

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/20/2025

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	35.68	33.70	32.62	31.76	31.97	35.41	52.65	59.34	54.41	47.41	46.20	42.51	41.34	39.89	39.50	43.12	44.66	49.47	54.87	63.70	58.27	48.76	42.44	38.77
24138	1.89	1.91	1.76	1.74	1.72	1.88	3.63	4.45	3.80	3.44	3.31	3.15	3.08	2.92	2.96	3.27	3.27	3.51	3.46	4.09	3.50	2.89	2.36	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.75	0.09	0.03	0.00	0.27	0.03	0.03	0.00	0.00	0.85	0.18	1.46	0.79	0.03	0.00	0.00
74TH STREET_GT_1	35.78	33.73	32.68	31.79	32.00	35.44	52.65	59.28	54.36	47.27	46.07	42.35	41.19	39.74	39.39	42.96	44.49	49.33	54.87	63.64	58.21	48.81	42.56	38.81
24260	1.99	1.94	1.82	1.77	1.75	1.91	3.63	4.39	3.75	3.30	3.18	2.99	2.93	2.78	2.85	3.11	3.10	3.37	3.46	4.03	3.44	2.94	2.48	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.75	0.09	0.03	0.00	0.27	0.03	0.03	0.00	0.00	0.85	0.18	1.46	0.79	0.03	0.00	0.00
74TH STREET_GT_2	35.78	33.73	32.68	31.79	32.00	35.44	52.65	59.28	54.36	47.27	46.07	42.35	41.19	39.74	39.39	42.96	44.49	49.33	54.87	63.64	58.21	48.81	42.56	38.81
24261	1.99	1.94	1.82	1.77	1.75	1.91	3.63	4.39	3.75	3.30	3.18	2.99	2.93	2.78	2.85	3.11	3.10	3.37	3.46	4.03	3.44	2.94	2.48	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.75	0.09	0.03	0.00	0.27	0.03	0.03	0.00	0.00	0.85	0.18	1.46	0.79	0.03	0.00	0.00
ADK HUDSON___FALLS	35.00	32.93	31.91	31.04	31.30	34.81	51.53	57.45	53.09	45.91	44.57	40.81	39.57	38.04	37.71	41.33	42.79	47.85	53.37	62.21	56.89	47.57	41.48	37.93
24011	1.22	1.14	1.05	1.02	1.06	1.27	2.50	2.53	2.47	1.94	1.67	1.46	1.31	1.07	1.17	1.47	1.41	1.87	1.96	2.56	2.11	1.70	1.40	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	0.74	0.09	0.03	0.00	0.27	0.03	0.03	0.00	0.00	0.84	0.18	1.43	0.77	0.03	0.00	0.00
ADK RESOURCE___RCVRY	35.00	32.93	31.88	31.04	31.30	34.81	51.57	57.57	53.14	45.96	44.57	40.81	39.58	38.04	37.71	41.33	42.84	47.90	53.42	62.21	57.01	47.66	41.52	37.96
23798	1.21	1.14	1.02	1.02	1.06	1.27	2.55	2.65	2.52	1.98	1.67	1.46	1.31	1.07	1.17	1.48	1.45	1.92	2.01	2.56	2.22	1.79	1.44	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	0.74	0.09	0.03	0.00	0.27	0.03	0.03	0.00	0.00	0.84	0.18	1.43	0.77	0.03	0.00	0.00
ADK S GLENS___FALLS	35.00	32.93	31.91	31.04	31.30	34.81	51.53	57.45	53.09	45.91	44.57	40.81	39.57	38.04	37.71	41.33	42.79	47.85	53.37	62.21	56.89	47.57	41.48	37.93
24028	1.22	1.14	1.05	1.02	1.06	1.27	2.50	2.53	2.47	1.94	1.67	1.46	1.31	1.07	1.17	1.47	1.41	1.87	1.96	2.56	2.11	1.70	1.40	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	0.74	0.09	0.03	0.00	0.27	0.03	0.03	0.00	0.00	0.84	0.18	1.43	0.77	0.03	0.00	0.00
ADK_NYS___DAM	35.65	33.63	32.59	31.73	31.94	35.44	52.07	57.91	53.55	46.31	45.17	41.36	40.19	38.78	38.41	41.81	43.09	47.99	53.74	62.16	56.90	47.61	41.60	38.22
23527	1.86	1.84	1.73	1.71	1.69	1.91	3.04	2.98	2.93	2.33	2.27	2.01	1.93	1.81	1.86	1.95	1.70	2.01	2.32	2.50	2.11	1.74	1.52	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.73	0.09	0.03	0.00	0.27	0.03	0.03	0.00	0.00	0.83	0.17	1.42	0.77	0.03	0.00	0.00
AIR_PRODUCTS___DRP	34.80	32.87	31.88	30.98	31.21	34.64	50.79	56.74	52.38	45.43	44.23	40.58	39.42	38.04	37.68	41.09	42.55	47.30	52.70	61.13	56.01	46.88	40.96	37.63
24190	1.01	1.08	1.02	0.96	0.97	1.11	1.76	1.80	1.75	1.45	1.33	1.22	1.16	1.07	1.13	1.24	1.16	1.31	1.29	1.47	1.22	1.01	0.88	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	0.73	0.09	0.03	0.00	0.26	0.03	0.03	0.00	0.00	0.83	0.17	1.41	0.76	0.03	0.00	0.00
AKWESSNE_115KV_BK	33.52	31.47	30.55	29.78	30.00	33.23	48.29	55.33	50.52	43.64	42.62	39.08	38.26	36.81	36.31	39.54	41.14	46.28	51.23	60.34	55.10	45.75	40.04	36.93
355683	-0.27	-0.32	-0.31	-0.24	-0.24	-0.30	-0.74	-0.56	-0.62	-0.40	-0.30	-0.28	-0.19	-0.19	-0.26	-0.32	-0.25	-0.28	-0.31	-0.31	-0.22	-0.14	-0.04	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.22	0.03	0.01	0.00	0.08	0.01	0.01	0.00	0.00	0.25	0.05	0.43	0.23	0.01	0.00	0.00
ALBANY_1_SOLAR	35.14	33.12	32.13	31.25	31.48	34.94	51.28	57.20	52.69	45.60	44.31	40.58	39.35	37.93	37.60	41.09	42.63	47.58	53.17	61.80	56.68	47.38	41.40	38.07
323833	1.35	1.33	1.27	1.23	1.24	1.41	2.26	2.25	2.06	1.63	1.41	1.22	1.08	0.96	1.06	1.24	1.24	1.59	1.75	2.14	1.89	1.51	1.32	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	0.73	0.09	0.03	0.00	0.26	0.03	0.03	0.00	0.00	0.83	0.17	1.41	0.76	0.03	0.00	0.00
ALBANY_2_SOLAR	35.14	33.12	32.13	31.25	31.48	34.94	51.23	57.20	52.69	45.56	44.31	40.54	39.35	37.93	37.57	41.09	42.63	47.53	53.17	61.74	56.62	47.38	41.40	38.07
323834	1.35	1.33	1.27	1.23	1.24	1.41	2.21	2.25	2.06	1.58	1.41	1.18	1.08	0.96	1.02	1.24	1.24	1.54	1.75	2.08	1.83	1.51	1.32	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	0.73	0.09	0.03	0.00	0.26	0.03	0.03	0.00	0.00	0.83	0.17	1.41	0.76	0.03	0.00	0.00
ALBANY___1	34.80	32.87	31.88	30.98	31.21	34.64	50.79	56.74	52.38	45.43	44.23	40.58	39.42	38.04	37.68	41.09	42.55	47.30	52.70	61.13	56.01	46.88	40.96	37.63
23571	1.01	1.08	1.02	0.96	0.97	1.11	1.76	1.80	1.75	1.45	1.33	1.22	1.16	1.07	1.13	1.24	1.16	1.31	1.29	1.47	1.22	1.01	0.88	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	0.73	0.09	0.03	0.00	0.26	0.03	0.03	0.00	0.00	0.83	0.17	1.41	0.76	0.03	0.00	0.00

ALBANY___2 23572	34.80 1.01 0.00	32.87 1.08 0.00	31.88 1.02 0.00	30.98 0.96 0.00	31.21 0.97 0.00	34.64 1.11 0.00	50.79 1.76 0.00	56.74 1.80 1.37	52.38 1.75 0.73	45.43 1.45 0.09	44.23 1.33 0.03	40.58 1.22 0.00	39.42 1.16 0.26	38.04 1.07 0.03	37.68 1.13 0.03	41.09 1.24 0.00	42.55 1.16 0.00	47.30 1.31 0.83	52.70 1.29 0.17	61.13 1.47 1.41	56.01 1.22 0.76	46.88 1.01 0.03	40.96 0.88 0.00	37.63 0.70 0.00
ALBANY___3 23573	34.80 1.01 0.00	32.87 1.08 0.00	31.88 1.02 0.00	30.98 0.96 0.00	31.21 0.97 0.00	34.64 1.11 0.00	50.79 1.76 0.00	56.74 1.80 1.37	52.38 1.75 0.73	45.43 1.45 0.09	44.23 1.33 0.03	40.58 1.22 0.00	39.42 1.16 0.26	38.04 1.07 0.03	37.68 1.13 0.03	41.09 1.24 0.00	42.55 1.16 0.00	47.30 1.31 0.83	52.70 1.29 0.17	61.13 1.47 1.41	56.01 1.22 0.76	46.88 1.01 0.03	40.96 0.88 0.00	37.63 0.70 0.00
ALBANY___4 23574	34.80 1.01 0.00	32.87 1.08 0.00	31.88 1.02 0.00	30.98 0.96 0.00	31.21 0.97 0.00	34.64 1.11 0.00	50.79 1.76 0.00	56.74 1.80 1.37	52.38 1.75 0.73	45.43 1.45 0.09	44.23 1.33 0.03	40.58 1.22 0.00	39.42 1.16 0.26	38.04 1.07 0.03	37.68 1.13 0.03	41.09 1.24 0.00	42.55 1.16 0.00	47.30 1.31 0.83	52.70 1.29 0.17	61.13 1.47 1.41	56.01 1.22 0.76	46.88 1.01 0.03	40.96 0.88 0.00	37.63 0.70 0.00
ALBANY___LFGE 323615	34.97 1.18 0.00	33.03 1.24 0.00	32.01 1.14 0.00	31.13 1.11 0.00	31.36 1.12 0.00	34.84 1.31 0.00	51.13 2.11 0.00	57.13 2.19 1.38	52.74 2.11 0.73	45.74 1.76 0.09	44.53 1.63 0.03	40.85 1.50 0.00	39.65 1.39 0.26	38.26 1.29 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.80 1.41 0.00	47.58 1.59 0.83	53.02 1.60 0.17	61.49 1.83 1.41	56.40 1.61 0.77	47.15 1.28 0.03	41.16 1.08 0.00	37.81 0.88 0.00
ALCOA_PA_115KV_PL-6C 55860	34.83 -0.27 -1.31	32.72 -0.32 -1.25	31.40 -0.31 -0.84	30.95 -0.27 -1.19	31.17 -0.27 -1.20	34.53 -0.30 -1.30	49.48 -0.78 -1.24	57.32 -0.56 -1.57	52.39 -0.62 -1.64	45.25 -0.44 -1.63	44.23 -0.30 -1.60	39.08 -0.28 0.00	38.21 -0.23 0.09	36.81 -0.19 0.01	36.27 -0.29 0.01	39.50 -0.36 0.00	41.14 -0.25 0.00	46.25 -0.28 0.28	51.22 -0.31 0.06	60.35 -0.24 0.48	55.13 -0.17 0.26	45.80 -0.09 0.01	40.08 0.00 0.00	36.93 0.00 0.00
ALCOA_RYNLDS___DRP 24188	34.83 -0.27 -1.31	32.72 -0.32 -1.25	31.40 -0.31 -0.84	30.95 -0.27 -1.19	31.17 -0.27 -1.20	34.53 -0.30 -1.30	49.48 -0.78 -1.24	57.32 -0.56 -1.57	52.39 -0.62 -1.64	45.25 -0.44 -1.63	44.23 -0.30 -1.60	39.08 -0.28 0.00	38.21 -0.23 0.09	36.81 -0.19 0.01	36.27 -0.29 0.01	39.50 -0.36 0.00	41.14 -0.25 0.00	46.25 -0.28 0.28	51.22 -0.31 0.06	60.35 -0.24 0.48	55.13 -0.17 0.26	45.80 -0.09 0.01	40.08 0.00 0.00	36.93 0.00 0.00
ALCOA___DSASP 323711	34.83 -0.27 -1.31	32.72 -0.32 -1.25	31.40 -0.31 -0.84	30.94 -0.27 -1.19	31.17 -0.27 -1.20	34.53 -0.30 -1.30	49.48 -0.79 -1.24	57.32 -0.56 -1.57	52.39 -0.61 -1.64	45.25 -0.44 -1.63	44.23 -0.30 -1.60	39.08 -0.27 0.00	38.21 -0.23 0.09	36.81 -0.18 0.01	36.27 -0.29 0.01	39.50 -0.36 0.00	41.14 -0.25 0.00	46.25 -0.28 0.28	51.22 -0.31 0.06	60.35 -0.24 0.48	55.13 -0.17 0.26	45.80 -0.09 0.01	40.04 -0.04 0.00	36.93 0.00 0.00
ALLEGHENY___COGEN 23514	32.44 -1.35 0.00	30.36 -1.43 0.00	29.60 -1.27 0.00	28.70 -1.32 0.00	28.97 -1.27 0.00	32.39 -1.14 0.00	47.21 -1.81 0.00	49.56 -2.02 4.73	46.39 -2.26 2.71	41.30 -2.47 0.29	41.58 -2.75 -1.40	38.26 -2.76 -1.66	36.85 -2.73 -1.06	34.48 -2.44 0.08	34.23 -2.27 0.08	37.50 -2.35 0.01	39.32 -2.07 0.00	42.20 -1.78 2.83	49.68 -1.34 0.57	55.43 -0.80 4.84	52.68 -0.56 2.32	45.23 -0.60 0.08	39.52 -0.56 0.00	36.63 -0.30 0.00
ALTAMONT_115KV_TB 2 55880	34.73 0.95 0.00	32.74 0.95 0.00	31.76 0.90 0.00	30.89 0.87 0.00	31.12 0.88 0.00	34.47 0.94 0.00	50.64 1.62 0.00	56.64 1.69 1.37	52.18 1.54 0.72	45.25 1.28 0.09	44.10 1.20 0.03	40.46 1.10 0.00	39.31 1.04 0.26	37.93 0.96 0.03	37.57 1.02 0.03	40.97 1.12 0.00	42.46 1.08 0.00	47.21 1.22 0.82	52.76 1.34 0.17	61.20 1.53 1.40	56.13 1.33 0.76	46.97 1.10 0.03	41.00 0.92 0.00	37.67 0.74 0.00
ALTONA_WT_PWR 323606	-6.70 -1.83 38.66	-6.75 -1.72 36.82	-6.75 -1.70 35.92	-6.79 -1.62 35.19	-6.76 -1.63 35.37	-6.70 -1.81 38.42	-6.61 -2.79 52.84	-6.66 -2.48 60.50	-6.79 -2.21 55.95	-6.78 -1.89 48.95	-6.66 -2.02 47.57	37.59 -1.77 0.00	37.02 -1.42 0.08	35.77 -1.22 0.01	35.10 -1.46 0.01	38.42 -1.43 0.00	40.31 -1.08 0.00	45.48 -1.07 0.26	50.45 -1.09 0.05	59.83 -0.80 0.44	54.81 -0.50 0.24	45.62 -0.27 0.01	39.68 -0.40 0.00	36.56 -0.37 0.00
AMERICAN_REF_FUEL 24010	30.04 -3.75 0.00	28.20 -3.59 0.00	27.53 -3.33 0.00	26.75 -3.27 0.00	26.95 -3.30 0.00	29.98 -3.56 0.00	43.29 -5.74 0.00	45.21 -6.65 4.46	42.96 -5.96 2.44	38.67 -5.11 0.28	37.09 -4.90 0.95	33.94 -4.49 0.93	31.94 -4.55 2.04	32.67 -4.25 0.08	32.25 -4.24 0.08	35.15 -4.70 0.01	36.63 -4.76 0.00	38.52 -5.62 2.67	44.80 -6.24 0.55	49.24 -7.27 4.56	46.82 -6.44 2.29	40.59 -5.23 0.08	35.95 -4.13 0.00	33.75 -3.18 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.24 -3.55 0.00	28.42 -3.37 0.00	27.68 -3.18 0.00	26.93 -3.09 0.00	27.16 -3.09 0.00	30.25 -3.28 0.00	44.41 -4.61 0.00	45.98 -5.86 4.48	43.67 -5.24 2.45	39.38 -4.41 0.27	38.06 -4.12 0.75	34.95 -3.70 0.71	33.02 -3.74 1.78	33.22 -3.70 0.08	32.91 -3.58 0.08	35.94 -3.90 0.01	37.70 -3.68 0.00	39.07 -5.06 2.68	45.47 -5.57 0.54	50.25 -6.23 4.59	47.57 -5.72 2.26	41.23 -4.59 0.08	36.91 -3.17 0.00	34.60 -2.33 0.00
ARTHUR KILL_GT_1 23520	51.09 2.23 -15.07	33.96 2.16 -0.01	33.01 2.04 -0.11	32.11 1.98 -0.11	32.19 1.94 -0.01	50.47 2.15 -14.79	52.76 3.72 -0.01	59.29 4.40 1.42	54.96 3.59 -0.01	54.90 3.08 -7.75	54.40 2.92 -8.55	54.39 2.75 -12.28	54.42 2.74 -13.16	54.42 2.59 -14.83	54.39 2.63 -15.18	54.89 2.91 -12.12	55.09 2.90 -10.81	55.61 3.14 -5.66	55.66 3.46 -0.62	63.53 3.91 1.45	58.22 3.45 0.78	55.65 2.80 -6.95	54.43 2.45 -11.91	51.10 1.99 -12.18
ARTHUR_KILL_2 23512	50.99 2.13 -15.07	33.89 2.10 -0.01	32.92 1.95 -0.11	32.03 1.89 -0.11	32.13 1.88 -0.01	50.37 2.05 -14.79	52.61 3.58 -0.01	59.12 4.23 1.42	54.81 3.44 -0.01	54.81 3.00 -7.75	54.31 2.83 -8.55	54.31 2.68 -12.28	54.31 2.62 -13.16	54.31 2.48 -14.83	54.31 2.56 -15.18	54.81 2.83 -12.12	55.01 2.82 -10.81	55.51 3.04 -5.66	55.51 3.30 -0.62	63.28 3.66 1.45	58.05 3.28 0.78	55.51 2.66 -6.95	54.31 2.32 -11.91	50.99 1.88 -12.18
ARTHUR_KILL_3 23513	50.47 1.62 -15.06	33.38 1.59 0.00	32.45 1.48 -0.10	31.57 1.44 -0.10	31.67 1.42 0.00	49.86 1.54 -14.78	52.07 3.04 0.00	58.61 3.72 1.42	54.49 3.13 0.00	54.63 2.82 -7.74	54.18 2.71 -8.54	54.18 2.56 -12.27	54.18 2.50 -13.15	54.19 2.37 -14.82	54.19 2.45 -15.17	54.64 2.67 -12.11	54.84 2.65 -10.80	55.32 2.86 -5.65	55.03 2.84 -0.61	62.91 3.30 1.46	57.54 2.78 0.79	55.27 2.43 -6.94	53.94 1.96 -11.90	50.58 1.48 -12.17

ARTHUR_KILL_COGEN 323718	51.09 2.23 -15.07	33.96 2.16 -0.01	33.01 2.04 -0.11	32.11 1.98 -0.11	32.19 1.94 -0.01	50.47 2.15 -14.79	52.76 3.72 -0.01	59.29 4.40 1.42	54.96 3.59 -0.01	54.90 3.08 -7.75	54.40 2.92 -8.55	54.39 2.75 -12.28	54.42 2.74 -13.16	54.42 2.59 -14.83	54.39 2.63 -15.18	54.89 2.91 -12.12	55.09 2.90 -10.81	55.61 3.14 -5.66	55.66 3.46 -0.62	63.53 3.91 1.45	58.22 3.45 0.78	55.65 2.80 -6.95	54.43 2.45 -11.91	51.10 1.99 -12.18
ASHOKAN____ 23654	35.92 2.13 0.00	33.82 2.04 0.00	32.68 1.82 0.00	31.76 1.74 0.00	32.06 1.81 0.00	35.65 2.11 0.00	52.60 3.58 0.00	58.58 3.66 1.40	53.81 3.19 0.74	46.53 2.55 0.09	45.13 2.23 0.03	41.32 1.97 0.00	40.11 1.85 0.27	38.67 1.70 0.03	38.33 1.79 0.03	41.89 2.03 0.00	43.50 2.11 0.00	48.45 2.48 0.84	54.14 2.73 0.18	63.24 3.60 1.43	57.89 3.11 0.77	48.48 2.61 0.03	42.40 2.32 0.00	39.11 2.18 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.65 1.86 -0.01	33.70 1.91 -0.01	32.63 1.76 -0.01	31.77 1.74 -0.01	31.97 1.72 -0.01	35.25 1.71 -0.01	52.25 3.23 0.01	58.88 4.00 1.43	54.04 3.44 0.76	47.09 3.13 0.10	45.85 2.96 0.04	42.18 2.84 0.01	40.99 2.74 0.28	39.59 2.63 0.04	39.20 2.67 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.14 3.18 0.86	54.60 3.20 0.19	63.27 3.66 1.46	57.92 3.16 0.80	48.57 2.71 0.04	42.25 2.16 -0.01	38.56 1.62 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.65 1.86 -0.01	33.74 1.94 -0.01	32.63 1.76 -0.01	31.77 1.74 -0.01	31.97 1.72 -0.01	35.25 1.71 -0.01	52.25 3.23 0.01	58.88 4.00 1.43	54.04 3.44 0.76	47.09 3.13 0.10	45.85 2.96 0.04	42.18 2.84 0.01	40.99 2.74 0.28	39.59 2.63 0.04	39.20 2.67 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.14 3.18 0.86	54.60 3.20 0.19	63.27 3.66 1.46	57.92 3.16 0.80	48.57 2.71 0.04	42.25 2.16 -0.01	38.56 1.62 -0.01
ASTORIA_GT2_1 24094	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01
ASTORIA_GT2_2 24095	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01
ASTORIA_GT2_3 24096	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01
ASTORIA_GT2_4 24097	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01
ASTORIA_GT3_1 24098	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01
ASTORIA_GT3_2 24099	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01
ASTORIA_GT3_3 24100	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01
ASTORIA_GT3_4 24101	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01
ASTORIA_GT4_1 24102	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01
ASTORIA_GT4_2 24103	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01
ASTORIA_GT4_3 24104	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01

ASTORIA_GT4_4 24105	35.65 1.86 -0.01	33.74 1.94 -0.01	32.66 1.79 -0.01	31.74 1.71 -0.01	31.98 1.72 -0.01	35.28 1.74 -0.01	52.30 3.28 0.01	58.95 4.05 1.42	54.09 3.49 0.76	47.09 3.13 0.10	45.90 3.01 0.04	42.18 2.83 0.01	41.03 2.77 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.13 3.18 0.86	54.60 3.20 0.19	63.28 3.66 1.46	57.93 3.17 0.79	48.57 2.71 0.04	42.33 2.24 -0.01	38.60 1.66 -0.01
ASTORIA_GT_1 23523	35.69 1.89 -0.01	33.77 1.97 -0.01	32.66 1.79 -0.01	31.80 1.77 -0.01	32.00 1.75 -0.01	35.32 1.78 -0.01	52.35 3.34 0.01	59.05 4.17 1.43	54.19 3.59 0.76	47.18 3.21 0.10	45.98 3.09 0.04	42.26 2.91 0.01	41.10 2.85 0.28	39.66 2.70 0.04	39.31 2.78 0.04	42.87 3.03 0.01	44.40 3.02 0.01	49.23 3.28 0.86	54.71 3.30 0.19	63.39 3.79 1.46	58.03 3.28 0.80	48.66 2.80 0.04	42.37 2.28 -0.01	38.64 1.70 -0.01
ASTORIA_GT_10 24110	35.82 2.03 -0.01	33.77 1.97 -0.01	32.72 1.85 -0.01	31.83 1.80 -0.01	32.01 1.75 -0.01	35.49 1.94 -0.01	52.61 3.58 -0.01	59.23 4.34 1.42	54.44 3.70 0.62	53.37 3.26 -6.05	53.37 3.13 -7.31	54.12 2.95 -11.81	54.83 2.85 -13.45	54.87 2.74 -15.13	54.87 2.82 -15.48	54.87 3.07 -11.94	54.87 3.06 -10.42	54.87 3.32 -4.73	60.13 3.40 -5.13	63.46 3.85 1.46	58.15 3.39 0.79	49.94 2.94 -1.11	44.48 2.48 -1.91	39.30 1.92 -0.45
ASTORIA_GT_11 24225	35.82 2.03 -0.01	33.77 1.97 -0.01	32.72 1.85 -0.01	31.83 1.80 -0.01	32.01 1.75 -0.01	35.49 1.94 -0.01	52.61 3.58 -0.01	59.23 4.34 1.42	54.44 3.70 0.62	53.37 3.26 -6.05	53.37 3.13 -7.31	54.12 2.95 -11.81	54.83 2.85 -13.45	54.87 2.74 -15.13	54.87 2.82 -15.48	54.87 3.07 -11.94	54.87 3.06 -10.42	54.87 3.32 -4.73	60.13 3.40 -5.13	63.46 3.85 1.46	58.15 3.39 0.79	49.94 2.94 -1.11	44.48 2.48 -1.91	39.30 1.92 -0.45
ASTORIA_GT_12 24226	35.82 2.03 -0.01	33.77 1.97 -0.01	32.72 1.85 -0.01	31.83 1.80 -0.01	32.01 1.75 -0.01	35.49 1.94 -0.01	52.61 3.58 -0.01	59.23 4.34 1.42	54.44 3.70 0.62	53.37 3.26 -6.05	53.37 3.13 -7.31	54.12 2.95 -11.81	54.83 2.85 -13.45	54.87 2.74 -15.13	54.87 2.82 -15.48	54.87 3.07 -11.94	54.87 3.06 -10.42	54.87 3.32 -4.73	60.13 3.40 -5.13	63.46 3.85 1.46	58.15 3.39 0.79	49.94 2.94 -1.11	44.48 2.48 -1.91	39.30 1.92 -0.45
ASTORIA_GT_13 24227	35.82 2.03 -0.01	33.77 1.97 -0.01	32.72 1.85 -0.01	31.83 1.80 -0.01	32.01 1.75 -0.01	35.49 1.94 -0.01	52.61 3.58 -0.01	59.23 4.34 1.42	54.44 3.70 0.62	53.37 3.26 -6.05	53.37 3.13 -7.31	54.12 2.95 -11.81	54.83 2.85 -13.45	54.87 2.74 -15.13	54.87 2.82 -15.48	54.87 3.07 -11.94	54.87 3.06 -10.42	54.87 3.32 -4.73	60.13 3.40 -5.13	63.46 3.85 1.46	58.15 3.39 0.79	49.94 2.94 -1.11	44.48 2.48 -1.91	39.30 1.92 -0.45
ASTORIA_GT_5 24106	35.69 1.89 -0.01	33.77 1.97 -0.01	32.69 1.82 -0.01	31.77 1.74 -0.01	32.01 1.75 -0.01	35.32 1.78 -0.01	52.35 3.33 0.01	59.06 4.17 1.42	54.19 3.60 0.76	47.18 3.22 0.10	45.98 3.09 0.04	42.26 2.91 0.01	41.10 2.85 0.28	39.66 2.70 0.04	39.31 2.78 0.04	42.88 3.03 0.01	44.40 3.02 0.01	49.23 3.28 0.86	54.70 3.30 0.19	63.40 3.79 1.46	58.04 3.28 0.79	48.66 2.80 0.04	42.41 2.32 -0.01	38.64 1.70 -0.01
ASTORIA_GT_7 24107	35.69 1.89 -0.01	33.77 1.97 -0.01	32.69 1.82 -0.01	31.77 1.74 -0.01	32.01 1.75 -0.01	35.32 1.78 -0.01	52.35 3.33 0.01	59.06 4.17 1.42	54.19 3.60 0.76	47.18 3.22 0.10	45.98 3.09 0.04	42.26 2.91 0.01	41.10 2.85 0.28	39.66 2.70 0.04	39.31 2.78 0.04	42.88 3.03 0.01	44.40 3.02 0.01	49.23 3.28 0.86	54.70 3.30 0.19	63.40 3.79 1.46	58.04 3.28 0.79	48.66 2.80 0.04	42.41 2.32 -0.01	38.64 1.70 -0.01
ASTORIA_GT_8 24108	35.69 1.89 -0.01	33.77 1.97 -0.01	32.69 1.82 -0.01	31.77 1.74 -0.01	32.01 1.75 -0.01	35.32 1.78 -0.01	52.35 3.33 0.01	59.06 4.17 1.42	54.19 3.60 0.76	47.18 3.22 0.10	45.98 3.09 0.04	42.26 2.91 0.01	41.10 2.85 0.28	39.66 2.70 0.04	39.31 2.78 0.04	42.88 3.03 0.01	44.40 3.02 0.01	49.23 3.28 0.86	54.70 3.30 0.19	63.40 3.79 1.46	58.04 3.28 0.79	48.66 2.80 0.04	42.41 2.32 -0.01	38.64 1.70 -0.01
ASTORIA___2 24149	35.65 1.86 -0.01	33.74 1.94 -0.01	32.63 1.76 -0.01	31.77 1.74 -0.01	31.97 1.72 -0.01	35.28 1.74 -0.01	52.25 3.23 0.01	58.94 4.06 1.43	54.09 3.49 0.76	47.09 3.13 0.10	45.89 3.00 0.04	42.18 2.84 0.01	41.03 2.78 0.28	39.59 2.63 0.04	39.24 2.71 0.04	42.80 2.95 0.01	44.32 2.94 0.01	49.14 3.18 0.86	54.60 3.20 0.19	63.27 3.66 1.46	57.92 3.16 0.80	48.61 2.75 0.04	42.29 2.20 -0.01	38.60 1.66 -0.01
ASTORIA___3 23516	35.82 2.03 -0.01	33.77 1.97 -0.01	32.72 1.85 -0.01	31.83 1.80 -0.01	32.04 1.78 -0.01	35.48 1.94 -0.01	52.61 3.58 -0.01	59.23 4.34 1.42	54.44 3.70 0.62	53.37 3.26 -6.05	53.37 3.13 -7.31	54.12 2.95 -11.81	54.87 2.89 -13.45	54.87 2.74 -15.13	54.87 2.82 -15.48	54.87 3.07 -11.94	54.87 3.06 -10.42	54.87 3.32 -4.73	60.12 3.40 -5.13	63.52 3.91 1.46	58.15 3.39 0.79	49.95 2.94 -1.11	44.44 2.45 -1.91	39.30 1.92 -0.45
ASTORIA___4 23517	35.82 2.03 -0.01	33.77 1.97 -0.01	32.72 1.85 -0.01	31.83 1.80 -0.01	32.01 1.75 -0.01	35.49 1.94 -0.01	52.61 3.58 -0.01	59.23 4.34 1.42	54.44 3.70 0.62	53.37 3.26 -6.05	53.37 3.13 -7.31	54.12 2.95 -11.81	54.83 2.85 -13.45	54.87 2.74 -15.13	54.87 2.82 -15.48	54.87 3.07 -11.94	54.87 3.06 -10.42	54.87 3.32 -4.73	60.13 3.40 -5.13	63.46 3.85 1.46	58.15 3.39 0.79	49.94 2.94 -1.11	44.48 2.48 -1.91	39.30 1.92 -0.45
ASTORIA___5 23518	35.82 2.03 -0.01	33.77 1.97 -0.01	32.72 1.85 -0.01	31.83 1.80 -0.01	32.04 1.78 -0.01	35.48 1.94 -0.01	52.61 3.58 -0.01	59.23 4.34 1.42	54.44 3.70 0.62	53.37 3.26 -6.05	53.37 3.13 -7.31	54.12 2.95 -11.81	54.87 2.89 -13.45	54.87 2.74 -15.13	54.87 2.82 -15.48	54.87 3.07 -11.94	54.87 3.06 -10.42	54.87 3.32 -4.73	60.12 3.40 -5.13	63.52 3.91 1.46	58.15 3.39 0.79	49.95 2.94 -1.11	44.44 2.45 -1.91	39.30 1.92 -0.45
AST_ENERGY_2_CC3 323677	35.65 1.86 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.88 1.63 0.00	35.28 1.74 0.00	52.36 3.34 0.00	58.89 4.00 1.42	54.00 3.39 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.14 2.60 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	63.21 3.60 1.46	57.82 3.05 0.79	48.48 2.61 0.03	42.28 2.20 0.00	38.63 1.70 0.00
AST_ENERGY_2_CC4 323678	35.65 1.86 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.88 1.63 0.00	35.28 1.74 0.00	52.36 3.34 0.00	58.89 4.00 1.42	54.00 3.39 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.14 2.60 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	63.21 3.60 1.46	57.82 3.05 0.79	48.48 2.61 0.03	42.28 2.20 0.00	38.63 1.70 0.00

ATHENS_STG_1 23668	34.90 1.11 0.00	32.90 1.11 0.00	31.88 1.02 0.00	31.01 0.99 0.00	31.24 1.00 0.00	34.64 1.10 0.00	50.99 1.96 0.00	57.03 2.14 1.42	52.56 1.95 0.75	45.60 1.63 0.09	44.49 1.59 0.03	40.81 1.46 0.00	39.64 1.39 0.27	38.30 1.33 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.84 1.45 0.00	47.55 1.59 0.85	53.11 1.70 0.18	61.57 1.95 1.46	56.43 1.67 0.79	47.24 1.38 0.03	41.24 1.16 0.00	37.85 0.92 0.00
ATHENS_STG_2 23670	34.90 1.11 0.00	32.90 1.11 0.00	31.88 1.02 0.00	31.01 0.99 0.00	31.24 1.00 0.00	34.64 1.10 0.00	50.99 1.96 0.00	57.03 2.14 1.42	52.56 1.95 0.75	45.60 1.63 0.09	44.49 1.59 0.03	40.81 1.46 0.00	39.64 1.39 0.27	38.30 1.33 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.84 1.45 0.00	47.55 1.59 0.85	53.11 1.70 0.18	61.57 1.95 1.46	56.43 1.67 0.79	47.24 1.38 0.03	41.24 1.16 0.00	37.85 0.92 0.00
ATHENS_STG_3 23677	34.90 1.11 0.00	32.90 1.11 0.00	31.88 1.02 0.00	31.01 0.99 0.00	31.24 1.00 0.00	34.64 1.10 0.00	50.99 1.96 0.00	57.03 2.14 1.42	52.56 1.95 0.75	45.60 1.63 0.09	44.49 1.59 0.03	40.81 1.46 0.00	39.64 1.39 0.27	38.30 1.33 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.84 1.45 0.00	47.55 1.59 0.85	53.11 1.70 0.18	61.57 1.95 1.46	56.43 1.67 0.79	47.24 1.38 0.03	41.24 1.16 0.00	37.85 0.92 0.00
AUBURN___LFGE 323710	33.35 -0.44 0.00	31.31 -0.48 0.00	30.40 -0.46 0.00	29.57 -0.45 0.00	29.82 -0.42 0.00	33.16 -0.37 0.00	48.39 -0.64 0.00	53.44 -0.62 2.25	49.66 -0.51 1.19	43.38 -0.53 0.15	42.48 -0.52 -0.07	39.02 -0.47 -0.13	37.77 -0.50 0.26	36.50 -0.44 0.06	36.11 -0.40 0.06	39.41 -0.44 0.01	41.06 -0.33 0.00	45.04 -0.42 1.36	50.89 -0.41 0.29	58.39 -0.37 2.31	53.96 -0.28 1.32	45.52 -0.32 0.06	39.72 -0.36 0.00	36.78 -0.15 0.00
BABYLON_RES_REC 323704	35.98 2.19 0.00	34.05 2.26 0.00	32.93 2.07 0.00	32.03 2.01 0.00	32.21 1.96 0.00	35.95 2.42 0.00	52.95 3.92 0.00	60.02 5.12 1.42	54.41 3.80 0.75	47.41 3.44 0.09	46.12 3.22 0.03	42.43 3.07 0.00	41.07 2.81 0.27	39.67 2.70 0.03	39.40 2.85 0.03	43.04 3.19 0.00	44.66 3.27 0.00	49.37 3.42 0.85	54.71 3.30 0.18	63.70 4.09 1.46	57.99 3.22 0.79	48.85 2.98 0.03	42.52 2.45 0.00	38.81 1.88 0.00
BABYLON___69_KV_BK2 356345	36.32 2.53 0.00	34.36 2.57 0.00	33.30 2.44 0.00	32.30 2.28 0.00	32.45 2.21 0.00	36.28 2.75 0.00	53.49 4.46 0.00	60.69 5.80 1.42	54.92 4.31 0.75	47.76 3.79 0.09	46.42 3.52 0.03	42.74 3.38 0.00	41.34 3.08 0.27	39.97 3.00 0.03	39.69 3.15 0.03	43.36 3.51 0.00	44.99 3.60 0.00	49.80 3.84 0.85	55.12 3.71 0.18	64.13 4.52 1.46	58.60 3.83 0.79	49.22 3.35 0.03	43.05 2.97 0.00	39.14 2.22 0.00
BALL_HILL_WT_PWR 323825	30.78 -3.01 0.00	28.90 -2.89 0.00	28.21 -2.65 0.00	27.41 -2.61 0.00	27.64 -2.60 0.00	30.75 -2.78 0.00	45.01 -4.02 0.00	46.62 -5.24 4.46	44.20 -4.72 2.43	39.82 -3.97 0.27	38.42 -3.69 0.82	35.22 -3.35 0.79	33.23 -3.43 1.87	33.52 -3.40 0.08	33.17 -3.33 0.08	36.26 -3.59 0.01	38.04 -3.35 0.00	39.56 -4.59 2.67	45.99 -5.05 0.54	50.83 -5.68 4.56	48.13 -5.16 2.26	41.65 -4.18 0.08	37.27 -2.81 0.00	34.93 -1.99 0.00
BARON_WINDS___WT_PWR 323822	31.19 -2.60 0.00	29.31 -2.48 0.00	28.52 -2.35 0.00	27.71 -2.31 0.00	27.94 -2.30 0.00	31.12 -2.41 0.00	45.49 -3.53 0.00	47.27 -4.34 4.71	44.58 -3.95 2.82	40.28 -3.48 0.30	33.36 -3.56 6.00	29.64 -3.27 6.45	26.30 -3.20 9.04	33.86 -3.07 0.07	33.58 -2.93 0.07	36.78 -3.07 0.01	38.61 -2.77 0.00	40.86 -3.14 2.82	47.67 -3.35 0.56	52.40 -3.85 4.83	49.76 -3.56 2.24	42.76 -3.07 0.07	37.75 -2.33 0.00	35.05 -1.88 0.00
BARRETT_IC_1 23704	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BARRETT_IC_10 23701	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BARRETT_IC_11 23702	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BARRETT_IC_12 23703	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BARRETT_IC_2 23705	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BARRETT_IC_3 23706	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BARRETT_IC_4 23707	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00

BARRETT_IC_5 23708	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BARRETT_IC_6 23709	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BARRETT_IC_7 23710	35.75 1.96 0.00	33.76 1.97 0.00	32.71 1.85 0.00	31.76 1.74 0.00	31.94 1.69 0.00	35.58 2.05 0.00	52.21 3.19 0.00	59.11 4.22 1.42	53.84 3.24 0.75	46.88 2.91 0.09	45.65 2.75 0.03	41.99 2.64 0.00	40.72 2.47 0.27	39.34 2.37 0.03	38.99 2.45 0.03	42.56 2.71 0.00	44.12 2.73 0.00	48.86 2.90 0.85	54.14 2.73 0.18	62.91 3.30 1.46	57.54 2.78 0.79	48.49 2.62 0.03	42.44 2.36 0.00	38.66 1.74 0.00
BARRETT_IC_8 23711	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BARRETT_IC_9 23700	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BARRETT___1 23545	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BARRETT___2 23546	35.75 1.96 0.00	33.76 1.97 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.26 3.23 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.34 2.37 0.03	39.03 2.49 0.03	42.64 2.79 0.00	44.20 2.82 0.00	48.86 2.90 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.54 2.78 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
BATAVIA__115KV_TB1 55881	31.56 -2.23 0.00	29.56 -2.23 0.00	28.80 -2.07 0.00	27.95 -2.07 0.00	28.28 -1.97 0.00	31.52 -2.01 0.00	45.79 -3.24 0.00	48.39 -3.49 4.43	45.96 -2.98 2.42	41.05 -2.73 0.28	39.46 -2.66 0.81	36.11 -2.48 0.77	34.22 -2.47 1.84	34.66 -2.26 0.08	34.19 -2.30 0.08	37.22 -2.63 0.01	38.95 -2.44 0.00	41.16 -3.00 2.66	47.95 -3.10 0.54	53.11 -3.42 4.54	50.31 -2.94 2.30	43.43 -2.39 0.08	37.92 -2.16 0.00	35.60 -1.33 0.00
BAYONEEC___CTG1 323682	35.54 1.76 0.00	33.50 1.72 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.79 1.54 0.00	35.21 1.68 0.00	52.31 3.29 0.00	58.83 3.94 1.42	53.94 3.34 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	61.14 3.60 3.53	57.82 3.05 0.79	48.48 2.61 0.03	42.20 2.12 0.00	38.55 1.62 0.00
BAYONEEC___CTG10 323750	35.54 1.76 0.00	33.50 1.72 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.79 1.54 0.00	35.21 1.68 0.00	52.31 3.29 0.00	58.83 3.94 1.42	53.94 3.34 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	61.14 3.60 3.53	57.82 3.05 0.79	48.48 2.61 0.03	42.20 2.12 0.00	38.55 1.62 0.00
BAYONEEC___CTG2 323683	35.54 1.76 0.00	33.50 1.72 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.79 1.54 0.00	35.21 1.68 0.00	52.31 3.29 0.00	58.83 3.94 1.42	53.94 3.34 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	61.14 3.60 3.53	57.82 3.05 0.79	48.48 2.61 0.03	42.20 2.12 0.00	38.55 1.62 0.00
BAYONEEC___CTG3 323684	35.54 1.76 0.00	33.50 1.72 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.79 1.54 0.00	35.21 1.68 0.00	52.31 3.29 0.00	58.83 3.94 1.42	53.94 3.34 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	61.14 3.60 3.53	57.82 3.05 0.79	48.48 2.61 0.03	42.20 2.12 0.00	38.55 1.62 0.00
BAYONEEC___CTG4 323685	35.54 1.76 0.00	33.50 1.72 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.79 1.54 0.00	35.21 1.68 0.00	52.31 3.29 0.00	58.83 3.94 1.42	53.94 3.34 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	61.14 3.60 3.53	57.82 3.05 0.79	48.48 2.61 0.03	42.20 2.12 0.00	38.55 1.62 0.00
BAYONEEC___CTG5 323686	35.54 1.76 0.00	33.50 1.72 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.79 1.54 0.00	35.21 1.68 0.00	52.31 3.29 0.00	58.83 3.94 1.42	53.94 3.34 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	61.14 3.60 3.53	57.82 3.05 0.79	48.48 2.61 0.03	42.20 2.12 0.00	38.55 1.62 0.00
BAYONEEC___CTG6 323687	35.54 1.76 0.00	33.50 1.72 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.79 1.54 0.00	35.21 1.68 0.00	52.31 3.29 0.00	58.83 3.94 1.42	53.94 3.34 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	61.14 3.60 3.53	57.82 3.05 0.79	48.48 2.61 0.03	42.20 2.12 0.00	38.55 1.62 0.00

