4.34 -0.32	52.92 4.26 -0.31	44.87 3.49 -0.29	39.67 3.07 0.00	35.66 2.61 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.33 2.09 0.00	31.26 2.10 0.00	31.08 1.82 -1.64	31.15 1.87 0.00	32.59 1.87 0.00	35.83 2.09 0.00	43.72 2.97 0.00	46.93 3.68 0.00	46.08 3.96 -1.29	47.06 4.11 -1.90	45.26 3.69 -2.78	46.08 3.80 -0.01	44.70 3.80 -0.01	43.08 3.59 0.00	42.24 3.59 0.00	45.32 3.84 -0.19	46.34 3.81 -1.07	47.88 4.08 -0.36	52.75 4.29 -0.26	55.08 4.34 -0.32	52.92 4.26 -0.31	44.87 3.49 -0.29	39.67 3.07 0.00	35.66 2.61 0.00
HEMPSTEAD____ 23647	35.49 2.26 0.00	31.41 2.25 0.00	31.19 1.93 -1.64	31.20 1.93 0.00	32.65 1.94 0.00	36.00 2.26 0.00	43.64 2.89 0.00	46.75 3.50 0.00	46.05 3.92 -1.30	47.13 4.03 -2.05	55.30 3.37 -13.14	57.81 3.38 -12.16	55.66 3.31 -11.46	54.91 3.20 -12.22	58.40 3.28 -16.48	57.72 3.47 -12.96	57.32 3.40 -12.46	79.14 3.65 -32.05	72.63 3.86 -20.58	72.30 3.94 -17.94	68.86 3.82 -16.69	53.68 3.25 -9.34	41.61 3.26 -1.76	36.01 2.94 -0.02
HICKLING___1 23621	33.53 0.30 0.00	29.05 -0.12 0.00	27.51 -0.52 -0.41	28.78 -0.50 0.00	30.35 -0.37 0.00	33.47 -0.27 0.00	40.50 -0.24 0.00	42.77 -0.48 0.00	40.50 -0.33 0.00	40.60 -0.45 0.00	38.60 -0.19 0.00	41.67 -0.59 0.00	40.20 -0.70 0.00	38.90 -0.59 0.00	38.14 -0.50 0.00	40.67 -0.62 0.00	40.78 -0.87 -0.19	42.79 -0.65 0.00	47.62 -0.58 0.00	49.97 -0.45 0.00	47.68 -0.68 0.00	40.72 -0.37 0.00	36.16 -0.44 0.00	32.79 -0.26 0.00
HICKLING___2 23622	33.53 0.30 0.00	29.05 -0.12 0.00	27.51 -0.52 -0.41	28.78 -0.50 0.00	30.35 -0.37 0.00	33.47 -0.27 0.00	40.50 -0.24 0.00	42.77 -0.48 0.00	40.50 -0.33 0.00	40.60 -0.45 0.00	38.60 -0.19 0.00	41.67 -0.59 0.00	40.20 -0.70 0.00	38.90 -0.59 0.00	38.14 -0.50 0.00	40.67 -0.62 0.00	40.78 -0.87 -0.19	42.79 -0.65 0.00	47.62 -0.58 0.00	49.97 -0.45 0.00	47.68 -0.68 0.00	40.72 -0.37 0.00	36.16 -0.44 0.00	32.79 -0.26 0.00
HIGH FALLS___HY 23754	34.93 1.69 0.00	30.88 1.72 0.00	30.78 1.52 -1.64	30.80 1.52 0.00	32.28 1.57 0.00	35.49 1.75 0.00	43.19 2.44 0.00	46.23 2.98 0.00	43.93 3.10 0.00	44.09 3.04 0.00	41.55 2.75 0.00	45.10 2.83 0.00	43.63 2.74 0.00	42.10 2.61 0.00	41.23 2.59 0.00	43.66 2.77 0.40	44.30 2.82 -0.02	45.67 3.00 0.77	50.95 3.33 0.58	53.24 3.53 0.71	51.11 3.43 0.68	43.25 2.79 0.63	39.12 2.53 0.00	35.23 2.18 0.00
HIGH_RIVER___SOLAR 323847	34.73 1.50 0.00	30.68 1.52 0.00	31.16 1.41 -2.13	30.74 1.46 0.00	32.25 1.54 0.00	35.43 1.69 0.00	42.82 2.08 0.00	45.45 2.20 0.00	47.93 2.00 -5.10	50.41 1.85 -7.50	51.59 1.79 -11.01	44.21 1.95 0.00	42.77 1.88 0.00	41.31 1.82 0.00	40.34 1.70 0.00	44.15 1.90 -0.96	46.02 1.91 -2.65	47.32 2.04 -1.83	52.03 2.46 -1.37	54.74 2.62 -1.69	52.53 2.56 -1.62	44.89 2.30 -1.50	38.57 1.97 0.00	34.80 1.75 0.00
HILLBURN___GT 23639	34.83 1.60 0.00	30.82 1.66 0.00	30.58 1.41 -1.55	30.71 1.43 0.00	32.16 1.44 0.00	35.36 1.62 0.00	43.02 2.28 0.00	46.15 2.90 0.00	45.11 3.14 -1.14	45.94 3.20 -1.68	44.28 3.03 -2.46	45.35 3.08 0.00	43.92 3.03 0.00	42.37 2.88 0.00	41.54 2.90 0.00	44.50 3.06 -0.16	45.50 3.07 -0.97	47.00 3.26 -0.30	51.89 3.47 -0.22	54.33 3.63 -0.27	52.10 3.48 -0.26	44.29 2.96 -0.24	39.16 2.56 0.00	35.20 2.15 0.00
HILLSIDE_115KV_TB1 80332	33.13 -0.10 0.00	28.81 -0.35 0.00	27.30 -0.75 -0.43	28.54 -0.73 0.00	30.07 -0.65 0.00	33.17 -0.57 0.00	40.13 -0.61 0.00	42.34 -0.91 0.00	39.97 -0.86 0.00	40.07 -0.99 0.00	38.05 -0.74 0.00	41.21 -1.06 0.00	39.83 -1.06 0.00	38.46 -1.03 0.00	37.72 -0.93 0.00	40.22 -1.07 0.00	40.37 -1.29 -0.20	42.35 -1.09 0.00	47.04 -1.16 0.00	49.42 -1.01 0.00	47.20 -1.16 0.00	40.31 -0.78 0.00	35.83 -0.77 0.00	32.49 -0.56 0.00

HISHELDN_WT_PWR 323625	32.74 -0.50 0.00	28.02 -1.14 0.00	26.34 -1.57 -0.29	27.69 -1.58 0.00	29.30 -1.41 0.00	32.19 -1.55 0.00	38.67 -2.08 0.00	40.22 -3.03 0.00	38.22 -2.61 0.00	38.14 -2.91 0.00	36.31 -2.48 0.00	39.27 -3.00 0.00	37.95 -2.94 0.00	36.73 -2.77 0.00	35.98 -2.67 0.00	38.36 -2.93 0.00	38.27 -3.32 -0.13	40.18 -3.26 0.00	44.68 -3.52 0.00	46.99 -3.43 0.00	45.12 -3.24 0.00	38.42 -2.67 0.00	34.22 -2.38 0.00	31.30 -1.75 0.00
HOLTSVILLE_IC_1 23690	35.83 2.59 0.00	31.73 2.57 0.00	31.47 2.21 -1.64	31.53 2.25 0.00	32.93 2.21 0.00	36.37 2.63 0.00	43.88 3.14 0.00	46.97 3.72 0.00	46.29 4.17 -1.29	47.25 4.27 -1.92	47.00 3.57 -4.64	47.57 3.51 -1.80	47.02 3.47 -2.65	46.98 3.43 -4.05	46.26 3.55 -4.07	47.61 3.67 -2.64	48.60 3.65 -3.49	65.70 3.95 -18.30	59.22 4.19 -6.84	63.85 4.24 -9.19	55.92 4.11 -3.46	46.89 3.57 -2.22	40.77 3.84 -0.33	36.47 3.40 -0.01
HOLTSVILLE_IC_10 23699	36.03 2.79 0.00	31.88 2.71 0.00	31.61 2.35 -1.64	31.67 2.40 0.00	33.08 2.37 0.00	36.57 2.83 0.00	44.12 3.38 0.00	47.23 3.98 0.00	46.53 4.41 -1.29	47.54 4.56 -1.93	47.44 3.84 -4.80	48.07 3.81 -2.00	47.47 3.76 -2.82	47.45 3.75 -4.20	46.77 3.83 -4.30	48.10 3.96 -2.84	49.10 3.98 -3.66	66.27 4.30 -18.53	59.91 4.63 -7.09	64.46 4.69 -9.34	56.56 4.50 -3.71	47.31 3.86 -2.36	41.01 4.06 -0.36	36.66 3.60 -0.01
HOLTSVILLE_IC_2 23691	35.83 2.59 0.00	31.73 2.57 0.00	31.47 2.21 -1.64	31.53 2.25 0.00	32.93 2.21 0.00	36.37 2.63 0.00	43.88 3.14 0.00	46.97 3.72 0.00	46.29 4.17 -1.29	47.25 4.27 -1.92	47.00 3.57 -4.64	47.57 3.51 -1.80	47.02 3.47 -2.65	46.98 3.43 -4.05	46.26 3.55 -4.07	47.61 3.67 -2.64	48.60 3.65 -3.49	65.70 3.95 -18.30	59.22 4.19 -6.84	63.85 4.24 -9.19	55.92 4.11 -3.46	46.89 3.57 -2.22	40.77 3.84 -0.33	36.47 3.40 -0.01
HOLTSVILLE_IC_3 23692	35.83 2.59 0.00	31.73 2.57 0.00	31.47 2.21 -1.64	31.53 2.25 0.00	32.93 2.21 0.00	36.37 2.63 0.00	43.88 3.14 0.00	46.97 3.72 0.00	46.29 4.17 -1.29	47.25 4.27 -1.92	47.00 3.57 -4.64	47.57 3.51 -1.80	47.02 3.47 -2.65	46.98 3.43 -4.05	46.26 3.55 -4.07	47.61 3.67 -2.64	48.60 3.65 -3.49	65.70 3.95 -18.30	59.22 4.19 -6.84	63.85 4.24 -9.19	55.92 4.11 -3.46	46.89 3.57 -2.22	40.77 3.84 -0.33	36.47 3.40 -0.01
HOLTSVILLE_IC_4 23693	35.83 2.59 0.00	31.73 2.57 0.00	31.47 2.21 -1.64	31.53 2.25 0.00	32.93 2.21 0.00	36.37 2.63 0.00	43.88 3.14 0.00	46.97 3.72 0.00	46.29 4.17 -1.29	47.25 4.27 -1.92	47.00 3.57 -4.64	47.57 3.51 -1.80	47.02 3.47 -2.65	46.98 3.43 -4.05	46.26 3.55 -4.07	47.61 3.67 -2.64	48.60 3.65 -3.49	65.70 3.95 -18.30	59.22 4.19 -6.84	63.85 4.24 -9.19	55.92 4.11 -3.46	46.89 3.57 -2.22	40.77 3.84 -0.33	36.47 3.40 -0.01
HOLTSVILLE_IC_5 23694	35.83 2.59 0.00	31.73 2.57 0.00	31.47 2.21 -1.64	31.53 2.25 0.00	32.93 2.21 0.00	36.37 2.63 0.00	43.88 3.14 0.00	46.97 3.72 0.00	46.29 4.17 -1.29	47.25 4.27 -1.92	47.00 3.57 -4.64	47.57 3.51 -1.80	47.02 3.47 -2.65	46.98 3.43 -4.05	46.26 3.55 -4.07	47.61 3.67 -2.64	48.60 3.65 -3.49	65.70 3.95 -18.30	59.22 4.19 -6.84	63.85 4.24 -9.19	55.92 4.11 -3.46	46.89 3.57 -2.22	40.77 3.84 -0.33	36.47 3.40 -0.01
HOLTSVILLE_IC_6 23695	36.03 2.79 0.00	31.88 2.71 0.00	31.61 2.35 -1.64	31.67 2.40 0.00	33.08 2.37 0.00	36.57 2.83 0.00	44.12 3.38 0.00	47.23 3.98 0.00	46.53 4.41 -1.29	47.54 4.56 -1.93	47.44 3.84 -4.80	48.07 3.81 -2.00	47.47 3.76 -2.82	47.45 3.75 -4.20	46.77 3.83 -4.30	48.10 3.96 -2.84	49.10 3.98 -3.66	66.27 4.30 -18.53	59.91 4.63 -7.09	64.46 4.69 -9.34	56.56 4.50 -3.71	47.31 3.86 -2.36	41.01 4.06 -0.36	36.66 3.60 -0.01
HOLTSVILLE_IC_7 23696	36.03 2.79 0.00	31.88 2.71 0.00	31.61 2.35 -1.64	31.67 2.40 0.00	33.08 2.37 0.00	36.57 2.83 0.00	44.12 3.38 0.00	47.23 3.98 0.00	46.53 4.41 -1.29	47.54 4.56 -1.93	47.44 3.84 -4.80	48.07 3.81 -2.00	47.47 3.76 -2.82	47.45 3.75 -4.20	46.77 3.83 -4.30	48.10 3.96 -2.84	49.10 3.98 -3.66	66.27 4.30 -18.53	59.91 4.63 -7.09	64.46 4.69 -9.34	56.56 4.50 -3.71	47.31 3.86 -2.36	41.01 4.06 -0.36	36.66 3.60 -0.01
HOLTSVILLE_IC_8 23697	36.03 2.79 0.00	31.88 2.71 0.00	31.61 2.35 -1.64	31.67 2.40 0.00	33.08 2.37 0.00	36.57 2.83 0.00	44.12 3.38 0.00	47.23 3.98 0.00	46.53 4.41 -1.29	47.54 4.56 -1.93	47.44 3.84 -4.80	48.07 3.81 -2.00	47.47 3.76 -2.82	47.45 3.75 -4.20	46.77 3.83 -4.30	48.10 3.96 -2.84	49.10 3.98 -3.66	66.27 4.30 -18.53	59.91 4.63 -7.09	64.46 4.69 -9.34	56.56 4.50 -3.71	47.31 3.86 -2.36	41.01 4.06 -0.36	36.66 3.60 -0.01
HOLTSVILLE_IC_9 23698	36.03 2.79 0.00	31.88 2.71 0.00	31.61 2.35 -1.64	31.67 2.40 0.00	33.08 2.37 0.00	36.57 2.83 0.00	44.12 3.38 0.00	47.23 3.98 0.00	46.53 4.41 -1.29	47.54 4.56 -1.93	47.44 3.84 -4.80	48.07 3.81 -2.00	47.47 3.76 -2.82	47.45 3.75 -4.20	46.77 3.83 -4.30	48.10 3.96 -2.84	49.10 3.98 -3.66	66.27 4.30 -18.53	59.91 4.63 -7.09	64.46 4.69 -9.34	56.56 4.50 -3.71	47.31 3.86 -2.36	41.01 4.06 -0.36	36.66 3.60 -0.01
HOMER_HL_115KV_TB2 355744	32.67 -0.56 0.00	27.91 -1.25 0.00	25.71 -2.21 -0.30	27.40 -1.87 0.00	29.03 -1.69 0.00	31.99 -1.75 0.00	38.63 -2.12 0.00	40.35 -2.90 0.00	38.34 -2.49 0.00	38.35 -2.71 0.00	36.66 -2.13 0.00	39.65 -2.62 0.00	38.19 -2.70 0.00	36.88 -2.61 0.00	36.13 -2.51 0.00	38.44 -2.85 0.00	37.87 -3.73 -0.14	40.40 -3.04 0.00	44.82 -3.37 0.00	47.40 -3.03 0.00	45.02 -3.34 0.00	38.75 -2.34 0.00	34.51 -2.09 0.00	31.46 -1.59 0.00
HOWARD_WT_PWR 323690	33.37 0.13 0.00	28.67 -0.50 0.00	27.05 -0.91 -0.34	28.40 -0.88 0.00	30.04 -0.68 0.00	33.10 -0.64 0.00	40.01 -0.73 0.00	42.08 -1.17 0.00	39.61 -1.22 0.00	39.45 -1.60 0.00	37.40 -1.39 0.00	40.24 -2.03 0.00	38.76 -2.13 0.00	37.48 -2.01 0.00	36.79 -1.85 0.00	39.19 -2.10 0.00	39.21 -2.41 -0.16	41.36 -2.08 0.00	46.22 -1.98 0.00	48.56 -1.86 0.00	46.62 -1.74 0.00	39.53 -1.56 0.00	34.99 -1.61 0.00	31.79 -1.26 0.00
HQ_GEN_CEDARS 23644	32.27 -0.96 0.00	28.20 -0.96 0.00	26.90 -0.72 0.00	28.83 -0.44 0.00	30.19 -0.52 0.00	33.17 -0.57 0.00	40.17 -0.57 0.00	42.30 -0.95 0.00	39.93 -0.90 0.00	40.24 -0.82 0.00	37.90 -0.89 0.00	41.21 -1.06 0.00	39.87 -1.02 0.00	38.42 -1.07 0.00	37.56 -1.08 0.00	39.97 -1.32 0.00	40.21 -1.24 0.00	42.14 -1.30 0.00	46.70 -1.49 0.00	49.01 -1.41 0.00	46.91 -1.45 0.00	38.21 -1.23 1.64	26.36 -1.02 9.21	14.45 -0.93 17.67
HQ_GEN_CEDARS_PROXY 323590	32.27 -0.96 0.00	28.20 -0.96 0.00	26.90 -0.72 0.00	28.84 -0.44 0.00	30.19 -0.52 0.00	33.17 -0.57 0.00	40.17 -0.57 0.00	42.30 -0.95 0.00	39.93 -0.90 0.00	40.24 -0.82 0.00	37.90 -0.89 0.00	41.21 -1.06 0.00	39.87 -1.02 0.00	38.43 -1.06 0.00	37.56 -1.08 0.00	39.97 -1.32 0.00	40.22 -1.24 0.00	42.14 -1.30 0.00	46.70 -1.49 0.00	49.01 -1.41 0.00	46.86 -1.50 0.00	38.21 -1.23 1.64	26.36 -1.02 9.21	14.48 -0.93 17.64

HQ_GEN_IMPORT 323601	32.74 -0.50 0.00	28.61 -0.55 0.00	27.21 -0.41 0.00	28.92 -0.35 0.00	30.32 -0.40 0.00	33.30 -0.44 0.00	40.26 -0.49 0.00	42.69 -0.56 0.00	40.30 -0.53 0.00	40.57 -0.49 0.00	38.29 -0.51 0.00	41.67 -0.59 0.00	40.32 -0.57 0.00	38.90 -0.59 0.00	38.02 -0.62 0.00	40.59 -0.70 0.00	40.79 -0.66 0.00	42.74 -0.70 0.00	47.42 -0.77 0.00	49.67 -0.75 0.00	47.58 -0.78 0.00	39.90 -0.70 0.49	33.30 -0.55 2.75	29.95 -0.49 2.60
HQ_GEN_WHEEL 23651	32.74 -0.50 0.00	28.61 -0.55 0.00	27.21 -0.41 0.00	28.92 -0.35 0.00	30.32 -0.40 0.00	33.30 -0.44 0.00	40.26 -0.49 0.00	42.69 -0.56 0.00	40.30 -0.53 0.00	40.57 -0.49 0.00	38.29 -0.51 0.00	41.67 -0.59 0.00	40.32 -0.57 0.00	38.90 -0.59 0.00	38.02 -0.62 0.00	40.59 -0.70 0.00	40.79 -0.66 0.00	42.74 -0.70 0.00	47.42 -0.77 0.00	49.67 -0.75 0.00	47.58 -0.78 0.00	39.90 -0.70 0.49	33.30 -0.55 2.75	29.95 -0.49 2.60
HUDSON AVE_GT_3 23810	35.16 1.93 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.51 2.77 0.00	46.67 3.42 0.00	45.79 3.67 -1.29	46.72 3.78 -1.89	44.98 3.41 -2.77	45.73 3.47 0.00	44.37 3.48 0.00	42.81 3.32 0.00	41.97 3.32 0.00	45.03 3.55 -0.18	46.04 3.52 -1.06	47.53 3.74 -0.35	52.41 3.95 -0.26	54.78 4.03 -0.32	52.63 3.97 -0.31	44.62 3.25 -0.29	39.52 2.93 0.00	35.56 2.51 0.00
HUDSON AVE_GT_4 23540	35.16 1.93 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.51 2.77 0.00	46.67 3.42 0.00	45.79 3.67 -1.29	46.72 3.78 -1.89	44.98 3.41 -2.77	45.73 3.47 0.00	44.37 3.48 0.00	42.81 3.32 0.00	41.97 3.32 0.00	45.03 3.55 -0.18	46.04 3.52 -1.06	47.53 3.74 -0.35	52.41 3.95 -0.26	54.78 4.03 -0.32	52.63 3.97 -0.31	44.62 3.25 -0.29	39.52 2.93 0.00	35.56 2.51 0.00
HUDSON AVE_GT_5 23657	35.16 1.93 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.51 2.77 0.00	46.67 3.42 0.00	45.79 3.67 -1.29	46.72 3.78 -1.89	44.98 3.41 -2.77	45.73 3.47 0.00	44.37 3.48 0.00	42.81 3.32 0.00	41.97 3.32 0.00	45.03 3.55 -0.18	46.04 3.52 -1.06	47.53 3.74 -0.35	52.41 3.95 -0.26	54.78 4.03 -0.32	52.63 3.97 -0.31	44.62 3.25 -0.29	39.52 2.93 0.00	35.56 2.51 0.00
HUDSON_AVE_10 24168	35.06 1.83 0.00	31.03 1.87 0.00	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.56 1.82 0.00	43.43 2.69 0.00	46.58 3.33 0.00	45.71 3.59 -1.29	46.64 3.70 -1.89	44.96 3.30 -2.87	45.97 3.30 -0.40	44.29 3.39 0.00	42.69 3.20 0.00	42.32 3.17 -0.51	44.94 3.47 -0.18	45.96 3.44 -1.06	47.44 3.65 -0.35	52.31 3.86 -0.26	54.68 3.93 -0.32	52.53 3.87 -0.31	44.54 3.16 -0.29	39.45 2.85 0.00	35.50 2.45 0.00
HUDSON___115KV_TB 4 355613	34.40 1.16 0.00	30.42 1.25 0.00	30.57 0.99 -1.96	30.47 1.20 0.00	31.95 1.23 0.00	35.06 1.32 0.00	42.37 1.63 0.00	45.24 1.99 0.00	33.78 2.08 9.13	29.56 1.93 13.42	20.87 1.78 19.71	43.83 1.56 0.00	42.45 1.55 0.00	40.99 1.50 0.00	40.07 1.43 0.00	39.23 1.78 3.84	37.43 1.87 5.89	38.04 1.91 7.32	44.97 2.27 5.49	45.98 2.32 6.77	44.17 2.27 6.46	37.15 2.05 6.00	38.24 1.65 0.00	34.54 1.49 0.00
HUNTER MOUNT___DRP 323613	34.46 1.23 0.00	30.47 1.31 0.00	30.44 0.91 -1.91	30.56 1.29 0.00	32.04 1.32 0.00	35.16 1.42 0.00	42.50 1.75 0.00	45.37 2.12 0.00	36.19 2.25 6.88	32.95 2.01 10.11	25.80 1.86 14.85	43.83 1.56 0.00	42.45 1.55 0.00	40.99 1.50 0.00	40.03 1.39 0.00	40.16 1.82 2.95	39.01 1.91 4.35	39.77 1.95 5.63	46.34 2.36 4.22	47.64 2.42 5.21	45.76 2.37 4.97	38.61 2.14 4.61	38.28 1.68 0.00	34.57 1.52 0.00
HUNTINGTON_RES_REC 323705	35.92 2.69 0.00	31.79 2.63 0.00	31.53 2.27 -1.64	31.56 2.28 0.00	32.99 2.27 0.00	36.44 2.70 0.00	44.04 3.30 0.00	47.23 3.98 0.00	46.53 4.41 -1.29	47.50 4.52 -1.93	47.41 3.80 -4.82	48.04 3.76 -2.02	47.45 3.72 -2.84	47.39 3.67 -4.23	46.76 3.79 -4.33	48.12 3.96 -2.86	49.08 3.94 -3.68	66.31 4.26 -18.61	59.86 4.53 -7.13	64.40 4.59 -9.39	56.54 4.45 -3.74	47.29 3.82 -2.38	40.88 3.92 -0.36	36.53 3.47 -0.01
HUNTLEY___63 23557	33.03 -0.20 0.00	28.05 -1.11 0.00	26.33 -1.55 -0.26	27.69 -1.58 0.00	29.33 -1.38 0.00	32.09 -1.65 0.00	38.34 -2.40 0.00	39.66 -3.59 0.00	37.93 -2.90 0.00	37.94 -3.12 0.00	36.35 -2.44 0.00	39.22 -3.04 0.00	37.83 -3.07 0.00	36.53 -2.96 0.00	35.78 -2.86 0.00	38.11 -3.18 0.00	38.05 -3.52 -0.11	39.79 -3.65 0.00	44.10 -4.10 0.00	46.39 -4.03 0.00	44.29 -4.06 0.00	38.09 -3.00 0.00	34.22 -2.38 0.00	31.33 -1.72 0.00
HUNTLEY___64 23558	33.03 -0.20 0.00	28.05 -1.11 0.00	26.33 -1.55 -0.26	27.69 -1.58 0.00	29.33 -1.38 0.00	32.09 -1.65 0.00	38.34 -2.40 0.00	39.66 -3.59 0.00	37.93 -2.90 0.00	37.94 -3.12 0.00	36.35 -2.44 0.00	39.22 -3.04 0.00	37.83 -3.07 0.00	36.53 -2.96 0.00	35.78 -2.86 0.00	38.11 -3.18 0.00	38.05 -3.52 -0.11	39.79 -3.65 0.00	44.10 -4.10 0.00	46.39 -4.03 0.00	44.29 -4.06 0.00	38.09 -3.00 0.00	34.22 -2.38 0.00	31.33 -1.72 0.00
HUNTLEY___65 23559	33.03 -0.20 0.00	28.05 -1.11 0.00	26.33 -1.55 -0.26	27.69 -1.58 0.00	29.33 -1.38 0.00	32.09 -1.65 0.00	38.34 -2.40 0.00	39.66 -3.59 0.00	37.93 -2.90 0.00	37.94 -3.12 0.00	36.35 -2.44 0.00	39.22 -3.04 0.00	37.83 -3.07 0.00	36.53 -2.96 0.00	35.78 -2.86 0.00	38.11 -3.18 0.00	38.05 -3.52 -0.11	39.79 -3.65 0.00	44.10 -4.10 0.00	46.39 -4.03 0.00	44.29 -4.06 0.00	38.09 -3.00 0.00	34.22 -2.38 0.00	31.33 -1.72 0.00
HUNTLEY___66 23560	33.03 -0.20 0.00	28.05 -1.11 0.00	26.33 -1.55 -0.26	27.69 -1.58 0.00	29.33 -1.38 0.00	32.09 -1.65 0.00	38.34 -2.40 0.00	39.66 -3.59 0.00	37.93 -2.90 0.00	37.94 -3.12 0.00	36.35 -2.44 0.00	39.22 -3.04 0.00	37.83 -3.07 0.00	36.53 -2.96 0.00	35.78 -2.86 0.00	38.11 -3.18 0.00	38.05 -3.52 -0.11	39.79 -3.65 0.00	44.10 -4.10 0.00	46.39 -4.03 0.00	44.29 -4.06 0.00	38.09 -3.00 0.00	34.22 -2.38 0.00	31.33 -1.72 0.00
HUNTLEY___67 23561	32.67 -0.56 0.00	27.85 -1.31 0.00	26.14 -1.74 -0.26	27.49 -1.79 0.00	29.09 -1.63 0.00	31.92 -1.82 0.00	38.18 -2.57 0.00	39.53 -3.72 0.00	37.77 -3.06 0.00	37.77 -3.28 0.00	36.12 -2.68 0.00	39.01 -3.25 0.00	37.62 -3.27 0.00	36.37 -3.12 0.00	35.63 -3.01 0.00	37.95 -3.34 0.00	37.89 -3.69 -0.12	39.66 -3.78 0.00	43.96 -4.24 0.00	46.24 -4.19 0.00	44.10 -4.26 0.00	37.88 -3.20 0.00	34.03 -2.56 0.00	31.20 -1.85 0.00
HUNTLEY___68 23562	32.67 -0.56 0.00	27.85 -1.31 0.00	26.14 -1.74 -0.26	27.49 -1.79 0.00	29.09 -1.63 0.00	31.92 -1.82 0.00	38.18 -2.57 0.00	39.53 -3.72 0.00	37.77 -3.06 0.00	37.77 -3.28 0.00	36.12 -2.68 0.00	39.01 -3.25 0.00	37.62 -3.27 0.00	36.37 -3.12 0.00	35.63 -3.01 0.00	37.95 -3.34 0.00	37.89 -3.69 -0.12	39.66 -3.78 0.00	43.96 -4.24 0.00	46.24 -4.19 0.00	44.10 -4.26 0.00	37.88 -3.20 0.00	34.03 -2.56 0.00	31.20 -1.85 0.00

HYLAND___LFGE 323620	34.63 1.40 0.00	29.60 0.44 0.00	27.93 0.03 -0.28	29.36 0.09 0.00	31.02 0.31 0.00	34.21 0.47 0.00	41.11 0.37 0.00	42.95 -0.30 0.00	40.17 -0.65 0.00	39.66 -1.40 0.00	37.24 -1.55 0.00	39.98 -2.28 0.00	38.56 -2.33 0.00	37.28 -2.21 0.00	36.63 -2.01 0.00	39.14 -2.15 0.00	39.52 -2.07 -0.13	41.83 -1.61 0.00	47.52 -0.67 0.00	50.53 0.10 0.00	48.70 0.34 0.00	41.21 0.12 0.00	36.52 -0.07 0.00	33.12 0.07 0.00
INDECK___CORINTH 23802	34.96 1.73 0.00	30.88 1.72 0.00	31.31 1.63 -2.06	30.97 1.70 0.00	32.50 1.78 0.00	35.73 1.99 0.00	43.27 2.53 0.00	44.89 1.64 0.00	48.70 1.51 -6.36	51.80 1.40 -9.35	53.99 1.47 -13.73	43.87 1.61 0.00	42.45 1.55 0.00	41.07 1.58 0.00	40.07 1.43 0.00	44.44 1.61 -1.54	46.54 1.45 -3.63	47.72 1.35 -2.93	52.03 1.64 -2.20	54.85 1.72 -2.71	52.59 1.65 -2.58	45.09 1.60 -2.40	38.87 2.27 0.00	35.07 2.02 0.00
INDECK___ILION 23567	32.90 -0.33 0.00	28.93 -0.23 0.00	27.37 -0.25 0.00	28.98 -0.29 0.00	30.44 -0.28 0.00	33.44 -0.30 0.00	40.34 -0.41 0.00	42.86 -0.39 0.00	40.46 -0.37 0.00	40.65 -0.41 0.00	38.40 -0.39 0.00	41.84 -0.42 0.00	40.44 -0.45 0.00	39.10 -0.39 0.00	38.22 -0.43 0.00	40.88 -0.41 0.00	41.04 -0.41 0.00	43.01 -0.43 0.00	47.72 -0.48 0.00	49.92 -0.50 0.00	47.87 -0.48 0.00	40.76 -0.41 -0.09	36.64 -0.44 -0.48	33.56 -0.40 -0.91
INDECK___OLEAN 23982	32.67 -0.57 0.00	27.91 -1.25 0.00	25.71 -2.21 -0.30	27.40 -1.87 0.00	29.03 -1.69 0.00	31.98 -1.76 0.00	38.62 -2.12 0.00	40.35 -2.90 0.00	38.38 -2.45 0.00	38.22 -2.83 0.00	36.50 -2.29 0.00	39.56 -2.71 0.00	38.19 -2.70 0.00	36.92 -2.57 0.00	36.13 -2.51 0.00	38.48 -2.81 0.00	37.87 -3.73 -0.14	40.40 -3.04 0.00	44.82 -3.38 0.00	47.40 -3.02 0.00	45.31 -3.04 0.00	38.83 -2.26 0.00	34.40 -2.19 0.00	31.46 -1.59 0.00
INDECK___OSWEGO 23783	32.74 -0.50 0.00	28.64 -0.52 0.00	27.17 -0.58 -0.13	28.63 -0.64 0.00	30.10 -0.61 0.00	33.10 -0.64 0.00	39.85 -0.90 0.00	42.08 -1.17 0.00	39.77 -1.06 0.00	39.99 -1.07 0.00	37.78 -1.01 0.00	41.13 -1.14 0.00	39.79 -1.10 0.00	38.43 -1.06 0.00	37.60 -1.04 0.00	40.22 -1.07 0.00	40.39 -1.12 -0.05	42.27 -1.17 0.00	46.99 -1.20 0.00	49.17 -1.26 0.00	47.19 -1.16 0.00	40.02 -1.03 0.04	35.37 -0.99 0.24	31.73 -0.86 0.47
INDECK___YERKES 23781	33.10 -0.13 0.00	28.08 -1.08 0.00	26.36 -1.52 -0.26	27.72 -1.55 0.00	29.33 -1.38 0.00	32.12 -1.62 0.00	38.38 -2.36 0.00	39.70 -3.55 0.00	37.93 -2.90 0.00	37.85 -3.20 0.00	36.12 -2.68 0.00	39.14 -3.13 0.00	37.82 -3.07 0.00	36.61 -2.88 0.00	35.82 -2.82 0.00	38.20 -3.10 0.00	38.01 -3.57 -0.11	39.79 -3.65 0.00	44.15 -4.05 0.00	46.44 -3.98 0.00	44.73 -3.63 0.00	38.21 -2.88 0.00	34.22 -2.38 0.00	31.37 -1.68 0.00
INDIAN POINT_GT_1 24139	34.80 1.56 0.00	30.80 1.63 0.00	30.65 1.41 -1.62	30.71 1.43 0.00	32.13 1.41 0.00	35.33 1.59 0.00	43.03 2.28 0.00	46.06 2.81 0.00	45.16 3.06 -1.27	46.04 3.12 -1.86	44.40 2.87 -2.73	45.18 2.92 0.00	43.80 2.90 0.00	42.29 2.80 0.00	41.46 2.82 0.00	44.45 2.97 -0.18	45.49 2.99 -1.04	46.95 3.17 -0.34	51.83 3.37 -0.26	54.27 3.53 -0.32	52.09 3.43 -0.30	44.20 2.84 -0.28	39.09 2.49 0.00	35.17 2.12 0.00
INDIAN POINT_GT_2 23659	34.80 1.56 0.00	30.80 1.63 0.00	30.65 1.41 -1.62	30.71 1.43 0.00	32.13 1.41 0.00	35.33 1.59 0.00	43.03 2.28 0.00	46.06 2.81 0.00	45.16 3.06 -1.27	46.04 3.12 -1.86	44.40 2.87 -2.73	45.18 2.92 0.00	43.80 2.90 0.00	42.29 2.80 0.00	41.46 2.82 0.00	44.45 2.97 -0.18	45.49 2.99 -1.04	46.95 3.17 -0.34	51.83 3.37 -0.26	54.27 3.53 -0.32	52.09 3.43 -0.30	44.20 2.84 -0.28	39.09 2.49 0.00	35.17 2.12 0.00
INDIAN POINT_GT_3 24019	34.80 1.56 0.00	30.80 1.63 0.00	30.65 1.41 -1.62	30.71 1.43 0.00	32.13 1.41 0.00	35.33 1.59 0.00	43.03 2.28 0.00	46.06 2.81 0.00	45.16 3.06 -1.27	46.04 3.12 -1.86	44.40 2.87 -2.73	45.18 2.92 0.00	43.80 2.90 0.00	42.29 2.80 0.00	41.46 2.82 0.00	44.45 2.97 -0.18	45.49 2.99 -1.04	46.95 3.17 -0.34	51.83 3.37 -0.26	54.27 3.53 -0.32	52.09 3.43 -0.30	44.20 2.84 -0.28	39.09 2.49 0.00	35.17 2.12 0.00
INDIAN POINT___2 23530	34.80 1.56 0.00	30.77 1.60 0.00	30.60 1.38 -1.60	30.68 1.41 0.00	32.13 1.41 0.00	35.33 1.59 0.00	42.94 2.20 0.00	46.06 2.81 0.00	45.11 3.06 -1.22	46.01 3.16 -1.79	44.37 2.95 -2.63	45.22 2.96 0.00	43.80 2.90 0.00	42.29 2.80 0.00	41.46 2.82 0.00	44.44 2.97 -0.17	45.46 2.99 -1.02	46.94 3.17 -0.33	51.81 3.37 -0.24	54.20 3.48 -0.30	51.98 3.33 -0.29	44.23 2.88 -0.27	39.09 2.49 0.00	35.17 2.12 0.00
INDIAN POINT___3 23531	34.80 1.56 0.00	30.80 1.63 0.00	30.65 1.41 -1.62	30.68 1.41 0.00	32.13 1.41 0.00	35.33 1.59 0.00	42.99 2.24 0.00	46.02 2.77 0.00	45.12 3.02 -1.27	46.00 3.08 -1.87	44.40 2.87 -2.74	45.18 2.92 0.00	43.75 2.86 0.00	42.26 2.76 0.00	41.42 2.78 0.00	44.40 2.93 -0.18	45.45 2.94 -1.05	46.91 3.13 -0.34	51.78 3.33 -0.26	54.22 3.48 -0.32	52.04 3.38 -0.30	44.21 2.84 -0.28	39.09 2.49 0.00	35.17 2.12 0.00
INGHAM_C_115KV_TB7 356103	32.20 -1.03 0.00	28.32 -0.85 0.00	26.79 -0.83 0.00	28.37 -0.91 0.00	29.80 -0.92 0.00	32.73 -1.01 0.00	39.52 -1.22 0.00	41.95 -1.30 0.00	39.60 -1.22 0.00	39.78 -1.27 0.00	37.55 -1.24 0.00	40.91 -1.35 0.00	39.54 -1.35 0.00	38.23 -1.26 0.00	37.37 -1.28 0.00	39.97 -1.32 0.00	40.13 -1.33 0.00	42.01 -1.43 0.00	46.61 -1.59 0.00	48.76 -1.66 0.00	46.76 -1.60 0.00	39.82 -1.36 -0.09	35.80 -1.28 -0.48	32.77 -1.19 -0.91
IP CORINTH___1 23988	34.96 1.73 0.00	30.88 1.72 0.00	31.31 1.63 -2.06	30.97 1.70 0.00	32.50 1.78 0.00	35.73 1.99 0.00	43.27 2.53 0.00	46.15 2.90 0.00	50.05 2.86 -6.36	53.11 2.71 -9.35	55.23 2.72 -13.73	45.10 2.83 0.00	43.63 2.74 0.00	42.22 2.72 0.00	41.19 2.55 0.00	45.68 2.85 -1.54	47.87 2.78 -3.63	49.11 2.74 -2.93	53.62 3.23 -2.20	56.51 3.38 -2.71	54.13 3.19 -2.58	46.33 2.84 -2.40	38.87 2.27 0.00	35.07 2.02 0.00
IP___TICONDEROGA 23804	35.89 2.66 0.00	31.70 2.54 0.00	32.11 2.43 -2.06	31.82 2.55 0.00	33.45 2.73 0.00	36.78 3.04 0.00	44.66 3.91 0.00	47.53 4.28 0.00	51.44 4.12 -6.48	54.44 3.86 -9.53	56.70 3.92 -13.99	46.07 3.80 0.00	44.53 3.64 0.00	43.08 3.59 0.00	42.00 3.36 0.00	46.69 3.80 -1.60	48.93 3.73 -3.74	50.14 3.65 -3.05	54.92 4.43 -2.29	57.98 4.74 -2.82	55.59 4.55 -2.69	47.53 3.94 -2.50	39.67 3.07 0.00	35.76 2.71 0.00
ISLIP_RES_REC 323679	36.12 2.89 0.00	31.99 2.83 0.00	31.69 2.43 -1.64	31.76 2.49 0.00	33.17 2.46 0.00	36.67 2.93 0.00	44.29 3.54 0.00	47.44 4.19 0.00	46.78 4.65 -1.29	47.74 4.76 -1.93	47.78 4.07 -4.91	48.46 4.06 -2.13	47.79 3.97 -2.93	47.74 3.95 -4.30	47.11 4.02 -4.45	48.48 4.21 -2.97	49.42 4.19 -3.77	66.68 4.56 -18.68	60.38 4.92 -7.26	64.81 4.94 -9.44	57.02 4.79 -3.88	47.65 4.11 -2.45	41.21 4.24 -0.37	36.80 3.73 -0.01