BAYONEEC___CTG7 323688	35.54 1.76 0.00	33.50 1.72 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.79 1.54 0.00	35.21 1.68 0.00	52.31 3.29 0.00	58.83 3.94 1.42	53.94 3.34 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	61.14 3.60 3.53	57.82 3.05 0.79	48.48 2.61 0.03	42.20 2.12 0.00	38.55 1.62 0.00
BAYONEEC___CTG8 323689	35.54 1.76 0.00	33.50 1.72 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.79 1.54 0.00	35.21 1.68 0.00	52.31 3.29 0.00	58.83 3.94 1.42	53.94 3.34 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	61.14 3.60 3.53	57.82 3.05 0.79	48.48 2.61 0.03	42.20 2.12 0.00	38.55 1.62 0.00
BAYONEEC___CTG9 323749	35.54 1.76 0.00	33.50 1.72 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.79 1.54 0.00	35.21 1.68 0.00	52.31 3.29 0.00	58.83 3.94 1.42	53.94 3.34 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	61.14 3.60 3.53	57.82 3.05 0.79	48.48 2.61 0.03	42.20 2.12 0.00	38.55 1.62 0.00
BEACON___LESR 323632	35.17 1.39 0.00	33.19 1.40 0.00	32.16 1.30 0.00	31.28 1.26 0.00	31.51 1.27 0.00	35.04 1.51 0.00	51.43 2.40 0.00	57.48 2.54 1.37	53.05 2.41 0.73	45.96 1.98 0.09	44.74 1.84 0.03	41.01 1.65 0.00	39.85 1.58 0.26	38.41 1.44 0.03	38.04 1.50 0.03	41.57 1.71 0.00	43.00 1.61 0.00	47.86 1.87 0.83	53.37 1.96 0.17	61.98 2.32 1.41	56.79 2.00 0.76	47.48 1.61 0.03	41.44 1.36 0.00	38.04 1.11 0.00
BEAVER RIVER___HYD 24048	35.72 -0.37 -2.30	33.54 -0.45 -2.19	32.52 -0.37 -2.02	31.76 -0.36 -2.10	31.99 -0.36 -2.11	35.52 -0.30 -2.29	51.51 -0.49 -2.98	58.00 -0.34 -2.02	53.24 -0.61 -2.49	46.35 -0.53 -2.82	45.17 -0.56 -2.80	38.69 -0.67 0.00	37.54 -0.69 0.30	36.26 -0.70 0.03	35.81 -0.73 0.03	39.18 -0.68 0.00	40.85 -0.54 0.00	45.50 -0.38 0.93	51.29 -0.10 0.20	59.85 0.37 1.59	55.19 0.50 0.86	46.05 0.18 0.03	40.08 0.00 0.00	36.93 0.00 0.00
BEEBEE_GT_13 23619	31.96 -1.82 0.00	29.94 -1.84 0.00	29.17 -1.70 0.00	28.31 -1.71 0.00	28.61 -1.63 0.00	31.82 -1.71 0.00	46.23 -2.79 0.00	49.05 -2.87 4.40	46.45 -2.52 2.39	41.58 -2.20 0.28	40.34 -2.15 0.44	37.01 -1.97 0.38	35.27 -1.93 1.34	35.18 -1.74 0.09	34.66 -1.83 0.09	37.78 -2.07 0.01	39.36 -2.03 0.00	41.88 -2.29 2.64	48.62 -2.42 0.54	53.82 -2.75 4.50	50.85 -2.39 2.32	43.75 -2.07 0.09	38.08 -2.00 0.00	35.60 -1.33 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.23 2.37 -15.07	34.09 2.29 -0.01	33.13 2.16 -0.11	32.23 2.10 -0.11	32.31 2.06 -0.01	50.60 2.28 -14.79	53.10 4.07 -0.01	59.85 4.96 1.42	55.62 4.16 -0.10	61.32 3.66 -13.60	61.98 3.48 -15.57	66.26 3.27 -23.63	68.11 3.20 -26.38	69.48 3.03 -29.45	69.81 3.11 -30.13	66.91 3.43 -23.62	65.65 3.44 -20.83	61.56 3.75 -11.00	92.24 3.92 -36.74	92.29 4.52 -26.70	58.77 4.00 0.78	57.03 3.30 -7.82	56.30 2.85 -13.38	51.40 2.29 -12.18
BETHLEHEM___GRP 23843	34.80 1.01 0.00	32.87 1.08 0.00	31.88 1.02 0.00	30.98 0.96 0.00	31.21 0.97 0.00	34.64 1.11 0.00	50.79 1.76 0.00	56.74 1.80 1.37	52.38 1.75 0.73	45.43 1.45 0.09	44.23 1.33 0.03	40.58 1.22 0.00	39.42 1.16 0.26	38.04 1.07 0.03	37.68 1.13 0.03	41.09 1.24 0.00	42.55 1.16 0.00	47.30 1.31 0.83	52.70 1.29 0.17	61.13 1.47 1.41	56.01 1.22 0.76	46.88 1.01 0.03	40.96 0.88 0.00	37.63 0.70 0.00
BETHLEHEM___GS1 323560	34.80 1.01 0.00	32.87 1.08 0.00	31.85 0.99 0.00	30.98 0.96 0.00	31.21 0.97 0.00	34.64 1.10 0.00	50.79 1.76 0.00	56.74 1.80 1.37	52.38 1.75 0.73	45.42 1.45 0.09	44.23 1.33 0.03	40.58 1.22 0.00	39.42 1.15 0.26	38.04 1.07 0.03	37.68 1.14 0.03	41.09 1.24 0.00	42.54 1.16 0.00	47.30 1.31 0.83	52.71 1.29 0.17	61.13 1.46 1.41	56.01 1.22 0.76	46.88 1.01 0.03	40.96 0.88 0.00	37.63 0.70 0.00
BETHLEHEM___GS2 323561	34.80 1.01 0.00	32.87 1.08 0.00	31.85 0.99 0.00	30.98 0.96 0.00	31.21 0.97 0.00	34.64 1.10 0.00	50.79 1.76 0.00	56.74 1.80 1.37	52.38 1.75 0.73	45.42 1.45 0.09	44.23 1.33 0.03	40.58 1.22 0.00	39.42 1.15 0.26	38.04 1.07 0.03	37.68 1.14 0.03	41.09 1.24 0.00	42.54 1.16 0.00	47.30 1.31 0.83	52.71 1.29 0.17	61.13 1.46 1.41	56.01 1.22 0.76	46.88 1.01 0.03	40.96 0.88 0.00	37.63 0.70 0.00
BETHLEHEM___GS3 323562	34.80 1.01 0.00	32.87 1.08 0.00	31.85 0.99 0.00	30.98 0.96 0.00	31.21 0.97 0.00	34.64 1.10 0.00	50.79 1.76 0.00	56.74 1.80 1.37	52.38 1.75 0.73	45.42 1.45 0.09	44.23 1.33 0.03	40.58 1.22 0.00	39.42 1.15 0.26	38.04 1.07 0.03	37.68 1.14 0.03	41.09 1.24 0.00	42.54 1.16 0.00	47.30 1.31 0.83	52.71 1.29 0.17	61.13 1.46 1.41	56.01 1.22 0.76	46.88 1.01 0.03	40.96 0.88 0.00	37.63 0.70 0.00
BETHLEHEM___STEEL 23779	30.85 -2.94 0.00	28.93 -2.86 0.00	28.18 -2.69 0.00	27.41 -2.61 0.00	27.70 -2.54 0.00	30.78 -2.75 0.00	44.76 -4.27 0.00	46.34 -5.52 4.46	44.09 -4.83 2.44	39.78 -4.01 0.28	38.36 -3.69 0.88	35.16 -3.35 0.85	33.16 -3.43 1.94	33.55 -3.37 0.08	33.27 -3.22 0.08	36.30 -3.55 0.01	37.95 -3.44 0.00	39.51 -4.63 2.67	45.78 -5.26 0.54	50.52 -5.98 4.57	47.89 -5.39 2.28	41.64 -4.18 0.08	36.91 -3.17 0.00	34.86 -2.07 0.00
BETHLHEM_115KV_TB1 79974	34.80 1.01 0.00	32.84 1.05 0.00	31.85 0.99 0.00	30.98 0.96 0.00	31.18 0.94 0.00	34.61 1.07 0.00	50.79 1.76 0.00	56.74 1.80 1.37	52.33 1.69 0.73	45.38 1.41 0.09	44.23 1.33 0.03	40.58 1.22 0.00	39.42 1.16 0.26	38.01 1.04 0.03	37.64 1.10 0.03	41.09 1.24 0.00	42.55 1.16 0.00	47.25 1.26 0.82	52.70 1.29 0.17	61.13 1.47 1.41	56.07 1.28 0.76	46.93 1.06 0.03	40.96 0.88 0.00	37.63 0.70 0.00
BETHPAGE_CC_5 323564	35.92 2.13 0.00	33.92 2.13 0.00	32.81 1.95 0.00	31.94 1.92 0.00	32.12 1.88 0.00	35.81 2.28 0.00	52.65 3.63 0.00	59.62 4.73 1.42	54.20 3.59 0.75	47.28 3.31 0.09	45.99 3.09 0.03	42.31 2.95 0.00	40.99 2.74 0.27	39.60 2.63 0.03	39.32 2.78 0.03	42.92 3.07 0.00	44.53 3.14 0.00	49.23 3.28 0.85	54.56 3.15 0.18	63.46 3.85 1.46	57.82 3.05 0.79	48.72 2.85 0.03	42.40 2.32 0.00	38.77 1.85 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.85 -2.94 0.00	28.96 -2.83 0.00	28.21 -2.65 0.00	27.44 -2.58 0.00	27.70 -2.54 0.00	30.82 -2.72 0.00	44.86 -4.17 0.00	46.28 -5.58 4.46	44.09 -4.83 2.44	39.78 -4.01 0.28	38.43 -3.65 0.85	35.23 -3.31 0.82	33.19 -3.43 1.91	33.52 -3.40 0.08	33.28 -3.22 0.08	36.34 -3.51 0.01	38.04 -3.35 0.00	39.46 -4.68 2.67	45.73 -5.31 0.54	50.45 -6.05 4.57	47.78 -5.50 2.27	41.60 -4.22 0.08	36.95 -3.13 0.00	34.90 -2.03 0.00

BINGHAMTON___COGEN 23790	33.28 -0.51 0.00	31.28 -0.51 0.00	30.40 -0.46 0.00	29.54 -0.48 0.00	29.79 -0.45 0.00	33.10 -0.44 0.00	48.49 -0.54 0.00	52.57 -0.79 2.95	49.29 -0.72 1.35	43.24 -0.66 0.16	42.23 -0.64 0.06	38.77 -0.59 0.00	37.43 -0.62 0.49	36.32 -0.63 0.06	36.00 -0.51 0.06	39.33 -0.52 0.01	40.93 -0.46 0.00	44.34 -0.70 1.77	50.45 -0.77 0.36	57.31 -0.73 3.02	53.35 -0.67 1.54	45.25 -0.60 0.06	39.68 -0.40 0.00	36.71 -0.22 0.00
BIXINCNT_115KV_LOAD 355685	29.87 -3.92 0.00	28.07 -3.72 0.00	27.38 -3.49 0.00	26.66 -3.36 0.00	26.89 -3.36 0.00	30.01 -3.52 0.00	43.98 -5.05 0.00	45.18 -6.65 4.48	43.16 -5.75 2.45	38.98 -4.80 0.27	37.66 -4.55 0.72	34.51 -4.17 0.67	32.45 -4.35 1.73	32.52 -4.40 0.08	32.40 -4.10 0.08	35.78 -4.07 0.01	37.75 -3.64 0.00	38.84 -5.29 2.69	45.11 -5.93 0.54	49.51 -6.96 4.59	46.47 -6.83 2.26	40.36 -5.46 0.08	35.91 -4.17 0.00	33.90 -3.03 0.00
BLACK RIVER___HYD 24047	35.54 0.10 -1.65	33.33 -0.03 -1.57	32.35 0.03 -1.45	31.56 0.03 -1.51	31.79 0.03 -1.51	35.34 0.17 -1.64	51.36 0.20 -2.14	57.53 0.40 -0.82	52.77 -0.05 -1.46	46.00 -0.04 -1.98	44.80 -0.13 -1.99	39.08 -0.27 0.00	37.85 -0.35 0.33	36.56 -0.41 0.04	36.10 -0.44 0.04	39.58 -0.28 0.00	41.26 -0.12 0.00	45.95 0.19 1.05	51.99 0.62 0.22	60.74 1.46 1.79	56.14 1.55 0.97	46.83 0.97 0.04	40.72 0.64 0.00	37.52 0.59 0.00
BLACKRVR_115KV_TB2 79977	35.54 0.10 -1.65	33.33 -0.03 -1.57	32.35 0.03 -1.45	31.56 0.03 -1.51	31.79 0.03 -1.51	35.34 0.17 -1.64	51.36 0.20 -2.14	57.47 0.34 -0.82	52.77 -0.05 -1.46	46.00 -0.04 -1.98	44.88 -0.04 -1.99	39.04 -0.31 0.00	37.85 -0.35 0.33	36.56 -0.41 0.04	36.10 -0.44 0.04	39.57 -0.28 0.00	41.26 -0.12 0.00	45.95 0.19 1.05	51.99 0.62 0.22	60.75 1.47 1.79	56.14 1.56 0.97	46.87 1.01 0.04	40.68 0.60 0.00	37.52 0.59 0.00
BLISS_WT_PWR 323608	29.50 -4.29 0.00	27.75 -4.04 0.00	27.10 -3.77 0.00	26.39 -3.63 0.00	26.55 -3.69 0.00	29.71 -3.82 0.00	43.54 -5.49 0.00	44.79 -7.04 4.48	42.85 -6.06 2.45	38.68 -5.11 0.27	37.32 -4.90 0.72	34.20 -4.49 0.67	32.14 -4.66 1.73	32.19 -4.74 0.08	31.89 -4.61 0.08	35.27 -4.58 0.01	37.54 -3.85 0.00	38.65 -5.48 2.69	44.96 -6.09 0.54	49.15 -7.33 4.59	46.02 -7.28 2.26	39.72 -6.10 0.08	35.71 -4.37 0.00	33.50 -3.43 0.00
BLUESTONE___WT_PWR 323821	34.26 0.47 0.00	32.17 0.38 0.00	31.29 0.43 0.00	30.44 0.42 0.00	30.64 0.39 0.00	34.10 0.57 0.00	50.10 1.08 0.00	55.75 1.41 1.97	51.56 1.13 0.93	44.95 1.01 0.13	44.00 0.86 -0.22	40.31 0.67 -0.28	39.17 0.61 -0.02	37.50 0.56 0.05	37.14 0.62 0.05	40.73 0.88 0.01	42.63 1.24 0.00	47.08 1.45 1.19	53.14 1.80 0.26	61.68 2.62 2.02	56.80 2.44 1.20	47.64 1.79 0.05	41.60 1.52 0.00	38.33 1.40 0.00
BLUE_CIRC_CHEM_DRP 24182	34.94 1.15 0.00	32.93 1.14 0.00	31.94 1.08 0.00	31.07 1.05 0.00	31.30 1.06 0.00	34.71 1.17 0.00	50.94 1.91 0.00	56.86 1.91 1.37	52.43 1.80 0.73	45.43 1.45 0.09	44.19 1.29 0.03	40.50 1.14 0.00	39.31 1.04 0.26	37.93 0.96 0.03	37.57 1.02 0.03	41.01 1.16 0.00	42.50 1.12 0.00	47.35 1.36 0.82	52.86 1.44 0.17	61.37 1.71 1.41	56.29 1.50 0.76	47.11 1.24 0.03	41.16 1.08 0.00	37.85 0.92 0.00
BOC_GAS_DRP 24189	34.70 0.91 0.00	32.71 0.92 0.00	31.73 0.86 0.00	30.86 0.84 0.00	31.06 0.82 0.00	34.47 0.94 0.00	50.59 1.57 0.00	56.58 1.63 1.37	52.13 1.49 0.72	45.25 1.28 0.09	44.10 1.20 0.03	40.46 1.10 0.00	39.31 1.04 0.26	37.93 0.96 0.03	37.57 1.02 0.03	40.97 1.12 0.00	42.42 1.03 0.00	47.16 1.17 0.82	52.60 1.19 0.17	61.01 1.34 1.40	55.96 1.17 0.76	46.83 0.96 0.03	40.92 0.84 0.00	37.59 0.66 0.00
BOONVILLE_115KV_TB1 79983	35.04 0.34 -0.91	32.91 0.25 -0.87	31.94 0.28 -0.80	31.12 0.27 -0.83	31.35 0.27 -0.83	34.81 0.37 -0.90	50.84 0.64 -1.18	56.71 0.79 0.39	52.33 0.62 -0.35	45.62 0.53 -1.04	44.52 0.52 -1.08	39.67 0.31 0.00	38.46 0.27 0.35	37.18 0.22 0.04	36.75 0.22 0.04	40.17 0.32 0.00	41.84 0.46 0.00	46.38 0.66 1.09	52.24 0.88 0.23	60.50 1.28 1.85	55.83 1.28 1.00	46.73 0.87 0.04	40.76 0.68 0.00	37.52 0.59 0.00
BORALEX_4TH_BRANCH 23824	35.65 1.86 0.00	33.63 1.84 0.00	32.59 1.73 0.00	31.73 1.71 0.00	31.94 1.69 0.00	35.44 1.91 0.00	52.06 3.04 0.00	57.91 2.98 1.38	53.55 2.93 0.73	46.35 2.38 0.09	45.17 2.28 0.03	41.36 2.01 0.00	40.19 1.93 0.27	38.78 1.81 0.03	38.41 1.87 0.03	41.85 1.99 0.00	43.13 1.74 0.00	47.99 2.01 0.83	53.74 2.32 0.17	62.15 2.50 1.42	56.90 2.11 0.77	47.61 1.74 0.03	41.64 1.56 0.00	38.22 1.29 0.00
BOWLINE___1 23526	35.10 1.32 0.00	33.12 1.33 0.00	32.10 1.24 0.00	31.22 1.20 0.00	31.42 1.18 0.00	34.81 1.27 0.00	51.57 2.55 0.00	57.98 3.10 1.43	53.17 2.57 0.76	46.17 2.20 0.09	45.00 2.10 0.03	41.32 1.97 0.00	40.18 1.93 0.27	38.78 1.81 0.03	38.44 1.90 0.03	41.93 2.07 0.00	43.41 2.03 0.00	48.16 2.20 0.86	53.68 2.27 0.18	62.36 2.75 1.46	57.10 2.33 0.79	47.80 1.93 0.03	41.64 1.56 0.00	38.11 1.18 0.00
BOWLINE___2 23595	35.10 1.32 0.00	33.12 1.33 0.00	32.10 1.24 0.00	31.22 1.20 0.00	31.42 1.18 0.00	34.81 1.27 0.00	51.57 2.55 0.00	57.92 3.04 1.43	53.17 2.57 0.76	46.17 2.20 0.09	45.00 2.10 0.03	41.32 1.97 0.00	40.18 1.93 0.27	38.78 1.81 0.03	38.44 1.90 0.03	41.93 2.07 0.00	43.41 2.03 0.00	48.16 2.20 0.86	53.68 2.27 0.18	62.36 2.75 1.46	57.10 2.33 0.79	47.80 1.93 0.03	41.64 1.56 0.00	38.11 1.18 0.00
BRADY___115KV_TB2 356060	36.47 -0.17 -2.85	34.25 -0.25 -2.72	32.95 -0.22 -2.30	32.44 -0.18 -2.60	32.67 -0.18 -2.61	36.20 -0.17 -2.83	51.82 -0.59 -3.38	59.85 -0.34 -3.87	54.61 -0.56 -3.81	47.24 -0.40 -3.57	46.13 -0.30 -3.50	39.04 -0.31 0.00	38.15 -0.27 0.11	36.77 -0.22 0.01	36.23 -0.33 0.01	39.50 -0.36 0.00	41.18 -0.21 0.00	46.29 -0.19 0.34	51.47 -0.05 0.07	60.68 0.18 0.57	55.52 0.28 0.31	46.12 0.23 0.01	40.28 0.20 0.00	37.15 0.22 0.00
BRANSCOMB___SOLAR 323811	35.17 1.39 0.00	33.12 1.33 0.00	32.10 1.24 0.00	31.22 1.20 0.00	31.45 1.21 0.00	34.94 1.41 0.00	51.57 2.55 0.00	57.52 2.59 1.39	53.09 2.47 0.74	45.91 1.94 0.09	44.62 1.72 0.03	40.85 1.50 0.00	39.61 1.35 0.27	38.12 1.15 0.03	37.79 1.24 0.03	41.37 1.51 0.00	42.84 1.45 0.00	47.85 1.87 0.84	53.48 2.07 0.17	62.09 2.45 1.42	56.89 2.11 0.77	47.61 1.74 0.03	41.52 1.44 0.00	38.07 1.15 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.22 2.43 0.00	34.30 2.51 0.00	33.21 2.35 0.00	32.24 2.22 0.00	32.39 2.15 0.00	36.25 2.72 0.00	53.39 4.36 0.00	60.58 5.69 1.42	54.77 4.16 0.75	47.63 3.66 0.09	46.29 3.39 0.03	42.62 3.27 0.00	41.23 2.97 0.27	39.82 2.85 0.03	39.58 3.04 0.03	43.24 3.39 0.00	44.82 3.44 0.00	49.61 3.65 0.85	54.87 3.46 0.18	63.89 4.27 1.46	58.32 3.56 0.79	48.99 3.12 0.03	42.84 2.77 0.00	38.96 2.03 0.00

BRISTLHL_115KV_TB1 79998	33.01 -0.78 0.00	31.03 -0.76 0.00	30.12 -0.74 0.00	29.30 -0.72 0.00	29.52 -0.73 0.00	32.76 -0.77 0.00	47.75 -1.27 0.00	53.59 -1.41 1.31	49.43 -1.23 0.70	42.92 -1.06 0.08	41.83 -1.07 0.03	38.37 -0.98 0.00	37.32 -0.96 0.25	36.08 -0.89 0.03	35.63 -0.91 0.03	38.90 -0.96 0.00	40.39 -0.99 0.00	44.90 -1.12 0.79	50.24 -1.19 0.17	58.44 -1.28 1.35	53.66 -1.17 0.73	44.82 -1.06 0.03	39.12 -0.96 0.00	36.19 -0.74 0.00
BROOKHAVEN___DRP 24191	35.95 2.16 0.00	34.24 2.45 0.00	33.18 2.31 0.00	32.21 2.19 0.00	32.36 2.12 0.00	36.15 2.62 0.00	53.44 4.41 0.00	60.75 5.86 1.42	54.25 3.65 0.75	46.97 3.00 0.09	45.56 2.66 0.03	41.95 2.60 0.00	40.49 2.23 0.27	39.12 2.15 0.03	38.88 2.34 0.03	42.60 2.75 0.00	44.20 2.81 0.00	48.91 2.95 0.85	54.04 2.63 0.18	63.09 3.48 1.46	57.60 2.83 0.79	48.26 2.39 0.03	42.12 2.04 0.00	38.29 1.37 0.00
BROOKLYN_NAVY_YARD 23515	35.61 1.82 0.00	33.54 1.75 0.00	32.50 1.63 0.00	31.61 1.59 0.00	31.82 1.57 0.00	35.24 1.71 0.00	52.36 3.34 0.00	58.95 4.06 1.42	54.05 3.44 0.75	47.05 3.08 0.09	45.86 2.96 0.03	42.15 2.79 0.00	40.99 2.74 0.27	39.56 2.59 0.03	39.21 2.67 0.03	42.76 2.91 0.00	44.28 2.90 0.00	49.10 3.14 0.85	54.61 3.20 0.18	63.40 3.79 1.46	57.99 3.22 0.79	48.58 2.71 0.03	42.28 2.20 0.00	38.63 1.70 0.00
BROOKLYN___ARMY_DRP 323595	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.22 1.97 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.95 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.33 2.89 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	91.99 3.66 -36.74	92.04 4.27 -26.70	58.50 3.72 0.78	56.84 3.12 -7.82	56.14 2.69 -13.38	51.25 2.14 -12.18
BROOKVLE_69_KV_TB1 55790	36.02 2.23 0.00	33.98 2.19 0.00	32.93 2.07 0.00	31.97 1.95 0.00	32.12 1.88 0.00	35.81 2.28 0.00	52.80 3.77 0.00	59.85 4.96 1.42	54.46 3.85 0.75	47.45 3.48 0.09	46.25 3.35 0.03	42.55 3.19 0.00	41.26 3.01 0.27	39.86 2.89 0.03	39.54 3.00 0.03	43.16 3.31 0.00	44.74 3.35 0.00	49.47 3.51 0.85	54.81 3.40 0.18	63.64 4.03 1.46	58.21 3.44 0.79	48.94 3.08 0.03	42.76 2.69 0.00	38.96 2.03 0.00
BROOME_2_LFGE 323671	33.28 -0.51 0.00	31.28 -0.51 0.00	30.40 -0.46 0.00	29.57 -0.45 0.00	29.79 -0.45 0.00	33.10 -0.44 0.00	48.49 -0.54 0.00	52.57 -0.79 2.95	49.29 -0.72 1.35	43.24 -0.66 0.16	42.23 -0.64 0.06	38.77 -0.59 0.00	37.42 -0.62 0.49	36.32 -0.63 0.06	35.93 -0.59 0.06	39.26 -0.60 0.01	40.93 -0.45 0.00	44.34 -0.70 1.77	50.45 -0.77 0.36	57.31 -0.73 3.02	53.29 -0.72 1.54	45.20 -0.64 0.06	39.72 -0.36 0.00	36.71 -0.22 0.00
BROOME___LFGE 323600	33.28 -0.51 0.00	31.28 -0.51 0.00	30.40 -0.46 0.00	29.57 -0.45 0.00	29.79 -0.45 0.00	33.10 -0.44 0.00	48.49 -0.54 0.00	52.57 -0.79 2.95	49.29 -0.72 1.35	43.24 -0.66 0.16	42.23 -0.64 0.06	38.77 -0.59 0.00	37.42 -0.62 0.49	36.32 -0.63 0.06	35.93 -0.59 0.06	39.26 -0.60 0.01	40.93 -0.45 0.00	44.34 -0.70 1.77	50.45 -0.77 0.36	57.31 -0.73 3.02	53.29 -0.72 1.54	45.20 -0.64 0.06	39.72 -0.36 0.00	36.71 -0.22 0.00
BROWNFLS_115KV_TB_3_5 80003	36.97 -0.88 -4.06	34.77 -0.89 -3.87	33.60 -0.83 -3.57	32.91 -0.81 -3.70	33.15 -0.82 -3.72	36.73 -0.84 -4.04	52.90 -1.37 -5.25	60.17 -1.30 -5.15	55.22 -1.39 -5.24	47.98 -1.15 -5.07	46.83 -1.07 -4.97	38.26 -1.10 0.00	37.23 -1.08 0.22	35.90 -1.07 0.03	35.41 -1.13 0.03	38.70 -1.16 0.00	40.35 -1.03 0.00	45.09 -1.03 0.70	50.51 -0.93 0.15	59.21 -0.67 1.19	54.41 -0.50 0.64	45.32 -0.55 0.03	39.52 -0.56 0.00	36.37 -0.55 0.00
BROWNSV1_27_KV_LOAD 356125	35.82 2.03 0.00	33.79 2.00 0.00	32.71 1.85 0.00	31.79 1.77 0.00	32.00 1.75 0.00	35.48 1.94 0.00	52.70 3.68 0.00	59.34 4.45 1.42	54.41 3.80 0.75	47.32 3.35 0.09	46.12 3.22 0.03	42.39 3.03 0.00	41.23 2.97 0.27	39.78 2.81 0.03	39.43 2.89 0.03	43.00 3.15 0.00	44.53 3.15 0.00	49.38 3.42 0.85	54.92 3.51 0.18	63.70 4.09 1.46	58.32 3.56 0.79	48.85 2.98 0.03	42.60 2.52 0.00	38.89 1.96 0.00
BURROWS___LYONSDAL 23803	35.11 0.14 -1.18	32.98 0.06 -1.13	32.00 0.09 -1.04	31.19 0.09 -1.08	31.42 0.09 -1.08	34.91 0.20 -1.18	50.90 0.34 -1.53	56.84 0.45 -0.08	52.44 0.31 -0.77	45.71 0.26 -1.38	44.56 0.21 -1.42	39.40 0.04 0.00	38.19 0.00 0.34	36.93 -0.04 0.04	36.46 -0.07 0.04	39.89 0.04 0.00	41.59 0.21 0.00	46.13 0.37 1.06	51.99 0.62 0.22	60.31 1.04 1.80	55.64 1.06 0.97	46.55 0.69 0.04	40.56 0.48 0.00	37.33 0.41 0.00
CAITHNESS_CC_1 323624	35.92 2.13 0.00	34.14 2.35 0.00	32.99 2.13 0.00	32.15 2.13 0.00	32.30 2.06 0.00	36.05 2.52 0.00	53.24 4.22 0.00	60.41 5.52 1.42	54.15 3.54 0.75	47.10 3.13 0.09	45.73 2.83 0.03	42.07 2.71 0.00	40.65 2.39 0.27	39.26 2.29 0.03	39.03 2.49 0.03	42.73 2.87 0.00	44.33 2.94 0.00	48.96 3.00 0.85	54.19 2.78 0.18	63.28 3.66 1.46	57.38 2.61 0.79	48.39 2.52 0.03	42.08 2.00 0.00	38.41 1.48 0.00
CALPINE BETH_PAGE_GT4 24209	35.82 2.03 0.00	33.85 2.07 0.00	32.78 1.91 0.00	31.76 1.74 0.00	31.94 1.69 0.00	35.65 2.11 0.00	52.26 3.24 0.00	59.17 4.28 1.42	53.84 3.24 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.37 2.41 0.03	39.10 2.56 0.03	42.64 2.79 0.00	44.20 2.81 0.00	48.91 2.95 0.85	54.09 2.68 0.18	62.85 3.24 1.46	57.43 2.67 0.79	48.39 2.52 0.03	42.36 2.28 0.00	38.70 1.77 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.82 2.03 0.00	33.85 2.07 0.00	32.75 1.88 0.00	31.85 1.83 0.00	32.03 1.78 0.00	35.71 2.18 0.00	52.46 3.43 0.00	59.40 4.51 1.42	54.00 3.39 0.75	47.10 3.13 0.09	45.82 2.92 0.03	42.15 2.79 0.00	40.88 2.62 0.27	39.45 2.48 0.03	39.21 2.67 0.03	42.76 2.91 0.00	44.37 2.98 0.00	49.05 3.09 0.85	54.35 2.94 0.18	63.21 3.60 1.46	57.60 2.83 0.79	48.53 2.66 0.03	42.28 2.20 0.00	38.70 1.77 0.00
CALPINE_BP_GT1 23823	35.82 2.03 0.00	33.85 2.07 0.00	32.75 1.88 0.00	31.85 1.83 0.00	32.03 1.78 0.00	35.71 2.18 0.00	52.46 3.43 0.00	59.40 4.51 1.42	54.00 3.39 0.75	47.10 3.13 0.09	45.82 2.92 0.03	42.15 2.79 0.00	40.88 2.62 0.27	39.45 2.48 0.03	39.21 2.67 0.03	42.76 2.91 0.00	44.37 2.98 0.00	49.05 3.09 0.85	54.35 2.94 0.18	63.21 3.60 1.46	57.60 2.83 0.79	48.53 2.66 0.03	42.28 2.20 0.00	38.70 1.77 0.00
CALSPAN___DRP 24200	30.85 -2.94 0.00	28.93 -2.86 0.00	28.18 -2.69 0.00	27.41 -2.61 0.00	27.70 -2.54 0.00	30.78 -2.75 0.00	44.76 -4.27 0.00	46.34 -5.52 4.46	44.09 -4.83 2.44	39.78 -4.01 0.28	38.36 -3.69 0.88	35.16 -3.35 0.85	33.16 -3.43 1.94	33.55 -3.37 0.08	33.27 -3.22 0.08	36.30 -3.55 0.01	37.95 -3.44 0.00	39.51 -4.63 2.67	45.78 -5.26 0.54	52.58 -5.98 2.50	47.89 -5.39 2.28	41.64 -4.18 0.08	36.91 -3.17 0.00	34.86 -2.07 0.00

CALVERTON___SOLAR 323806	36.02 2.23 0.00	34.30 2.51 0.00	33.11 2.25 0.00	32.33 2.31 0.00	32.48 2.24 0.00	36.25 2.71 0.00	53.68 4.66 0.00	60.92 6.03 1.42	54.25 3.65 0.75	47.05 3.08 0.09	45.65 2.75 0.03	41.99 2.64 0.00	40.53 2.27 0.27	39.15 2.18 0.03	38.92 2.38 0.03	42.64 2.79 0.00	44.28 2.90 0.00	48.96 3.00 0.85	54.14 2.73 0.18	63.34 3.73 1.46	57.27 2.50 0.79	48.30 2.43 0.03	41.96 1.88 0.00	38.30 1.37 0.00
CANDIGU_WT_PWR 323617	31.19 -2.60 0.00	29.31 -2.48 0.00	28.52 -2.35 0.00	27.71 -2.31 0.00	27.94 -2.30 0.00	31.12 -2.41 0.00	45.49 -3.53 0.00	47.27 -4.34 4.71	44.58 -3.95 2.82	40.28 -3.48 0.30	33.36 -3.56 6.00	29.64 -3.27 6.45	26.30 -3.20 9.04	33.86 -3.07 0.07	33.58 -2.93 0.07	36.78 -3.07 0.01	38.61 -2.77 0.00	40.86 -3.14 2.82	47.67 -3.35 0.56	52.40 -3.85 4.83	49.76 -3.56 2.24	42.76 -3.07 0.07	37.75 -2.33 0.00	35.05 -1.88 0.00
CARR STREET_E_SYR 24060	33.21 -0.57 0.00	31.18 -0.60 0.00	30.31 -0.55 0.00	29.45 -0.57 0.00	29.70 -0.54 0.00	32.99 -0.54 0.00	48.09 -0.93 0.00	52.35 -1.01 2.95	48.87 -0.92 1.57	43.08 -0.79 0.19	42.13 -0.73 0.07	38.69 -0.67 0.00	37.27 -0.69 0.57	36.31 -0.63 0.06	35.89 -0.62 0.06	39.17 -0.68 0.01	40.68 -0.70 0.00	44.20 -0.84 1.77	50.34 -0.88 0.37	57.07 -0.98 3.02	53.03 -0.89 1.64	45.01 -0.82 0.06	39.40 -0.68 0.00	36.41 -0.52 0.00
CARTHAGE___PAPER 23857	35.53 -0.17 -1.91	33.32 -0.29 -1.81	32.32 -0.21 -1.67	31.55 -0.21 -1.73	31.78 -0.21 -1.74	35.33 -0.10 -1.89	51.34 -0.15 -2.46	57.60 0.00 -1.29	52.86 -0.36 -1.86	46.06 -0.31 -2.30	44.85 -0.39 -2.31	38.84 -0.51 0.00	37.63 -0.58 0.32	36.33 -0.63 0.04	35.88 -0.66 0.04	39.30 -0.56 0.00	41.01 -0.37 0.00	45.67 -0.14 1.00	51.58 0.21 0.21	60.27 0.92 1.71	55.68 1.05 0.93	46.46 0.60 0.04	40.40 0.32 0.00	37.19 0.26 0.00
CASSADAGA_WT_PWR 323784	30.11 -3.68 0.00	28.29 -3.50 0.00	27.53 -3.33 0.00	26.78 -3.24 0.00	27.04 -3.21 0.00	30.15 -3.39 0.00	44.37 -4.66 0.00	45.80 -6.02 4.48	43.62 -5.29 2.46	39.34 -4.45 0.27	38.04 -4.16 0.73	34.89 -3.78 0.68	33.01 -3.77 1.75	33.19 -3.74 0.08	32.84 -3.66 0.08	35.90 -3.95 0.01	37.75 -3.64 0.00	38.93 -5.20 2.69	45.37 -5.67 0.55	50.06 -6.41 4.59	47.35 -5.94 2.26	41.10 -4.73 0.08	36.83 -3.25 0.00	34.53 -2.40 0.00
CE_DUNWOOD___DRP 24194	35.48 1.69 0.00	33.44 1.65 0.00	32.44 1.57 0.00	31.52 1.50 0.00	31.73 1.48 0.00	35.18 1.64 0.00	52.06 3.04 0.00	58.61 3.72 1.42	53.74 3.13 0.75	46.70 2.73 0.09	45.52 2.62 0.03	41.84 2.48 0.00	40.65 2.39 0.27	39.23 2.26 0.03	38.88 2.34 0.03	42.41 2.55 0.00	43.91 2.52 0.00	48.72 2.76 0.85	54.19 2.79 0.18	62.97 3.36 1.46	57.60 2.83 0.79	48.26 2.39 0.03	42.08 2.00 0.00	38.44 1.51 0.00
CE_MILLWOOD___DRP 24193	35.34 1.55 0.00	33.35 1.56 0.00	32.31 1.45 0.00	31.40 1.38 0.00	31.60 1.36 0.00	35.04 1.51 0.00	51.87 2.84 0.00	58.32 3.44 1.42	53.53 2.93 0.76	46.48 2.51 0.09	45.30 2.40 0.03	41.64 2.28 0.00	40.45 2.20 0.27	39.04 2.07 0.03	38.70 2.16 0.03	42.21 2.35 0.00	43.71 2.32 0.00	48.49 2.53 0.86	53.99 2.58 0.18	62.72 3.11 1.46	57.38 2.61 0.79	48.07 2.20 0.03	41.92 1.84 0.00	38.29 1.37 0.00
CE_NYC2_DRP 24202	35.82 2.03 -0.01	33.77 1.97 -0.01	32.72 1.85 -0.01	31.83 1.80 -0.01	32.01 1.75 -0.01	35.49 1.94 -0.01	52.66 3.63 -0.01	59.23 4.34 1.42	54.44 3.70 0.62	53.37 3.26 -6.05	53.37 3.13 -7.31	54.12 2.95 -11.81	54.87 2.89 -13.45	54.87 2.74 -15.13	54.87 2.82 -15.48	54.87 3.07 -11.94	54.87 3.06 -10.42	54.87 3.32 -4.73	60.13 3.40 -5.13	63.52 3.91 1.46	58.15 3.39 0.79	49.94 2.94 -1.11	44.48 2.48 -1.91	39.30 1.92 -0.45
CE_NYC_DRP 24195	35.65 1.86 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.41 3.38 0.00	59.00 4.11 1.42	54.10 3.49 0.75	47.05 3.08 0.09	45.86 2.96 0.03	42.19 2.83 0.00	40.99 2.74 0.27	39.60 2.63 0.03	39.21 2.67 0.03	42.80 2.95 0.00	44.28 2.90 0.00	49.09 3.14 0.85	54.61 3.20 0.18	63.34 3.73 1.46	57.93 3.17 0.79	48.58 2.71 0.03	42.36 2.28 0.00	38.66 1.74 0.00
CHAFFEE___LFGE 323603	30.85 -2.94 0.00	29.05 -2.73 0.00	28.33 -2.53 0.00	27.56 -2.46 0.00	27.79 -2.45 0.00	30.88 -2.65 0.00	45.49 -3.53 0.00	45.90 -5.91 4.51	43.76 -5.14 2.47	39.56 -4.23 0.27	38.52 -3.82 0.59	35.36 -3.46 0.53	33.30 -3.66 1.57	32.97 -3.96 0.07	32.81 -3.69 0.07	35.95 -3.90 0.01	38.12 -3.27 0.00	38.92 -5.20 2.70	45.21 -5.83 0.55	49.92 -6.53 4.62	47.09 -6.22 2.24	40.87 -4.96 0.07	37.35 -2.73 0.00	34.97 -1.96 0.00
CHATEAUG_35_KV_LOAD 355732	-8.27 -1.22 40.84	-8.31 -1.21 38.89	-8.26 -1.17 37.95	-8.26 -1.11 37.17	-8.24 -1.12 37.36	-8.30 -1.24 40.59	-8.90 -2.11 55.82	-9.68 -2.08 63.91	-9.80 -2.05 59.10	-9.28 -1.63 51.71	-8.83 -1.50 50.25	38.02 -1.34 0.00	37.37 -1.08 0.09	36.07 -0.93 0.01	35.50 -1.06 0.01	38.78 -1.08 0.00	40.60 -0.79 0.00	45.65 -0.89 0.27	50.55 -0.98 0.06	59.69 -0.92 0.47	54.69 -0.61 0.25	45.52 -0.37 0.01	39.68 -0.40 0.00	36.56 -0.37 0.00
CHATEAUG_WT_PWR 323614	-5.61 -1.32 38.08	-5.78 -1.30 36.27	-5.79 -1.27 35.38	-5.84 -1.20 34.66	-5.81 -1.21 34.84	-5.66 -1.34 37.85	-5.23 -2.21 52.05	-5.54 -2.25 59.60	-5.86 -2.11 55.11	-5.92 -1.76 48.22	-5.52 -1.59 46.86	37.94 -1.42 0.00	37.29 -1.15 0.08	35.99 -1.00 0.01	35.43 -1.13 0.01	38.74 -1.12 0.00	40.52 -0.87 0.00	45.57 -0.99 0.26	50.40 -1.14 0.05	59.59 -1.04 0.44	54.65 -0.66 0.24	45.43 -0.46 0.01	39.60 -0.48 0.00	36.52 -0.41 0.00
CHAT_HIGH_FALL_HYD 323578	-8.27 -1.22 40.84	-8.31 -1.21 38.89	-8.26 -1.17 37.95	-8.26 -1.11 37.17	-8.24 -1.12 37.36	-8.30 -1.24 40.59	-8.90 -2.11 55.82	-9.68 -2.08 63.91	-9.80 -2.05 59.10	-9.28 -1.63 51.71	-8.83 -1.50 50.25	38.02 -1.34 0.00	37.37 -1.08 0.09	36.07 -0.93 0.01	35.50 -1.06 0.01	38.78 -1.08 0.00	40.60 -0.79 0.00	45.65 -0.89 0.27	50.55 -0.98 0.06	59.69 -0.92 0.47	54.69 -0.61 0.25	45.52 -0.37 0.01	39.68 -0.40 0.00	36.56 -0.37 0.00
CHAUTAUQUA___LFGE 323629	30.68 -3.11 0.00	28.83 -2.96 0.00	28.12 -2.75 0.00	27.35 -2.67 0.00	27.58 -2.66 0.00	30.68 -2.85 0.00	45.01 -4.02 0.00	46.61 -5.24 4.47	44.25 -4.67 2.44	39.82 -3.97 0.27	38.44 -3.69 0.79	35.25 -3.35 0.76	33.31 -3.39 1.84	33.56 -3.37 0.08	33.20 -3.29 0.08	36.30 -3.55 0.01	38.07 -3.31 0.00	39.55 -4.59 2.68	45.99 -5.05 0.54	50.88 -5.62 4.57	48.18 -5.11 2.26	41.69 -4.13 0.08	37.31 -2.76 0.00	34.97 -1.96 0.00
CHERRYST_13_KV_LD 356241	35.71 1.93 0.00	33.66 1.88 0.00	32.65 1.79 0.00	31.73 1.71 0.00	31.94 1.69 0.00	35.38 1.84 0.00	52.55 3.53 0.00	59.23 4.34 1.42	54.25 3.65 0.75	47.23 3.26 0.09	46.03 3.13 0.03	42.31 2.95 0.00	41.15 2.89 0.27	39.71 2.74 0.03	39.36 2.82 0.03	42.92 3.07 0.00	44.45 3.06 0.00	49.28 3.32 0.85	54.76 3.35 0.18	63.52 3.91 1.46	58.10 3.33 0.79	48.71 2.85 0.03	42.48 2.40 0.00	38.74 1.81 0.00

CHESTROR_138KV_BK263 355645	34.94 1.15 0.00	32.96 1.18 0.00	31.94 1.08 0.00	31.04 1.02 0.00	31.27 1.03 0.00	34.67 1.14 0.00	51.23 2.21 0.00	57.53 2.65 1.43	52.81 2.21 0.76	45.86 1.89 0.09	44.66 1.76 0.03	41.05 1.69 0.00	39.88 1.62 0.27	38.52 1.55 0.03	38.15 1.61 0.03	41.65 1.79 0.00	43.13 1.74 0.00	47.82 1.87 0.86	53.37 1.96 0.18	61.98 2.38 1.47	56.76 2.00 0.80	47.52 1.65 0.03	41.48 1.40 0.00	37.96 1.03 0.00
CH_MIDHUDSON___DRP 24192	35.34 1.55 0.00	33.35 1.56 0.00	32.31 1.45 0.00	31.40 1.38 0.00	31.63 1.39 0.00	35.08 1.54 0.00	51.82 2.79 0.00	58.16 3.27 1.42	53.43 2.82 0.75	46.39 2.42 0.09	45.22 2.32 0.03	41.52 2.16 0.00	40.34 2.08 0.27	38.97 2.00 0.03	38.59 2.05 0.03	42.09 2.23 0.00	43.58 2.19 0.00	48.35 2.39 0.85	53.94 2.53 0.18	62.61 2.99 1.46	57.32 2.56 0.79	47.98 2.11 0.03	41.88 1.80 0.00	38.29 1.37 0.00
CH_MISC_IPPS 23765	35.51 1.72 0.00	33.47 1.68 0.00	32.37 1.51 0.00	31.49 1.47 0.00	31.73 1.48 0.00	35.21 1.68 0.00	52.12 3.09 0.00	58.44 3.55 1.42	53.79 3.19 0.76	46.70 2.73 0.09	45.47 2.58 0.03	41.76 2.40 0.00	40.57 2.31 0.27	39.15 2.18 0.03	38.81 2.27 0.03	42.33 2.47 0.00	43.87 2.48 0.00	48.67 2.71 0.86	54.24 2.84 0.18	63.09 3.48 1.46	57.76 3.00 0.79	48.30 2.43 0.03	42.08 2.00 0.00	38.55 1.62 0.00
CH_RES_BVR_FALLS 23983	32.91 -0.88 0.00	30.96 -0.83 0.00	30.06 -0.80 0.00	29.24 -0.78 0.00	29.46 -0.79 0.00	32.66 -0.87 0.00	47.65 -1.37 0.00	53.74 -1.52 1.05	49.42 -1.38 0.56	42.85 -1.15 0.07	41.88 -1.03 0.02	38.41 -0.94 0.00	37.45 -0.88 0.20	36.13 -0.85 0.02	35.71 -0.84 0.02	38.98 -0.88 0.00	40.60 -0.79 0.00	45.34 -0.84 0.63	50.58 -0.88 0.13	59.01 -0.98 1.08	54.14 -0.83 0.58	45.23 -0.64 0.02	39.52 -0.56 0.00	36.38 -0.55 0.00
CH_RES_NIAGARA 23895	30.11 -3.68 0.00	28.26 -3.53 0.00	27.53 -3.33 0.00	26.78 -3.24 0.00	27.07 -3.18 0.00	30.05 -3.49 0.00	43.39 -5.64 0.00	45.32 -6.53 4.46	43.07 -5.86 2.44	38.80 -4.98 0.28	37.16 -4.81 0.96	34.01 -4.41 0.94	32.12 -4.35 2.06	32.81 -4.11 0.08	32.36 -4.13 0.08	35.19 -4.66 0.01	36.67 -4.72 0.00	38.57 -5.57 2.67	44.90 -6.14 0.55	49.36 -7.15 4.57	46.98 -6.28 2.30	40.68 -5.14 0.08	35.75 -4.33 0.00	33.83 -3.10 0.00
CH_RES_SYRACUSE 23985	33.42 -0.37 0.00	31.41 -0.38 0.00	30.49 -0.37 0.00	29.63 -0.39 0.00	29.88 -0.36 0.00	33.20 -0.34 0.00	48.39 -0.64 0.00	53.31 -0.62 2.38	49.53 -0.56 1.26	43.42 -0.48 0.15	42.40 -0.47 0.05	38.93 -0.43 0.00	37.65 -0.42 0.46	36.58 -0.37 0.05	36.15 -0.37 0.05	39.45 -0.40 0.01	41.01 -0.37 0.00	44.91 -0.47 1.43	50.77 -0.52 0.30	58.14 -0.49 2.44	53.79 -0.45 1.32	45.43 -0.41 0.05	39.72 -0.36 0.00	36.71 -0.22 0.00
CLINTON_WT_PWR 323605	-5.61 -1.32 38.08	-5.78 -1.30 36.27	-5.79 -1.27 35.38	-5.84 -1.20 34.66	-5.81 -1.21 34.84	-5.66 -1.34 37.85	-5.23 -2.21 52.05	-5.54 -2.25 59.60	-5.86 -2.11 55.11	-5.92 -1.76 48.22	-5.52 -1.59 46.86	37.94 -1.42 0.00	37.29 -1.15 0.08	35.99 -1.00 0.01	35.43 -1.13 0.01	38.74 -1.12 0.00	40.52 -0.87 0.00	45.57 -0.99 0.26	50.40 -1.14 0.05	59.59 -1.04 0.44	54.65 -0.66 0.24	45.43 -0.46 0.01	39.60 -0.48 0.00	36.52 -0.41 0.00
CLINTON___LFGE 323618	-6.51 -1.28 39.01	-6.60 -1.24 37.15	-6.62 -1.24 36.25	-6.63 -1.14 35.51	-6.60 -1.15 35.69	-6.48 -1.24 38.77	-6.35 -2.06 53.32	-6.37 -1.63 61.05	-6.69 -1.59 56.46	-6.61 -1.28 49.39	-6.36 -1.29 48.00	38.10 -1.26 0.00	37.49 -0.96 0.08	36.21 -0.78 0.01	35.58 -0.99 0.01	38.94 -0.92 0.00	40.81 -0.58 0.00	45.94 -0.61 0.26	50.97 -0.57 0.05	60.38 -0.24 0.45	55.31 0.00 0.24	45.98 0.09 0.01	40.00 -0.08 0.00	36.85 -0.07 0.00
COBBLENY_34_KV_TB1 80064	30.88 -2.91 0.00	29.05 -2.73 0.00	28.30 -2.56 0.00	27.53 -2.49 0.00	27.82 -2.42 0.00	30.88 -2.65 0.00	45.50 -3.53 0.00	46.01 -5.80 4.51	43.76 -5.14 2.47	39.56 -4.23 0.27	38.56 -3.78 0.59	35.36 -3.46 0.53	33.26 -3.70 1.57	33.04 -3.89 0.07	33.13 -3.36 0.07	36.34 -3.51 0.01	38.12 -3.27 0.00	38.92 -5.20 2.70	45.11 -5.93 0.55	49.92 -6.53 4.62	47.09 -6.22 2.24	41.19 -4.64 0.07	37.23 -2.85 0.00	34.97 -1.96 0.00
COFFEEN___115KV_TB3 355620	35.70 0.30 -1.61	33.45 0.13 -1.53	32.49 0.22 -1.41	31.67 0.18 -1.46	31.90 0.18 -1.47	35.50 0.37 -1.60	51.59 0.49 -2.08	57.73 0.68 -0.74	52.90 0.15 -1.39	46.16 0.18 -1.92	45.00 0.13 -1.94	39.20 -0.16 0.00	37.96 -0.23 0.34	36.67 -0.30 0.04	36.20 -0.33 0.04	39.69 -0.16 0.00	41.43 0.04 0.00	46.18 0.42 1.06	52.30 0.93 0.22	61.16 1.89 1.80	56.58 2.00 0.98	47.19 1.33 0.04	40.96 0.88 0.00	37.78 0.85 0.00
COLDSPRG_115KV_BK1 355956	31.02 -2.77 0.00	29.15 -2.64 0.00	28.39 -2.47 0.00	27.62 -2.40 0.00	27.91 -2.33 0.00	31.08 -2.45 0.00	45.79 -3.24 0.00	47.01 -4.79 4.51	44.67 -4.21 2.48	40.30 -3.48 0.28	39.22 -3.13 0.58	36.00 -2.83 0.52	34.01 -2.97 1.56	33.85 -3.07 0.08	33.79 -2.71 0.08	36.98 -2.87 0.01	38.70 -2.69 0.00	39.80 -4.31 2.70	46.19 -4.85 0.55	51.19 -5.25 4.62	48.36 -4.94 2.25	42.15 -3.67 0.08	37.71 -2.36 0.00	35.45 -1.48 0.00
COLONIE_LFGE___ 323577	35.14 1.35 0.00	33.12 1.33 0.00	32.13 1.27 0.00	31.25 1.23 0.00	31.48 1.24 0.00	34.94 1.41 0.00	51.33 2.30 0.00	57.24 2.31 1.38	52.88 2.26 0.73	45.78 1.81 0.09	44.57 1.67 0.03	40.85 1.50 0.00	39.69 1.43 0.27	38.26 1.29 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.75 1.36 0.00	47.62 1.64 0.83	53.22 1.80 0.17	61.73 2.08 1.42	56.56 1.78 0.77	47.34 1.47 0.03	41.32 1.24 0.00	37.93 1.00 0.00
COOPERNY_115KV_TB1 80082	34.60 0.81 0.00	32.58 0.79 0.00	31.60 0.74 0.00	30.74 0.72 0.00	30.94 0.70 0.00	34.30 0.77 0.00	50.54 1.52 0.00	56.72 1.86 1.46	52.13 1.54 0.77	45.29 1.32 0.09	44.14 1.24 0.03	40.54 1.18 0.00	39.41 1.16 0.28	38.04 1.07 0.03	37.67 1.13 0.03	41.13 1.28 0.00	42.59 1.20 0.00	47.25 1.31 0.87	52.75 1.34 0.18	61.23 1.65 1.49	56.19 1.44 0.81	47.02 1.15 0.03	41.08 1.00 0.00	37.67 0.74 0.00
COPENHAGEN_WT_PWR 323753	35.32 0.00 -1.53	33.12 -0.13 -1.46	32.15 -0.06 -1.34	31.35 -0.06 -1.39	31.58 -0.06 -1.40	35.12 0.07 -1.52	51.05 0.05 -1.98	57.08 0.17 -0.59	52.42 -0.20 -1.26	45.75 -0.13 -1.82	44.56 -0.21 -1.84	38.96 -0.39 0.00	37.77 -0.42 0.34	36.48 -0.48 0.04	36.02 -0.51 0.04	39.49 -0.36 0.00	41.18 -0.21 0.00	45.79 0.05 1.07	51.77 0.41 0.22	60.40 1.16 1.83	55.84 1.28 0.99	46.64 0.78 0.04	40.56 0.48 0.00	37.37 0.44 0.00
CORNELL_____ 23752	33.89 0.10 0.00	31.82 0.03 0.00	30.89 0.03 0.00	30.05 0.03 0.00	30.30 0.06 0.00	33.70 0.17 0.00	49.32 0.29 0.00	57.97 0.34 -1.32	52.54 0.21 -0.97	44.22 0.13 -0.03	45.01 0.04 -2.03	41.55 0.00 -2.19	41.62 -0.04 -3.12	36.91 -0.04 0.06	36.48 -0.04 0.06	39.93 0.08 0.01	41.64 0.25 0.00	47.90 0.33 -0.76	52.19 0.52 -0.09	63.28 0.85 -1.35	56.18 0.83 0.21	46.39 0.55 0.06	40.52 0.44 0.00	37.45 0.52 0.00