JAMAICA__27_KV_LOAD 355505	35.06 1.83 0.00	31.03 1.87 0.00	30.83 1.57 -1.64	30.85 1.58 0.00	32.31 1.60 0.00	35.56 1.82 0.00	43.43 2.69 0.00	46.62 3.37 0.00	45.79 3.67 -1.29	46.72 3.78 -1.89	44.99 3.30 -2.90	45.64 3.04 -0.33	44.25 3.35 0.00	42.69 3.20 0.00	42.00 2.94 -0.42	44.94 3.47 -0.18	45.96 3.44 -1.06	47.53 3.74 -0.35	52.36 3.90 -0.26	54.78 4.03 -0.32	52.63 3.97 -0.31	44.54 3.16 -0.29	39.56 2.96 0.00	35.53 2.48 0.00
JANIS__SOLAR 323808	34.50 1.26 0.00	30.12 0.96 0.00	28.81 0.75 -0.44	30.06 0.79 0.00	31.76 1.04 0.00	35.05 1.31 0.00	42.62 1.88 0.00	45.15 1.90 0.00	42.26 1.43 0.00	42.17 1.11 0.00	39.72 0.93 0.00	42.98 0.72 0.00	41.34 0.45 0.00	39.89 0.39 0.00	39.07 0.43 0.00	41.91 0.62 0.00	42.37 0.70 -0.20	44.57 1.13 0.00	49.88 1.69 0.00	52.34 1.92 0.00	50.29 1.94 0.00	42.61 1.52 0.00	37.69 1.10 0.00	33.97 0.92 0.00
JARVIS____ 23743	33.33 0.10 0.00	29.31 0.15 0.00	27.73 0.11 0.00	29.36 0.09 0.00	30.84 0.12 0.00	33.88 0.14 0.00	40.87 0.12 0.00	43.38 0.13 0.00	40.95 0.12 0.00	41.18 0.12 0.00	38.91 0.12 0.00	42.39 0.13 0.00	41.02 0.12 0.00	39.61 0.12 0.00	38.76 0.12 0.00	41.46 0.17 0.00	41.62 0.17 0.00	43.62 0.17 0.00	48.39 0.19 0.00	50.63 0.20 0.00	48.55 0.19 0.00	41.34 0.17 -0.09	37.23 0.15 -0.48	34.06 0.10 -0.91
JENNISON____1 23625	34.53 1.30 0.00	30.30 1.14 0.00	29.10 0.91 -0.57	30.21 0.94 0.00	31.91 1.20 0.00	35.19 1.45 0.00	42.62 1.87 0.00	45.20 1.95 0.00	42.99 1.76 -0.40	43.21 1.56 -0.59	41.18 1.51 -0.87	43.70 1.44 0.00	42.08 1.19 0.00	40.60 1.11 0.00	39.76 1.12 0.00	42.57 1.28 0.00	42.84 1.12 -0.26	44.87 1.43 0.00	49.98 1.78 0.00	52.39 1.97 0.00	50.24 1.89 0.00	42.69 1.60 0.00	37.84 1.24 0.00	34.11 1.06 0.00
JENNISON____2 23626	34.53 1.30 0.00	30.30 1.14 0.00	29.10 0.91 -0.57	30.21 0.94 0.00	31.91 1.20 0.00	35.19 1.45 0.00	42.62 1.87 0.00	45.20 1.95 0.00	42.99 1.76 -0.40	43.21 1.56 -0.59	41.18 1.51 -0.87	43.70 1.44 0.00	42.08 1.19 0.00	40.60 1.11 0.00	39.76 1.12 0.00	42.57 1.28 0.00	42.84 1.12 -0.26	44.87 1.43 0.00	49.98 1.78 0.00	52.39 1.97 0.00	50.24 1.89 0.00	42.69 1.60 0.00	37.84 1.24 0.00	34.11 1.06 0.00
JERICOHO_RISE_WT_PWR 323719	32.14 -1.10 0.00	28.08 -1.08 0.00	26.82 -0.80 0.00	28.57 -0.70 0.00	29.92 -0.80 0.00	32.86 -0.88 0.00	39.85 -0.90 0.00	42.21 -1.04 0.00	39.89 -0.94 0.00	40.24 -0.82 0.00	37.90 -0.89 0.00	41.13 -1.14 0.00	39.71 -1.19 0.00	38.23 -1.27 0.00	37.29 -1.35 0.00	39.64 -1.65 0.00	39.88 -1.58 0.00	41.83 -1.61 0.00	46.41 -1.78 0.00	48.66 -1.77 0.00	46.47 -1.89 0.00	37.61 -1.77 1.71	25.45 -1.54 9.61	13.22 -1.42 18.41
KATONAH__115KV_46KV_TB4 355592	35.00 1.76 0.00	30.97 1.81 0.00	30.83 1.55 -1.66	30.88 1.61 0.00	32.31 1.60 0.00	35.53 1.79 0.00	43.27 2.53 0.00	46.32 3.07 0.00	45.49 3.35 -1.31	46.43 3.45 -1.92	44.80 3.18 -2.83	45.48 3.21 0.00	44.04 3.15 0.00	42.53 3.04 0.00	41.62 2.98 0.00	44.74 3.26 -0.19	45.76 3.23 -1.07	47.18 3.39 -0.35	52.12 3.66 -0.26	54.53 3.78 -0.33	52.34 3.68 -0.31	44.46 3.08 -0.29	39.30 2.71 0.00	35.36 2.31 0.00
KCE_NY_1 323755	34.93 1.69 0.00	30.85 1.69 0.00	31.25 1.57 -2.05	30.91 1.64 0.00	32.40 1.69 0.00	35.59 1.85 0.00	43.07 2.32 0.00	45.63 2.38 0.00	49.86 2.37 -6.66	53.14 2.30 -9.78	55.41 2.25 -14.37	44.59 2.32 0.00	43.18 2.29 0.00	41.74 2.25 0.00	40.77 2.12 0.00	45.37 2.39 -1.69	47.67 2.32 -3.89	48.96 2.30 -3.21	53.26 2.65 -2.41	56.12 2.72 -2.97	53.80 2.61 -2.84	46.06 2.34 -2.64	38.83 2.23 0.00	35.03 1.98 0.00
KCE_NY_6_ESR 323823	33.00 -0.23 0.00	28.05 -1.11 0.00	26.23 -1.66 -0.27	27.66 -1.61 0.00	29.30 -1.41 0.00	32.16 -1.59 0.00	38.58 -2.16 0.00	40.01 -3.24 0.00	38.18 -2.65 0.00	38.06 -3.00 0.00	36.35 -2.44 0.00	39.35 -2.92 0.00	38.03 -2.86 0.00	36.80 -2.69 0.00	36.01 -2.63 0.00	38.40 -2.89 0.00	38.14 -3.44 -0.12	40.10 -3.34 0.00	44.49 -3.71 0.00	46.85 -3.58 0.00	45.02 -3.34 0.00	38.46 -2.63 0.00	34.33 -2.27 0.00	31.46 -1.59 0.00
KEDC PORT_JEFF_GT2 24210	36.03 2.79 0.00	31.88 2.71 0.00	31.61 2.35 -1.64	31.67 2.40 0.00	33.08 2.37 0.00	36.57 2.83 0.00	44.12 3.38 0.00	47.27 4.02 0.00	46.58 4.45 -1.29	47.54 4.56 -1.93	47.38 3.84 -4.75	48.04 3.85 -1.93	47.41 3.76 -2.76	47.39 3.75 -4.15	46.69 3.83 -4.22	48.07 4.00 -2.77	49.04 3.98 -3.60	66.24 4.34 -18.46	59.83 4.63 -7.00	64.26 4.54 -9.30	56.38 4.40 -3.62	47.31 3.91 -2.31	41.04 4.10 -0.35	36.66 3.60 -0.01
KEDC PORT_JEFF_GT3 24211	36.03 2.79 0.00	31.88 2.71 0.00	31.61 2.35 -1.64	31.67 2.40 0.00	33.08 2.37 0.00	36.57 2.83 0.00	44.12 3.38 0.00	47.27 4.02 0.00	46.58 4.45 -1.29	47.54 4.56 -1.93	47.38 3.84 -4.75	48.04 3.85 -1.93	47.41 3.76 -2.76	47.39 3.75 -4.15	46.69 3.83 -4.22	48.07 4.00 -2.77	49.04 3.98 -3.60	66.24 4.34 -18.46	59.83 4.63 -7.00	64.26 4.54 -9.30	56.38 4.40 -3.62	47.31 3.91 -2.31	41.04 4.10 -0.35	36.66 3.60 -0.01
KEDC_GLWD_GT4 24219	35.49 2.26 0.00	31.41 2.25 0.00	31.19 1.93 -1.64	31.23 1.96 0.00	32.68 1.97 0.00	36.00 2.26 0.00	43.72 2.97 0.00	46.92 3.67 0.00	46.17 4.04 -1.30	47.26 4.14 -2.05	56.43 3.61 -14.03	59.27 3.64 -13.37	56.95 3.60 -12.45	56.32 3.35 -13.47	60.34 3.36 -18.34	58.84 3.55 -13.99	58.39 3.52 -13.41	83.68 3.78 -36.46	74.83 4.00 -22.63	74.72 4.08 -20.21	70.33 3.97 -18.01	54.64 3.45 -10.10	41.72 3.30 -1.83	36.02 2.94 -0.03
KEDC_GLWD_GT5 24220	35.49 2.26 0.00	31.41 2.25 0.00	31.19 1.93 -1.64	31.23 1.96 0.00	32.68 1.97 0.00	36.00 2.26 0.00	43.72 2.97 0.00	46.92 3.67 0.00	46.17 4.04 -1.30	47.26 4.14 -2.05	56.43 3.61 -14.03	59.27 3.64 -13.37	56.95 3.60 -12.45	56.32 3.35 -13.47	60.34 3.36 -18.34	58.84 3.55 -13.99	58.39 3.52 -13.41	83.68 3.78 -36.46	74.83 4.00 -22.63	74.72 4.08 -20.21	70.33 3.97 -18.01	54.64 3.45 -10.10	41.72 3.30 -1.83	36.02 2.94 -0.03
KENSICO____ 23655	34.90 1.66 0.00	30.88 1.72 0.00	30.72 1.46 -1.63	30.77 1.49 0.00	32.22 1.51 0.00	35.43 1.69 0.00	43.11 2.36 0.00	46.19 2.94 0.00	45.30 3.18 -1.29	46.23 3.28 -1.89	44.59 3.03 -2.78	45.35 3.09 0.00	43.96 3.07 0.00	42.41 2.92 0.00	41.58 2.94 0.00	44.57 3.10 -0.18	45.62 3.11 -1.06	47.09 3.30 -0.35	51.98 3.52 -0.26	54.38 3.63 -0.32	52.24 3.58 -0.31	44.33 2.96 -0.29	39.19 2.60 0.00	35.26 2.21 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.93 1.69 0.00	30.88 1.72 0.00	30.68 1.49 -1.57	30.80 1.52 0.00	32.28 1.57 0.00	35.49 1.75 0.00	43.19 2.44 0.00	46.19 2.94 0.00	43.89 3.06 0.00	44.05 3.00 0.00	41.55 2.75 0.00	45.06 2.79 0.00	43.59 2.70 0.00	42.06 2.57 0.00	41.19 2.55 0.00	43.81 2.73 0.21	44.57 2.78 -0.34	46.00 2.95 0.40	51.18 3.28 0.30	53.54 3.48 0.37	51.39 3.38 0.35	43.56 2.79 0.33	39.09 2.49 0.00	35.20 2.15 0.00

KIAC_JFK_GT1 23816	34.90 1.66 0.00	30.88 1.72 0.00	30.69 1.44 -1.64	30.71 1.43 0.00	32.16 1.44 0.00	35.39 1.65 0.00	43.03 2.28 0.00	46.23 2.98 0.00	45.38 3.27 -1.29	46.35 3.41 -1.89	44.64 2.95 -2.90	45.26 2.66 -0.33	43.88 2.99 0.00	42.29 2.80 0.00	41.66 2.59 -0.42	44.53 3.06 -0.18	45.58 3.07 -1.06	47.09 3.30 -0.35	51.93 3.47 -0.26	54.33 3.58 -0.32	52.19 3.53 -0.31	44.13 2.75 -0.29	39.34 2.74 0.00	35.36 2.31 0.00
KIAC_JFK_GT2 23817	34.90 1.66 0.00	30.88 1.72 0.00	30.69 1.44 -1.64	30.71 1.43 0.00	32.16 1.44 0.00	35.39 1.65 0.00	43.03 2.28 0.00	46.23 2.98 0.00	45.38 3.27 -1.29	46.35 3.41 -1.89	44.64 2.95 -2.90	45.26 2.66 -0.33	43.88 2.99 0.00	42.29 2.80 0.00	41.66 2.59 -0.42	44.53 3.06 -0.18	45.58 3.07 -1.06	47.09 3.30 -0.35	51.93 3.47 -0.26	54.33 3.58 -0.32	52.19 3.53 -0.31	44.13 2.75 -0.29	39.34 2.74 0.00	35.36 2.31 0.00
KIAC_JFK____ 323774	34.89 1.66 0.00	30.88 1.72 0.00	30.69 1.44 -1.64	30.71 1.43 0.00	32.16 1.44 0.00	35.39 1.65 0.00	42.98 2.24 0.00	46.28 3.03 0.00	45.42 3.31 -1.29	46.40 3.45 -1.89	44.72 3.03 -2.90	45.60 3.00 -0.33	43.80 2.90 0.00	42.37 2.88 0.00	41.70 2.63 -0.42	44.41 2.93 -0.18	45.58 3.07 -1.06	47.18 3.39 -0.35	51.93 3.47 -0.26	54.33 3.58 -0.32	52.15 3.48 -0.31	44.21 2.83 -0.29	39.34 2.75 0.00	35.36 2.31 0.00
KINTIGH__24_KV_GSU 356498	32.67 -0.56 0.00	28.03 -1.14 0.00	26.52 -1.33 -0.22	27.75 -1.52 0.00	29.33 -1.38 0.00	32.15 -1.59 0.00	38.50 -2.24 0.00	40.01 -3.24 0.00	38.13 -2.69 0.00	38.18 -2.87 0.00	36.46 -2.33 0.00	39.43 -2.83 0.00	38.07 -2.82 0.00	36.73 -2.76 0.00	36.01 -2.63 0.00	38.36 -2.93 0.00	38.57 -2.99 -0.10	40.10 -3.34 0.00	44.49 -3.71 0.00	46.74 -3.68 0.00	44.63 -3.72 0.00	38.29 -2.79 0.00	34.36 -2.23 0.00	31.43 -1.62 0.00
KINTIGH____ 23543	32.67 -0.56 0.00	28.03 -1.14 0.00	26.49 -1.35 -0.22	27.75 -1.52 0.00	29.33 -1.38 0.00	32.15 -1.59 0.00	38.50 -2.24 0.00	39.96 -3.29 0.00	38.13 -2.69 0.00	38.18 -2.87 0.00	36.46 -2.33 0.00	39.43 -2.83 0.00	38.03 -2.86 0.00	36.73 -2.76 0.00	36.01 -2.63 0.00	38.36 -2.93 0.00	38.57 -2.99 -0.10	40.10 -3.34 0.00	44.49 -3.71 0.00	46.74 -3.68 0.00	44.63 -3.72 0.00	38.29 -2.79 0.00	34.36 -2.23 0.00	31.43 -1.62 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.64 -0.60 0.00	28.52 -0.64 0.00	27.20 -0.41 0.00	28.98 -0.29 0.00	30.32 -0.40 0.00	33.64 -0.10 0.00	40.87 0.12 0.00	43.29 0.04 0.00	40.91 0.08 0.00	41.26 0.21 0.00	38.87 0.08 0.00	42.14 -0.13 0.00	40.69 -0.20 0.00	39.10 -0.39 0.00	38.14 -0.50 0.00	40.51 -0.78 0.00	40.75 -0.70 0.00	42.83 -0.61 0.00	47.62 -0.58 0.00	49.97 -0.45 0.00	47.63 -0.73 0.00	38.53 -0.82 1.74	26.07 -0.77 9.76	13.67 -0.69 18.69
LACHUTE____HYDRO 323717	35.89 2.66 0.00	31.70 2.54 0.00	32.11 2.43 -2.06	31.82 2.55 0.00	33.45 2.73 0.00	36.78 3.04 0.00	44.66 3.91 0.00	46.58 3.33 0.00	50.46 3.14 -6.48	53.50 2.92 -9.53	55.81 3.03 -13.99	45.14 2.88 0.00	43.67 2.78 0.00	42.25 2.76 0.00	41.19 2.55 0.00	45.82 2.93 -1.60	47.98 2.78 -3.74	49.09 2.61 -3.05	53.81 3.32 -2.29	56.77 3.53 -2.82	54.43 3.38 -2.69	46.67 3.08 -2.50	39.67 3.07 0.00	35.76 2.71 0.00
LAWRNCV_115KV_TB1 80681	31.61 -1.63 0.00	27.62 -1.55 0.00	26.35 -1.27 0.00	28.25 -1.02 0.00	29.61 -1.11 0.00	32.53 -1.21 0.00	39.44 -1.30 0.00	41.56 -1.69 0.00	39.20 -1.63 0.00	39.41 -1.64 0.00	37.09 -1.71 0.00	40.32 -1.94 0.00	38.97 -1.92 0.00	37.60 -1.90 0.00	36.71 -1.93 0.00	39.10 -2.19 0.00	39.34 -2.11 0.00	41.27 -2.17 0.00	45.79 -2.41 0.00	48.11 -2.32 0.00	46.03 -2.32 0.00	37.67 -1.97 1.45	26.72 -1.76 8.12	15.87 -1.59 15.59
LEDERLE____ 23769	34.90 1.66 0.00	30.88 1.72 0.00	30.69 1.49 -1.58	30.77 1.49 0.00	32.22 1.51 0.00	35.46 1.72 0.00	43.19 2.44 0.00	46.23 2.98 0.00	45.25 3.23 -1.19	46.09 3.28 -1.75	44.43 3.06 -2.57	45.39 3.13 0.00	44.00 3.11 0.00	42.45 2.96 0.00	41.62 2.98 0.00	44.60 3.14 -0.17	45.61 3.15 -1.00	47.10 3.34 -0.31	52.00 3.57 -0.24	54.45 3.73 -0.29	52.26 3.63 -0.28	44.39 3.04 -0.26	39.23 2.63 0.00	35.30 2.25 0.00
LIGHTHSE_115KV_TB6 355974	32.83 -0.40 0.00	28.73 -0.44 0.00	27.27 -0.47 -0.12	28.75 -0.53 0.00	30.29 -0.43 0.00	33.37 -0.37 0.00	40.26 -0.49 0.00	42.56 -0.69 0.00	40.09 -0.73 0.00	40.24 -0.82 0.00	37.98 -0.81 0.00	41.25 -1.01 0.00	39.87 -1.02 0.00	38.54 -0.95 0.00	37.72 -0.93 0.00	40.34 -0.95 0.00	40.47 -1.04 -0.05	42.44 -1.00 0.00	47.33 -0.87 0.00	49.62 -0.81 0.00	47.73 -0.63 0.00	40.36 -0.62 0.12	35.29 -0.66 0.65	31.14 -0.66 1.25
LINDEN COGEN____ 23786	34.99 1.76 0.00	30.94 1.78 0.00	30.77 1.52 -1.64	30.79 1.52 0.00	32.25 1.54 0.00	34.96 1.72 0.50	40.44 2.53 2.83	41.78 3.20 4.67	40.46 3.51 3.88	41.57 3.61 3.10	42.65 3.26 -0.60	40.94 3.30 4.63	41.42 3.31 2.78	41.32 3.16 1.33	40.80 3.21 1.05	42.02 3.30 2.58	41.81 3.32 2.96	41.64 3.56 5.36	45.56 3.66 6.30	49.50 3.78 4.71	51.05 3.63 0.94	42.73 3.16 1.52	38.38 2.78 1.00	35.43 2.38 0.00
LINDHRST_69_KV_BK1 356055	35.96 2.73 0.00	31.82 2.65 0.00	31.55 2.29 -1.64	31.56 2.28 0.00	33.05 2.33 0.00	36.51 2.77 0.00	44.62 3.87 0.00	47.31 4.07 0.00	46.62 4.49 -1.30	47.54 4.52 -1.96	50.12 3.72 -7.60	51.55 3.89 -5.40	50.43 3.84 -5.69	49.94 3.67 -6.78	50.65 3.75 -8.26	51.50 3.96 -6.24	52.00 3.94 -6.60	69.90 4.21 -22.24	64.21 4.58 -11.44	66.96 4.69 -11.85	61.07 4.64 -8.07	49.60 3.82 -4.69	41.30 3.92 -0.79	36.60 3.54 -0.01
LIPA_MISC_IPP 23656	35.96 2.73 0.00	31.85 2.68 0.00	31.58 2.32 -1.64	31.59 2.31 0.00	33.02 2.30 0.00	36.51 2.77 0.00	44.70 3.95 0.00	47.31 4.07 0.00	46.62 4.49 -1.29	47.37 4.39 -1.92	47.11 3.65 -4.67	47.86 3.76 -1.84	47.33 3.76 -2.68	47.16 3.59 -4.08	46.42 3.67 -4.11	47.81 3.84 -2.68	48.75 3.77 -3.52	65.91 4.13 -18.34	59.51 4.43 -6.88	64.13 4.49 -9.22	56.35 4.50 -3.50	47.03 3.70 -2.25	40.88 3.95 -0.33	36.56 3.50 -0.01
LISF____SOLAR 323691	36.03 2.79 0.00	31.90 2.74 0.00	31.64 2.38 -1.64	31.67 2.40 0.00	33.08 2.37 0.00	36.57 2.83 0.00	44.12 3.38 0.00	47.27 4.02 0.00	46.58 4.45 -1.29	47.50 4.52 -1.93	47.29 3.80 -4.70	47.90 3.76 -1.87	47.32 3.72 -2.71	47.27 3.67 -4.10	46.54 3.75 -4.15	47.93 3.92 -2.71	48.90 3.90 -3.55	66.09 4.26 -18.38	59.65 4.53 -6.93	64.31 4.64 -9.25	56.40 4.50 -3.55	47.18 3.82 -2.27	40.96 4.03 -0.34	36.63 3.57 -0.01
LITTLE FALLS____HYD 24013	32.20 -1.03 0.00	28.32 -0.85 0.00	26.79 -0.83 0.00	28.37 -0.91 0.00	29.80 -0.92 0.00	32.73 -1.01 0.00	39.52 -1.22 0.00	41.95 -1.30 0.00	39.60 -1.22 0.00	39.78 -1.27 0.00	37.55 -1.24 0.00	40.91 -1.35 0.00	39.54 -1.35 0.00	38.23 -1.26 0.00	37.37 -1.28 0.00	39.97 -1.32 0.00	40.13 -1.33 0.00	42.01 -1.43 0.00	46.61 -1.59 0.00	48.76 -1.66 0.00	46.76 -1.60 0.00	39.82 -1.36 -0.09	35.80 -1.28 -0.48	32.77 -1.19 -0.91

LITTLRIV_115KV_TB1 356100	31.90 -1.33 0.00	27.88 -1.28 0.00	26.60 -1.02 0.00	28.51 -0.76 0.00	29.92 -0.80 0.00	32.93 -0.81 0.00	39.89 -0.86 0.00	42.00 -1.25 0.00	39.52 -1.31 0.00	39.70 -1.35 0.00	37.28 -1.51 0.00	40.49 -1.78 0.00	39.17 -1.72 0.00	37.75 -1.74 0.00	36.90 -1.74 0.00	39.35 -1.94 0.00	39.59 -1.87 0.00	41.57 -1.87 0.00	46.27 -1.93 0.00	48.71 -1.71 0.00	46.66 -1.69 0.00	38.19 -1.48 1.42	27.30 -1.35 7.95	16.55 -1.26 15.25
LI_NEWBRDGE___DRP 323616	35.46 2.23 0.00	31.41 2.25 0.00	31.17 1.91 -1.64	31.18 1.90 0.00	32.62 1.90 0.00	36.00 2.26 0.00	43.96 3.22 0.00	46.71 3.46 0.00	46.00 3.88 -1.29	46.86 3.90 -1.90	45.03 3.14 -3.10	45.39 3.25 0.13	45.16 3.19 -1.08	45.16 3.04 -2.63	43.57 3.13 -1.80	45.38 3.30 -0.78	46.57 3.23 -1.88	63.10 3.48 -16.19	56.30 3.66 -4.44	61.94 3.73 -7.78	53.15 3.72 -1.07	45.12 3.08 -0.95	39.89 3.22 -0.07	36.03 2.97 -0.01
LOCKPORT_115KV_TB60_63_64 80432	32.64 -0.60 0.00	27.76 -1.40 0.00	26.10 -1.77 -0.24	27.40 -1.87 0.00	29.03 -1.69 0.00	31.82 -1.92 0.00	38.01 -2.73 0.00	39.31 -3.94 0.00	37.60 -3.23 0.00	37.61 -3.45 0.00	35.96 -2.83 0.00	38.80 -3.47 0.00	37.42 -3.48 0.00	36.13 -3.36 0.00	35.40 -3.25 0.00	37.74 -3.55 0.00	37.71 -3.86 -0.11	39.40 -4.04 0.00	43.71 -4.48 0.00	46.04 -4.39 0.00	43.91 -4.45 0.00	37.76 -3.33 0.00	33.93 -2.67 0.00	31.10 -1.95 0.00
LOCKPORT___CC1 323769	32.64 -0.60 0.00	27.76 -1.40 0.00	26.10 -1.77 -0.25	27.43 -1.84 0.00	29.03 -1.69 0.00	31.82 -1.92 0.00	38.05 -2.69 0.00	39.36 -3.89 0.00	37.56 -3.27 0.00	37.48 -3.57 0.00	35.73 -3.07 0.00	38.67 -3.59 0.00	37.42 -3.48 0.00	36.17 -3.32 0.00	35.44 -3.21 0.00	37.78 -3.51 0.00	37.67 -3.90 -0.11	39.40 -4.04 0.00	43.72 -4.48 0.00	46.04 -4.39 0.00	44.34 -4.01 0.00	37.84 -3.25 0.00	33.89 -2.71 0.00	31.10 -1.95 0.00
LOCKPORT___CC2 323770	32.64 -0.60 0.00	27.76 -1.40 0.00	26.10 -1.77 -0.25	27.43 -1.84 0.00	29.03 -1.69 0.00	31.82 -1.92 0.00	38.05 -2.69 0.00	39.36 -3.89 0.00	37.56 -3.27 0.00	37.48 -3.57 0.00	35.73 -3.07 0.00	38.67 -3.59 0.00	37.42 -3.48 0.00	36.17 -3.32 0.00	35.44 -3.21 0.00	37.78 -3.51 0.00	37.67 -3.90 -0.11	39.40 -4.04 0.00	43.72 -4.48 0.00	46.04 -4.39 0.00	44.34 -4.01 0.00	37.84 -3.25 0.00	33.89 -2.71 0.00	31.10 -1.95 0.00
LOCKPORT___CC3 323771	32.64 -0.60 0.00	27.76 -1.40 0.00	26.10 -1.77 -0.25	27.43 -1.84 0.00	29.03 -1.69 0.00	31.82 -1.92 0.00	38.05 -2.69 0.00	39.36 -3.89 0.00	37.56 -3.27 0.00	37.48 -3.57 0.00	35.73 -3.07 0.00	38.67 -3.59 0.00	37.42 -3.48 0.00	36.17 -3.32 0.00	35.44 -3.21 0.00	37.78 -3.51 0.00	37.67 -3.90 -0.11	39.40 -4.04 0.00	43.72 -4.48 0.00	46.04 -4.39 0.00	44.34 -4.01 0.00	37.84 -3.25 0.00	33.89 -2.71 0.00	31.10 -1.95 0.00
LOCUSVLY_69_KV_BK2 55797	35.73 2.49 0.00	31.61 2.45 0.00	31.39 2.13 -1.64	31.41 2.14 0.00	32.87 2.15 0.00	36.24 2.50 0.00	44.25 3.50 0.00	47.19 3.94 0.00	46.46 4.33 -1.30	47.47 4.39 -2.02	54.21 3.72 -11.69	56.54 3.85 -10.43	54.73 3.80 -10.03	54.20 3.59 -11.12	56.98 3.67 -14.67	56.37 3.88 -11.20	56.24 3.81 -10.97	79.22 4.04 -31.74	71.22 4.34 -18.69	72.25 4.44 -17.38	67.14 4.35 -14.43	52.91 3.66 -8.16	41.61 3.55 -1.46	36.28 3.21 -0.02
LONG_LAKE_PHOENIX 24014	32.77 -0.47 0.00	28.64 -0.52 0.00	27.20 -0.55 -0.13	28.63 -0.64 0.00	30.10 -0.61 0.00	33.10 -0.64 0.00	39.97 -0.77 0.00	42.25 -0.99 0.00	39.89 -0.94 0.00	40.11 -0.94 0.00	37.98 -0.81 0.00	41.25 -1.01 0.00	39.91 -0.98 0.00	38.58 -0.91 0.00	37.75 -0.89 0.00	40.34 -0.95 0.00	40.56 -0.95 -0.05	42.44 -1.00 0.00	47.14 -1.06 0.00	49.32 -1.11 0.00	47.24 -1.11 0.00	40.14 -0.95 0.00	35.68 -0.91 0.00	32.26 -0.79 0.00
LOVETT___3 23632	34.76 1.53 0.00	30.77 1.60 0.00	30.59 1.38 -1.59	30.65 1.38 0.00	32.10 1.38 0.00	35.29 1.55 0.00	42.99 2.24 0.00	46.02 2.77 0.00	45.06 3.02 -1.21	45.96 3.12 -1.78	44.28 2.87 -2.62	45.18 2.92 0.00	43.80 2.90 0.00	42.26 2.76 0.00	41.42 2.78 0.00	44.44 2.97 -0.17	45.41 2.94 -1.01	46.89 3.13 -0.32	51.76 3.33 -0.24	54.20 3.48 -0.30	52.03 3.38 -0.28	44.19 2.84 -0.26	39.09 2.49 0.00	35.17 2.12 0.00
LOVETT___4 23642	34.76 1.53 0.00	30.77 1.60 0.00	30.59 1.38 -1.59	30.65 1.38 0.00	32.10 1.38 0.00	35.29 1.55 0.00	42.99 2.24 0.00	46.02 2.77 0.00	45.06 3.02 -1.21	45.96 3.12 -1.78	44.28 2.87 -2.62	45.18 2.92 0.00	43.80 2.90 0.00	42.26 2.76 0.00	41.42 2.78 0.00	44.44 2.97 -0.17	45.41 2.94 -1.01	46.89 3.13 -0.32	51.76 3.33 -0.24	54.20 3.48 -0.30	52.03 3.38 -0.28	44.19 2.84 -0.26	39.09 2.49 0.00	35.17 2.12 0.00
LOVETT___5 23593	34.76 1.53 0.00	30.77 1.60 0.00	30.59 1.38 -1.59	30.65 1.38 0.00	32.10 1.38 0.00	35.29 1.55 0.00	42.99 2.24 0.00	46.02 2.77 0.00	45.06 3.02 -1.21	45.96 3.12 -1.78	44.28 2.87 -2.62	45.18 2.92 0.00	43.80 2.90 0.00	42.26 2.76 0.00	41.42 2.78 0.00	44.44 2.97 -0.17	45.41 2.94 -1.01	46.89 3.13 -0.32	51.76 3.33 -0.24	54.20 3.48 -0.30	52.03 3.38 -0.28	44.19 2.84 -0.26	39.09 2.49 0.00	35.17 2.12 0.00
LOWER RAQUET___HYD 24057	31.41 -1.83 0.00	27.44 -1.72 0.00	26.18 -1.44 0.00	28.07 -1.20 0.00	29.43 -1.29 0.00	32.36 -1.38 0.00	39.20 -1.55 0.00	41.30 -1.95 0.00	38.95 -1.88 0.00	39.21 -1.85 0.00	36.85 -1.94 0.00	40.03 -2.24 0.00	38.72 -2.17 0.00	37.32 -2.17 0.00	36.44 -2.20 0.00	38.82 -2.48 0.00	39.05 -2.41 0.00	41.01 -2.43 0.00	45.55 -2.65 0.00	47.85 -2.57 0.00	45.79 -2.56 0.00	37.48 -2.22 1.39	26.84 -1.98 7.78	16.33 -1.82 14.90
LOWER___HUDSON 24059	34.60 1.36 0.00	30.56 1.40 0.00	30.91 1.27 -2.02	30.59 1.32 0.00	32.07 1.35 0.00	35.22 1.48 0.00	42.62 1.88 0.00	45.41 2.16 0.00	51.84 2.37 -8.65	56.14 2.38 -12.70	59.70 2.25 -18.66	44.38 2.11 0.00	42.98 2.08 0.00	41.54 2.05 0.00	40.61 1.97 0.00	46.21 2.23 -2.69	49.35 2.24 -5.66	50.83 2.26 -5.13	54.55 2.50 -3.85	57.74 2.57 -4.75	55.35 2.46 -4.53	47.47 2.18 -4.21	38.57 1.97 0.00	34.77 1.72 0.00
LOWVILLE_115KV_TB2 356335	32.77 -0.47 0.00	28.75 -0.41 0.00	27.29 -0.39 -0.06	28.89 -0.38 0.00	30.50 -0.22 0.00	33.64 -0.10 0.00	40.70 -0.04 0.00	43.08 -0.17 0.00	40.50 -0.33 0.00	40.44 -0.62 0.00	37.74 -1.05 0.00	41.00 -1.27 0.00	39.62 -1.27 0.00	38.27 -1.22 0.00	37.41 -1.24 0.00	40.05 -1.24 0.00	40.28 -1.20 -0.03	42.40 -1.04 0.00	47.38 -0.82 0.00	49.77 -0.66 0.00	47.87 -0.48 0.00	40.26 -0.49 0.34	34.04 -0.66 1.89	28.68 -0.73 3.64
LUTHERFT_115KV_GLOB_FND_222 355753	34.90 1.66 0.00	30.82 1.66 0.00	31.22 1.55 -2.05	30.88 1.61 0.00	32.41 1.69 0.00	35.60 1.86 0.00	43.03 2.28 0.00	45.89 2.64 0.00	50.10 2.61 -6.66	53.39 2.55 -9.78	55.64 2.48 -14.37	44.89 2.62 0.00	43.43 2.54 0.00	42.02 2.53 0.00	41.04 2.40 0.00	45.62 2.64 -1.69	47.97 2.61 -3.89	49.26 2.61 -3.21	53.60 2.99 -2.41	56.52 3.13 -2.97	54.19 3.00 -2.84	46.35 2.63 -2.64	38.79 2.20 0.00	35.00 1.95 0.00