CORONA V_69_KV_TB1 355595	35.92 2.13 0.00	33.92 2.13 0.00	32.84 1.98 0.00	31.88 1.86 0.00	32.06 1.81 0.00	35.71 2.18 0.00	52.60 3.58 0.00	59.57 4.67 1.42	54.25 3.65 0.75	47.23 3.26 0.09	45.99 3.09 0.03	42.31 2.95 0.00	41.03 2.77 0.27	39.63 2.66 0.03	39.32 2.78 0.03	42.92 3.07 0.00	44.49 3.10 0.00	49.28 3.32 0.85	54.61 3.20 0.18	63.46 3.85 1.46	58.04 3.28 0.79	48.81 2.94 0.03	42.68 2.61 0.00	38.89 1.96 0.00
CORTLAND_115KV_TB3 80093	33.72 -0.07 0.00	31.69 -0.10 0.00	30.77 -0.09 0.00	29.93 -0.09 0.00	30.15 -0.09 0.00	33.53 0.00 0.00	49.07 0.05 0.00	54.80 0.00 1.51	50.58 -0.05 0.73	43.86 -0.09 0.11	43.24 -0.13 -0.44	39.72 -0.16 -0.52	38.78 -0.15 -0.40	36.76 -0.19 0.06	36.37 -0.15 0.06	39.77 -0.08 0.01	41.39 0.00 0.00	45.85 -0.05 0.92	51.43 0.05 0.21	59.77 0.24 1.55	54.69 0.22 1.09	45.94 0.09 0.06	40.16 0.08 0.00	37.11 0.18 0.00
COXSACKIE__GT 23611	35.92 2.13 0.00	33.82 2.04 0.00	32.71 1.85 0.00	31.79 1.77 0.00	32.09 1.85 0.00	35.71 2.18 0.00	52.65 3.63 0.00	58.65 3.72 1.38	54.12 3.49 0.73	46.66 2.69 0.09	45.22 2.32 0.03	41.32 1.97 0.00	40.08 1.81 0.27	38.56 1.59 0.03	38.19 1.65 0.03	41.77 1.91 0.00	43.41 2.03 0.00	48.55 2.57 0.83	54.40 2.99 0.17	63.50 3.85 1.42	58.23 3.45 0.77	48.58 2.71 0.03	42.36 2.28 0.00	39.03 2.10 0.00
CPV_VALLEY__CC1 323721	34.73 0.94 0.00	32.74 0.95 0.00	31.73 0.86 0.00	30.86 0.84 0.00	31.06 0.82 0.00	34.44 0.91 0.00	50.84 1.81 0.00	57.07 2.19 1.44	52.39 1.80 0.76	45.51 1.54 0.09	44.36 1.46 0.03	40.77 1.41 0.00	39.64 1.39 0.28	38.26 1.29 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.80 1.41 0.00	47.49 1.54 0.87	53.01 1.60 0.18	61.55 1.95 1.48	56.37 1.61 0.80	47.20 1.33 0.03	41.16 1.08 0.00	37.74 0.81 0.00
CPV_VALLEY__CC2 323722	34.73 0.94 0.00	32.74 0.95 0.00	31.73 0.86 0.00	30.86 0.84 0.00	31.06 0.82 0.00	34.44 0.91 0.00	50.84 1.81 0.00	57.07 2.19 1.44	52.39 1.80 0.76	45.51 1.54 0.09	44.36 1.46 0.03	40.77 1.41 0.00	39.64 1.39 0.28	38.26 1.29 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.80 1.41 0.00	47.49 1.54 0.87	53.01 1.60 0.18	61.55 1.95 1.48	56.37 1.61 0.80	47.20 1.33 0.03	41.16 1.08 0.00	37.74 0.81 0.00
CRESCENT__HYD 24018	35.14 1.35 0.00	33.12 1.33 0.00	32.13 1.27 0.00	31.25 1.23 0.00	31.48 1.24 0.00	34.94 1.41 0.00	51.33 2.30 0.00	57.24 2.31 1.38	52.88 2.26 0.73	45.78 1.81 0.09	44.57 1.67 0.03	40.85 1.50 0.00	39.69 1.43 0.27	38.26 1.29 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.75 1.36 0.00	47.62 1.64 0.83	53.22 1.80 0.17	61.73 2.08 1.42	56.56 1.78 0.77	47.34 1.47 0.03	41.32 1.24 0.00	37.93 1.00 0.00
CRICKET__VALLEY_CC1 323756	35.24 1.45 0.00	33.28 1.49 0.00	32.25 1.39 0.00	31.37 1.35 0.00	31.57 1.33 0.00	34.97 1.44 0.00	51.57 2.55 0.00	57.71 2.81 1.41	53.13 2.52 0.75	46.13 2.16 0.09	44.96 2.06 0.03	41.25 1.89 0.00	40.11 1.85 0.27	38.71 1.74 0.03	38.33 1.79 0.03	41.81 1.95 0.00	43.21 1.82 0.00	47.97 2.01 0.85	53.53 2.12 0.18	62.07 2.45 1.45	56.77 2.00 0.78	47.57 1.70 0.03	41.48 1.40 0.00	38.00 1.07 0.00
CRICKET__VALLEY_CC2 323757	35.24 1.45 0.00	33.28 1.49 0.00	32.25 1.39 0.00	31.37 1.35 0.00	31.57 1.33 0.00	34.97 1.44 0.00	51.57 2.55 0.00	57.71 2.81 1.41	53.13 2.52 0.75	46.13 2.16 0.09	44.96 2.06 0.03	41.25 1.89 0.00	40.11 1.85 0.27	38.71 1.74 0.03	38.33 1.79 0.03	41.81 1.95 0.00	43.21 1.82 0.00	47.97 2.01 0.85	53.53 2.12 0.18	62.07 2.45 1.45	56.77 2.00 0.78	47.57 1.70 0.03	41.48 1.40 0.00	38.00 1.07 0.00
CRICKET__VALLEY_CC3 323758	35.24 1.45 0.00	33.28 1.49 0.00	32.25 1.39 0.00	31.37 1.35 0.00	31.57 1.33 0.00	34.97 1.44 0.00	51.57 2.55 0.00	57.71 2.81 1.41	53.13 2.52 0.75	46.13 2.16 0.09	44.96 2.06 0.03	41.25 1.89 0.00	40.11 1.85 0.27	38.71 1.74 0.03	38.33 1.79 0.03	41.81 1.95 0.00	43.21 1.82 0.00	47.97 2.01 0.85	53.53 2.12 0.18	62.07 2.45 1.45	56.77 2.00 0.78	47.57 1.70 0.03	41.48 1.40 0.00	38.00 1.07 0.00
CRUCIBLE_METL_DRP 24180	33.42 -0.37 0.00	31.41 -0.38 0.00	30.49 -0.37 0.00	29.63 -0.39 0.00	29.88 -0.36 0.00	33.20 -0.34 0.00	48.39 -0.64 0.00	53.31 -0.62 2.38	49.53 -0.56 1.26	43.42 -0.48 0.15	42.40 -0.47 0.05	38.92 -0.43 0.00	37.65 -0.42 0.46	36.58 -0.37 0.05	36.15 -0.37 0.05	39.45 -0.40 0.01	41.02 -0.37 0.00	44.91 -0.47 1.43	50.82 -0.46 0.30	58.14 -0.49 2.44	53.79 -0.44 1.32	45.43 -0.41 0.05	39.68 -0.40 0.00	36.71 -0.22 0.00
DAHOWA__HYDRO 323763	35.14 1.35 0.00	33.09 1.30 0.00	32.07 1.20 0.00	31.22 1.20 0.00	31.45 1.21 0.00	34.94 1.41 0.00	51.57 2.55 0.00	57.57 2.65 1.39	53.09 2.47 0.74	45.91 1.94 0.09	44.62 1.72 0.03	40.85 1.50 0.00	39.61 1.35 0.27	38.12 1.15 0.03	37.79 1.24 0.03	41.37 1.51 0.00	42.88 1.49 0.00	47.90 1.92 0.84	53.48 2.07 0.17	62.21 2.56 1.43	57.01 2.22 0.77	47.61 1.74 0.03	41.52 1.44 0.00	38.07 1.15 0.00
DANC__LFGE 323619	34.55 -0.34 -1.10	32.42 -0.41 -1.04	31.49 -0.34 -0.96	30.66 -0.36 -1.00	30.89 -0.36 -1.00	34.35 -0.27 -1.09	49.95 -0.49 -1.42	55.65 -0.45 0.21	51.26 -0.67 -0.57	44.75 -0.57 -1.26	43.63 -0.60 -1.31	38.69 -0.67 0.00	37.43 -0.73 0.37	36.22 -0.74 0.04	35.80 -0.73 0.04	39.18 -0.68 0.00	40.81 -0.58 0.00	45.20 -0.47 1.15	51.14 -0.21 0.24	59.36 0.25 1.96	54.89 0.39 1.06	45.95 0.09 0.04	40.00 -0.08 0.00	36.89 -0.04 0.00
DANSKAMMER__1 23586	35.51 1.72 0.00	33.47 1.68 0.00	32.37 1.51 0.00	31.49 1.47 0.00	31.73 1.48 0.00	35.21 1.68 0.00	52.12 3.09 0.00	58.44 3.55 1.42	53.79 3.19 0.76	46.70 2.73 0.09	45.47 2.58 0.03	41.76 2.40 0.00	40.57 2.31 0.27	39.15 2.18 0.03	38.81 2.27 0.03	42.33 2.47 0.00	43.87 2.48 0.00	48.67 2.71 0.86	54.24 2.84 0.18	63.09 3.48 1.46	57.76 3.00 0.79	48.30 2.43 0.03	42.08 2.00 0.00	38.55 1.62 0.00
DANSKAMMER__2 23589	35.51 1.72 0.00	33.47 1.68 0.00	32.37 1.51 0.00	31.49 1.47 0.00	31.73 1.48 0.00	35.21 1.68 0.00	52.12 3.09 0.00	58.44 3.55 1.42	53.79 3.19 0.76	46.70 2.73 0.09	45.47 2.58 0.03	41.76 2.40 0.00	40.57 2.31 0.27	39.15 2.18 0.03	38.81 2.27 0.03	42.33 2.47 0.00	43.87 2.48 0.00	48.67 2.71 0.86	54.24 2.84 0.18	63.09 3.48 1.46	57.76 3.00 0.79	48.30 2.43 0.03	42.08 2.00 0.00	38.55 1.62 0.00
DANSKAMMER__3 23590	35.51 1.72 0.00	33.47 1.68 0.00	32.37 1.51 0.00	31.49 1.47 0.00	31.73 1.48 0.00	35.21 1.68 0.00	52.12 3.09 0.00	58.44 3.55 1.42	53.79 3.19 0.76	46.70 2.73 0.09	45.47 2.58 0.03	41.76 2.40 0.00	40.57 2.31 0.27	39.15 2.18 0.03	38.81 2.27 0.03	42.33 2.47 0.00	43.87 2.48 0.00	48.67 2.71 0.86	54.24 2.84 0.18	63.09 3.48 1.46	57.76 3.00 0.79	48.30 2.43 0.03	42.08 2.00 0.00	38.55 1.62 0.00

DANSKAMMER___4 23591	35.51 1.72 0.00	33.47 1.68 0.00	32.37 1.51 0.00	31.49 1.47 0.00	31.73 1.48 0.00	35.21 1.68 0.00	52.12 3.09 0.00	58.44 3.55 1.42	53.79 3.19 0.76	46.70 2.73 0.09	45.47 2.58 0.03	41.76 2.40 0.00	40.57 2.31 0.27	39.15 2.18 0.03	38.81 2.27 0.03	42.33 2.47 0.00	43.87 2.48 0.00	48.67 2.71 0.86	54.24 2.84 0.18	63.09 3.48 1.46	57.76 3.00 0.79	48.30 2.43 0.03	42.08 2.00 0.00	38.55 1.62 0.00
DANSKAMMER___DIESEL 23592	35.51 1.72 0.00	33.47 1.68 0.00	32.41 1.54 0.00	31.49 1.47 0.00	31.73 1.48 0.00	35.21 1.68 0.00	52.11 3.09 0.00	58.44 3.55 1.42	53.79 3.18 0.76	46.70 2.73 0.09	45.43 2.53 0.03	41.76 2.40 0.00	40.57 2.31 0.27	39.15 2.18 0.03	38.81 2.27 0.03	42.33 2.47 0.00	43.87 2.48 0.00	48.67 2.72 0.86	54.25 2.84 0.18	63.09 3.48 1.46	57.76 3.00 0.79	48.30 2.43 0.03	42.12 2.04 0.00	38.55 1.62 0.00
DARBY___SOLAR 323810	35.14 1.35 0.00	33.09 1.30 0.00	32.07 1.20 0.00	31.22 1.20 0.00	31.45 1.21 0.00	34.91 1.38 0.00	51.52 2.50 0.00	57.52 2.59 1.39	53.04 2.41 0.74	45.86 1.89 0.09	44.57 1.67 0.03	40.81 1.46 0.00	39.58 1.31 0.27	38.12 1.15 0.03	37.79 1.24 0.03	41.33 1.48 0.00	42.84 1.45 0.00	47.80 1.82 0.84	53.42 2.01 0.17	62.09 2.45 1.42	56.89 2.11 0.77	47.57 1.70 0.03	41.48 1.40 0.00	38.04 1.11 0.00
DASHVILLE___HYD 23610	35.34 1.55 0.00	33.28 1.49 0.00	32.25 1.39 0.00	31.34 1.32 0.00	31.57 1.33 0.00	35.01 1.48 0.00	51.77 2.75 0.00	57.99 3.10 1.42	53.23 2.62 0.75	46.22 2.25 0.09	45.00 2.10 0.03	41.33 1.97 0.00	40.15 1.89 0.27	38.75 1.78 0.03	38.41 1.87 0.03	41.89 2.03 0.00	43.42 2.03 0.00	48.16 2.20 0.85	53.73 2.32 0.18	62.43 2.81 1.45	57.21 2.44 0.79	47.89 2.02 0.03	41.84 1.76 0.00	38.37 1.44 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.25 2.47 0.00	34.59 2.80 0.00	33.61 2.75 0.00	32.63 2.61 0.00	32.78 2.54 0.00	36.65 3.12 0.00	54.27 5.25 0.00	61.71 6.81 1.42	54.92 4.31 0.75	47.45 3.48 0.09	45.90 3.01 0.03	42.23 2.87 0.00	40.72 2.47 0.27	39.37 2.41 0.03	39.14 2.60 0.03	42.88 3.03 0.00	44.49 3.10 0.00	49.24 3.28 0.85	54.09 2.68 0.18	63.09 3.48 1.46	57.49 2.72 0.79	48.07 2.20 0.03	41.96 1.88 0.00	38.26 1.33 0.00
DELAWARE___LFGE 323621	34.60 0.81 0.00	32.55 0.76 0.00	31.60 0.74 0.00	30.74 0.72 0.00	30.97 0.73 0.00	34.40 0.87 0.00	50.54 1.52 0.00	55.89 1.75 2.17	51.75 1.54 1.15	45.24 1.32 0.14	44.13 1.24 0.05	40.46 1.10 0.00	39.16 1.04 0.42	37.92 0.96 0.05	37.55 1.02 0.05	41.05 1.20 0.01	42.59 1.20 0.00	46.87 1.36 1.30	52.76 1.44 0.27	60.62 1.77 2.22	55.96 1.61 1.20	47.09 1.24 0.05	41.16 1.08 0.00	37.85 0.92 0.00
DERFIELD_115KV_TB7 355931	33.99 0.20 0.00	31.98 0.19 0.00	31.05 0.19 0.00	30.20 0.18 0.00	30.42 0.18 0.00	33.73 0.20 0.00	49.37 0.34 0.00	54.96 0.34 1.70	50.82 0.36 0.90	44.22 0.26 0.11	43.15 0.26 0.04	39.59 0.24 0.00	38.40 0.19 0.33	37.15 0.19 0.04	36.72 0.18 0.04	40.09 0.24 0.00	41.64 0.25 0.00	46.12 0.33 1.02	51.74 0.36 0.21	59.76 0.43 1.74	54.95 0.33 0.94	46.14 0.28 0.04	40.28 0.20 0.00	37.08 0.15 0.00
DOGLEVILLE___HYD 23807	32.30 -1.49 0.00	30.36 -1.43 0.00	29.47 -1.39 0.00	28.67 -1.35 0.00	28.88 -1.36 0.00	32.02 -1.51 0.00	46.92 -2.11 0.00	52.14 -2.48 1.70	48.20 -2.26 0.90	42.01 -1.94 0.11	40.96 -1.93 0.04	37.63 -1.73 0.00	36.55 -1.66 0.33	35.37 -1.59 0.04	34.96 -1.57 0.04	38.30 -1.56 0.00	39.86 -1.53 0.00	44.15 -1.64 1.02	49.72 -1.65 0.21	57.56 -1.77 1.74	53.00 -1.61 0.94	44.44 -1.42 0.04	38.64 -1.44 0.00	35.49 -1.44 0.00
DUNKIRK___115KV_TB_200 55889	30.75 -3.04 0.00	28.90 -2.89 0.00	28.15 -2.72 0.00	27.38 -2.64 0.00	27.67 -2.57 0.00	30.75 -2.78 0.00	45.10 -3.92 0.00	46.72 -5.12 4.47	44.30 -4.62 2.44	39.86 -3.92 0.27	38.48 -3.65 0.80	35.29 -3.31 0.76	33.30 -3.39 1.84	33.59 -3.33 0.08	33.39 -3.11 0.08	36.46 -3.39 0.01	38.12 -3.27 0.00	39.60 -4.54 2.67	46.04 -5.00 0.54	50.94 -5.56 4.57	48.24 -5.06 2.26	41.87 -3.95 0.08	37.15 -2.93 0.00	35.01 -1.92 0.00
DUNKIRK___1 23563	30.75 -3.04 0.00	28.90 -2.89 0.00	28.15 -2.72 0.00	27.38 -2.64 0.00	27.67 -2.57 0.00	30.75 -2.78 0.00	45.10 -3.92 0.00	46.72 -5.12 4.47	44.30 -4.62 2.44	39.86 -3.92 0.27	38.48 -3.65 0.80	35.29 -3.31 0.76	33.30 -3.39 1.84	33.59 -3.33 0.08	33.39 -3.11 0.08	36.46 -3.39 0.01	38.12 -3.27 0.00	39.60 -4.54 2.67	46.04 -5.00 0.54	50.94 -5.56 4.57	48.24 -5.06 2.26	41.87 -3.95 0.08	37.15 -2.93 0.00	35.01 -1.92 0.00
DUNKIRK___2 23564	30.75 -3.04 0.00	28.90 -2.89 0.00	28.15 -2.72 0.00	27.38 -2.64 0.00	27.67 -2.57 0.00	30.75 -2.78 0.00	45.10 -3.92 0.00	46.72 -5.12 4.47	44.30 -4.62 2.44	39.86 -3.92 0.27	38.48 -3.65 0.80	35.29 -3.31 0.76	33.30 -3.39 1.84	33.59 -3.33 0.08	33.39 -3.11 0.08	36.46 -3.39 0.01	38.12 -3.27 0.00	39.60 -4.54 2.67	46.04 -5.00 0.54	50.94 -5.56 4.57	48.24 -5.06 2.26	41.87 -3.95 0.08	37.15 -2.93 0.00	35.01 -1.92 0.00
DUNKIRK___3 23565	30.78 -3.01 0.00	28.93 -2.86 0.00	28.18 -2.69 0.00	27.41 -2.61 0.00	27.70 -2.54 0.00	30.78 -2.75 0.00	45.05 -3.97 0.00	46.68 -5.18 4.46	44.25 -4.67 2.43	39.82 -3.97 0.27	38.46 -3.65 0.82	35.23 -3.35 0.79	33.27 -3.39 1.87	33.56 -3.37 0.08	33.35 -3.15 0.08	36.42 -3.43 0.01	38.08 -3.31 0.00	39.60 -4.54 2.67	45.99 -5.06 0.54	50.89 -5.62 4.56	48.18 -5.11 2.26	41.83 -3.99 0.08	37.11 -2.97 0.00	34.93 -1.99 0.00
DUNKIRK___4 23566	30.78 -3.01 0.00	28.93 -2.86 0.00	28.18 -2.69 0.00	27.41 -2.61 0.00	27.70 -2.54 0.00	30.78 -2.75 0.00	45.05 -3.97 0.00	46.68 -5.18 4.46	44.25 -4.67 2.43	39.82 -3.97 0.27	38.46 -3.65 0.82	35.23 -3.35 0.79	33.27 -3.39 1.87	33.56 -3.37 0.08	33.35 -3.15 0.08	36.42 -3.43 0.01	38.08 -3.31 0.00	39.60 -4.54 2.67	45.99 -5.06 0.54	50.89 -5.62 4.56	48.18 -5.11 2.26	41.83 -3.99 0.08	37.11 -2.97 0.00	34.93 -1.99 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.55 1.76 0.00	33.51 1.72 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.76 1.51 0.00	35.21 1.68 0.00	52.16 3.14 0.00	58.78 3.89 1.42	53.84 3.24 0.75	46.83 2.86 0.09	45.65 2.75 0.03	41.95 2.60 0.00	40.76 2.50 0.27	39.34 2.37 0.03	38.99 2.45 0.03	42.53 2.67 0.00	44.04 2.65 0.00	48.86 2.90 0.85	54.35 2.94 0.18	63.09 3.48 1.46	57.77 3.00 0.79	48.35 2.48 0.03	42.20 2.12 0.00	38.52 1.59 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.17 1.39 0.00	33.16 1.37 0.00	32.13 1.27 0.00	31.22 1.20 0.00	31.45 1.21 0.00	34.87 1.34 0.00	51.62 2.60 0.00	57.93 3.04 1.43	53.22 2.62 0.76	46.22 2.25 0.09	45.00 2.10 0.03	41.33 1.97 0.00	40.18 1.93 0.27	38.78 1.81 0.03	38.44 1.90 0.03	41.93 2.07 0.00	43.42 2.03 0.00	48.20 2.25 0.86	53.73 2.32 0.18	62.48 2.87 1.46	57.21 2.44 0.79	47.84 1.97 0.03	41.76 1.68 0.00	38.22 1.29 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	35.69 1.89 -0.01	33.70 1.91 -0.01	32.63 1.76 -0.01	31.71 1.68 -0.01	31.95 1.69 -0.01	35.35 1.81 -0.01	52.40 3.38 0.01	59.00 4.11 1.42	54.09 3.49 0.76	47.05 3.08 0.10	45.85 2.96 0.04	42.14 2.79 0.01	40.95 2.70 0.28	39.55 2.59 0.04	39.17 2.63 0.04	42.76 2.91 0.01	44.28 2.90 0.01	49.09 3.14 0.86	54.60 3.20 0.19	63.22 3.60 1.46	57.93 3.17 0.79	48.61 2.75 0.04	42.41 2.32 -0.01	38.67 1.74 -0.01
E179THST_13_KV_LOAD 356214	35.79 1.99 -0.01	33.80 2.00 -0.01	32.75 1.88 -0.01	31.83 1.80 -0.01	32.04 1.78 -0.01	35.45 1.91 -0.01	52.60 3.58 0.01	59.23 4.34 1.42	54.30 3.70 0.76	47.22 3.26 0.10	46.02 3.13 0.04	42.30 2.95 0.01	41.14 2.89 0.28	39.70 2.74 0.04	39.35 2.82 0.04	42.92 3.07 0.01	44.48 3.10 0.01	49.32 3.37 0.86	54.81 3.40 0.19	63.52 3.91 1.46	58.15 3.39 0.79	48.80 2.94 0.04	42.57 2.48 -0.01	38.82 1.88 -0.01
EAST HAMPTON___GT 23717	36.25 2.47 0.00	34.68 2.89 0.00	33.61 2.75 0.00	32.88 2.85 0.00	33.02 2.78 0.00	36.89 3.35 0.00	54.61 5.59 0.00	62.04 7.15 1.42	55.13 4.52 0.75	47.67 3.70 0.09	45.95 3.05 0.03	42.23 2.87 0.00	40.76 2.50 0.27	39.41 2.44 0.03	39.25 2.71 0.03	43.00 3.15 0.00	44.53 3.14 0.00	49.28 3.32 0.85	53.83 2.43 0.18	62.60 2.99 1.46	56.32 1.55 0.79	47.52 1.65 0.03	41.24 1.16 0.00	37.96 1.03 0.00
EAST RIVER___6 23660	35.68 1.89 0.00	33.63 1.84 0.00	32.59 1.73 0.00	31.70 1.68 0.00	31.91 1.66 0.00	35.34 1.81 0.00	52.46 3.43 0.00	59.06 4.17 1.42	54.20 3.59 0.75	47.14 3.17 0.09	45.95 3.05 0.03	42.23 2.87 0.00	41.07 2.81 0.27	39.67 2.70 0.03	39.29 2.74 0.03	42.88 3.03 0.00	44.41 3.02 0.00	49.19 3.23 0.85	54.66 3.25 0.18	63.40 3.79 1.46	58.04 3.28 0.79	48.67 2.80 0.03	42.36 2.28 0.00	38.70 1.77 0.00
EAST RIVER___7 23524	35.68 1.89 0.00	33.63 1.84 0.00	32.59 1.73 0.00	31.70 1.68 0.00	31.91 1.66 0.00	35.34 1.81 0.00	52.46 3.43 0.00	59.06 4.17 1.42	54.20 3.59 0.75	47.14 3.17 0.09	45.95 3.05 0.03	42.23 2.87 0.00	41.07 2.81 0.27	39.67 2.70 0.03	39.29 2.74 0.03	42.88 3.03 0.00	44.41 3.02 0.00	49.19 3.23 0.85	54.66 3.25 0.18	63.40 3.79 1.46	58.04 3.28 0.79	48.67 2.80 0.03	42.36 2.28 0.00	38.70 1.77 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.48 1.69 0.00	33.44 1.65 0.00	32.44 1.57 0.00	31.52 1.50 0.00	31.73 1.48 0.00	35.18 1.64 0.00	52.06 3.04 0.00	58.61 3.72 1.42	53.74 3.13 0.75	46.70 2.73 0.09	45.52 2.62 0.03	41.84 2.48 0.00	40.65 2.39 0.27	39.23 2.26 0.03	38.88 2.34 0.03	42.41 2.55 0.00	43.91 2.52 0.00	48.72 2.76 0.85	54.19 2.79 0.18	62.97 3.36 1.46	57.60 2.83 0.79	48.26 2.39 0.03	42.08 2.00 0.00	38.44 1.51 0.00
EAST_HAMPTON___DIESEL 23722	36.22 2.43 0.00	34.68 2.89 0.00	33.61 2.75 0.00	32.88 2.85 0.00	33.00 2.75 0.00	36.89 3.35 0.00	54.61 5.59 0.00	61.99 7.10 1.42	55.07 4.47 0.75	47.67 3.70 0.09	45.90 3.00 0.03	42.19 2.84 0.00	40.73 2.47 0.27	39.37 2.40 0.03	39.21 2.67 0.03	42.97 3.11 0.00	44.45 3.06 0.00	49.23 3.28 0.85	53.73 2.32 0.18	62.48 2.87 1.46	56.15 1.39 0.79	47.38 1.51 0.03	41.12 1.04 0.00	37.89 0.96 0.00
EAST_POINT___SOLAR 323840	36.35 2.57 0.00	34.17 2.39 0.00	33.11 2.25 0.00	32.24 2.22 0.00	32.51 2.27 0.00	36.48 2.95 0.00	53.88 4.85 0.00	59.52 4.73 1.52	54.25 3.70 0.81	46.25 2.29 0.10	44.61 1.72 0.03	40.38 1.02 0.00	39.67 1.43 0.29	38.26 1.29 0.03	37.82 1.28 0.03	41.81 1.95 0.00	43.95 2.57 0.00	49.97 4.07 0.92	55.99 4.59 0.19	65.37 5.86 1.56	59.93 5.22 0.85	49.91 4.04 0.03	43.48 3.40 0.00	39.77 2.84 0.00
EAST_PULASKI___ESR 323781	33.21 -0.57 0.00	31.18 -0.60 0.00	30.31 -0.55 0.00	29.45 -0.57 0.00	29.70 -0.54 0.00	32.99 -0.54 0.00	48.14 -0.88 0.00	53.76 -0.96 1.59	49.54 -0.98 0.85	43.12 -0.84 0.10	42.04 -0.86 0.04	38.49 -0.87 0.00	37.34 -0.88 0.31	36.12 -0.85 0.03	35.70 -0.84 0.03	38.98 -0.88 0.00	40.56 -0.83 0.00	45.06 -0.80 0.96	50.66 -0.72 0.20	58.88 -0.55 1.63	54.22 -0.45 0.88	45.36 -0.50 0.03	39.56 -0.52 0.00	36.52 -0.41 0.00
EAST_RIVER___1 323558	35.65 1.86 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.88 1.63 0.00	35.31 1.78 0.00	52.41 3.38 0.00	59.00 4.11 1.42	54.10 3.49 0.75	47.10 3.13 0.09	45.90 3.00 0.03	42.19 2.84 0.00	40.99 2.74 0.27	39.60 2.63 0.03	39.21 2.67 0.03	42.80 2.95 0.00	44.33 2.94 0.00	49.10 3.14 0.85	54.61 3.20 0.18	63.40 3.79 1.46	57.99 3.22 0.79	48.58 2.71 0.03	42.32 2.24 0.00	38.66 1.74 0.00
EAST_RIVER___2 323559	35.68 1.89 0.00	33.63 1.84 0.00	32.59 1.73 0.00	31.70 1.68 0.00	31.91 1.66 0.00	35.34 1.81 0.00	52.46 3.43 0.00	59.06 4.17 1.42	54.20 3.59 0.75	47.14 3.17 0.09	45.95 3.05 0.03	42.23 2.87 0.00	41.07 2.81 0.27	39.67 2.70 0.03	39.29 2.74 0.03	42.88 3.03 0.00	44.41 3.02 0.00	49.19 3.23 0.85	54.66 3.25 0.18	63.40 3.79 1.46	58.04 3.28 0.79	48.67 2.80 0.03	42.36 2.28 0.00	38.70 1.77 0.00
EAST___DELAWARE_HYD 23607	35.17 1.39 0.00	33.09 1.30 0.00	32.04 1.17 0.00	31.13 1.11 0.00	31.39 1.15 0.00	34.84 1.31 0.00	51.62 2.60 0.00	57.81 2.93 1.43	53.22 2.62 0.76	46.21 2.25 0.09	44.92 2.02 0.03	41.21 1.85 0.00	39.99 1.74 0.28	38.64 1.67 0.03	38.26 1.72 0.03	41.77 1.91 0.00	43.37 1.99 0.00	48.15 2.20 0.86	53.73 2.32 0.18	62.53 2.93 1.47	57.32 2.56 0.80	47.89 2.02 0.03	41.72 1.64 0.00	38.33 1.40 0.00
EIGHT_POINT___WT_PWR 323820	30.92 -2.87 0.00	29.02 -2.77 0.00	28.24 -2.62 0.00	27.41 -2.61 0.00	27.61 -2.63 0.00	30.88 -2.65 0.00	44.96 -4.07 0.00	46.04 -5.01 5.26	43.81 -4.47 3.08	39.78 -3.97 0.32	39.77 -4.16 -1.00	36.85 -3.74 -1.24	35.41 -3.51 -0.38	33.60 -3.33 0.07	33.39 -3.11 0.07	36.74 -3.11 0.01	38.74 -2.65 0.00	40.86 -2.81 3.14	48.18 -2.79 0.62	52.50 -3.18 5.39	50.13 -3.00 2.42	43.17 -2.66 0.07	38.04 -2.04 0.00	35.12 -1.81 0.00
ELBRIDGE_115KV_TB2 80188	33.21 -0.57 0.00	31.22 -0.57 0.00	30.31 -0.56 0.00	29.48 -0.54 0.00	29.73 -0.51 0.00	33.00 -0.54 0.00	48.09 -0.93 0.00	53.06 -0.96 2.30	49.27 -0.87 1.22	43.12 -0.79 0.15	42.11 -0.77 0.05	38.65 -0.71 0.00	37.40 -0.69 0.44	36.28 -0.67 0.05	35.86 -0.66 0.05	39.17 -0.68 0.01	40.73 -0.66 0.00	44.64 -0.80 1.38	50.47 -0.83 0.29	57.80 -0.92 2.35	53.50 -0.78 1.27	45.12 -0.73 0.05	39.44 -0.64 0.00	36.49 -0.44 0.00
ELEC_TRO_TEK 24086	35.78 1.99 0.00	33.76 1.97 0.00	32.71 1.85 0.00	31.76 1.74 0.00	31.94 1.69 0.00	35.58 2.05 0.00	52.41 3.38 0.00	59.34 4.45 1.42	54.05 3.44 0.75	47.05 3.08 0.09	45.82 2.92 0.03	42.15 2.79 0.00	40.88 2.62 0.27	39.49 2.52 0.03	39.17 2.63 0.03	42.76 2.91 0.00	44.33 2.94 0.00	49.05 3.09 0.85	54.35 2.94 0.18	63.15 3.54 1.46	57.77 3.00 0.79	48.53 2.66 0.03	42.44 2.36 0.00	38.66 1.74 0.00

ELLENBURG_WT_PWR 323604	-5.61 -1.32 38.08	-5.78 -1.30 36.27	-5.79 -1.27 35.38	-5.84 -1.20 34.66	-5.81 -1.21 34.84	-5.66 -1.34 37.85	-5.23 -2.21 52.05	-5.54 -2.25 59.60	-5.86 -2.11 55.11	-5.92 -1.76 48.22	-5.52 -1.59 46.86	37.94 -1.42 0.00	37.29 -1.15 0.08	35.99 -1.00 0.01	35.43 -1.13 0.01	38.74 -1.12 0.00	40.52 -0.87 0.00	45.57 -0.99 0.26	50.40 -1.14 0.05	59.59 -1.04 0.44	54.65 -0.66 0.24	45.43 -0.46 0.01	39.60 -0.48 0.00	36.52 -0.41 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.71 -3.07 0.00	28.83 -2.96 0.00	28.09 -2.78 0.00	27.32 -2.70 0.00	27.58 -2.66 0.00	30.68 -2.85 0.00	44.51 -4.51 0.00	46.28 -5.58 4.46	43.99 -4.93 2.44	39.64 -4.14 0.28	38.16 -3.86 0.91	34.97 -3.50 0.88	32.96 -3.58 1.98	33.44 -3.48 0.08	33.13 -3.36 0.08	36.14 -3.71 0.01	37.70 -3.68 0.00	39.41 -4.73 2.67	45.78 -5.26 0.55	50.46 -6.05 4.57	47.88 -5.39 2.28	41.55 -4.27 0.08	36.71 -3.37 0.00	34.68 -2.25 0.00
EMPIRE_CC_1 323656	34.90 1.11 0.00	32.93 1.14 0.00	31.91 1.05 0.00	31.07 1.05 0.00	31.27 1.03 0.00	34.71 1.17 0.00	50.79 1.76 0.00	56.57 1.63 1.37	52.17 1.54 0.73	45.29 1.32 0.09	44.14 1.25 0.03	40.50 1.14 0.00	39.35 1.08 0.26	37.97 1.00 0.03	37.60 1.06 0.03	41.01 1.16 0.00	42.38 0.99 0.00	47.11 1.12 0.83	52.55 1.13 0.17	60.88 1.22 1.41	55.74 0.94 0.76	46.74 0.87 0.03	40.84 0.76 0.00	37.63 0.70 0.00
EMPIRE_CC_2 323658	34.90 1.11 0.00	32.93 1.14 0.00	31.91 1.05 0.00	31.07 1.05 0.00	31.27 1.03 0.00	34.71 1.17 0.00	50.79 1.76 0.00	56.57 1.63 1.37	52.17 1.54 0.73	45.29 1.32 0.09	44.14 1.25 0.03	40.50 1.14 0.00	39.35 1.08 0.26	37.97 1.00 0.03	37.60 1.06 0.03	41.01 1.16 0.00	42.38 0.99 0.00	47.11 1.12 0.83	52.55 1.13 0.17	60.88 1.22 1.41	55.74 0.94 0.76	46.74 0.87 0.03	40.84 0.76 0.00	37.63 0.70 0.00
ENORWICH_115KV_TB1 80156	34.80 1.01 0.00	32.62 0.83 0.00	31.73 0.86 0.00	30.86 0.84 0.00	31.09 0.85 0.00	34.64 1.11 0.00	50.84 1.81 0.00	57.27 2.14 1.19	52.57 1.69 0.49	45.42 1.45 0.09	44.93 1.29 -0.71	41.11 0.94 -0.80	40.22 0.85 -0.84	37.72 0.78 0.05	37.40 0.88 0.05	41.13 1.28 0.01	43.13 1.74 0.00	48.33 2.25 0.73	54.30 2.89 0.17	63.94 4.09 1.22	58.42 3.83 0.97	48.74 2.89 0.05	42.48 2.40 0.00	39.18 2.25 0.00
ERIE_ST__34_KV_TB1-2 80199	31.02 -2.77 0.00	29.12 -2.67 0.00	28.36 -2.50 0.00	27.59 -2.43 0.00	27.88 -2.36 0.00	30.98 -2.55 0.00	45.20 -3.82 0.00	46.28 -5.58 4.46	44.15 -4.78 2.44	39.91 -3.88 0.27	38.60 -3.48 0.86	35.42 -3.11 0.83	33.30 -3.31 1.92	33.52 -3.40 0.08	33.46 -3.04 0.08	36.58 -3.27 0.01	38.28 -3.10 0.00	39.41 -4.73 2.67	45.63 -5.42 0.54	50.40 -6.11 4.56	47.67 -5.61 2.27	41.60 -4.22 0.08	37.23 -2.85 0.00	35.08 -1.85 0.00
ERIE_WT_PWR 323693	30.81 -2.97 0.00	28.93 -2.86 0.00	28.24 -2.62 0.00	27.44 -2.58 0.00	27.67 -2.57 0.00	30.78 -2.75 0.00	44.76 -4.27 0.00	46.39 -5.46 4.46	44.15 -4.78 2.44	39.82 -3.97 0.28	38.36 -3.69 0.88	35.20 -3.31 0.85	33.16 -3.43 1.94	33.52 -3.40 0.08	33.17 -3.33 0.08	36.18 -3.67 0.01	37.95 -3.43 0.00	39.51 -4.64 2.67	45.83 -5.21 0.54	50.52 -5.98 4.57	47.89 -5.39 2.28	41.50 -4.32 0.08	37.16 -2.92 0.00	34.86 -2.07 0.00
ESPRGFLD_115KV_TB1 80157	35.61 1.82 0.00	33.44 1.65 0.00	32.47 1.60 0.00	31.58 1.56 0.00	31.85 1.60 0.00	35.65 2.11 0.00	52.55 3.53 0.00	58.46 3.89 1.74	53.73 3.29 0.92	46.50 2.56 0.11	45.17 2.28 0.04	41.25 1.89 0.00	40.09 1.89 0.33	38.74 1.78 0.04	38.33 1.79 0.04	42.05 2.19 0.00	43.87 2.48 0.00	48.95 3.18 1.04	54.77 3.40 0.22	63.62 4.34 1.78	58.48 3.89 0.96	48.85 2.98 0.04	42.60 2.52 0.00	39.11 2.18 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.86 0.07 0.00	31.79 0.00 0.00	30.86 0.00 0.00	30.02 0.00 0.00	30.27 0.03 0.00	33.67 0.13 0.00	49.27 0.25 0.00	57.15 0.28 -0.56	52.03 0.15 -0.52	44.10 0.04 0.01	44.56 0.00 -1.63	41.04 -0.08 -1.76	40.83 -0.12 -2.42	36.83 -0.11 0.06	36.44 -0.07 0.06	39.89 0.04 0.01	41.59 0.21 0.00	47.36 0.23 -0.31	52.01 0.41 -0.01	62.38 0.73 -0.57	55.83 0.72 0.45	46.30 0.46 0.06	40.48 0.40 0.00	37.37 0.44 0.00
ETNA____115KV_TB2 80207	33.86 0.07 0.00	31.79 0.00 0.00	30.86 0.00 0.00	30.02 0.00 0.00	30.27 0.03 0.00	33.67 0.13 0.00	49.27 0.25 0.00	57.15 0.28 -0.56	52.03 0.15 -0.52	44.10 0.04 0.01	44.56 0.00 -1.63	41.04 -0.08 -1.76	40.83 -0.12 -2.42	36.83 -0.11 0.06	36.44 -0.07 0.06	39.89 0.04 0.01	41.59 0.21 0.00	47.36 0.23 -0.31	52.01 0.41 -0.01	62.38 0.73 -0.57	55.83 0.72 0.45	46.30 0.46 0.06	40.48 0.40 0.00	37.37 0.44 0.00
EUCLID__115KV_TB2 356179	33.04 -0.74 0.00	31.06 -0.73 0.00	30.18 -0.68 0.00	29.33 -0.69 0.00	29.58 -0.67 0.00	32.83 -0.70 0.00	47.85 -1.18 0.00	51.81 -1.35 3.15	48.51 -1.18 1.67	42.85 -1.01 0.20	41.87 -0.99 0.07	38.45 -0.91 0.00	37.04 -0.89 0.60	36.08 -0.85 0.07	35.66 -0.84 0.07	38.93 -0.92 0.01	40.48 -0.91 0.00	43.84 -1.08 1.89	50.00 -1.19 0.40	56.56 -1.28 3.23	52.64 -1.17 1.75	44.78 -1.06 0.07	39.12 -0.96 0.00	36.23 -0.70 0.00
E_CANADA_CAP_HY 24051	36.19 2.40 0.00	34.01 2.22 0.00	32.96 2.10 0.00	32.09 2.07 0.00	32.36 2.12 0.00	36.35 2.82 0.00	53.68 4.66 0.00	59.63 4.90 1.58	54.63 4.11 0.84	46.91 2.95 0.10	45.38 2.49 0.04	41.40 2.05 0.00	40.35 2.12 0.30	38.93 1.96 0.03	38.51 1.97 0.03	42.33 2.47 0.00	44.24 2.85 0.00	49.84 3.98 0.95	55.62 4.23 0.20	64.82 5.38 1.62	59.51 4.83 0.88	49.63 3.76 0.03	43.21 3.13 0.00	39.59 2.66 0.00
E_CANADA_MHWK_HY 24050	32.30 -1.49 0.00	30.36 -1.43 0.00	29.47 -1.39 0.00	28.67 -1.35 0.00	28.88 -1.36 0.00	32.02 -1.51 0.00	46.92 -2.11 0.00	52.14 -2.48 1.70	48.20 -2.26 0.90	42.01 -1.94 0.11	40.96 -1.93 0.04	37.63 -1.73 0.00	36.55 -1.66 0.33	35.37 -1.59 0.04	34.96 -1.57 0.04	38.30 -1.56 0.00	39.86 -1.53 0.00	44.15 -1.64 1.02	49.72 -1.65 0.21	57.56 -1.77 1.74	53.00 -1.61 0.94	44.44 -1.42 0.04	38.64 -1.44 0.00	35.49 -1.44 0.00
E_FISHKILL__LBMP 23776	35.27 1.49 0.00	33.28 1.49 0.00	32.25 1.39 0.00	31.34 1.32 0.00	31.57 1.33 0.00	34.97 1.44 0.00	51.72 2.70 0.00	58.05 3.15 1.42	53.33 2.72 0.75	46.30 2.34 0.09	45.13 2.23 0.03	41.44 2.09 0.00	40.30 2.04 0.27	38.89 1.92 0.03	38.52 1.97 0.03	42.05 2.19 0.00	43.50 2.11 0.00	48.25 2.29 0.85	53.78 2.37 0.18	62.42 2.81 1.45	57.16 2.39 0.79	47.84 1.97 0.03	41.76 1.68 0.00	38.18 1.26 0.00
FALCON___SEABRD_CC1 323796	-6.40 -1.52 38.67	-6.47 -1.43 36.82	-6.48 -1.42 35.93	-6.52 -1.35 35.20	-6.49 -1.36 35.37	-6.40 -1.51 38.43	-6.22 -2.40 52.85	-6.28 -2.08 60.51	-6.50 -1.90 55.96	-6.48 -1.58 48.95	-6.28 -1.63 47.58	37.90 -1.46 0.00	37.33 -1.12 0.08	36.03 -0.96 0.01	35.39 -1.17 0.01	38.74 -1.12 0.00	40.60 -0.79 0.00	45.76 -0.80 0.26	50.76 -0.77 0.05	60.13 -0.49 0.44	55.09 -0.22 0.24	45.84 -0.05 0.01	39.88 -0.20 0.00	36.74 -0.18 0.00