LUTHERNY_35_KV_BK2 355980	34.93 1.69 0.00	30.85 1.69 0.00	31.25 1.57 -2.05	30.91 1.64 0.00	32.41 1.69 0.00	35.60 1.86 0.00	43.07 2.32 0.00	45.93 2.68 0.00	50.14 2.65 -6.66	53.43 2.59 -9.78	55.68 2.52 -14.37	44.89 2.62 0.00	43.47 2.58 0.00	42.06 2.57 0.00	41.04 2.40 0.00	45.66 2.68 -1.69	48.01 2.65 -3.89	49.31 2.65 -3.21	53.65 3.04 -2.41	56.52 3.13 -2.97	54.19 3.00 -2.84	46.39 2.67 -2.64	38.79 2.20 0.00	35.03 1.98 0.00
LWR___OSWEGATCHIE_HYD 23850	31.67 -1.56 0.00	27.73 -1.43 0.00	26.39 -1.27 -0.04	28.10 -1.17 0.00	29.58 -1.14 0.00	32.56 -1.18 0.00	39.44 -1.30 0.00	41.69 -1.56 0.00	39.24 -1.59 0.00	39.29 -1.77 0.00	36.81 -1.98 0.00	40.03 -2.24 0.00	38.64 -2.25 0.00	37.32 -2.17 0.00	36.44 -2.20 0.00	38.94 -2.35 0.00	39.20 -2.28 -0.02	41.18 -2.26 0.00	45.93 -2.27 0.00	48.26 -2.17 0.00	46.32 -2.03 0.00	38.36 -1.81 0.92	29.73 -1.72 5.15	21.51 -1.65 9.89
LYONS_FALL_HYD 23570	33.13 -0.10 0.00	29.08 -0.09 0.00	27.59 -0.08 -0.05	29.19 -0.09 0.00	30.78 0.06 0.00	33.91 0.17 0.00	41.03 0.29 0.00	43.47 0.22 0.00	40.95 0.12 0.00	40.97 -0.08 0.00	38.40 -0.39 0.00	41.76 -0.51 0.00	40.36 -0.53 0.00	38.98 -0.51 0.00	38.14 -0.50 0.00	40.80 -0.49 0.00	41.03 -0.46 -0.02	43.09 -0.35 0.00	48.10 -0.10 0.00	50.42 0.00 0.00	48.45 0.10 0.00	40.94 0.04 0.19	35.39 -0.15 1.07	30.77 -0.23 2.05
MADISON___COUNTY_LFGE 323628	33.87 0.63 0.00	29.72 0.55 0.00	28.16 0.44 -0.10	29.71 0.44 0.00	31.33 0.61 0.00	34.48 0.74 0.00	41.76 1.02 0.00	44.24 0.99 0.00	41.69 0.86 0.00	41.80 0.74 0.00	39.45 0.66 0.00	42.90 0.63 0.00	41.46 0.57 0.00	40.08 0.59 0.00	39.18 0.54 0.00	41.95 0.66 0.00	42.16 0.66 -0.04	44.27 0.83 0.00	49.26 1.06 0.00	51.63 1.21 0.00	49.56 1.21 0.00	42.08 0.99 0.00	37.33 0.73 0.00	33.65 0.59 0.00
MALONE___115KV_TB1 356076	32.30 -0.93 0.00	28.20 -0.96 0.00	26.93 -0.69 0.00	28.72 -0.56 0.00	30.04 -0.68 0.00	33.03 -0.71 0.00	40.13 -0.61 0.00	42.43 -0.82 0.00	40.09 -0.73 0.00	40.44 -0.62 0.00	38.05 -0.74 0.00	41.29 -0.97 0.00	39.87 -1.02 0.00	38.38 -1.11 0.00	37.44 -1.20 0.00	39.81 -1.49 0.00	40.05 -1.41 0.00	42.05 -1.39 0.00	46.75 -1.45 0.00	49.06 -1.36 0.00	46.86 -1.50 0.00	38.02 -1.44 1.63	26.13 -1.32 9.15	14.30 -1.19 17.56
MAPLEWOD_115KV_TB3 80458	34.30 1.06 0.00	30.33 1.17 0.00	30.71 1.08 -2.01	30.39 1.11 0.00	31.82 1.11 0.00	34.92 1.18 0.00	42.21 1.47 0.00	45.11 1.86 0.00	51.68 2.16 -8.69	55.96 2.13 -12.77	59.60 2.06 -18.75	44.08 1.82 0.00	42.73 1.84 0.00	41.31 1.82 0.00	40.38 1.74 0.00	46.15 1.94 -2.92	49.46 1.95 -6.05	50.96 1.95 -5.57	54.54 2.17 -4.17	57.74 2.17 -5.15	55.39 2.13 -4.91	47.62 1.97 -4.56	38.24 1.65 0.00	34.50 1.45 0.00
MAPLE_RIDGE_WT_1 323574	32.50 -0.73 0.00	28.49 -0.67 0.00	27.07 -0.55 0.00	28.75 -0.53 0.00	30.13 -0.58 0.00	33.10 -0.64 0.00	40.01 -0.73 0.00	42.43 -0.82 0.00	40.05 -0.78 0.00	40.24 -0.82 0.00	37.94 -0.85 0.00	41.25 -1.01 0.00	39.83 -1.06 0.00	38.43 -1.06 0.00	37.52 -1.12 0.00	40.01 -1.28 0.00	40.22 -1.24 0.00	42.09 -1.35 0.00	46.70 -1.49 0.00	48.81 -1.62 0.00	46.71 -1.64 0.00	36.72 -1.48 2.89	19.01 -1.35 16.23	0.82 -1.26 30.97
MAPLE_RIDGE_WT_2 323611	32.50 -0.73 0.00	28.49 -0.67 0.00	27.07 -0.55 0.00	28.75 -0.53 0.00	30.13 -0.58 0.00	33.10 -0.64 0.00	40.01 -0.73 0.00	42.43 -0.82 0.00	40.05 -0.78 0.00	40.24 -0.82 0.00	37.94 -0.85 0.00	41.25 -1.01 0.00	39.83 -1.06 0.00	38.43 -1.06 0.00	37.52 -1.12 0.00	40.01 -1.28 0.00	40.22 -1.24 0.00	42.09 -1.35 0.00	46.70 -1.49 0.00	48.81 -1.62 0.00	46.71 -1.64 0.00	36.72 -1.48 2.89	19.01 -1.35 16.23	0.82 -1.26 30.97
MARBLE_RIVER_WT_PWR 323696	32.24 -1.00 0.00	28.17 -0.99 0.00	26.90 -0.72 0.00	28.66 -0.62 0.00	30.01 -0.71 0.00	33.03 -0.71 0.00	40.05 -0.69 0.00	42.43 -0.82 0.00	40.14 -0.69 0.00	40.44 -0.61 0.00	38.09 -0.70 0.00	41.34 -0.93 0.00	39.91 -0.98 0.00	38.43 -1.06 0.00	37.44 -1.20 0.00	39.85 -1.45 0.00	40.09 -1.37 0.00	42.01 -1.43 0.00	46.65 -1.54 0.00	48.86 -1.56 0.00	46.66 -1.69 0.00	37.78 -1.56 1.75	25.40 -1.39 9.81	12.98 -1.29 18.78
MARSHVLE_115KV_TB1 80742	35.73 2.49 0.00	31.50 2.33 0.00	32.13 2.18 -2.33	31.56 2.28 0.00	33.24 2.52 0.00	36.54 2.80 0.00	44.13 3.38 0.00	46.88 3.63 0.00	48.58 3.31 -4.45	50.59 3.00 -6.54	51.34 2.95 -9.60	45.44 3.17 0.00	43.88 2.99 0.00	42.37 2.88 0.00	41.23 2.59 0.00	44.98 2.85 -0.83	46.83 2.86 -2.51	48.07 3.04 -1.59	53.20 3.81 -1.19	56.03 4.13 -1.47	53.72 3.97 -1.40	46.17 3.78 -1.30	39.63 3.04 0.00	35.76 2.71 0.00
MARSH_HILL_WT_PWR 323713	33.33 0.10 0.00	28.64 -0.52 0.00	27.05 -0.91 -0.34	28.40 -0.88 0.00	30.01 -0.71 0.00	33.10 -0.64 0.00	40.01 -0.73 0.00	42.04 -1.21 0.00	39.56 -1.27 0.00	39.45 -1.60 0.00	37.36 -1.43 0.00	40.24 -2.03 0.00	38.72 -2.17 0.00	37.44 -2.06 0.00	36.75 -1.89 0.00	39.14 -2.15 0.00	39.21 -2.41 -0.16	41.31 -2.13 0.00	46.17 -2.02 0.00	48.56 -1.86 0.00	46.62 -1.74 0.00	39.53 -1.56 0.00	34.99 -1.61 0.00	31.79 -1.26 0.00
MCINTYRE_115KV_TB2 80467	32.30 -0.93 0.00	28.23 -0.93 0.00	26.93 -0.69 0.00	28.86 -0.41 0.00	30.29 -0.43 0.00	33.34 -0.40 0.00	40.38 -0.37 0.00	42.43 -0.82 0.00	39.89 -0.94 0.00	40.03 -1.03 0.00	37.59 -1.20 0.00	40.83 -1.44 0.00	39.50 -1.39 0.00	38.07 -1.42 0.00	37.21 -1.43 0.00	39.68 -1.61 0.00	39.97 -1.49 0.00	42.01 -1.43 0.00	46.80 -1.40 0.00	49.32 -1.11 0.00	47.24 -1.11 0.00	38.64 -0.99 1.46	27.47 -0.91 8.21	16.43 -0.86 15.76
MECO_____69_KV_BK1 80468	35.83 2.59 0.00	31.61 2.45 0.00	32.14 2.29 -2.23	31.70 2.43 0.00	33.36 2.64 0.00	36.68 2.94 0.00	44.37 3.63 0.00	47.14 3.89 0.00	49.19 3.59 -4.77	51.27 3.20 -7.01	52.23 3.14 -10.30	45.65 3.38 0.00	44.12 3.23 0.00	42.65 3.16 0.00	41.54 2.90 0.00	45.41 3.22 -0.90	47.27 3.23 -2.58	48.58 3.43 -1.71	53.72 4.24 -1.28	56.54 4.54 -1.58	54.22 4.35 -1.51	46.43 3.94 -1.40	39.78 3.18 0.00	35.86 2.81 0.00
MENANDS___115KV_TB5 355628	34.16 0.93 0.00	30.21 1.05 0.00	30.60 0.97 -2.01	30.27 1.00 0.00	31.70 0.98 0.00	34.79 1.05 0.00	42.05 1.30 0.00	44.89 1.64 0.00	50.48 2.00 -7.65	54.31 2.01 -11.24	57.20 1.90 -16.51	43.91 1.65 0.00	42.57 1.68 0.00	41.15 1.66 0.00	40.23 1.58 0.00	45.62 1.78 -2.55	48.64 1.78 -5.40	50.08 1.78 -4.86	53.77 1.93 -3.65	56.84 1.92 -4.49	54.53 1.89 -4.29	46.84 1.77 -3.98	38.10 1.50 0.00	34.37 1.32 0.00
MG INDUSTRY___DRP 24185	34.10 0.86 0.00	30.18 1.02 0.00	30.51 0.91 -1.98	30.27 1.00 0.00	31.70 0.98 0.00	34.75 1.01 0.00	41.93 1.18 0.00	44.68 1.43 0.00	35.87 1.35 6.30	33.11 1.31 9.26	26.43 1.24 13.60	43.58 1.31 0.00	42.24 1.35 0.00	40.79 1.30 0.00	39.92 1.28 0.00	40.07 1.49 2.71	39.01 1.45 3.90	39.75 1.48 5.17	45.96 1.64 3.88	47.26 1.61 4.78	45.44 1.64 4.56	38.37 1.52 4.24	37.88 1.28 0.00	34.21 1.16 0.00

MID___OSWEGATCHIE_HYD 23849	31.67 -1.56 0.00	27.73 -1.43 0.00	26.39 -1.27 -0.04	28.10 -1.17 0.00	29.58 -1.14 0.00	32.56 -1.18 0.00	39.44 -1.30 0.00	41.69 -1.56 0.00	39.24 -1.59 0.00	39.29 -1.77 0.00	36.81 -1.98 0.00	40.03 -2.24 0.00	38.64 -2.25 0.00	37.32 -2.17 0.00	36.44 -2.20 0.00	38.94 -2.35 0.00	39.20 -2.28 -0.02	41.18 -2.26 0.00	45.93 -2.27 0.00	48.26 -2.17 0.00	46.32 -2.03 0.00	38.36 -1.81 0.92	29.73 -1.72 5.15	21.51 -1.65 9.89
MID___RAQUETTE_HYD 23851	31.41 -1.83 0.00	27.44 -1.72 0.00	26.18 -1.44 0.00	28.07 -1.20 0.00	29.43 -1.29 0.00	32.36 -1.38 0.00	39.20 -1.55 0.00	41.30 -1.95 0.00	38.95 -1.88 0.00	39.17 -1.89 0.00	36.85 -1.94 0.00	40.03 -2.24 0.00	38.73 -2.17 0.00	37.32 -2.17 0.00	36.44 -2.20 0.00	38.82 -2.48 0.00	39.05 -2.40 0.00	41.01 -2.43 0.00	45.55 -2.65 0.00	47.85 -2.57 0.00	45.79 -2.56 0.00	37.48 -2.22 1.39	26.84 -1.98 7.78	16.31 -1.82 14.93
MILLIKEN___1 23584	33.90 0.66 0.00	29.60 0.44 0.00	28.22 0.28 -0.33	29.54 0.26 0.00	31.09 0.37 0.00	34.25 0.51 0.00	41.76 1.02 0.00	44.33 1.08 0.00	41.44 0.61 0.00	41.59 0.53 0.00	39.30 0.50 0.00	42.60 0.34 0.00	41.10 0.20 0.00	39.73 0.24 0.00	38.91 0.27 0.00	41.62 0.33 0.00	41.94 0.33 -0.15	43.96 0.52 0.00	48.97 0.77 0.00	51.28 0.86 0.00	49.13 0.77 0.00	41.71 0.62 0.00	37.04 0.44 0.00	33.41 0.36 0.00
MILLIKEN___2 23585	33.90 0.66 0.00	29.60 0.44 0.00	28.22 0.28 -0.33	29.54 0.26 0.00	31.09 0.37 0.00	34.25 0.51 0.00	41.76 1.02 0.00	44.33 1.08 0.00	41.44 0.61 0.00	41.59 0.53 0.00	39.30 0.50 0.00	42.60 0.34 0.00	41.10 0.20 0.00	39.73 0.24 0.00	38.91 0.27 0.00	41.62 0.33 0.00	41.94 0.33 -0.15	43.96 0.52 0.00	48.97 0.77 0.00	51.28 0.86 0.00	49.13 0.77 0.00	41.71 0.62 0.00	37.04 0.44 0.00	33.41 0.36 0.00
MILLIKEN___DIESEL 23629	33.90 0.66 0.00	29.60 0.44 0.00	28.22 0.28 -0.33	29.54 0.26 0.00	31.09 0.37 0.00	34.25 0.51 0.00	41.76 1.02 0.00	44.33 1.08 0.00	41.44 0.61 0.00	41.59 0.53 0.00	39.30 0.50 0.00	42.60 0.34 0.00	41.10 0.20 0.00	39.73 0.24 0.00	38.91 0.27 0.00	41.62 0.33 0.00	41.94 0.33 -0.15	43.96 0.52 0.00	48.97 0.77 0.00	51.28 0.86 0.00	49.13 0.77 0.00	41.71 0.62 0.00	37.04 0.44 0.00	33.41 0.36 0.00
MILLSEAT___LFGE 323607	33.23 0.00 0.00	28.26 -0.90 0.00	26.56 -1.30 -0.24	27.93 -1.35 0.00	29.58 -1.14 0.00	32.46 -1.28 0.00	38.79 -1.95 0.00	40.31 -2.94 0.00	38.50 -2.33 0.00	38.43 -2.63 0.00	36.54 -2.25 0.00	39.56 -2.71 0.00	38.19 -2.70 0.00	36.88 -2.61 0.00	36.13 -2.51 0.00	38.57 -2.73 0.00	38.50 -3.07 -0.11	40.27 -3.17 0.00	44.87 -3.33 0.00	47.30 -3.13 0.00	45.55 -2.81 0.00	38.79 -2.30 0.00	34.62 -1.98 0.00	31.69 -1.36 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.83 1.60 0.00	30.82 1.66 0.00	30.68 1.44 -1.63	30.74 1.46 0.00	32.16 1.44 0.00	35.36 1.62 0.00	43.07 2.32 0.00	46.10 2.85 0.00	45.21 3.10 -1.28	46.14 3.20 -1.88	44.50 2.95 -2.76	45.23 2.96 0.00	43.84 2.94 0.00	42.33 2.84 0.00	41.50 2.86 0.00	44.49 3.01 -0.18	45.54 3.03 -1.05	47.00 3.21 -0.35	51.88 3.42 -0.26	54.28 3.53 -0.32	52.10 3.43 -0.31	44.25 2.88 -0.29	39.12 2.53 0.00	35.20 2.15 0.00
MILLWOOD_13_KV_LOAD 356217	34.90 1.66 0.00	30.88 1.72 0.00	30.71 1.46 -1.63	30.77 1.49 0.00	32.22 1.51 0.00	35.43 1.69 0.00	43.11 2.36 0.00	46.19 2.94 0.00	45.30 3.18 -1.28	46.22 3.28 -1.88	44.58 3.03 -2.76	45.35 3.09 0.00	43.92 3.03 0.00	42.41 2.92 0.00	41.54 2.90 0.00	44.61 3.14 -0.18	45.62 3.11 -1.05	47.09 3.30 -0.35	51.98 3.52 -0.26	54.43 3.68 -0.32	52.24 3.58 -0.31	44.33 2.96 -0.29	39.19 2.60 0.00	35.26 2.21 0.00
MODEL_CITY_ENERGY 24167	32.30 -0.93 0.00	27.50 -1.66 0.00	25.85 -2.02 -0.25	27.17 -2.11 0.00	28.72 -2.00 0.00	31.48 -2.26 0.00	37.65 -3.10 0.00	38.88 -4.37 0.00	37.15 -3.67 0.00	37.03 -4.02 0.00	35.30 -3.49 0.00	38.25 -4.02 0.00	37.01 -3.89 0.00	35.78 -3.71 0.00	35.05 -3.59 0.00	37.37 -3.92 0.00	37.26 -4.31 -0.11	38.92 -4.52 0.00	43.23 -4.96 0.00	45.49 -4.94 0.00	43.81 -4.55 0.00	37.39 -3.70 0.00	33.49 -3.11 0.00	30.77 -2.28 0.00
MODERN_LFGE___ 323580	32.30 -0.93 0.00	27.50 -1.66 0.00	25.85 -2.02 -0.25	27.17 -2.11 0.00	28.72 -2.00 0.00	31.48 -2.26 0.00	37.65 -3.10 0.00	38.88 -4.37 0.00	37.15 -3.67 0.00	37.03 -4.02 0.00	35.30 -3.49 0.00	38.25 -4.02 0.00	37.01 -3.89 0.00	35.78 -3.71 0.00	35.05 -3.59 0.00	37.37 -3.92 0.00	37.26 -4.31 -0.11	38.92 -4.52 0.00	43.23 -4.96 0.00	45.49 -4.94 0.00	43.81 -4.55 0.00	37.39 -3.70 0.00	33.49 -3.11 0.00	30.77 -2.28 0.00
MOHAWK_PAPER___DRP 24187	34.30 1.06 0.00	30.33 1.17 0.00	30.71 1.08 -2.01	30.39 1.11 0.00	31.82 1.11 0.00	34.92 1.18 0.00	42.21 1.47 0.00	45.11 1.86 0.00	51.68 2.16 -8.69	55.96 2.13 -12.77	59.60 2.06 -18.75	44.08 1.82 0.00	42.73 1.84 0.00	41.31 1.82 0.00	40.38 1.74 0.00	46.15 1.94 -2.92	49.46 1.95 -6.05	50.96 1.95 -5.57	54.54 2.17 -4.17	57.74 2.17 -5.15	55.39 2.13 -4.91	47.62 1.97 -4.56	38.24 1.65 0.00	34.50 1.45 0.00
MOHICAN___35_KV_115KV_LD 80490	35.09 1.86 0.00	31.00 1.84 0.00	31.39 1.71 -2.06	31.09 1.81 0.00	32.62 1.90 0.00	35.83 2.09 0.00	43.43 2.69 0.00	46.32 3.07 0.00	50.41 3.02 -6.56	53.56 2.87 -9.63	55.81 2.87 -14.15	45.23 2.96 0.00	43.75 2.86 0.00	42.33 2.84 0.00	41.31 2.67 0.00	45.90 2.97 -1.64	48.21 2.94 -3.81	49.47 2.91 -3.12	53.91 3.37 -2.34	56.84 3.53 -2.88	54.49 3.38 -2.75	46.64 3.00 -2.56	39.01 2.42 0.00	35.17 2.12 0.00
MONGAUP___HYD 23641	34.80 1.56 0.00	30.74 1.57 0.00	30.49 1.38 -1.50	30.68 1.41 0.00	32.13 1.41 0.00	35.36 1.62 0.00	42.94 2.20 0.00	45.63 2.38 0.00	44.37 2.49 -1.05	44.98 2.38 -1.54	42.69 1.63 -2.27	43.83 1.56 0.00	42.36 1.47 0.00	40.87 1.38 0.00	40.07 1.43 0.00	42.82 1.53 0.00	43.74 1.62 -0.67	45.22 1.78 0.00	50.17 1.98 0.00	52.59 2.17 0.00	50.43 2.08 0.00	42.98 1.89 0.00	38.13 1.54 0.00	34.80 1.75 0.00
MONTAUK___DIESEL 23721	36.39 3.16 0.00	32.31 3.15 0.00	32.02 2.76 -1.64	32.05 2.78 0.00	33.48 2.76 0.00	37.01 3.27 0.00	45.35 4.60 0.00	48.14 4.89 0.00	47.43 5.31 -1.29	48.15 5.17 -1.92	47.54 4.07 -4.68	48.30 4.18 -1.85	47.71 4.13 -2.69	47.33 3.75 -4.09	46.51 3.75 -4.12	47.86 3.88 -2.69	48.80 3.81 -3.53	65.97 4.17 -18.36	59.19 4.10 -6.90	63.84 4.19 -9.23	56.03 4.16 -3.52	46.63 3.29 -2.26	40.45 3.51 -0.34	36.40 3.34 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.20 -0.03 0.00	28.17 -0.99 0.00	26.28 -1.63 -0.29	27.84 -1.43 0.00	29.61 -1.11 0.00	32.66 -1.08 0.00	39.40 -1.34 0.00	41.35 -1.90 0.00	39.48 -1.35 0.00	39.46 -1.60 0.00	37.78 -1.01 0.00	40.70 -1.56 0.00	39.17 -1.72 0.00	37.75 -1.74 0.00	36.79 -1.85 0.00	39.02 -2.27 0.00	38.81 -2.78 -0.13	41.01 -2.43 0.00	45.40 -2.80 0.00	47.85 -2.57 0.00	45.41 -2.95 0.00	38.95 -2.14 0.00	34.69 -1.90 0.00	31.63 -1.42 0.00

MORRIS_RIDGE___SOLAR 323848	33.00 -0.23 0.00	28.38 -0.79 0.00	26.73 -1.21 -0.33	28.07 -1.20 0.00	29.67 -1.04 0.00	32.66 -1.08 0.00	39.36 -1.39 0.00	41.13 -2.12 0.00	38.87 -1.96 0.00	38.80 -2.26 0.00	36.82 -1.98 0.00	39.69 -2.58 0.00	38.32 -2.57 0.00	37.04 -2.45 0.00	36.40 -2.24 0.00	38.82 -2.48 0.00	38.83 -2.78 -0.15	40.88 -2.56 0.00	45.55 -2.65 0.00	47.90 -2.52 0.00	46.04 -2.32 0.00	39.12 -1.97 0.00	34.77 -1.83 0.00	31.69 -1.36 0.00
MORTIMER_115KV_TB3 55949	33.17 -0.07 0.00	28.55 -0.61 0.00	27.02 -0.80 -0.20	28.37 -0.91 0.00	29.92 -0.80 0.00	32.90 -0.84 0.00	39.44 -1.30 0.00	41.39 -1.86 0.00	39.36 -1.47 0.00	39.54 -1.52 0.00	37.59 -1.20 0.00	40.70 -1.56 0.00	39.30 -1.59 0.00	37.91 -1.58 0.00	37.17 -1.47 0.00	39.68 -1.61 0.00	39.89 -1.66 -0.09	41.53 -1.91 0.00	46.17 -2.02 0.00	48.46 -1.97 0.00	46.37 -1.98 0.00	39.57 -1.52 0.00	35.32 -1.28 0.00	32.13 -0.93 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.13 1.89 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.58 3.33 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.90 3.34 -2.77	45.69 3.42 0.00	44.29 3.39 0.00	42.73 3.24 0.00	41.89 3.25 0.00	44.94 3.47 -0.18	45.96 3.44 -1.06	47.44 3.65 -0.35	52.31 3.86 -0.26	54.68 3.93 -0.32	52.53 3.87 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.53 2.48 0.00
MUNSVILLE_WIND_PWR 323609	35.19 1.96 0.00	30.85 1.69 0.00	29.53 1.41 -0.50	30.74 1.46 0.00	32.62 1.91 0.00	36.07 2.33 0.00	43.76 3.02 0.00	46.37 3.12 0.00	43.52 2.69 0.00	43.35 2.30 0.00	40.96 2.17 0.00	44.30 2.03 0.00	42.53 1.64 0.00	41.03 1.54 0.00	40.15 1.51 0.00	43.07 1.77 0.00	43.39 1.70 -0.23	45.61 2.17 0.00	51.04 2.84 0.00	53.55 3.13 0.00	51.45 3.10 0.00	43.64 2.55 0.00	38.46 1.87 0.00	34.67 1.62 0.00
N SALMON___HYD 24042	32.30 -0.93 0.00	28.20 -0.96 0.00	26.93 -0.69 0.00	28.72 -0.56 0.00	30.04 -0.68 0.00	33.03 -0.71 0.00	40.13 -0.61 0.00	42.43 -0.82 0.00	40.10 -0.73 0.00	40.44 -0.61 0.00	38.05 -0.74 0.00	41.30 -0.97 0.00	39.87 -1.02 0.00	38.39 -1.11 0.00	37.44 -1.20 0.00	39.81 -1.48 0.00	40.05 -1.41 0.00	42.05 -1.39 0.00	46.75 -1.44 0.00	49.07 -1.36 0.00	46.86 -1.50 0.00	38.02 -1.44 1.63	26.13 -1.32 9.15	14.34 -1.19 17.53
N.AKRON__115KV_KNAPP 355671	33.20 -0.03 0.00	28.23 -0.93 0.00	26.53 -1.33 -0.24	27.90 -1.38 0.00	29.52 -1.20 0.00	32.42 -1.32 0.00	38.75 -2.00 0.00	40.22 -3.03 0.00	38.46 -2.37 0.00	38.47 -2.59 0.00	36.70 -2.09 0.00	39.60 -2.66 0.00	38.15 -2.74 0.00	36.81 -2.69 0.00	36.09 -2.55 0.00	38.48 -2.81 0.00	38.50 -3.07 -0.11	40.27 -3.17 0.00	44.78 -3.42 0.00	47.15 -3.28 0.00	45.07 -3.29 0.00	38.62 -2.47 0.00	34.62 -1.98 0.00	31.66 -1.39 0.00
N.E_GEN_SANDY PD 24062	34.69 1.46 0.00	30.71 1.54 0.00	30.82 1.35 -1.85	30.68 1.41 0.00	32.10 1.38 0.00	35.26 1.52 0.00	42.70 1.96 0.00	45.76 2.51 0.00	47.74 2.98 -3.93	49.91 3.08 -5.77	50.10 2.83 -8.48	44.76 2.49 0.00	43.35 2.45 0.00	41.90 2.41 0.00	41.00 2.36 0.00	45.40 2.60 -1.50	47.60 2.66 -3.48	49.05 2.74 -2.87	53.30 2.94 -2.16	56.06 2.97 -2.67	53.80 2.90 -2.54	46.00 2.55 -2.36	38.83 2.23 0.00	35.00 1.95 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.80 1.56 0.00	30.80 1.63 0.00	30.61 1.41 -1.59	30.68 1.41 0.00	32.13 1.41 0.00	35.36 1.62 0.00	43.07 2.32 0.00	46.15 2.90 0.00	45.13 3.10 -1.20	46.02 3.20 -1.76	44.33 2.95 -2.59	45.27 3.00 0.00	43.88 2.99 0.00	42.33 2.84 0.00	41.50 2.86 0.00	44.47 3.01 -0.17	45.49 3.03 -1.01	46.97 3.21 -0.32	51.86 3.42 -0.24	54.30 3.58 -0.29	52.12 3.48 -0.28	44.27 2.92 -0.26	39.16 2.56 0.00	35.23 2.18 0.00
N.QUEENS_27_KV_LOAD 356247	35.03 1.79 0.00	30.97 1.81 0.00	30.75 1.49 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.53 1.79 0.00	43.39 2.65 0.00	46.49 3.24 0.00	45.67 3.55 -1.29	46.60 3.65 -1.89	44.89 3.26 -2.84	45.90 3.34 -0.29	44.25 3.35 0.00	42.65 3.16 0.00	42.22 3.21 -0.37	44.86 3.39 -0.18	45.87 3.36 -1.06	47.40 3.61 -0.35	52.27 3.81 -0.26	54.63 3.88 -0.32	52.48 3.82 -0.31	44.50 3.12 -0.29	39.38 2.78 0.00	35.43 2.38 0.00
N.TROY___115KV_TB1 355778	34.60 1.36 0.00	30.56 1.40 0.00	30.91 1.27 -2.02	30.59 1.32 0.00	32.07 1.35 0.00	35.22 1.48 0.00	42.58 1.83 0.00	45.50 2.25 0.00	51.88 2.41 -8.65	56.14 2.38 -12.70	59.70 2.25 -18.66	44.46 2.20 0.00	43.06 2.17 0.00	41.62 2.13 0.00	40.69 2.05 0.00	46.30 2.31 -2.69	49.44 2.32 -5.66	50.92 2.35 -5.13	54.65 2.60 -3.85	57.85 2.67 -4.75	55.45 2.56 -4.53	47.60 2.30 -4.21	38.54 1.94 0.00	34.77 1.72 0.00
NARROWS_GT1_1 24228	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT1_2 24229	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT1_3 24230	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT1_4 24231	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT1_5 24232	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06

NARROWS_GT1_6 24233	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT1_7 24234	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT1_8 24235	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT2_1 24236	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT2_2 24237	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT2_3 24238	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT2_4 24239	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT2_5 24240	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT2_6 24241	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT2_7 24242	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NARROWS_GT2_8 24243	35.39 2.13 -0.02	31.34 2.16 -0.02	31.15 1.88 -1.65	31.18 1.90 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.94 -0.02	46.99 3.72 -0.02	47.07 3.96 -2.28	51.13 4.19 -5.88	51.24 3.80 -8.65	51.69 3.89 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.06 3.88 -13.89	86.95 3.90 -41.60	105.55 4.17 -57.94	61.82 4.39 -9.24	55.24 4.44 -0.38	65.59 4.40 -12.83	50.81 3.49 -6.23	49.69 3.04 -10.05	35.72 2.61 -0.06
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.46 1.23 0.00	30.47 1.31 0.00	30.44 0.91 -1.91	30.56 1.29 0.00	32.04 1.32 0.00	35.16 1.42 0.00	42.50 1.75 0.00	45.37 2.12 0.00	36.19 2.25 6.88	32.95 2.01 10.11	25.80 1.86 14.85	43.83 1.56 0.00	42.45 1.55 0.00	40.99 1.50 0.00	40.03 1.39 0.00	40.16 1.82 2.95	39.01 1.91 4.35	39.77 1.95 5.63	46.34 2.36 4.22	47.64 2.42 5.21	45.76 2.37 4.97	38.61 2.14 4.61	38.28 1.68 0.00	34.57 1.52 0.00
NCHELSEA_115KV_TR2 355582	34.93 1.69 0.00	30.91 1.75 0.00	30.78 1.52 -1.64	30.82 1.55 0.00	32.28 1.57 0.00	35.49 1.75 0.00	43.15 2.40 0.00	46.19 2.94 0.00	45.10 3.18 -1.08	45.85 3.20 -1.59	44.08 2.95 -2.34	45.23 2.96 0.00	43.80 2.90 0.00	42.29 2.80 0.00	41.39 2.74 0.00	44.22 2.93 0.00	45.14 2.94 -0.73	46.53 3.08 0.00	51.57 3.37 0.00	53.95 3.53 0.00	51.79 3.43 0.00	43.92 2.84 0.00	39.16 2.56 0.00	35.26 2.21 0.00
NEG CAPITAL___MECHNVIL 23645	34.96 1.73 0.00	30.88 1.72 0.00	31.26 1.60 -2.04	30.94 1.67 0.00	32.44 1.72 0.00	35.63 1.89 0.00	43.11 2.36 0.00	45.76 2.51 0.00	50.58 2.53 -7.22	54.17 2.50 -10.61	56.82 2.45 -15.58	44.76 2.49 0.00	43.35 2.45 0.00	41.90 2.41 0.00	40.92 2.28 0.00	45.82 2.56 -1.97	48.37 2.53 -4.39	49.67 2.47 -3.75	53.85 2.84 -2.81	56.82 2.92 -3.47	54.47 2.80 -3.31	46.67 2.51 -3.08	38.90 2.31 0.00	35.07 2.02 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.67 -0.57 0.00	28.17 -0.99 0.00	26.71 -1.11 -0.19	28.04 -1.23 0.00	29.58 -1.14 0.00	32.53 -1.21 0.00	39.20 -1.55 0.00	41.13 -2.12 0.00	38.99 -1.84 0.00	39.17 -1.89 0.00	37.16 -1.63 0.00	40.32 -1.94 0.00	39.01 -1.88 0.00	37.64 -1.86 0.00	36.87 -1.78 0.00	39.39 -1.90 0.00	39.55 -1.99 -0.08	41.18 -2.26 0.00	45.84 -2.36 0.00	48.01 -2.42 0.00	46.13 -2.22 0.00	39.16 -1.93 0.00	34.88 -1.72 0.00	31.69 -1.36 0.00

NEG CENTRAL___DRP 24199	33.47 0.23 0.00	29.08 -0.09 0.00	27.56 -0.28 -0.21	28.98 -0.29 0.00	30.50 -0.22 0.00	33.61 -0.13 0.00	41.11 0.37 0.00	44.11 0.86 0.00	40.91 0.08 0.00	41.06 0.00 0.00	38.87 0.08 0.00	42.06 -0.21 0.00	40.57 -0.33 0.00	39.25 -0.24 0.00	38.45 -0.19 0.00	41.09 -0.21 0.00	41.27 -0.29 -0.10	43.31 -0.13 0.00	48.29 0.10 0.00	50.37 -0.05 0.00	48.16 -0.19 0.00	41.09 0.00 0.00	36.49 -0.11 0.00	32.95 -0.10 0.00
NEG CENTRAL___INDECK 23768	34.23 1.00 0.00	29.31 0.15 0.00	27.68 -0.22 -0.28	29.07 -0.20 0.00	30.72 0.00 0.00	33.84 0.10 0.00	40.70 -0.04 0.00	42.60 -0.65 0.00	40.14 -0.69 0.00	39.95 -1.11 0.00	37.75 -1.05 0.00	40.66 -1.61 0.00	39.26 -1.64 0.00	37.91 -1.58 0.00	37.21 -1.43 0.00	39.77 -1.53 0.00	39.97 -1.62 -0.13	42.01 -1.43 0.00	47.23 -0.96 0.00	49.92 -0.50 0.00	48.07 -0.29 0.00	40.72 -0.37 0.00	36.12 -0.48 0.00	32.78 -0.27 0.00
NEG CENTRAL___SENECA 23627	33.63 0.40 0.00	29.10 -0.06 0.00	27.58 -0.28 -0.24	28.95 -0.32 0.00	30.53 -0.18 0.00	33.67 -0.07 0.00	40.91 0.16 0.00	44.29 1.04 0.00	41.28 0.45 0.00	41.38 0.33 0.00	39.18 0.39 0.00	42.31 0.04 0.00	40.77 -0.12 0.00	39.41 -0.08 0.00	38.64 0.00 0.00	41.29 0.00 0.00	41.46 -0.12 -0.13	43.57 0.13 0.00	48.68 0.48 0.00	50.68 0.25 0.00	48.45 0.10 0.00	41.46 0.37 0.00	36.74 0.15 0.00	33.18 0.13 0.00
NEG CENTRAL___STATE_STREET 24147	33.47 0.23 0.00	29.16 0.00 0.00	27.72 -0.11 -0.21	29.13 -0.15 0.00	30.62 -0.09 0.00	33.74 0.00 0.00	41.40 0.65 0.00	44.03 0.78 0.00	40.67 -0.16 0.00	40.89 -0.16 0.00	38.71 -0.08 0.00	42.01 -0.25 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.41 -0.23 0.00	41.09 -0.21 0.00	41.30 -0.25 -0.09	43.27 -0.17 0.00	48.15 -0.05 0.00	50.32 -0.10 0.00	48.21 -0.15 0.00	40.97 -0.12 0.00	36.38 -0.22 0.00	32.85 -0.20 0.00
NEG MILLWOOD___DRP 24198	35.06 1.83 0.00	31.03 1.87 0.00	30.88 1.60 -1.65	30.94 1.67 0.00	32.38 1.66 0.00	35.60 1.86 0.00	43.35 2.61 0.00	46.41 3.16 0.00	45.46 3.43 -1.20	46.36 3.53 -1.77	44.65 3.26 -2.60	45.56 3.30 0.00	44.12 3.23 0.00	42.57 3.08 0.00	41.66 3.01 0.00	44.75 3.30 -0.15	45.75 3.28 -1.01	47.12 3.39 -0.29	52.13 3.71 -0.22	54.53 3.83 -0.27	52.39 3.77 -0.26	44.45 3.12 -0.24	39.38 2.78 0.00	35.43 2.38 0.00
NEG NORTH_FLCN_SEA 23793	32.60 -0.63 0.00	28.49 -0.67 0.00	27.18 -0.44 0.00	28.95 -0.32 0.00	30.32 -0.40 0.00	33.71 -0.03 0.00	40.91 0.16 0.00	43.34 0.09 0.00	40.95 0.12 0.00	41.30 0.25 0.00	38.91 0.12 0.00	42.22 -0.04 0.00	40.73 -0.16 0.00	39.17 -0.32 0.00	38.18 -0.46 0.00	40.59 -0.70 0.00	40.80 -0.66 0.00	42.83 -0.61 0.00	47.57 -0.63 0.00	49.87 -0.55 0.00	47.58 -0.77 0.00	38.52 -0.82 1.74	26.04 -0.77 9.79	13.62 -0.69 18.73
NEG NORTH_KES_CHATEGAY 23792	32.24 -1.00 0.00	28.17 -0.99 0.00	26.87 -0.75 0.00	28.66 -0.61 0.00	29.98 -0.74 0.00	32.93 -0.81 0.00	39.93 -0.81 0.00	42.30 -0.95 0.00	39.97 -0.86 0.00	40.28 -0.78 0.00	37.94 -0.85 0.00	41.17 -1.10 0.00	39.71 -1.19 0.00	38.23 -1.26 0.00	37.29 -1.35 0.00	39.68 -1.61 0.00	39.97 -1.49 0.00	41.92 -1.52 0.00	46.56 -1.64 0.00	48.81 -1.61 0.00	46.61 -1.74 0.00	37.73 -1.64 1.71	25.52 -1.46 9.62	13.28 -1.32 18.45
NEG NORTH___ALICE_FALLS 23915	32.64 -0.60 0.00	28.52 -0.64 0.00	27.20 -0.41 0.00	28.98 -0.29 0.00	30.32 -0.40 0.00	33.64 -0.10 0.00	40.87 0.12 0.00	43.29 0.04 0.00	40.91 0.08 0.00	41.26 0.21 0.00	38.87 0.08 0.00	42.14 -0.13 0.00	40.69 -0.20 0.00	39.10 -0.39 0.00	38.14 -0.50 0.00	40.51 -0.78 0.00	40.75 -0.70 0.00	42.83 -0.61 0.00	47.62 -0.58 0.00	49.97 -0.45 0.00	47.63 -0.73 0.00	38.53 -0.82 1.74	26.07 -0.77 9.76	13.67 -0.69 18.69
NEG NORTH___LWR_SARANAC 23913	32.64 -0.60 0.00	28.52 -0.64 0.00	27.20 -0.41 0.00	28.98 -0.29 0.00	30.32 -0.40 0.00	33.64 -0.10 0.00	40.87 0.12 0.00	43.29 0.04 0.00	40.91 0.08 0.00	41.26 0.21 0.00	38.87 0.08 0.00	42.14 -0.13 0.00	40.69 -0.20 0.00	39.10 -0.39 0.00	38.14 -0.50 0.00	40.51 -0.78 0.00	40.75 -0.70 0.00	42.83 -0.61 0.00	47.62 -0.58 0.00	49.97 -0.45 0.00	47.63 -0.73 0.00	38.53 -0.82 1.74	26.07 -0.77 9.76	13.67 -0.69 18.69
NEG NORTH___PLATTSBURG 23628	32.64 -0.60 0.00	28.52 -0.64 0.00	27.21 -0.41 0.00	28.98 -0.29 0.00	30.32 -0.40 0.00	33.64 -0.10 0.00	40.87 0.12 0.00	43.29 0.04 0.00	40.91 0.08 0.00	41.26 0.21 0.00	38.87 0.08 0.00	42.14 -0.13 0.00	40.69 -0.20 0.00	39.10 -0.39 0.00	38.14 -0.50 0.00	40.51 -0.79 0.00	40.75 -0.71 0.00	42.83 -0.61 0.00	47.62 -0.58 0.00	49.97 -0.45 0.00	47.63 -0.72 0.00	38.53 -0.82 1.74	26.07 -0.77 9.76	13.70 -0.70 18.66
NEG WEST_LEA_LOCKPORT 23791	32.64 -0.60 0.00	27.76 -1.40 0.00	26.10 -1.77 -0.25	27.43 -1.84 0.00	29.03 -1.69 0.00	31.82 -1.92 0.00	38.06 -2.69 0.00	39.31 -3.94 0.00	37.60 -3.23 0.00	37.61 -3.45 0.00	35.96 -2.83 0.00	38.80 -3.47 0.00	37.46 -3.43 0.00	36.13 -3.36 0.00	35.44 -3.21 0.00	37.74 -3.55 0.00	37.71 -3.86 -0.11	39.44 -4.00 0.00	43.71 -4.48 0.00	46.04 -4.39 0.00	43.91 -4.45 0.00	37.76 -3.33 0.00	33.93 -2.67 0.00	31.10 -1.95 0.00
NEG WEST___LANCASTR 23811	32.47 -0.76 0.00	27.68 -1.49 0.00	25.50 -2.40 -0.29	27.25 -2.02 0.00	28.87 -1.84 0.00	31.75 -1.99 0.00	38.18 -2.57 0.00	39.75 -3.50 0.00	37.85 -2.98 0.00	37.85 -3.20 0.00	36.23 -2.56 0.00	39.14 -3.13 0.00	37.74 -3.15 0.00	36.49 -3.00 0.00	35.71 -2.94 0.00	38.07 -3.22 0.00	37.40 -4.19 -0.13	39.88 -3.56 0.00	44.20 -4.00 0.00	46.64 -3.78 0.00	44.39 -3.97 0.00	38.17 -2.92 0.00	34.11 -2.49 0.00	31.17 -1.88 0.00
NEG_PENN_ALLEGHNY 23528	33.57 0.33 0.00	29.34 0.18 0.00	28.09 -0.06 -0.53	29.21 -0.06 0.00	30.75 0.03 0.00	33.84 0.10 0.00	40.95 0.20 0.00	43.51 0.26 0.00	41.12 0.29 0.00	41.30 0.25 0.00	39.18 0.39 0.00	42.52 0.26 0.00	40.93 0.04 0.00	39.57 0.08 0.00	38.76 0.12 0.00	41.38 0.08 0.00	41.66 -0.04 -0.24	43.48 0.04 0.00	48.29 0.10 0.00	50.63 0.20 0.00	48.50 0.15 0.00	41.25 0.17 0.00	36.63 0.04 0.00	33.15 0.10 0.00
NEG___GEN_MONROE 24207	33.20 -0.03 0.00	28.52 -0.64 0.00	26.99 -0.83 -0.20	28.37 -0.91 0.00	29.95 -0.77 0.00	32.96 -0.78 0.00	39.48 -1.26 0.00	41.30 -1.95 0.00	39.28 -1.55 0.00	39.33 -1.72 0.00	37.36 -1.44 0.00	40.36 -1.90 0.00	38.97 -1.92 0.00	37.60 -1.90 0.00	36.86 -1.78 0.00	39.31 -1.98 0.00	39.52 -2.03 -0.09	41.18 -2.26 0.00	45.88 -2.31 0.00	48.31 -2.12 0.00	46.18 -2.18 0.00	39.49 -1.60 0.00	35.28 -1.32 0.00	32.16 -0.89 0.00
NEPA___ENERGY 23901	32.97 -0.27 0.00	28.20 -0.96 0.00	26.33 -1.57 -0.29	27.78 -1.49 0.00	29.40 -1.32 0.00	32.36 -1.38 0.00	38.99 -1.75 0.00	40.61 -2.64 0.00	38.67 -2.16 0.00	38.68 -2.38 0.00	37.01 -1.78 0.00	40.03 -2.24 0.00	38.56 -2.33 0.00	37.24 -2.25 0.00	36.48 -2.16 0.00	38.90 -2.39 0.00	38.69 -2.90 -0.13	40.79 -2.65 0.00	45.21 -2.99 0.00	47.70 -2.72 0.00	45.36 -3.00 0.00	38.99 -2.10 0.00	34.80 -1.79 0.00	31.76 -1.29 0.00

NEVERSINK___HYD 23608	34.89 1.66 0.00	30.82 1.66 0.00	30.54 1.44 -1.49	30.77 1.49 0.00	32.25 1.54 0.00	35.46 1.72 0.00	43.07 2.32 0.00	46.10 2.85 0.00	44.28 3.02 -0.43	44.65 2.96 -0.63	42.52 2.79 -0.93	45.06 2.79 0.00	43.59 2.70 0.00	42.06 2.57 0.00	41.15 2.51 0.00	43.98 2.68 0.00	44.86 2.74 -0.67	46.35 2.91 0.00	51.43 3.23 0.00	53.86 3.43 0.00	51.65 3.29 0.00	43.84 2.75 0.00	39.01 2.41 0.00	35.13 2.08 0.00
NEWKRMKL_115KV_TB1 55635	33.96 0.73 0.00	30.07 0.90 0.00	30.43 0.80 -2.01	30.12 0.85 0.00	31.52 0.80 0.00	34.58 0.84 0.00	41.80 1.06 0.00	44.63 1.38 0.00	42.02 1.63 0.45	42.04 1.64 0.66	39.38 1.55 0.97	43.62 1.35 0.00	42.28 1.39 0.00	40.91 1.42 0.00	39.99 1.35 0.00	42.22 1.53 0.60	42.80 1.49 0.16	43.78 1.48 1.14	48.98 1.64 0.86	50.93 1.56 1.06	48.90 1.55 1.01	41.63 1.48 0.94	37.84 1.24 0.00	34.14 1.09 0.00
NEWTON___FALLS_HYD 23847	31.67 -1.56 0.00	27.73 -1.43 0.00	26.39 -1.27 -0.04	28.10 -1.17 0.00	29.58 -1.14 0.00	32.56 -1.18 0.00	39.44 -1.30 0.00	41.69 -1.56 0.00	39.24 -1.59 0.00	39.29 -1.77 0.00	36.81 -1.98 0.00	40.03 -2.24 0.00	38.64 -2.25 0.00	37.32 -2.17 0.00	36.44 -2.20 0.00	38.94 -2.35 0.00	39.20 -2.28 -0.02	41.18 -2.26 0.00	45.93 -2.27 0.00	48.26 -2.17 0.00	46.32 -2.03 0.00	38.36 -1.81 0.92	29.73 -1.72 5.15	21.51 -1.65 9.89
NGRID_A1_DSASP 323792	32.44 -0.80 0.00	27.71 -1.46 0.00	26.07 -1.79 -0.25	27.37 -1.90 0.00	28.93 -1.78 0.00	31.58 -2.16 0.00	37.61 -3.14 0.00	38.80 -4.45 0.00	37.07 -3.76 0.00	36.95 -4.11 0.00	35.26 -3.53 0.00	38.21 -4.06 0.00	36.97 -3.93 0.00	35.74 -3.75 0.00	35.01 -3.63 0.00	37.33 -3.96 0.00	37.26 -4.31 -0.11	38.84 -4.61 0.00	43.09 -5.11 0.00	45.28 -5.14 0.00	43.67 -4.69 0.00	37.27 -3.82 0.00	33.45 -3.15 0.00	30.77 -2.28 0.00
NGRID_A2_DSASP 323793	32.44 -0.80 0.00	27.71 -1.46 0.00	26.07 -1.79 -0.25	27.37 -1.90 0.00	28.93 -1.78 0.00	31.58 -2.16 0.00	37.61 -3.14 0.00	38.80 -4.45 0.00	37.07 -3.76 0.00	36.95 -4.11 0.00	35.26 -3.53 0.00	38.21 -4.06 0.00	36.97 -3.93 0.00	35.74 -3.75 0.00	35.01 -3.63 0.00	37.33 -3.96 0.00	37.26 -4.31 -0.11	38.84 -4.61 0.00	43.09 -5.11 0.00	45.28 -5.14 0.00	43.67 -4.69 0.00	37.27 -3.82 0.00	33.45 -3.15 0.00	30.77 -2.28 0.00
NGRID_A4_DSASP 323807	32.44 -0.80 0.00	27.71 -1.46 0.00	26.07 -1.79 -0.25	27.37 -1.90 0.00	28.93 -1.78 0.00	31.58 -2.16 0.00	37.61 -3.14 0.00	38.80 -4.45 0.00	37.07 -3.76 0.00	36.95 -4.11 0.00	35.26 -3.53 0.00	38.21 -4.06 0.00	36.97 -3.93 0.00	35.74 -3.75 0.00	35.01 -3.63 0.00	37.33 -3.96 0.00	37.26 -4.31 -0.11	38.84 -4.61 0.00	43.09 -5.11 0.00	45.28 -5.14 0.00	43.67 -4.69 0.00	37.27 -3.82 0.00	33.45 -3.15 0.00	30.77 -2.28 0.00
NIAGARA_115E_LBMP 323715	32.10 -1.13 0.00	27.35 -1.81 0.00	25.72 -2.15 -0.25	26.99 -2.28 0.00	28.57 -2.15 0.00	31.31 -2.43 0.00	37.45 -3.30 0.00	38.62 -4.63 0.00	36.91 -3.92 0.00	36.79 -4.27 0.00	35.07 -3.72 0.00	38.00 -4.27 0.00	36.76 -4.13 0.00	35.54 -3.95 0.00	34.82 -3.83 0.00	37.12 -4.17 0.00	37.05 -4.52 -0.11	38.66 -4.78 0.00	42.90 -5.30 0.00	45.13 -5.29 0.00	43.47 -4.88 0.00	37.10 -3.98 0.00	33.27 -3.33 0.00	30.61 -2.45 0.00
NIAGARA_115W_LBMP 323714	32.34 -0.90 0.00	27.64 -1.52 0.00	26.02 -1.85 -0.25	27.31 -1.96 0.00	28.87 -1.84 0.00	31.48 -2.26 0.00	37.48 -3.26 0.00	38.66 -4.59 0.00	36.95 -3.88 0.00	36.87 -4.19 0.00	35.14 -3.65 0.00	38.08 -4.19 0.00	36.84 -4.05 0.00	35.62 -3.87 0.00	34.89 -3.75 0.00	37.20 -4.09 0.00	37.14 -4.44 -0.11	38.71 -4.73 0.00	42.94 -5.25 0.00	45.18 -5.25 0.00	43.52 -4.84 0.00	37.14 -3.94 0.00	33.34 -3.26 0.00	30.67 -2.38 0.00
NIAGARA_230_LBMP 323716	32.37 -0.86 0.00	27.68 -1.49 0.00	26.04 -1.82 -0.25	27.34 -1.93 0.00	28.90 -1.81 0.00	31.68 -2.06 0.00	37.89 -2.85 0.00	39.10 -4.15 0.00	37.32 -3.51 0.00	37.24 -3.82 0.00	35.49 -3.30 0.00	38.46 -3.80 0.00	37.25 -3.64 0.00	36.02 -3.48 0.00	35.28 -3.36 0.00	37.62 -3.68 0.00	37.55 -4.02 -0.11	39.19 -4.26 0.00	43.48 -4.72 0.00	45.68 -4.74 0.00	44.00 -4.35 0.00	37.55 -3.53 0.00	33.67 -2.93 0.00	30.93 -2.12 0.00
NIAGARA___115KV_198_GIBSON 55903	32.34 -0.90 0.00	27.65 -1.52 0.00	26.02 -1.85 -0.25	27.31 -1.96 0.00	28.87 -1.84 0.00	31.48 -2.26 0.00	37.48 -3.26 0.00	38.67 -4.58 0.00	36.95 -3.88 0.00	36.99 -4.06 0.00	35.38 -3.41 0.00	38.21 -4.06 0.00	36.88 -4.01 0.00	35.62 -3.87 0.00	34.89 -3.75 0.00	37.16 -4.13 0.00	37.22 -4.35 -0.11	38.75 -4.69 0.00	42.94 -5.25 0.00	45.18 -5.24 0.00	43.08 -5.27 0.00	37.06 -4.03 0.00	33.38 -3.22 0.00	30.67 -2.38 0.00
NIAGARA____ 23760	32.37 -0.86 0.00	27.68 -1.49 0.00	26.05 -1.82 -0.25	27.34 -1.93 0.00	28.90 -1.81 0.00	31.68 -2.06 0.00	37.89 -2.85 0.00	39.10 -4.15 0.00	37.32 -3.51 0.00	37.24 -3.82 0.00	35.49 -3.30 0.00	38.46 -3.80 0.00	37.25 -3.64 0.00	36.02 -3.48 0.00	35.28 -3.36 0.00	37.62 -3.68 0.00	37.55 -4.02 -0.11	39.19 -4.26 0.00	43.48 -4.72 0.00	45.68 -4.74 0.00	44.00 -4.35 0.00	37.55 -3.53 0.00	33.67 -2.93 0.00	30.93 -2.12 0.00
NINE_MILE_1 23575	32.53 -0.70 0.00	28.46 -0.70 0.00	27.00 -0.72 -0.10	28.48 -0.79 0.00	29.92 -0.80 0.00	32.86 -0.88 0.00	39.65 -1.10 0.00	41.86 -1.39 0.00	39.56 -1.27 0.00	39.78 -1.27 0.00	37.63 -1.16 0.00	40.91 -1.35 0.00	39.58 -1.31 0.00	38.27 -1.22 0.00	37.44 -1.20 0.00	40.01 -1.28 0.00	40.22 -1.29 -0.04	42.09 -1.35 0.00	46.75 -1.44 0.00	48.86 -1.56 0.00	46.86 -1.50 0.00	39.81 -1.27 0.00	35.42 -1.17 0.00	32.03 -1.02 0.00
NINE_MILE_2 23744	32.53 -0.70 0.00	28.46 -0.70 0.00	27.00 -0.72 -0.10	28.48 -0.79 0.00	29.92 -0.80 0.00	32.86 -0.88 0.00	39.65 -1.10 0.00	41.86 -1.39 0.00	39.56 -1.27 0.00	39.78 -1.27 0.00	37.63 -1.16 0.00	40.96 -1.31 0.00	39.58 -1.31 0.00	38.27 -1.22 0.00	37.44 -1.20 0.00	40.01 -1.28 0.00	40.22 -1.29 -0.04	42.09 -1.35 0.00	46.75 -1.44 0.00	48.86 -1.56 0.00	46.91 -1.45 0.00	39.81 -1.27 0.00	35.42 -1.17 0.00	32.03 -1.02 0.00
NM_CAPITAL___DRP 24208	34.10 0.86 0.00	30.15 0.99 0.00	30.54 0.91 -2.01	30.21 0.94 0.00	31.64 0.92 0.00	34.72 0.98 0.00	41.93 1.18 0.00	44.81 1.56 0.00	48.71 1.88 -6.01	51.81 1.93 -8.83	53.58 1.82 -12.96	43.79 1.52 0.00	42.45 1.55 0.00	41.03 1.54 0.00	40.15 1.51 0.00	44.94 1.69 -1.95	47.46 1.66 -4.34	48.86 1.69 -3.72	52.82 1.83 -2.79	55.68 1.82 -3.44	53.43 1.79 -3.28	45.78 1.64 -3.05	37.99 1.39 0.00	34.27 1.22 0.00
NM_CENTRAL___DRP 24181	33.17 -0.07 0.00	28.99 -0.17 0.00	27.49 -0.28 -0.15	28.95 -0.32 0.00	30.44 -0.28 0.00	33.47 -0.27 0.00	40.58 -0.16 0.00	42.95 -0.30 0.00	40.42 -0.41 0.00	40.69 -0.37 0.00	38.56 -0.23 0.00	41.89 -0.38 0.00	40.52 -0.37 0.00	39.17 -0.32 0.00	38.33 -0.31 0.00	40.96 -0.33 0.00	41.15 -0.37 -0.07	43.01 -0.43 0.00	47.76 -0.43 0.00	49.92 -0.50 0.00	47.87 -0.48 0.00	40.68 -0.41 0.00	36.19 -0.40 0.00	32.69 -0.36 0.00

NM_FRONTIER___DRP 24179	32.34 -0.90 0.00	27.65 -1.52 0.00	26.02 -1.85 -0.25	27.31 -1.96 0.00	28.87 -1.84 0.00	31.48 -2.26 0.00	37.48 -3.26 0.00	38.67 -4.58 0.00	36.95 -3.88 0.00	36.99 -4.06 0.00	35.38 -3.41 0.00	38.21 -4.06 0.00	36.88 -4.01 0.00	35.62 -3.87 0.00	34.89 -3.75 0.00	37.16 -4.13 0.00	37.22 -4.35 -0.11	38.75 -4.69 0.00	42.94 -5.25 0.00	45.18 -5.24 0.00	43.08 -5.27 0.00	37.06 -4.03 0.00	33.38 -3.22 0.00	30.67 -2.38 0.00
NM_ST_REGIS___HYD 24053	31.64 -1.60 0.00	27.65 -1.52 0.00	26.38 -1.24 0.00	28.25 -1.02 0.00	29.58 -1.14 0.00	32.53 -1.21 0.00	39.44 -1.30 0.00	41.61 -1.64 0.00	39.28 -1.55 0.00	39.50 -1.56 0.00	37.16 -1.63 0.00	40.36 -1.90 0.00	39.01 -1.88 0.00	37.60 -1.90 0.00	36.71 -1.93 0.00	39.06 -2.23 0.00	39.30 -2.16 0.00	41.27 -2.17 0.00	45.84 -2.36 0.00	48.16 -2.27 0.00	46.08 -2.27 0.00	37.64 -2.01 1.44	26.74 -1.79 8.06	15.93 -1.65 15.47
NORTHPORT___1 23551	35.56 2.33 0.00	31.50 2.33 0.00	31.25 1.99 -1.64	31.26 1.99 0.00	32.68 1.97 0.00	36.10 2.36 0.00	43.52 2.77 0.00	46.49 3.25 0.00	45.80 3.68 -1.29	46.75 3.77 -1.92	46.34 3.18 -4.37	46.80 3.04 -1.49	46.28 3.03 -2.36	46.28 3.00 -3.79	45.51 3.17 -3.70	46.77 3.18 -2.30	47.80 3.15 -3.19	64.79 3.43 -17.91	58.21 3.62 -6.40	63.04 3.68 -8.93	54.95 3.58 -3.02	46.20 3.12 -1.99	40.36 3.48 -0.28	36.23 3.17 -0.01
NORTHPORT___2 23552	35.56 2.33 0.00	31.50 2.33 0.00	31.25 1.99 -1.64	31.26 1.99 0.00	32.68 1.97 0.00	36.10 2.36 0.00	43.52 2.77 0.00	46.49 3.25 0.00	45.80 3.68 -1.29	46.75 3.77 -1.92	46.34 3.18 -4.37	46.80 3.04 -1.49	46.28 3.03 -2.36	46.28 3.00 -3.79	45.51 3.17 -3.70	46.77 3.18 -2.30	47.80 3.15 -3.19	64.79 3.43 -17.91	58.21 3.62 -6.40	63.04 3.68 -8.93	54.95 3.58 -3.02	46.20 3.12 -1.99	40.36 3.48 -0.28	36.23 3.17 -0.01
NORTHPORT___3 23553	35.89 2.66 0.00	31.76 2.59 0.00	31.50 2.24 -1.64	31.53 2.25 0.00	32.99 2.27 0.00	36.41 2.66 0.00	44.04 3.30 0.00	47.18 3.94 0.00	46.49 4.37 -1.29	47.49 4.52 -1.92	46.91 3.76 -4.35	47.44 3.72 -1.45	46.94 3.68 -2.37	46.90 3.59 -3.81	46.00 3.67 -3.68	47.47 3.88 -2.30	48.47 3.81 -3.20	65.59 4.08 -18.07	58.96 4.34 -6.43	63.87 4.44 -9.01	55.67 4.30 -3.02	46.78 3.70 -1.99	40.62 3.73 -0.29	36.47 3.40 -0.01
NORTHPORT___4 23650	35.89 2.66 0.00	31.76 2.59 0.00	31.50 2.24 -1.64	31.53 2.25 0.00	32.99 2.27 0.00	36.41 2.66 0.00	44.04 3.30 0.00	47.18 3.94 0.00	46.49 4.37 -1.29	47.49 4.52 -1.92	46.91 3.76 -4.35	47.44 3.72 -1.45	46.94 3.68 -2.37	46.90 3.59 -3.81	46.00 3.67 -3.68	47.47 3.88 -2.30	48.47 3.81 -3.20	65.59 4.08 -18.07	58.96 4.34 -6.43	63.87 4.44 -9.01	55.67 4.30 -3.02	46.78 3.70 -1.99	40.62 3.73 -0.29	36.47 3.40 -0.01
NORTHPORT___IC 23718	35.56 2.33 0.00	31.50 2.33 0.00	31.25 1.99 -1.64	31.23 1.96 0.00	32.68 1.97 0.00	36.10 2.36 0.00	44.09 3.34 0.00	46.54 3.29 0.00	45.92 3.80 -1.29	46.71 3.74 -1.92	46.18 3.03 -4.37	46.84 3.09 -1.49	46.40 3.15 -2.36	46.24 2.96 -3.79	45.47 3.13 -3.70	46.81 3.22 -2.30	47.80 3.15 -3.19	64.74 3.39 -17.91	58.21 3.61 -6.40	62.99 3.63 -8.93	55.05 3.68 -3.02	46.16 3.08 -1.99	40.32 3.44 -0.28	36.23 3.17 -0.01
NORTH___COUNTRY_ESR 323785	32.14 -1.10 0.00	28.08 -1.08 0.00	26.82 -0.80 0.00	28.57 -0.70 0.00	29.92 -0.80 0.00	32.86 -0.88 0.00	39.85 -0.90 0.00	42.21 -1.04 0.00	39.89 -0.94 0.00	40.24 -0.82 0.00	37.90 -0.89 0.00	41.13 -1.14 0.00	39.71 -1.19 0.00	38.23 -1.27 0.00	37.29 -1.35 0.00	39.64 -1.65 0.00	39.88 -1.58 0.00	41.83 -1.61 0.00	46.41 -1.78 0.00	48.66 -1.77 0.00	46.47 -1.89 0.00	37.61 -1.77 1.71	25.45 -1.54 9.61	13.22 -1.42 18.41
NPX_GEN_1385_PROXY 323591	35.56 2.33 0.00	31.47 2.30 0.00	31.25 1.99 -1.64	31.26 1.99 0.00	32.68 1.97 0.00	36.10 2.36 0.00	43.52 2.77 0.00	46.58 3.33 0.00	45.80 3.68 -1.29	46.75 3.77 -1.92	46.30 3.14 -4.37	46.80 3.04 -1.49	46.24 2.98 -2.36	46.28 3.00 -3.79	45.51 3.17 -3.70	46.77 3.18 -2.30	47.80 3.15 -3.19	64.70 3.35 -17.91	58.21 3.62 -6.40	62.99 3.63 -8.93	54.95 3.58 -3.02	46.20 3.12 -1.99	40.36 3.48 -0.28	36.47 3.40 -0.01
NPX_GEN_CSC 323557	36.09 2.86 0.00	31.96 2.80 0.00	31.69 2.43 -1.64	31.76 2.49 0.00	33.17 2.46 0.00	36.67 2.93 0.00	44.29 3.54 0.00	47.44 4.19 0.00	46.74 4.61 -1.29	47.66 4.68 -1.92	47.42 3.96 -4.67	48.04 3.93 -1.84	47.42 3.84 -2.68	47.40 3.83 -4.08	46.62 3.86 -4.11	48.02 4.05 -2.68	49.00 4.02 -3.52	66.22 4.43 -18.35	59.81 4.73 -6.89	64.44 4.79 -9.22	56.51 4.64 -3.51	47.29 3.94 -2.25	41.03 4.10 -0.33	36.70 3.64 -0.01
NSINS_S_GLNS_FALLS 23858	35.09 1.86 0.00	31.00 1.84 0.00	31.39 1.71 -2.06	31.09 1.81 0.00	32.62 1.90 0.00	35.83 2.09 0.00	43.43 2.69 0.00	46.32 3.07 0.00	50.33 3.02 -6.48	53.45 2.87 -9.52	55.65 2.87 -13.99	45.27 3.00 0.00	43.80 2.90 0.00	42.37 2.88 0.00	41.35 2.70 0.00	45.86 2.97 -1.60	48.14 2.94 -3.74	49.40 2.91 -3.05	53.90 3.42 -2.28	56.82 3.58 -2.82	54.43 3.38 -2.69	46.58 3.00 -2.50	39.01 2.42 0.00	35.17 2.12 0.00
NUCOR_STEEL___DRP 24197	33.53 0.30 0.00	29.25 0.09 0.00	27.79 -0.03 -0.20	29.21 -0.06 0.00	30.72 0.00 0.00	33.81 0.07 0.00	41.56 0.81 0.00	44.16 0.91 0.00	40.75 -0.08 0.00	40.97 -0.08 0.00	38.79 0.00 0.00	42.10 -0.17 0.00	40.69 -0.20 0.00	39.29 -0.20 0.00	38.45 -0.19 0.00	41.17 -0.12 0.00	41.38 -0.17 -0.09	43.31 -0.13 0.00	48.15 -0.05 0.00	50.37 -0.05 0.00	48.26 -0.10 0.00	40.97 -0.12 0.00	36.41 -0.18 0.00	32.92 -0.13 0.00
NUMBER_THREE_WT_PWR 323818	32.70 -0.53 0.00	28.69 -0.47 0.00	27.24 -0.44 -0.06	28.84 -0.44 0.00	30.44 -0.28 0.00	33.57 -0.17 0.00	40.62 -0.12 0.00	42.99 -0.26 0.00	40.42 -0.41 0.00	40.36 -0.70 0.00	37.67 -1.13 0.00	40.91 -1.35 0.00	39.50 -1.39 0.00	38.19 -1.30 0.00	37.33 -1.31 0.00	39.97 -1.32 0.00	40.20 -1.29 -0.03	42.27 -1.17 0.00	47.28 -0.92 0.00	49.67 -0.75 0.00	47.73 -0.63 0.00	40.12 -0.62 0.35	33.89 -0.73 1.98	28.46 -0.79 3.80
NYISO_LBMP_REFERENCE 24008	33.23 0.00 0.00	29.16 0.00 0.00	27.62 0.00 0.00	29.27 0.00 0.00	30.72 0.00 0.00	33.74 0.00 0.00	40.74 0.00 0.00	43.25 0.00 0.00	40.83 0.00 0.00	41.06 0.00 0.00	38.79 0.00 0.00	42.27 0.00 0.00	40.89 0.00 0.00	39.49 0.00 0.00	38.64 0.00 0.00	41.29 0.00 0.00	41.46 0.00 0.00	43.44 0.00 0.00	48.20 0.00 0.00	50.42 0.00 0.00	48.36 0.00 0.00	41.09 0.00 0.00	36.60 0.00 0.00	33.05 0.00 0.00
NYPA_BRENTWD____GT 24164	35.96 2.73 0.00	31.82 2.65 0.00	31.55 2.29 -1.64	31.59 2.31 0.00	33.02 2.30 0.00	36.47 2.73 0.00	44.09 3.34 0.00	47.14 3.89 0.00	46.45 4.33 -1.29	47.46 4.48 -1.93	47.60 3.76 -5.05	48.29 3.72 -2.30	47.64 3.68 -3.07	47.59 3.67 -4.43	47.04 3.75 -4.65	48.31 3.88 -3.14	49.23 3.86 -3.92	66.52 4.21 -18.87	60.15 4.48 -7.47	64.58 4.59 -9.57	56.90 4.45 -4.09	47.48 3.82 -2.57	40.98 3.99 -0.40	36.60 3.54 -0.01