FALCON___SEABRD_CC2 323797	-6.40 -1.52 38.67	-6.47 -1.43 36.82	-6.48 -1.42 35.93	-6.52 -1.35 35.20	-6.49 -1.36 35.37	-6.40 -1.51 38.43	-6.22 -2.40 52.85	-6.28 -2.08 60.51	-6.50 -1.90 55.96	-6.48 -1.58 48.95	-6.28 -1.63 47.58	37.90 -1.46 0.00	37.33 -1.12 0.08	36.03 -0.96 0.01	35.39 -1.17 0.01	38.74 -1.12 0.00	40.60 -0.79 0.00	45.76 -0.80 0.26	50.76 -0.77 0.05	60.13 -0.49 0.44	55.09 -0.22 0.24	45.84 -0.05 0.01	39.88 -0.20 0.00	36.74 -0.18 0.00
FAR ROCKAWAY___4 23548	36.12 2.33 0.00	34.11 2.32 0.00	33.02 2.16 0.00	32.06 2.04 0.00	32.24 2.00 0.00	35.91 2.38 0.00	52.95 3.92 0.00	59.96 5.07 1.42	54.61 4.01 0.75	47.58 3.61 0.09	46.33 3.43 0.03	42.62 3.27 0.00	41.34 3.08 0.27	39.93 2.96 0.03	39.61 3.07 0.03	43.20 3.35 0.00	44.82 3.44 0.00	49.66 3.70 0.85	55.02 3.61 0.18	63.95 4.34 1.46	58.49 3.72 0.79	49.17 3.30 0.03	42.97 2.89 0.00	39.11 2.18 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.65 1.86 0.00	33.76 1.97 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.41 3.38 0.00	59.00 4.11 1.42	54.10 3.49 0.75	47.05 3.08 0.09	45.86 2.96 0.03	42.19 2.83 0.00	40.99 2.74 0.27	39.56 2.59 0.03	39.21 2.67 0.03	42.76 2.91 0.00	44.28 2.90 0.00	49.09 3.14 0.85	54.61 3.20 0.18	63.34 3.73 1.46	57.93 3.17 0.79	48.58 2.71 0.03	42.36 2.28 0.00	38.66 1.74 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.65 1.86 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.41 3.38 0.00	59.00 4.11 1.42	54.10 3.49 0.75	47.05 3.08 0.09	45.86 2.96 0.03	42.15 2.79 0.00	40.99 2.74 0.27	39.56 2.59 0.03	39.21 2.67 0.03	42.76 2.91 0.00	44.28 2.90 0.00	49.09 3.14 0.85	54.61 3.20 0.18	63.34 3.73 1.46	57.99 3.22 0.79	48.58 2.71 0.03	42.36 2.28 0.00	38.66 1.74 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.61 1.82 0.00	33.57 1.78 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.41 3.38 0.00	59.00 4.11 1.42	54.05 3.44 0.75	47.05 3.08 0.09	45.86 2.96 0.03	42.15 2.79 0.00	40.96 2.70 0.27	39.56 2.59 0.03	39.21 2.67 0.03	42.76 2.91 0.00	44.28 2.90 0.00	49.09 3.14 0.85	54.56 3.15 0.18	63.28 3.66 1.46	57.93 3.17 0.79	48.53 2.66 0.03	42.32 2.24 0.00	38.63 1.70 0.00
FARRAGUT___LBMP 323566	35.61 1.82 0.00	33.57 1.78 0.00	32.53 1.67 0.00	31.64 1.62 0.00	31.82 1.57 0.00	35.28 1.74 0.00	52.36 3.33 0.00	58.95 4.05 1.42	54.05 3.44 0.75	47.01 3.04 0.09	45.82 2.92 0.03	42.11 2.76 0.00	40.92 2.66 0.27	39.52 2.55 0.03	39.17 2.63 0.03	42.72 2.87 0.00	44.24 2.86 0.00	49.05 3.09 0.85	54.50 3.10 0.18	63.28 3.66 1.46	57.88 3.11 0.79	48.53 2.66 0.03	42.32 2.24 0.00	38.63 1.70 0.00
FENNER___WINDPWR 24204	34.13 0.34 0.00	32.04 0.25 0.00	31.14 0.28 0.00	30.29 0.27 0.00	30.52 0.27 0.00	33.90 0.37 0.00	49.62 0.59 0.00	55.19 0.68 1.80	51.07 0.62 0.91	44.42 0.49 0.12	43.59 0.43 -0.23	40.01 0.35 -0.30	38.88 0.31 -0.04	37.21 0.26 0.05	36.78 0.26 0.05	40.25 0.40 0.01	41.89 0.50 0.00	46.33 0.61 1.09	52.12 0.77 0.24	60.33 1.10 1.84	55.46 1.05 1.14	46.58 0.73 0.05	40.68 0.60 0.00	37.52 0.59 0.00
FIBERTEK___ENERGY 23856	33.42 -0.37 0.00	31.41 -0.38 0.00	30.49 -0.37 0.00	29.63 -0.39 0.00	29.88 -0.36 0.00	33.20 -0.34 0.00	48.39 -0.64 0.00	53.31 -0.62 2.38	49.53 -0.56 1.26	43.42 -0.48 0.15	42.40 -0.47 0.05	38.92 -0.43 0.00	37.65 -0.42 0.46	36.58 -0.37 0.05	36.15 -0.37 0.05	39.45 -0.40 0.01	41.02 -0.37 0.00	44.91 -0.47 1.43	50.82 -0.46 0.30	58.14 -0.49 2.44	53.79 -0.44 1.32	45.43 -0.41 0.05	39.68 -0.40 0.00	36.71 -0.22 0.00
FITZPATRICK____ 23598	32.74 -1.05 0.00	30.77 -1.02 0.00	29.91 -0.96 0.00	29.09 -0.93 0.00	29.31 -0.94 0.00	32.53 -1.01 0.00	47.31 -1.72 0.00	42.18 -2.08 12.05	43.13 -1.85 6.39	41.70 -1.58 0.77	41.07 -1.59 0.27	37.90 -1.46 0.00	34.80 -1.42 2.31	35.41 -1.33 0.26	34.99 -1.32 0.26	38.40 -1.43 0.03	39.90 -1.49 0.00	37.89 -1.68 7.24	48.22 -1.86 1.51	46.59 -2.14 12.34	46.92 -1.95 6.68	43.99 -1.65 0.26	38.68 -1.40 0.00	35.75 -1.18 0.00
FLOWRFLD_69_KV_BK1 356044	36.19 2.40 0.00	34.33 2.54 0.00	33.24 2.38 0.00	32.27 2.25 0.00	32.42 2.18 0.00	36.25 2.72 0.00	53.44 4.41 0.00	60.69 5.80 1.42	54.66 4.06 0.75	47.54 3.57 0.09	46.16 3.26 0.03	42.51 3.15 0.00	41.11 2.85 0.27	39.67 2.70 0.03	39.43 2.89 0.03	43.12 3.27 0.00	44.74 3.35 0.00	49.52 3.56 0.85	54.71 3.30 0.18	63.76 4.15 1.46	58.21 3.44 0.79	48.90 3.03 0.03	42.72 2.65 0.00	38.81 1.88 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.58 1.79 0.00	33.51 1.72 0.00	32.47 1.60 0.00	31.55 1.53 0.00	31.76 1.51 0.00	35.24 1.71 0.00	52.21 3.19 0.00	58.55 3.66 1.42	53.89 3.29 0.75	46.79 2.82 0.09	45.56 2.66 0.03	41.84 2.48 0.00	40.65 2.39 0.27	39.23 2.26 0.03	38.88 2.34 0.03	42.41 2.55 0.00	43.95 2.57 0.00	48.77 2.81 0.86	54.35 2.94 0.18	63.21 3.60 1.46	57.88 3.11 0.79	48.39 2.52 0.03	42.20 2.12 0.00	38.63 1.70 0.00
FORT ORANGE____ 23900	35.00 1.21 0.00	33.03 1.24 0.00	32.01 1.14 0.00	31.13 1.11 0.00	31.36 1.12 0.00	34.84 1.31 0.00	51.13 2.11 0.00	57.08 2.14 1.38	52.69 2.06 0.73	45.60 1.63 0.09	44.40 1.50 0.03	40.70 1.34 0.00	39.54 1.27 0.26	38.12 1.15 0.03	37.75 1.21 0.03	41.21 1.36 0.00	42.67 1.28 0.00	47.53 1.54 0.83	53.02 1.60 0.17	61.56 1.90 1.41	56.40 1.61 0.76	47.20 1.33 0.03	41.20 1.12 0.00	37.85 0.92 0.00
FORT_DRUM_COGEN 23780	35.52 0.03 -1.70	33.31 -0.10 -1.62	32.33 -0.03 -1.49	31.54 -0.03 -1.55	31.77 -0.03 -1.56	35.32 0.10 -1.69	51.32 0.10 -2.20	57.50 0.28 -0.91	52.74 -0.15 -1.53	46.01 -0.09 -2.04	44.90 -0.09 -2.05	39.00 -0.35 0.00	37.81 -0.39 0.33	36.52 -0.44 0.04	36.06 -0.48 0.04	39.53 -0.32 0.00	41.18 -0.21 0.00	45.87 0.09 1.04	51.89 0.52 0.22	60.58 1.28 1.77	56.04 1.44 0.96	46.73 0.87 0.04	40.60 0.52 0.00	37.41 0.48 0.00
FOX_HILLS___ESR 323835	51.09 2.23 -15.07	33.96 2.16 -0.01	33.01 2.04 -0.11	32.11 1.98 -0.11	32.19 1.94 -0.01	50.47 2.15 -14.79	52.81 3.77 -0.01	59.45 4.56 1.42	55.21 3.75 -0.10	60.92 3.26 -13.60	61.59 3.09 -15.57	65.90 2.91 -23.63	67.77 2.85 -26.38	69.15 2.70 -29.45	69.48 2.78 -30.13	66.55 3.07 -23.62	65.28 3.06 -20.83	61.13 3.32 -11.00	91.83 3.51 -36.74	91.80 4.03 -26.70	58.33 3.56 0.78	56.66 2.94 -7.82	56.02 2.57 -13.38	51.14 2.03 -12.18
FPL FAR_ROCK_GT1 24212	36.12 2.33 0.00	34.11 2.32 0.00	32.99 2.13 0.00	32.09 2.07 0.00	32.27 2.03 0.00	35.95 2.42 0.00	52.99 3.97 0.00	60.02 5.12 1.42	54.66 4.06 0.75	47.62 3.66 0.09	46.37 3.48 0.03	42.66 3.31 0.00	41.38 3.12 0.27	39.97 3.00 0.03	39.61 3.07 0.03	43.24 3.39 0.00	44.86 3.48 0.00	49.66 3.70 0.85	55.07 3.66 0.18	64.07 4.46 1.46	58.49 3.72 0.79	49.22 3.35 0.03	42.88 2.80 0.00	39.11 2.18 0.00

FPL FAR_ROCK_GT2 23815	36.12 2.33 0.00	34.11 2.32 0.00	32.99 2.13 0.00	32.09 2.07 0.00	32.27 2.03 0.00	35.95 2.42 0.00	52.99 3.97 0.00	60.02 5.12 1.42	54.66 4.06 0.75	47.62 3.66 0.09	46.37 3.48 0.03	42.66 3.31 0.00	41.38 3.12 0.27	39.97 3.00 0.03	39.61 3.07 0.03	43.24 3.39 0.00	44.86 3.48 0.00	49.66 3.70 0.85	55.07 3.66 0.18	64.07 4.46 1.46	58.49 3.72 0.79	49.22 3.35 0.03	42.88 2.80 0.00	39.11 2.18 0.00
FRANKLIN_FALL_HYD 24054	58.17 -1.01 -25.40	54.96 -1.02 -24.19	53.15 -1.02 -23.30	52.21 -0.93 -23.12	52.57 -0.91 -23.24	57.80 -0.97 -25.24	81.52 -1.76 -34.26	93.77 -1.46 -38.92	86.13 -1.54 -36.31	75.02 -1.15 -32.10	73.18 -0.99 -31.23	38.41 -0.94 0.00	37.70 -0.73 0.10	36.40 -0.59 0.01	35.79 -0.77 0.01	39.10 -0.76 0.00	40.89 -0.50 0.00	45.93 -0.56 0.32	50.90 -0.62 0.07	60.16 -0.37 0.54	55.04 -0.22 0.29	45.75 -0.14 0.01	39.88 -0.20 0.00	36.74 -0.18 0.00
FREEPORT_EQUS_GT1 23764	35.95 2.16 0.00	33.95 2.16 0.00	32.84 1.98 0.00	31.94 1.92 0.00	32.12 1.88 0.00	35.81 2.28 0.00	52.70 3.68 0.00	59.74 4.84 1.42	54.31 3.70 0.75	47.32 3.35 0.09	46.07 3.18 0.03	42.39 3.03 0.00	41.07 2.81 0.27	39.67 2.70 0.03	39.40 2.85 0.03	43.00 3.15 0.00	44.62 3.23 0.00	49.33 3.37 0.85	54.71 3.30 0.18	63.64 4.03 1.46	58.04 3.28 0.79	48.85 2.98 0.03	42.57 2.49 0.00	38.88 1.96 0.00
FREEPORT___CT2 23818	35.95 2.16 0.00	33.95 2.16 0.00	32.84 1.98 0.00	31.94 1.92 0.00	32.12 1.88 0.00	35.81 2.28 0.00	52.70 3.68 0.00	59.74 4.84 1.42	54.31 3.70 0.75	47.32 3.35 0.09	46.07 3.18 0.03	42.39 3.03 0.00	41.07 2.81 0.27	39.67 2.70 0.03	39.40 2.85 0.03	43.00 3.15 0.00	44.62 3.23 0.00	49.33 3.37 0.85	54.71 3.30 0.18	63.64 4.03 1.46	58.04 3.28 0.79	48.85 2.98 0.03	42.57 2.49 0.00	38.88 1.96 0.00
FRESHKLS_33_KV_LOAD 356253	51.09 2.23 -15.07	33.96 2.16 -0.01	33.01 2.04 -0.11	32.11 1.98 -0.11	32.19 1.94 -0.01	50.47 2.15 -14.79	52.71 3.68 -0.01	59.28 4.39 1.42	54.96 3.60 -0.01	54.90 3.08 -7.75	54.40 2.92 -8.55	54.39 2.76 -12.28	54.39 2.70 -13.16	54.42 2.59 -14.83	54.38 2.63 -15.18	54.89 2.91 -12.12	55.09 2.90 -10.81	55.61 3.14 -5.66	55.56 3.35 -0.62	63.47 3.85 1.45	58.22 3.44 0.78	55.65 2.80 -6.95	54.47 2.48 -11.91	51.14 2.03 -12.18
FULTON COGEN____ 23766	33.01 -0.78 0.00	31.03 -0.76 0.00	30.12 -0.74 0.00	29.30 -0.72 0.00	29.52 -0.77 0.00	32.76 -0.77 0.00	47.75 -1.27 0.00	53.59 -1.41 1.31	49.43 -1.23 0.70	42.92 -1.06 0.08	41.83 -1.07 0.03	38.37 -0.98 0.00	37.32 -0.96 0.25	36.08 -0.89 0.03	35.63 -0.91 0.03	38.90 -0.96 0.00	40.39 -0.99 0.00	44.90 -1.12 0.79	50.24 -1.19 0.17	58.44 -1.28 1.35	53.66 -1.17 0.73	44.82 -1.06 0.03	39.12 -0.96 0.00	36.19 -0.74 0.00
FULTON___LFGE 323630	36.02 2.23 0.00	33.85 2.07 0.00	32.81 1.95 0.00	31.94 1.92 0.00	32.21 1.96 0.00	36.12 2.58 0.00	53.29 4.26 0.00	59.31 4.51 1.51	54.41 3.85 0.80	46.74 2.78 0.10	45.26 2.36 0.03	41.29 1.93 0.00	40.21 1.96 0.29	38.78 1.81 0.03	38.40 1.86 0.03	42.17 2.31 0.00	44.00 2.61 0.00	49.51 3.60 0.91	55.32 3.92 0.19	64.47 4.94 1.55	59.16 4.45 0.84	49.31 3.44 0.03	42.97 2.89 0.00	39.33 2.40 0.00
G.F.CEMENT___DRP 24184	35.00 1.22 0.00	32.93 1.14 0.00	31.91 1.05 0.00	31.04 1.02 0.00	31.30 1.06 0.00	34.81 1.27 0.00	51.53 2.50 0.00	57.45 2.53 1.39	53.09 2.47 0.74	45.91 1.94 0.09	44.57 1.67 0.03	40.81 1.46 0.00	39.57 1.31 0.27	38.04 1.07 0.03	37.71 1.17 0.03	41.33 1.47 0.00	42.79 1.41 0.00	47.85 1.87 0.84	53.37 1.96 0.18	62.21 2.56 1.43	56.89 2.11 0.77	47.57 1.70 0.03	41.48 1.40 0.00	37.93 1.00 0.00
GARDENVILLE___LBMP 24039	30.75 -3.04 0.00	28.86 -2.92 0.00	28.12 -2.75 0.00	27.35 -2.67 0.00	27.64 -2.60 0.00	30.72 -2.82 0.00	44.66 -4.36 0.00	46.28 -5.58 4.46	44.04 -4.88 2.44	39.69 -4.10 0.28	38.26 -3.78 0.89	35.07 -3.42 0.86	33.06 -3.51 1.96	33.48 -3.44 0.08	33.20 -3.29 0.08	36.22 -3.63 0.01	37.83 -3.56 0.00	39.41 -4.73 2.67	45.78 -5.26 0.54	50.52 -5.98 4.57	47.89 -5.39 2.28	41.60 -4.22 0.08	36.83 -3.25 0.00	34.75 -2.18 0.00
GARDNVLA_35_KV_LD 355827	30.92 -2.87 0.00	28.99 -2.80 0.00	28.24 -2.62 0.00	27.47 -2.55 0.00	27.76 -2.48 0.00	30.88 -2.65 0.00	44.86 -4.17 0.00	46.51 -5.35 4.46	44.25 -4.67 2.44	39.91 -3.88 0.28	38.50 -3.56 0.87	35.33 -3.19 0.84	33.28 -3.31 1.93	33.67 -3.26 0.08	33.42 -3.07 0.08	36.46 -3.39 0.01	38.08 -3.31 0.00	39.65 -4.49 2.67	45.94 -5.11 0.54	50.70 -5.80 4.57	48.06 -5.22 2.27	41.78 -4.04 0.08	37.03 -3.05 0.00	34.97 -1.96 0.00
GELCKHM___115KV_LOAD 80723	33.18 -0.61 0.00	31.18 -0.60 0.00	30.25 -0.62 0.00	29.42 -0.60 0.00	29.67 -0.57 0.00	32.96 -0.57 0.00	48.04 -0.98 0.00	52.29 -1.13 2.90	48.80 -1.03 1.54	43.04 -0.84 0.19	42.05 -0.82 0.07	38.61 -0.75 0.00	37.24 -0.73 0.56	36.23 -0.70 0.06	35.81 -0.69 0.06	39.13 -0.72 0.01	40.64 -0.74 0.00	44.23 -0.84 1.74	50.29 -0.93 0.36	57.06 -1.04 2.97	53.00 -0.94 1.61	45.01 -0.83 0.06	39.32 -0.76 0.00	36.41 -0.52 0.00
GENERAL___MILLS 23808	30.85 -2.94 0.00	28.93 -2.86 0.00	28.18 -2.69 0.00	27.41 -2.61 0.00	27.70 -2.54 0.00	30.78 -2.75 0.00	44.76 -4.27 0.00	46.34 -5.52 4.46	44.09 -4.83 2.44	39.78 -4.01 0.28	38.36 -3.69 0.88	35.16 -3.35 0.85	33.16 -3.43 1.94	33.55 -3.37 0.08	33.27 -3.22 0.08	36.30 -3.55 0.01	37.95 -3.44 0.00	39.51 -4.63 2.67	45.78 -5.26 0.54	50.52 -5.98 4.57	47.89 -5.39 2.28	41.64 -4.18 0.08	36.91 -3.17 0.00	34.86 -2.07 0.00
GE_PLASTICS___DRP 24183	34.80 1.01 0.00	32.84 1.05 0.00	31.82 0.96 0.00	30.95 0.93 0.00	31.18 0.94 0.00	34.61 1.07 0.00	50.79 1.76 0.00	56.75 1.80 1.37	52.33 1.69 0.73	45.38 1.41 0.09	44.19 1.29 0.03	40.54 1.18 0.00	39.39 1.12 0.26	38.01 1.04 0.03	37.64 1.10 0.03	41.05 1.20 0.00	42.50 1.12 0.00	47.30 1.31 0.82	52.76 1.34 0.17	61.19 1.53 1.40	56.13 1.33 0.76	46.97 1.10 0.03	41.00 0.92 0.00	37.70 0.78 0.00
GILBOA___1 23756	34.60 0.81 0.00	32.61 0.83 0.00	31.63 0.77 0.00	30.77 0.75 0.00	31.00 0.76 0.00	34.37 0.84 0.00	50.49 1.47 0.00	56.21 1.52 1.62	51.94 1.44 0.86	45.19 1.23 0.10	44.05 1.16 0.04	40.42 1.06 0.00	39.22 1.00 0.31	37.93 0.96 0.04	37.52 0.99 0.04	40.97 1.11 0.00	42.46 1.07 0.00	47.01 1.17 0.97	52.62 1.24 0.20	60.75 1.34 1.66	55.88 1.22 0.90	46.87 1.01 0.04	40.96 0.88 0.00	37.63 0.70 0.00
GILBOA___2 23757	34.60 0.81 0.00	32.61 0.83 0.00	31.63 0.77 0.00	30.77 0.75 0.00	31.00 0.76 0.00	34.37 0.84 0.00	50.49 1.47 0.00	56.21 1.52 1.62	51.94 1.44 0.86	45.19 1.23 0.10	44.05 1.16 0.04	40.42 1.06 0.00	39.22 1.00 0.31	37.93 0.96 0.04	37.52 0.99 0.04	40.97 1.11 0.00	42.46 1.07 0.00	47.01 1.17 0.97	52.62 1.24 0.20	60.75 1.34 1.66	55.88 1.22 0.90	46.87 1.01 0.04	40.96 0.88 0.00	37.63 0.70 0.00

GILBOA___3 23758	34.60 0.81 0.00	32.61 0.83 0.00	31.63 0.77 0.00	30.77 0.75 0.00	31.00 0.76 0.00	34.37 0.84 0.00	50.49 1.47 0.00	56.21 1.52 1.62	51.94 1.44 0.86	45.19 1.23 0.10	44.05 1.16 0.04	40.42 1.06 0.00	39.22 1.00 0.31	37.93 0.96 0.04	37.52 0.99 0.04	40.97 1.11 0.00	42.46 1.07 0.00	47.01 1.17 0.97	52.62 1.24 0.20	60.75 1.34 1.66	55.88 1.22 0.90	46.87 1.01 0.04	40.96 0.88 0.00	37.63 0.70 0.00
GILBOA___4 23759	34.60 0.81 0.00	32.61 0.83 0.00	31.63 0.77 0.00	30.77 0.75 0.00	31.00 0.76 0.00	34.37 0.84 0.00	50.49 1.47 0.00	56.21 1.52 1.62	51.94 1.44 0.86	45.19 1.23 0.10	44.05 1.16 0.04	40.42 1.06 0.00	39.22 1.00 0.31	37.93 0.96 0.04	37.52 0.99 0.04	40.97 1.11 0.00	42.46 1.07 0.00	47.01 1.17 0.97	52.62 1.24 0.20	60.75 1.34 1.66	55.88 1.22 0.90	46.87 1.01 0.04	40.96 0.88 0.00	37.63 0.70 0.00
GILBOA___ 23599	34.60 0.81 0.00	32.62 0.83 0.00	31.63 0.77 0.00	30.77 0.75 0.00	31.00 0.76 0.00	34.37 0.84 0.00	50.50 1.47 0.00	56.21 1.52 1.62	51.94 1.44 0.86	45.19 1.23 0.10	44.05 1.16 0.04	40.42 1.06 0.00	39.22 1.00 0.31	37.93 0.96 0.04	37.52 0.99 0.04	40.97 1.12 0.00	42.46 1.08 0.00	47.01 1.17 0.97	52.62 1.24 0.20	60.75 1.34 1.66	55.88 1.22 0.90	46.87 1.01 0.04	40.96 0.88 0.00	37.63 0.70 0.00
GINNA___ 23603	30.78 -3.01 0.00	28.83 -2.96 0.00	28.09 -2.78 0.00	27.26 -2.76 0.00	27.52 -2.72 0.00	30.62 -2.92 0.00	44.56 -4.46 0.00	47.30 -4.73 4.29	44.87 -4.16 2.33	40.18 -3.61 0.27	39.13 -3.48 0.32	35.93 -3.19 0.24	34.22 -3.16 1.15	33.96 -2.96 0.08	33.49 -3.00 0.08	36.58 -3.27 0.01	38.07 -3.31 0.00	40.45 -3.79 2.57	46.98 -4.08 0.53	51.92 -4.76 4.39	49.01 -4.28 2.27	42.28 -3.53 0.08	36.87 -3.21 0.00	34.23 -2.69 0.00
GLEN PARK___ 23778	35.65 0.24 -1.62	33.43 0.10 -1.54	32.44 0.16 -1.42	31.65 0.15 -1.48	31.88 0.15 -1.48	35.44 0.30 -1.61	51.51 0.39 -2.09	57.70 0.62 -0.76	52.87 0.10 -1.40	46.13 0.13 -1.94	44.88 0.00 -1.95	39.16 -0.20 0.00	37.93 -0.27 0.34	36.63 -0.33 0.04	36.17 -0.37 0.04	39.66 -0.20 0.00	41.39 0.00 0.00	46.13 0.37 1.05	52.19 0.82 0.22	61.04 1.77 1.80	56.47 1.89 0.97	47.10 1.24 0.04	40.92 0.84 0.00	37.71 0.78 0.00
GLENDALE_27_KV_LOAD 356172	35.92 2.13 -0.01	33.86 2.07 -0.01	32.82 1.94 -0.01	31.92 1.89 -0.01	32.10 1.84 -0.01	35.59 2.05 -0.01	52.81 3.77 -0.01	59.45 4.56 1.42	54.64 3.90 0.62	53.55 3.44 -6.05	53.55 3.31 -7.31	54.29 3.11 -11.82	55.03 3.04 -13.46	55.03 2.89 -15.14	55.03 2.96 -15.49	55.04 3.23 -11.95	55.04 3.23 -10.43	55.06 3.51 -4.74	60.34 3.61 -5.14	63.76 4.15 1.46	58.38 3.61 0.79	50.13 3.12 -1.11	44.64 2.65 -1.92	39.41 2.03 -0.45
GLENWOOD_IC_1_G5 23712	35.92 2.13 0.00	33.92 2.13 0.00	32.87 2.01 0.00	31.88 1.86 0.00	32.06 1.81 0.00	35.71 2.18 0.00	52.65 3.63 0.00	59.68 4.79 1.42	54.36 3.75 0.75	47.32 3.35 0.09	46.12 3.22 0.03	42.43 3.07 0.00	41.15 2.89 0.27	39.74 2.78 0.03	39.43 2.89 0.03	43.04 3.19 0.00	44.62 3.23 0.00	49.33 3.37 0.85	54.66 3.25 0.18	63.52 3.91 1.46	58.04 3.28 0.79	48.81 2.94 0.03	42.68 2.61 0.00	38.85 1.92 0.00
GLENWOOD_IC_2_G1 23688	35.85 2.06 0.00	33.85 2.07 0.00	32.78 1.91 0.00	31.88 1.86 0.00	32.06 1.81 0.00	35.68 2.15 0.00	52.60 3.58 0.00	59.56 4.67 1.42	54.25 3.65 0.75	47.28 3.31 0.09	46.03 3.13 0.03	42.35 2.99 0.00	41.07 2.81 0.27	39.67 2.70 0.03	39.36 2.82 0.03	42.97 3.11 0.00	44.53 3.14 0.00	49.28 3.32 0.85	54.66 3.25 0.18	63.52 3.91 1.46	57.93 3.16 0.79	48.76 2.89 0.03	42.48 2.40 0.00	38.77 1.85 0.00
GLENWOOD_IC_3_G1 23689	35.85 2.06 0.00	33.85 2.07 0.00	32.78 1.91 0.00	31.88 1.86 0.00	32.06 1.81 0.00	35.68 2.15 0.00	52.60 3.58 0.00	59.56 4.67 1.42	54.25 3.65 0.75	47.28 3.31 0.09	46.03 3.13 0.03	42.35 2.99 0.00	41.07 2.81 0.27	39.67 2.70 0.03	39.36 2.82 0.03	42.97 3.11 0.00	44.53 3.14 0.00	49.28 3.32 0.85	54.66 3.25 0.18	63.52 3.91 1.46	57.93 3.16 0.79	48.76 2.89 0.03	42.48 2.40 0.00	38.77 1.85 0.00
GLENWOOD___4 23550	35.92 2.13 0.00	33.92 2.13 0.00	32.87 2.01 0.00	31.88 1.86 0.00	32.06 1.81 0.00	35.71 2.18 0.00	52.65 3.63 0.00	59.68 4.79 1.42	54.36 3.75 0.75	47.32 3.35 0.09	46.12 3.22 0.03	42.43 3.07 0.00	41.15 2.89 0.27	39.74 2.78 0.03	39.43 2.89 0.03	43.04 3.19 0.00	44.62 3.23 0.00	49.33 3.37 0.85	54.66 3.25 0.18	63.52 3.91 1.46	58.04 3.28 0.79	48.81 2.94 0.03	42.68 2.61 0.00	38.85 1.92 0.00
GLENWOOD___5 23614	35.92 2.13 0.00	33.92 2.13 0.00	32.87 2.01 0.00	31.88 1.86 0.00	32.06 1.81 0.00	35.71 2.18 0.00	52.65 3.63 0.00	59.68 4.79 1.42	54.36 3.75 0.75	47.32 3.35 0.09	46.12 3.22 0.03	42.43 3.07 0.00	41.15 2.89 0.27	39.74 2.78 0.03	39.43 2.89 0.03	43.04 3.19 0.00	44.62 3.23 0.00	49.33 3.37 0.85	54.66 3.25 0.18	63.52 3.91 1.46	58.04 3.28 0.79	48.81 2.94 0.03	42.68 2.61 0.00	38.85 1.92 0.00
GLOBAL GREEN_PORT_GT1 23814	36.35 2.57 0.00	34.75 2.96 0.00	33.64 2.78 0.00	32.88 2.85 0.00	33.02 2.78 0.00	36.89 3.35 0.00	54.66 5.64 0.00	62.10 7.21 1.42	55.23 4.62 0.75	47.80 3.83 0.09	46.12 3.22 0.03	42.43 3.07 0.00	40.92 2.66 0.27	39.56 2.59 0.03	39.36 2.82 0.03	43.12 3.27 0.00	44.70 3.31 0.00	49.51 3.56 0.85	54.24 2.84 0.18	63.21 3.60 1.46	56.93 2.16 0.79	48.03 2.16 0.03	41.68 1.60 0.00	38.26 1.33 0.00
GLOBE___DSASP 323697	30.04 -3.75 0.00	28.20 -3.59 0.00	27.44 -3.43 0.00	26.72 -3.30 0.00	26.98 -3.27 0.00	29.98 -3.55 0.00	43.24 -5.78 0.00	45.15 -6.70 4.46	42.91 -6.01 2.44	38.67 -5.11 0.28	37.03 -4.94 0.96	33.89 -4.53 0.94	32.00 -4.47 2.06	32.70 -4.22 0.08	32.25 -4.24 0.08	35.07 -4.78 0.01	36.59 -4.80 0.00	38.48 -5.66 2.67	44.75 -6.29 0.55	49.17 -7.33 4.57	46.81 -6.44 2.30	40.54 -5.28 0.08	35.63 -4.45 0.00	33.72 -3.21 0.00
GOETHSLN___LBMP 323567	35.38 1.59 0.00	33.38 1.59 0.00	32.34 1.48 0.00	31.46 1.44 0.00	31.63 1.39 0.00	35.08 1.54 0.00	52.06 3.04 0.00	58.61 3.72 1.42	53.74 3.13 0.75	46.75 2.78 0.09	45.60 2.70 0.03	41.92 2.56 0.00	40.72 2.47 0.27	39.34 2.37 0.03	38.96 2.41 0.03	42.53 2.67 0.00	44.04 2.65 0.00	48.81 2.86 0.85	54.25 2.84 0.18	60.78 3.24 3.53	57.54 2.78 0.79	48.30 2.43 0.03	42.08 2.00 0.00	38.41 1.48 0.00
GOLAH___69_KV_TB 1_2 80279	31.96 -1.82 0.00	29.94 -1.84 0.00	29.13 -1.73 0.00	28.31 -1.71 0.00	28.61 -1.63 0.00	31.82 -1.71 0.00	46.23 -2.79 0.00	49.00 -2.93 4.39	46.40 -2.57 2.39	41.45 -2.34 0.28	40.15 -2.32 0.46	36.80 -2.16 0.40	34.93 -2.23 1.36	34.88 -2.04 0.08	34.40 -2.08 0.08	37.46 -2.39 0.01	39.11 -2.28 0.00	41.61 -2.57 2.63	48.36 -2.68 0.54	53.65 -2.93 4.49	50.74 -2.50 2.31	43.70 -2.11 0.08	38.16 -1.92 0.00	35.67 -1.26 0.00

GOODYEAR_LAKE_HYD 323669	34.94 1.15 0.00	32.87 1.08 0.00	31.91 1.05 0.00	31.01 0.99 0.00	31.27 1.03 0.00	34.81 1.27 0.00	51.23 2.21 0.00	56.76 2.48 2.03	52.49 2.21 1.08	45.78 1.85 0.13	44.60 1.72 0.05	40.81 1.46 0.00	39.57 1.43 0.39	38.29 1.33 0.04	37.88 1.35 0.04	41.49 1.63 0.00	43.13 1.74 0.00	47.65 2.06 1.22	53.50 2.17 0.26	61.74 2.75 2.08	56.93 2.50 1.13	47.78 1.93 0.04	41.68 1.60 0.00	38.37 1.44 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.25 -0.54 0.00	31.28 -0.51 0.00	30.37 -0.49 0.00	29.54 -0.48 0.00	29.79 -0.45 0.00	33.06 -0.47 0.00	48.49 -0.54 0.00	52.46 -0.84 3.01	49.06 -0.82 1.48	43.18 -0.70 0.17	42.09 -0.69 0.16	38.63 -0.63 0.10	37.21 -0.66 0.66	36.28 -0.67 0.06	35.93 -0.59 0.06	39.25 -0.60 0.01	40.89 -0.50 0.00	44.26 -0.75 1.80	50.39 -0.83 0.37	57.20 -0.79 3.08	53.22 -0.78 1.56	45.20 -0.64 0.06	39.64 -0.44 0.00	36.71 -0.22 0.00
GOUDEY___7 23579	33.25 -0.54 0.00	31.28 -0.51 0.00	30.37 -0.49 0.00	29.54 -0.48 0.00	29.79 -0.45 0.00	33.06 -0.47 0.00	48.49 -0.54 0.00	52.46 -0.84 3.01	49.06 -0.82 1.48	43.18 -0.70 0.17	42.09 -0.69 0.16	38.63 -0.63 0.10	37.21 -0.66 0.66	36.28 -0.67 0.06	35.93 -0.59 0.06	39.25 -0.60 0.01	40.89 -0.50 0.00	44.26 -0.75 1.80	50.39 -0.83 0.37	57.20 -0.79 3.08	53.22 -0.78 1.56	45.20 -0.64 0.06	39.64 -0.44 0.00	36.71 -0.22 0.00
GOUDEY___8 23580	33.25 -0.54 0.00	31.28 -0.51 0.00	30.37 -0.49 0.00	29.54 -0.48 0.00	29.79 -0.45 0.00	33.06 -0.47 0.00	48.49 -0.54 0.00	52.46 -0.84 3.01	49.06 -0.82 1.48	43.18 -0.70 0.17	42.09 -0.69 0.16	38.63 -0.63 0.10	37.21 -0.66 0.66	36.28 -0.67 0.06	35.93 -0.59 0.06	39.25 -0.60 0.01	40.89 -0.50 0.00	44.26 -0.75 1.80	50.39 -0.83 0.37	57.20 -0.79 3.08	53.22 -0.78 1.56	45.20 -0.64 0.06	39.64 -0.44 0.00	36.71 -0.22 0.00
GOWANUS_GT1_1 24077	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.22 1.97 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.95 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.33 2.89 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	91.99 3.66 -36.74	92.04 4.27 -26.70	58.50 3.72 0.78	56.84 3.12 -7.82	56.14 2.69 -13.38	51.25 2.14 -12.18
GOWANUS_GT1_2 24078	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.22 1.97 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.95 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.33 2.89 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	91.99 3.66 -36.74	92.04 4.27 -26.70	58.50 3.72 0.78	56.84 3.12 -7.82	56.14 2.69 -13.38	51.25 2.14 -12.18
GOWANUS_GT1_3 24079	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.22 1.97 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.95 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.33 2.89 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	91.99 3.66 -36.74	92.04 4.27 -26.70	58.50 3.72 0.78	56.84 3.12 -7.82	56.14 2.69 -13.38	51.25 2.14 -12.18
GOWANUS_GT1_4 24080	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.22 1.97 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.95 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.33 2.89 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	91.99 3.66 -36.74	92.04 4.27 -26.70	58.50 3.72 0.78	56.84 3.12 -7.82	56.14 2.69 -13.38	51.25 2.14 -12.18
GOWANUS_GT1_5 24084	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.22 1.97 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.95 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.33 2.89 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	91.99 3.66 -36.74	92.04 4.27 -26.70	58.50 3.72 0.78	56.84 3.12 -7.82	56.14 2.69 -13.38	51.25 2.14 -12.18
GOWANUS_GT1_6 24111	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.22 1.97 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.95 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.33 2.89 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	91.99 3.66 -36.74	92.04 4.27 -26.70	58.50 3.72 0.78	56.84 3.12 -7.82	56.14 2.69 -13.38	51.25 2.14 -12.18
GOWANUS_GT1_7 24112	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.22 1.97 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.95 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.33 2.89 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	91.99 3.66 -36.74	92.04 4.27 -26.70	58.50 3.72 0.78	56.84 3.12 -7.82	56.14 2.69 -13.38	51.25 2.14 -12.18
GOWANUS_GT1_8 24113	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.22 1.97 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.95 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.33 2.89 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	91.99 3.66 -36.74	92.04 4.27 -26.70	58.50 3.72 0.78	56.84 3.12 -7.82	56.14 2.69 -13.38	51.25 2.14 -12.18
GOWANUS_GT2_1 24114	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
GOWANUS_GT2_2 24115	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
GOWANUS_GT2_3 24116	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18

HILLBURN___GT 23639	35.14 1.35 0.00	33.12 1.33 0.00	32.10 1.24 0.00	31.22 1.20 0.00	31.42 1.18 0.00	34.84 1.31 0.00	51.62 2.60 0.00	58.03 3.15 1.43	53.27 2.67 0.76	46.26 2.29 0.09	45.09 2.19 0.03	41.40 2.05 0.00	40.26 2.00 0.27	38.86 1.89 0.03	38.48 1.94 0.03	42.01 2.15 0.00	43.46 2.07 0.00	48.20 2.25 0.86	53.73 2.32 0.18	62.47 2.87 1.47	57.20 2.44 0.79	47.84 1.97 0.03	41.68 1.60 0.00	38.15 1.22 0.00
HILLSIDE_115KV_TB1 80332	32.10 -1.69 0.00	30.20 -1.59 0.00	29.35 -1.51 0.00	28.55 -1.47 0.00	28.82 -1.42 0.00	31.99 -1.54 0.00	46.92 -2.11 0.00	48.52 -2.82 4.98	45.64 -2.67 3.05	41.41 -2.34 0.31	39.69 -2.23 1.00	36.31 -2.09 0.96	34.08 -2.12 2.33	34.87 -2.07 0.06	34.61 -1.90 0.06	37.82 -2.03 0.01	39.48 -1.90 0.00	41.41 -2.43 2.97	48.32 -2.68 0.58	53.04 -2.93 5.10	50.63 -2.67 2.25	43.63 -2.20 0.06	38.44 -1.64 0.00	35.75 -1.18 0.00
HISHELDN_WT_PWR 323625	30.27 -3.51 0.00	28.39 -3.40 0.00	27.68 -3.18 0.00	26.90 -3.12 0.00	27.13 -3.11 0.00	30.21 -3.32 0.00	43.93 -5.10 0.00	45.72 -5.97 4.63	43.31 -5.39 2.66	39.10 -4.67 0.29	34.29 -4.77 3.87	30.91 -4.33 4.12	28.14 -4.31 6.08	32.86 -4.07 0.08	32.58 -3.91 0.08	35.59 -4.26 0.01	37.29 -4.10 0.00	39.32 -4.73 2.77	45.92 -5.11 0.56	50.41 -5.92 4.74	47.89 -5.39 2.28	41.28 -4.54 0.08	36.47 -3.61 0.00	34.05 -2.88 0.00
HOLTSVILLE_IC_1 23690	35.98 2.19 0.00	34.14 2.35 0.00	32.99 2.13 0.00	32.15 2.13 0.00	32.33 2.09 0.00	36.08 2.55 0.00	53.24 4.22 0.00	60.35 5.46 1.42	54.35 3.75 0.75	47.28 3.31 0.09	45.95 3.05 0.03	42.27 2.91 0.00	40.88 2.62 0.27	39.49 2.52 0.03	39.21 2.67 0.03	42.92 3.07 0.00	44.49 3.11 0.00	49.19 3.23 0.85	54.45 3.04 0.18	63.52 3.91 1.46	57.65 2.89 0.79	48.62 2.75 0.03	42.28 2.20 0.00	38.59 1.66 0.00
HOLTSVILLE_IC_10 23699	36.12 2.33 0.00	34.30 2.51 0.00	33.15 2.28 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.49 4.46 0.00	60.69 5.80 1.42	54.56 3.96 0.75	47.45 3.48 0.09	46.12 3.22 0.03	42.43 3.07 0.00	41.03 2.78 0.27	39.60 2.63 0.03	39.36 2.82 0.03	43.08 3.23 0.00	44.70 3.31 0.00	49.42 3.46 0.85	54.71 3.30 0.18	63.82 4.21 1.46	57.93 3.16 0.79	48.85 2.98 0.03	42.44 2.36 0.00	38.70 1.77 0.00
HOLTSVILLE_IC_2 23691	35.98 2.19 0.00	34.14 2.35 0.00	32.99 2.13 0.00	32.15 2.13 0.00	32.33 2.09 0.00	36.08 2.55 0.00	53.24 4.22 0.00	60.35 5.46 1.42	54.35 3.75 0.75	47.28 3.31 0.09	45.95 3.05 0.03	42.27 2.91 0.00	40.88 2.62 0.27	39.49 2.52 0.03	39.21 2.67 0.03	42.92 3.07 0.00	44.49 3.11 0.00	49.19 3.23 0.85	54.45 3.04 0.18	63.52 3.91 1.46	57.65 2.89 0.79	48.62 2.75 0.03	42.28 2.20 0.00	38.59 1.66 0.00
HOLTSVILLE_IC_3 23692	35.98 2.19 0.00	34.14 2.35 0.00	32.99 2.13 0.00	32.15 2.13 0.00	32.33 2.09 0.00	36.08 2.55 0.00	53.24 4.22 0.00	60.35 5.46 1.42	54.35 3.75 0.75	47.28 3.31 0.09	45.95 3.05 0.03	42.27 2.91 0.00	40.88 2.62 0.27	39.49 2.52 0.03	39.21 2.67 0.03	42.92 3.07 0.00	44.49 3.11 0.00	49.19 3.23 0.85	54.45 3.04 0.18	63.52 3.91 1.46	57.65 2.89 0.79	48.62 2.75 0.03	42.28 2.20 0.00	38.59 1.66 0.00
HOLTSVILLE_IC_4 23693	35.98 2.19 0.00	34.14 2.35 0.00	32.99 2.13 0.00	32.15 2.13 0.00	32.33 2.09 0.00	36.08 2.55 0.00	53.24 4.22 0.00	60.35 5.46 1.42	54.35 3.75 0.75	47.28 3.31 0.09	45.95 3.05 0.03	42.27 2.91 0.00	40.88 2.62 0.27	39.49 2.52 0.03	39.21 2.67 0.03	42.92 3.07 0.00	44.49 3.11 0.00	49.19 3.23 0.85	54.45 3.04 0.18	63.52 3.91 1.46	57.65 2.89 0.79	48.62 2.75 0.03	42.28 2.20 0.00	38.59 1.66 0.00
HOLTSVILLE_IC_5 23694	35.98 2.19 0.00	34.14 2.35 0.00	32.99 2.13 0.00	32.15 2.13 0.00	32.33 2.09 0.00	36.08 2.55 0.00	53.24 4.22 0.00	60.35 5.46 1.42	54.35 3.75 0.75	47.28 3.31 0.09	45.95 3.05 0.03	42.27 2.91 0.00	40.88 2.62 0.27	39.49 2.52 0.03	39.21 2.67 0.03	42.92 3.07 0.00	44.49 3.11 0.00	49.19 3.23 0.85	54.45 3.04 0.18	63.52 3.91 1.46	57.65 2.89 0.79	48.62 2.75 0.03	42.28 2.20 0.00	38.59 1.66 0.00
HOLTSVILLE_IC_6 23695	36.12 2.33 0.00	34.30 2.51 0.00	33.15 2.28 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.49 4.46 0.00	60.69 5.80 1.42	54.56 3.96 0.75	47.45 3.48 0.09	46.12 3.22 0.03	42.43 3.07 0.00	41.03 2.78 0.27	39.60 2.63 0.03	39.36 2.82 0.03	43.08 3.23 0.00	44.70 3.31 0.00	49.42 3.46 0.85	54.71 3.30 0.18	63.82 4.21 1.46	57.93 3.16 0.79	48.85 2.98 0.03	42.44 2.36 0.00	38.70 1.77 0.00
HOLTSVILLE_IC_7 23696	36.12 2.33 0.00	34.30 2.51 0.00	33.15 2.28 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.49 4.46 0.00	60.69 5.80 1.42	54.56 3.96 0.75	47.45 3.48 0.09	46.12 3.22 0.03	42.43 3.07 0.00	41.03 2.78 0.27	39.60 2.63 0.03	39.36 2.82 0.03	43.08 3.23 0.00	44.70 3.31 0.00	49.42 3.46 0.85	54.71 3.30 0.18	63.82 4.21 1.46	57.93 3.16 0.79	48.85 2.98 0.03	42.44 2.36 0.00	38.70 1.77 0.00
HOLTSVILLE_IC_8 23697	36.12 2.33 0.00	34.30 2.51 0.00	33.15 2.28 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.49 4.46 0.00	60.69 5.80 1.42	54.56 3.96 0.75	47.45 3.48 0.09	46.12 3.22 0.03	42.43 3.07 0.00	41.03 2.78 0.27	39.60 2.63 0.03	39.36 2.82 0.03	43.08 3.23 0.00	44.70 3.31 0.00	49.42 3.46 0.85	54.71 3.30 0.18	63.82 4.21 1.46	57.93 3.16 0.79	48.85 2.98 0.03	42.44 2.36 0.00	38.70 1.77 0.00
HOLTSVILLE_IC_9 23698	36.12 2.33 0.00	34.30 2.51 0.00	33.15 2.28 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.49 4.46 0.00	60.69 5.80 1.42	54.56 3.96 0.75	47.45 3.48 0.09	46.12 3.22 0.03	42.43 3.07 0.00	41.03 2.78 0.27	39.60 2.63 0.03	39.36 2.82 0.03	43.08 3.23 0.00	44.70 3.31 0.00	49.42 3.46 0.85	54.71 3.30 0.18	63.82 4.21 1.46	57.93 3.16 0.79	48.85 2.98 0.03	42.44 2.36 0.00	38.70 1.77 0.00
HOMER_HL_115KV_TB2 355744	31.02 -2.77 0.00	29.18 -2.61 0.00	28.42 -2.44 0.00	27.65 -2.37 0.00	27.94 -2.30 0.00	31.02 -2.51 0.00	45.59 -3.43 0.00	46.09 -5.69 4.54	43.89 -4.98 2.49	39.64 -4.14 0.28	38.63 -3.69 0.61	35.42 -3.38 0.56	33.34 -3.58 1.61	33.11 -3.81 0.07	33.24 -3.25 0.07	36.46 -3.39 0.01	38.28 -3.10 0.00	39.09 -5.01 2.72	45.31 -5.73 0.55	50.07 -6.35 4.65	47.30 -6.00 2.25	41.42 -4.41 0.07	37.35 -2.73 0.00	35.12 -1.81 0.00
HOWARD_WT_PWR 323690	30.88 -2.91 0.00	28.99 -2.80 0.00	28.21 -2.65 0.00	27.38 -2.64 0.00	27.58 -2.66 0.00	30.85 -2.68 0.00	44.96 -4.07 0.00	45.89 -5.01 5.41	43.66 -4.52 3.18	39.77 -3.97 0.33	39.54 -4.12 -0.73	36.56 -3.74 -0.94	35.00 -3.51 0.02	33.60 -3.33 0.07	33.39 -3.11 0.07	36.74 -3.11 0.01	38.74 -2.65 0.00	40.77 -2.81 3.23	48.11 -2.84 0.64	52.29 -3.24 5.54	50.04 -3.06 2.46	43.08 -2.75 0.07	37.95 -2.13 0.00	35.08 -1.85 0.00

HUNTLEY___67 23561	30.58 -3.21 0.00	28.71 -3.08 0.00	27.96 -2.90 0.00	27.20 -2.82 0.00	27.49 -2.75 0.00	30.51 -3.02 0.00	44.22 -4.80 0.00	46.05 -5.80 4.46	43.73 -5.19 2.44	39.42 -4.36 0.28	37.89 -4.12 0.92	34.72 -3.74 0.90	32.71 -3.81 2.01	33.29 -3.63 0.08	32.91 -3.58 0.08	35.86 -3.99 0.01	37.46 -3.93 0.00	39.23 -4.92 2.67	45.57 -5.47 0.55	50.21 -6.29 4.57	47.66 -5.61 2.29	41.32 -4.50 0.08	36.43 -3.65 0.00	34.42 -2.51 0.00
HUNTLEY___68 23562	30.58 -3.21 0.00	28.71 -3.08 0.00	27.96 -2.90 0.00	27.20 -2.82 0.00	27.49 -2.75 0.00	30.51 -3.02 0.00	44.22 -4.80 0.00	46.05 -5.80 4.46	43.73 -5.19 2.44	39.42 -4.36 0.28	37.89 -4.12 0.92	34.72 -3.74 0.90	32.71 -3.81 2.01	33.29 -3.63 0.08	32.91 -3.58 0.08	35.86 -3.99 0.01	37.46 -3.93 0.00	39.23 -4.92 2.67	45.57 -5.47 0.55	50.21 -6.29 4.57	47.66 -5.61 2.29	41.32 -4.50 0.08	36.43 -3.65 0.00	34.42 -2.51 0.00
HYLAND___LFG 323620	32.54 -1.25 0.00	30.42 -1.37 0.00	29.66 -1.20 0.00	28.76 -1.26 0.00	29.03 -1.21 0.00	32.49 -1.04 0.00	47.36 -1.67 0.00	49.67 -1.91 4.73	46.39 -2.26 2.71	41.17 -2.60 0.29	41.41 -2.92 -1.40	38.03 -2.99 -1.66	36.66 -2.93 -1.06	34.30 -2.63 0.08	34.05 -2.45 0.08	37.34 -2.51 0.01	39.15 -2.24 0.00	42.20 -1.78 2.83	49.73 -1.29 0.57	55.62 -0.61 4.84	52.90 -0.33 2.32	45.41 -0.41 0.08	39.68 -0.40 0.00	36.78 -0.15 0.00
INDECK___CORINTH 23802	34.57 0.78 0.00	32.55 0.76 0.00	31.51 0.65 0.00	30.68 0.66 0.00	30.91 0.66 0.00	34.37 0.84 0.00	50.89 1.86 0.00	56.72 1.80 1.39	52.37 1.75 0.74	45.34 1.37 0.09	44.06 1.16 0.03	40.34 0.98 0.00	39.11 0.85 0.27	37.64 0.67 0.03	37.31 0.77 0.03	40.85 1.00 0.00	42.34 0.95 0.00	47.28 1.31 0.84	52.70 1.29 0.18	61.29 1.65 1.43	56.17 1.39 0.77	47.02 1.15 0.03	40.96 0.88 0.00	37.48 0.55 0.00
INDECK___ILION 23567	33.32 -0.47 0.00	31.34 -0.45 0.00	30.43 -0.43 0.00	29.60 -0.42 0.00	29.79 -0.45 0.00	33.06 -0.47 0.00	48.44 -0.59 0.00	53.89 -0.73 1.70	49.79 -0.67 0.90	43.38 -0.57 0.11	42.33 -0.56 0.04	38.85 -0.51 0.00	37.71 -0.50 0.33	36.45 -0.52 0.04	36.06 -0.48 0.04	39.42 -0.44 0.00	40.97 -0.41 0.00	45.42 -0.37 1.02	51.01 -0.36 0.21	58.97 -0.37 1.74	54.28 -0.33 0.94	45.54 -0.32 0.04	39.68 -0.40 0.00	36.49 -0.44 0.00
INDECK___OLEAN 23982	31.02 -2.77 0.00	29.18 -2.61 0.00	28.46 -2.41 0.00	27.68 -2.34 0.00	27.92 -2.33 0.00	31.02 -2.52 0.00	45.59 -3.43 0.00	46.03 -5.74 4.54	43.89 -4.98 2.49	39.64 -4.14 0.28	38.58 -3.74 0.61	35.42 -3.38 0.56	33.38 -3.54 1.61	33.08 -3.85 0.07	32.92 -3.58 0.07	36.06 -3.79 0.01	38.28 -3.10 0.00	39.13 -4.96 2.72	45.42 -5.62 0.55	50.07 -6.35 4.65	47.30 -6.00 2.25	41.10 -4.73 0.07	37.51 -2.57 0.00	35.12 -1.81 0.00
INDECK___OSWEGO 23783	32.94 -0.84 0.00	31.00 -0.79 0.00	30.09 -0.77 0.00	29.27 -0.75 0.00	29.49 -0.75 0.00	32.73 -0.81 0.00	47.70 -1.32 0.00	54.35 -1.46 0.50	49.76 -1.34 0.27	42.88 -1.15 0.03	41.76 -1.16 0.01	38.30 -1.06 0.00	37.40 -1.04 0.10	35.99 -1.00 0.01	35.58 -0.99 0.01	38.78 -1.07 0.00	40.31 -1.08 0.00	45.29 -1.22 0.30	50.24 -1.29 0.06	59.15 -1.40 0.51	54.00 -1.28 0.28	44.79 -1.10 0.01	39.08 -1.00 0.00	36.12 -0.81 0.00
INDECK___YERKES 23781	30.61 -3.18 0.00	28.74 -3.05 0.00	28.05 -2.81 0.00	27.26 -2.76 0.00	27.49 -2.75 0.00	30.58 -2.95 0.00	44.32 -4.71 0.00	46.23 -5.63 4.46	44.19 -4.72 2.44	39.82 -3.97 0.28	38.26 -3.74 0.94	35.14 -3.31 0.91	33.08 -3.43 2.03	33.63 -3.29 0.08	33.20 -3.29 0.08	36.02 -3.83 0.01	37.62 -3.77 0.00	39.46 -4.68 2.67	45.78 -5.26 0.55	50.52 -5.98 4.56	47.93 -5.33 2.29	41.50 -4.32 0.08	36.83 -3.25 0.00	34.60 -2.33 0.00
INDIAN POINT_GT_1 24139	35.24 1.45 0.00	33.25 1.46 0.00	32.22 1.36 0.00	31.34 1.32 0.00	31.54 1.30 0.00	34.94 1.41 0.00	51.77 2.75 0.00	58.15 3.27 1.43	53.38 2.77 0.76	46.35 2.38 0.09	45.17 2.28 0.03	41.48 2.13 0.00	40.34 2.08 0.27	38.93 1.96 0.03	38.59 2.05 0.03	42.09 2.23 0.00	43.58 2.19 0.00	48.34 2.39 0.86	53.88 2.48 0.18	62.60 2.99 1.46	57.26 2.50 0.79	47.93 2.07 0.03	41.84 1.76 0.00	38.22 1.29 0.00
INDIAN POINT_GT_2 23659	35.24 1.45 0.00	33.25 1.46 0.00	32.22 1.36 0.00	31.34 1.32 0.00	31.54 1.30 0.00	34.94 1.41 0.00	51.77 2.75 0.00	58.15 3.27 1.43	53.38 2.77 0.76	46.35 2.38 0.09	45.17 2.28 0.03	41.48 2.13 0.00	40.34 2.08 0.27	38.93 1.96 0.03	38.59 2.05 0.03	42.09 2.23 0.00	43.58 2.19 0.00	48.34 2.39 0.86	53.88 2.48 0.18	62.60 2.99 1.46	57.26 2.50 0.79	47.93 2.07 0.03	41.84 1.76 0.00	38.22 1.29 0.00
INDIAN POINT_GT_3 24019	35.24 1.45 0.00	33.25 1.46 0.00	32.22 1.36 0.00	31.34 1.32 0.00	31.54 1.30 0.00	34.94 1.41 0.00	51.77 2.75 0.00	58.15 3.27 1.43	53.38 2.77 0.76	46.35 2.38 0.09	45.17 2.28 0.03	41.48 2.13 0.00	40.34 2.08 0.27	38.93 1.96 0.03	38.59 2.05 0.03	42.09 2.23 0.00	43.58 2.19 0.00	48.34 2.39 0.86	53.88 2.48 0.18	62.60 2.99 1.46	57.26 2.50 0.79	47.93 2.07 0.03	41.84 1.76 0.00	38.22 1.29 0.00
INDIAN POINT___2 23530	35.07 1.28 0.00	33.09 1.30 0.00	32.07 1.20 0.00	31.19 1.17 0.00	31.39 1.15 0.00	34.77 1.24 0.00	51.52 2.50 0.00	57.87 2.98 1.43	53.07 2.47 0.76	46.13 2.16 0.09	44.92 2.02 0.03	41.29 1.93 0.00	40.11 1.85 0.27	38.75 1.78 0.03	38.37 1.83 0.03	41.89 2.03 0.00	43.37 1.99 0.00	48.11 2.15 0.86	53.62 2.22 0.18	62.29 2.68 1.46	57.04 2.28 0.79	47.71 1.84 0.03	41.60 1.52 0.00	38.07 1.15 0.00
INDIAN POINT___3 23531	35.24 1.45 0.00	33.25 1.46 0.00	32.25 1.39 0.00	31.34 1.32 0.00	31.54 1.30 0.00	34.97 1.44 0.00	51.77 2.75 0.00	58.21 3.32 1.42	53.38 2.77 0.76	46.35 2.38 0.09	45.17 2.28 0.03	41.52 2.16 0.00	40.34 2.08 0.27	38.97 2.00 0.03	38.59 2.05 0.03	42.13 2.27 0.00	43.58 2.19 0.00	48.34 2.39 0.86	53.88 2.48 0.18	62.54 2.93 1.46	57.26 2.50 0.79	47.93 2.07 0.03	41.84 1.76 0.00	38.22 1.29 0.00
INGHAM_C_115KV_TB7 356103	32.30 -1.49 0.00	30.36 -1.43 0.00	29.47 -1.39 0.00	28.67 -1.35 0.00	28.85 -1.39 0.00	32.02 -1.51 0.00	46.92 -2.11 0.00	52.14 -2.48 1.70	48.20 -2.26 0.90	42.01 -1.94 0.11	41.00 -1.89 0.04	37.66 -1.69 0.00	36.55 -1.66 0.33	35.37 -1.59 0.04	34.96 -1.57 0.04	38.30 -1.55 0.00	39.86 -1.53 0.00	44.16 -1.64 1.02	49.72 -1.65 0.21	57.56 -1.77 1.74	53.00 -1.61 0.94	44.39 -1.47 0.04	38.68 -1.40 0.00	35.49 -1.44 0.00
IP CORINTH___1 23988	34.73 0.95 0.00	32.71 0.92 0.00	31.67 0.80 0.00	30.83 0.81 0.00	31.06 0.82 0.00	34.54 1.01 0.00	51.13 2.11 0.00	57.06 2.14 1.39	52.68 2.05 0.74	45.56 1.59 0.09	44.27 1.37 0.03	40.54 1.18 0.00	39.30 1.04 0.27	37.82 0.85 0.03	37.49 0.95 0.03	41.05 1.20 0.00	42.55 1.16 0.00	47.52 1.54 0.84	52.96 1.55 0.18	61.72 2.08 1.43	56.45 1.67 0.77	47.25 1.38 0.03	41.16 1.08 0.00	37.67 0.74 0.00

IP___TICONDEROGA 23804	35.41 1.62 0.00	33.31 1.53 0.00	32.22 1.36 0.00	31.34 1.32 0.00	31.60 1.36 0.00	35.24 1.71 0.00	52.41 3.38 0.00	58.35 3.44 1.39	53.91 3.29 0.74	46.48 2.51 0.09	45.05 2.15 0.03	41.21 1.85 0.00	39.92 1.66 0.27	38.30 1.33 0.03	38.01 1.46 0.03	41.73 1.87 0.00	43.25 1.86 0.00	48.50 2.53 0.84	54.25 2.84 0.18	63.55 3.91 1.43	58.11 3.33 0.77	48.44 2.57 0.03	42.16 2.08 0.00	38.44 1.51 0.00
ISLIP_RES_REC 323679	36.25 2.47 0.00	34.40 2.61 0.00	33.24 2.38 0.00	32.39 2.37 0.00	32.54 2.30 0.00	36.35 2.82 0.00	53.68 4.66 0.00	60.98 6.08 1.42	54.82 4.21 0.75	47.67 3.70 0.09	46.29 3.39 0.03	42.62 3.26 0.00	41.19 2.93 0.27	39.78 2.81 0.03	39.54 3.00 0.03	43.24 3.39 0.00	44.90 3.52 0.00	49.66 3.70 0.85	54.97 3.56 0.18	64.13 4.52 1.46	58.15 3.39 0.79	49.03 3.16 0.03	42.61 2.53 0.00	38.85 1.92 0.00
JAMAICA__27_KV_LOAD 355505	35.82 2.03 0.00	33.73 1.94 0.00	32.71 1.85 0.00	31.82 1.80 0.00	32.00 1.75 0.00	35.44 1.91 0.00	52.65 3.63 0.00	59.40 4.51 1.42	54.46 3.85 0.75	47.36 3.39 0.09	46.16 3.26 0.03	42.51 3.15 0.00	41.30 3.04 0.27	39.89 2.92 0.03	39.50 2.96 0.03	43.12 3.27 0.00	44.66 3.27 0.00	49.52 3.56 0.85	55.07 3.66 0.18	63.95 4.34 1.46	58.49 3.72 0.79	48.99 3.12 0.03	42.68 2.61 0.00	38.89 1.96 0.00
JANIS___SOLAR 323808	34.33 0.54 0.00	32.20 0.41 0.00	31.29 0.43 0.00	30.44 0.42 0.00	30.67 0.42 0.00	34.17 0.64 0.00	50.10 1.08 0.00	57.15 1.24 0.40	52.10 0.77 0.03	44.49 0.49 0.05	44.31 0.26 -1.12	40.71 0.12 -1.23	40.12 0.04 -1.55	36.98 0.04 0.06	36.59 0.07 0.06	40.17 0.32 0.01	42.17 0.78 0.00	47.67 1.12 0.26	53.10 1.60 0.09	63.10 2.45 0.41	57.16 2.33 0.73	47.54 1.70 0.06	41.52 1.44 0.00	38.30 1.37 0.00
JARVIS____ 23743	33.99 0.20 0.00	31.98 0.19 0.00	31.05 0.19 0.00	30.20 0.18 0.00	30.43 0.18 0.00	33.74 0.20 0.00	49.37 0.35 0.00	54.96 0.34 1.70	50.82 0.36 0.90	44.22 0.27 0.11	43.15 0.26 0.04	39.56 0.20 0.00	38.40 0.19 0.33	37.15 0.19 0.04	36.72 0.18 0.04	40.09 0.24 0.00	41.64 0.25 0.00	46.12 0.33 1.02	51.74 0.36 0.21	59.76 0.43 1.74	54.95 0.34 0.94	46.14 0.28 0.04	40.28 0.20 0.00	37.08 0.15 0.00
JENNISON___1 23625	34.33 0.54 0.00	32.23 0.45 0.00	31.36 0.49 0.00	30.47 0.45 0.00	30.73 0.48 0.00	34.17 0.64 0.00	50.15 1.13 0.00	55.75 1.41 1.97	51.56 1.13 0.93	44.90 0.97 0.13	44.05 0.90 -0.22	40.31 0.67 -0.28	39.17 0.62 -0.02	37.50 0.56 0.05	37.14 0.62 0.05	40.73 0.88 0.01	42.59 1.20 0.00	47.03 1.40 1.19	53.03 1.70 0.26	61.49 2.44 2.02	56.64 2.28 1.20	47.55 1.70 0.05	41.52 1.44 0.00	38.29 1.37 0.00
JENNISON___2 23626	34.33 0.54 0.00	32.23 0.45 0.00	31.36 0.49 0.00	30.47 0.45 0.00	30.73 0.48 0.00	34.17 0.64 0.00	50.15 1.13 0.00	55.75 1.41 1.97	51.56 1.13 0.93	44.90 0.97 0.13	44.05 0.90 -0.22	40.31 0.67 -0.28	39.17 0.62 -0.02	37.50 0.56 0.05	37.14 0.62 0.05	40.73 0.88 0.01	42.59 1.20 0.00	47.03 1.40 1.19	53.03 1.70 0.26	61.49 2.44 2.02	56.64 2.28 1.20	47.55 1.70 0.05	41.52 1.44 0.00	38.29 1.37 0.00
JERICHO_RISE_WT_PWR 323719	-8.39 -1.28 40.89	-8.42 -1.27 38.94	-8.36 -1.24 37.99	-8.37 -1.17 37.22	-8.34 -1.18 37.41	-8.41 -1.31 40.64	-9.07 -2.21 55.89	-9.87 -2.20 63.99	-9.92 -2.11 59.17	-9.43 -1.72 51.77	-8.93 -1.54 50.31	37.94 -1.42 0.00	37.29 -1.15 0.09	36.03 -0.96 0.01	35.43 -1.13 0.01	38.74 -1.12 0.00	40.52 -0.87 0.00	45.55 -0.99 0.27	50.40 -1.14 0.06	59.50 -1.10 0.47	54.58 -0.72 0.25	45.39 -0.50 0.01	39.56 -0.52 0.00	36.49 -0.44 0.00
KATONAH___115KV_46KV_TB4 355592	35.71 1.93 0.00	33.66 1.88 0.00	32.59 1.73 0.00	31.70 1.68 0.00	31.91 1.66 0.00	35.38 1.84 0.00	52.46 3.43 0.00	58.89 4.00 1.42	54.15 3.54 0.75	47.01 3.04 0.09	45.82 2.92 0.03	42.03 2.68 0.00	40.88 2.62 0.27	39.45 2.48 0.03	39.10 2.56 0.03	42.64 2.79 0.00	44.20 2.81 0.00	49.05 3.09 0.85	54.66 3.25 0.18	63.46 3.85 1.46	58.04 3.28 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
KCE_NY_1 323755	35.27 1.48 0.00	33.22 1.43 0.00	32.19 1.33 0.00	31.34 1.32 0.00	31.57 1.33 0.00	35.04 1.51 0.00	51.77 2.74 0.00	57.74 2.81 1.39	53.29 2.67 0.74	46.13 2.16 0.09	44.83 1.93 0.03	41.09 1.73 0.00	39.85 1.58 0.27	38.38 1.41 0.03	38.04 1.50 0.03	41.61 1.75 0.00	43.09 1.70 0.00	48.09 2.11 0.84	53.68 2.27 1.43	62.39 2.75 1.43	57.17 2.39 0.77	47.80 1.93 0.03	41.68 1.60 0.00	38.22 1.29 0.00
KCE_NY_6_ESR 323823	30.81 -2.97 0.00	28.93 -2.86 0.00	28.24 -2.62 0.00	27.44 -2.58 0.00	27.67 -2.57 0.00	30.78 -2.75 0.00	44.76 -4.27 0.00	46.39 -5.46 4.46	44.15 -4.78 2.44	39.82 -3.97 0.28	38.36 -3.69 0.88	35.20 -3.31 0.85	33.16 -3.43 1.94	33.52 -3.40 0.08	33.17 -3.33 0.08	36.18 -3.67 0.01	37.95 -3.43 0.00	39.51 -4.64 2.67	45.83 -5.21 0.54	50.52 -5.98 4.57	47.89 -5.39 2.28	41.50 -4.32 0.08	37.16 -2.92 0.00	34.86 -2.07 0.00
KEDC_PORT_JEFF_GT2 24210	36.15 2.36 0.00	34.30 2.51 0.00	33.15 2.28 0.00	32.30 2.28 0.00	32.45 2.21 0.00	36.25 2.71 0.00	53.53 4.51 0.00	60.75 5.86 1.42	54.62 4.01 0.75	47.54 3.57 0.09	46.16 3.26 0.03	42.51 3.15 0.00	41.07 2.81 0.27	39.67 2.70 0.03	39.43 2.89 0.03	43.12 3.27 0.00	44.78 3.39 0.00	49.47 3.51 0.85	54.76 3.35 0.18	63.89 4.27 1.46	57.99 3.22 0.79	48.90 3.03 0.03	42.52 2.45 0.00	38.77 1.85 0.00
KEDC_PORT_JEFF_GT3 24211	36.15 2.36 0.00	34.30 2.51 0.00	33.15 2.28 0.00	32.30 2.28 0.00	32.45 2.21 0.00	36.25 2.71 0.00	53.53 4.51 0.00	60.75 5.86 1.42	54.62 4.01 0.75	47.54 3.57 0.09	46.16 3.26 0.03	42.51 3.15 0.00	41.07 2.81 0.27	39.67 2.70 0.03	39.43 2.89 0.03	43.12 3.27 0.00	44.78 3.39 0.00	49.47 3.51 0.85	54.76 3.35 0.18	63.89 4.27 1.46	57.99 3.22 0.79	48.90 3.03 0.03	42.52 2.45 0.00	38.77 1.85 0.00
KEDC_GLWD_GT4 24219	35.92 2.13 0.00	33.92 2.13 0.00	32.81 1.95 0.00	31.94 1.92 0.00	32.09 1.85 0.00	35.75 2.21 0.00	52.70 3.68 0.00	59.68 4.78 1.42	54.35 3.75 0.75	47.41 3.44 0.09	46.16 3.26 0.03	42.47 3.11 0.00	41.19 2.93 0.27	39.78 2.81 0.03	39.47 2.93 0.03	43.08 3.23 0.00	44.66 3.27 0.00	49.37 3.42 0.85	54.76 3.35 0.18	63.64 4.03 1.46	58.10 3.33 0.79	48.85 2.98 0.03	42.57 2.49 0.00	38.85 1.92 0.00
KEDC_GLWD_GT5 24220	35.92 2.13 0.00	33.92 2.13 0.00	32.81 1.95 0.00	31.94 1.92 0.00	32.09 1.85 0.00	35.75 2.21 0.00	52.70 3.68 0.00	59.68 4.78 1.42	54.35 3.75 0.75	47.41 3.44 0.09	46.16 3.26 0.03	42.47 3.11 0.00	41.19 2.93 0.27	39.78 2.81 0.03	39.47 2.93 0.03	43.08 3.23 0.00	44.66 3.27 0.00	49.37 3.42 0.85	54.76 3.35 0.18	63.64 4.03 1.46	58.10 3.33 0.79	48.85 2.98 0.03	42.57 2.49 0.00	38.85 1.92 0.00

KENSICO____ 23655	35.48 1.69 0.00	33.44 1.65 0.00	32.44 1.57 0.00	31.52 1.50 0.00	31.73 1.48 0.00	35.18 1.64 0.00	52.06 3.04 0.00	58.61 3.72 1.42	53.74 3.13 0.75	46.70 2.73 0.09	45.52 2.62 0.03	41.84 2.48 0.00	40.65 2.39 0.27	39.23 2.26 0.03	38.88 2.34 0.03	42.41 2.55 0.00	43.91 2.52 0.00	48.72 2.76 0.85	54.19 2.79 0.18	62.97 3.36 1.46	57.60 2.83 0.79	48.26 2.39 0.03	42.08 2.00 0.00	38.44 1.51 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.24 1.45 0.00	33.19 1.40 0.00	32.16 1.30 0.00	31.25 1.23 0.00	31.48 1.24 0.00	34.94 1.41 0.00	51.77 2.75 0.00	58.04 3.15 1.43	53.33 2.72 0.76	46.26 2.29 0.09	45.00 2.10 0.03	41.33 1.97 0.00	40.11 1.85 0.27	38.75 1.78 0.03	38.41 1.87 0.03	41.93 2.07 0.00	43.50 2.11 0.00	48.34 2.39 0.86	53.94 2.53 0.18	62.78 3.18 1.46	57.54 2.78 0.79	48.07 2.20 0.03	41.92 1.84 0.00	38.37 1.44 0.00
KIAC_JFK_GT1 23816	35.65 1.86 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.85 1.60 0.00	35.28 1.74 0.00	52.36 3.33 0.00	59.06 4.17 1.42	54.15 3.54 0.75	47.14 3.17 0.09	45.95 3.05 0.03	42.27 2.91 0.00	41.11 2.85 0.27	39.67 2.70 0.03	39.32 2.78 0.03	42.92 3.07 0.00	44.41 3.02 0.00	49.24 3.28 0.85	54.76 3.35 0.18	63.58 3.97 1.46	58.15 3.39 0.79	48.67 2.80 0.03	42.44 2.36 0.00	38.66 1.74 0.00
KIAC_JFK_GT2 23817	35.65 1.86 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.85 1.60 0.00	35.28 1.74 0.00	52.36 3.33 0.00	59.06 4.17 1.42	54.15 3.54 0.75	47.14 3.17 0.09	45.95 3.05 0.03	42.27 2.91 0.00	41.11 2.85 0.27	39.67 2.70 0.03	39.32 2.78 0.03	42.92 3.07 0.00	44.41 3.02 0.00	49.24 3.28 0.85	54.76 3.35 0.18	63.58 3.97 1.46	58.15 3.39 0.79	48.67 2.80 0.03	42.44 2.36 0.00	38.66 1.74 0.00
KIAC_JFK____ 323774	35.65 1.86 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.28 1.74 0.00	52.36 3.34 0.00	59.06 4.17 1.42	54.15 3.54 0.75	47.14 3.17 0.09	45.95 3.05 0.03	42.27 2.91 0.00	41.11 2.85 0.27	39.71 2.74 0.03	39.32 2.78 0.03	42.92 3.07 0.00	44.41 3.02 0.00	49.23 3.28 0.85	54.76 3.35 0.18	63.58 3.97 1.46	58.15 3.39 0.79	48.72 2.85 0.03	42.40 2.32 0.00	38.66 1.74 0.00
KINTIGH____ 23543	30.88 -2.91 0.00	28.99 -2.80 0.00	28.21 -2.65 0.00	27.44 -2.58 0.00	27.73 -2.51 0.00	30.78 -2.75 0.00	44.56 -4.46 0.00	47.01 -4.84 4.46	44.51 -4.42 2.43	39.95 -3.83 0.28	38.44 -3.73 0.75	35.26 -3.38 0.71	33.41 -3.35 1.77	33.81 -3.11 0.08	33.31 -3.18 0.08	36.26 -3.59 0.01	37.75 -3.64 0.00	40.02 -4.12 2.67	46.60 -4.44 0.55	51.37 -5.13 4.57	48.73 -4.50 2.33	42.05 -3.76 0.08	36.67 -3.41 0.00	34.53 -2.40 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-6.51 -1.28 39.01	-6.60 -1.24 37.15	-6.62 -1.23 36.25	-6.63 -1.14 35.51	-6.60 -1.15 35.69	-6.48 -1.24 38.77	-6.35 -2.06 53.32	-6.37 -1.63 61.05	-6.69 -1.59 56.46	-6.61 -1.28 49.39	-6.36 -1.29 48.00	38.10 -1.26 0.00	37.48 -0.96 0.08	36.21 -0.78 0.01	35.58 -0.99 0.01	38.94 -0.92 0.00	40.81 -0.58 0.00	45.94 -0.61 0.26	50.97 -0.57 0.05	60.38 -0.24 0.45	55.31 0.00 0.24	45.98 0.09 0.01	40.00 -0.08 0.00	36.85 -0.07 0.00
LACHUTE__HYDRO 323717	35.41 1.62 0.00	33.31 1.53 0.00	32.19 1.33 0.00	31.34 1.32 0.00	31.61 1.36 0.00	35.24 1.71 0.00	52.36 3.34 0.00	58.36 3.44 1.39	53.86 3.24 0.74	46.48 2.51 0.09	45.04 2.15 0.03	41.21 1.85 0.00	39.92 1.66 0.27	38.30 1.33 0.03	38.01 1.46 0.03	41.73 1.87 0.00	43.25 1.86 0.00	48.50 2.53 0.84	54.25 2.84 0.18	63.43 3.79 1.43	58.11 3.33 0.77	48.44 2.57 0.03	42.16 2.08 0.00	38.44 1.51 0.00
LAWRNCV_115KV_TB1 80681	37.92 -0.84 -4.98	35.67 -0.86 -4.74	34.34 -0.83 -4.31	33.80 -0.75 -4.53	34.04 -0.76 -4.56	37.64 -0.84 -4.95	53.85 -1.52 -6.34	62.02 -1.35 -7.05	56.74 -1.44 -6.81	49.22 -1.10 -6.26	48.10 -0.94 -6.11	38.45 -0.91 0.00	37.55 -0.85 0.13	36.21 -0.78 0.01	35.68 -0.88 0.01	38.86 -1.00 0.00	40.52 -0.87 0.00	45.47 -0.94 0.41	50.52 -0.98 0.09	59.45 -0.92 0.70	54.40 -0.78 0.38	45.24 -0.64 0.01	39.56 -0.52 0.00	36.45 -0.48 0.00
LEDERLE____ 23769	35.24 1.45 0.00	33.25 1.46 0.00	32.22 1.36 0.00	31.31 1.29 0.00	31.51 1.27 0.00	35.01 1.48 0.00	51.92 2.89 0.00	58.38 3.49 1.43	53.58 2.98 0.76	46.52 2.56 0.09	45.30 2.40 0.03	41.64 2.28 0.00	40.45 2.20 0.27	39.08 2.11 0.03	38.74 2.19 0.03	42.25 2.39 0.00	43.62 2.23 0.00	48.39 2.43 0.86	53.94 2.53 0.18	62.66 3.05 1.46	57.37 2.61 0.79	48.03 2.16 0.03	41.88 1.80 0.00	38.26 1.33 0.00
LIGHTHSE_115KV_TB6 355974	34.01 -0.54 -0.76	31.91 -0.60 -0.72	30.31 -0.56 0.00	30.17 -0.54 -0.69	30.42 -0.51 -0.69	33.78 -0.50 -0.75	48.19 -0.83 0.00	54.58 -0.90 0.83	50.46 -0.92 -0.03	44.10 -0.79 -0.83	43.00 -0.82 -0.89	38.49 -0.87 0.00	37.26 -0.89 0.39	36.11 -0.85 0.04	35.65 -0.88 0.04	38.98 -0.88 0.00	40.60 -0.79 0.00	44.86 -0.75 1.21	50.72 -0.62 0.25	58.58 -0.43 2.06	54.16 -0.28 1.11	45.44 -0.41 0.04	39.60 -0.48 0.00	36.56 -0.37 0.00
LINDEN COGEN____ 23786	35.38 1.59 0.00	33.35 1.56 0.00	32.31 1.45 0.00	31.43 1.41 0.00	31.64 1.39 0.00	35.04 1.51 0.00	52.07 3.04 0.00	58.55 3.66 1.42	53.69 3.08 0.75	46.75 2.78 0.09	45.56 2.66 0.03	41.88 2.52 0.00	40.73 2.47 0.27	39.30 2.33 0.03	38.95 2.41 0.03	42.53 2.67 0.00	44.00 2.61 0.00	48.77 2.81 0.85	54.19 2.78 0.18	58.82 3.30 5.54	55.49 2.78 2.84	48.25 2.39 0.03	42.04 1.96 0.00	38.37 1.44 0.00
LINDHRST_69_KV_BK1 356055	36.15 2.37 0.00	34.20 2.42 0.00	33.12 2.25 0.00	32.12 2.10 0.00	32.30 2.06 0.00	36.08 2.55 0.00	53.14 4.12 0.00	60.30 5.41 1.42	54.66 4.06 0.75	47.54 3.57 0.09	46.25 3.35 0.03	42.58 3.23 0.00	41.23 2.97 0.27	39.82 2.85 0.03	39.54 3.00 0.03	43.20 3.35 0.00	44.78 3.39 0.00	49.56 3.60 0.85	54.87 3.46 0.18	63.83 4.21 1.46	58.32 3.56 0.79	49.04 3.17 0.03	42.88 2.81 0.00	39.03 2.10 0.00
LIPA_MISC_IPP 23656	35.95 2.16 0.00	34.24 2.45 0.00	33.18 2.31 0.00	32.21 2.19 0.00	32.36 2.12 0.00	36.15 2.62 0.00	53.44 4.41 0.00	60.75 5.86 1.42	54.25 3.65 0.75	46.97 3.00 0.09	45.56 2.66 0.03	41.95 2.60 0.00	40.49 2.23 0.27	39.12 2.15 0.03	38.88 2.34 0.03	42.60 2.75 0.00	44.20 2.81 0.00	48.91 2.95 0.85	54.04 2.63 0.18	63.09 3.48 1.46	57.60 2.83 0.79	48.26 2.39 0.03	42.12 2.04 0.00	38.29 1.37 0.00
LISF__SOLAR 323691	36.02 2.23 0.00	34.30 2.51 0.00	33.11 2.25 0.00	32.30 2.28 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.63 4.61 0.00	60.86 5.97 1.42	54.25 3.65 0.75	47.10 3.13 0.09	45.69 2.79 0.03	42.07 2.71 0.00	40.57 2.31 0.27	39.23 2.26 0.03	38.95 2.41 0.03	42.68 2.83 0.00	44.33 2.94 0.00	49.00 3.04 0.85	54.24 2.84 0.18	63.40 3.79 1.46	57.38 2.61 0.79	48.39 2.52 0.03	42.04 1.96 0.00	38.37 1.44 0.00

LITTLE FALLS___HYD 24013	32.30 -1.49 0.00	30.36 -1.43 0.00	29.47 -1.39 0.00	28.67 -1.35 0.00	28.85 -1.39 0.00	32.02 -1.51 0.00	46.92 -2.11 0.00	52.14 -2.48 1.70	48.20 -2.26 0.90	42.01 -1.94 0.11	41.00 -1.89 0.04	37.66 -1.69 0.00	36.55 -1.66 0.33	35.37 -1.59 0.04	34.96 -1.57 0.04	38.30 -1.55 0.00	39.86 -1.53 0.00	44.16 -1.64 1.02	49.72 -1.65 0.21	57.56 -1.77 1.74	53.00 -1.61 0.94	44.39 -1.47 0.04	38.68 -1.40 0.00	35.49 -1.44 0.00
LITTLRIV_115KV_TB1 356100	38.80 -0.47 -5.48	36.47 -0.54 -5.22	35.16 -0.49 -4.79	34.56 -0.45 -4.99	34.84 -0.42 -5.02	38.55 -0.44 -5.45	55.08 -0.98 -7.04	63.39 -0.73 -7.81	58.01 -0.87 -7.52	50.29 -0.66 -6.89	49.15 -0.52 -6.73	38.77 -0.59 0.00	37.86 -0.54 0.14	36.50 -0.48 0.02	35.97 -0.59 0.02	39.18 -0.68 0.00	40.89 -0.50 0.00	45.92 -0.47 0.43	51.09 -0.41 0.09	60.22 -0.12 0.73	55.16 0.00 0.39	45.88 0.00 0.02	40.04 -0.04 0.00	36.89 -0.04 0.00
LI_NEWBRDGE___DRP 323616	35.68 1.89 0.00	33.70 1.91 0.00	32.65 1.79 0.00	31.70 1.68 0.00	31.88 1.63 0.00	35.51 1.98 0.00	52.31 3.28 0.00	59.23 4.34 1.42	53.89 3.29 0.75	46.92 2.95 0.09	45.69 2.79 0.03	42.03 2.68 0.00	40.76 2.50 0.27	39.37 2.41 0.03	39.07 2.52 0.03	42.64 2.79 0.00	44.20 2.81 0.00	48.91 2.95 0.85	54.14 2.73 0.18	62.91 3.30 1.46	57.54 2.78 0.79	48.39 2.52 0.03	42.32 2.24 0.00	38.55 1.62 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.38 -3.41 0.00	28.48 -3.31 0.00	27.75 -3.12 0.00	26.99 -3.03 0.00	27.28 -2.96 0.00	30.31 -3.22 0.00	43.88 -5.15 0.00	45.84 -6.03 4.45	43.58 -5.34 2.44	39.24 -4.54 0.28	37.57 -4.38 0.98	34.38 -4.01 0.97	32.40 -4.05 2.09	33.15 -3.77 0.08	32.72 -3.77 0.08	35.62 -4.22 0.01	37.17 -4.22 0.00	39.09 -5.06 2.67	45.52 -5.52 0.55	50.10 -6.41 4.56	47.59 -5.67 2.30	41.23 -4.59 0.08	36.19 -3.89 0.00	34.20 -2.73 0.00
LOCKPORT___CC1 323769	30.38 -3.41 0.00	28.48 -3.31 0.00	27.81 -3.06 0.00	27.02 -3.00 0.00	27.25 -2.99 0.00	30.31 -3.22 0.00	43.88 -5.15 0.00	45.88 -5.97 4.46	43.57 -5.34 2.45	39.20 -4.58 0.28	37.41 -4.42 1.10	34.25 -4.01 1.09	32.24 -4.05 2.25	33.11 -3.81 0.08	32.69 -3.80 0.08	35.62 -4.23 0.01	37.17 -4.22 0.00	39.08 -5.06 2.67	45.47 -5.57 0.55	50.09 -6.41 4.57	47.59 -5.67 2.30	41.14 -4.68 0.08	36.43 -3.65 0.00	34.20 -2.73 0.00
LOCKPORT___CC2 323770	30.38 -3.41 0.00	28.48 -3.31 0.00	27.81 -3.06 0.00	27.02 -3.00 0.00	27.25 -2.99 0.00	30.31 -3.22 0.00	43.88 -5.15 0.00	45.88 -5.97 4.46	43.57 -5.34 2.45	39.20 -4.58 0.28	37.41 -4.42 1.10	34.25 -4.01 1.09	32.24 -4.05 2.25	33.11 -3.81 0.08	32.69 -3.80 0.08	35.62 -4.23 0.01	37.17 -4.22 0.00	39.08 -5.06 2.67	45.47 -5.57 0.55	50.09 -6.41 4.57	47.59 -5.67 2.30	41.14 -4.68 0.08	36.43 -3.65 0.00	34.20 -2.73 0.00
LOCKPORT___CC3 323771	30.38 -3.41 0.00	28.48 -3.31 0.00	27.81 -3.06 0.00	27.02 -3.00 0.00	27.25 -2.99 0.00	30.31 -3.22 0.00	43.88 -5.15 0.00	45.88 -5.97 4.46	43.57 -5.34 2.45	39.20 -4.58 0.28	37.41 -4.42 1.10	34.25 -4.01 1.09	32.24 -4.05 2.25	33.11 -3.81 0.08	32.69 -3.80 0.08	35.62 -4.23 0.01	37.17 -4.22 0.00	39.08 -5.06 2.67	45.47 -5.57 0.55	50.09 -6.41 4.57	47.59 -5.67 2.30	41.14 -4.68 0.08	36.43 -3.65 0.00	34.20 -2.73 0.00
LONG_LAKE_PHOENIX 24014	33.01 -0.78 0.00	31.03 -0.76 0.00	30.12 -0.74 0.00	29.30 -0.72 0.00	29.52 -0.73 0.00	32.76 -0.77 0.00	47.75 -1.27 0.00	53.59 -1.41 1.31	49.43 -1.23 0.70	42.92 -1.06 0.08	41.83 -1.07 0.03	38.37 -0.98 0.00	37.32 -0.96 0.25	36.08 -0.89 0.03	35.63 -0.91 0.03	38.90 -0.96 0.00	40.39 -0.99 0.00	44.90 -1.12 0.79	50.24 -1.19 0.17	58.44 -1.28 1.35	53.66 -1.17 0.73	44.82 -1.06 0.03	39.12 -0.96 0.00	36.19 -0.74 0.00
LOVETT___3 23632	35.17 1.39 0.00	33.19 1.40 0.00	32.16 1.30 0.00	31.28 1.26 0.00	31.48 1.24 0.00	34.87 1.34 0.00	51.62 2.60 0.00	58.10 3.21 1.43	53.22 2.62 0.76	46.26 2.29 0.09	45.09 2.19 0.03	41.44 2.09 0.00	40.26 2.00 0.27	38.86 1.89 0.03	38.52 1.97 0.03	42.01 2.15 0.00	43.50 2.11 0.00	48.25 2.29 0.86	53.78 2.37 0.18	62.42 2.81 1.46	57.15 2.39 0.79	47.84 1.97 0.03	41.76 1.68 0.00	38.15 1.22 0.00
LOVETT___4 23642	35.17 1.39 0.00	33.19 1.40 0.00	32.16 1.30 0.00	31.28 1.26 0.00	31.48 1.24 0.00	34.87 1.34 0.00	51.62 2.60 0.00	58.10 3.21 1.43	53.22 2.62 0.76	46.26 2.29 0.09	45.09 2.19 0.03	41.44 2.09 0.00	40.26 2.00 0.27	38.86 1.89 0.03	38.52 1.97 0.03	42.01 2.15 0.00	43.50 2.11 0.00	48.25 2.29 0.86	53.78 2.37 0.18	62.42 2.81 1.46	57.15 2.39 0.79	47.84 1.97 0.03	41.76 1.68 0.00	38.15 1.22 0.00
LOVETT___5 23593	35.17 1.39 0.00	33.19 1.40 0.00	32.16 1.30 0.00	31.28 1.26 0.00	31.48 1.24 0.00	34.87 1.34 0.00	51.62 2.60 0.00	58.10 3.21 1.43	53.22 2.62 0.76	46.26 2.29 0.09	45.09 2.19 0.03	41.44 2.09 0.00	40.26 2.00 0.27	38.86 1.89 0.03	38.52 1.97 0.03	42.01 2.15 0.00	43.50 2.11 0.00	48.25 2.29 0.86	53.78 2.37 0.18	62.42 2.81 1.46	57.15 2.39 0.79	47.84 1.97 0.03	41.76 1.68 0.00	38.15 1.22 0.00
LOWER RAQUET___HYD 24057	38.75 -0.98 -5.94	36.46 -0.99 -5.66	35.13 -0.96 -5.22	34.53 -0.90 -5.41	34.80 -0.88 -5.44	38.47 -0.97 -5.91	54.99 -1.72 -7.68	63.23 -1.58 -8.49	57.89 -1.65 -8.17	50.26 -1.28 -7.47	49.07 -1.16 -7.30	38.26 -1.10 0.00	37.39 -1.00 0.14	36.02 -0.96 0.02	35.49 -1.06 0.02	38.70 -1.16 0.00	40.35 -1.03 0.00	45.25 -1.12 0.44	50.36 -1.14 0.09	59.22 -1.10 0.76	54.25 -0.89 0.41	45.10 -0.78 0.02	39.40 -0.68 0.00	36.30 -0.63 0.00
LOWER___HUDSON 24059	35.14 1.35 0.00	33.12 1.33 0.00	32.13 1.27 0.00	31.25 1.23 0.00	31.48 1.24 0.00	34.94 1.41 0.00	51.33 2.30 0.00	57.24 2.31 1.38	52.88 2.26 0.73	45.78 1.81 0.09	44.57 1.67 0.03	40.85 1.50 0.00	39.69 1.43 0.27	38.26 1.29 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.75 1.36 0.00	47.62 1.64 0.83	53.22 1.80 0.17	61.73 2.08 1.42	56.56 1.78 0.77	47.34 1.47 0.03	41.32 1.24 0.00	37.93 1.00 0.00
LOWVILLE_115KV_TB2 356335	35.41 -0.14 -1.75	33.27 -0.19 -1.67	32.25 -0.15 -1.54	31.47 -0.15 -1.60	31.70 -0.15 -1.61	35.21 -0.07 -1.74	51.19 -0.10 -2.27	57.44 0.06 -1.07	52.81 -0.21 -1.65	46.00 -0.18 -2.11	44.84 -0.21 -2.12	38.96 -0.39 0.00	37.79 -0.42 0.32	36.52 -0.44 0.04	36.06 -0.48 0.04	39.46 -0.40 0.00	41.18 -0.21 0.00	45.82 0.00 0.99	51.59 0.21 0.21	60.11 0.73 1.69	55.41 0.78 0.92	46.32 0.46 0.04	40.32 0.24 0.00	37.11 0.18 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.27 1.49 0.00	33.22 1.43 0.00	32.19 1.33 0.00	31.31 1.29 0.00	31.54 1.30 0.00	35.04 1.51 0.00	51.72 2.70 0.00	57.74 2.82 1.39	53.29 2.67 0.74	46.13 2.16 0.09	44.83 1.93 0.03	41.05 1.69 0.00	39.84 1.58 0.27	38.34 1.37 0.03	38.01 1.46 0.03	41.61 1.75 0.00	43.04 1.66 0.00	48.08 2.11 0.84	53.63 2.22 0.17	62.39 2.75 1.43	57.12 2.33 0.77	47.75 1.88 0.03	41.68 1.60 0.00	38.22 1.29 0.00