OAKDALE___35_KV_LOAD 356122	33.50 0.27 0.00	29.31 0.15 0.00	28.06 -0.08 -0.52	29.19 -0.09 0.00	30.72 0.00 0.00	33.77 0.03 0.00	40.87 0.12 0.00	43.25 0.00 0.00	40.87 0.04 0.00	41.06 0.00 0.00	38.91 0.12 0.00	42.22 -0.04 0.00	40.81 -0.08 0.00	39.45 -0.04 0.00	38.64 0.00 0.00	41.25 -0.04 0.00	41.53 -0.17 -0.24	43.40 -0.04 0.00	48.20 0.00 0.00	50.48 0.05 0.00	48.31 -0.05 0.00	41.17 0.08 0.00	36.60 0.00 0.00	33.12 0.07 0.00
OCC_CHEM___DRP 24175	32.44 -0.80 0.00	27.70 -1.46 0.00	26.07 -1.80 -0.25	27.37 -1.90 0.00	28.93 -1.78 0.00	31.58 -2.16 0.00	37.61 -3.14 0.00	38.79 -4.45 0.00	37.07 -3.76 0.00	37.11 -3.94 0.00	35.49 -3.30 0.00	38.34 -3.93 0.00	37.01 -3.88 0.00	35.74 -3.75 0.00	35.01 -3.63 0.00	37.29 -4.01 0.00	37.34 -4.23 -0.11	38.88 -4.56 0.00	43.09 -5.11 0.00	45.33 -5.09 0.00	43.23 -5.13 0.00	37.19 -3.90 0.00	33.49 -3.11 0.00	30.77 -2.28 0.00
OH_GEN_PROXY 24063	32.37 -0.86 0.00	27.68 -1.49 0.00	26.07 -1.79 -0.25	27.37 -1.90 0.00	28.90 -1.81 0.00	31.72 -2.02 0.00	37.93 -2.81 0.00	39.18 -4.07 0.00	37.40 -3.43 0.00	37.32 -3.74 0.00	35.57 -3.22 0.00	38.59 -3.68 0.00	37.33 -3.56 0.00	36.09 -3.40 0.00	35.36 -3.28 0.00	37.70 -3.59 0.00	37.63 -3.94 -0.11	39.27 -4.17 0.00	43.57 -4.63 0.00	45.84 -4.59 0.00	44.10 -4.26 0.00	37.64 -3.45 0.00	33.74 -2.85 0.00	31.00 -2.05 0.00
OLIN_CORP_DRP 24177	32.17 -1.06 0.00	27.41 -1.75 0.00	25.77 -2.10 -0.25	27.05 -2.22 0.00	28.63 -2.09 0.00	31.38 -2.36 0.00	37.48 -3.26 0.00	38.71 -4.54 0.00	36.99 -3.84 0.00	36.99 -4.06 0.00	35.42 -3.37 0.00	38.21 -4.06 0.00	36.88 -4.01 0.00	35.62 -3.87 0.00	34.89 -3.75 0.00	37.16 -4.13 0.00	37.18 -4.39 -0.11	38.79 -4.65 0.00	42.99 -5.21 0.00	45.23 -5.19 0.00	43.18 -5.17 0.00	37.14 -3.94 0.00	33.41 -3.18 0.00	30.67 -2.38 0.00
OLIN_CORP_DSASP 323712	32.44 -0.80 0.00	27.71 -1.46 0.00	26.07 -1.79 -0.25	27.37 -1.90 0.00	28.93 -1.78 0.00	31.58 -2.16 0.00	37.61 -3.14 0.00	38.80 -4.45 0.00	37.07 -3.76 0.00	36.95 -4.11 0.00	35.26 -3.53 0.00	38.21 -4.06 0.00	36.97 -3.93 0.00	35.74 -3.75 0.00	35.01 -3.63 0.00	37.33 -3.96 0.00	37.26 -4.31 -0.11	38.84 -4.61 0.00	43.09 -5.11 0.00	45.28 -5.14 0.00	43.67 -4.69 0.00	37.27 -3.82 0.00	33.45 -3.15 0.00	30.77 -2.28 0.00
ONEIDA_HERK_LFGE 323681	33.40 0.17 0.00	29.31 0.15 0.00	27.78 0.11 -0.05	29.39 0.12 0.00	30.99 0.28 0.00	34.11 0.37 0.00	41.27 0.53 0.00	43.77 0.52 0.00	41.24 0.41 0.00	41.30 0.25 0.00	38.83 0.04 0.00	42.22 -0.04 0.00	40.81 -0.08 0.00	39.41 -0.08 0.00	38.57 -0.08 0.00	41.29 0.00 0.00	41.48 0.00 -0.02	43.53 0.09 0.00	48.54 0.34 0.00	50.88 0.45 0.00	48.84 0.48 0.00	41.35 0.37 0.11	36.18 0.18 0.60	31.96 0.07 1.15
ONEIDA___115KV_TB4 55905	33.87 0.63 0.00	29.72 0.55 0.00	28.16 0.44 -0.10	29.71 0.44 0.00	31.33 0.61 0.00	34.48 0.74 0.00	41.76 1.02 0.00	44.24 0.99 0.00	41.69 0.86 0.00	41.80 0.74 0.00	39.45 0.66 0.00	42.90 0.63 0.00	41.46 0.57 0.00	40.08 0.59 0.00	39.18 0.54 0.00	41.95 0.66 0.00	42.16 0.66 -0.04	44.27 0.83 0.00	49.26 1.06 0.00	51.63 1.21 0.00	49.56 1.21 0.00	42.08 0.99 0.00	37.33 0.73 0.00	33.65 0.59 0.00
ONONDAGA_REF_OCCRA 23987	33.27 0.03 0.00	29.08 -0.09 0.00	27.63 -0.17 -0.18	29.04 -0.23 0.00	30.53 -0.18 0.00	33.61 -0.13 0.00	40.83 0.08 0.00	43.21 -0.04 0.00	40.58 -0.24 0.00	40.85 -0.21 0.00	38.68 -0.12 0.00	42.01 -0.25 0.00	40.65 -0.25 0.00	39.25 -0.24 0.00	38.45 -0.19 0.00	41.09 -0.21 0.00	41.29 -0.25 -0.08	43.18 -0.26 0.00	48.00 -0.19 0.00	50.17 -0.25 0.00	48.11 -0.24 0.00	40.88 -0.21 0.00	36.34 -0.26 0.00	32.82 -0.23 0.00
ONONDAGA___COGEN 23986	33.30 0.07 0.00	29.10 -0.06 0.00	27.65 -0.14 -0.17	29.07 -0.20 0.00	30.56 -0.15 0.00	33.64 -0.10 0.00	41.15 0.41 0.00	43.64 0.39 0.00	40.50 -0.33 0.00	40.77 -0.29 0.00	38.60 -0.19 0.00	41.97 -0.30 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.37 -0.27 0.00	41.05 -0.25 0.00	41.24 -0.29 -0.07	43.09 -0.35 0.00	47.86 -0.34 0.00	50.07 -0.35 0.00	47.97 -0.39 0.00	40.76 -0.33 0.00	36.23 -0.37 0.00	32.72 -0.33 0.00
ONTARIO___LFGE 23819	33.63 0.40 0.00	29.10 -0.06 0.00	27.58 -0.28 -0.24	28.98 -0.29 0.00	30.53 -0.18 0.00	33.67 -0.07 0.00	40.95 0.20 0.00	44.29 1.04 0.00	41.28 0.45 0.00	41.35 0.29 0.00	39.14 0.35 0.00	42.27 0.00 0.00	40.77 -0.12 0.00	39.45 -0.04 0.00	38.64 0.00 0.00	41.29 0.00 0.00	41.46 -0.12 -0.13	43.57 0.13 0.00	48.68 0.48 0.00	50.68 0.25 0.00	48.94 0.58 0.00	41.50 0.41 0.00	36.71 0.11 0.00	33.18 0.13 0.00
ORANGEVILLE_WT_PWR 323706	32.77 -0.47 0.00	28.08 -1.08 0.00	26.40 -1.52 -0.30	27.78 -1.49 0.00	29.40 -1.32 0.00	32.32 -1.42 0.00	38.83 -1.91 0.00	40.44 -2.81 0.00	38.38 -2.45 0.00	38.31 -2.75 0.00	36.42 -2.37 0.00	39.35 -2.92 0.00	38.03 -2.86 0.00	36.77 -2.72 0.00	36.05 -2.59 0.00	38.44 -2.85 0.00	38.40 -3.19 -0.14	40.36 -3.08 0.00	44.87 -3.33 0.00	47.20 -3.23 0.00	45.31 -3.04 0.00	38.58 -2.51 0.00	34.36 -2.23 0.00	31.37 -1.68 0.00
ORANGEVILLE___ESR 323794	32.77 -0.47 0.00	28.08 -1.08 0.00	26.40 -1.52 -0.30	27.78 -1.49 0.00	29.40 -1.32 0.00	32.32 -1.42 0.00	38.83 -1.91 0.00	40.44 -2.81 0.00	38.38 -2.45 0.00	38.31 -2.75 0.00	36.42 -2.37 0.00	39.35 -2.92 0.00	38.03 -2.86 0.00	36.77 -2.72 0.00	36.05 -2.59 0.00	38.44 -2.85 0.00	38.40 -3.19 -0.14	40.36 -3.08 0.00	44.87 -3.33 0.00	47.20 -3.23 0.00	45.31 -3.04 0.00	38.58 -2.51 0.00	34.36 -2.23 0.00	31.37 -1.68 0.00
OSWEGATCHIE___HYD 24044	31.67 -1.56 0.00	27.73 -1.43 0.00	26.39 -1.27 -0.04	28.10 -1.17 0.00	29.58 -1.14 0.00	32.56 -1.18 0.00	39.44 -1.31 0.00	41.69 -1.56 0.00	39.24 -1.59 0.00	39.29 -1.76 0.00	36.82 -1.98 0.00	40.03 -2.24 0.00	38.64 -2.25 0.00	37.32 -2.17 0.00	36.44 -2.20 0.00	38.94 -2.35 0.00	39.20 -2.28 -0.02	41.18 -2.26 0.00	45.93 -2.26 0.00	48.26 -2.17 0.00	46.33 -2.03 0.00	38.36 -1.81 0.92	29.73 -1.72 5.15	21.53 -1.65 9.87
OSWEGO___5 23606	32.74 -0.50 0.00	28.64 -0.52 0.00	27.16 -0.58 -0.12	28.63 -0.64 0.00	30.10 -0.61 0.00	33.07 -0.67 0.00	39.81 -0.94 0.00	42.08 -1.17 0.00	39.81 -1.02 0.00	40.03 -1.02 0.00	37.86 -0.93 0.00	41.21 -1.06 0.00	39.83 -1.06 0.00	38.50 -0.99 0.00	37.68 -0.96 0.00	40.26 -1.03 0.00	40.47 -1.03 -0.05	42.36 -1.08 0.00	47.04 -1.16 0.00	49.17 -1.26 0.00	47.19 -1.16 0.00	40.10 -0.99 0.00	35.64 -0.95 0.00	32.23 -0.82 0.00
OSWEGO___6 23613	32.74 -0.50 0.00	28.64 -0.52 0.00	27.16 -0.58 -0.12	28.63 -0.64 0.00	30.10 -0.61 0.00	33.07 -0.67 0.00	39.81 -0.94 0.00	42.08 -1.17 0.00	39.81 -1.02 0.00	40.03 -1.02 0.00	37.86 -0.93 0.00	41.21 -1.06 0.00	39.83 -1.06 0.00	38.50 -0.99 0.00	37.68 -0.96 0.00	40.26 -1.03 0.00	40.47 -1.03 -0.05	42.36 -1.08 0.00	47.04 -1.16 0.00	49.17 -1.26 0.00	47.19 -1.16 0.00	40.10 -0.99 0.00	35.64 -0.95 0.00	32.23 -0.82 0.00

OUTOKUMPU-AB___DRP 24206	33.03 -0.20 0.00	28.05 -1.11 0.00	26.33 -1.55 -0.26	27.69 -1.58 0.00	29.33 -1.38 0.00	32.09 -1.65 0.00	38.34 -2.40 0.00	39.66 -3.59 0.00	37.93 -2.90 0.00	37.94 -3.12 0.00	36.35 -2.44 0.00	39.22 -3.04 0.00	37.83 -3.07 0.00	36.53 -2.96 0.00	35.78 -2.86 0.00	38.11 -3.18 0.00	38.05 -3.52 -0.11	39.79 -3.65 0.00	44.10 -4.10 0.00	46.39 -4.03 0.00	44.29 -4.06 0.00	38.09 -3.00 0.00	34.22 -2.38 0.00	31.33 -1.72 0.00
OXBOW___BTM 323836	32.80 -0.43 0.00	27.91 -1.25 0.00	26.24 -1.63 -0.25	27.55 -1.73 0.00	29.18 -1.53 0.00	31.88 -1.86 0.00	38.05 -2.69 0.00	39.27 -3.98 0.00	37.56 -3.27 0.00	37.44 -3.61 0.00	35.73 -3.07 0.00	38.72 -3.55 0.00	37.46 -3.43 0.00	36.21 -3.28 0.00	35.47 -3.17 0.00	37.82 -3.47 0.00	37.67 -3.90 -0.11	39.40 -4.04 0.00	43.66 -4.53 0.00	45.94 -4.49 0.00	44.25 -4.11 0.00	37.80 -3.29 0.00	33.85 -2.75 0.00	31.10 -1.95 0.00
OXBOW___ 24026	32.80 -0.43 0.00	27.91 -1.25 0.00	26.24 -1.63 -0.25	27.55 -1.73 0.00	29.18 -1.54 0.00	31.88 -1.86 0.00	38.01 -2.73 0.00	39.27 -3.98 0.00	37.56 -3.27 0.00	37.57 -3.49 0.00	36.00 -2.79 0.00	38.84 -3.42 0.00	37.46 -3.43 0.00	36.21 -3.28 0.00	35.47 -3.17 0.00	37.74 -3.55 0.00	37.76 -3.81 -0.11	39.40 -4.04 0.00	43.67 -4.53 0.00	45.94 -4.49 0.00	43.86 -4.50 0.00	37.72 -3.37 0.00	33.93 -2.67 0.00	31.10 -1.95 0.00
OXY_CHEM_DSASP 323612	32.44 -0.80 0.00	27.70 -1.46 0.00	26.07 -1.80 -0.25	27.37 -1.90 0.00	28.93 -1.78 0.00	31.58 -2.16 0.00	37.61 -3.14 0.00	38.79 -4.45 0.00	37.07 -3.76 0.00	37.11 -3.94 0.00	35.49 -3.30 0.00	38.34 -3.93 0.00	37.01 -3.88 0.00	35.74 -3.75 0.00	35.01 -3.63 0.00	37.29 -4.01 0.00	37.34 -4.23 -0.11	38.88 -4.56 0.00	43.09 -5.11 0.00	45.33 -5.09 0.00	43.23 -5.13 0.00	37.19 -3.90 0.00	33.49 -3.11 0.00	30.77 -2.28 0.00
OZONE_PARK_ESR 323760	35.36 2.13 0.00	31.26 2.10 0.00	31.05 1.80 -1.64	31.09 1.81 0.00	32.56 1.84 0.00	35.83 2.09 0.00	43.76 3.02 0.00	46.93 3.68 0.00	46.04 3.92 -1.29	46.97 4.02 -1.89	45.21 3.65 -2.77	46.03 3.76 0.00	44.65 3.76 0.00	43.04 3.55 0.00	42.20 3.56 0.00	45.27 3.80 -0.18	46.29 3.77 -1.06	47.83 4.04 -0.35	52.75 4.29 -0.26	55.13 4.39 -0.32	52.97 4.30 -0.31	44.91 3.53 -0.29	39.74 3.15 0.00	35.76 2.71 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.44 -0.80 0.00	27.70 -1.46 0.00	26.07 -1.80 -0.25	27.37 -1.90 0.00	28.93 -1.78 0.00	31.58 -2.16 0.00	37.61 -3.14 0.00	38.79 -4.45 0.00	37.07 -3.76 0.00	37.11 -3.94 0.00	35.49 -3.30 0.00	38.34 -3.93 0.00	37.01 -3.88 0.00	35.74 -3.75 0.00	35.01 -3.63 0.00	37.29 -4.01 0.00	37.34 -4.23 -0.11	38.88 -4.56 0.00	43.09 -5.11 0.00	45.33 -5.09 0.00	43.23 -5.13 0.00	37.19 -3.90 0.00	33.49 -3.11 0.00	30.77 -2.28 0.00
PACKARD___115KV_DUPONT_184 80571	32.44 -0.80 0.00	27.70 -1.46 0.00	26.07 -1.80 -0.25	27.37 -1.90 0.00	28.93 -1.78 0.00	31.58 -2.16 0.00	37.61 -3.14 0.00	38.79 -4.45 0.00	37.07 -3.76 0.00	37.11 -3.94 0.00	35.49 -3.30 0.00	38.34 -3.93 0.00	37.01 -3.88 0.00	35.74 -3.75 0.00	35.01 -3.63 0.00	37.29 -4.01 0.00	37.34 -4.23 -0.11	38.88 -4.56 0.00	43.09 -5.11 0.00	45.33 -5.09 0.00	43.23 -5.13 0.00	37.19 -3.90 0.00	33.49 -3.11 0.00	30.77 -2.28 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.96 1.73 0.00	30.88 1.72 0.00	30.67 1.41 -1.64	30.77 1.49 0.00	32.22 1.51 0.00	35.46 1.72 0.00	43.27 2.53 0.00	46.36 3.11 0.00	45.55 3.43 -1.29	46.48 3.53 -1.89	44.71 3.14 -2.77	45.35 3.09 0.00	44.08 3.19 0.00	42.53 3.04 0.00	41.62 2.98 0.00	44.74 3.26 -0.18	45.75 3.23 -1.06	47.22 3.43 -0.35	52.07 3.61 -0.26	54.48 3.73 -0.32	52.34 3.68 -0.31	44.37 3.00 -0.29	39.27 2.67 0.00	35.36 2.31 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.13 1.89 0.00	31.06 1.90 0.00	30.86 1.60 -1.64	30.97 1.70 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.56 2.81 0.00	46.62 3.37 0.00	45.79 3.67 -1.29	46.68 3.74 -1.89	44.86 3.30 -2.77	45.48 3.21 0.00	44.20 3.31 0.00	42.61 3.12 0.00	41.70 3.05 0.00	44.82 3.34 -0.18	45.83 3.32 -1.06	47.35 3.56 -0.35	52.22 3.76 -0.26	54.63 3.88 -0.32	52.48 3.82 -0.31	44.50 3.12 -0.29	39.38 2.78 0.00	35.43 2.38 0.00
PATROON___115KV_TB1 80586	34.03 0.80 0.00	30.12 0.96 0.00	30.49 0.86 -2.02	30.18 0.91 0.00	31.61 0.89 0.00	34.69 0.94 0.00	41.93 1.18 0.00	44.76 1.51 0.00	45.45 1.76 -2.87	47.04 1.77 -4.22	46.69 1.71 -6.19	43.75 1.48 0.00	42.45 1.55 0.00	41.03 1.54 0.00	40.11 1.47 0.00	43.58 1.65 -0.64	45.10 1.62 -2.03	46.26 1.61 -1.21	50.84 1.74 -0.91	53.26 1.71 -1.12	51.12 1.69 -1.07	43.69 1.60 -0.99	37.95 1.35 0.00	34.24 1.19 0.00
PATTRSNVILLE___SOLAR 323815	34.63 1.40 0.00	30.56 1.40 0.00	31.06 1.33 -2.12	30.65 1.38 0.00	32.16 1.44 0.00	35.33 1.59 0.00	42.66 1.92 0.00	45.33 2.08 0.00	47.86 1.88 -5.16	50.40 1.76 -7.58	51.62 1.70 -11.13	44.17 1.90 0.00	42.73 1.84 0.00	41.31 1.82 0.00	40.34 1.70 0.00	44.12 1.86 -0.97	46.03 1.91 -2.66	47.29 2.00 -1.85	51.95 2.36 -1.39	54.61 2.47 -1.71	52.36 2.37 -1.63	44.74 2.14 -1.52	38.46 1.87 0.00	34.70 1.65 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.77 -0.47 0.00	27.85 -1.31 0.00	25.80 -2.10 -0.28	27.43 -1.84 0.00	29.06 -1.66 0.00	31.95 -1.79 0.00	38.38 -2.36 0.00	39.88 -3.37 0.00	38.05 -2.78 0.00	38.06 -3.00 0.00	36.43 -2.37 0.00	39.35 -2.92 0.00	37.95 -2.94 0.00	36.65 -2.84 0.00	35.90 -2.74 0.00	38.24 -3.06 0.00	37.77 -3.81 -0.13	40.05 -3.39 0.00	44.39 -3.81 0.00	46.79 -3.63 0.00	44.58 -3.77 0.00	38.34 -2.75 0.00	34.29 -2.31 0.00	31.33 -1.72 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.06 1.83 0.00	31.03 1.87 0.00	30.88 1.60 -1.65	30.94 1.67 0.00	32.38 1.66 0.00	35.60 1.86 0.00	43.35 2.61 0.00	46.41 3.16 0.00	45.46 3.43 -1.20	46.36 3.53 -1.77	44.65 3.26 -2.60	45.56 3.30 0.00	44.12 3.23 0.00	42.57 3.08 0.00	41.66 3.01 0.00	44.75 3.30 -0.15	45.75 3.28 -1.01	47.12 3.39 -0.29	52.13 3.71 -0.22	54.53 3.83 -0.27	52.39 3.77 -0.26	44.45 3.12 -0.24	39.38 2.78 0.00	35.43 2.38 0.00
PEEKSKILL___ 23653	34.80 1.56 0.00	30.79 1.63 0.00	30.65 1.41 -1.62	30.71 1.43 0.00	32.13 1.41 0.00	35.33 1.59 0.00	42.98 2.24 0.00	46.10 2.85 0.00	45.20 3.10 -1.27	46.12 3.20 -1.86	44.51 2.99 -2.73	45.27 3.00 0.00	43.84 2.95 0.00	42.34 2.84 0.00	41.50 2.86 0.00	44.49 3.01 -0.18	45.53 3.02 -1.04	47.00 3.21 -0.34	51.88 3.42 -0.26	54.27 3.53 -0.32	52.09 3.43 -0.30	44.29 2.92 -0.28	39.12 2.52 0.00	35.17 2.12 0.00
PGE MADISON___WINDPWR 24146	35.19 1.96 0.00	30.85 1.69 0.00	29.53 1.41 -0.50	30.74 1.46 0.00	32.62 1.91 0.00	36.07 2.33 0.00	43.76 3.02 0.00	46.37 3.12 0.00	43.52 2.69 0.00	43.35 2.30 0.00	40.96 2.17 0.00	44.30 2.03 0.00	42.53 1.64 0.00	41.03 1.54 0.00	40.15 1.51 0.00	43.07 1.77 0.00	43.39 1.70 -0.23	45.61 2.17 0.00	51.04 2.84 0.00	53.55 3.13 0.00	51.45 3.10 0.00	43.64 2.55 0.00	38.46 1.87 0.00	34.67 1.62 0.00

PIERCEFIELD___HYD 23852	31.41 -1.83 0.00	27.44 -1.72 0.00	26.18 -1.44 0.00	28.07 -1.20 0.00	29.43 -1.29 0.00	32.36 -1.38 0.00	39.20 -1.55 0.00	41.30 -1.95 0.00	38.95 -1.88 0.00	39.17 -1.89 0.00	36.85 -1.94 0.00	40.03 -2.24 0.00	38.73 -2.17 0.00	37.32 -2.17 0.00	36.44 -2.20 0.00	38.82 -2.48 0.00	39.05 -2.40 0.00	41.01 -2.43 0.00	45.55 -2.65 0.00	47.85 -2.57 0.00	45.79 -2.56 0.00	37.48 -2.22 1.39	26.84 -1.98 7.78	16.31 -1.82 14.93
PINELAWN_CC_1 323563	35.86 2.62 0.00	31.73 2.57 0.00	31.47 2.21 -1.64	31.50 2.22 0.00	32.96 2.24 0.00	36.37 2.63 0.00	44.01 3.26 0.00	47.14 3.89 0.00	46.41 4.29 -1.30	47.41 4.40 -1.96	49.94 3.65 -7.51	51.12 3.59 -5.26	50.04 3.56 -5.59	49.66 3.51 -6.66	50.30 3.59 -8.06	51.22 3.80 -6.14	51.73 3.77 -6.50	69.38 4.08 -21.86	63.82 4.39 -11.24	66.56 4.49 -11.64	60.65 4.35 -7.94	49.40 3.70 -4.62	41.17 3.81 -0.77	36.47 3.40 -0.01
PJM_GEN_HTTP_PROXY 323702	35.09 1.86 0.00	31.03 1.87 0.00	30.86 1.60 -1.64	30.88 1.61 0.00	32.34 1.63 0.00	35.59 1.85 0.00	43.39 2.65 0.00	46.58 3.33 0.00	45.71 3.59 -1.29	46.64 3.70 -1.89	44.94 3.37 -2.78	45.69 3.42 0.00	44.28 3.39 0.00	42.73 3.24 0.00	41.93 3.28 0.00	44.90 3.43 -0.18	45.92 3.40 -1.06	47.48 3.69 -0.35	52.27 3.81 -0.26	54.68 3.94 -0.32	52.48 3.82 -0.31	44.58 3.21 -0.29	39.41 2.82 0.00	35.50 2.45 0.00
PJM_GEN_KEystone 24065	33.60 0.37 0.00	29.37 0.21 0.00	28.26 -0.30 -0.94	28.98 -0.29 0.00	30.47 -0.25 0.00	33.51 -0.23 0.00	40.58 -0.16 0.00	42.95 -0.30 0.00	41.52 0.04 -0.65	41.93 -0.08 -0.96	40.27 0.08 -1.40	42.14 -0.13 0.00	40.77 -0.12 0.00	39.37 -0.12 0.00	38.60 -0.04 0.00	41.17 -0.12 0.00	41.55 -0.33 -0.42	43.27 -0.17 0.00	47.96 -0.24 0.00	50.32 -0.10 0.00	48.21 -0.14 0.00	41.13 0.04 0.00	36.56 -0.04 0.00	33.35 0.30 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.46 2.23 0.00	31.38 2.22 0.00	31.14 1.88 -1.64	31.17 1.90 0.00	32.59 1.87 0.00	35.97 2.23 0.00	43.55 2.81 0.00	46.67 3.42 0.00	45.96 3.84 -1.29	46.90 3.94 -1.90	45.07 3.18 -3.10	45.27 3.13 0.13	45.07 3.11 -1.08	45.16 3.04 -2.63	43.57 3.13 -1.80	45.38 3.30 -0.78	46.57 3.24 -1.88	63.10 3.48 -16.19	56.30 3.66 -4.44	61.94 3.73 -7.78	53.06 3.63 -1.07	45.12 3.08 -0.95	39.89 3.22 -0.07	36.00 2.94 -0.01
PJM_GEN_VFT_PROXY 323633	34.99 1.76 0.00	30.94 1.78 0.00	30.77 1.52 -1.64	30.79 1.52 0.00	32.25 1.54 0.00	34.96 1.72 0.50	40.44 2.53 2.83	41.78 3.20 4.67	40.46 3.51 3.88	41.57 3.61 3.10	42.65 3.26 -0.60	40.94 3.30 4.63	41.42 3.31 2.78	41.32 3.16 1.33	40.80 3.21 1.05	42.02 3.30 2.58	41.81 3.32 2.96	41.64 3.56 5.36	45.56 3.66 6.30	49.50 3.78 4.71	51.05 3.63 0.94	42.73 3.16 1.52	38.38 2.78 1.00	35.43 2.38 0.00
PLATSBURG_115KV_PMLD1 355749	32.57 -0.66 0.00	28.46 -0.70 0.00	27.18 -0.44 0.00	28.95 -0.32 0.00	30.29 -0.43 0.00	33.67 -0.07 0.00	40.91 0.16 0.00	43.29 0.04 0.00	40.95 0.12 0.00	41.26 0.21 0.00	38.91 0.12 0.00	42.18 -0.08 0.00	40.69 -0.20 0.00	39.14 -0.36 0.00	38.18 -0.46 0.00	40.55 -0.74 0.00	40.80 -0.66 0.00	42.79 -0.65 0.00	47.52 -0.67 0.00	49.87 -0.55 0.00	47.58 -0.77 0.00	38.48 -0.86 1.75	26.04 -0.77 9.79	13.59 -0.73 18.73
PLEASANTVLY___LBMP 24000	34.70 1.46 0.00	30.71 1.55 0.00	30.69 1.35 -1.72	30.62 1.35 0.00	32.07 1.35 0.00	35.26 1.52 0.00	42.78 2.04 0.00	45.80 2.55 0.00	45.15 2.82 -1.50	46.13 2.87 -2.20	44.67 2.64 -3.24	44.89 2.62 0.00	43.51 2.62 0.00	41.98 2.49 0.00	41.15 2.51 0.00	44.20 2.68 -0.23	45.32 2.69 -1.17	46.70 2.82 -0.43	51.56 3.04 -0.32	53.95 3.13 -0.40	51.78 3.05 -0.38	44.03 2.59 -0.35	38.87 2.27 0.00	35.03 1.98 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.03 1.79 0.00	30.97 1.81 0.00	30.84 1.57 -1.65	30.85 1.58 0.00	32.31 1.60 0.00	35.53 1.79 0.00	43.27 2.53 0.00	46.36 3.11 0.00	45.50 3.39 -1.29	46.39 3.45 -1.89	44.67 3.10 -2.77	45.44 3.17 0.00	44.04 3.15 0.00	42.49 3.00 0.00	41.66 3.01 0.00	44.70 3.22 -0.18	45.71 3.19 -1.06	47.18 3.39 -0.35	52.07 3.61 -0.26	54.48 3.73 -0.32	52.34 3.68 -0.31	44.41 3.04 -0.28	39.30 2.71 0.00	35.40 2.35 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	35.03 1.79 0.00	30.97 1.81 0.00	30.84 1.57 -1.65	30.85 1.58 0.00	32.31 1.60 0.00	35.53 1.79 0.00	43.27 2.53 0.00	46.36 3.11 0.00	45.50 3.39 -1.29	46.39 3.45 -1.89	44.67 3.10 -2.77	45.44 3.17 0.00	44.04 3.15 0.00	42.49 3.00 0.00	41.66 3.01 0.00	44.70 3.22 -0.18	45.71 3.19 -1.06	47.18 3.39 -0.35	52.07 3.61 -0.26	54.48 3.73 -0.32	52.34 3.68 -0.31	44.41 3.04 -0.28	39.30 2.71 0.00	35.40 2.35 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.86 1.63 0.00	30.85 1.69 0.00	30.78 1.49 -1.67	30.80 1.52 0.00	32.22 1.51 0.00	35.43 1.69 0.00	43.03 2.28 0.00	46.10 2.85 0.00	45.02 3.06 -1.13	45.80 3.08 -1.66	44.03 2.79 -2.44	45.06 2.79 0.00	43.67 2.78 0.00	42.14 2.65 0.00	41.27 2.63 0.00	44.10 2.81 0.00	45.02 2.82 -0.75	46.39 2.95 0.00	51.43 3.23 0.00	53.80 3.38 0.00	51.64 3.29 0.00	43.84 2.75 0.00	39.05 2.45 0.00	35.17 2.12 0.00
POLETTI_____ 23519	35.03 1.79 0.00	31.00 1.84 0.00	30.83 1.57 -1.64	30.85 1.58 0.00	32.31 1.60 0.00	35.53 1.79 0.00	43.39 2.65 0.00	46.49 3.24 0.00	45.67 3.55 -1.29	46.60 3.65 -1.89	44.83 3.26 -2.77	45.61 3.34 0.00	44.25 3.35 0.00	42.65 3.16 0.00	41.85 3.21 0.00	44.86 3.39 -0.18	45.87 3.36 -1.06	47.40 3.61 -0.35	52.22 3.76 -0.26	54.58 3.83 -0.32	52.44 3.77 -0.31	44.50 3.12 -0.29	39.38 2.78 0.00	35.46 2.41 0.00
POMONA___ESR 323819	34.80 1.56 0.00	30.79 1.63 0.00	30.61 1.41 -1.59	30.68 1.41 0.00	32.13 1.41 0.00	35.36 1.62 0.00	43.07 2.32 0.00	46.15 2.90 0.00	45.17 3.14 -1.20	46.06 3.24 -1.76	44.41 3.03 -2.59	45.35 3.08 0.00	43.92 3.03 0.00	42.37 2.88 0.00	41.54 2.90 0.00	44.52 3.06 -0.17	45.53 3.07 -1.01	47.02 3.26 -0.32	51.91 3.47 -0.24	54.35 3.63 -0.29	52.12 3.48 -0.28	44.31 2.96 -0.26	39.16 2.56 0.00	35.23 2.18 0.00
PORT_JEFF_3 23555	35.96 2.73 0.00	31.84 2.68 0.00	31.58 2.32 -1.64	31.62 2.34 0.00	33.05 2.33 0.00	36.51 2.77 0.00	44.04 3.30 0.00	47.18 3.94 0.00	46.49 4.37 -1.29	47.46 4.48 -1.92	47.28 3.80 -4.68	47.88 3.76 -1.85	47.27 3.68 -2.69	47.25 3.67 -4.09	46.51 3.75 -4.13	47.91 3.92 -2.69	48.89 3.90 -3.53	66.07 4.26 -18.36	59.63 4.53 -6.90	64.14 4.49 -9.23	56.23 4.35 -3.52	47.17 3.82 -2.26	40.96 4.03 -0.34	36.63 3.57 -0.01
PORT_JEFF_4 23616	35.96 2.73 0.00	31.84 2.68 0.00	31.58 2.32 -1.64	31.62 2.34 0.00	33.05 2.33 0.00	36.51 2.77 0.00	44.04 3.30 0.00	47.18 3.94 0.00	46.49 4.37 -1.29	47.46 4.48 -1.92	47.28 3.80 -4.68	47.88 3.76 -1.85	47.27 3.68 -2.69	47.25 3.67 -4.09	46.51 3.75 -4.13	47.91 3.92 -2.69	48.89 3.90 -3.53	66.07 4.26 -18.36	59.63 4.53 -6.90	64.14 4.49 -9.23	56.23 4.35 -3.52	47.17 3.82 -2.26	40.96 4.03 -0.34	36.63 3.57 -0.01

PORT_JEFF_IC 23713	36.03 2.79 0.00	31.87 2.71 0.00	31.61 2.35 -1.64	31.62 2.34 0.00	33.08 2.37 0.00	36.57 2.83 0.00	44.74 3.99 0.00	47.36 4.11 0.00	46.66 4.53 -1.29	47.46 4.48 -1.93	47.26 3.72 -4.75	48.09 3.89 -1.93	47.54 3.88 -2.76	47.35 3.71 -4.15	46.65 3.79 -4.22	48.07 4.01 -2.77	49.00 3.94 -3.60	66.20 4.30 -18.46	59.83 4.63 -7.00	64.21 4.49 -9.30	56.67 4.69 -3.62	47.26 3.86 -2.31	41.01 4.06 -0.35	36.66 3.60 -0.01
PPL PILGRIM_ST_GT1 24216	35.96 2.73 0.00	31.82 2.65 0.00	31.55 2.29 -1.64	31.59 2.31 0.00	33.02 2.30 0.00	36.47 2.73 0.00	44.09 3.34 0.00	47.14 3.89 0.00	46.45 4.33 -1.29	47.46 4.48 -1.93	47.60 3.76 -5.05	48.29 3.72 -2.30	47.64 3.68 -3.07	47.59 3.67 -4.43	47.04 3.75 -4.65	48.31 3.88 -3.14	49.23 3.86 -3.92	66.52 4.21 -18.87	60.15 4.48 -7.47	64.58 4.59 -9.57	56.90 4.45 -4.09	47.48 3.82 -2.57	40.98 3.99 -0.40	36.60 3.54 -0.01
PPL PILGRIM_ST_GT2 24217	35.96 2.73 0.00	31.82 2.65 0.00	31.55 2.29 -1.64	31.59 2.31 0.00	33.02 2.30 0.00	36.47 2.73 0.00	44.09 3.34 0.00	47.14 3.89 0.00	46.45 4.33 -1.29	47.46 4.48 -1.93	47.60 3.76 -5.05	48.29 3.72 -2.30	47.64 3.68 -3.07	47.59 3.67 -4.43	47.04 3.75 -4.65	48.31 3.88 -3.14	49.23 3.86 -3.92	66.52 4.21 -18.87	60.15 4.48 -7.47	64.58 4.59 -9.57	56.90 4.45 -4.09	47.48 3.82 -2.57	40.98 3.99 -0.40	36.60 3.54 -0.01
PPL_SHRM_GT3 24213	36.09 2.86 0.00	31.96 2.80 0.00	31.69 2.43 -1.64	31.76 2.49 0.00	33.17 2.46 0.00	36.64 2.90 0.00	44.25 3.50 0.00	47.40 4.15 0.00	46.70 4.57 -1.29	47.62 4.64 -1.93	47.42 3.92 -4.71	48.04 3.89 -1.88	47.42 3.80 -2.72	47.40 3.79 -4.11	46.67 3.86 -4.16	48.02 4.00 -2.72	49.04 4.02 -3.56	66.23 4.39 -18.40	59.81 4.67 -6.94	64.47 4.79 -9.26	56.56 4.64 -3.56	47.27 3.91 -2.28	41.03 4.10 -0.34	36.70 3.64 -0.01
PPL_SHRM_GT4 24214	36.09 2.86 0.00	31.96 2.80 0.00	31.69 2.43 -1.64	31.76 2.49 0.00	33.17 2.46 0.00	36.64 2.90 0.00	44.25 3.50 0.00	47.40 4.15 0.00	46.70 4.57 -1.29	47.62 4.64 -1.93	47.42 3.92 -4.71	48.04 3.89 -1.88	47.42 3.80 -2.72	47.40 3.79 -4.11	46.67 3.86 -4.16	48.02 4.00 -2.72	49.04 4.02 -3.56	66.23 4.39 -18.40	59.81 4.67 -6.94	64.47 4.79 -9.26	56.56 4.64 -3.56	47.27 3.91 -2.28	41.03 4.10 -0.34	36.70 3.64 -0.01
PROJECT___ORANGE 1 24174	33.20 -0.03 0.00	28.99 -0.17 0.00	27.52 -0.25 -0.15	28.98 -0.29 0.00	30.44 -0.28 0.00	33.50 -0.24 0.00	40.62 -0.12 0.00	42.95 -0.30 0.00	40.46 -0.37 0.00	40.73 -0.33 0.00	38.60 -0.19 0.00	41.93 -0.34 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.37 -0.27 0.00	41.00 -0.29 0.00	41.19 -0.33 -0.07	43.05 -0.39 0.00	47.81 -0.39 0.00	49.97 -0.45 0.00	47.92 -0.44 0.00	40.72 -0.37 0.00	36.19 -0.40 0.00	32.72 -0.33 0.00
PROJECT___ORANGE 2 24166	33.20 -0.03 0.00	28.99 -0.17 0.00	27.52 -0.25 -0.15	28.98 -0.29 0.00	30.44 -0.28 0.00	33.50 -0.24 0.00	40.62 -0.12 0.00	42.95 -0.30 0.00	40.46 -0.37 0.00	40.73 -0.33 0.00	38.60 -0.19 0.00	41.93 -0.34 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.37 -0.27 0.00	41.00 -0.29 0.00	41.19 -0.33 -0.07	43.05 -0.39 0.00	47.81 -0.39 0.00	49.97 -0.45 0.00	47.92 -0.44 0.00	40.72 -0.37 0.00	36.19 -0.40 0.00	32.72 -0.33 0.00
PUCKETT___SOLAR 323809	33.96 0.73 0.00	29.72 0.55 0.00	28.49 0.33 -0.54	29.63 0.35 0.00	31.21 0.49 0.00	34.38 0.64 0.00	41.64 0.90 0.00	44.07 0.82 0.00	41.57 0.74 0.00	41.67 0.62 0.00	39.41 0.62 0.00	42.78 0.51 0.00	41.30 0.41 0.00	39.89 0.39 0.00	39.07 0.43 0.00	41.79 0.50 0.00	42.08 0.37 -0.25	44.00 0.56 0.00	48.97 0.77 0.00	51.33 0.91 0.00	49.23 0.87 0.00	41.87 0.78 0.00	37.11 0.51 0.00	33.55 0.50 0.00
PYRITES___HYD 24023	32.07 -1.16 0.00	28.03 -1.14 0.00	26.76 -0.86 0.00	28.66 -0.61 0.00	30.10 -0.61 0.00	33.13 -0.61 0.00	40.17 -0.57 0.00	42.21 -1.04 0.00	39.73 -1.10 0.00	39.87 -1.19 0.00	37.43 -1.36 0.00	40.66 -1.61 0.00	39.34 -1.55 0.00	37.91 -1.58 0.00	37.06 -1.58 0.00	39.52 -1.78 0.00	39.76 -1.70 0.00	41.79 -1.65 0.00	46.56 -1.64 0.00	49.01 -1.41 0.00	46.95 -1.40 0.00	38.43 -1.23 1.43	27.47 -1.13 7.99	16.62 -1.09 15.34
QUAKERRD_115KV_BK1 80622	32.54 -0.70 0.00	28.08 -1.08 0.00	26.63 -1.19 -0.19	27.96 -1.32 0.00	29.46 -1.26 0.00	32.39 -1.35 0.00	38.91 -1.83 0.00	40.87 -2.38 0.00	38.79 -2.04 0.00	39.00 -2.05 0.00	37.05 -1.75 0.00	40.15 -2.11 0.00	38.77 -2.13 0.00	37.40 -2.09 0.00	36.67 -1.97 0.00	39.15 -2.15 0.00	39.34 -2.20 -0.08	41.01 -2.43 0.00	45.59 -2.60 0.00	47.80 -2.62 0.00	45.74 -2.61 0.00	38.95 -2.14 0.00	34.77 -1.83 0.00	31.56 -1.49 0.00
QUENSBRY_115KV_TB8 356137	35.09 1.86 0.00	31.00 1.84 0.00	31.42 1.74 -2.06	31.09 1.81 0.00	32.65 1.94 0.00	35.87 2.13 0.00	43.47 2.73 0.00	46.36 3.11 0.00	50.31 3.06 -6.42	53.40 2.92 -9.43	55.55 2.91 -13.85	45.31 3.04 0.00	43.84 2.94 0.00	42.41 2.92 0.00	41.35 2.70 0.00	45.87 3.01 -1.56	48.13 2.99 -3.68	49.33 2.91 -2.98	53.86 3.42 -2.24	56.76 3.58 -2.76	54.42 3.43 -2.63	46.53 3.00 -2.45	39.01 2.42 0.00	35.17 2.12 0.00
RAMAPO___LBMP 323565	34.70 1.46 0.00	30.71 1.55 0.00	30.52 1.33 -1.57	30.59 1.32 0.00	32.04 1.32 0.00	35.26 1.52 0.00	42.90 2.16 0.00	45.89 2.64 0.00	44.86 2.86 -1.18	45.74 2.96 -1.73	44.05 2.72 -2.54	45.01 2.75 0.00	43.63 2.74 0.00	42.14 2.65 0.00	41.31 2.67 0.00	44.26 2.81 -0.16	45.27 2.82 -0.99	46.75 3.00 -0.31	51.61 3.18 -0.23	54.04 3.33 -0.29	51.82 3.19 -0.27	44.05 2.71 -0.25	38.98 2.38 0.00	35.07 2.02 0.00
RANKINE____ 23646	32.97 -0.27 0.00	28.05 -1.11 0.00	26.23 -1.66 -0.27	27.66 -1.61 0.00	29.30 -1.41 0.00	32.15 -1.59 0.00	38.54 -2.20 0.00	39.96 -3.29 0.00	38.18 -2.65 0.00	38.18 -2.87 0.00	36.54 -2.25 0.00	39.43 -2.83 0.00	38.03 -2.86 0.00	36.77 -2.72 0.00	35.98 -2.67 0.00	38.36 -2.93 0.00	38.18 -3.40 -0.12	40.10 -3.34 0.00	44.44 -3.76 0.00	46.79 -3.63 0.00	44.63 -3.72 0.00	38.34 -2.75 0.00	34.36 -2.23 0.00	31.43 -1.62 0.00
RAVENSWOOD_GT2_1 24244	35.13 1.89 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.58 3.33 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.90 3.34 -2.77	45.69 3.42 0.00	44.33 3.43 0.00	42.73 3.24 0.00	41.93 3.28 0.00	44.94 3.47 -0.18	45.96 3.44 -1.06	47.48 3.69 -0.35	52.31 3.86 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.53 2.48 0.00
RAVENSWOOD_GT2_2 24245	35.13 1.89 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.58 3.33 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.90 3.34 -2.77	45.69 3.42 0.00	44.33 3.43 0.00	42.73 3.24 0.00	41.93 3.28 0.00	44.94 3.47 -0.18	45.96 3.44 -1.06	47.48 3.69 -0.35	52.31 3.86 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.53 2.48 0.00