LUTHERNY_35_KV_BK2 355980	35.27 1.49 0.00	33.22 1.43 0.00	32.19 1.33 0.00	31.34 1.32 0.00	31.57 1.33 0.00	35.04 1.51 0.00	51.77 2.75 0.00	57.74 2.82 1.39	53.35 2.72 0.74	46.13 2.16 0.09	44.83 1.93 0.03	41.09 1.73 0.00	39.84 1.58 0.27	38.38 1.41 0.03	38.04 1.50 0.03	41.61 1.75 0.00	43.08 1.70 0.00	48.08 2.11 0.84	53.68 2.27 0.17	62.45 2.81 1.43	57.17 2.39 0.77	47.80 1.93 0.03	41.72 1.64 0.00	38.22 1.29 0.00
LWR___OSWEGATCHIE_HYD 23850	36.97 -0.88 -4.06	34.77 -0.89 -3.87	33.60 -0.83 -3.57	32.91 -0.81 -3.70	33.15 -0.82 -3.72	36.73 -0.84 -4.04	52.90 -1.37 -5.25	60.17 -1.30 -5.15	55.22 -1.39 -5.24	47.98 -1.15 -5.07	46.83 -1.07 -4.97	38.26 -1.10 0.00	37.23 -1.08 0.22	35.90 -1.07 0.03	35.41 -1.13 0.03	38.70 -1.16 0.00	40.35 -1.03 0.00	45.09 -1.03 0.70	50.51 -0.93 0.15	59.21 -0.67 1.19	54.41 -0.50 0.64	45.32 -0.55 0.03	39.52 -0.56 0.00	36.37 -0.55 0.00
LYONS_FALL_HYD 23570	35.11 0.14 -1.18	32.98 0.06 -1.13	32.00 0.09 -1.04	31.19 0.09 -1.08	31.42 0.09 -1.08	34.91 0.20 -1.18	50.90 0.35 -1.53	56.84 0.45 -0.08	52.44 0.31 -0.77	45.71 0.27 -1.38	44.52 0.17 -1.42	39.40 0.04 0.00	38.19 0.00 0.34	36.93 -0.04 0.04	36.46 -0.07 0.04	39.89 0.04 0.00	41.60 0.21 0.00	46.13 0.37 1.06	51.94 0.57 0.22	60.31 1.04 1.80	55.63 1.05 0.97	46.55 0.69 0.04	40.56 0.48 0.00	37.34 0.41 0.00
MADISON___COUNTY_LFGE 323628	34.40 0.61 0.00	32.30 0.51 0.00	31.39 0.52 0.00	30.53 0.51 0.00	30.76 0.51 0.00	34.17 0.64 0.00	50.01 0.98 0.00	55.21 1.13 2.23	51.20 1.03 1.19	44.80 0.88 0.14	43.70 0.82 0.05	39.99 0.63 0.00	38.68 0.58 0.43	37.47 0.52 0.05	37.04 0.51 0.05	40.53 0.68 0.01	42.22 0.83 0.00	46.45 0.98 1.34	52.49 1.19 0.28	60.43 1.65 2.29	55.87 1.56 1.24	47.00 1.15 0.05	41.00 0.92 0.00	37.81 0.89 0.00
MALONE___115KV_TB1 356076	58.17 -1.01 -25.40	54.96 -1.02 -24.19	53.15 -1.02 -23.30	52.21 -0.93 -23.12	52.57 -0.91 -23.24	57.80 -0.97 -25.24	81.52 -1.76 -34.26	93.77 -1.46 -38.92	86.13 -1.54 -36.31	75.02 -1.15 -32.10	73.18 -0.99 -31.23	38.41 -0.94 0.00	37.70 -0.73 0.10	36.40 -0.59 0.01	35.79 -0.77 0.01	39.10 -0.76 0.00	40.89 -0.50 0.00	45.93 -0.56 0.32	50.90 -0.62 0.07	60.16 -0.37 0.54	55.04 -0.22 0.29	45.75 -0.14 0.01	39.88 -0.20 0.00	36.74 -0.18 0.00
MAPLEWOD_115KV_TB3 80458	35.07 1.28 0.00	33.09 1.30 0.00	32.07 1.20 0.00	31.19 1.17 0.00	31.42 1.18 0.00	35.11 1.58 0.00	51.57 2.55 0.00	57.58 2.65 1.38	53.20 2.57 0.73	46.09 2.11 0.09	44.83 1.93 0.03	41.13 1.77 0.00	39.92 1.66 0.26	38.52 1.55 0.03	38.15 1.61 0.03	41.69 1.83 0.00	43.08 1.70 0.00	47.95 1.97 0.83	53.12 1.70 0.17	61.61 1.95 1.41	56.46 1.67 0.76	47.25 1.38 0.03	41.24 1.16 0.00	37.89 0.96 0.00
MAPLE_RIDGE_WT_1 323574	32.81 -0.98 0.00	30.87 -0.92 0.00	29.97 -0.90 0.00	29.15 -0.87 0.00	29.37 -0.88 0.00	32.56 -0.97 0.00	47.56 -1.47 0.00	53.52 -1.63 1.16	49.25 -1.49 0.62	42.75 -1.23 0.07	41.75 -1.16 0.03	38.30 -1.06 0.00	37.31 -1.00 0.22	36.05 -0.92 0.03	35.63 -0.91 0.03	38.90 -0.96 0.00	40.52 -0.87 0.00	45.18 -0.94 0.70	50.51 -0.93 0.15	58.78 -1.10 1.19	53.96 -0.94 0.65	45.14 -0.74 0.03	39.44 -0.64 0.00	36.30 -0.63 0.00
MAPLE_RIDGE_WT_2 323611	32.81 -0.98 0.00	30.87 -0.92 0.00	29.97 -0.90 0.00	29.15 -0.87 0.00	29.37 -0.88 0.00	32.56 -0.97 0.00	47.56 -1.47 0.00	53.52 -1.63 1.16	49.25 -1.49 0.62	42.75 -1.23 0.07	41.75 -1.16 0.03	38.30 -1.06 0.00	37.31 -1.00 0.22	36.05 -0.92 0.03	35.63 -0.91 0.03	38.90 -0.96 0.00	40.52 -0.87 0.00	45.18 -0.94 0.70	50.51 -0.93 0.15	58.78 -1.10 1.19	53.96 -0.94 0.65	45.14 -0.74 0.03	39.44 -0.64 0.00	36.30 -0.63 0.00
MARBLE_RIVER_WT_PWR 323696	-7.00 -2.13 38.66	-7.00 -1.97 36.82	-7.00 -1.94 35.92	-7.00 -1.83 35.19	-7.00 -1.88 35.37	-7.00 -2.11 38.42	-7.00 -3.19 52.84	-7.00 -2.81 60.50	-7.00 -2.41 55.95	-7.00 -2.11 48.95	-7.00 -2.36 47.57	37.27 -2.09 0.00	36.75 -1.69 0.08	35.51 -1.48 0.01	34.84 -1.72 0.01	38.14 -1.71 0.00	40.06 -1.33 0.00	45.24 -1.31 0.26	50.25 -1.29 0.05	59.53 -1.10 0.44	54.59 -0.72 0.24	45.39 -0.50 0.01	39.44 -0.64 0.00	36.38 -0.55 0.00
MARSHVLE_115KV_TB1 80742	36.22 2.43 0.00	34.05 2.26 0.00	32.99 2.13 0.00	32.12 2.10 0.00	32.39 2.15 0.00	36.38 2.85 0.00	53.73 4.71 0.00	59.70 4.96 1.57	54.69 4.16 0.83	46.91 2.95 0.10	45.38 2.49 0.04	41.33 1.97 0.00	40.31 2.08 0.30	38.89 1.92 0.03	38.48 1.94 0.03	42.33 2.47 0.00	44.24 2.86 0.00	49.90 4.03 0.94	55.72 4.33 0.20	65.02 5.56 1.60	59.63 4.94 0.87	49.68 3.81 0.03	43.29 3.21 0.00	39.62 2.70 0.00
MARSH_HILL_WT_PWR 323713	30.92 -2.87 0.00	29.02 -2.77 0.00	28.24 -2.62 0.00	27.41 -2.61 0.00	27.61 -2.63 0.00	30.88 -2.65 0.00	44.96 -4.07 0.00	46.04 -5.01 5.26	43.81 -4.47 3.08	39.78 -3.97 0.32	39.77 -4.16 -1.00	36.85 -3.74 -1.24	35.41 -3.51 -0.38	33.60 -3.33 0.07	33.39 -3.11 0.07	36.74 -3.11 0.01	38.74 -2.65 0.00	40.86 -2.81 3.14	48.18 -2.79 0.62	52.50 -3.18 5.39	50.13 -3.00 2.42	43.17 -2.66 0.07	37.99 -2.09 0.00	35.12 -1.81 0.00
MCINTYRE_115KV_TB2 80467	38.40 -0.07 -4.68	36.09 -0.16 -4.46	34.74 -0.15 -4.03	34.19 -0.09 -4.26	34.43 -0.09 -4.28	38.12 -0.07 -4.65	54.51 -0.44 -5.92	62.75 -0.17 -6.60	57.29 -0.46 -6.39	49.63 -0.31 -5.88	48.46 -0.21 -5.74	39.08 -0.28 0.00	38.13 -0.27 0.13	36.76 -0.22 0.01	36.23 -0.33 0.01	39.50 -0.36 0.00	41.22 -0.17 0.00	46.32 -0.09 0.40	51.61 0.10 0.08	60.88 0.49 0.68	55.80 0.61 0.37	46.34 0.46 0.01	40.48 0.40 0.00	37.33 0.41 0.00
MECO_____69_KV_BK1 80468	36.36 2.57 0.00	34.17 2.38 0.00	33.12 2.25 0.00	32.24 2.22 0.00	32.51 2.27 0.00	36.55 3.02 0.00	54.03 5.00 0.00	60.15 5.35 1.51	55.13 4.57 0.80	47.31 3.35 0.10	45.73 2.83 0.03	41.72 2.36 0.00	40.59 2.35 0.29	39.11 2.15 0.03	38.77 2.23 0.03	42.60 2.75 0.00	44.49 3.10 0.00	50.12 4.21 0.91	55.89 4.49 0.19	65.32 5.80 1.55	59.83 5.11 0.84	49.86 3.99 0.03	43.41 3.33 0.00	39.70 2.77 0.00
MENANDS___115KV_TB5 355628	35.00 1.22 0.00	33.03 1.24 0.00	32.00 1.14 0.00	31.13 1.11 0.00	31.36 1.12 0.00	34.91 1.37 0.00	51.23 2.21 0.00	57.25 2.31 1.38	52.84 2.21 0.73	45.82 1.85 0.09	44.62 1.72 0.03	40.93 1.57 0.00	39.73 1.46 0.26	38.34 1.37 0.03	37.97 1.43 0.03	41.45 1.59 0.00	42.88 1.49 0.00	47.58 1.59 0.83	52.96 1.55 0.17	61.43 1.77 1.41	56.29 1.50 0.76	47.11 1.24 0.03	41.16 1.08 0.00	37.81 0.89 0.00
MG INDUSTRY___DRP 24185	34.94 1.15 0.00	32.93 1.14 0.00	31.94 1.08 0.00	31.07 1.05 0.00	31.30 1.06 0.00	34.71 1.17 0.00	50.94 1.91 0.00	56.86 1.91 1.37	52.43 1.80 0.73	45.43 1.45 0.09	44.19 1.29 0.03	40.50 1.14 0.00	39.31 1.04 0.26	37.93 0.96 0.03	37.57 1.02 0.03	41.01 1.16 0.00	42.50 1.12 0.00	47.35 1.36 0.82	52.86 1.44 0.17	61.37 1.71 1.41	56.29 1.50 0.76	47.11 1.24 0.03	41.16 1.08 0.00	37.85 0.92 0.00

MID___OSWEGATCHIE_HYD 23849	36.97 -0.88 -4.06	34.77 -0.89 -3.87	33.60 -0.83 -3.57	32.91 -0.81 -3.70	33.15 -0.82 -3.72	36.73 -0.84 -4.04	52.90 -1.37 -5.25	60.17 -1.30 -5.15	55.22 -1.39 -5.24	47.98 -1.15 -5.07	46.83 -1.07 -4.97	38.26 -1.10 0.00	37.23 -1.08 0.22	35.90 -1.07 0.03	35.41 -1.13 0.03	38.70 -1.16 0.00	40.35 -1.03 0.00	45.09 -1.03 0.70	50.51 -0.93 0.15	59.21 -0.67 1.19	54.41 -0.50 0.64	45.32 -0.55 0.03	39.52 -0.56 0.00	36.37 -0.55 0.00
MID___RAQUETTE_HYD 23851	38.75 -0.98 -5.94	36.46 -0.99 -5.66	35.13 -0.96 -5.22	34.53 -0.90 -5.41	34.80 -0.88 -5.44	38.47 -0.97 -5.91	54.99 -1.72 -7.68	63.23 -1.58 -8.49	57.89 -1.64 -8.17	50.26 -1.28 -7.47	49.11 -1.12 -7.30	38.26 -1.10 0.00	37.39 -1.00 0.14	36.02 -0.96 0.02	35.50 -1.06 0.02	38.70 -1.16 0.00	40.35 -1.03 0.00	45.25 -1.12 0.44	50.36 -1.13 0.09	59.21 -1.10 0.76	54.26 -0.89 0.41	45.10 -0.78 0.02	39.40 -0.68 0.00	36.30 -0.63 0.00
MILLIKEN___1 23584	33.89 0.10 0.00	31.82 0.03 0.00	30.89 0.03 0.00	30.02 0.00 0.00	30.27 0.03 0.00	33.67 0.13 0.00	49.27 0.25 0.00	56.57 0.28 0.03	51.68 0.15 -0.16	44.11 0.09 0.04	44.24 0.00 -1.30	40.74 -0.04 -1.43	40.32 -0.08 -1.86	36.87 -0.07 0.06	36.48 -0.04 0.06	39.89 0.04 0.01	41.59 0.21 0.00	47.06 0.28 0.04	51.95 0.41 0.05	61.78 0.73 0.03	55.65 0.72 0.62	46.30 0.46 0.06	40.48 0.40 0.00	37.41 0.48 0.00
MILLIKEN___2 23585	33.89 0.10 0.00	31.82 0.03 0.00	30.89 0.03 0.00	30.02 0.00 0.00	30.27 0.03 0.00	33.67 0.13 0.00	49.27 0.25 0.00	56.57 0.28 0.03	51.68 0.15 -0.16	44.11 0.09 0.04	44.24 0.00 -1.30	40.74 -0.04 -1.43	40.32 -0.08 -1.86	36.87 -0.07 0.06	36.48 -0.04 0.06	39.89 0.04 0.01	41.59 0.21 0.00	47.06 0.28 0.04	51.95 0.41 0.05	61.78 0.73 0.03	55.65 0.72 0.62	46.30 0.46 0.06	40.48 0.40 0.00	37.41 0.48 0.00
MILLIKEN___DIESEL 23629	33.89 0.10 0.00	31.82 0.03 0.00	30.89 0.03 0.00	30.02 0.00 0.00	30.27 0.03 0.00	33.67 0.13 0.00	49.27 0.25 0.00	56.57 0.28 0.03	51.68 0.15 -0.16	44.11 0.09 0.04	44.24 0.00 -1.30	40.74 -0.04 -1.43	40.32 -0.08 -1.86	36.87 -0.07 0.06	36.48 -0.04 0.06	39.89 0.04 0.01	41.59 0.21 0.00	47.06 0.28 0.04	51.95 0.41 0.05	61.78 0.73 0.03	55.65 0.72 0.62	46.30 0.46 0.06	40.48 0.40 0.00	37.41 0.48 0.00
MILLSEAT___LFGE 323607	31.19 -2.60 0.00	29.21 -2.57 0.00	28.52 -2.35 0.00	27.68 -2.34 0.00	27.94 -2.30 0.00	31.12 -2.41 0.00	45.20 -3.82 0.00	47.65 -4.22 4.44	45.23 -3.70 2.43	40.52 -3.26 0.28	38.94 -3.13 0.86	35.66 -2.87 0.83	33.69 -2.93 1.91	34.18 -2.74 0.08	33.75 -2.74 0.08	36.78 -3.07 0.01	38.41 -2.98 0.00	40.55 -3.60 2.66	47.17 -3.87 0.54	52.19 -4.33 4.54	49.48 -3.78 2.30	42.74 -3.07 0.08	37.59 -2.48 0.00	35.19 -1.74 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.34 1.55 0.00	33.35 1.56 0.00	32.31 1.45 0.00	31.40 1.38 0.00	31.60 1.36 0.00	35.04 1.51 0.00	51.87 2.84 0.00	58.32 3.44 1.42	53.53 2.93 0.76	46.48 2.51 0.09	45.30 2.40 0.03	41.64 2.28 0.00	40.45 2.20 0.27	39.04 2.07 0.03	38.70 2.16 0.03	42.21 2.35 0.00	43.71 2.32 0.00	48.49 2.53 0.86	53.99 2.58 0.18	62.72 3.11 1.46	57.38 2.61 0.79	48.07 2.20 0.03	41.92 1.84 0.00	38.29 1.37 0.00
MILLWOOD_13_KV_LOAD 356217	35.44 1.66 0.00	33.41 1.62 0.00	32.38 1.51 0.00	31.49 1.47 0.00	31.70 1.45 0.00	35.11 1.58 0.00	52.02 2.99 0.00	58.49 3.60 1.42	53.69 3.08 0.76	46.61 2.64 0.09	45.43 2.53 0.03	41.72 2.36 0.00	40.57 2.31 0.27	39.15 2.18 0.03	38.81 2.27 0.03	42.33 2.47 0.00	43.87 2.48 0.00	48.63 2.67 0.86	54.19 2.79 0.18	62.91 3.30 1.46	57.60 2.83 0.79	48.21 2.34 0.03	42.04 1.96 0.00	38.41 1.48 0.00
MODEL_CITY_ENERGY 24167	30.11 -3.68 0.00	28.23 -3.56 0.00	27.59 -3.27 0.00	26.78 -3.24 0.00	27.01 -3.24 0.00	30.04 -3.49 0.00	43.44 -5.59 0.00	45.38 -6.47 4.45	43.12 -5.80 2.44	38.85 -4.93 0.28	37.20 -4.77 0.97	34.04 -4.37 0.95	32.04 -4.43 2.07	32.78 -4.14 0.08	32.40 -4.10 0.08	35.27 -4.58 0.01	36.79 -4.60 0.00	38.67 -5.48 2.67	44.95 -6.09 0.55	49.49 -7.02 4.56	47.04 -6.22 2.29	40.72 -5.10 0.08	36.07 -4.01 0.00	33.86 -3.06 0.00
MODERN_LFGE___ 323580	30.11 -3.68 0.00	28.23 -3.56 0.00	27.59 -3.27 0.00	26.78 -3.24 0.00	27.01 -3.24 0.00	30.04 -3.49 0.00	43.44 -5.59 0.00	45.38 -6.47 4.45	43.12 -5.80 2.44	38.85 -4.93 0.28	37.20 -4.77 0.97	34.04 -4.37 0.95	32.04 -4.43 2.07	32.78 -4.14 0.08	32.40 -4.10 0.08	35.27 -4.58 0.01	36.79 -4.60 0.00	38.67 -5.48 2.67	44.95 -6.09 0.55	49.49 -7.02 4.56	47.04 -6.22 2.29	40.72 -5.10 0.08	36.07 -4.01 0.00	33.86 -3.06 0.00
MOHAWK_PAPER___DRP 24187	35.07 1.28 0.00	33.09 1.30 0.00	32.07 1.20 0.00	31.19 1.17 0.00	31.42 1.18 0.00	35.11 1.58 0.00	51.57 2.55 0.00	57.58 2.65 1.38	53.20 2.57 0.73	46.09 2.11 0.09	44.83 1.93 0.03	41.13 1.77 0.00	39.92 1.66 0.26	38.52 1.55 0.03	38.15 1.61 0.03	41.69 1.83 0.00	43.08 1.70 0.00	47.95 1.97 0.83	53.12 1.70 0.17	61.61 1.95 1.41	56.46 1.67 0.76	47.25 1.38 0.03	41.24 1.16 0.00	37.89 0.96 0.00
MOHICAN___35_KV_115KV_LD 80490	35.00 1.22 0.00	32.93 1.14 0.00	31.91 1.05 0.00	31.04 1.02 0.00	31.30 1.06 0.00	34.81 1.27 0.00	51.53 2.50 0.00	57.45 2.53 1.39	53.09 2.47 0.74	45.91 1.94 0.09	44.57 1.67 0.03	40.81 1.46 0.00	39.57 1.31 0.27	38.04 1.07 0.03	37.71 1.17 0.03	41.33 1.47 0.00	42.79 1.41 0.00	47.85 1.87 0.84	53.37 1.96 0.18	62.21 2.56 1.43	56.89 2.11 0.77	47.57 1.70 0.03	41.48 1.40 0.00	37.93 1.00 0.00
MONGAUP___HYD 23641	35.17 1.39 0.00	33.12 1.33 0.00	32.07 1.20 0.00	31.16 1.14 0.00	31.39 1.15 0.00	34.84 1.31 0.00	51.28 2.26 0.00	56.96 2.08 1.44	52.35 1.75 0.76	45.69 1.72 0.09	44.40 1.50 0.03	40.93 1.58 0.00	39.80 1.54 0.28	38.45 1.48 0.03	38.11 1.57 0.03	41.41 1.55 0.00	42.96 1.57 0.00	47.77 1.82 0.86	53.42 2.01 0.18	62.22 2.62 1.47	56.98 2.22 0.80	47.61 1.74 0.03	41.52 1.44 0.00	38.30 1.37 0.00
MONTAUK___DIESEL 23721	36.25 2.47 0.00	34.68 2.89 0.00	33.76 2.90 0.00	32.84 2.82 0.00	32.97 2.72 0.00	36.89 3.35 0.00	54.56 5.54 0.00	62.04 7.15 1.42	55.18 4.57 0.75	47.58 3.61 0.09	45.90 3.01 0.03	42.19 2.83 0.00	40.72 2.47 0.27	39.37 2.41 0.03	39.17 2.63 0.03	42.92 3.07 0.00	44.45 3.06 0.00	49.24 3.28 0.85	53.73 2.32 0.18	62.42 2.81 1.46	56.71 1.94 0.79	47.43 1.56 0.03	41.36 1.28 0.00	37.96 1.03 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.11 -3.68 0.00	28.29 -3.50 0.00	27.50 -3.36 0.00	26.75 -3.27 0.00	27.07 -3.18 0.00	30.15 -3.39 0.00	44.37 -4.66 0.00	45.80 -6.03 4.48	43.62 -5.29 2.46	39.34 -4.45 0.27	38.04 -4.16 0.73	34.89 -3.78 0.68	32.97 -3.81 1.75	33.22 -3.70 0.08	33.02 -3.47 0.08	36.10 -3.75 0.01	37.75 -3.64 0.00	38.93 -5.20 2.69	45.37 -5.67 0.55	50.06 -6.41 4.59	47.41 -5.89 2.26	41.28 -4.54 0.08	36.67 -3.41 0.00	34.53 -2.40 0.00

MORRIS RIDGE___SOLAR 323848	30.78 -3.01 0.00	28.90 -2.89 0.00	28.12 -2.75 0.00	27.32 -2.70 0.00	27.55 -2.69 0.00	30.72 -2.82 0.00	44.81 -4.22 0.00	46.53 -5.07 4.71	43.98 -4.62 2.76	39.71 -4.05 0.30	33.34 -4.25 5.34	29.73 -3.90 5.73	26.56 -3.85 8.11	33.30 -3.62 0.07	33.03 -3.48 0.07	36.18 -3.67 0.01	37.99 -3.39 0.00	40.16 -3.84 2.82	47.00 -4.02 0.56	51.54 -4.70 4.83	49.01 -4.28 2.27	42.15 -3.67 0.07	37.19 -2.89 0.00	34.60 -2.33 0.00
MORTIMER_115KV_TB3 55949	31.90 -1.89 0.00	29.91 -1.88 0.00	29.10 -1.76 0.00	28.28 -1.74 0.00	28.58 -1.66 0.00	31.76 -1.78 0.00	46.13 -2.89 0.00	48.95 -2.98 4.38	46.35 -2.62 2.39	41.49 -2.29 0.28	40.35 -2.23 0.35	37.04 -2.05 0.27	35.32 -2.00 1.21	35.10 -1.81 0.08	34.59 -1.90 0.08	37.70 -2.15 0.01	39.28 -2.11 0.00	41.80 -2.39 2.63	48.52 -2.53 0.54	53.71 -2.87 4.49	50.74 -2.50 2.31	43.70 -2.11 0.08	38.04 -2.04 0.00	35.53 -1.40 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.61 1.82 0.00	33.57 1.78 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.28 1.74 0.00	52.36 3.33 0.00	58.89 4.00 1.42	54.00 3.39 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.72 0.00	40.88 2.62 0.27	39.49 2.52 0.03	39.14 2.60 0.03	42.68 2.83 0.00	44.20 2.81 0.00	49.00 3.04 0.85	54.50 3.10 0.18	63.22 3.60 1.46	57.88 3.11 0.79	48.49 2.62 0.03	42.32 2.24 0.00	38.63 1.70 0.00
MUNSVILLE_WIND_PWR 323609	34.84 1.05 0.00	32.68 0.89 0.00	31.79 0.93 0.00	30.89 0.87 0.00	31.12 0.88 0.00	34.67 1.14 0.00	50.94 1.91 0.00	57.38 2.25 1.19	52.67 1.80 0.49	45.51 1.54 0.09	44.93 1.29 -0.71	41.22 1.06 -0.80	40.34 0.96 -0.84	37.83 0.89 0.05	37.51 0.99 0.05	41.25 1.39 0.01	43.29 1.90 0.00	48.57 2.48 0.73	54.56 3.15 0.17	64.37 4.52 1.22	58.81 4.22 0.97	49.01 3.16 0.05	42.76 2.69 0.00	39.37 2.44 0.00
N SALMON___HYD 24042	58.17 -1.01 -25.40	54.96 -1.02 -24.19	53.15 -1.02 -23.30	52.21 -0.93 -23.12	52.57 -0.91 -23.24	57.80 -0.97 -25.24	81.53 -1.76 -34.26	93.77 -1.46 -38.92	86.13 -1.54 -36.31	74.98 -1.19 -32.10	73.18 -0.99 -31.23	38.41 -0.94 0.00	37.70 -0.73 0.10	36.40 -0.59 0.01	35.79 -0.77 0.01	39.10 -0.76 0.00	40.89 -0.49 0.00	45.94 -0.56 0.32	50.90 -0.62 0.07	60.16 -0.36 0.54	55.04 -0.22 0.29	45.75 -0.14 0.01	39.84 -0.24 0.00	36.74 -0.18 0.00
N.AKRON__115KV_KNAPP 355671	31.09 -2.70 0.00	29.12 -2.67 0.00	28.36 -2.50 0.00	27.56 -2.46 0.00	27.88 -2.36 0.00	31.02 -2.51 0.00	45.05 -3.97 0.00	47.37 -4.51 4.44	45.03 -3.90 2.43	40.35 -3.44 0.28	38.73 -3.31 0.90	35.42 -3.07 0.87	33.48 -3.08 1.97	34.07 -2.85 0.08	33.60 -2.89 0.08	36.58 -3.27 0.01	38.24 -3.15 0.00	40.36 -3.79 2.66	46.97 -4.08 0.54	51.88 -4.64 4.55	49.20 -4.06 2.30	42.56 -3.26 0.08	37.23 -2.85 0.00	35.05 -1.88 0.00
N.BELMOR_69_KV_BK1 55787	35.88 2.09 0.00	33.89 2.10 0.00	32.84 1.98 0.00	31.85 1.83 0.00	32.03 1.78 0.00	35.71 2.18 0.00	52.55 3.53 0.00	59.57 4.67 1.42	54.15 3.54 0.75	47.19 3.22 0.09	45.95 3.05 0.03	42.27 2.91 0.00	40.96 2.70 0.27	39.56 2.59 0.03	39.28 2.74 0.03	42.88 3.03 0.00	44.45 3.06 0.00	49.19 3.23 0.85	54.50 3.10 0.18	63.34 3.73 1.46	57.93 3.17 0.79	48.71 2.85 0.03	42.60 2.52 0.00	38.81 1.88 0.00
N.E_GEN_SANDY PD 24062	35.31 1.52 0.00	33.35 1.56 0.00	32.31 1.45 0.00	32.40 1.41 -0.97	33.00 1.42 -1.33	36.36 1.54 -1.28	51.57 2.55 0.00	60.96 2.65 -2.00	49.69 2.47 4.13	46.00 2.03 0.09	44.87 1.98 0.03	41.13 1.77 0.00	40.00 1.74 0.27	38.60 1.63 0.03	38.23 1.68 0.03	41.65 1.80 0.00	43.00 1.61 0.00	47.80 1.82 0.84	53.42 2.01 0.18	61.84 2.20 1.43	56.61 1.83 0.77	47.43 1.56 0.03	41.40 1.32 0.00	38.00 1.07 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.17 1.39 0.00	33.19 1.40 0.00	32.16 1.30 0.00	31.25 1.23 0.00	31.48 1.24 0.00	34.91 1.37 0.00	51.67 2.65 0.00	58.15 3.27 1.43	53.33 2.72 0.76	46.30 2.34 0.09	45.13 2.23 0.03	41.48 2.13 0.00	40.30 2.04 0.27	38.89 1.92 0.03	38.55 2.01 0.03	42.05 2.19 0.00	43.50 2.11 0.00	48.25 2.29 0.86	53.78 2.37 0.18	62.48 2.87 1.46	57.21 2.44 0.79	47.89 2.02 0.03	41.80 1.72 0.00	38.18 1.26 0.00
N.QUEENS_27_KV_LOAD 356247	35.69 1.89 -0.01	33.77 1.97 -0.01	32.69 1.82 -0.01	31.77 1.74 -0.01	32.01 1.75 -0.01	35.32 1.78 -0.01	52.35 3.33 0.01	59.06 4.17 1.42	54.19 3.60 0.76	47.18 3.22 0.10	45.98 3.09 0.04	42.26 2.91 0.01	41.10 2.85 0.28	39.66 2.70 0.04	39.31 2.78 0.04	42.88 3.03 0.01	44.40 3.02 0.01	49.23 3.28 0.86	54.70 3.30 0.19	63.40 3.79 1.46	58.04 3.28 0.79	48.66 2.80 0.04	42.41 2.32 -0.01	38.64 1.70 -0.01
N.TROY___115KV_TB1 355778	35.14 1.35 0.00	33.12 1.34 0.00	32.13 1.27 0.00	31.25 1.23 0.00	31.48 1.24 0.00	34.94 1.41 0.00	51.33 2.30 0.00	57.24 2.31 1.38	52.89 2.26 0.73	45.78 1.81 0.09	44.57 1.67 0.03	40.85 1.50 0.00	39.69 1.43 0.27	38.27 1.30 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.79 1.41 0.00	47.62 1.64 0.83	53.22 1.81 0.17	61.73 2.08 1.42	56.56 1.78 0.77	47.29 1.42 0.03	41.32 1.24 0.00	37.93 1.00 0.00
NARROWS_GT1_1 24228	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT1_2 24229	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT1_3 24230	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT1_4 24231	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18

NARROWS_GT1_5 24232	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT1_6 24233	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT1_7 24234	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT1_8 24235	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT2_1 24236	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT2_2 24237	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT2_3 24238	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT2_4 24239	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT2_5 24240	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT2_6 24241	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT2_7 24242	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NARROWS_GT2_8 24243	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.25 2.00 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.96 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.37 2.92 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	92.04 3.72 -36.74	92.04 4.27 -26.70	58.55 3.78 0.78	56.84 3.12 -7.82	56.10 2.64 -13.38	51.25 2.14 -12.18
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.51 1.72 0.00	33.47 1.68 0.00	32.41 1.54 0.00	31.49 1.47 0.00	31.76 1.51 0.00	35.31 1.78 0.00	51.92 2.89 0.00	57.86 2.93 1.38	53.35 2.72 0.73	46.09 2.11 0.09	44.74 1.85 0.03	40.97 1.61 0.00	39.73 1.46 0.27	38.30 1.33 0.03	37.93 1.39 0.03	41.45 1.59 0.00	43.00 1.61 0.00	47.99 2.01 0.83	53.68 2.27 0.17	62.58 2.93 1.42	57.29 2.50 0.77	47.94 2.07 0.03	41.84 1.76 0.00	38.52 1.59 0.00
NCHELSEA_115KV_TR2 355582	35.55 1.76 0.00	33.47 1.68 0.00	32.44 1.57 0.00	31.52 1.50 0.00	31.73 1.48 0.00	35.21 1.68 0.00	52.16 3.14 0.00	58.49 3.60 1.42	53.84 3.24 0.76	46.70 2.73 0.09	45.47 2.58 0.03	41.80 2.44 0.00	40.61 2.35 0.27	39.19 2.22 0.03	38.85 2.30 0.03	42.37 2.51 0.00	43.87 2.48 0.00	48.72 2.76 0.86	54.30 2.89 0.18	63.15 3.54 1.46	57.82 3.06 0.79	48.35 2.48 0.03	42.16 2.08 0.00	38.59 1.66 0.00
NEG CAPITAL___MECHNVIL 23645	35.34 1.56 0.00	33.31 1.53 0.00	32.28 1.42 0.00	31.40 1.38 0.00	31.64 1.39 0.00	35.14 1.61 0.00	51.82 2.79 0.00	57.85 2.93 1.39	53.40 2.77 0.74	46.22 2.25 0.09	44.96 2.06 0.03	41.17 1.81 0.00	39.96 1.69 0.27	38.49 1.52 0.03	38.11 1.57 0.03	41.69 1.83 0.00	43.17 1.78 0.00	48.18 2.20 0.83	53.79 2.37 0.17	62.52 2.87 1.42	57.29 2.50 0.77	47.84 1.97 0.03	41.76 1.68 0.00	38.30 1.37 0.00

NEG CENTRAL_HIGH_ACRES 23767	31.73 -2.06 0.00	29.75 -2.04 0.00	28.98 -1.88 0.00	28.13 -1.89 0.00	28.40 -1.85 0.00	31.59 -1.95 0.00	45.94 -3.09 0.00	49.11 -3.15 4.05	46.39 -2.77 2.20	41.38 -2.42 0.26	40.34 -2.32 0.28	37.03 -2.13 0.20	35.40 -2.08 1.05	34.99 -1.93 0.08	34.52 -1.98 0.08	37.66 -2.19 0.01	39.15 -2.24 0.00	41.85 -2.53 2.43	48.35 -2.74 0.50	53.81 -3.11 4.15	50.67 -2.72 2.16	43.48 -2.34 0.08	37.95 -2.13 0.00	35.27 -1.66 0.00
NEG CENTRAL___DRP 24199	33.04 -0.74 0.00	31.03 -0.76 0.00	30.12 -0.74 0.00	29.30 -0.72 0.00	29.58 -0.67 0.00	32.90 -0.64 0.00	48.09 -0.93 0.00	51.90 -1.01 3.40	48.55 -0.92 1.89	42.97 -0.88 0.21	41.86 -0.90 0.17	38.40 -0.87 0.09	36.84 -0.89 0.81	36.12 -0.81 0.06	35.74 -0.77 0.06	39.01 -0.84 0.01	40.68 -0.70 0.00	43.98 -0.80 2.04	50.40 -0.77 0.42	56.74 -0.85 3.48	53.14 -0.67 1.75	45.20 -0.64 0.06	39.48 -0.60 0.00	36.60 -0.33 0.00
NEG CENTRAL___INDECK 23768	32.27 -1.52 0.00	30.23 -1.56 0.00	29.44 -1.42 0.00	28.58 -1.44 0.00	28.85 -1.39 0.00	32.22 -1.31 0.00	46.97 -2.06 0.00	49.33 -2.25 4.73	46.44 -2.21 2.71	41.52 -2.25 0.29	41.94 -2.40 -1.41	38.67 -2.36 -1.67	37.29 -2.31 -1.07	34.85 -2.07 0.08	34.52 -1.98 0.08	37.78 -2.07 0.01	39.57 -1.82 0.00	42.20 -1.78 2.83	49.52 -1.50 0.57	55.00 -1.22 4.84	52.17 -1.06 2.32	44.86 -0.97 0.08	39.20 -0.88 0.00	36.38 -0.55 0.00
NEG CENTRAL___SENECA 23627	32.88 -0.91 0.00	30.83 -0.95 0.00	29.97 -0.90 0.00	29.12 -0.90 0.00	29.40 -0.85 0.00	32.73 -0.80 0.00	47.95 -1.08 0.00	50.81 -1.24 4.27	47.83 -1.13 2.40	42.69 -1.10 0.26	41.46 -1.16 0.31	38.03 -1.10 0.23	36.25 -1.12 1.17	35.89 -1.04 0.07	35.51 -0.99 0.07	38.81 -1.04 0.01	40.56 -0.83 0.00	43.28 -0.98 2.55	50.14 -0.93 0.52	55.60 -1.10 4.37	52.61 -0.83 2.12	45.10 -0.73 0.07	39.40 -0.68 0.00	36.56 -0.37 0.00
NEG CENTRAL___STATE_STREET 24147	33.35 -0.44 0.00	31.31 -0.48 0.00	30.40 -0.46 0.00	29.57 -0.45 0.00	29.82 -0.42 0.00	33.16 -0.37 0.00	48.39 -0.64 0.00	53.44 -0.62 2.25	49.66 -0.51 1.19	43.38 -0.53 0.15	42.48 -0.52 -0.07	39.02 -0.47 -0.13	37.77 -0.50 0.26	36.50 -0.44 0.06	36.11 -0.40 0.06	39.41 -0.44 0.01	41.06 -0.33 0.00	45.04 -0.42 1.36	50.89 -0.41 0.29	58.39 -0.37 2.31	53.96 -0.28 1.32	45.52 -0.32 0.06	39.72 -0.36 0.00	36.78 -0.15 0.00
NEG MILLWOOD___DRP 24198	35.75 1.96 0.00	33.66 1.88 0.00	32.59 1.73 0.00	31.67 1.65 0.00	31.91 1.66 0.00	35.41 1.88 0.00	52.51 3.48 0.00	58.89 4.00 1.42	54.20 3.60 0.75	47.01 3.04 0.09	45.82 2.92 0.03	42.03 2.68 0.00	40.84 2.58 0.27	39.41 2.44 0.03	39.10 2.56 0.03	42.64 2.79 0.00	44.20 2.81 0.00	49.05 3.09 0.85	54.66 3.25 0.18	63.52 3.91 1.46	58.10 3.33 0.79	48.58 2.71 0.03	42.40 2.32 0.00	38.70 1.77 0.00
NEG NORTH_FLCN_SEA 23793	-6.40 -1.52 38.67	-6.47 -1.43 36.82	-6.48 -1.42 35.93	-6.52 -1.35 35.20	-6.49 -1.36 35.37	-6.40 -1.51 38.43	-6.23 -2.40 52.85	-6.28 -2.08 60.51	-6.50 -1.90 55.96	-6.48 -1.59 48.95	-6.28 -1.63 47.58	37.90 -1.46 0.00	37.33 -1.12 0.08	36.03 -0.96 0.01	35.39 -1.17 0.01	38.74 -1.12 0.00	40.60 -0.79 0.00	45.76 -0.80 0.26	50.76 -0.77 0.05	60.14 -0.49 0.44	55.09 -0.22 0.24	45.84 -0.05 0.01	39.88 -0.20 0.00	36.74 -0.18 0.00
NEG NORTH_KES_CHATEGAY 23792	-8.27 -1.22 40.84	-8.31 -1.21 38.89	-8.26 -1.17 37.95	-8.26 -1.11 37.17	-8.24 -1.12 37.36	-8.30 -1.24 40.59	-8.90 -2.11 55.82	-9.68 -2.08 63.91	-9.80 -2.05 59.10	-9.28 -1.63 51.71	-8.83 -1.50 50.25	38.02 -1.34 0.00	37.37 -1.08 0.09	36.07 -0.93 0.01	35.50 -1.06 0.01	38.78 -1.08 0.00	40.60 -0.79 0.00	45.65 -0.89 0.27	50.55 -0.98 0.06	59.69 -0.92 0.47	54.69 -0.61 0.25	45.52 -0.37 0.01	39.68 -0.40 0.00	36.56 -0.37 0.00
NEG NORTH___ALICE_FALLS 23915	-6.51 -1.28 39.01	-6.60 -1.24 37.15	-6.62 -1.23 36.25	-6.63 -1.14 35.51	-6.60 -1.15 35.69	-6.48 -1.24 38.77	-6.35 -2.06 53.32	-6.37 -1.63 61.05	-6.69 -1.59 56.46	-6.61 -1.28 49.39	-6.36 -1.29 48.00	38.10 -1.26 0.00	37.48 -0.96 0.08	36.21 -0.78 0.01	35.58 -0.99 0.01	38.94 -0.92 0.00	40.81 -0.58 0.00	45.94 -0.61 0.26	50.97 -0.57 0.05	60.38 -0.24 0.45	55.31 0.00 0.24	45.98 0.09 0.01	40.00 -0.08 0.00	36.85 -0.07 0.00
NEG NORTH___LWR_SARANAC 23913	-6.51 -1.28 39.01	-6.60 -1.24 37.15	-6.62 -1.23 36.25	-6.63 -1.14 35.51	-6.60 -1.15 35.69	-6.48 -1.24 38.77	-6.35 -2.06 53.32	-6.37 -1.63 61.05	-6.69 -1.59 56.46	-6.61 -1.28 49.39	-6.36 -1.29 48.00	38.10 -1.26 0.00	37.48 -0.96 0.08	36.21 -0.78 0.01	35.58 -0.99 0.01	38.94 -0.92 0.00	40.81 -0.58 0.00	45.94 -0.61 0.26	50.97 -0.57 0.05	60.38 -0.24 0.45	55.31 0.00 0.24	45.98 0.09 0.01	40.00 -0.08 0.00	36.85 -0.07 0.00
NEG NORTH___PLATTSBURG 23628	-6.51 -1.28 39.01	-6.60 -1.24 37.15	-6.62 -1.24 36.25	-6.63 -1.14 35.51	-6.60 -1.15 35.69	-6.48 -1.24 38.77	-6.35 -2.06 53.32	-6.37 -1.63 61.05	-6.69 -1.59 56.46	-6.61 -1.28 49.39	-6.36 -1.29 48.00	38.10 -1.26 0.00	37.49 -0.96 0.08	36.21 -0.78 0.01	35.58 -0.99 0.01	38.94 -0.92 0.00	40.81 -0.58 0.00	45.94 -0.61 0.26	50.97 -0.57 0.05	60.38 -0.24 0.45	55.31 0.00 0.24	45.98 0.09 0.01	40.00 -0.08 0.00	36.85 -0.07 0.00
NEG WEST_LEA_LOCKPORT 23791	30.38 -3.41 0.00	28.48 -3.31 0.00	27.75 -3.12 0.00	26.99 -3.03 0.00	27.28 -2.96 0.00	30.31 -3.22 0.00	43.88 -5.15 0.00	45.83 -6.03 4.46	43.57 -5.34 2.45	39.20 -4.58 0.28	37.41 -4.42 1.10	34.21 -4.05 1.09	32.20 -4.08 2.25	33.11 -3.81 0.08	32.69 -3.80 0.08	35.58 -4.26 0.01	37.17 -4.22 0.00	39.08 -5.06 2.67	45.47 -5.57 0.55	50.09 -6.41 4.57	47.59 -5.67 2.30	41.18 -4.64 0.08	36.19 -3.89 0.00	34.20 -2.73 0.00
NEG WEST___LANCASTER 23811	31.02 -2.77 0.00	29.15 -2.64 0.00	28.39 -2.47 0.00	27.62 -2.40 0.00	27.88 -2.36 0.00	30.98 -2.55 0.00	45.30 -3.73 0.00	45.66 -6.19 4.45	43.69 -5.24 2.43	39.56 -4.23 0.27	38.44 -3.69 0.80	35.21 -3.38 0.77	33.11 -3.58 1.84	33.08 -3.85 0.08	33.20 -3.29 0.08	36.42 -3.43 0.01	38.20 -3.19 0.00	38.95 -5.20 2.67	44.91 -6.14 0.54	49.61 -6.90 4.56	46.86 -6.44 2.25	41.14 -4.68 0.08	37.23 -2.85 0.00	35.08 -1.85 0.00
NEG_PENN_ALLEGHNY 23528	33.32 -0.47 0.00	31.31 -0.48 0.00	30.43 -0.43 0.00	29.57 -0.45 0.00	29.82 -0.42 0.00	33.13 -0.40 0.00	48.58 -0.44 0.00	52.68 -0.67 2.96	49.24 -0.67 1.45	43.31 -0.57 0.17	42.24 -0.56 0.13	38.77 -0.51 0.08	37.37 -0.54 0.62	36.39 -0.55 0.06	36.00 -0.51 0.06	39.33 -0.52 0.01	41.01 -0.37 0.00	44.43 -0.61 1.78	50.55 -0.67 0.36	57.36 -0.67 3.03	53.40 -0.61 1.55	45.30 -0.55 0.06	39.76 -0.32 0.00	36.74 -0.18 0.00
NEG___GEN_MONROE 24207	31.96 -1.82 0.00	29.94 -1.84 0.00	29.13 -1.73 0.00	28.31 -1.71 0.00	28.61 -1.63 0.00	31.82 -1.71 0.00	46.23 -2.79 0.00	49.00 -2.93 4.39	46.40 -2.57 2.39	41.45 -2.34 0.28	40.15 -2.32 0.46	36.80 -2.16 0.40	34.93 -2.23 1.36	34.88 -2.04 0.08	34.40 -2.08 0.08	37.46 -2.39 0.01	39.11 -2.28 0.00	41.61 -2.57 2.63	48.36 -2.68 0.54	53.65 -2.93 4.49	50.74 -2.50 2.31	43.70 -2.11 0.08	38.16 -1.92 0.00	35.67 -1.26 0.00

NEPA__ENERGY 23901	30.95 -2.84 0.00	29.12 -2.67 0.00	28.33 -2.53 0.00	27.59 -2.43 0.00	27.85 -2.39 0.00	30.92 -2.62 0.00	45.35 -3.68 0.00	46.92 -4.96 4.44	44.42 -4.52 2.42	39.91 -3.88 0.27	38.52 -3.61 0.80	35.29 -3.31 0.76	33.30 -3.39 1.84	33.59 -3.33 0.08	33.39 -3.11 0.08	36.46 -3.39 0.01	38.12 -3.27 0.00	39.71 -4.45 2.66	46.15 -4.90 0.54	51.08 -5.44 4.55	48.37 -4.94 2.24	41.92 -3.90 0.08	37.23 -2.85 0.00	35.01 -1.92 0.00
NEVERSink__HYD 23608	35.27 1.48 0.00	33.22 1.43 0.00	32.13 1.27 0.00	31.25 1.23 0.00	31.48 1.24 0.00	34.97 1.44 0.00	51.77 2.74 0.00	58.03 3.15 1.44	53.42 2.82 0.76	46.39 2.42 0.09	45.09 2.19 0.03	41.36 2.01 0.00	40.14 1.89 0.28	38.78 1.81 0.03	38.41 1.86 0.03	41.93 2.07 0.00	43.54 2.15 0.00	48.34 2.39 0.86	53.93 2.53 0.18	62.77 3.17 1.47	57.48 2.72 0.80	48.03 2.16 0.03	41.88 1.81 0.00	38.48 1.55 0.00
NEWKRMKL_115KV_TB1 55635	34.94 1.15 0.00	32.96 1.18 0.00	31.97 1.11 0.00	31.10 1.08 0.00	31.30 1.06 0.00	34.77 1.24 0.00	51.04 2.01 0.00	57.02 2.08 1.38	52.63 2.00 0.73	45.65 1.67 0.09	44.44 1.55 0.03	40.77 1.42 0.00	39.62 1.35 0.26	38.19 1.22 0.03	37.82 1.28 0.03	41.29 1.43 0.00	42.71 1.32 0.00	47.48 1.50 0.83	52.91 1.50 0.17	61.43 1.77 1.41	56.29 1.50 0.76	47.11 1.24 0.03	41.12 1.04 0.00	37.78 0.85 0.00
NEWTON__FALLS_HYD 23847	36.97 -0.88 -4.06	34.77 -0.89 -3.87	33.60 -0.83 -3.57	32.91 -0.81 -3.70	33.15 -0.82 -3.72	36.73 -0.84 -4.04	52.90 -1.37 -5.25	60.17 -1.30 -5.15	55.22 -1.39 -5.24	47.98 -1.15 -5.07	46.83 -1.07 -4.97	38.26 -1.10 0.00	37.23 -1.08 0.22	35.90 -1.07 0.03	35.41 -1.13 0.03	38.70 -1.16 0.00	40.35 -1.03 0.00	45.09 -1.03 0.70	50.51 -0.93 0.15	59.21 -0.67 1.19	54.41 -0.50 0.64	45.32 -0.55 0.03	39.52 -0.56 0.00	36.37 -0.55 0.00
NGRID_A1_DSASP 323792	30.11 -3.68 0.00	28.26 -3.53 0.00	27.59 -3.27 0.00	26.81 -3.21 0.00	27.04 -3.21 0.00	30.04 -3.49 0.00	43.39 -5.64 0.00	45.38 -6.47 4.46	43.07 -5.86 2.44	38.80 -4.98 0.28	37.16 -4.81 0.96	34.13 -4.29 0.94	32.08 -4.39 2.06	32.78 -4.14 0.08	32.36 -4.13 0.08	35.23 -4.62 0.01	36.67 -4.72 0.00	38.62 -5.52 2.67	44.85 -6.19 0.55	49.36 -7.14 4.57	46.92 -6.33 2.30	40.63 -5.19 0.08	35.99 -4.09 0.00	33.83 -3.10 0.00
NGRID_A2_DSASP 323793	30.11 -3.68 0.00	28.26 -3.53 0.00	27.59 -3.27 0.00	26.81 -3.21 0.00	27.04 -3.21 0.00	30.04 -3.49 0.00	43.39 -5.64 0.00	45.38 -6.47 4.46	43.07 -5.86 2.44	38.80 -4.98 0.28	37.16 -4.81 0.96	34.13 -4.29 0.94	32.08 -4.39 2.06	32.78 -4.14 0.08	32.36 -4.13 0.08	35.23 -4.62 0.01	36.67 -4.72 0.00	38.62 -5.52 2.67	44.85 -6.19 0.55	49.36 -7.14 4.57	46.92 -6.33 2.30	40.63 -5.19 0.08	35.99 -4.09 0.00	33.83 -3.10 0.00
NGRID_A4_DSASP 323807	30.11 -3.68 0.00	28.26 -3.53 0.00	27.59 -3.27 0.00	26.81 -3.21 0.00	27.04 -3.21 0.00	30.04 -3.49 0.00	43.39 -5.64 0.00	45.38 -6.47 4.46	43.07 -5.86 2.44	38.80 -4.98 0.28	37.16 -4.81 0.96	34.13 -4.29 0.94	32.08 -4.39 2.06	32.78 -4.14 0.08	32.36 -4.13 0.08	35.23 -4.62 0.01	36.67 -4.72 0.00	38.62 -5.52 2.67	44.85 -6.19 0.55	49.36 -7.14 4.57	46.92 -6.33 2.30	40.63 -5.19 0.08	35.99 -4.09 0.00	33.83 -3.10 0.00
NIAGARA_115E_LBMP 323715	29.97 -3.82 0.00	28.10 -3.69 0.00	27.44 -3.43 0.00	26.66 -3.36 0.00	26.89 -3.36 0.00	29.91 -3.62 0.00	43.19 -5.83 0.00	45.10 -6.76 4.46	42.81 -6.11 2.44	38.58 -5.20 0.28	36.95 -5.02 0.96	33.82 -4.60 0.94	31.85 -4.62 2.05	32.59 -4.33 0.08	32.18 -4.32 0.08	35.06 -4.78 0.01	36.55 -4.84 0.00	38.38 -5.76 2.67	44.64 -6.40 0.55	49.11 -7.39 4.56	46.71 -6.56 2.29	40.45 -5.37 0.08	35.83 -4.25 0.00	33.68 -3.25 0.00
NIAGARA_115W_LBMP 323714	30.04 -3.75 0.00	28.20 -3.59 0.00	27.53 -3.33 0.00	26.75 -3.27 0.00	26.98 -3.27 0.00	29.98 -3.56 0.00	43.24 -5.79 0.00	45.21 -6.65 4.46	42.96 -5.96 2.44	38.72 -5.07 0.28	37.07 -4.90 0.96	34.01 -4.41 0.94	31.96 -4.51 2.06	32.70 -4.22 0.08	32.29 -4.20 0.08	35.11 -4.74 0.01	36.59 -4.80 0.00	38.47 -5.67 2.67	44.75 -6.30 0.55	49.17 -7.33 4.57	46.81 -6.44 2.30	40.54 -5.28 0.08	35.87 -4.21 0.00	33.72 -3.21 0.00
NIAGARA_230_LBMP 323716	30.38 -3.41 0.00	28.52 -3.27 0.00	27.84 -3.02 0.00	27.05 -2.97 0.00	27.28 -2.96 0.00	30.31 -3.22 0.00	43.78 -5.24 0.00	45.77 -6.08 4.46	43.42 -5.49 2.44	39.07 -4.71 0.28	37.45 -4.51 0.97	34.31 -4.09 0.95	32.33 -4.12 2.07	33.00 -3.92 0.08	32.58 -3.91 0.08	35.51 -4.34 0.01	37.00 -4.39 0.00	38.94 -5.20 2.67	45.26 -5.78 0.55	49.78 -6.72 4.57	47.31 -5.94 2.30	40.95 -4.87 0.08	36.27 -3.81 0.00	34.05 -2.88 0.00
NIAGARA__115KV_198_GIBSON 55903	30.04 -3.75 0.00	28.20 -3.59 0.00	27.44 -3.43 0.00	26.72 -3.30 0.00	26.98 -3.27 0.00	29.98 -3.55 0.00	43.24 -5.78 0.00	45.15 -6.70 4.46	42.91 -6.01 2.44	38.67 -5.11 0.28	37.03 -4.94 0.96	33.89 -4.53 0.94	32.00 -4.47 2.06	32.70 -4.22 0.08	32.25 -4.24 0.08	35.07 -4.78 0.01	36.59 -4.80 0.00	38.48 -5.66 2.67	44.75 -6.29 0.55	49.17 -7.33 4.57	46.81 -6.44 2.30	40.54 -5.28 0.08	35.63 -4.45 0.00	33.72 -3.21 0.00
NIAGARA____ 23760	30.38 -3.41 0.00	28.52 -3.27 0.00	27.84 -3.02 0.00	27.05 -2.97 0.00	27.28 -2.96 0.00	30.31 -3.22 0.00	43.78 -5.24 0.00	45.77 -6.08 4.46	43.42 -5.49 2.44	39.07 -4.71 0.28	37.46 -4.51 0.97	34.32 -4.09 0.94	32.35 -4.12 2.06	33.00 -3.92 0.08	32.58 -3.91 0.08	35.51 -4.34 0.01	37.00 -4.39 0.00	38.94 -5.20 2.67	45.26 -5.78 0.55	49.78 -6.72 4.57	47.31 -5.94 2.30	40.95 -4.87 0.08	36.27 -3.81 0.00	34.05 -2.88 0.00
NINE_MILE_1 23575	32.74 -1.05 0.00	30.77 -1.02 0.00	29.91 -0.96 0.00	29.09 -0.93 0.00	29.31 -0.94 0.00	32.53 -1.01 0.00	47.31 -1.72 0.00	42.35 -2.02 11.93	43.19 -1.85 6.33	41.71 -1.58 0.77	41.12 -1.54 0.27	37.94 -1.42 0.00	34.82 -1.42 2.29	35.41 -1.33 0.26	35.00 -1.32 0.26	38.40 -1.43 0.03	39.90 -1.49 0.00	37.96 -1.68 7.17	48.23 -1.86 1.50	46.71 -2.14 12.22	46.99 -1.95 6.62	43.99 -1.65 0.26	38.68 -1.40 0.00	35.75 -1.18 0.00
NINE_MILE_2 23744	32.74 -1.05 0.00	30.77 -1.02 0.00	29.91 -0.96 0.00	29.09 -0.93 0.00	29.31 -0.94 0.00	32.53 -1.01 0.00	47.31 -1.72 0.00	42.18 -2.08 12.05	43.12 -1.85 6.39	41.70 -1.58 0.77	41.07 -1.59 0.27	37.90 -1.46 0.00	34.80 -1.42 2.31	35.41 -1.33 0.26	34.96 -1.35 0.26	38.40 -1.43 0.03	39.90 -1.49 0.00	37.89 -1.68 7.24	48.22 -1.86 1.52	46.59 -2.14 12.34	46.92 -1.95 6.69	43.99 -1.65 0.26	38.68 -1.40 0.00	35.75 -1.18 0.00
NM_CAPITAL__DRP 24208	34.97 1.18 0.00	33.00 1.21 0.00	32.00 1.14 0.00	31.10 1.08 0.00	31.33 1.09 0.00	34.84 1.31 0.00	51.13 2.11 0.00	57.08 2.14 1.38	52.69 2.05 0.73	45.69 1.72 0.09	44.49 1.59 0.03	40.81 1.46 0.00	39.65 1.39 0.26	38.27 1.30 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.75 1.37 0.00	47.53 1.54 0.83	52.91 1.50 0.17	61.37 1.71 1.41	56.24 1.44 0.76	47.06 1.19 0.03	41.12 1.04 0.00	37.78 0.85 0.00