RAVENSWOOD_GT2_3 24246	35.16 1.93 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.62 3.37 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.94 3.37 -2.77	45.73 3.47 0.00	44.33 3.43 0.00	42.77 3.28 0.00	41.93 3.28 0.00	44.99 3.51 -0.18	46.00 3.48 -1.06	47.48 3.69 -0.35	52.36 3.90 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.62 3.25 -0.29	39.49 2.89 0.00	35.53 2.48 0.00
RAVENSWOOD_GT2_4 24247	35.16 1.93 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.62 3.37 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.94 3.37 -2.77	45.73 3.47 0.00	44.33 3.43 0.00	42.77 3.28 0.00	41.93 3.28 0.00	44.99 3.51 -0.18	46.00 3.48 -1.06	47.48 3.69 -0.35	52.36 3.90 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.62 3.25 -0.29	39.49 2.89 0.00	35.53 2.48 0.00
RAVENSWOOD_GT3_1 24248	35.13 1.89 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.62 3.37 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.94 3.37 -2.77	45.69 3.42 0.00	44.33 3.43 0.00	42.73 3.24 0.00	41.93 3.28 0.00	44.94 3.47 -0.18	45.96 3.44 -1.06	47.48 3.69 -0.35	52.36 3.90 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.53 2.48 0.00
RAVENSWOOD_GT3_2 24249	35.13 1.89 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.62 3.37 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.94 3.37 -2.77	45.69 3.42 0.00	44.33 3.43 0.00	42.73 3.24 0.00	41.93 3.28 0.00	44.94 3.47 -0.18	45.96 3.44 -1.06	47.48 3.69 -0.35	52.36 3.90 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.53 2.48 0.00
RAVENSWOOD_GT3_3 24250	35.16 1.93 0.00	31.12 1.95 0.00	30.94 1.68 -1.64	30.97 1.70 0.00	32.44 1.72 0.00	35.66 1.92 0.00	43.51 2.77 0.00	46.67 3.42 0.00	45.79 3.67 -1.29	46.72 3.78 -1.89	44.98 3.41 -2.77	45.77 3.51 0.00	44.37 3.48 0.00	42.81 3.32 0.00	41.97 3.32 0.00	45.03 3.55 -0.18	46.04 3.52 -1.06	47.53 3.74 -0.35	52.41 3.95 -0.26	54.78 4.03 -0.32	52.63 3.97 -0.31	44.62 3.25 -0.29	39.52 2.93 0.00	35.56 2.51 0.00
RAVENSWOOD_GT3_4 24251	35.16 1.93 0.00	31.12 1.95 0.00	30.94 1.68 -1.64	30.97 1.70 0.00	32.44 1.72 0.00	35.66 1.92 0.00	43.51 2.77 0.00	46.67 3.42 0.00	45.79 3.67 -1.29	46.72 3.78 -1.89	44.98 3.41 -2.77	45.77 3.51 0.00	44.37 3.48 0.00	42.81 3.32 0.00	41.97 3.32 0.00	45.03 3.55 -0.18	46.04 3.52 -1.06	47.53 3.74 -0.35	52.41 3.95 -0.26	54.78 4.03 -0.32	52.63 3.97 -0.31	44.62 3.25 -0.29	39.52 2.93 0.00	35.56 2.51 0.00
RAVENSWOOD_GT_1 23729	35.23 1.99 0.00	31.18 2.01 0.00	31.00 1.74 -1.64	31.06 1.79 0.00	32.50 1.78 0.00	35.73 1.99 0.00	43.60 2.85 0.00	46.76 3.50 0.00	46.06 3.80 -1.43	47.47 3.94 -2.48	45.96 3.53 -3.63	46.71 3.63 -0.81	45.66 3.64 -1.13	44.41 3.44 -1.48	43.68 3.48 -1.56	47.14 3.68 -2.18	52.04 3.65 -6.93	56.04 3.91 -8.69	53.85 4.10 -1.56	54.89 4.13 -0.33	54.59 4.11 -2.12	45.56 3.33 -1.15	41.02 2.96 -1.46	35.57 2.51 -0.01
RAVENSWOOD_GT_10 24258	35.13 1.89 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.58 3.33 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.90 3.34 -2.77	45.69 3.42 0.00	44.33 3.43 0.00	42.73 3.24 0.00	41.93 3.28 0.00	44.94 3.47 -0.18	45.96 3.44 -1.06	47.48 3.69 -0.35	52.31 3.86 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.53 2.48 0.00
RAVENSWOOD_GT_11 24259	35.13 1.89 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.58 3.33 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.90 3.34 -2.77	45.69 3.42 0.00	44.33 3.43 0.00	42.73 3.24 0.00	41.93 3.28 0.00	44.94 3.47 -0.18	45.96 3.44 -1.06	47.48 3.69 -0.35	52.31 3.86 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.53 2.48 0.00
RAVENSWOOD_GT_4 24252	35.13 1.89 0.00	31.06 1.90 0.00	30.89 1.63 -1.64	30.91 1.64 0.00	32.38 1.66 0.00	35.63 1.89 0.00	43.48 2.73 0.00	46.58 3.33 0.00	45.82 3.59 -1.40	47.08 3.70 -2.32	45.54 3.34 -3.42	46.25 3.38 -0.60	45.13 3.39 -0.85	43.86 3.24 -1.13	43.08 3.25 -1.19	46.45 3.47 -1.69	50.42 3.44 -5.52	53.77 3.65 -6.69	53.30 3.86 -1.25	54.69 3.93 -0.33	53.91 3.87 -1.69	45.23 3.20 -0.94	40.56 2.85 -1.11	35.54 2.48 -0.01
RAVENSWOOD_GT_5 24254	35.13 1.89 0.00	31.06 1.90 0.00	30.89 1.63 -1.64	30.91 1.64 0.00	32.38 1.66 0.00	35.63 1.89 0.00	43.48 2.73 0.00	46.58 3.33 0.00	45.82 3.59 -1.40	47.08 3.70 -2.32	45.54 3.34 -3.42	46.25 3.38 -0.60	45.13 3.39 -0.85	43.86 3.24 -1.13	43.08 3.25 -1.19	46.45 3.47 -1.69	50.42 3.44 -5.52	53.77 3.65 -6.69	53.30 3.86 -1.25	54.69 3.93 -0.33	53.91 3.87 -1.69	45.23 3.20 -0.94	40.56 2.85 -1.11	35.54 2.48 -0.01
RAVENSWOOD_GT_6 24253	35.13 1.89 0.00	31.06 1.90 0.00	30.89 1.63 -1.64	30.91 1.64 0.00	32.38 1.66 0.00	35.63 1.89 0.00	43.48 2.73 0.00	46.58 3.33 0.00	45.82 3.59 -1.40	47.08 3.70 -2.32	45.54 3.34 -3.42	46.25 3.38 -0.60	45.13 3.39 -0.85	43.86 3.24 -1.13	43.08 3.25 -1.19	46.45 3.47 -1.69	50.42 3.44 -5.52	53.77 3.65 -6.69	53.30 3.86 -1.25	54.69 3.93 -0.33	53.91 3.87 -1.69	45.23 3.20 -0.94	40.56 2.85 -1.11	35.54 2.48 -0.01
RAVENSWOOD_GT_7 24255	35.13 1.89 0.00	31.06 1.90 0.00	30.89 1.63 -1.64	30.91 1.64 0.00	32.38 1.66 0.00	35.63 1.89 0.00	43.48 2.73 0.00	46.58 3.33 0.00	45.82 3.59 -1.40	47.08 3.70 -2.32	45.54 3.34 -3.42	46.25 3.38 -0.60	45.13 3.39 -0.85	43.86 3.24 -1.13	43.08 3.25 -1.19	46.45 3.47 -1.69	50.42 3.44 -5.52	53.77 3.65 -6.69	53.30 3.86 -1.25	54.69 3.93 -0.33	53.91 3.87 -1.69	45.23 3.20 -0.94	40.56 2.85 -1.11	35.54 2.48 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.13 1.89 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.58 3.33 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.90 3.34 -2.77	45.69 3.42 0.00	44.33 3.43 0.00	42.73 3.24 0.00	41.93 3.28 0.00	44.94 3.47 -0.18	45.96 3.44 -1.06	47.48 3.69 -0.35	52.31 3.86 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.53 2.48 0.00
RAVENSWOOD_GT_9 24257	35.13 1.89 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.58 3.33 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.90 3.34 -2.77	45.69 3.42 0.00	44.33 3.43 0.00	42.73 3.24 0.00	41.93 3.28 0.00	44.94 3.47 -0.18	45.96 3.44 -1.06	47.48 3.69 -0.35	52.31 3.86 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.53 2.48 0.00

RAVENSWOOD___1 23533	35.19 1.96 0.00	31.17 2.01 0.00	31.00 1.74 -1.64	31.03 1.76 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.52 2.77 0.00	46.80 3.55 0.00	45.91 3.80 -1.29	46.94 3.98 -1.90	45.18 3.61 -2.78	45.95 3.68 -0.01	44.54 3.64 -0.01	42.92 3.43 0.00	42.12 3.48 0.00	45.16 3.67 -0.19	46.21 3.69 -1.07	47.75 3.95 -0.36	52.55 4.09 -0.26	54.88 4.14 -0.32	52.73 4.06 -0.31	44.74 3.37 -0.29	39.53 2.93 0.00	35.56 2.51 0.00
RAVENSWOOD___2 23534	35.19 1.96 0.00	31.15 1.98 0.00	31.00 1.74 -1.64	31.00 1.73 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.52 2.77 0.00	46.75 3.50 0.00	45.91 3.80 -1.29	46.90 3.94 -1.90	45.18 3.61 -2.78	45.95 3.68 -0.01	44.54 3.64 -0.01	42.92 3.43 0.00	42.08 3.44 0.00	45.16 3.67 -0.19	46.17 3.65 -1.07	47.75 3.95 -0.36	52.55 4.09 -0.26	54.88 4.14 -0.32	52.73 4.06 -0.31	44.70 3.33 -0.29	39.53 2.93 0.00	35.56 2.51 0.00
RAVENSWOOD___3 23535	35.13 1.89 0.00	31.09 1.92 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.40 1.69 0.00	35.63 1.89 0.00	43.43 2.69 0.00	46.63 3.38 0.00	45.79 3.68 -1.29	46.72 3.77 -1.89	45.02 3.45 -2.77	45.77 3.51 0.00	44.37 3.47 0.00	42.81 3.32 0.00	41.97 3.32 0.00	44.98 3.51 -0.18	46.00 3.48 -1.06	47.53 3.74 -0.35	52.36 3.90 -0.26	54.73 3.98 -0.32	52.53 3.87 -0.31	44.66 3.29 -0.29	39.49 2.89 0.00	35.53 2.48 0.00
RAVENSWOOD___4 23820	35.19 1.96 0.00	31.14 1.98 0.00	30.97 1.71 -1.64	31.00 1.73 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.47 2.73 0.00	46.75 3.50 0.00	45.77 3.80 -1.14	46.33 3.94 -1.33	44.34 3.61 -1.94	45.16 3.68 0.78	43.40 3.60 1.10	41.46 3.43 1.46	40.54 3.44 1.54	43.16 3.63 1.77	40.37 3.65 4.74	39.46 3.91 7.89	51.27 4.09 1.02	54.88 4.14 -0.31	50.93 4.06 1.49	43.85 3.33 0.57	38.09 2.93 1.44	35.52 2.48 0.01
RCPL_TRUST___DRP 24196	35.29 2.06 0.00	31.20 2.04 0.00	31.02 1.77 -1.64	31.06 1.79 0.00	32.53 1.81 0.00	35.76 2.02 0.00	43.68 2.93 0.00	46.88 3.63 0.00	45.95 3.84 -1.29	46.93 3.98 -1.89	45.14 3.57 -2.78	45.94 3.68 0.00	44.57 3.68 0.00	42.97 3.48 0.00	42.16 3.52 0.00	45.19 3.72 -0.18	46.21 3.69 -1.06	47.74 3.95 -0.35	52.60 4.14 -0.26	54.98 4.24 -0.32	52.77 4.11 -0.31	44.74 3.37 -0.29	39.60 3.00 0.00	35.66 2.61 0.00
RED___ROCHESTER 323720	33.40 0.17 0.00	28.73 -0.44 0.00	27.16 -0.66 -0.20	28.54 -0.73 0.00	30.10 -0.61 0.00	33.07 -0.67 0.00	39.68 -1.06 0.00	41.61 -1.64 0.00	39.64 -1.19 0.00	39.74 -1.32 0.00	37.71 -1.09 0.00	40.96 -1.31 0.00	39.58 -1.31 0.00	38.19 -1.30 0.00	37.44 -1.20 0.00	39.97 -1.32 0.00	40.14 -1.41 -0.09	41.79 -1.65 0.00	46.56 -1.64 0.00	48.86 -1.56 0.00	46.95 -1.40 0.00	39.90 -1.19 0.00	35.53 -1.06 0.00	32.32 -0.73 0.00
REGAN___SOLAR 323812	35.63 2.39 0.00	31.44 2.28 0.00	31.96 2.13 -2.22	31.53 2.25 0.00	33.14 2.43 0.00	36.44 2.70 0.00	44.09 3.34 0.00	46.80 3.55 0.00	48.92 3.27 -4.82	51.10 2.96 -7.08	52.11 2.91 -10.40	45.39 3.13 0.00	43.88 2.98 0.00	42.41 2.92 0.00	41.31 2.66 0.00	45.17 2.97 -0.91	47.04 2.99 -2.59	48.30 3.13 -1.73	53.35 3.86 -1.30	56.16 4.14 -1.60	53.85 3.97 -1.52	46.12 3.62 -1.42	39.56 2.96 0.00	35.70 2.65 0.00
RENSSELAER___COGEN 23796	33.93 0.70 0.00	30.04 0.87 0.00	30.39 0.77 -2.00	30.06 0.79 0.00	31.48 0.77 0.00	34.55 0.81 0.00	41.76 1.02 0.00	44.59 1.34 0.00	29.03 1.59 13.39	23.02 1.64 19.68	11.44 1.55 28.90	43.53 1.27 0.00	42.20 1.31 0.00	40.79 1.30 0.00	39.88 1.24 0.00	37.22 1.44 5.52	34.06 1.45 8.85	34.35 1.43 10.53	41.84 1.54 7.90	42.25 1.56 9.74	40.61 1.55 9.29	33.86 1.40 8.63	37.80 1.21 0.00	34.11 1.06 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.06 2.82 0.00	31.85 2.68 0.00	32.24 2.57 -2.06	31.97 2.69 0.00	33.60 2.89 0.00	36.95 3.21 0.00	44.90 4.16 0.00	47.79 4.54 0.00	51.72 4.41 -6.48	54.73 4.15 -9.53	57.01 4.23 -13.99	46.37 4.10 0.00	44.82 3.93 0.00	43.40 3.91 0.00	42.27 3.63 0.00	47.06 4.17 -1.60	49.26 4.06 -3.74	50.44 3.95 -3.05	55.26 4.77 -2.29	58.34 5.09 -2.82	55.88 4.84 -2.69	47.82 4.23 -2.50	39.89 3.29 0.00	35.93 2.88 0.00
REVERE_CPPR_DRP 24186	33.96 0.73 0.00	29.80 0.64 0.00	28.23 0.52 -0.08	29.83 0.56 0.00	31.48 0.77 0.00	34.69 0.94 0.00	41.97 1.22 0.00	44.50 1.25 0.00	41.93 1.10 0.00	41.96 0.90 0.00	39.57 0.78 0.00	43.03 0.76 0.00	41.55 0.65 0.00	40.16 0.67 0.00	39.30 0.66 0.00	42.08 0.78 0.00	42.28 0.79 -0.04	44.40 0.96 0.00	49.50 1.30 0.00	51.89 1.46 0.00	49.81 1.45 0.00	42.23 1.19 0.05	37.23 0.91 0.28	33.23 0.73 0.55
REYNLDPA_13_KV_LD 356490	32.50 -0.73 0.00	28.40 -0.76 0.00	27.07 -0.55 0.00	28.83 -0.44 0.00	30.19 -0.52 0.00	33.17 -0.57 0.00	40.34 -0.41 0.00	42.64 -0.61 0.00	40.30 -0.53 0.00	40.60 -0.45 0.00	38.33 -0.47 0.00	41.67 -0.59 0.00	40.32 -0.57 0.00	38.86 -0.63 0.00	37.99 -0.66 0.00	40.43 -0.87 0.00	40.67 -0.79 0.00	42.62 -0.83 0.00	47.28 -0.92 0.00	49.57 -0.86 0.00	47.44 -0.92 0.00	38.49 -0.86 1.74	26.15 -0.70 9.76	13.74 -0.59 18.72
REYNOLDS_115KV_TB3 80639	34.23 1.00 0.00	30.30 1.14 0.00	30.64 1.02 -2.00	30.33 1.05 0.00	31.76 1.04 0.00	34.85 1.11 0.00	42.09 1.34 0.00	44.98 1.73 0.00	54.78 2.16 -11.79	60.59 2.22 -17.32	66.28 2.06 -25.44	43.96 1.69 0.00	42.61 1.72 0.00	41.23 1.74 0.00	40.30 1.66 0.00	47.39 1.86 -4.23	51.69 1.87 -8.37	53.42 1.91 -8.07	56.32 2.07 -6.06	59.96 2.07 -7.46	57.51 2.03 -7.12	49.55 1.85 -6.62	38.17 1.57 0.00	34.44 1.39 0.00
RIVERBAY____ 323610	35.13 1.89 0.00	31.06 1.90 0.00	30.86 1.60 -1.64	30.97 1.70 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.56 2.81 0.00	46.62 3.37 0.00	45.79 3.67 -1.29	46.68 3.74 -1.89	44.86 3.30 -2.77	45.48 3.21 0.00	44.20 3.31 0.00	42.61 3.12 0.00	41.70 3.05 0.00	44.82 3.34 -0.18	45.83 3.32 -1.06	47.35 3.56 -0.35	52.22 3.76 -0.26	54.63 3.88 -0.32	52.48 3.82 -0.31	44.50 3.12 -0.29	39.38 2.78 0.00	35.43 2.38 0.00
RIVERSDE_115KV_TB3 55908	34.10 0.86 0.00	30.15 0.99 0.00	30.54 0.91 -2.01	30.21 0.94 0.00	31.64 0.92 0.00	34.72 0.98 0.00	41.93 1.18 0.00	44.81 1.56 0.00	48.71 1.88 -6.01	51.81 1.93 -8.83	53.58 1.82 -12.96	43.79 1.52 0.00	42.45 1.55 0.00	41.03 1.54 0.00	40.15 1.51 0.00	44.94 1.69 -1.95	47.46 1.66 -4.34	48.86 1.69 -3.72	52.82 1.83 -2.79	55.68 1.82 -3.44	53.43 1.79 -3.28	45.78 1.64 -3.05	37.99 1.39 0.00	34.27 1.22 0.00
ROARING___BROOK_WT_PWR 323790	32.50 -0.73 0.00	28.49 -0.67 0.00	27.07 -0.55 0.00	28.75 -0.53 0.00	30.13 -0.58 0.00	33.10 -0.64 0.00	40.01 -0.73 0.00	42.43 -0.82 0.00	40.05 -0.78 0.00	40.24 -0.82 0.00	37.94 -0.85 0.00	41.25 -1.01 0.00	39.83 -1.06 0.00	38.43 -1.06 0.00	37.52 -1.12 0.00	40.01 -1.28 0.00	40.22 -1.24 0.00	42.09 -1.35 0.00	46.70 -1.49 0.00	48.81 -1.62 0.00	46.71 -1.64 0.00	36.72 -1.48 2.89	19.01 -1.35 16.23	0.82 -1.26 30.97

ROCHESRG_115KV_T4 355643	33.03 -0.20 0.00	28.46 -0.70 0.00	26.96 -0.86 -0.20	28.28 -1.00 0.00	29.83 -0.89 0.00	32.76 -0.98 0.00	39.32 -1.43 0.00	41.22 -2.03 0.00	39.20 -1.63 0.00	39.37 -1.68 0.00	37.43 -1.36 0.00	40.53 -1.73 0.00	39.13 -1.76 0.00	37.75 -1.74 0.00	37.02 -1.62 0.00	39.52 -1.78 0.00	39.72 -1.82 -0.09	41.36 -2.09 0.00	45.98 -2.22 0.00	48.26 -2.17 0.00	46.13 -2.22 0.00	39.40 -1.68 0.00	35.21 -1.39 0.00	32.03 -1.02 0.00
ROCHESTER_9_IC 23652	33.23 0.00 0.00	28.61 -0.55 0.00	27.07 -0.75 -0.20	28.42 -0.85 0.00	29.98 -0.74 0.00	32.93 -0.81 0.00	39.52 -1.22 0.00	41.43 -1.82 0.00	39.44 -1.39 0.00	39.62 -1.44 0.00	37.67 -1.12 0.00	40.79 -1.48 0.00	39.38 -1.51 0.00	37.99 -1.50 0.00	37.25 -1.39 0.00	39.76 -1.53 0.00	39.93 -1.62 -0.09	41.57 -1.87 0.00	46.27 -1.93 0.00	48.56 -1.87 0.00	46.47 -1.89 0.00	39.65 -1.44 0.00	35.39 -1.21 0.00	32.19 -0.86 0.00
ROCKVIEW_13_KV_LD 356306	35.13 1.89 0.00	31.06 1.90 0.00	30.92 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.43 2.69 0.00	46.54 3.29 0.00	45.67 3.55 -1.29	46.60 3.65 -1.89	44.86 3.30 -2.77	45.69 3.42 0.00	44.25 3.35 0.00	42.69 3.20 0.00	41.89 3.25 0.00	44.90 3.43 -0.18	45.92 3.40 -1.06	47.44 3.65 -0.35	52.31 3.86 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.62 3.25 -0.29	39.45 2.85 0.00	35.50 2.45 0.00
ROME____115KV_TB2 80656	33.96 0.73 0.00	29.80 0.64 0.00	28.23 0.52 -0.08	29.83 0.56 0.00	31.48 0.77 0.00	34.69 0.94 0.00	41.97 1.22 0.00	44.50 1.25 0.00	41.93 1.10 0.00	41.96 0.90 0.00	39.57 0.78 0.00	43.03 0.76 0.00	41.55 0.65 0.00	40.16 0.67 0.00	39.30 0.66 0.00	42.08 0.78 0.00	42.28 0.79 -0.04	44.40 0.96 0.00	49.50 1.30 0.00	51.89 1.46 0.00	49.81 1.45 0.00	42.23 1.19 0.05	37.23 0.91 0.28	33.23 0.73 0.55
ROSETON___1 23587	34.69 1.46 0.00	30.71 1.54 0.00	30.58 1.33 -1.63	30.62 1.35 0.00	32.07 1.35 0.00	35.26 1.52 0.00	42.78 2.04 0.00	45.84 2.59 0.00	44.79 2.82 -1.15	45.61 2.87 -1.68	43.94 2.67 -2.47	44.93 2.66 0.00	43.51 2.62 0.00	42.02 2.53 0.00	41.15 2.51 0.00	44.13 2.68 -0.15	45.15 2.69 -1.00	46.60 2.87 -0.29	51.46 3.04 -0.22	53.82 3.13 -0.27	51.66 3.05 -0.26	43.92 2.59 -0.24	38.87 2.27 0.00	35.00 1.95 0.00
ROSETON___2 23588	34.69 1.46 0.00	30.71 1.54 0.00	30.58 1.33 -1.63	30.62 1.35 0.00	32.07 1.35 0.00	35.26 1.52 0.00	42.78 2.04 0.00	45.84 2.59 0.00	44.79 2.82 -1.15	45.61 2.87 -1.68	43.94 2.67 -2.47	44.93 2.66 0.00	43.51 2.62 0.00	42.02 2.53 0.00	41.15 2.51 0.00	44.13 2.68 -0.15	45.15 2.69 -1.00	46.60 2.87 -0.29	51.46 3.04 -0.22	53.82 3.13 -0.27	51.66 3.05 -0.26	43.92 2.59 -0.24	38.87 2.27 0.00	35.00 1.95 0.00
ROTRRDAM_115KV_TB3 80664	34.33 1.10 0.00	30.30 1.14 0.00	30.75 1.05 -2.08	30.39 1.11 0.00	31.85 1.14 0.00	34.95 1.21 0.00	42.21 1.47 0.00	44.98 1.73 0.00	47.75 1.63 -5.28	50.38 1.56 -7.76	51.71 1.51 -11.40	43.96 1.69 0.00	42.57 1.68 0.00	41.15 1.66 0.00	40.23 1.58 0.00	44.02 1.73 -1.00	45.89 1.74 -2.69	47.12 1.78 -1.90	51.65 2.02 -1.42	54.25 2.07 -1.76	52.06 2.03 -1.68	44.45 1.81 -1.56	38.10 1.50 0.00	34.41 1.36 0.00
RUSSELL___1 23602	33.40 0.17 0.00	28.73 -0.44 0.00	27.16 -0.66 -0.20	28.54 -0.73 0.00	30.10 -0.61 0.00	33.07 -0.67 0.00	39.68 -1.06 0.00	41.61 -1.64 0.00	39.65 -1.18 0.00	39.82 -1.23 0.00	37.86 -0.93 0.00	41.04 -1.23 0.00	39.58 -1.31 0.00	38.19 -1.30 0.00	37.44 -1.20 0.00	39.97 -1.32 0.00	40.18 -1.37 -0.09	41.83 -1.61 0.00	46.51 -1.69 0.00	48.86 -1.56 0.00	46.71 -1.64 0.00	39.86 -1.23 0.00	35.57 -1.02 0.00	32.32 -0.73 0.00
RUSSELL___2 23532	33.40 0.17 0.00	28.73 -0.44 0.00	27.16 -0.66 -0.20	28.54 -0.73 0.00	30.10 -0.61 0.00	33.07 -0.67 0.00	39.68 -1.06 0.00	41.61 -1.64 0.00	39.65 -1.18 0.00	39.82 -1.23 0.00	37.86 -0.93 0.00	41.04 -1.23 0.00	39.58 -1.31 0.00	38.19 -1.30 0.00	37.44 -1.20 0.00	39.97 -1.32 0.00	40.18 -1.37 -0.09	41.83 -1.61 0.00	46.51 -1.69 0.00	48.86 -1.56 0.00	46.71 -1.64 0.00	39.86 -1.23 0.00	35.57 -1.02 0.00	32.32 -0.73 0.00
RUSSELL___3 23549	33.40 0.17 0.00	28.73 -0.44 0.00	27.16 -0.66 -0.20	28.54 -0.73 0.00	30.10 -0.61 0.00	33.07 -0.67 0.00	39.68 -1.06 0.00	41.61 -1.64 0.00	39.65 -1.18 0.00	39.82 -1.23 0.00	37.86 -0.93 0.00	41.04 -1.23 0.00	39.58 -1.31 0.00	38.19 -1.30 0.00	37.44 -1.20 0.00	39.97 -1.32 0.00	40.18 -1.37 -0.09	41.83 -1.61 0.00	46.51 -1.69 0.00	48.86 -1.56 0.00	46.71 -1.64 0.00	39.86 -1.23 0.00	35.57 -1.02 0.00	32.32 -0.73 0.00
RUSSELL___4 23556	33.40 0.17 0.00	28.73 -0.44 0.00	27.16 -0.66 -0.20	28.54 -0.73 0.00	30.10 -0.61 0.00	33.07 -0.67 0.00	39.68 -1.06 0.00	41.61 -1.64 0.00	39.65 -1.18 0.00	39.82 -1.23 0.00	37.86 -0.93 0.00	41.04 -1.23 0.00	39.58 -1.31 0.00	38.19 -1.30 0.00	37.44 -1.20 0.00	39.97 -1.32 0.00	40.18 -1.37 -0.09	41.83 -1.61 0.00	46.51 -1.69 0.00	48.86 -1.56 0.00	46.71 -1.64 0.00	39.86 -1.23 0.00	35.57 -1.02 0.00	32.32 -0.73 0.00
RUSSELL___STATION 23914	33.40 0.17 0.00	28.73 -0.44 0.00	27.16 -0.66 -0.20	28.54 -0.73 0.00	30.10 -0.61 0.00	33.07 -0.67 0.00	39.68 -1.06 0.00	41.61 -1.64 0.00	39.65 -1.18 0.00	39.82 -1.23 0.00	37.86 -0.93 0.00	41.04 -1.23 0.00	39.58 -1.31 0.00	38.19 -1.30 0.00	37.44 -1.20 0.00	39.97 -1.32 0.00	40.18 -1.37 -0.09	41.83 -1.61 0.00	46.51 -1.69 0.00	48.86 -1.56 0.00	46.71 -1.64 0.00	39.86 -1.23 0.00	35.57 -1.02 0.00	32.32 -0.73 0.00
S SALMON___HYD 24043	32.84 -0.40 0.00	28.73 -0.44 0.00	27.27 -0.47 -0.12	28.75 -0.53 0.00	30.29 -0.43 0.00	33.37 -0.37 0.00	40.26 -0.49 0.00	42.56 -0.69 0.00	40.10 -0.73 0.00	40.24 -0.82 0.00	37.94 -0.85 0.00	41.25 -1.01 0.00	39.87 -1.02 0.00	38.54 -0.95 0.00	37.71 -0.93 0.00	40.34 -0.95 0.00	40.47 -1.03 -0.05	42.44 -1.00 0.00	47.33 -0.87 0.00	49.62 -0.81 0.00	47.73 -0.63 0.00	40.40 -0.58 0.12	35.29 -0.66 0.65	31.15 -0.66 1.24
S.PERRY__115KV_TB1 80734	34.23 1.00 0.00	29.31 0.15 0.00	27.68 -0.22 -0.28	29.07 -0.20 0.00	30.72 0.00 0.00	33.84 0.10 0.00	40.70 -0.04 0.00	42.60 -0.65 0.00	40.18 -0.65 0.00	40.03 -1.03 0.00	37.90 -0.89 0.00	40.74 -1.52 0.00	39.26 -1.64 0.00	37.91 -1.58 0.00	37.21 -1.43 0.00	39.72 -1.57 0.00	39.97 -1.62 -0.13	42.01 -1.43 0.00	47.23 -0.96 0.00	49.92 -0.50 0.00	47.78 -0.58 0.00	40.68 -0.41 0.00	36.16 -0.44 0.00	32.79 -0.26 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.77 -0.47 0.00	27.91 -1.25 0.00	26.19 -1.68 -0.26	27.55 -1.73 0.00	29.18 -1.54 0.00	31.99 -1.75 0.00	38.30 -2.44 0.00	39.62 -3.63 0.00	37.85 -2.98 0.00	37.85 -3.20 0.00	36.23 -2.56 0.00	39.14 -3.13 0.00	37.74 -3.15 0.00	36.45 -3.04 0.00	35.71 -2.94 0.00	38.03 -3.26 0.00	37.97 -3.61 -0.12	39.75 -3.69 0.00	44.05 -4.14 0.00	46.34 -4.08 0.00	44.20 -4.16 0.00	38.01 -3.08 0.00	34.14 -2.45 0.00	31.27 -1.78 0.00

SAWYER___23_KV_LOAD 55526	32.77 -0.47 0.00	27.91 -1.25 0.00	26.19 -1.68 -0.26	27.55 -1.73 0.00	29.18 -1.54 0.00	31.99 -1.75 0.00	38.30 -2.44 0.00	39.62 -3.63 0.00	37.85 -2.98 0.00	37.85 -3.20 0.00	36.23 -2.56 0.00	39.14 -3.13 0.00	37.74 -3.15 0.00	36.45 -3.04 0.00	35.71 -2.94 0.00	38.03 -3.26 0.00	37.97 -3.61 -0.12	39.75 -3.69 0.00	44.05 -4.14 0.00	46.34 -4.08 0.00	44.20 -4.16 0.00	38.01 -3.08 0.00	34.14 -2.45 0.00	31.27 -1.78 0.00
SELKIRK___I 23801	34.10 0.86 0.00	30.18 1.02 0.00	30.50 0.91 -1.98	30.27 1.00 0.00	31.70 0.98 0.00	34.75 1.01 0.00	41.93 1.18 0.00	44.72 1.47 0.00	35.91 1.39 6.30	33.15 1.35 9.26	26.47 1.28 13.60	43.62 1.35 0.00	42.24 1.35 0.00	40.83 1.34 0.00	39.92 1.27 0.00	40.07 1.48 2.71	39.05 1.49 3.90	39.75 1.48 5.17	46.00 1.69 3.88	47.31 1.66 4.78	45.44 1.65 4.56	38.33 1.48 4.24	37.88 1.28 0.00	34.21 1.16 0.00
SELKIRK___II 23799	34.00 0.76 0.00	30.07 0.91 0.00	30.42 0.80 -1.99	30.12 0.85 0.00	31.55 0.83 0.00	34.62 0.88 0.00	41.80 1.06 0.00	44.59 1.34 0.00	34.80 1.39 7.42	31.55 1.40 10.90	24.11 1.32 16.01	43.58 1.31 0.00	42.20 1.31 0.00	40.79 1.30 0.00	39.92 1.27 0.00	39.59 1.44 3.15	38.24 1.45 4.66	38.91 1.48 6.01	45.28 1.59 4.51	46.44 1.56 5.55	44.60 1.55 5.30	37.56 1.40 4.92	37.80 1.21 0.00	34.14 1.09 0.00
SENECA OSWGO___HYD 24041	32.77 -0.47 0.00	28.64 -0.52 0.00	27.20 -0.55 -0.13	28.63 -0.64 0.00	30.10 -0.61 0.00	33.10 -0.64 0.00	39.97 -0.78 0.00	42.26 -0.99 0.00	39.89 -0.94 0.00	40.11 -0.94 0.00	37.94 -0.85 0.00	41.25 -1.01 0.00	39.91 -0.98 0.00	38.58 -0.91 0.00	37.76 -0.89 0.00	40.34 -0.95 0.00	40.56 -0.95 -0.05	42.44 -1.00 0.00	47.14 -1.06 0.00	49.32 -1.11 0.00	47.29 -1.06 0.00	40.15 -0.94 0.00	35.68 -0.91 0.00	32.26 -0.79 0.00
SENECA___115KV_TB3 355854	33.03 -0.20 0.00	28.08 -1.08 0.00	26.26 -1.63 -0.27	27.69 -1.58 0.00	29.33 -1.38 0.00	32.19 -1.55 0.00	38.63 -2.12 0.00	40.05 -3.20 0.00	38.22 -2.61 0.00	38.22 -2.83 0.00	36.62 -2.17 0.00	39.52 -2.75 0.00	38.11 -2.78 0.00	36.81 -2.69 0.00	36.05 -2.59 0.00	38.40 -2.89 0.00	38.22 -3.36 -0.12	40.18 -3.26 0.00	44.53 -3.66 0.00	46.90 -3.53 0.00	44.68 -3.68 0.00	38.42 -2.67 0.00	34.44 -2.16 0.00	31.50 -1.55 0.00
SENECA___ENERGY 23797	33.23 0.00 0.00	28.90 -0.26 0.00	27.42 -0.41 -0.21	28.80 -0.47 0.00	30.32 -0.40 0.00	33.40 -0.34 0.00	40.87 0.12 0.00	43.94 0.69 0.00	40.67 -0.16 0.00	40.81 -0.24 0.00	38.64 -0.15 0.00	41.84 -0.42 0.00	40.40 -0.49 0.00	39.10 -0.39 0.00	38.26 -0.39 0.00	40.88 -0.41 0.00	41.06 -0.50 -0.10	43.09 -0.35 0.00	48.01 -0.19 0.00	50.12 -0.30 0.00	48.26 -0.10 0.00	40.93 -0.16 0.00	36.27 -0.33 0.00	32.78 -0.27 0.00
SHOEMAKER___GT 23640	34.53 1.29 0.00	30.53 1.37 0.00	30.30 1.19 -1.50	30.47 1.20 0.00	31.95 1.23 0.00	35.09 1.35 0.00	42.58 1.84 0.00	45.54 2.29 0.00	44.33 2.45 -1.05	45.06 2.46 -1.54	43.31 2.25 -2.27	44.51 2.24 0.00	43.10 2.21 0.00	41.62 2.13 0.00	40.77 2.12 0.00	43.52 2.23 0.00	44.41 2.28 -0.67	45.87 2.43 0.00	50.80 2.60 0.00	53.15 2.72 0.00	50.97 2.61 0.00	43.35 2.26 0.00	38.57 1.97 0.00	34.77 1.72 0.00
SHOEMAKR_138KV_BK 111 55601	34.53 1.30 0.00	30.53 1.37 0.00	30.29 1.19 -1.49	30.47 1.20 0.00	31.95 1.23 0.00	35.09 1.35 0.00	42.62 1.87 0.00	45.54 2.29 0.00	44.32 2.45 -1.04	45.05 2.46 -1.53	43.28 2.25 -2.24	44.55 2.28 0.00	43.14 2.25 0.00	41.62 2.13 0.00	40.77 2.13 0.00	43.56 2.27 0.00	44.40 2.28 -0.67	45.87 2.43 0.00	50.85 2.65 0.00	53.20 2.77 0.00	51.02 2.66 0.00	43.35 2.26 0.00	38.57 1.98 0.00	34.77 1.72 0.00
SHOREHAM_IC_1 23715	36.09 2.86 0.00	31.96 2.80 0.00	31.69 2.43 -1.64	31.76 2.49 0.00	33.17 2.46 0.00	36.64 2.90 0.00	44.25 3.50 0.00	47.40 4.15 0.00	46.70 4.57 -1.29	47.62 4.64 -1.93	47.42 3.92 -4.71	48.04 3.89 -1.88	47.42 3.80 -2.72	47.40 3.79 -4.11	46.67 3.86 -4.16	48.02 4.00 -2.72	49.04 4.02 -3.56	66.23 4.39 -18.40	59.81 4.67 -6.94	64.47 4.79 -9.26	56.56 4.64 -3.56	47.27 3.91 -2.28	41.03 4.10 -0.34	36.70 3.64 -0.01
SHOREHAM_IC_2 23716	36.09 2.86 0.00	31.96 2.80 0.00	31.69 2.43 -1.64	31.70 2.43 0.00	33.17 2.46 0.00	36.64 2.90 0.00	44.90 4.16 0.00	47.53 4.28 0.00	46.82 4.70 -1.29	47.58 4.60 -1.93	47.30 3.80 -4.71	48.08 3.93 -1.88	47.58 3.97 -2.72	47.36 3.75 -4.11	46.63 3.83 -4.16	48.02 4.01 -2.72	49.00 3.98 -3.56	66.18 4.34 -18.40	59.81 4.68 -6.94	64.47 4.79 -9.26	56.66 4.74 -3.56	47.23 3.86 -2.28	41.04 4.10 -0.34	36.70 3.64 -0.01
SISSONVILLE____ 23735	31.41 -1.83 0.00	27.44 -1.72 0.00	26.18 -1.44 0.00	28.07 -1.20 0.00	29.43 -1.29 0.00	32.36 -1.38 0.00	39.20 -1.55 0.00	41.30 -1.95 0.00	38.95 -1.88 0.00	39.17 -1.89 0.00	36.85 -1.94 0.00	40.03 -2.24 0.00	38.73 -2.17 0.00	37.32 -2.17 0.00	36.44 -2.20 0.00	38.82 -2.48 0.00	39.05 -2.40 0.00	41.01 -2.43 0.00	45.55 -2.65 0.00	47.85 -2.57 0.00	45.79 -2.56 0.00	37.48 -2.22 1.39	26.84 -1.98 7.78	16.31 -1.82 14.93
SITHE_IND_GS1 24169	32.57 -0.66 0.00	28.49 -0.67 0.00	27.00 -0.72 -0.10	28.48 -0.79 0.00	29.95 -0.77 0.00	32.90 -0.84 0.00	39.68 -1.06 0.00	41.91 -1.34 0.00	39.56 -1.27 0.00	39.78 -1.27 0.00	37.63 -1.16 0.00	40.96 -1.31 0.00	39.62 -1.27 0.00	38.27 -1.22 0.00	37.44 -1.20 0.00	40.01 -1.28 0.00	40.22 -1.29 -0.04	42.09 -1.35 0.00	46.75 -1.44 0.00	48.86 -1.56 0.00	46.86 -1.50 0.00	39.81 -1.27 0.00	35.42 -1.17 0.00	32.06 -0.99 0.00
SITHE_IND_GS2 24170	32.57 -0.66 0.00	28.49 -0.67 0.00	27.00 -0.72 -0.10	28.48 -0.79 0.00	29.95 -0.77 0.00	32.90 -0.84 0.00	39.68 -1.06 0.00	41.91 -1.34 0.00	39.56 -1.27 0.00	39.78 -1.27 0.00	37.63 -1.16 0.00	40.96 -1.31 0.00	39.62 -1.27 0.00	38.27 -1.22 0.00	37.44 -1.20 0.00	40.01 -1.28 0.00	40.22 -1.29 -0.04	42.09 -1.35 0.00	46.75 -1.44 0.00	48.86 -1.56 0.00	46.86 -1.50 0.00	39.81 -1.27 0.00	35.42 -1.17 0.00	32.06 -0.99 0.00
SITHE_IND_GS3 24171	32.57 -0.66 0.00	28.49 -0.67 0.00	27.00 -0.72 -0.10	28.48 -0.79 0.00	29.95 -0.77 0.00	32.90 -0.84 0.00	39.68 -1.06 0.00	41.91 -1.34 0.00	39.56 -1.27 0.00	39.78 -1.27 0.00	37.63 -1.16 0.00	40.96 -1.31 0.00	39.62 -1.27 0.00	38.27 -1.22 0.00	37.44 -1.20 0.00	40.01 -1.28 0.00	40.22 -1.29 -0.04	42.09 -1.35 0.00	46.75 -1.44 0.00	48.86 -1.56 0.00	46.86 -1.50 0.00	39.81 -1.27 0.00	35.42 -1.17 0.00	32.06 -0.99 0.00
SITHE_IND_GS4 24172	32.57 -0.66 0.00	28.49 -0.67 0.00	27.00 -0.72 -0.10	28.48 -0.79 0.00	29.95 -0.77 0.00	32.90 -0.84 0.00	39.68 -1.06 0.00	41.91 -1.34 0.00	39.56 -1.27 0.00	39.78 -1.27 0.00	37.63 -1.16 0.00	40.96 -1.31 0.00	39.62 -1.27 0.00	38.27 -1.22 0.00	37.44 -1.20 0.00	40.01 -1.28 0.00	40.22 -1.29 -0.04	42.09 -1.35 0.00	46.75 -1.44 0.00	48.86 -1.56 0.00	46.86 -1.50 0.00	39.81 -1.27 0.00	35.42 -1.17 0.00	32.06 -0.99 0.00

SITHE___BATAVIA 24024	33.50 0.26 0.00	28.52 -0.64 0.00	26.83 -1.02 -0.23	28.22 -1.05 0.00	29.86 -0.86 0.00	32.80 -0.94 0.00	39.20 -1.55 0.00	40.79 -2.46 0.00	38.95 -1.88 0.00	38.92 -2.14 0.00	36.93 -1.86 0.00	39.98 -2.28 0.00	38.60 -2.29 0.00	37.28 -2.21 0.00	36.52 -2.13 0.00	38.98 -2.31 0.00	38.95 -2.61 -0.10	40.75 -2.69 0.00	45.50 -2.70 0.00	47.90 -2.52 0.00	46.13 -2.22 0.00	39.28 -1.81 0.00	35.02 -1.57 0.00	32.03 -1.02 0.00
SITHE___INDEPEND 23800	32.57 -0.66 0.00	28.49 -0.67 0.00	27.00 -0.72 -0.10	28.48 -0.79 0.00	29.95 -0.77 0.00	32.90 -0.84 0.00	39.68 -1.06 0.00	41.91 -1.34 0.00	39.56 -1.27 0.00	39.78 -1.27 0.00	37.63 -1.16 0.00	40.96 -1.31 0.00	39.62 -1.27 0.00	38.27 -1.22 0.00	37.44 -1.20 0.00	40.01 -1.28 0.00	40.22 -1.29 -0.04	42.09 -1.35 0.00	46.75 -1.45 0.00	48.86 -1.56 0.00	46.86 -1.50 0.00	39.82 -1.27 0.00	35.46 -1.13 0.00	32.06 -0.99 0.00
SITHE___MASSENA 23902	32.40 -0.83 0.00	28.29 -0.87 0.00	26.98 -0.63 0.00	28.86 -0.41 0.00	30.22 -0.49 0.00	33.20 -0.54 0.00	40.17 -0.57 0.00	42.38 -0.86 0.00	40.01 -0.82 0.00	40.32 -0.74 0.00	38.02 -0.78 0.00	41.34 -0.93 0.00	39.95 -0.94 0.00	38.54 -0.95 0.00	37.64 -1.00 0.00	40.09 -1.20 0.00	40.34 -1.12 0.00	42.27 -1.17 0.00	46.85 -1.35 0.00	49.17 -1.26 0.00	47.00 -1.35 0.00	38.26 -1.15 1.68	26.23 -0.95 9.42	14.15 -0.86 18.04
SITHE___OGDNSBRG 24021	32.34 -0.90 0.00	28.23 -0.93 0.00	26.96 -0.66 0.00	28.86 -0.41 0.00	30.29 -0.43 0.00	33.30 -0.44 0.00	40.38 -0.37 0.00	42.43 -0.82 0.00	39.93 -0.90 0.00	40.07 -0.99 0.00	37.67 -1.12 0.00	40.91 -1.35 0.00	39.58 -1.31 0.00	38.15 -1.34 0.00	37.29 -1.35 0.00	39.76 -1.53 0.00	40.01 -1.45 0.00	42.05 -1.39 0.00	46.85 -1.35 0.00	49.32 -1.11 0.00	47.24 -1.11 0.00	38.60 -0.99 1.50	27.27 -0.91 8.41	16.04 -0.86 16.15
SITHE___STERLING 23777	33.86 0.63 0.00	29.72 0.55 0.00	28.15 0.44 -0.10	29.71 0.44 0.00	31.33 0.61 0.00	34.48 0.74 0.00	41.76 1.02 0.00	44.25 1.00 0.00	41.69 0.86 0.00	41.75 0.70 0.00	39.45 0.66 0.00	42.90 0.63 0.00	41.46 0.57 0.00	40.08 0.59 0.00	39.18 0.54 0.00	41.95 0.66 0.00	42.16 0.66 -0.04	44.26 0.82 0.00	49.26 1.06 0.00	51.63 1.21 0.00	49.57 1.21 0.00	42.07 0.98 0.00	37.33 0.73 0.00	33.65 0.60 0.00
SLEIGHT__34_KV_TB1 80719	33.10 -0.13 0.00	28.64 -0.52 0.00	27.15 -0.66 -0.20	28.51 -0.76 0.00	30.04 -0.68 0.00	33.07 -0.67 0.00	40.01 -0.73 0.00	42.17 -1.08 0.00	39.77 -1.06 0.00	39.99 -1.07 0.00	37.98 -0.81 0.00	41.17 -1.10 0.00	39.75 -1.14 0.00	38.38 -1.11 0.00	37.60 -1.04 0.00	40.18 -1.11 0.00	40.34 -1.20 -0.08	42.05 -1.39 0.00	46.80 -1.40 0.00	49.01 -1.41 0.00	46.91 -1.45 0.00	39.90 -1.19 0.00	35.54 -1.06 0.00	32.19 -0.86 0.00
SMITHTWN_69_KV_BK 1 55830	36.06 2.82 0.00	31.93 2.77 0.00	31.64 2.38 -1.64	31.64 2.37 0.00	33.14 2.43 0.00	36.61 2.87 0.00	44.78 4.03 0.00	47.44 4.20 0.00	46.78 4.65 -1.29	47.62 4.64 -1.93	47.42 3.84 -4.79	48.26 4.02 -1.98	47.70 4.01 -2.80	47.51 3.83 -4.19	46.86 3.94 -4.28	48.29 4.17 -2.82	49.21 4.10 -3.64	66.41 4.43 -18.54	60.04 4.77 -7.07	64.56 4.79 -9.34	56.88 4.84 -3.69	47.42 3.99 -2.35	41.09 4.14 -0.35	36.73 3.67 -0.01
SOUTH CAIRO___GT 23612	34.70 1.46 0.00	30.68 1.52 0.00	30.61 1.08 -1.91	30.77 1.49 0.00	32.25 1.54 0.00	35.43 1.69 0.00	42.86 2.12 0.00	45.76 2.51 0.00	36.52 2.57 6.88	33.20 2.26 10.11	26.00 2.06 14.85	44.00 1.73 0.00	42.61 1.72 0.00	41.11 1.62 0.00	40.15 1.51 0.00	40.28 1.94 2.95	39.18 2.07 4.35	39.94 2.13 5.63	46.62 2.65 4.22	47.99 2.77 5.21	46.10 2.71 4.97	38.86 2.38 4.61	38.54 1.94 0.00	34.77 1.72 0.00
SOUTH HAMPTN___IC 23720	36.29 3.06 0.00	32.14 2.98 0.00	31.86 2.60 -1.64	31.94 2.66 0.00	33.36 2.64 0.00	36.84 3.10 0.00	44.53 3.79 0.00	47.75 4.50 0.00	47.02 4.90 -1.29	47.95 4.97 -1.92	47.66 4.19 -4.68	48.30 4.19 -1.85	47.63 4.05 -2.69	47.56 3.99 -4.09	46.78 4.02 -4.12	48.15 4.17 -2.69	49.13 4.15 -3.53	66.36 4.56 -18.36	59.87 4.77 -6.90	64.54 4.89 -9.23	56.56 4.69 -3.52	47.29 3.94 -2.26	41.03 4.10 -0.34	36.73 3.67 -0.01
SOUTHDOW_115KV_TB1 355954	33.80 0.56 0.00	28.55 -0.61 0.00	26.56 -1.35 -0.29	28.13 -1.14 0.00	29.92 -0.80 0.00	33.00 -0.74 0.00	39.81 -0.94 0.00	41.78 -1.47 0.00	39.85 -0.98 0.00	39.82 -1.23 0.00	38.17 -0.62 0.00	41.21 -1.06 0.00	39.62 -1.27 0.00	38.23 -1.26 0.00	37.25 -1.39 0.00	39.56 -1.73 0.00	39.19 -2.40 -0.13	41.53 -1.91 0.00	45.98 -2.22 0.00	48.51 -1.92 0.00	46.08 -2.27 0.00	39.61 -1.48 0.00	35.28 -1.32 0.00	32.16 -0.89 0.00
SOUTHOLD_69_KV_BK 2 55809	36.49 3.26 0.00	32.37 3.21 0.00	32.08 2.82 -1.64	32.11 2.84 0.00	33.57 2.86 0.00	37.08 3.34 0.00	45.47 4.73 0.00	48.27 5.02 0.00	47.55 5.43 -1.29	48.28 5.30 -1.92	47.78 4.31 -4.68	48.55 4.44 -1.85	47.96 4.38 -2.69	47.65 4.07 -4.09	46.78 4.02 -4.12	48.19 4.21 -2.69	49.17 4.19 -3.53	66.36 4.56 -18.36	59.72 4.63 -6.90	64.39 4.74 -9.23	56.56 4.69 -3.52	47.08 3.74 -2.26	40.85 3.92 -0.34	36.66 3.60 -0.01
SOUTHOLD___IC 23719	36.49 3.26 0.00	32.37 3.21 0.00	32.08 2.82 -1.64	32.17 2.90 0.00	33.57 2.86 0.00	37.08 3.34 0.00	44.86 4.11 0.00	48.14 4.89 0.00	47.43 5.31 -1.29	48.32 5.34 -1.92	47.89 4.42 -4.68	48.51 4.40 -1.85	47.80 4.21 -2.69	47.68 4.11 -4.09	46.82 4.06 -4.12	48.20 4.21 -2.69	49.22 4.23 -3.53	66.40 4.60 -18.36	59.77 4.67 -6.90	64.45 4.79 -9.23	56.47 4.60 -3.52	47.12 3.78 -2.26	40.85 3.92 -0.34	36.66 3.60 -0.01
SOUTH_FORK_WT_PWR 323839	36.36 3.12 0.00	32.28 3.12 0.00	32.00 2.73 -1.64	32.08 2.81 0.00	33.48 2.77 0.00	36.98 3.24 0.00	44.70 3.95 0.00	48.01 4.76 0.00	47.27 5.14 -1.29	48.15 5.17 -1.92	47.62 4.15 -4.68	48.17 4.06 -1.85	47.47 3.89 -2.69	47.33 3.75 -4.09	46.47 3.71 -4.12	47.78 3.80 -2.69	48.76 3.77 -3.53	65.93 4.13 -18.36	59.09 4.00 -6.90	63.74 4.08 -9.23	55.84 3.97 -3.52	46.59 3.25 -2.26	40.37 3.44 -0.34	36.33 3.27 -0.01
SPIERFLS_115KV_TB 1 80737	34.96 1.73 0.00	30.88 1.72 0.00	31.31 1.63 -2.06	30.97 1.70 0.00	32.50 1.78 0.00	35.73 1.99 0.00	43.27 2.53 0.00	46.15 2.90 0.00	50.05 2.86 -6.36	53.11 2.71 -9.35	55.23 2.72 -13.73	45.10 2.83 0.00	43.63 2.74 0.00	42.22 2.72 0.00	41.19 2.55 0.00	45.68 2.85 -1.54	47.87 2.78 -3.63	49.11 2.74 -2.93	53.62 3.23 -2.20	56.51 3.38 -2.71	54.13 3.19 -2.58	46.33 2.84 -2.40	38.87 2.27 0.00	35.07 2.02 0.00
ST LAWRENCE____ 23600	32.30 -0.93 0.00	28.20 -0.96 0.00	26.90 -0.72 0.00	28.63 -0.64 0.00	30.01 -0.71 0.00	32.97 -0.77 0.00	39.89 -0.86 0.00	42.21 -1.04 0.00	39.89 -0.94 0.00	40.15 -0.90 0.00	37.86 -0.93 0.00	41.17 -1.10 0.00	39.83 -1.06 0.00	38.39 -1.11 0.00	37.52 -1.12 0.00	39.97 -1.32 0.00	40.22 -1.24 0.00	42.14 -1.30 0.00	46.70 -1.49 0.00	48.96 -1.46 0.00	46.86 -1.50 0.00	38.01 -1.32 1.76	25.64 -1.10 9.86	13.18 -0.99 18.88

STATE_CA_115KV_115_LB 55624	34.03 0.80 0.00	30.12 0.96 0.00	30.49 0.86 -2.02	30.18 0.91 0.00	31.61 0.89 0.00	34.69 0.94 0.00	41.93 1.18 0.00	44.76 1.51 0.00	45.85 1.76 -3.27	47.62 1.77 -4.80	47.55 1.71 -7.05	43.79 1.52 0.00	42.45 1.55 0.00	41.03 1.54 0.00	40.11 1.47 0.00	43.72 1.65 -0.78	45.40 1.66 -2.28	46.53 1.61 -1.49	51.05 1.74 -1.11	53.51 1.71 -1.37	51.36 1.69 -1.31	43.91 1.60 -1.22	37.95 1.35 0.00	34.24 1.19 0.00
STATE_ST_34_KV_LOAD 55959	33.47 0.23 0.00	29.16 0.00 0.00	27.72 -0.11 -0.21	29.13 -0.15 0.00	30.62 -0.09 0.00	33.74 0.00 0.00	41.40 0.65 0.00	44.03 0.78 0.00	40.67 -0.16 0.00	40.89 -0.16 0.00	38.71 -0.08 0.00	42.01 -0.25 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.41 -0.23 0.00	41.09 -0.21 0.00	41.30 -0.25 -0.09	43.27 -0.17 0.00	48.15 -0.05 0.00	50.32 -0.10 0.00	48.21 -0.15 0.00	40.97 -0.12 0.00	36.38 -0.22 0.00	32.85 -0.20 0.00
STATION_5_MISC_HYD 23604	33.23 0.00 0.00	28.61 -0.55 0.00	27.08 -0.74 -0.20	28.42 -0.85 0.00	29.98 -0.74 0.00	32.93 -0.81 0.00	39.52 -1.22 0.00	41.43 -1.81 0.00	39.44 -1.39 0.00	39.54 -1.52 0.00	37.51 -1.28 0.00	40.75 -1.52 0.00	39.38 -1.51 0.00	38.03 -1.46 0.00	37.25 -1.39 0.00	39.77 -1.53 0.00	39.93 -1.62 -0.09	41.57 -1.87 0.00	46.27 -1.93 0.00	48.56 -1.86 0.00	46.71 -1.64 0.00	39.69 -1.40 0.00	35.35 -1.24 0.00	32.19 -0.86 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.30 0.07 0.00	28.75 -0.41 0.00	27.24 -0.58 -0.20	28.63 -0.64 0.00	30.16 -0.55 0.00	33.20 -0.54 0.00	40.13 -0.61 0.00	43.98 0.74 0.00	41.44 0.61 0.00	41.71 0.66 0.00	39.53 0.74 0.00	42.86 0.59 0.00	41.30 0.41 0.00	39.85 0.36 0.00	39.03 0.39 0.00	41.75 0.45 0.00	41.91 0.37 -0.08	43.74 0.30 0.00	48.82 0.63 0.00	51.18 0.76 0.00	48.98 0.63 0.00	41.62 0.53 0.00	36.96 0.37 0.00	33.45 0.40 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.03 -0.20 0.00	28.46 -0.70 0.00	26.96 -0.86 -0.20	28.31 -0.97 0.00	29.86 -0.86 0.00	32.80 -0.94 0.00	39.40 -1.34 0.00	41.30 -1.95 0.00	39.32 -1.51 0.00	39.50 -1.56 0.00	37.55 -1.24 0.00	40.70 -1.56 0.00	39.26 -1.64 0.00	37.87 -1.62 0.00	37.14 -1.51 0.00	39.64 -1.65 0.00	39.85 -1.70 -0.09	41.49 -1.95 0.00	46.12 -2.07 0.00	48.41 -2.02 0.00	46.32 -2.03 0.00	39.49 -1.60 0.00	35.24 -1.35 0.00	32.03 -1.02 0.00
STA_56___34_KV_BUS2 355983	33.03 -0.20 0.00	28.46 -0.70 0.00	26.96 -0.86 -0.20	28.31 -0.97 0.00	29.86 -0.86 0.00	32.80 -0.94 0.00	39.40 -1.34 0.00	41.30 -1.95 0.00	39.32 -1.51 0.00	39.50 -1.56 0.00	37.55 -1.24 0.00	40.70 -1.56 0.00	39.26 -1.64 0.00	37.87 -1.62 0.00	37.14 -1.51 0.00	39.64 -1.65 0.00	39.85 -1.70 -0.09	41.49 -1.95 0.00	46.12 -2.07 0.00	48.41 -2.02 0.00	46.32 -2.03 0.00	39.49 -1.60 0.00	35.24 -1.35 0.00	32.03 -1.02 0.00
STA_67___115KV_BK2 355882	33.17 -0.07 0.00	28.55 -0.61 0.00	27.02 -0.80 -0.20	28.37 -0.91 0.00	29.92 -0.80 0.00	32.86 -0.88 0.00	39.44 -1.30 0.00	41.35 -1.90 0.00	39.36 -1.47 0.00	39.50 -1.56 0.00	37.55 -1.24 0.00	40.70 -1.56 0.00	39.30 -1.59 0.00	37.91 -1.58 0.00	37.14 -1.51 0.00	39.64 -1.65 0.00	39.85 -1.70 -0.09	41.49 -1.95 0.00	46.12 -2.07 0.00	48.46 -1.97 0.00	46.32 -2.03 0.00	39.53 -1.56 0.00	35.32 -1.28 0.00	32.13 -0.93 0.00
STA_7___115KV_9TRANS 80674	33.40 0.17 0.00	28.73 -0.44 0.00	27.16 -0.66 -0.20	28.54 -0.73 0.00	30.10 -0.61 0.00	33.07 -0.67 0.00	39.68 -1.06 0.00	41.61 -1.64 0.00	39.65 -1.18 0.00	39.82 -1.23 0.00	37.86 -0.93 0.00	41.04 -1.23 0.00	39.58 -1.31 0.00	38.19 -1.30 0.00	37.44 -1.20 0.00	39.97 -1.32 0.00	40.18 -1.37 -0.09	41.83 -1.61 0.00	46.51 -1.69 0.00	48.86 -1.56 0.00	46.71 -1.64 0.00	39.86 -1.23 0.00	35.57 -1.02 0.00	32.32 -0.73 0.00
STA_82___115KV_TB1 80780	33.17 -0.07 0.00	28.55 -0.61 0.00	27.02 -0.80 -0.20	28.37 -0.91 0.00	29.92 -0.80 0.00	32.86 -0.88 0.00	39.44 -1.30 0.00	41.35 -1.90 0.00	39.36 -1.47 0.00	39.54 -1.52 0.00	37.59 -1.20 0.00	40.70 -1.56 0.00	39.30 -1.59 0.00	37.91 -1.58 0.00	37.14 -1.51 0.00	39.64 -1.65 0.00	39.85 -1.70 -0.09	41.49 -1.95 0.00	46.17 -2.02 0.00	48.46 -1.97 0.00	46.32 -2.03 0.00	39.57 -1.52 0.00	35.32 -1.28 0.00	32.13 -0.93 0.00
STEEL___WIND 323596	33.00 -0.23 0.00	28.05 -1.11 0.00	26.23 -1.66 -0.27	27.66 -1.61 0.00	29.30 -1.41 0.00	32.16 -1.59 0.00	38.58 -2.16 0.00	40.01 -3.24 0.00	38.18 -2.65 0.00	38.06 -3.00 0.00	36.35 -2.44 0.00	39.35 -2.92 0.00	38.03 -2.86 0.00	36.80 -2.69 0.00	36.01 -2.63 0.00	38.40 -2.89 0.00	38.14 -3.44 -0.12	40.10 -3.34 0.00	44.49 -3.71 0.00	46.85 -3.58 0.00	45.02 -3.34 0.00	38.46 -2.63 0.00	34.33 -2.27 0.00	31.46 -1.59 0.00
STEPHTWN_115KV_BK_2 55603	34.20 0.96 0.00	30.27 1.11 0.00	30.61 0.99 -2.00	30.33 1.05 0.00	31.76 1.04 0.00	34.89 1.15 0.00	42.17 1.43 0.00	45.02 1.77 0.00	29.44 2.00 13.39	23.39 2.01 19.68	11.83 1.94 28.90	44.00 1.73 0.00	42.69 1.80 0.00	41.27 1.78 0.00	40.30 1.66 0.00	37.67 1.90 5.52	34.52 1.91 8.85	34.78 1.87 10.53	42.37 2.07 7.90	42.76 2.07 9.74	41.10 2.03 9.29	34.35 1.89 8.63	38.13 1.54 0.00	34.41 1.36 0.00
STEBEN_REC_LFGE 323667	33.50 0.27 0.00	28.75 -0.41 0.00	27.12 -0.86 -0.36	28.48 -0.79 0.00	30.13 -0.58 0.00	33.23 -0.51 0.00	40.21 -0.53 0.00	42.30 -0.95 0.00	39.81 -1.02 0.00	39.78 -1.27 0.00	37.74 -1.05 0.00	40.58 -1.69 0.00	39.05 -1.84 0.00	37.71 -1.78 0.00	37.02 -1.62 0.00	39.43 -1.86 0.00	39.51 -2.11 -0.17	41.62 -1.82 0.00	46.46 -1.74 0.00	48.86 -1.56 0.00	46.57 -1.79 0.00	39.73 -1.36 0.00	35.24 -1.35 0.00	31.96 -1.09 0.00
STILLWATER___SOLAR 323814	34.86 1.63 0.00	30.79 1.63 0.00	31.19 1.52 -2.05	30.88 1.61 0.00	32.37 1.66 0.00	35.56 1.82 0.00	43.02 2.28 0.00	45.54 2.29 0.00	50.06 2.33 -6.90	53.45 2.26 -10.14	55.89 2.21 -14.89	44.51 2.24 0.00	43.06 2.17 0.00	41.66 2.17 0.00	40.69 2.05 0.00	45.41 2.31 -1.81	47.84 2.28 -4.11	49.14 2.26 -3.45	53.38 2.60 -2.59	56.28 2.67 -3.19	53.96 2.56 -3.04	46.21 2.30 -2.82	38.79 2.20 0.00	35.00 1.95 0.00
STONY___BROOK 24151	36.06 2.82 0.00	31.93 2.77 0.00	31.64 2.38 -1.64	31.70 2.43 0.00	33.11 2.40 0.00	36.61 2.87 0.00	44.17 3.42 0.00	47.31 4.06 0.00	46.66 4.53 -1.29	47.62 4.64 -1.93	47.47 3.92 -4.76	48.15 3.93 -1.95	47.51 3.84 -2.78	47.49 3.83 -4.17	46.79 3.90 -4.24	48.17 4.09 -2.79	49.14 4.07 -3.62	66.36 4.43 -18.49	60.00 4.77 -7.03	64.43 4.69 -9.31	56.55 4.54 -3.65	47.40 3.98 -2.33	41.08 4.13 -0.35	36.70 3.64 -0.01
STURGEON_POOL_HYD 23609	34.73 1.50 0.00	30.74 1.57 0.00	30.51 1.22 -1.68	30.65 1.38 0.00	32.10 1.38 0.00	35.29 1.55 0.00	42.82 2.08 0.00	45.84 2.59 0.00	42.99 2.82 0.66	42.92 2.83 0.97	39.93 2.56 1.42	44.84 2.58 0.00	43.43 2.54 0.00	41.90 2.41 0.00	41.04 2.40 0.00	43.41 2.64 0.52	43.94 2.65 0.17	45.27 2.82 1.00	50.48 3.04 0.75	52.68 3.18 0.92	50.57 3.09 0.88	42.82 2.55 0.82	38.87 2.27 0.00	35.00 1.95 0.00

ST_LAW_115_BK7_LBMP 345037	32.24 -1.00 0.00	28.14 -1.02 0.00	26.85 -0.77 0.00	28.60 -0.67 0.00	29.95 -0.77 0.00	32.90 -0.84 0.00	39.81 -0.94 0.00	42.12 -1.12 0.00	39.81 -1.02 0.00	40.07 -0.99 0.00	37.78 -1.01 0.00	41.13 -1.14 0.00	39.75 -1.14 0.00	38.31 -1.18 0.00	37.44 -1.20 0.00	39.89 -1.40 0.00	40.13 -1.33 0.00	42.05 -1.39 0.00	46.61 -1.59 0.00	48.86 -1.56 0.00	46.76 -1.59 0.00	37.95 -1.40 1.74	25.67 -1.17 9.76	13.30 -1.06 18.69
ST_LAW_115_BK8_LBMP 345038	32.24 -1.00 0.00	28.14 -1.02 0.00	26.85 -0.77 0.00	28.60 -0.67 0.00	29.95 -0.77 0.00	32.90 -0.84 0.00	39.81 -0.94 0.00	42.12 -1.12 0.00	39.81 -1.02 0.00	40.07 -0.99 0.00	37.78 -1.01 0.00	41.13 -1.14 0.00	39.75 -1.14 0.00	38.31 -1.18 0.00	37.44 -1.20 0.00	39.89 -1.40 0.00	40.13 -1.33 0.00	42.05 -1.39 0.00	46.61 -1.59 0.00	48.86 -1.56 0.00	46.76 -1.59 0.00	37.95 -1.40 1.74	25.67 -1.17 9.76	13.30 -1.06 18.69
ST_LAW_230_BK5_LBMP 345035	32.30 -0.93 0.00	28.20 -0.96 0.00	26.90 -0.72 0.00	28.63 -0.64 0.00	30.01 -0.71 0.00	32.97 -0.77 0.00	39.89 -0.86 0.00	42.21 -1.04 0.00	39.89 -0.94 0.00	40.15 -0.90 0.00	37.86 -0.93 0.00	41.17 -1.10 0.00	39.83 -1.06 0.00	38.39 -1.11 0.00	37.52 -1.12 0.00	39.97 -1.32 0.00	40.22 -1.24 0.00	42.14 -1.30 0.00	46.70 -1.49 0.00	48.96 -1.46 0.00	46.86 -1.50 0.00	38.00 -1.32 1.78	25.54 -1.10 9.96	12.98 -0.99 19.08
ST_LAW_230_BK6_LBMP 345036	32.30 -0.93 0.00	28.20 -0.96 0.00	26.90 -0.72 0.00	28.63 -0.64 0.00	30.01 -0.71 0.00	32.97 -0.77 0.00	39.89 -0.86 0.00	42.21 -1.04 0.00	39.89 -0.94 0.00	40.15 -0.90 0.00	37.86 -0.93 0.00	41.17 -1.10 0.00	39.83 -1.06 0.00	38.39 -1.11 0.00	37.52 -1.12 0.00	39.97 -1.32 0.00	40.22 -1.24 0.00	42.14 -1.30 0.00	46.70 -1.49 0.00	48.96 -1.46 0.00	46.86 -1.50 0.00	38.00 -1.32 1.78	25.54 -1.10 9.96	12.98 -0.99 19.08
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.66 1.43 0.00	30.65 1.49 0.00	30.42 1.27 -1.53	30.56 1.29 0.00	32.01 1.29 0.00	35.19 1.45 0.00	42.78 2.04 0.00	45.76 2.51 0.00	44.62 2.69 -1.09	45.41 2.75 -1.61	43.67 2.52 -2.36	44.84 2.58 0.00	43.43 2.54 0.00	41.94 2.45 0.00	41.12 2.47 0.00	43.89 2.60 0.00	44.76 2.61 -0.69	46.22 2.78 0.00	51.19 2.99 0.00	53.55 3.13 0.00	51.35 3.00 0.00	43.60 2.51 0.00	38.83 2.23 0.00	34.97 1.92 0.00
SWANROAD_115KV_TB1 355699	32.20 -1.03 0.00	27.41 -1.75 0.00	25.80 -2.07 -0.25	27.08 -2.20 0.00	28.66 -2.06 0.00	31.41 -2.33 0.00	37.53 -3.22 0.00	38.75 -4.50 0.00	37.03 -3.80 0.00	37.03 -4.02 0.00	35.46 -3.34 0.00	38.25 -4.02 0.00	36.88 -3.87 0.00	35.62 -3.71 0.00	34.93 -3.71 0.00	37.20 -4.09 0.00	37.22 -4.35 -0.11	38.84 -4.60 0.00	43.04 -5.16 0.00	45.33 -5.09 0.00	43.23 -5.13 0.00	37.19 -3.90 0.00	33.45 -3.15 0.00	30.67 -2.38 0.00
SYNERGY___BIOGAS 323694	33.50 0.27 0.00	28.52 -0.64 0.00	26.83 -1.02 -0.23	28.22 -1.05 0.00	29.86 -0.86 0.00	32.80 -0.94 0.00	39.20 -1.55 0.00	40.78 -2.47 0.00	38.99 -1.84 0.00	39.00 -2.05 0.00	37.16 -1.63 0.00	40.07 -2.20 0.00	38.60 -2.29 0.00	37.24 -2.25 0.00	36.52 -2.13 0.00	38.94 -2.35 0.00	39.03 -2.53 -0.10	40.79 -2.65 0.00	45.50 -2.70 0.00	47.90 -2.52 0.00	45.79 -2.56 0.00	39.20 -1.89 0.00	35.10 -1.50 0.00	32.03 -1.02 0.00
SYRACUSE___ENERGY_ST1 323597	33.30 0.07 0.00	29.10 -0.06 0.00	27.65 -0.14 -0.17	29.07 -0.20 0.00	30.56 -0.15 0.00	33.64 -0.10 0.00	41.15 0.41 0.00	43.64 0.39 0.00	40.50 -0.33 0.00	40.77 -0.29 0.00	38.60 -0.19 0.00	41.97 -0.30 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.37 -0.27 0.00	41.05 -0.25 0.00	41.24 -0.29 -0.07	43.09 -0.35 0.00	47.86 -0.34 0.00	50.07 -0.35 0.00	47.97 -0.39 0.00	40.76 -0.33 0.00	36.23 -0.37 0.00	32.72 -0.33 0.00
SYRACUSE___ENERGY_ST2 323598	33.30 0.07 0.00	29.10 -0.06 0.00	27.65 -0.14 -0.17	29.07 -0.20 0.00	30.56 -0.15 0.00	33.64 -0.10 0.00	41.15 0.41 0.00	43.64 0.39 0.00	40.50 -0.33 0.00	40.77 -0.29 0.00	38.60 -0.19 0.00	41.97 -0.30 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.37 -0.27 0.00	41.05 -0.25 0.00	41.24 -0.29 -0.07	43.09 -0.35 0.00	47.86 -0.34 0.00	50.07 -0.35 0.00	47.97 -0.39 0.00	40.76 -0.33 0.00	36.23 -0.37 0.00	32.72 -0.33 0.00
SYRACUSE___POWER 24017	33.27 0.03 0.00	29.08 -0.09 0.00	27.60 -0.19 -0.17	29.04 -0.23 0.00	30.53 -0.18 0.00	33.57 -0.17 0.00	40.79 0.04 0.00	43.16 -0.09 0.00	40.58 -0.24 0.00	40.81 -0.25 0.00	38.64 -0.16 0.00	42.01 -0.25 0.00	40.61 -0.29 0.00	39.25 -0.24 0.00	38.41 -0.23 0.00	41.09 -0.21 0.00	41.29 -0.25 -0.08	43.18 -0.26 0.00	47.96 -0.24 0.00	50.17 -0.25 0.00	48.07 -0.29 0.00	40.84 -0.25 0.00	36.30 -0.29 0.00	32.79 -0.26 0.00
TALLMAN_138KV_BK151 55660	34.76 1.53 0.00	30.77 1.60 0.00	30.57 1.38 -1.57	30.65 1.38 0.00	32.10 1.38 0.00	35.33 1.59 0.00	43.03 2.28 0.00	46.06 2.81 0.00	45.03 3.02 -1.18	45.91 3.12 -1.73	44.20 2.87 -2.54	45.18 2.92 0.00	43.80 2.90 0.00	42.29 2.80 0.00	41.46 2.82 0.00	44.43 2.97 -0.16	45.44 2.99 -0.99	46.88 3.13 -0.31	51.80 3.37 -0.23	54.24 3.53 -0.29	52.01 3.38 -0.27	44.18 2.84 -0.25	39.09 2.49 0.00	35.17 2.12 0.00
TEALLAVE_115KV_TB7 355573	33.17 -0.07 0.00	28.99 -0.17 0.00	27.49 -0.28 -0.15	28.95 -0.32 0.00	30.44 -0.28 0.00	33.47 -0.27 0.00	40.58 -0.16 0.00	42.95 -0.30 0.00	40.42 -0.41 0.00	40.69 -0.37 0.00	38.56 -0.23 0.00	41.89 -0.38 0.00	40.52 -0.37 0.00	39.17 -0.32 0.00	38.33 -0.31 0.00	40.96 -0.33 0.00	41.15 -0.37 -0.07	43.01 -0.43 0.00	47.76 -0.43 0.00	49.92 -0.50 0.00	47.87 -0.48 0.00	40.68 -0.41 0.00	36.19 -0.40 0.00	32.69 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	33.00 -0.23 0.00	28.08 -1.08 0.00	26.39 -1.46 -0.24	27.75 -1.52 0.00	29.36 -1.35 0.00	32.22 -1.52 0.00	38.50 -2.24 0.00	39.96 -3.29 0.00	38.18 -2.65 0.00	38.22 -2.83 0.00	36.50 -2.29 0.00	39.39 -2.87 0.00	37.99 -2.90 0.00	36.65 -2.84 0.00	35.94 -2.70 0.00	38.28 -3.01 0.00	38.33 -3.23 -0.11	40.01 -3.43 0.00	44.49 -3.71 0.00	46.84 -3.58 0.00	44.73 -3.63 0.00	38.38 -2.71 0.00	34.40 -2.20 0.00	31.46 -1.59 0.00
TEMPLE___115KV_TB 2 55572	33.20 -0.03 0.00	28.99 -0.17 0.00	27.52 -0.25 -0.15	28.98 -0.29 0.00	30.44 -0.28 0.00	33.50 -0.24 0.00	40.62 -0.12 0.00	42.95 -0.30 0.00	40.46 -0.37 0.00	40.73 -0.33 0.00	38.60 -0.19 0.00	41.93 -0.34 0.00	40.57 -0.33 0.00	39.21 -0.28 0.00	38.37 -0.27 0.00	41.00 -0.29 0.00	41.19 -0.33 -0.07	43.05 -0.39 0.00	47.81 -0.39 0.00	49.97 -0.45 0.00	47.92 -0.44 0.00	40.72 -0.37 0.00	36.19 -0.40 0.00	32.72 -0.33 0.00
TIANA___69_KV_BK 1 55817	36.22 2.99 0.00	32.11 2.95 0.00	31.83 2.57 -1.64	31.82 2.55 0.00	33.30 2.58 0.00	36.81 3.07 0.00	45.10 4.36 0.00	47.79 4.54 0.00	47.11 4.98 -1.29	47.83 4.84 -1.92	47.51 4.03 -4.68	48.30 4.18 -1.85	47.75 4.17 -2.69	47.53 3.95 -4.09	46.74 3.98 -4.12	48.15 4.17 -2.69	49.13 4.15 -3.53	66.32 4.52 -18.36	59.91 4.82 -6.90	64.55 4.89 -9.23	56.76 4.88 -3.52	47.33 3.99 -2.26	41.07 4.14 -0.34	36.76 3.70 -0.01