NM_CENTRAL___DRP 24181	33.21 -0.57 0.00	31.22 -0.57 0.00	30.34 -0.52 0.00	29.48 -0.54 0.00	29.73 -0.51 0.00	33.00 -0.54 0.00	48.14 -0.88 0.00	52.43 -0.96 2.92	48.94 -0.87 1.55	43.17 -0.70 0.19	42.13 -0.73 0.07	38.69 -0.67 0.00	37.32 -0.66 0.56	36.34 -0.59 0.06	35.92 -0.59 0.06	39.21 -0.64 0.01	40.77 -0.62 0.00	44.31 -0.75 1.76	50.40 -0.83 0.37	57.16 -0.92 2.99	53.10 -0.83 1.62	45.10 -0.73 0.06	39.40 -0.68 0.00	36.45 -0.48 0.00
NM_FRONTIER___DRP 24179	30.04 -3.75 0.00	28.20 -3.59 0.00	27.44 -3.43 0.00	26.72 -3.30 0.00	26.98 -3.27 0.00	29.98 -3.55 0.00	43.24 -5.78 0.00	45.15 -6.70 4.46	42.91 -6.01 2.44	38.67 -5.11 0.28	37.03 -4.94 0.96	33.89 -4.53 0.94	32.00 -4.47 2.06	32.70 -4.22 0.08	32.25 -4.24 0.08	35.07 -4.78 0.01	36.59 -4.80 0.00	38.48 -5.66 2.67	44.75 -6.29 0.55	49.17 -7.33 4.57	46.81 -6.44 2.30	40.54 -5.28 0.08	35.63 -4.45 0.00	33.72 -3.21 0.00
NM_ST_REGIS___HYD 24053	42.76 -0.98 -9.95	40.25 -1.02 -9.47	38.82 -0.99 -8.94	38.18 -0.90 -9.06	38.44 -0.91 -9.10	42.45 -0.97 -9.89	60.41 -1.76 -13.15	69.49 -1.58 -14.76	63.68 -1.64 -13.96	55.33 -1.28 -12.54	54.04 -1.12 -12.22	38.29 -1.06 0.00	37.47 -0.92 0.13	36.13 -0.85 0.02	35.57 -0.99 0.02	38.82 -1.04 0.00	40.48 -0.91 0.00	45.41 -0.98 0.42	50.47 -1.03 0.09	59.44 -0.92 0.71	54.45 -0.72 0.39	45.29 -0.60 0.02	39.52 -0.56 0.00	36.41 -0.52 0.00
NORTHPORT___1 23551	35.98 2.19 0.00	34.05 2.26 0.00	32.93 2.07 0.00	32.06 2.04 0.00	32.24 2.00 0.00	36.01 2.48 0.00	52.99 3.97 0.00	59.90 5.01 1.42	54.35 3.75 0.75	47.32 3.35 0.09	46.03 3.13 0.03	42.35 2.99 0.00	40.99 2.74 0.27	39.60 2.63 0.03	39.32 2.78 0.03	42.97 3.11 0.00	44.49 3.11 0.00	49.19 3.23 0.85	54.50 3.10 0.18	63.34 3.73 1.46	57.65 2.89 0.79	48.58 2.71 0.03	42.28 2.20 0.00	38.66 1.74 0.00
NORTHPORT___2 23552	35.98 2.19 0.00	34.05 2.26 0.00	32.93 2.07 0.00	32.06 2.04 0.00	32.24 2.00 0.00	36.01 2.48 0.00	52.99 3.97 0.00	59.90 5.01 1.42	54.35 3.75 0.75	47.32 3.35 0.09	46.03 3.13 0.03	42.35 2.99 0.00	40.99 2.74 0.27	39.60 2.63 0.03	39.32 2.78 0.03	42.97 3.11 0.00	44.49 3.11 0.00	49.19 3.23 0.85	54.50 3.10 0.18	63.34 3.73 1.46	57.65 2.89 0.79	48.58 2.71 0.03	42.28 2.20 0.00	38.66 1.74 0.00
NORTHPORT___3 23553	35.68 1.89 0.00	33.73 1.94 0.00	32.62 1.76 0.00	31.73 1.71 0.00	31.91 1.66 0.00	35.58 2.05 0.00	52.07 3.04 0.00	58.72 3.83 1.42	53.43 2.82 0.75	47.05 3.08 0.09	45.77 2.88 0.03	42.11 2.75 0.00	40.80 2.54 0.27	39.41 2.44 0.03	39.14 2.60 0.03	42.73 2.87 0.00	44.33 2.94 0.00	48.63 2.67 0.85	53.68 2.27 0.18	62.42 2.81 1.46	56.93 2.16 0.79	48.21 2.34 0.03	42.20 2.12 0.00	38.52 1.59 0.00
NORTHPORT___4 23650	35.68 1.89 0.00	33.73 1.94 0.00	32.62 1.76 0.00	31.73 1.71 0.00	31.91 1.66 0.00	35.58 2.05 0.00	52.07 3.04 0.00	58.72 3.83 1.42	53.43 2.82 0.75	47.05 3.08 0.09	45.77 2.88 0.03	42.11 2.75 0.00	40.80 2.54 0.27	39.41 2.44 0.03	39.14 2.60 0.03	42.73 2.87 0.00	44.33 2.94 0.00	48.63 2.67 0.85	53.68 2.27 0.18	62.42 2.81 1.46	56.93 2.16 0.79	48.21 2.34 0.03	42.20 2.12 0.00	38.52 1.59 0.00
NORTHPORT___IC 23718	35.98 2.20 0.00	34.05 2.26 0.00	32.99 2.13 0.00	32.00 1.98 0.00	32.18 1.94 0.00	35.98 2.45 0.00	52.90 3.87 0.00	59.90 5.01 1.42	54.30 3.70 0.75	47.23 3.26 0.09	45.95 3.05 0.03	42.27 2.91 0.00	40.92 2.66 0.27	39.56 2.59 0.03	39.25 2.71 0.03	42.88 3.03 0.00	44.41 3.02 0.00	49.14 3.18 0.85	54.35 2.94 0.18	63.15 3.54 1.46	57.71 2.94 0.79	48.49 2.62 0.03	42.44 2.36 0.00	38.66 1.74 0.00
NORTH___COUNTRY_ESR 323785	-8.39 -1.28 40.89	-8.42 -1.27 38.94	-8.36 -1.24 37.99	-8.37 -1.17 37.22	-8.34 -1.18 37.41	-8.41 -1.31 40.64	-9.07 -2.21 55.89	-9.87 -2.20 63.99	-9.92 -2.11 59.17	-9.43 -1.72 51.77	-8.93 -1.54 50.31	37.94 -1.42 0.00	37.29 -1.15 0.09	36.03 -0.96 0.01	35.43 -1.13 0.01	38.74 -1.12 0.00	40.52 -0.87 0.00	45.55 -0.99 0.27	50.40 -1.14 0.06	59.50 -1.10 0.47	54.58 -0.72 0.25	45.39 -0.50 0.01	39.56 -0.52 0.00	36.49 -0.44 0.00
NPX_GEN_1385_PROXY 323591	35.98 2.19 0.00	34.05 2.26 0.00	32.93 2.07 0.00	32.06 2.04 0.00	32.24 2.00 0.00	36.35 2.82 0.00	52.99 3.97 0.00	62.56 4.28 -1.97	50.86 3.65 4.15	47.18 3.21 0.09	45.77 2.88 0.03	42.11 2.75 0.00	40.76 2.50 0.27	39.37 2.40 0.03	39.10 2.56 0.03	42.73 2.87 0.00	43.91 2.52 0.00	48.58 2.62 0.85	53.83 2.43 0.18	61.20 2.38 2.25	55.09 1.67 2.13	47.30 1.70 0.30	41.40 1.32 0.00	38.30 1.37 0.00
NPX_GEN_CSC 323557	35.92 2.13 0.00	34.27 2.48 0.00	33.05 2.19 0.00	32.27 2.25 0.00	32.42 2.18 0.00	36.22 2.68 0.00	53.68 4.66 0.00	64.37 6.08 -1.97	50.65 3.44 4.15	46.79 2.82 0.09	45.39 2.49 0.03	41.80 2.44 0.00	40.26 2.00 0.27	38.89 1.92 0.03	38.66 2.12 0.03	42.44 2.59 0.00	44.04 2.65 0.00	48.67 2.71 0.85	53.83 2.43 0.18	63.09 3.48 1.46	56.99 2.22 0.79	48.07 2.20 0.03	41.72 1.64 0.00	38.07 1.15 0.00
NSINS_S_GLNS_FALLS 23858	34.94 1.15 0.00	32.90 1.11 0.00	31.88 1.02 0.00	31.01 0.99 0.00	31.24 1.00 0.00	34.74 1.21 0.00	51.48 2.45 0.00	57.40 2.48 1.39	52.98 2.36 0.74	45.87 1.89 0.09	44.53 1.63 0.03	40.77 1.42 0.00	39.54 1.27 0.27	38.01 1.04 0.03	37.71 1.17 0.03	41.29 1.43 0.00	42.75 1.37 0.00	47.80 1.83 0.84	53.32 1.91 0.18	62.08 2.44 1.43	56.84 2.06 0.77	47.52 1.65 0.03	41.40 1.32 0.00	37.89 0.96 0.00
NUCOR_STEEL___DRP 24197	33.52 -0.27 0.00	31.47 -0.32 0.00	30.55 -0.31 0.00	29.69 -0.33 0.00	29.94 -0.30 0.00	33.30 -0.23 0.00	48.53 -0.49 0.00	53.72 -0.45 2.15	49.82 -0.41 1.13	43.52 -0.40 0.14	42.60 -0.43 -0.09	39.12 -0.39 -0.16	37.90 -0.42 0.21	36.61 -0.33 0.05	36.19 -0.33 0.05	39.49 -0.36 0.01	41.10 -0.29 0.00	45.19 -0.33 1.29	50.95 -0.36 0.28	58.63 -0.24 2.20	54.12 -0.17 1.27	45.66 -0.18 0.05	39.84 -0.24 0.00	36.89 -0.04 0.00
NUMBER_THREE_WT_PWR 323818	35.40 -0.20 -1.81	33.26 -0.26 -1.73	32.24 -0.21 -1.59	31.46 -0.21 -1.65	31.69 -0.21 -1.66	35.20 -0.13 -1.80	51.17 -0.20 -2.34	57.43 -0.06 -1.17	52.80 -0.31 -1.74	45.99 -0.26 -2.19	44.78 -0.34 -2.19	38.93 -0.43 0.00	37.71 -0.50 0.31	36.48 -0.48 0.04	35.99 -0.55 0.04	39.42 -0.44 0.00	41.10 -0.29 0.00	45.73 -0.09 0.99	51.54 0.16 0.21	60.00 0.61 1.68	55.36 0.72 0.91	46.23 0.37 0.04	40.24 0.16 0.00	37.08 0.15 0.00
NYISO_LBMP_REFERENCE 24008	33.79 0.00 0.00	31.79 0.00 0.00	30.86 0.00 0.00	30.02 0.00 0.00	30.24 0.00 0.00	33.53 0.00 0.00	49.03 0.00 0.00	56.31 0.00 0.00	51.36 0.00 0.00	44.06 0.00 0.00	42.93 0.00 0.00	39.36 0.00 0.00	38.53 0.00 0.00	37.00 0.00 0.00	36.57 0.00 0.00	39.86 0.00 0.00	41.39 0.00 0.00	46.81 0.00 0.00	51.59 0.00 0.00	61.07 0.00 0.00	55.55 0.00 0.00	45.90 0.00 0.00	40.08 0.00 0.00	36.93 0.00 0.00

OAK ORCHARD___HYD 24046	31.90 -1.89 0.00	29.91 -1.88 0.00	29.17 -1.70 0.00	28.31 -1.71 0.00	28.55 -1.69 0.00	31.75 -1.78 0.00	46.13 -2.89 0.00	49.00 -2.93 4.38	46.41 -2.57 2.39	41.49 -2.29 0.28	40.39 -2.19 0.35	37.08 -2.01 0.27	35.32 -2.01 1.21	35.10 -1.81 0.08	34.62 -1.86 0.08	37.77 -2.07 0.01	39.28 -2.11 0.00	41.80 -2.39 2.63	48.47 -2.58 0.54	53.71 -2.87 4.49	50.74 -2.50 2.31	43.70 -2.11 0.08	38.16 -1.92 0.00	35.53 -1.40 0.00
OAKDALE___35_KV_LOAD 356122	33.25 -0.54 0.00	31.28 -0.51 0.00	30.37 -0.49 0.00	29.54 -0.48 0.00	29.79 -0.45 0.00	33.06 -0.47 0.00	48.44 -0.59 0.00	52.36 -0.84 3.11	49.05 -0.82 1.49	43.18 -0.70 0.18	42.08 -0.69 0.16	38.62 -0.63 0.11	37.20 -0.66 0.67	36.28 -0.67 0.06	35.93 -0.59 0.06	39.25 -0.60 0.01	40.85 -0.54 0.00	44.20 -0.75 1.86	50.38 -0.83 0.38	57.03 -0.85 3.18	53.18 -0.78 1.59	45.20 -0.64 0.06	39.60 -0.48 0.00	36.67 -0.26 0.00
OCC_CHEM___DRP 24175	30.11 -3.68 0.00	28.26 -3.53 0.00	27.53 -3.33 0.00	26.78 -3.24 0.00	27.07 -3.18 0.00	30.05 -3.49 0.00	43.39 -5.64 0.00	45.32 -6.53 4.46	43.07 -5.86 2.44	38.80 -4.98 0.28	37.16 -4.81 0.96	34.01 -4.41 0.94	32.12 -4.35 2.06	32.81 -4.11 0.08	32.36 -4.13 0.08	35.19 -4.66 0.01	36.67 -4.72 0.00	38.57 -5.57 2.67	44.90 -6.14 0.55	49.36 -7.15 4.57	46.98 -6.28 2.30	40.68 -5.14 0.08	35.75 -4.33 0.00	33.83 -3.10 0.00
OH_GEN_PROXY 24063	30.44 -3.35 0.00	28.58 -3.21 0.00	27.90 -2.96 0.00	27.11 -2.91 0.00	27.31 -2.93 0.00	30.35 -3.19 0.00	43.93 -5.10 0.00	49.34 -5.91 1.06	40.19 -5.34 5.83	39.20 -4.58 0.28	37.60 -4.42 0.91	34.50 -3.97 0.88	32.50 -4.05 1.99	33.07 -3.85 0.08	32.69 -3.80 0.08	35.58 -4.26 0.01	37.08 -4.31 0.00	39.04 -5.10 2.67	45.37 -5.67 0.55	49.97 -6.53 4.56	47.48 -5.78 2.30	41.09 -4.73 0.08	36.35 -3.73 0.00	34.12 -2.81 0.00
OLIN_CORP_DRP 24177	30.04 -3.75 0.00	28.16 -3.62 0.00	27.44 -3.43 0.00	26.69 -3.33 0.00	26.98 -3.27 0.00	29.98 -3.55 0.00	43.29 -5.74 0.00	45.16 -6.70 4.46	42.91 -6.01 2.44	38.67 -5.11 0.28	37.04 -4.94 0.95	33.90 -4.53 0.93	31.94 -4.55 2.04	32.66 -4.26 0.08	32.29 -4.21 0.08	35.11 -4.74 0.01	36.63 -4.76 0.00	38.48 -5.66 2.67	44.80 -6.24 0.55	49.24 -7.27 4.56	46.87 -6.39 2.29	40.59 -5.23 0.08	35.71 -4.37 0.00	33.75 -3.18 0.00
OLIN_CORP_DSASP 323712	30.11 -3.68 0.00	28.26 -3.53 0.00	27.59 -3.27 0.00	26.81 -3.21 0.00	27.04 -3.21 0.00	30.04 -3.49 0.00	43.39 -5.64 0.00	45.38 -6.47 4.46	43.07 -5.86 2.44	38.80 -4.98 0.28	37.16 -4.81 0.96	34.13 -4.29 0.94	32.08 -4.39 2.06	32.78 -4.14 0.08	32.36 -4.13 0.08	35.23 -4.62 0.01	36.67 -4.72 0.00	38.62 -5.52 2.67	44.85 -6.19 0.55	49.36 -7.14 4.57	46.92 -6.33 2.30	40.63 -5.19 0.08	35.99 -4.09 0.00	33.83 -3.10 0.00
ONEIDA_HERK_LFGE 323681	34.99 0.34 -0.86	32.87 0.25 -0.82	31.90 0.28 -0.76	31.08 0.27 -0.79	31.31 0.27 -0.79	34.76 0.37 -0.86	50.78 0.64 -1.12	56.65 0.79 0.46	52.27 0.62 -0.29	45.57 0.53 -0.98	44.43 0.47 -1.02	39.67 0.31 0.00	38.46 0.27 0.34	37.18 0.22 0.04	36.75 0.22 0.04	40.21 0.36 0.00	41.84 0.46 0.00	46.39 0.66 1.08	52.24 0.88 0.23	60.51 1.28 1.84	55.78 1.22 1.00	46.73 0.87 0.04	40.76 0.68 0.00	37.52 0.59 0.00
ONEIDA___115KV_TB4 55905	34.40 0.61 0.00	32.30 0.51 0.00	31.39 0.52 0.00	30.53 0.51 0.00	30.76 0.51 0.00	34.17 0.64 0.00	50.01 0.98 0.00	55.21 1.13 2.23	51.20 1.03 1.19	44.80 0.88 0.14	43.70 0.82 0.05	39.99 0.63 0.00	38.68 0.58 0.43	37.47 0.52 0.05	37.04 0.51 0.05	40.53 0.68 0.01	42.22 0.83 0.00	46.45 0.98 1.34	52.49 1.19 0.28	60.43 1.65 2.29	55.87 1.56 1.24	47.00 1.15 0.05	41.00 0.92 0.00	37.81 0.89 0.00
ONONDAGA_REF_OCCRA 23987	33.35 -0.44 0.00	31.31 -0.48 0.00	30.43 -0.43 0.00	29.57 -0.45 0.00	29.82 -0.42 0.00	33.13 -0.40 0.00	48.34 -0.69 0.00	53.00 -0.79 2.53	49.36 -0.67 1.33	43.32 -0.57 0.17	42.37 -0.60 -0.04	38.92 -0.55 -0.11	37.65 -0.54 0.34	36.42 -0.52 0.06	36.04 -0.48 0.06	39.33 -0.52 0.01	40.89 -0.50 0.00	44.68 -0.61 1.52	50.65 -0.62 0.32	57.87 -0.61 2.59	53.54 -0.56 1.46	45.29 -0.55 0.06	39.56 -0.52 0.00	36.60 -0.33 0.00
ONONDAGA___COGEN 23986	33.42 -0.37 0.00	31.41 -0.38 0.00	30.49 -0.37 0.00	29.63 -0.39 0.00	29.88 -0.36 0.00	33.20 -0.34 0.00	48.39 -0.64 0.00	53.31 -0.62 2.38	49.53 -0.56 1.26	43.42 -0.48 0.15	42.40 -0.47 0.05	38.92 -0.43 0.00	37.65 -0.42 0.46	36.58 -0.37 0.05	36.15 -0.37 0.05	39.45 -0.40 0.01	41.02 -0.37 0.00	44.91 -0.47 1.43	50.82 -0.46 0.30	58.14 -0.49 2.44	53.79 -0.44 1.32	45.43 -0.41 0.05	39.68 -0.40 0.00	36.71 -0.22 0.00
ONTARIO___LFGE 23819	32.88 -0.91 0.00	30.84 -0.95 0.00	30.00 -0.86 0.00	29.12 -0.90 0.00	29.40 -0.85 0.00	32.73 -0.81 0.00	47.95 -1.08 0.00	50.81 -1.24 4.27	47.83 -1.13 2.40	42.70 -1.10 0.26	41.51 -1.12 0.31	38.07 -1.06 0.23	36.25 -1.12 1.17	35.89 -1.04 0.07	35.52 -0.99 0.07	38.81 -1.04 0.01	40.56 -0.83 0.00	43.27 -0.99 2.55	50.14 -0.93 0.52	55.60 -1.10 4.37	52.61 -0.83 2.12	45.05 -0.78 0.07	39.48 -0.60 0.00	36.56 -0.37 0.00
ORANGEVILLE_WT_PWR 323706	30.31 -3.48 0.00	28.45 -3.34 0.00	27.71 -3.15 0.00	26.93 -3.09 0.00	27.16 -3.09 0.00	30.28 -3.25 0.00	44.02 -5.00 0.00	45.80 -5.86 4.65	43.39 -5.29 2.69	39.14 -4.63 0.29	33.92 -4.72 4.29	30.45 -4.33 4.58	27.59 -4.28 6.66	32.89 -4.03 0.07	32.62 -3.88 0.07	35.70 -4.15 0.01	37.41 -3.97 0.00	39.49 -4.54 2.78	46.13 -4.90 0.56	50.63 -5.68 4.76	48.05 -5.22 2.28	41.42 -4.41 0.07	36.55 -3.53 0.00	34.09 -2.84 0.00
ORANGEVILLE___ESR 323794	30.31 -3.48 0.00	28.45 -3.34 0.00	27.71 -3.15 0.00	26.93 -3.09 0.00	27.16 -3.09 0.00	30.28 -3.25 0.00	44.02 -5.00 0.00	45.80 -5.86 4.65	43.39 -5.29 2.69	39.14 -4.63 0.29	33.92 -4.72 4.29	30.45 -4.33 4.58	27.59 -4.28 6.66	32.89 -4.03 0.07	32.62 -3.88 0.07	35.70 -4.15 0.01	37.41 -3.97 0.00	39.49 -4.54 2.78	46.13 -4.90 0.56	50.63 -5.68 4.76	48.05 -5.22 2.28	41.42 -4.41 0.07	36.55 -3.53 0.00	34.09 -2.84 0.00
OSWEGATCHIE___HYD 24044	36.97 -0.88 -4.06	34.77 -0.89 -3.87	33.60 -0.83 -3.57	32.91 -0.81 -3.70	33.15 -0.82 -3.72	36.74 -0.84 -4.04	52.90 -1.37 -5.25	60.17 -1.29 -5.15	55.22 -1.38 -5.24	47.98 -1.15 -5.07	46.79 -1.12 -4.97	38.26 -1.10 0.00	37.23 -1.08 0.22	35.90 -1.07 0.03	35.41 -1.13 0.03	38.70 -1.16 0.00	40.35 -1.03 0.00	45.09 -1.03 0.70	50.51 -0.93 0.15	59.21 -0.67 1.19	54.41 -0.50 0.64	45.33 -0.55 0.03	39.48 -0.60 0.00	36.38 -0.55 0.00
OSWEGO___5 23606	32.91 -0.88 0.00	30.93 -0.86 0.00	30.06 -0.80 0.00	29.21 -0.81 0.00	29.46 -0.79 0.00	32.70 -0.84 0.00	47.60 -1.42 0.00	56.43 -1.52 -1.63	50.84 -1.38 -0.86	42.98 -1.19 -0.10	41.77 -1.20 -0.04	38.26 -1.10 0.00	37.77 -1.08 -0.31	36.00 -1.04 -0.04	35.58 -1.02 -0.04	38.75 -1.12 0.00	40.27 -1.12 0.00	46.53 -1.26 -0.98	50.40 -1.39 -0.20	61.15 -1.59 -1.67	55.01 -1.44 -0.90	44.74 -1.19 -0.04	39.04 -1.04 0.00	36.08 -0.85 0.00

OSWEGO___6 23613	32.91 -0.88 0.00	30.93 -0.86 0.00	30.06 -0.80 0.00	29.21 -0.81 0.00	29.46 -0.79 0.00	32.70 -0.84 0.00	47.60 -1.42 0.00	56.43 -1.52 -1.63	50.84 -1.38 -0.86	42.98 -1.19 -0.10	41.77 -1.20 -0.04	38.26 -1.10 0.00	37.77 -1.08 -0.31	36.00 -1.04 -0.04	35.58 -1.02 -0.04	38.75 -1.12 0.00	40.27 -1.12 0.00	46.53 -1.26 -0.98	50.40 -1.39 -0.20	61.15 -1.59 -1.67	55.01 -1.44 -0.90	44.74 -1.19 -0.04	39.04 -1.04 0.00	36.08 -0.85 0.00
OUTOKUMPU-AB___DRP 24206	30.61 -3.18 0.00	28.71 -3.08 0.00	27.96 -2.90 0.00	27.20 -2.82 0.00	27.49 -2.75 0.00	30.55 -2.98 0.00	44.27 -4.76 0.00	46.17 -5.69 4.46	44.14 -4.78 2.44	39.77 -4.01 0.28	38.22 -3.78 0.94	35.02 -3.42 0.91	33.04 -3.47 2.03	33.63 -3.29 0.08	33.24 -3.25 0.08	35.98 -3.87 0.01	37.58 -3.81 0.00	39.37 -4.77 2.67	45.78 -5.26 0.55	50.46 -6.05 4.56	47.88 -5.39 2.29	41.50 -4.31 0.08	36.55 -3.53 0.00	34.56 -2.36 0.00
OXBOW___BTM 323836	30.31 -3.48 0.00	28.42 -3.37 0.00	27.78 -3.09 0.00	26.96 -3.06 0.00	27.19 -3.05 0.00	30.25 -3.28 0.00	43.73 -5.30 0.00	45.72 -6.14 4.46	44.08 -4.83 2.45	39.73 -4.05 0.28	38.17 -3.82 0.94	35.06 -3.38 0.91	33.00 -3.51 2.03	33.55 -3.37 0.08	33.16 -3.33 0.08	35.54 -4.31 0.01	37.08 -4.31 0.00	38.94 -5.20 2.67	45.27 -5.78 0.55	49.85 -6.65 4.57	47.37 -5.89 2.29	41.00 -4.82 0.08	36.35 -3.73 0.00	34.12 -2.81 0.00
OXBOW____ 24026	30.31 -3.48 0.00	28.42 -3.37 0.00	27.68 -3.18 0.00	26.93 -3.09 0.00	27.22 -3.02 0.00	30.25 -3.29 0.00	43.73 -5.29 0.00	45.66 -6.19 4.46	44.08 -4.83 2.45	39.73 -4.05 0.28	38.17 -3.82 0.94	34.98 -3.46 0.91	33.00 -3.51 2.03	33.59 -3.33 0.08	33.20 -3.29 0.08	35.54 -4.30 0.01	37.08 -4.30 0.00	38.95 -5.20 2.67	45.26 -5.78 0.55	49.85 -6.66 4.57	47.37 -5.89 2.29	41.05 -4.77 0.08	36.11 -3.97 0.00	34.12 -2.81 0.00
OXY_CHEM_DSASP 323612	30.11 -3.68 0.00	28.26 -3.53 0.00	27.53 -3.33 0.00	26.78 -3.24 0.00	27.07 -3.18 0.00	30.05 -3.49 0.00	43.39 -5.64 0.00	45.32 -6.53 4.46	43.07 -5.86 2.44	38.80 -4.98 0.28	37.16 -4.81 0.96	34.01 -4.41 0.94	32.12 -4.35 2.06	32.81 -4.11 0.08	32.36 -4.13 0.08	35.19 -4.66 0.01	36.67 -4.72 0.00	38.57 -5.57 2.67	44.90 -6.14 0.55	49.36 -7.15 4.57	46.98 -6.28 2.30	40.68 -5.14 0.08	35.75 -4.33 0.00	33.83 -3.10 0.00
OZONE_PARK_ESR 323760	35.82 2.03 0.00	33.79 2.00 0.00	32.71 1.85 0.00	31.82 1.80 0.00	32.00 1.75 0.00	35.48 1.94 0.00	52.70 3.68 0.00	59.34 4.45 1.42	54.41 3.80 0.75	47.32 3.35 0.09	46.12 3.22 0.03	42.39 3.03 0.00	41.23 2.97 0.27	39.78 2.81 0.03	39.43 2.89 0.03	43.00 3.15 0.00	44.53 3.15 0.00	49.42 3.46 0.85	54.92 3.51 0.18	63.76 4.15 1.46	58.32 3.56 0.79	48.90 3.03 0.03	42.60 2.52 0.00	38.89 1.96 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	30.11 -3.68 0.00	28.26 -3.53 0.00	27.53 -3.33 0.00	26.78 -3.24 0.00	27.07 -3.18 0.00	30.05 -3.49 0.00	43.39 -5.64 0.00	45.32 -6.53 4.46	43.07 -5.86 2.44	38.80 -4.98 0.28	37.16 -4.81 0.96	34.01 -4.41 0.94	32.12 -4.35 2.06	32.81 -4.11 0.08	32.36 -4.13 0.08	35.19 -4.66 0.01	36.67 -4.72 0.00	38.57 -5.57 2.67	44.90 -6.14 0.55	49.36 -7.15 4.57	46.98 -6.28 2.30	40.68 -5.14 0.08	35.75 -4.33 0.00	33.83 -3.10 0.00
PACKARD__115KV_DUPONT_184 80571	30.11 -3.68 0.00	28.26 -3.53 0.00	27.53 -3.33 0.00	26.78 -3.24 0.00	27.07 -3.18 0.00	30.05 -3.49 0.00	43.39 -5.64 0.00	45.32 -6.53 4.46	43.07 -5.86 2.44	38.80 -4.98 0.28	37.16 -4.81 0.96	34.01 -4.41 0.94	32.12 -4.35 2.06	32.81 -4.11 0.08	32.36 -4.13 0.08	35.19 -4.66 0.01	36.67 -4.72 0.00	38.57 -5.57 2.67	44.90 -6.14 0.55	49.36 -7.15 4.57	46.98 -6.28 2.30	40.68 -5.14 0.08	35.75 -4.33 0.00	33.83 -3.10 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.65 1.86 -0.01	33.70 1.91 -0.01	32.63 1.76 -0.01	31.71 1.68 -0.01	31.95 1.69 -0.01	35.32 1.78 -0.01	52.40 3.38 0.01	59.00 4.11 1.42	54.04 3.44 0.76	47.00 3.04 0.10	45.81 2.92 0.04	42.14 2.79 0.01	40.95 2.70 0.28	39.51 2.55 0.04	39.17 2.63 0.04	42.72 2.87 0.01	44.28 2.90 0.01	49.09 3.14 0.86	54.55 3.15 0.19	63.22 3.60 1.46	57.88 3.11 0.79	48.57 2.71 0.04	42.37 2.28 -0.01	38.67 1.74 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.86 2.06 -0.01	33.86 2.07 -0.01	32.82 1.94 -0.01	31.89 1.86 -0.01	32.10 1.84 -0.01	35.49 1.94 -0.01	52.64 3.63 0.01	59.23 4.34 1.42	54.30 3.70 0.76	47.18 3.22 0.10	45.94 3.05 0.04	42.26 2.91 0.01	41.06 2.81 0.28	39.63 2.66 0.04	39.24 2.71 0.04	42.84 2.99 0.01	44.48 3.10 0.01	49.23 3.28 0.86	54.75 3.35 0.19	63.46 3.85 1.46	58.10 3.33 0.79	48.75 2.89 0.04	42.57 2.48 -0.01	38.86 1.92 -0.01
PATROON__115KV_TB1 80586	34.97 1.18 0.00	33.03 1.24 0.00	32.00 1.14 0.00	31.13 1.11 0.00	31.36 1.12 0.00	34.84 1.31 0.00	51.13 2.11 0.00	57.13 2.20 1.38	52.74 2.11 0.73	45.73 1.76 0.09	44.53 1.63 0.03	40.85 1.50 0.00	39.65 1.39 0.26	38.27 1.30 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.79 1.41 0.00	47.58 1.59 0.83	53.01 1.60 0.17	61.55 1.89 1.41	56.34 1.56 0.77	47.16 1.29 0.03	41.20 1.12 0.00	37.81 0.89 0.00
PATTRSNVILLE__SOLAR 323815	35.07 1.28 0.00	33.00 1.21 0.00	32.01 1.14 0.00	31.13 1.11 0.00	31.36 1.12 0.00	35.08 1.54 0.00	51.57 2.55 0.00	57.46 2.59 1.44	52.85 2.26 0.77	45.60 1.63 0.09	44.27 1.37 0.03	40.54 1.18 0.00	39.41 1.15 0.28	38.04 1.07 0.03	37.64 1.10 0.03	41.21 1.36 0.00	42.84 1.45 0.00	48.00 2.06 0.87	53.47 2.07 0.18	62.10 2.50 1.48	56.98 2.22 0.80	47.66 1.79 0.03	41.56 1.48 0.00	38.15 1.22 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	30.98 -2.80 0.00	29.09 -2.70 0.00	28.33 -2.53 0.00	27.56 -2.46 0.00	27.85 -2.39 0.00	30.95 -2.58 0.00	45.15 -3.87 0.00	46.06 -5.80 4.46	43.95 -4.98 2.43	39.73 -4.05 0.27	38.48 -3.61 0.84	35.28 -3.27 0.81	33.20 -3.43 1.90	33.33 -3.59 0.08	33.35 -3.15 0.08	36.46 -3.39 0.01	38.20 -3.19 0.00	39.27 -4.87 2.67	45.37 -5.67 0.54	50.15 -6.35 4.56	47.40 -5.89 2.27	41.46 -4.36 0.08	37.19 -2.89 0.00	35.08 -1.85 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	35.75 1.96 0.00	33.66 1.88 0.00	32.59 1.73 0.00	31.67 1.65 0.00	31.91 1.66 0.00	35.41 1.88 0.00	52.51 3.48 0.00	58.89 4.00 1.42	54.20 3.60 0.75	47.01 3.04 0.09	45.82 2.92 0.03	42.03 2.68 0.00	40.84 2.58 0.27	39.41 2.44 0.03	39.10 2.56 0.03	42.64 2.79 0.00	44.20 2.81 0.00	49.05 3.09 0.85	54.66 3.25 0.18	63.52 3.91 1.46	58.10 3.33 0.79	48.58 2.71 0.03	42.40 2.32 0.00	38.70 1.77 0.00
PEEKSKILL____ 23653	35.24 1.45 0.00	33.25 1.46 0.00	32.22 1.36 0.00	31.34 1.32 0.00	31.54 1.30 0.00	34.94 1.41 0.00	51.77 2.74 0.00	58.15 3.26 1.43	53.38 2.77 0.76	46.35 2.38 0.09	45.17 2.27 0.03	41.48 2.12 0.00	40.34 2.08 0.27	38.93 1.96 0.03	38.59 2.05 0.03	42.09 2.23 0.00	43.58 2.19 0.00	48.34 2.39 0.86	53.88 2.48 1.46	62.60 2.99 1.46	57.27 2.50 0.79	47.94 2.07 0.03	41.80 1.72 0.00	38.22 1.29 0.00

PGE MADISON___WINDPWR 24146	34.84 1.05 0.00	32.68 0.89 0.00	31.79 0.93 0.00	30.89 0.87 0.00	31.12 0.88 0.00	34.67 1.14 0.00	50.94 1.91 0.00	57.38 2.25 1.19	52.67 1.80 0.49	45.51 1.54 0.09	44.93 1.29 -0.71	41.22 1.06 -0.80	40.34 0.96 -0.84	37.83 0.89 0.05	37.51 0.99 0.05	41.25 1.39 0.01	43.29 1.90 0.00	48.57 2.48 0.73	54.56 3.15 0.17	64.37 4.52 1.22	58.81 4.22 0.97	49.01 3.16 0.05	42.76 2.69 0.00	39.37 2.44 0.00
PIERCEFIELD___HYD 23852	38.75 -0.98 -5.94	36.46 -0.99 -5.66	35.13 -0.96 -5.22	34.53 -0.90 -5.41	34.80 -0.88 -5.44	38.47 -0.97 -5.91	54.99 -1.72 -7.68	63.23 -1.58 -8.49	57.89 -1.64 -8.17	50.26 -1.28 -7.47	49.11 -1.12 -7.30	38.26 -1.10 0.00	37.39 -1.00 0.14	36.02 -0.96 0.02	35.50 -1.06 0.02	38.70 -1.16 0.00	40.35 -1.03 0.00	45.25 -1.12 0.44	50.36 -1.13 0.09	59.21 -1.10 0.76	54.26 -0.89 0.41	45.10 -0.78 0.02	39.40 -0.68 0.00	36.30 -0.63 0.00
PINELAWN_CC_1 323563	35.98 2.19 0.00	34.05 2.26 0.00	32.93 2.07 0.00	32.03 2.01 0.00	32.21 1.96 0.00	35.95 2.42 0.00	52.95 3.92 0.00	60.02 5.12 1.42	54.41 3.80 0.75	47.41 3.44 0.09	46.12 3.22 0.03	42.43 3.07 0.00	41.07 2.81 0.27	39.67 2.70 0.03	39.40 2.85 0.03	43.04 3.19 0.00	44.66 3.27 0.00	49.37 3.42 0.85	54.71 3.30 0.18	63.70 4.09 1.46	57.99 3.22 0.79	48.85 2.98 0.03	42.52 2.45 0.00	38.81 1.88 0.00
PJM_GEN_HTP_PROXY 323702	35.54 1.76 0.00	33.54 1.75 0.00	32.47 1.60 0.00	31.61 1.59 0.00	31.79 1.54 0.00	35.24 1.71 0.00	52.31 3.29 0.00	62.28 4.00 -1.97	50.55 3.34 4.15	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.71 0.00	40.88 2.62 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.20 2.82 0.00	49.00 3.04 0.85	54.45 3.04 0.18	63.21 3.60 1.46	57.82 3.05 0.79	48.44 2.57 0.03	42.20 2.12 0.00	38.55 1.62 0.00
PJM_GEN_KEystone 24065	32.88 -0.68 0.23	31.22 -0.57 0.00	30.31 -0.55 0.00	29.48 -0.54 0.00	29.70 -0.54 0.00	32.93 -0.60 0.00	48.49 -0.54 0.00	56.14 -0.79 -0.61	45.60 -0.87 4.89	39.00 -0.75 4.31	38.30 -0.69 3.94	38.55 -0.59 0.22	37.06 -0.66 0.82	36.25 -0.70 0.05	35.90 -0.62 0.05	38.07 -0.64 1.15	38.84 -0.58 1.97	44.16 -0.99 1.67	50.06 -1.18 0.34	57.00 -1.22 2.85	52.95 -1.17 1.43	44.88 -0.97 0.05	39.48 -0.60 0.00	36.45 -0.48 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.65 1.86 0.00	33.70 1.91 0.00	32.59 1.73 0.00	31.73 1.71 0.00	31.91 1.66 0.00	35.51 1.98 0.00	52.36 3.34 0.00	62.62 4.34 -1.97	50.45 3.24 4.15	46.97 3.00 0.09	45.73 2.83 0.03	42.07 2.71 0.00	40.80 2.54 0.27	39.37 2.40 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.24 2.85 0.00	48.91 2.95 0.85	54.24 2.84 0.18	63.03 3.42 1.46	57.49 2.72 0.79	48.39 2.52 0.03	42.16 2.08 0.00	38.52 1.59 0.00
PJM_GEN_VFT_PROXY 323633	35.38 1.59 0.00	33.35 1.56 0.00	32.31 1.45 0.00	31.43 1.41 0.00	31.64 1.39 0.00	35.04 1.51 0.00	52.07 3.04 0.00	61.94 3.66 -1.97	50.29 3.08 4.15	46.75 2.78 0.09	45.56 2.66 0.03	41.88 2.52 0.00	40.73 2.47 0.27	39.30 2.33 0.03	38.95 2.41 0.03	42.53 2.67 0.00	44.00 2.61 0.00	48.77 2.81 0.85	54.19 2.78 0.18	58.82 3.30 5.54	55.49 2.78 2.84	48.25 2.39 0.03	42.04 1.96 0.00	38.37 1.44 0.00
PLATSBURG_115KV_PMLD1 355749	-6.39 -1.52 38.66	-6.49 -1.46 36.82	-6.48 -1.42 35.92	-6.52 -1.35 35.19	-6.49 -1.36 35.37	-6.40 -1.51 38.42	-6.22 -2.40 52.84	-6.27 -2.08 60.50	-6.49 -1.90 55.95	-6.47 -1.59 48.95	-6.27 -1.63 47.57	37.90 -1.46 0.00	37.29 -1.16 0.08	36.03 -0.96 0.01	35.39 -1.17 0.01	38.74 -1.12 0.00	40.60 -0.79 0.00	45.76 -0.80 0.26	50.71 -0.83 0.05	60.08 -0.55 0.44	55.09 -0.22 0.24	45.80 -0.09 0.01	39.88 -0.20 0.00	36.74 -0.18 0.00
PLEASANTVLY___LBMP 24000	35.27 1.49 0.00	33.25 1.46 0.00	32.25 1.39 0.00	31.34 1.32 0.00	31.54 1.30 0.00	34.97 1.44 0.00	51.67 2.65 0.00	57.99 3.10 1.42	53.28 2.67 0.75	46.26 2.29 0.09	45.09 2.19 0.03	41.40 2.05 0.00	40.26 2.00 0.27	38.86 1.89 0.03	38.48 1.94 0.03	42.01 2.15 0.00	43.46 2.07 0.00	48.21 2.25 0.85	53.73 2.32 0.18	62.37 2.75 1.45	57.10 2.33 0.79	47.80 1.93 0.03	41.72 1.64 0.00	38.18 1.26 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.48 1.69 0.00	33.47 1.68 0.00	32.44 1.57 0.00	31.52 1.50 0.00	31.73 1.48 0.00	35.18 1.64 0.00	52.06 3.04 0.00	58.61 3.72 1.42	53.74 3.13 0.75	46.70 2.73 0.09	45.52 2.62 0.03	41.84 2.48 0.00	40.65 2.39 0.27	39.23 2.26 0.03	38.88 2.34 0.03	42.41 2.55 0.00	43.91 2.52 0.00	48.72 2.76 0.85	54.25 2.84 0.18	62.97 3.36 1.46	57.60 2.83 0.79	48.26 2.39 0.03	42.08 2.00 0.00	38.44 1.51 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.48 1.69 0.00	33.47 1.68 0.00	32.44 1.57 0.00	31.52 1.50 0.00	31.73 1.48 0.00	35.18 1.64 0.00	52.06 3.04 0.00	58.61 3.72 1.42	53.74 3.13 0.75	46.70 2.73 0.09	45.52 2.62 0.03	41.84 2.48 0.00	40.65 2.39 0.27	39.23 2.26 0.03	38.88 2.34 0.03	42.41 2.55 0.00	43.91 2.52 0.00	48.72 2.76 0.85	54.25 2.84 0.18	62.97 3.36 1.46	57.60 2.83 0.79	48.26 2.39 0.03	42.08 2.00 0.00	38.44 1.51 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.38 1.59 0.00	33.38 1.59 0.00	32.31 1.45 0.00	31.43 1.41 0.00	31.63 1.39 0.00	35.11 1.58 0.00	51.92 2.89 0.00	58.22 3.32 1.42	53.48 2.88 0.75	46.44 2.47 0.09	45.22 2.32 0.03	41.52 2.16 0.00	40.38 2.12 0.27	38.97 2.00 0.03	38.59 2.05 0.03	42.13 2.27 0.00	43.62 2.23 0.00	48.44 2.48 0.85	53.99 2.58 0.18	62.73 3.11 1.45	57.43 2.67 0.79	48.07 2.20 0.03	41.92 1.84 0.00	38.37 1.44 0.00
POLETTI___ 23519	35.65 1.86 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.85 1.60 0.00	35.28 1.74 0.00	52.36 3.33 0.00	58.89 4.00 1.42	54.00 3.39 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.72 0.00	40.92 2.66 0.27	39.49 2.52 0.03	39.14 2.60 0.03	42.68 2.83 0.00	44.20 2.81 0.00	49.00 3.04 0.85	54.45 3.04 0.18	63.22 3.60 1.46	57.82 3.06 0.79	48.49 2.62 0.03	42.32 2.24 0.00	38.63 1.70 0.00
POMONA___ESR 323819	35.17 1.39 0.00	33.19 1.40 0.00	32.16 1.30 0.00	31.28 1.26 0.00	31.48 1.24 0.00	34.91 1.38 0.00	51.67 2.65 0.00	58.09 3.21 1.43	53.32 2.72 0.76	46.30 2.33 0.09	45.13 2.23 0.03	41.44 2.08 0.00	40.30 2.04 0.27	38.89 1.92 0.03	38.55 2.01 0.03	42.05 2.19 0.00	43.54 2.15 0.00	48.25 2.29 0.86	53.78 2.37 0.18	62.54 2.93 1.46	57.20 2.44 0.79	47.89 2.02 0.03	41.76 1.68 0.00	38.18 1.26 0.00
PORT_JEFF_3 23555	36.19 2.40 0.00	34.33 2.54 0.00	33.18 2.32 0.00	32.33 2.31 0.00	32.48 2.24 0.00	36.28 2.75 0.00	53.59 4.56 0.00	60.80 5.91 1.42	54.66 4.06 0.75	47.58 3.61 0.09	46.20 3.31 0.03	42.54 3.19 0.00	41.11 2.85 0.27	39.71 2.74 0.03	39.47 2.93 0.03	43.16 3.31 0.00	44.82 3.43 0.00	49.51 3.56 0.85	54.81 3.40 0.18	63.95 4.34 1.46	58.04 3.28 0.79	48.94 3.08 0.03	42.57 2.49 0.00	38.81 1.88 0.00