TILDEN___115KV_TB1 80814	33.27 0.03 0.00	29.08 -0.09 0.00	27.60 -0.19 -0.17	29.04 -0.23 0.00	30.53 -0.18 0.00	33.57 -0.17 0.00	40.79 0.04 0.00	43.16 -0.09 0.00	40.58 -0.24 0.00	40.81 -0.25 0.00	38.64 -0.16 0.00	42.01 -0.25 0.00	40.61 -0.29 0.00	39.25 -0.24 0.00	38.41 -0.23 0.00	41.09 -0.21 0.00	41.29 -0.25 -0.08	43.18 -0.26 0.00	47.96 -0.24 0.00	50.17 -0.25 0.00	48.07 -0.29 0.00	40.84 -0.25 0.00	36.30 -0.29 0.00	32.79 -0.26 0.00
TRIGEN___CC 323695	35.53 2.29 0.00	31.44 2.27 0.00	31.22 1.96 -1.64	31.23 1.96 0.00	32.68 1.97 0.00	36.03 2.29 0.00	44.00 3.26 0.00	46.84 3.59 0.00	46.13 4.00 -1.30	47.12 4.02 -2.04	55.15 3.26 -13.09	57.82 3.42 -12.13	55.86 3.35 -11.62	55.61 3.16 -12.96	59.06 3.25 -17.17	57.66 3.47 -12.90	57.33 3.36 -12.52	84.52 3.61 -37.48	73.74 3.81 -21.73	74.74 3.88 -20.43	68.84 3.87 -16.61	53.69 3.20 -9.39	41.54 3.26 -1.69	36.08 3.01 -0.03
TRINITY___115KV__4 BK 55933	34.00 0.76 0.00	30.07 0.90 0.00	30.45 0.83 -2.00	30.12 0.85 0.00	31.55 0.83 0.00	34.62 0.88 0.00	41.80 1.06 0.00	44.68 1.43 0.00	41.01 1.67 1.50	40.58 1.72 2.20	37.19 1.63 3.23	43.62 1.35 0.00	42.32 1.43 0.00	40.91 1.42 0.00	39.99 1.35 0.00	41.89 1.53 0.93	42.25 1.53 0.75	43.19 1.52 1.78	48.50 1.64 1.33	50.40 1.61 1.64	48.38 1.60 1.57	41.15 1.52 1.46	37.88 1.28 0.00	34.17 1.12 0.00
UNION___PROCESSING_DRP 323587	33.17 -0.07 0.00	28.55 -0.61 0.00	27.02 -0.80 -0.20	28.37 -0.91 0.00	29.92 -0.80 0.00	32.90 -0.84 0.00	39.44 -1.30 0.00	41.39 -1.86 0.00	39.36 -1.47 0.00	39.54 -1.52 0.00	37.59 -1.20 0.00	40.70 -1.56 0.00	39.30 -1.59 0.00	37.91 -1.58 0.00	37.17 -1.47 0.00	39.68 -1.61 0.00	39.89 -1.66 -0.09	41.53 -1.91 0.00	46.17 -2.02 0.00	48.46 -1.97 0.00	46.37 -1.98 0.00	39.57 -1.52 0.00	35.32 -1.28 0.00	32.13 -0.93 0.00
UPPER HUDSON___HYD 24058	34.96 1.73 0.00	30.88 1.72 0.00	31.31 1.63 -2.06	30.97 1.70 0.00	32.50 1.78 0.00	35.73 1.99 0.00	43.27 2.53 0.00	45.11 1.86 0.00	48.94 1.75 -6.36	52.05 1.64 -9.35	54.22 1.70 -13.73	44.08 1.82 0.00	42.65 1.76 0.00	41.27 1.78 0.00	40.27 1.62 0.00	44.64 1.81 -1.54	46.79 1.70 -3.63	47.93 1.56 -2.93	52.32 1.93 -2.20	55.10 1.96 -2.71	52.82 1.88 -2.58	45.30 1.81 -2.40	38.87 2.27 0.00	35.07 2.02 0.00
UPPER RAQUET___HYD 24056	31.41 -1.83 0.00	27.44 -1.72 0.00	26.18 -1.44 0.00	28.07 -1.20 0.00	29.43 -1.29 0.00	32.36 -1.38 0.00	39.20 -1.55 0.00	41.30 -1.95 0.00	38.95 -1.88 0.00	39.21 -1.85 0.00	36.85 -1.94 0.00	40.03 -2.24 0.00	38.72 -2.17 0.00	37.32 -2.17 0.00	36.44 -2.20 0.00	38.82 -2.48 0.00	39.05 -2.41 0.00	41.01 -2.43 0.00	45.55 -2.65 0.00	47.85 -2.57 0.00	45.79 -2.56 0.00	37.48 -2.22 1.39	26.84 -1.98 7.78	16.33 -1.82 14.90
VALLEY44_115KV_TB2 355964	32.67 -0.56 0.00	27.91 -1.25 0.00	25.74 -2.18 -0.30	27.40 -1.87 0.00	29.03 -1.69 0.00	31.95 -1.79 0.00	38.54 -2.20 0.00	40.22 -3.03 0.00	38.26 -2.57 0.00	38.26 -2.79 0.00	36.58 -2.21 0.00	39.60 -2.66 0.00	38.15 -2.74 0.00	36.84 -2.65 0.00	36.09 -2.55 0.00	38.44 -2.85 0.00	37.91 -3.69 -0.14	40.36 -3.08 0.00	44.73 -3.47 0.00	47.25 -3.18 0.00	44.92 -3.43 0.00	38.66 -2.42 0.00	34.47 -2.12 0.00	31.46 -1.59 0.00
VALLEY___115KV_TB 1-4 80826	32.60 -0.63 0.00	28.64 -0.52 0.00	27.09 -0.52 0.00	28.69 -0.59 0.00	30.13 -0.58 0.00	33.13 -0.61 0.00	39.97 -0.77 0.00	42.47 -0.78 0.00	40.09 -0.73 0.00	40.28 -0.78 0.00	38.05 -0.74 0.00	41.46 -0.80 0.00	40.07 -0.82 0.00	38.70 -0.79 0.00	37.87 -0.77 0.00	40.47 -0.83 0.00	40.63 -0.83 0.00	42.57 -0.87 0.00	47.23 -0.96 0.00	49.37 -1.06 0.00	47.39 -0.97 0.00	40.31 -0.86 -0.09	36.27 -0.81 -0.48	33.20 -0.76 -0.91
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.83 1.60 0.00	30.77 1.60 0.00	29.75 1.44 -0.70	30.74 1.46 0.00	32.41 1.69 0.00	35.63 1.89 0.00	42.99 2.24 0.00	45.76 2.51 0.00	44.02 2.49 -0.70	44.54 2.46 -1.02	42.70 2.41 -1.50	44.76 2.49 0.00	43.22 2.33 0.00	41.74 2.25 0.00	40.85 2.20 0.00	43.69 2.39 0.00	44.01 2.24 -0.31	45.83 2.39 0.00	50.90 2.70 0.00	53.20 2.77 0.00	51.11 2.76 0.00	43.47 2.38 0.00	38.57 1.98 0.00	34.80 1.75 0.00
VISCHER___FERRY HYD 24020	34.60 1.36 0.00	30.56 1.40 0.00	30.91 1.27 -2.02	30.59 1.32 0.00	32.07 1.35 0.00	35.22 1.48 0.00	42.62 1.88 0.00	45.41 2.16 0.00	51.84 2.37 -8.65	56.14 2.38 -12.70	59.70 2.25 -18.66	44.38 2.11 0.00	42.98 2.08 0.00	41.54 2.05 0.00	40.61 1.97 0.00	46.21 2.23 -2.69	49.35 2.24 -5.66	50.83 2.26 -5.13	54.55 2.50 -3.85	57.74 2.57 -4.75	55.35 2.46 -4.53	47.47 2.18 -4.21	38.57 1.97 0.00	34.77 1.72 0.00
V_A_10_SYNC_DSASP 323832	32.67 -0.57 0.00	28.02 -1.14 0.00	26.49 -1.35 -0.22	27.75 -1.52 0.00	29.30 -1.41 0.00	32.16 -1.59 0.00	38.54 -2.20 0.00	40.01 -3.24 0.00	38.13 -2.70 0.00	38.10 -2.96 0.00	36.23 -2.56 0.00	39.31 -2.96 0.00	38.03 -2.86 0.00	36.77 -2.72 0.00	36.01 -2.63 0.00	38.40 -2.89 0.00	38.53 -3.02 -0.10	40.10 -3.34 0.00	44.49 -3.71 0.00	46.75 -3.68 0.00	44.97 -3.39 0.00	38.34 -2.75 0.00	34.29 -2.30 0.00	31.43 -1.62 0.00
V_CMM_10_SYNC_DSASP 323787	32.37 -0.86 0.00	28.29 -0.87 0.00	26.96 -0.66 0.00	28.72 -0.56 0.00	30.07 -0.65 0.00	33.03 -0.71 0.00	40.26 -0.49 0.00	42.56 -0.69 0.00	40.22 -0.61 0.00	40.52 -0.53 0.00	38.25 -0.54 0.00	41.59 -0.68 0.00	40.24 -0.66 0.00	38.78 -0.71 0.00	37.91 -0.74 0.00	40.34 -0.95 0.00	40.59 -0.87 0.00	42.53 -0.91 0.00	47.18 -1.01 0.00	49.47 -0.96 0.00	47.34 -1.02 0.00	38.41 -0.94 1.74	26.07 -0.77 9.76	13.70 -0.66 18.69
V_CMP_10_SYNC_DSASP 323788	32.57 -0.66 0.00	28.46 -0.70 0.00	27.18 -0.44 0.00	28.95 -0.32 0.00	30.29 -0.43 0.00	33.67 -0.07 0.00	40.91 0.16 0.00	43.29 0.04 0.00	40.95 0.12 0.00	41.26 0.21 0.00	38.91 0.12 0.00	42.18 -0.08 0.00	40.69 -0.20 0.00	39.13 -0.36 0.00	38.18 -0.46 0.00	40.55 -0.74 0.00	40.79 -0.66 0.00	42.79 -0.65 0.00	47.52 -0.67 0.00	49.87 -0.55 0.00	47.58 -0.78 0.00	38.48 -0.86 1.75	26.04 -0.77 9.79	13.62 -0.73 18.70
V_D_10_SYNC_DSASP 323841	32.40 -0.83 0.00	28.29 -0.87 0.00	26.98 -0.63 0.00	28.86 -0.41 0.00	30.22 -0.49 0.00	33.20 -0.54 0.00	40.17 -0.57 0.00	42.38 -0.86 0.00	40.05 -0.78 0.00	40.32 -0.74 0.00	38.02 -0.78 0.00	41.34 -0.93 0.00	39.99 -0.90 0.00	38.54 -0.95 0.00	37.68 -0.96 0.00	40.09 -1.20 0.00	40.34 -1.12 0.00	42.27 -1.17 0.00	46.85 -1.35 0.00	49.17 -1.26 0.00	47.05 -1.30 0.00	38.26 -1.15 1.68	26.20 -0.95 9.44	14.14 -0.82 18.08
V_E_10_SYNC_DSASP 323830	35.19 1.96 0.00	30.85 1.69 0.00	29.53 1.41 -0.50	30.74 1.46 0.00	32.62 1.91 0.00	36.07 2.33 0.00	43.76 3.02 0.00	46.37 3.12 0.00	43.52 2.69 0.00	43.35 2.30 0.00	40.96 2.17 0.00	44.30 2.03 0.00	42.53 1.64 0.00	41.03 1.54 0.00	40.15 1.51 0.00	43.07 1.77 0.00	43.39 1.70 -0.23	45.61 2.17 0.00	51.04 2.84 0.00	53.55 3.13 0.00	51.45 3.10 0.00	43.64 2.55 0.00	38.46 1.87 0.00	34.67 1.62 0.00

V_F_30_NSYNC___DSASP 323816	34.89 1.66 0.00	30.82 1.66 0.00	31.22 1.55 -2.05	30.88 1.61 0.00	32.40 1.69 0.00	35.59 1.85 0.00	43.07 2.32 0.00	45.58 2.33 0.00	49.81 2.33 -6.66	53.10 2.26 -9.78	55.37 2.21 -14.37	44.59 2.32 0.00	43.14 2.25 0.00	41.74 2.25 0.00	40.77 2.12 0.00	45.33 2.35 -1.69	47.67 2.32 -3.89	48.91 2.26 -3.21	53.21 2.60 -2.41	56.12 2.72 -2.97	53.80 2.61 -2.84	46.06 2.34 -2.64	38.79 2.20 0.00	35.00 1.95 0.00
V_F_30_SYNC_DSASP 323786	34.03 0.80 0.00	30.12 0.96 0.00	30.49 0.86 -2.02	30.18 0.91 0.00	31.61 0.89 0.00	34.69 0.94 0.00	41.93 1.18 0.00	44.76 1.51 0.00	45.45 1.76 -2.87	47.04 1.77 -4.22	46.69 1.71 -6.19	43.75 1.48 0.00	42.45 1.55 0.00	41.03 1.54 0.00	40.11 1.47 0.00	43.58 1.65 -0.64	45.10 1.62 -2.03	46.26 1.61 -1.21	50.84 1.74 -0.91	53.26 1.71 -1.12	51.12 1.69 -1.07	43.69 1.60 -0.99	37.95 1.35 0.00	34.24 1.19 0.00
V_XM_10_SYNC_DSASP 323789	32.57 -0.66 0.00	28.46 -0.70 0.00	27.18 -0.44 0.00	28.95 -0.32 0.00	30.29 -0.43 0.00	33.67 -0.07 0.00	40.91 0.16 0.00	43.29 0.04 0.00	40.95 0.12 0.00	41.26 0.21 0.00	38.91 0.12 0.00	42.18 -0.08 0.00	40.69 -0.20 0.00	39.13 -0.36 0.00	38.18 -0.46 0.00	40.55 -0.74 0.00	40.79 -0.66 0.00	42.79 -0.65 0.00	47.52 -0.67 0.00	49.87 -0.55 0.00	47.58 -0.78 0.00	38.48 -0.86 1.75	26.04 -0.77 9.79	13.62 -0.73 18.70
W.BABYLN_69_KV_BK1 56697	36.06 2.82 0.00	31.93 2.77 0.00	31.64 2.38 -1.64	31.64 2.37 0.00	33.14 2.43 0.00	36.61 2.87 0.00	44.74 3.99 0.00	47.44 4.20 0.00	46.78 4.65 -1.30	47.66 4.64 -1.96	50.15 3.84 -7.52	51.56 4.02 -5.28	50.50 4.01 -5.60	49.95 3.79 -6.67	50.63 3.90 -8.09	51.57 4.13 -6.14	52.03 4.06 -6.51	69.71 4.39 -21.89	64.22 4.77 -11.25	66.98 4.89 -11.66	61.19 4.88 -7.95	49.70 3.99 -4.62	41.47 4.10 -0.77	36.70 3.64 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.86 1.63 0.00	30.85 1.69 0.00	30.67 1.46 -1.59	30.74 1.46 0.00	32.19 1.47 0.00	35.43 1.69 0.00	43.11 2.36 0.00	46.19 2.94 0.00	45.21 3.18 -1.20	46.06 3.24 -1.76	44.37 2.99 -2.59	45.31 3.04 0.00	43.92 3.03 0.00	42.41 2.92 0.00	41.54 2.90 0.00	44.56 3.10 -0.17	45.53 3.07 -1.01	47.02 3.26 -0.32	51.95 3.52 -0.24	54.40 3.68 -0.29	52.17 3.53 -0.28	44.31 2.96 -0.26	39.19 2.60 0.00	35.26 2.21 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.16 1.93 0.00	31.09 1.92 0.00	30.91 1.66 -1.64	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.47 2.73 0.00	46.62 3.37 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	44.94 3.37 -2.78	45.69 3.42 0.00	44.33 3.43 0.00	42.77 3.28 0.00	41.97 3.32 0.00	44.99 3.51 -0.18	46.00 3.48 -1.06	47.48 3.69 -0.35	52.36 3.90 -0.26	54.73 3.98 -0.32	52.58 3.92 -0.31	44.58 3.20 -0.29	39.45 2.85 0.00	35.53 2.48 0.00
W50THST__13_KV_LOAD 356117	35.29 2.06 0.00	31.20 2.04 0.00	31.02 1.77 -1.64	31.06 1.79 0.00	32.56 1.84 0.00	35.80 2.06 0.00	43.72 2.97 0.00	46.88 3.63 0.00	45.99 3.88 -1.29	46.93 3.98 -1.89	45.17 3.61 -2.78	45.99 3.72 0.00	44.57 3.68 0.00	43.01 3.51 0.00	42.20 3.56 0.00	45.23 3.76 -0.18	46.25 3.73 -1.06	47.74 3.95 -0.35	52.60 4.14 -0.26	54.98 4.24 -0.32	52.82 4.16 -0.31	44.79 3.41 -0.29	39.60 3.00 0.00	35.69 2.64 0.00
WADING RIVER_IC_1 23522	36.12 2.89 0.00	31.99 2.83 0.00	31.72 2.46 -1.64	31.76 2.49 0.00	33.17 2.46 0.00	36.67 2.93 0.00	44.29 3.54 0.00	47.44 4.19 0.00	46.74 4.61 -1.29	47.66 4.68 -1.92	47.42 3.96 -4.67	48.04 3.93 -1.84	47.46 3.89 -2.68	47.40 3.83 -4.08	46.65 3.90 -4.11	48.02 4.05 -2.68	49.04 4.07 -3.52	66.22 4.43 -18.35	59.81 4.73 -6.89	64.49 4.84 -9.22	56.51 4.64 -3.51	47.28 3.94 -2.25	41.06 4.13 -0.33	36.70 3.64 -0.01
WADING RIVER_IC_2 23547	36.12 2.89 0.00	31.99 2.83 0.00	31.72 2.46 -1.64	31.76 2.49 0.00	33.17 2.46 0.00	36.67 2.93 0.00	44.29 3.54 0.00	47.44 4.19 0.00	46.74 4.61 -1.29	47.66 4.68 -1.92	47.42 3.96 -4.67	48.04 3.93 -1.84	47.46 3.89 -2.68	47.40 3.83 -4.08	46.65 3.90 -4.11	48.02 4.05 -2.68	49.04 4.07 -3.52	66.22 4.43 -18.35	59.81 4.73 -6.89	64.49 4.84 -9.22	56.51 4.64 -3.51	47.28 3.94 -2.25	41.06 4.13 -0.33	36.70 3.64 -0.01
WADING RIVER_IC_3 23601	36.12 2.89 0.00	31.99 2.83 0.00	31.72 2.46 -1.64	31.76 2.49 0.00	33.17 2.46 0.00	36.67 2.93 0.00	44.29 3.54 0.00	47.44 4.19 0.00	46.74 4.61 -1.29	47.66 4.68 -1.92	47.42 3.96 -4.67	48.04 3.93 -1.84	47.46 3.89 -2.68	47.40 3.83 -4.08	46.65 3.90 -4.11	48.02 4.05 -2.68	49.04 4.07 -3.52	66.22 4.43 -18.35	59.81 4.73 -6.89	64.49 4.84 -9.22	56.51 4.64 -3.51	47.28 3.94 -2.25	41.06 4.13 -0.33	36.70 3.64 -0.01
WALDENNY_12_KV_BK2 80841	33.03 -0.20 0.00	28.05 -1.11 0.00	26.26 -1.63 -0.27	27.69 -1.58 0.00	29.33 -1.38 0.00	32.19 -1.55 0.00	38.58 -2.16 0.00	40.01 -3.24 0.00	38.22 -2.61 0.00	38.22 -2.83 0.00	36.58 -2.21 0.00	39.52 -2.75 0.00	38.11 -2.78 0.00	36.81 -2.69 0.00	36.01 -2.63 0.00	38.40 -2.89 0.00	38.22 -3.36 -0.12	40.14 -3.30 0.00	44.49 -3.71 0.00	46.84 -3.58 0.00	44.63 -3.72 0.00	38.38 -2.71 0.00	34.44 -2.16 0.00	31.46 -1.59 0.00
WALDEN___HYDRO 24148	34.76 1.53 0.00	30.77 1.60 0.00	30.59 1.38 -1.59	30.68 1.41 0.00	32.13 1.41 0.00	35.33 1.59 0.00	42.94 2.20 0.00	45.97 2.72 0.00	44.71 2.90 -0.98	45.41 2.92 -1.44	43.58 2.68 -2.12	44.97 2.71 0.00	43.55 2.66 0.00	42.06 2.57 0.00	41.19 2.55 0.00	44.02 2.73 0.00	44.91 2.74 -0.71	46.31 2.87 0.00	51.33 3.13 0.00	53.70 3.28 0.00	51.55 3.19 0.00	43.76 2.67 0.00	38.94 2.34 0.00	35.07 2.02 0.00
WARRENSBURG____ 23737	34.96 1.73 0.00	30.88 1.72 0.00	31.31 1.63 -2.06	30.97 1.70 0.00	32.50 1.78 0.00	35.73 1.99 0.00	43.27 2.53 0.00	46.15 2.90 0.00	50.05 2.86 -6.36	53.11 2.71 -9.35	55.23 2.72 -13.73	45.10 2.83 0.00	43.63 2.74 0.00	42.22 2.72 0.00	41.19 2.55 0.00	45.68 2.85 -1.54	47.87 2.78 -3.63	49.11 2.74 -2.93	53.62 3.23 -2.20	56.51 3.38 -2.71	54.13 3.19 -2.58	46.33 2.84 -2.40	38.87 2.27 0.00	35.07 2.02 0.00
WATERSIDE___6 8 9 23538	35.16 1.93 0.00	31.14 1.98 0.00	30.97 1.71 -1.64	31.03 1.76 0.00	32.47 1.75 0.00	35.70 1.96 0.00	43.51 2.77 0.00	46.71 3.46 0.00	45.73 3.76 -1.14	46.28 3.90 -1.33	44.23 3.49 -1.94	45.08 3.59 0.78	43.35 3.56 1.10	41.43 3.40 1.46	40.51 3.40 1.54	43.15 3.63 1.77	40.33 3.61 4.74	39.42 3.87 7.89	51.22 4.05 1.02	54.82 4.08 -0.31	50.93 4.06 1.49	43.81 3.29 0.57	38.08 2.93 1.44	35.52 2.48 0.01
WATKINRD_115KV_LN8_ILLION 55919	32.90 -0.33 0.00	28.93 -0.23 0.00	27.37 -0.25 0.00	28.98 -0.29 0.00	30.44 -0.28 0.00	33.44 -0.30 0.00	40.34 -0.41 0.00	42.86 -0.39 0.00	40.46 -0.37 0.00	40.65 -0.41 0.00	38.40 -0.39 0.00	41.84 -0.42 0.00	40.44 -0.45 0.00	39.10 -0.39 0.00	38.22 -0.43 0.00	40.88 -0.41 0.00	41.04 -0.41 0.00	43.01 -0.43 0.00	47.72 -0.48 0.00	49.92 -0.50 0.00	47.87 -0.48 0.00	40.76 -0.41 -0.09	36.64 -0.44 -0.48	33.56 -0.40 -0.91

WDELAWARE___HYD 323627	34.89 1.66 0.00	30.82 1.66 0.00	30.55 1.44 -1.49	30.77 1.49 0.00	32.25 1.54 0.00	35.46 1.72 0.00	43.07 2.32 0.00	46.10 2.85 0.00	44.27 3.02 -0.42	44.67 3.00 -0.62	42.50 2.79 -0.91	45.06 2.79 0.00	43.59 2.70 0.00	42.06 2.57 0.00	41.15 2.51 0.00	43.98 2.68 0.00	44.86 2.74 -0.67	46.35 2.91 0.00	51.43 3.23 0.00	53.86 3.43 0.00	51.65 3.29 0.00	43.84 2.75 0.00	39.01 2.41 0.00	35.13 2.08 0.00
WEST BABYLON___IC 23714	36.06 2.82 0.00	31.93 2.77 0.00	31.64 2.38 -1.64	31.64 2.37 0.00	33.14 2.43 0.00	36.61 2.87 0.00	44.74 3.99 0.00	47.44 4.20 0.00	46.78 4.65 -1.30	47.66 4.64 -1.96	50.15 3.84 -7.52	51.56 4.02 -5.28	50.50 4.01 -5.60	49.95 3.79 -6.67	50.63 3.90 -8.09	51.57 4.13 -6.14	52.03 4.06 -6.51	69.71 4.39 -21.89	64.22 4.77 -11.25	66.98 4.89 -11.66	61.19 4.88 -7.95	49.70 3.99 -4.62	41.47 4.10 -0.77	36.70 3.64 -0.01
WEST CANADA___HYD 24049	33.33 0.10 0.00	29.31 0.15 0.00	27.73 0.11 0.00	29.36 0.09 0.00	30.84 0.12 0.00	33.88 0.14 0.00	40.87 0.12 0.00	43.38 0.13 0.00	40.95 0.12 0.00	41.18 0.12 0.00	38.91 0.12 0.00	42.39 0.13 0.00	41.02 0.12 0.00	39.61 0.12 0.00	38.76 0.12 0.00	41.46 0.17 0.00	41.62 0.17 0.00	43.62 0.17 0.00	48.39 0.19 0.00	50.63 0.20 0.00	48.55 0.19 0.00	41.34 0.17 -0.09	37.23 0.15 -0.48	34.06 0.10 -0.91
WESTERN_NY_WIND 24143	33.47 0.23 0.00	28.46 -0.70 0.00	26.78 -1.08 -0.23	28.16 -1.11 0.00	29.80 -0.92 0.00	32.73 -1.01 0.00	39.11 -1.63 0.00	40.70 -2.55 0.00	38.91 -1.92 0.00	38.92 -2.13 0.00	37.09 -1.71 0.00	40.03 -2.24 0.00	38.52 -2.37 0.00	37.16 -2.33 0.00	36.44 -2.20 0.00	38.86 -2.44 0.00	38.91 -2.65 -0.10	40.70 -2.74 0.00	45.35 -2.84 0.00	47.80 -2.62 0.00	45.70 -2.66 0.00	39.12 -1.97 0.00	35.02 -1.57 0.00	31.96 -1.09 0.00
WESTOVER___LESR 323668	33.57 0.33 0.00	29.34 0.17 0.00	28.09 -0.06 -0.52	29.21 -0.06 0.00	30.75 0.03 0.00	33.84 0.10 0.00	40.95 0.20 0.00	43.34 0.09 0.00	40.91 0.08 0.00	41.10 0.04 0.00	38.95 0.16 0.00	42.27 0.00 0.00	40.85 -0.04 0.00	39.49 0.00 0.00	38.68 0.04 0.00	41.29 0.00 0.00	41.58 -0.12 -0.24	43.44 0.00 0.00	48.25 0.05 0.00	50.58 0.15 0.00	48.40 0.05 0.00	41.21 0.12 0.00	36.63 0.04 0.00	33.15 0.10 0.00
WETHRSFD_WT_PWR 323626	32.77 -0.47 0.00	28.11 -1.05 0.00	26.43 -1.49 -0.30	27.81 -1.46 0.00	29.43 -1.29 0.00	32.32 -1.42 0.00	38.91 -1.83 0.00	40.53 -2.72 0.00	38.42 -2.41 0.00	38.35 -2.71 0.00	36.47 -2.33 0.00	39.39 -2.88 0.00	38.03 -2.86 0.00	36.80 -2.69 0.00	36.09 -2.55 0.00	38.48 -2.81 0.00	38.44 -3.15 -0.14	40.40 -3.04 0.00	44.92 -3.28 0.00	47.25 -3.18 0.00	45.40 -2.95 0.00	38.62 -2.46 0.00	34.40 -2.19 0.00	31.40 -1.65 0.00
WHAVSTOR_138KV_BK127 55557	34.76 1.53 0.00	30.77 1.60 0.00	30.59 1.38 -1.59	30.65 1.38 0.00	32.10 1.38 0.00	35.29 1.55 0.00	43.03 2.28 0.00	46.10 2.85 0.00	45.10 3.06 -1.21	45.99 3.16 -1.77	44.30 2.91 -2.60	45.23 2.96 0.00	43.84 2.94 0.00	42.29 2.80 0.00	41.46 2.82 0.00	44.48 3.01 -0.17	45.45 2.99 -1.01	46.93 3.17 -0.32	51.81 3.37 -0.24	54.25 3.53 -0.30	52.07 3.43 -0.28	44.23 2.88 -0.26	39.12 2.53 0.00	35.20 2.15 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.76 1.53 0.00	30.77 1.60 0.00	30.59 1.38 -1.59	30.65 1.38 0.00	32.10 1.38 0.00	35.29 1.55 0.00	43.03 2.28 0.00	46.10 2.85 0.00	45.10 3.06 -1.21	45.99 3.16 -1.77	44.30 2.91 -2.60	45.23 2.96 0.00	43.84 2.94 0.00	42.29 2.80 0.00	41.46 2.82 0.00	44.48 3.01 -0.17	45.45 2.99 -1.01	46.93 3.17 -0.32	51.81 3.37 -0.24	54.25 3.53 -0.30	52.07 3.43 -0.28	44.23 2.88 -0.26	39.12 2.53 0.00	35.20 2.15 0.00
WHITEHAL_115KV_TB1 80871	35.43 2.19 0.00	31.29 2.13 0.00	31.69 2.02 -2.06	31.41 2.14 0.00	32.99 2.27 0.00	36.24 2.50 0.00	43.96 3.22 0.00	46.84 3.59 0.00	50.83 3.51 -6.48	53.87 3.28 -9.53	56.08 3.30 -13.99	45.56 3.30 0.00	44.08 3.19 0.00	42.65 3.16 0.00	41.58 2.94 0.00	46.19 3.30 -1.60	48.48 3.28 -3.74	49.75 3.26 -3.05	54.39 3.90 -2.29	57.38 4.13 -2.82	54.96 3.92 -2.69	47.04 3.45 -2.50	39.30 2.71 0.00	35.43 2.38 0.00
WHITEPLN_13_KV_LOAD 356215	35.09 1.86 0.00	31.06 1.90 0.00	30.91 1.66 -1.63	30.94 1.67 0.00	32.41 1.69 0.00	35.63 1.89 0.00	43.43 2.69 0.00	46.62 3.37 0.00	45.75 3.63 -1.29	46.68 3.74 -1.89	45.02 3.45 -2.78	45.77 3.51 0.00	44.37 3.48 0.00	42.85 3.36 0.00	41.97 3.32 0.00	44.99 3.51 -0.18	46.04 3.52 -1.06	47.53 3.74 -0.35	52.51 4.05 -0.26	54.93 4.19 -0.32	52.77 4.11 -0.31	44.74 3.37 -0.29	39.52 2.93 0.00	35.50 2.45 0.00
WM_FLOYD_69_KV_BK2 356380	36.06 2.82 0.00	31.93 2.77 0.00	31.66 2.40 -1.64	31.64 2.37 0.00	33.11 2.40 0.00	36.61 2.87 0.00	44.82 4.07 0.00	47.44 4.20 0.00	46.74 4.61 -1.29	47.54 4.56 -1.93	47.27 3.76 -4.72	48.05 3.89 -1.89	47.55 3.93 -2.73	47.32 3.71 -4.12	46.60 3.79 -4.17	48.03 4.01 -2.73	48.96 3.94 -3.57	66.15 4.30 -18.41	59.78 4.63 -6.95	64.43 4.74 -9.26	56.67 4.74 -3.57	47.24 3.86 -2.29	41.04 4.10 -0.34	36.66 3.60 -0.01
WOODARD___115KV_TB2 355635	33.10 -0.13 0.00	28.93 -0.23 0.00	27.46 -0.30 -0.15	28.92 -0.35 0.00	30.41 -0.31 0.00	33.44 -0.30 0.00	40.58 -0.16 0.00	42.95 -0.30 0.00	40.34 -0.49 0.00	40.36 -0.70 0.00	38.21 -0.58 0.00	41.55 -0.72 0.00	40.20 -0.70 0.00	38.86 -0.63 0.00	38.02 -0.62 0.00	40.63 -0.66 0.00	40.81 -0.70 -0.06	42.92 -0.52 0.00	47.67 -0.53 0.00	49.82 -0.61 0.00	47.78 -0.58 0.00	40.60 -0.49 0.00	36.08 -0.51 0.00	32.62 -0.43 0.00
WOODMERE_69_KV_BK1 55827	35.93 2.69 0.00	31.79 2.62 0.00	31.53 2.26 -1.64	31.56 2.28 0.00	33.02 2.30 0.00	36.44 2.70 0.00	44.49 3.75 0.00	47.40 4.15 0.00	46.66 4.53 -1.30	48.13 4.52 -2.56	98.81 3.65 -56.37	110.70 3.85 -64.58	99.42 3.76 -54.77	90.80 3.59 -47.71	115.74 3.63 -73.46	110.77 3.88 -65.60	102.63 3.81 -57.36	106.38 4.04 -58.90	133.46 4.34 -80.93	97.39 4.44 -42.52	136.94 4.40 -84.18	89.64 3.62 -44.93	48.19 3.66 -7.93	36.48 3.37 -0.06
YORK___WARBASSE 23770	35.32 2.06 -0.02	31.31 2.13 -0.02	31.15 1.88 -1.65	31.21 1.93 -0.01	32.66 1.94 -0.01	35.91 2.16 -0.01	43.70 2.93 -0.02	46.95 3.68 -0.02	47.07 3.96 -2.28	51.04 4.11 -5.88	51.16 3.72 -8.65	51.60 3.80 -5.53	52.43 3.80 -7.73	53.31 3.59 -10.22	53.03 3.63 -10.75	59.07 3.88 -13.89	86.91 3.86 -41.60	105.46 4.08 -57.94	61.77 4.34 -9.24	55.24 4.44 -0.38	65.54 4.35 -12.83	50.81 3.49 -6.23	49.72 3.07 -10.05	35.68 2.58 -0.06