PORT_JEFF_4 23616	36.09 2.30 0.00	34.24 2.45 0.00	33.09 2.22 0.00	32.24 2.22 0.00	32.39 2.15 0.00	36.18 2.65 0.00	53.39 4.36 0.00	60.58 5.69 1.42	54.51 3.90 0.75	47.45 3.48 0.09	46.07 3.18 0.03	42.43 3.07 0.00	40.99 2.74 0.27	39.60 2.63 0.03	39.32 2.78 0.03	43.04 3.19 0.00	44.66 3.27 0.00	49.33 3.37 0.85	54.66 3.25 0.18	63.70 4.09 1.46	57.82 3.05 0.79	48.76 2.89 0.03	42.40 2.32 0.00	38.70 1.77 0.00
PORT_JEFF_IC 23713	36.15 2.37 0.00	34.30 2.51 0.00	33.24 2.38 0.00	32.27 2.25 0.00	32.42 2.18 0.00	36.25 2.72 0.00	53.44 4.41 0.00	60.75 5.86 1.42	54.66 4.06 0.75	47.45 3.48 0.09	46.12 3.22 0.03	42.47 3.11 0.00	41.03 2.77 0.27	39.63 2.66 0.03	39.36 2.82 0.03	43.08 3.23 0.00	44.70 3.31 0.00	49.47 3.51 0.85	54.66 3.25 0.18	63.70 4.09 1.46	58.15 3.39 0.79	48.81 2.94 0.03	42.64 2.57 0.00	38.77 1.85 0.00
PPL PILGRIM_ST_GT1 24216	36.22 2.43 0.00	34.30 2.51 0.00	33.15 2.28 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.25 2.71 0.00	53.44 4.41 0.00	60.58 5.69 1.42	54.82 4.21 0.75	47.71 3.74 0.09	46.37 3.48 0.03	42.66 3.31 0.00	41.30 3.04 0.27	39.89 2.92 0.03	39.61 3.07 0.03	43.28 3.43 0.00	44.90 3.52 0.00	49.66 3.70 0.85	55.02 3.61 0.18	64.07 4.46 1.46	58.27 3.50 0.79	49.08 3.21 0.03	42.68 2.60 0.00	38.96 2.03 0.00
PPL PILGRIM_ST_GT2 24217	36.22 2.43 0.00	34.30 2.51 0.00	33.15 2.28 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.25 2.71 0.00	53.44 4.41 0.00	60.58 5.69 1.42	54.82 4.21 0.75	47.71 3.74 0.09	46.37 3.48 0.03	42.66 3.31 0.00	41.30 3.04 0.27	39.89 2.92 0.03	39.61 3.07 0.03	43.28 3.43 0.00	44.90 3.52 0.00	49.66 3.70 0.85	55.02 3.61 0.18	64.07 4.46 1.46	58.27 3.50 0.79	49.08 3.21 0.03	42.68 2.60 0.00	38.96 2.03 0.00
PPL_SHRM_GT3 24213	35.95 2.16 0.00	34.27 2.48 0.00	33.09 2.22 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.68 4.66 0.00	60.98 6.08 1.42	54.05 3.44 0.75	46.83 2.86 0.09	45.43 2.53 0.03	41.80 2.44 0.00	39.99 1.74 0.27	38.64 1.67 0.03	38.41 1.86 0.03	42.44 2.59 0.00	44.08 2.69 0.00	48.72 2.76 0.85	53.89 2.48 0.18	63.15 3.54 1.46	56.99 2.22 0.79	48.12 2.25 0.03	41.76 1.68 0.00	38.11 1.18 0.00
PPL_SHRM_GT4 24214	35.95 2.16 0.00	34.27 2.48 0.00	33.09 2.22 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.68 4.66 0.00	60.98 6.08 1.42	54.05 3.44 0.75	46.83 2.86 0.09	45.43 2.53 0.03	41.80 2.44 0.00	39.99 1.74 0.27	38.64 1.67 0.03	38.41 1.86 0.03	42.44 2.59 0.00	44.08 2.69 0.00	48.72 2.76 0.85	53.89 2.48 0.18	63.15 3.54 1.46	56.99 2.22 0.79	48.12 2.25 0.03	41.76 1.68 0.00	38.11 1.18 0.00
PROJECT___ORANGE 1 24174	33.25 -0.54 0.00	31.25 -0.54 0.00	30.34 -0.52 0.00	29.51 -0.51 0.00	29.73 -0.51 0.00	33.03 -0.50 0.00	48.14 -0.88 0.00	52.42 -0.96 2.94	48.98 -0.82 1.56	43.17 -0.70 0.19	42.18 -0.69 0.07	38.73 -0.63 0.00	37.35 -0.62 0.56	36.38 -0.56 0.06	35.96 -0.55 0.06	39.25 -0.60 0.01	40.77 -0.62 0.00	44.30 -0.75 1.76	50.39 -0.83 0.37	57.21 -0.85 3.01	53.15 -0.78 1.63	45.10 -0.73 0.06	39.40 -0.68 0.00	36.49 -0.44 0.00
PROJECT___ORANGE 2 24166	33.25 -0.54 0.00	31.25 -0.54 0.00	30.34 -0.52 0.00	29.51 -0.51 0.00	29.73 -0.51 0.00	33.03 -0.50 0.00	48.14 -0.88 0.00	52.42 -0.96 2.94	48.98 -0.82 1.56	43.17 -0.70 0.19	42.18 -0.69 0.07	38.73 -0.63 0.00	37.35 -0.62 0.56	36.38 -0.56 0.06	35.96 -0.55 0.06	39.25 -0.60 0.01	40.77 -0.62 0.00	44.30 -0.75 1.76	50.39 -0.83 0.37	57.21 -0.85 3.01	53.15 -0.78 1.63	45.10 -0.73 0.06	39.40 -0.68 0.00	36.49 -0.44 0.00
PUCKETT___SOLAR 323809	33.72 -0.07 0.00	31.69 -0.10 0.00	30.80 -0.06 0.00	29.96 -0.06 0.00	30.18 -0.06 0.00	33.57 0.03 0.00	49.27 0.25 0.00	53.98 0.17 2.51	50.03 0.00 1.33	43.81 -0.09 0.16	42.70 -0.17 0.06	39.12 -0.23 0.00	37.78 -0.27 0.48	36.65 -0.30 0.05	36.30 -0.22 0.05	39.73 -0.12 0.01	41.51 0.12 0.00	45.45 0.14 1.51	51.53 0.26 0.32	59.05 0.55 2.57	54.66 0.50 1.39	46.17 0.32 0.05	40.48 0.40 0.00	37.37 0.44 0.00
PYRITES___HYD 24023	38.88 -0.27 -5.36	36.58 -0.32 -5.11	35.23 -0.31 -4.67	34.66 -0.24 -4.88	34.91 -0.24 -4.91	38.66 -0.20 -5.33	55.26 -0.64 -6.87	63.60 -0.34 -7.62	58.15 -0.56 -7.35	50.41 -0.40 -6.74	49.21 -0.30 -6.58	39.00 -0.35 0.00	38.05 -0.35 0.14	36.69 -0.30 0.02	36.15 -0.40 0.02	39.38 -0.48 0.00	41.10 -0.29 0.00	46.16 -0.23 0.42	51.40 -0.10 0.09	60.59 0.24 0.72	55.55 0.39 0.39	46.16 0.28 0.02	40.32 0.24 0.00	37.15 0.22 0.00
QUAKERRD_115KV_BK1 80622	31.56 -2.23 0.00	29.60 -2.19 0.00	28.80 -2.07 0.00	27.98 -2.04 0.00	28.25 -2.00 0.00	31.42 -2.11 0.00	45.64 -3.38 0.00	48.50 -3.55 4.27	45.91 -3.13 2.32	41.06 -2.73 0.27	39.95 -2.66 0.32	36.68 -2.44 0.24	35.00 -2.39 1.14	34.73 -2.18 0.08	34.22 -2.27 0.08	37.30 -2.55 0.01	38.86 -2.52 0.00	41.40 -2.86 2.56	48.02 -3.04 0.53	53.16 -3.54 4.37	50.18 -3.11 2.26	43.15 -2.66 0.08	37.59 -2.48 0.00	35.05 -1.88 0.00
QUEENSBRY_115KV_TB8 356137	34.87 1.08 0.00	32.84 1.05 0.00	31.79 0.93 0.00	30.95 0.93 0.00	31.18 0.94 0.00	34.67 1.14 0.00	51.43 2.40 0.00	57.34 2.42 1.39	52.93 2.31 0.74	45.82 1.85 0.09	44.49 1.59 0.03	40.73 1.38 0.00	39.50 1.23 0.27	37.97 1.00 0.03	37.64 1.10 0.03	41.25 1.40 0.00	42.71 1.32 0.00	47.75 1.78 0.84	53.22 1.81 0.18	62.02 2.38 1.43	56.78 2.00 0.77	47.48 1.61 0.03	41.36 1.28 0.00	37.81 0.89 0.00
RAMAPO___LBMP 323565	35.04 1.25 0.00	33.06 1.27 0.00	32.04 1.17 0.00	31.16 1.14 0.00	31.36 1.12 0.00	34.74 1.21 0.00	51.43 2.40 0.00	57.81 2.93 1.43	53.02 2.41 0.76	46.04 2.07 0.09	44.87 1.97 0.03	41.25 1.89 0.00	40.07 1.81 0.27	38.71 1.74 0.03	38.33 1.79 0.03	41.81 1.95 0.00	43.29 1.90 0.00	48.01 2.06 0.86	53.57 2.17 0.18	62.23 2.63 1.46	56.98 2.22 0.79	47.66 1.79 0.03	41.60 1.52 0.00	38.04 1.11 0.00
RANKINE____ 23646	30.85 -2.94 0.00	28.93 -2.86 0.00	28.18 -2.69 0.00	27.41 -2.61 0.00	27.70 -2.54 0.00	30.78 -2.75 0.00	44.76 -4.27 0.00	46.34 -5.52 4.46	44.09 -4.83 2.44	39.78 -4.01 0.28	38.36 -3.69 0.88	35.16 -3.35 0.85	33.16 -3.43 1.94	33.55 -3.37 0.08	33.27 -3.22 0.08	36.30 -3.55 0.01	37.95 -3.44 0.00	39.51 -4.63 2.67	45.78 -5.26 0.54	50.52 -5.98 4.57	47.89 -5.39 2.28	41.64 -4.18 0.08	36.91 -3.17 0.00	34.86 -2.07 0.00
RAVENSWOOD_GT2_1 24244	35.61 1.82 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.36 3.33 0.00	58.95 4.05 1.42	54.05 3.44 0.75	47.01 3.04 0.09	45.82 2.92 0.03	42.11 2.76 0.00	40.92 2.66 0.27	39.52 2.55 0.03	39.17 2.63 0.03	42.72 2.87 0.00	44.24 2.86 0.00	49.05 3.09 0.85	54.56 3.15 0.18	63.28 3.66 1.46	57.88 3.11 0.79	48.53 2.66 0.03	42.32 2.24 0.00	38.63 1.70 0.00

RAVENSWOOD_GT2_2 24245	35.61 1.82 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.36 3.33 0.00	58.95 4.05 1.42	54.05 3.44 0.75	47.01 3.04 0.09	45.82 2.92 0.03	42.11 2.76 0.00	40.92 2.66 0.27	39.52 2.55 0.03	39.17 2.63 0.03	42.72 2.87 0.00	44.24 2.86 0.00	49.05 3.09 0.85	54.56 3.15 0.18	63.28 3.66 1.46	57.88 3.11 0.79	48.53 2.66 0.03	42.32 2.24 0.00	38.63 1.70 0.00
RAVENSWOOD_GT2_3 24246	35.65 1.86 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.41 3.38 0.00	59.00 4.11 1.42	54.05 3.44 0.75	47.01 3.04 0.09	45.82 2.92 0.03	42.15 2.79 0.00	40.96 2.70 0.27	39.52 2.55 0.03	39.17 2.63 0.03	42.72 2.87 0.00	44.24 2.86 0.00	49.05 3.09 0.85	54.56 3.15 0.18	63.28 3.66 1.46	57.93 3.17 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
RAVENSWOOD_GT2_4 24247	35.65 1.86 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.41 3.38 0.00	59.00 4.11 1.42	54.05 3.44 0.75	47.01 3.04 0.09	45.82 2.92 0.03	42.15 2.79 0.00	40.96 2.70 0.27	39.52 2.55 0.03	39.17 2.63 0.03	42.72 2.87 0.00	44.24 2.86 0.00	49.05 3.09 0.85	54.56 3.15 0.18	63.28 3.66 1.46	57.93 3.17 0.79	48.53 2.66 0.03	42.36 2.28 0.00	38.66 1.74 0.00
RAVENSWOOD_GT3_1 24248	35.61 1.82 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.36 3.33 0.00	58.95 4.05 1.42	54.05 3.44 0.75	47.01 3.04 0.09	45.82 2.92 0.03	42.11 2.76 0.00	40.92 2.66 0.27	39.52 2.55 0.03	39.17 2.63 0.03	42.72 2.87 0.00	44.24 2.86 0.00	49.05 3.09 0.85	54.56 3.15 0.18	63.28 3.66 1.46	57.93 3.17 0.79	48.53 2.66 0.03	42.32 2.24 0.00	38.63 1.70 0.00
RAVENSWOOD_GT3_2 24249	35.61 1.82 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.36 3.33 0.00	58.95 4.05 1.42	54.05 3.44 0.75	47.01 3.04 0.09	45.82 2.92 0.03	42.11 2.76 0.00	40.92 2.66 0.27	39.52 2.55 0.03	39.17 2.63 0.03	42.72 2.87 0.00	44.24 2.86 0.00	49.05 3.09 0.85	54.56 3.15 0.18	63.28 3.66 1.46	57.93 3.17 0.79	48.53 2.66 0.03	42.32 2.24 0.00	38.63 1.70 0.00
RAVENSWOOD_GT3_3 24250	35.65 1.86 0.00	33.63 1.84 0.00	32.59 1.73 0.00	31.67 1.65 0.00	31.88 1.63 0.00	35.34 1.81 0.00	52.46 3.43 0.00	59.06 4.17 1.42	54.10 3.49 0.75	47.05 3.08 0.09	45.86 2.96 0.03	42.19 2.83 0.00	40.99 2.74 0.27	39.56 2.59 0.03	39.21 2.67 0.03	42.76 2.91 0.00	44.28 2.90 0.00	49.09 3.14 0.85	54.61 3.20 0.18	63.34 3.73 1.46	57.99 3.22 0.79	48.58 2.71 0.03	42.40 2.32 0.00	38.66 1.74 0.00
RAVENSWOOD_GT3_4 24251	35.65 1.86 0.00	33.63 1.84 0.00	32.59 1.73 0.00	31.67 1.65 0.00	31.88 1.63 0.00	35.34 1.81 0.00	52.46 3.43 0.00	59.06 4.17 1.42	54.10 3.49 0.75	47.05 3.08 0.09	45.86 2.96 0.03	42.19 2.83 0.00	40.99 2.74 0.27	39.56 2.59 0.03	39.21 2.67 0.03	42.76 2.91 0.00	44.28 2.90 0.00	49.09 3.14 0.85	54.61 3.20 0.18	63.34 3.73 1.46	57.99 3.22 0.79	48.58 2.71 0.03	42.40 2.32 0.00	38.66 1.74 0.00
RAVENSWOOD_GT_1 23729	38.03 2.03 -2.22	33.77 1.97 -0.01	32.77 1.88 -0.02	31.85 1.80 -0.02	32.04 1.78 -0.01	37.66 1.94 -2.18	52.66 3.63 -0.01	59.28 4.39 1.42	54.61 3.75 0.50	55.38 3.30 -8.01	55.61 3.13 -9.54	57.54 2.99 -15.19	58.68 2.89 -17.26	59.12 2.78 -19.35	59.18 2.82 -19.79	58.29 3.11 -15.32	57.89 3.10 -13.40	56.62 3.37 -6.43	65.50 3.40 -10.51	67.65 3.91 -2.67	58.21 3.44 0.79	51.09 2.94 -2.25	46.43 2.48 -3.86	41.09 1.92 -2.24
RAVENSWOOD_GT_10 24258	35.61 1.82 0.00	33.57 1.78 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.36 3.33 0.00	58.95 4.05 1.42	54.03 3.44 0.77	46.39 3.04 0.71	45.08 2.92 0.77	40.92 2.76 1.19	39.53 2.66 1.66	37.99 2.55 1.56	37.57 2.60 1.60	41.52 2.87 1.21	43.19 2.86 1.05	48.48 3.09 1.42	53.97 3.10 0.71	63.28 3.66 1.46	57.88 3.11 0.79	48.42 2.66 0.15	42.13 2.24 0.19	38.58 1.70 0.05
RAVENSWOOD_GT_11 24259	35.61 1.82 0.00	33.57 1.78 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.36 3.33 0.00	58.95 4.05 1.42	54.03 3.44 0.77	46.39 3.04 0.71	45.08 2.92 0.77	40.92 2.76 1.19	39.53 2.66 1.66	37.99 2.55 1.56	37.57 2.60 1.60	41.52 2.87 1.21	43.19 2.86 1.05	48.48 3.09 1.42	53.97 3.10 0.71	63.28 3.66 1.46	57.88 3.11 0.79	48.42 2.66 0.15	42.13 2.24 0.19	38.58 1.70 0.05
RAVENSWOOD_GT_4 24252	37.26 1.79 -1.68	33.56 1.78 0.01	32.54 1.67 -0.01	31.62 1.59 -0.01	31.81 1.57 0.01	36.92 1.74 -1.65	52.30 3.28 0.01	58.89 4.00 1.42	53.99 3.39 0.76	43.72 3.00 3.34	41.81 2.88 4.00	35.53 2.72 6.54	33.23 2.66 7.96	30.99 2.52 8.53	30.45 2.60 8.72	36.04 2.83 6.65	38.43 2.81 5.77	45.98 3.04 3.87	54.50 3.10 0.19	66.36 3.60 -1.69	57.88 3.11 0.79	48.48 2.62 0.04	42.29 2.20 -0.01	39.60 1.66 -1.01
RAVENSWOOD_GT_5 24254	37.26 1.79 -1.68	33.56 1.78 0.01	32.54 1.67 -0.01	31.62 1.59 -0.01	31.81 1.57 0.01	36.92 1.74 -1.65	52.30 3.28 0.01	58.89 4.00 1.42	53.99 3.39 0.76	43.72 3.00 3.34	41.81 2.88 4.00	35.53 2.72 6.54	33.23 2.66 7.96	30.99 2.52 8.53	30.45 2.60 8.72	36.04 2.83 6.65	38.43 2.81 5.77	45.98 3.04 3.87	54.50 3.10 0.19	66.36 3.60 -1.69	57.88 3.11 0.79	48.48 2.62 0.04	42.29 2.20 -0.01	39.60 1.66 -1.01
RAVENSWOOD_GT_6 24253	37.26 1.79 -1.68	33.56 1.78 0.01	32.54 1.67 -0.01	31.62 1.59 -0.01	31.81 1.57 0.01	36.92 1.74 -1.65	52.30 3.28 0.01	58.89 4.00 1.42	53.99 3.39 0.76	43.72 3.00 3.34	41.81 2.88 4.00	35.53 2.72 6.54	33.23 2.66 7.96	30.99 2.52 8.53	30.45 2.60 8.72	36.04 2.83 6.65	38.43 2.81 5.77	45.98 3.04 3.87	54.50 3.10 0.19	66.36 3.60 -1.69	57.88 3.11 0.79	48.48 2.62 0.04	42.29 2.20 -0.01	39.60 1.66 -1.01
RAVENSWOOD_GT_7 24255	37.26 1.79 -1.68	33.56 1.78 0.01	32.54 1.67 -0.01	31.62 1.59 -0.01	31.81 1.57 0.01	36.92 1.74 -1.65	52.30 3.28 0.01	58.89 4.00 1.42	53.99 3.39 0.76	43.72 3.00 3.34	41.81 2.88 4.00	35.53 2.72 6.54	33.23 2.66 7.96	30.99 2.52 8.53	30.45 2.60 8.72	36.04 2.83 6.65	38.43 2.81 5.77	45.98 3.04 3.87	54.50 3.10 0.19	66.36 3.60 -1.69	57.88 3.11 0.79	48.48 2.62 0.04	42.29 2.20 -0.01	39.60 1.66 -1.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.61 1.82 0.00	33.57 1.78 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.36 3.33 0.00	58.95 4.05 1.42	54.03 3.44 0.77	46.39 3.04 0.71	45.08 2.92 0.77	40.92 2.76 1.19	39.53 2.66 1.66	37.99 2.55 1.56	37.57 2.60 1.60	41.52 2.87 1.21	43.19 2.86 1.05	48.48 3.09 1.42	53.97 3.10 0.71	63.28 3.66 1.46	57.88 3.11 0.79	48.42 2.66 0.15	42.13 2.24 0.19	38.58 1.70 0.05

RAVENSWOOD_GT_9 24257	35.61 1.82 0.00	33.57 1.78 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.36 3.33 0.00	58.95 4.05 1.42	54.03 3.44 0.77	46.39 3.04 0.71	45.08 2.92 0.77	40.92 2.76 1.19	39.53 2.66 1.66	37.99 2.55 1.56	37.57 2.60 1.60	41.52 2.87 1.21	43.19 2.86 1.05	48.48 3.09 1.42	53.97 3.10 0.71	63.28 3.66 1.46	57.88 3.11 0.79	48.42 2.66 0.15	42.13 2.24 0.19	38.58 1.70 0.05
RAVENSWOOD___1 23533	35.82 2.03 -0.01	33.77 1.97 -0.01	32.72 1.85 -0.01	31.83 1.80 -0.01	32.04 1.78 -0.01	35.48 1.94 -0.01	52.61 3.58 -0.01	59.23 4.34 1.42	54.44 3.70 0.62	53.38 3.26 -6.06	53.38 3.13 -7.32	54.13 2.95 -11.82	54.89 2.89 -13.46	54.89 2.74 -15.15	54.89 2.82 -15.50	54.88 3.07 -11.96	54.88 3.06 -10.43	54.88 3.32 -4.74	60.13 3.40 -5.14	63.52 3.91 1.46	58.15 3.39 0.79	49.95 2.94 -1.11	44.40 2.40 -1.92	39.30 1.92 -0.45
RAVENSWOOD___2 23534	35.79 1.99 -0.01	33.74 1.94 -0.01	32.69 1.82 -0.01	31.80 1.77 -0.01	32.00 1.75 -0.01	35.48 1.94 -0.01	52.61 3.58 -0.01	59.23 4.34 1.42	54.44 3.70 0.62	53.35 3.26 -6.03	53.35 3.13 -7.29	54.09 2.95 -11.78	54.80 2.85 -13.41	54.83 2.74 -15.09	54.79 2.78 -15.44	54.84 3.07 -11.91	54.84 3.06 -10.39	54.86 3.32 -4.72	60.11 3.40 -5.12	63.52 3.91 1.46	58.15 3.39 0.79	49.90 2.89 -1.10	44.39 2.40 -1.91	39.26 1.88 -0.45
RAVENSWOOD___3 23535	35.61 1.82 0.00	33.60 1.81 0.00	32.56 1.70 0.00	31.67 1.65 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.36 3.34 0.00	58.95 4.06 1.42	54.05 3.44 0.75	47.01 3.04 0.09	45.82 2.92 0.03	42.11 2.75 0.00	40.96 2.70 0.27	39.52 2.55 0.03	39.18 2.63 0.03	42.73 2.87 0.00	44.24 2.85 0.00	49.05 3.09 0.85	54.56 3.15 0.18	63.28 3.66 1.46	57.93 3.16 0.79	48.53 2.66 0.03	42.28 2.20 0.00	38.63 1.70 0.00
RAVENSWOOD___4 23820	33.61 1.99 2.17	33.73 1.94 -0.01	32.68 1.82 0.01	31.78 1.77 0.01	32.00 1.75 -0.01	33.35 1.94 2.13	52.61 3.58 -0.01	59.23 4.34 1.42	54.32 3.70 0.75	51.38 3.21 -4.10	51.12 3.09 -5.09	50.73 2.91 -8.46	51.05 2.85 -9.67	50.66 2.70 -10.96	50.56 2.78 -11.21	51.52 3.07 -8.60	51.92 3.06 -7.47	53.14 3.28 -3.05	54.77 3.35 0.17	59.46 3.91 5.52	58.15 3.39 0.79	48.77 2.89 0.02	42.48 2.40 0.01	37.51 1.88 1.30
RCPL_TRUST___DRP 24196	35.58 1.79 0.00	33.57 1.78 0.00	32.65 1.79 0.00	31.73 1.71 0.00	31.94 1.69 0.00	35.38 1.84 0.00	52.65 3.63 0.00	59.34 4.45 1.42	54.36 3.75 0.75	47.41 3.44 0.09	46.20 3.31 0.03	42.47 3.11 0.00	41.30 3.04 0.27	39.86 2.89 0.03	39.50 2.96 0.03	43.08 3.23 0.00	44.62 3.23 0.00	49.47 3.51 0.85	54.87 3.46 0.18	63.64 4.03 1.46	58.21 3.44 0.79	48.71 2.85 0.03	42.48 2.40 0.00	38.74 1.81 0.00
RED___ROCHESTER 323720	32.07 -1.72 0.00	30.04 -1.75 0.00	29.29 -1.57 0.00	28.43 -1.59 0.00	28.67 -1.57 0.00	31.92 -1.61 0.00	46.38 -2.65 0.00	49.33 -2.59 4.40	46.71 -2.26 2.39	41.80 -1.98 0.28	40.60 -1.89 0.44	37.25 -1.73 0.38	35.46 -1.73 1.34	35.36 -1.55 0.09	34.88 -1.61 0.09	38.06 -1.79 0.01	39.61 -1.78 0.00	42.12 -2.06 2.64	48.88 -2.16 0.54	54.12 -2.44 4.50	51.12 -2.11 2.32	44.02 -1.79 0.09	38.43 -1.64 0.00	35.78 -1.15 0.00
REGAN___SOLAR 323812	36.12 2.33 0.00	33.98 2.19 0.00	32.90 2.04 0.00	32.03 2.01 0.00	32.30 2.06 0.00	36.25 2.71 0.00	53.53 4.51 0.00	59.60 4.78 1.50	54.68 4.11 0.80	47.00 3.04 0.10	45.47 2.58 0.03	41.52 2.16 0.00	40.40 2.16 0.29	38.93 1.96 0.03	38.59 2.05 0.03	42.37 2.51 0.00	44.16 2.77 0.00	49.70 3.79 0.90	55.47 4.07 0.19	64.72 5.19 1.54	59.33 4.61 0.83	49.45 3.58 0.03	43.09 3.01 0.00	39.44 2.51 0.00
RENSSELAER___COGEN 23796	34.87 1.08 0.00	32.93 1.14 0.00	31.91 1.05 0.00	31.04 1.02 0.00	31.27 1.03 0.00	34.71 1.17 0.00	50.89 1.86 0.00	56.86 1.92 1.37	52.48 1.85 0.73	45.47 1.50 0.09	44.31 1.41 0.03	40.62 1.26 0.00	39.46 1.20 0.26	38.08 1.11 0.03	37.71 1.17 0.03	41.17 1.31 0.00	42.59 1.20 0.00	47.35 1.36 0.83	52.81 1.39 0.17	61.25 1.59 1.41	56.12 1.33 0.76	46.97 1.10 0.03	41.00 0.92 0.00	37.71 0.78 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.58 1.79 0.00	33.44 1.65 0.00	32.34 1.48 0.00	31.49 1.47 0.00	31.76 1.51 0.00	35.41 1.88 0.00	52.70 3.68 0.00	58.64 3.72 1.39	54.17 3.54 0.74	46.70 2.73 0.09	45.22 2.32 0.03	41.40 2.05 0.00	40.08 1.81 0.27	38.45 1.48 0.03	38.15 1.61 0.03	41.93 2.07 0.00	43.46 2.07 0.00	48.74 2.76 0.84	54.56 3.15 0.18	63.98 4.34 1.43	58.50 3.72 0.77	48.72 2.85 0.03	42.40 2.32 0.00	38.63 1.70 0.00
REVERE_CPFR_DRP 24186	34.60 0.81 0.00	32.49 0.70 0.00	31.57 0.71 0.00	30.71 0.69 0.00	30.94 0.70 0.00	34.37 0.84 0.00	50.35 1.32 0.00	55.74 1.52 2.09	51.64 1.39 1.11	45.12 1.19 0.13	44.04 1.16 0.05	40.22 0.87 0.00	38.94 0.81 0.40	37.69 0.74 0.05	37.26 0.73 0.05	40.77 0.92 0.01	42.50 1.12 0.00	46.91 1.36 1.26	52.98 1.65 0.26	61.12 2.20 2.14	56.50 2.11 1.16	47.41 1.56 0.05	41.36 1.28 0.00	38.11 1.18 0.00
REYNOLDS_115KV_TB3 80639	35.00 1.22 0.00	33.03 1.24 0.00	32.00 1.14 0.00	31.13 1.11 0.00	31.36 1.12 0.00	34.84 1.31 0.00	51.08 2.06 0.00	57.02 2.08 1.38	52.63 2.00 0.73	45.60 1.63 0.09	44.44 1.55 0.03	40.77 1.42 0.00	39.62 1.35 0.26	38.23 1.26 0.03	37.82 1.28 0.03	41.29 1.43 0.00	42.67 1.28 0.00	47.48 1.50 0.83	52.91 1.50 0.17	61.37 1.71 1.41	56.18 1.39 0.76	47.06 1.19 0.03	41.12 1.04 0.00	37.78 0.85 0.00
RIVERBAY____ 323610	35.86 2.06 -0.01	33.86 2.07 -0.01	32.82 1.94 -0.01	31.89 1.86 -0.01	32.10 1.84 -0.01	35.49 1.94 -0.01	52.64 3.63 0.01	59.23 4.34 1.42	54.30 3.70 0.76	47.18 3.22 0.10	45.94 3.05 0.04	42.26 2.91 0.01	41.06 2.81 0.28	39.63 2.66 0.04	39.24 2.71 0.04	42.84 2.99 0.01	44.48 3.10 0.01	49.23 3.28 0.86	54.75 3.35 0.19	63.46 3.85 1.46	58.10 3.33 0.79	48.75 2.89 0.04	42.57 2.48 -0.01	38.86 1.92 -0.01
RIVERSIDE_115KV_TB3 55908	34.97 1.18 0.00	33.00 1.21 0.00	32.00 1.14 0.00	31.10 1.08 0.00	31.33 1.09 0.00	34.84 1.31 0.00	51.13 2.11 0.00	57.08 2.14 1.38	52.69 2.05 0.73	45.69 1.72 0.09	44.49 1.59 0.03	40.81 1.46 0.00	39.65 1.39 0.26	38.27 1.30 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.75 1.37 0.00	47.53 1.54 0.83	52.91 1.50 0.17	61.37 1.71 1.41	56.24 1.44 0.76	47.06 1.19 0.03	41.12 1.04 0.00	37.78 0.85 0.00
ROARING___BROOK_WT_PWR 323790	32.81 -0.98 0.00	30.87 -0.92 0.00	29.97 -0.90 0.00	29.15 -0.87 0.00	29.37 -0.88 0.00	32.56 -0.97 0.00	47.56 -1.47 0.00	53.52 -1.63 1.16	49.25 -1.49 0.62	42.75 -1.23 0.07	41.75 -1.16 0.03	38.30 -1.06 0.00	37.31 -1.00 0.22	36.05 -0.92 0.03	35.63 -0.91 0.03	38.90 -0.96 0.00	40.52 -0.87 0.00	45.18 -0.94 0.70	50.51 -0.93 0.15	58.78 -1.10 1.19	53.96 -0.94 0.65	45.14 -0.74 0.03	39.44 -0.64 0.00	36.30 -0.63 0.00

ROCHESRG_115KV_T4 355643	31.83 -1.96 0.00	29.85 -1.94 0.00	29.04 -1.82 0.00	28.22 -1.80 0.00	28.49 -1.75 0.00	31.65 -1.88 0.00	45.99 -3.04 0.00	48.75 -3.15 4.41	46.19 -2.77 2.40	41.32 -2.47 0.28	40.07 -2.40 0.46	36.81 -2.16 0.39	35.02 -2.16 1.35	34.95 -1.96 0.09	34.44 -2.05 0.09	37.54 -2.31 0.01	39.11 -2.28 0.00	41.59 -2.57 2.65	48.31 -2.73 0.54	53.38 -3.18 4.52	50.50 -2.72 2.33	43.47 -2.34 0.09	37.87 -2.20 0.00	35.41 -1.51 0.00
ROCHESTER_9_IC 23652	31.96 -1.82 0.00	29.94 -1.84 0.00	29.17 -1.70 0.00	28.31 -1.71 0.00	28.61 -1.63 0.00	31.82 -1.71 0.00	46.23 -2.79 0.00	49.05 -2.87 4.40	46.45 -2.52 2.39	41.58 -2.20 0.28	40.34 -2.15 0.44	37.01 -1.97 0.38	35.27 -1.93 1.34	35.18 -1.74 0.09	34.66 -1.83 0.09	37.78 -2.07 0.01	39.36 -2.03 0.00	41.88 -2.29 2.64	48.62 -2.42 0.54	53.82 -2.75 4.50	50.85 -2.39 2.32	43.75 -2.07 0.09	38.08 -2.00 0.00	35.60 -1.33 0.00
ROCKVIEW_13_KV_LD 356306	35.61 1.82 0.00	33.57 1.78 0.00	32.56 1.70 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.31 1.78 0.00	52.31 3.28 0.00	58.95 4.05 1.42	54.00 3.39 0.75	46.97 3.00 0.09	45.77 2.88 0.03	42.07 2.72 0.00	40.88 2.62 0.27	39.49 2.52 0.03	39.10 2.56 0.03	42.68 2.83 0.00	44.16 2.77 0.00	49.00 3.04 0.85	54.56 3.15 0.18	63.34 3.73 1.46	57.93 3.17 0.79	48.49 2.62 0.03	42.32 2.24 0.00	38.59 1.66 0.00
ROME____115KV_TB2 80656	34.60 0.81 0.00	32.49 0.70 0.00	31.57 0.71 0.00	30.71 0.69 0.00	30.94 0.70 0.00	34.37 0.84 0.00	50.35 1.32 0.00	55.74 1.52 2.09	51.64 1.39 1.11	45.12 1.19 0.13	44.04 1.16 0.05	40.22 0.87 0.00	38.94 0.81 0.40	37.69 0.74 0.05	37.26 0.73 0.05	40.77 0.92 0.01	42.50 1.12 0.00	46.91 1.36 1.26	52.98 1.65 0.26	61.12 2.20 2.14	56.50 2.11 1.16	47.41 1.56 0.05	41.36 1.28 0.00	38.11 1.18 0.00
ROSETON___1 23587	35.17 1.39 0.00	33.15 1.37 0.00	32.13 1.27 0.00	31.25 1.23 0.00	31.48 1.24 0.00	34.88 1.34 0.00	51.52 2.50 0.00	57.82 2.93 1.42	53.12 2.52 0.76	46.17 2.20 0.09	44.96 2.06 0.03	41.32 1.97 0.00	40.15 1.89 0.27	38.78 1.81 0.03	38.41 1.86 0.03	41.89 2.03 0.00	43.37 1.99 0.00	48.11 2.15 0.86	53.63 2.22 0.18	62.23 2.62 1.46	56.99 2.22 0.79	47.75 1.88 0.03	41.64 1.56 0.00	38.11 1.18 0.00
ROSETON___2 23588	35.17 1.39 0.00	33.15 1.37 0.00	32.13 1.27 0.00	31.25 1.23 0.00	31.48 1.24 0.00	34.88 1.34 0.00	51.52 2.50 0.00	57.82 2.93 1.42	53.12 2.52 0.76	46.17 2.20 0.09	44.96 2.06 0.03	41.32 1.97 0.00	40.15 1.89 0.27	38.78 1.81 0.03	38.41 1.86 0.03	41.89 2.03 0.00	43.37 1.99 0.00	48.11 2.15 0.86	53.63 2.22 0.18	62.23 2.62 1.46	56.99 2.22 0.79	47.75 1.88 0.03	41.64 1.56 0.00	38.11 1.18 0.00
ROTTTRDAM_115KV_TB3 80664	34.70 0.91 0.00	32.68 0.89 0.00	31.70 0.83 0.00	30.83 0.81 0.00	31.06 0.82 0.00	34.44 0.91 0.00	50.54 1.52 0.00	56.49 1.58 1.41	52.05 1.44 0.75	45.12 1.15 0.09	43.97 1.07 0.03	40.30 0.94 0.00	39.15 0.89 0.27	37.82 0.85 0.03	37.42 0.88 0.03	40.85 1.00 0.00	42.34 0.95 0.00	47.14 1.17 0.84	52.86 1.44 0.18	61.34 1.71 1.44	56.28 1.50 0.78	47.06 1.19 0.03	41.08 1.00 0.00	37.74 0.81 0.00
RUSSELL___1 23602	32.06 -1.72 0.00	30.04 -1.75 0.00	29.26 -1.60 0.00	28.40 -1.62 0.00	28.70 -1.54 0.00	31.92 -1.61 0.00	46.38 -2.65 0.00	49.27 -2.65 4.40	46.71 -2.26 2.39	41.80 -1.98 0.28	40.55 -1.93 0.44	37.21 -1.77 0.38	35.46 -1.73 1.34	35.36 -1.55 0.09	34.84 -1.65 0.09	37.98 -1.87 0.01	39.61 -1.78 0.00	42.12 -2.06 2.64	48.93 -2.12 0.54	54.12 -2.44 4.50	51.12 -2.11 2.32	44.02 -1.79 0.09	38.28 -1.80 0.00	35.78 -1.14 0.00
RUSSELL___2 23532	32.06 -1.72 0.00	30.04 -1.75 0.00	29.26 -1.60 0.00	28.40 -1.62 0.00	28.70 -1.54 0.00	31.92 -1.61 0.00	46.38 -2.65 0.00	49.27 -2.65 4.40	46.71 -2.26 2.39	41.80 -1.98 0.28	40.55 -1.93 0.44	37.21 -1.77 0.38	35.46 -1.73 1.34	35.36 -1.55 0.09	34.84 -1.65 0.09	37.98 -1.87 0.01	39.61 -1.78 0.00	42.12 -2.06 2.64	48.93 -2.12 0.54	54.12 -2.44 4.50	51.12 -2.11 2.32	44.02 -1.79 0.09	38.28 -1.80 0.00	35.78 -1.14 0.00
RUSSELL___3 23549	32.06 -1.72 0.00	30.04 -1.75 0.00	29.26 -1.60 0.00	28.40 -1.62 0.00	28.70 -1.54 0.00	31.92 -1.61 0.00	46.38 -2.65 0.00	49.27 -2.65 4.40	46.71 -2.26 2.39	41.80 -1.98 0.28	40.55 -1.93 0.44	37.21 -1.77 0.38	35.46 -1.73 1.34	35.36 -1.55 0.09	34.84 -1.65 0.09	37.98 -1.87 0.01	39.61 -1.78 0.00	42.12 -2.06 2.64	48.93 -2.12 0.54	54.12 -2.44 4.50	51.12 -2.11 2.32	44.02 -1.79 0.09	38.28 -1.80 0.00	35.78 -1.14 0.00
RUSSELL___4 23556	32.06 -1.72 0.00	30.04 -1.75 0.00	29.26 -1.60 0.00	28.40 -1.62 0.00	28.70 -1.54 0.00	31.92 -1.61 0.00	46.38 -2.65 0.00	49.27 -2.65 4.40	46.71 -2.26 2.39	41.80 -1.98 0.28	40.55 -1.93 0.44	37.21 -1.77 0.38	35.46 -1.73 1.34	35.36 -1.55 0.09	34.84 -1.65 0.09	37.98 -1.87 0.01	39.61 -1.78 0.00	42.12 -2.06 2.64	48.93 -2.12 0.54	54.12 -2.44 4.50	51.12 -2.11 2.32	44.02 -1.79 0.09	38.28 -1.80 0.00	35.78 -1.14 0.00
RUSSELL___STATION 23914	32.06 -1.72 0.00	30.04 -1.75 0.00	29.26 -1.60 0.00	28.40 -1.62 0.00	28.70 -1.54 0.00	31.92 -1.61 0.00	46.38 -2.65 0.00	49.27 -2.65 4.40	46.71 -2.26 2.39	41.80 -1.98 0.28	40.55 -1.93 0.44	37.21 -1.77 0.38	35.46 -1.73 1.34	35.36 -1.55 0.09	34.84 -1.65 0.09	37.98 -1.87 0.01	39.61 -1.78 0.00	42.12 -2.06 2.64	48.93 -2.12 0.54	54.12 -2.44 4.50	51.12 -2.11 2.32	44.02 -1.79 0.09	38.28 -1.80 0.00	35.78 -1.14 0.00
S SALMON___HYD 24043	34.00 -0.54 -0.76	31.91 -0.60 -0.72	30.34 -0.52 0.00	30.17 -0.54 -0.69	30.39 -0.54 -0.69	33.78 -0.50 -0.75	48.19 -0.83 0.00	54.58 -0.90 0.83	50.46 -0.92 -0.03	44.10 -0.79 -0.83	42.96 -0.86 -0.89	38.49 -0.87 0.00	37.26 -0.88 0.39	36.11 -0.85 0.04	35.65 -0.88 0.04	38.98 -0.88 0.00	40.60 -0.79 0.00	44.86 -0.75 1.21	50.66 -0.67 0.25	58.59 -0.42 2.06	54.16 -0.28 1.11	45.44 -0.41 0.04	39.64 -0.44 0.00	36.56 -0.37 0.00
S.PERRY__115KV_TB1 80734	32.27 -1.52 0.00	30.23 -1.56 0.00	29.41 -1.45 0.00	28.55 -1.47 0.00	28.85 -1.39 0.00	32.23 -1.31 0.00	46.97 -2.06 0.00	49.27 -2.31 4.73	46.39 -2.26 2.71	41.52 -2.25 0.29	41.89 -2.45 -1.41	38.67 -2.36 -1.67	37.29 -2.31 -1.07	34.85 -2.07 0.08	34.49 -2.01 0.08	37.78 -2.07 0.01	39.57 -1.82 0.00	42.20 -1.78 2.83	49.52 -1.50 0.57	55.00 -1.22 4.84	52.23 -1.00 2.32	44.86 -0.96 0.08	39.04 -1.04 0.00	36.37 -0.55 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.65 -3.14 0.00	28.74 -3.05 0.00	27.99 -2.87 0.00	27.23 -2.79 0.00	27.52 -2.72 0.00	30.58 -2.95 0.00	44.32 -4.71 0.00	46.17 -5.69 4.46	43.89 -5.03 2.44	39.51 -4.27 0.28	37.97 -4.04 0.92	34.80 -3.66 0.90	32.82 -3.70 2.01	33.37 -3.55 0.08	33.02 -3.47 0.08	35.98 -3.87 0.01	37.54 -3.85 0.00	39.32 -4.82 2.67	45.68 -5.37 0.55	50.33 -6.17 4.57	47.82 -5.44 2.29	41.46 -4.36 0.08	36.55 -3.53 0.00	34.53 -2.40 0.00

SAWYER___23_KV_LOAD 55526	30.65 -3.14 0.00	28.74 -3.05 0.00	27.99 -2.87 0.00	27.23 -2.79 0.00	27.52 -2.72 0.00	30.58 -2.95 0.00	44.32 -4.71 0.00	46.17 -5.69 4.46	43.89 -5.03 2.44	39.51 -4.27 0.28	37.97 -4.04 0.92	34.80 -3.66 0.90	32.82 -3.70 2.01	33.37 -3.55 0.08	33.02 -3.47 0.08	35.98 -3.87 0.01	37.54 -3.85 0.00	39.32 -4.82 2.67	45.68 -5.37 0.55	50.33 -6.17 4.57	47.82 -5.44 2.29	41.46 -4.36 0.08	36.55 -3.53 0.00	34.53 -2.40 0.00
SELKIRK___I 23801	34.94 1.15 0.00	32.93 1.14 0.00	31.94 1.08 0.00	31.07 1.05 0.00	31.30 1.06 0.00	34.71 1.17 0.00	50.94 1.91 0.00	56.86 1.92 1.37	52.43 1.80 0.73	45.38 1.41 0.09	44.19 1.29 0.03	40.50 1.14 0.00	39.31 1.04 0.26	37.93 0.96 0.03	37.57 1.02 0.03	41.01 1.16 0.00	42.51 1.12 0.00	47.35 1.36 0.82	52.86 1.44 0.17	61.37 1.71 1.41	56.29 1.50 0.76	47.11 1.24 0.03	41.16 1.08 0.00	37.85 0.92 0.00
SELKIRK___II 23799	34.80 1.01 0.00	32.84 1.05 0.00	31.82 0.96 0.00	30.95 0.93 0.00	31.18 0.94 0.00	34.61 1.07 0.00	50.79 1.76 0.00	56.75 1.80 1.37	52.33 1.69 0.73	45.38 1.41 0.09	44.19 1.29 0.03	40.54 1.18 0.00	39.39 1.12 0.26	38.01 1.03 0.03	37.64 1.10 0.03	41.05 1.19 0.00	42.51 1.12 0.00	47.30 1.31 0.82	52.75 1.34 0.17	61.19 1.53 1.40	56.13 1.33 0.76	46.97 1.10 0.03	41.00 0.92 0.00	37.71 0.78 0.00
SENECA OSWGO___HYD 24041	33.01 -0.78 0.00	31.03 -0.76 0.00	30.12 -0.74 0.00	29.27 -0.75 0.00	29.52 -0.73 0.00	32.76 -0.77 0.00	47.75 -1.27 0.00	53.65 -1.35 1.31	49.43 -1.23 0.70	42.92 -1.06 0.08	41.87 -1.03 0.03	38.41 -0.94 0.00	37.32 -0.96 0.25	36.08 -0.89 0.03	35.67 -0.88 0.03	38.86 -0.99 0.00	40.39 -0.99 0.00	44.90 -1.12 0.79	50.24 -1.18 0.17	58.44 -1.29 1.35	53.66 -1.17 0.73	44.82 -1.05 0.03	39.16 -0.92 0.00	36.19 -0.74 0.00
SENECA___115KV_TB3 355854	30.88 -2.91 0.00	28.96 -2.83 0.00	28.21 -2.65 0.00	27.44 -2.58 0.00	27.73 -2.51 0.00	30.85 -2.68 0.00	44.81 -4.22 0.00	46.45 -5.41 4.46	44.20 -4.73 2.44	39.86 -3.92 0.28	38.45 -3.61 0.88	35.24 -3.27 0.85	33.20 -3.39 1.94	33.59 -3.33 0.08	33.35 -3.15 0.08	36.38 -3.47 0.01	37.99 -3.39 0.00	39.55 -4.59 2.67	45.88 -5.16 0.54	50.64 -5.86 4.57	48.00 -5.28 2.28	41.69 -4.13 0.08	36.99 -3.09 0.00	34.93 -1.99 0.00
SENECA___ENERGY 23797	32.88 -0.91 0.00	30.87 -0.92 0.00	30.00 -0.86 0.00	29.15 -0.87 0.00	29.40 -0.85 0.00	32.73 -0.81 0.00	47.85 -1.18 0.00	52.14 -1.29 2.89	48.61 -1.18 1.58	42.78 -1.10 0.19	41.79 -1.12 0.03	38.34 -1.06 -0.04	36.93 -1.08 0.52	35.94 -1.00 0.06	35.53 -0.99 0.06	38.78 -1.07 0.01	40.44 -0.95 0.00	44.01 -1.07 1.73	50.14 -1.09 0.36	56.89 -1.22 2.96	53.00 -1.00 1.56	44.92 -0.92 0.06	39.32 -0.76 0.00	36.38 -0.55 0.00
SHOEMAKER___GT 23640	34.90 1.11 0.00	32.87 1.08 0.00	31.85 0.99 0.00	30.98 0.96 0.00	31.21 0.97 0.00	34.61 1.07 0.00	51.08 2.06 0.00	57.24 2.36 1.44	52.60 2.00 0.76	45.69 1.72 0.09	44.49 1.59 0.03	40.89 1.53 0.00	39.72 1.46 0.28	38.37 1.41 0.03	38.01 1.46 0.03	41.45 1.60 0.00	42.96 1.57 0.00	47.68 1.73 0.86	53.21 1.80 0.18	61.86 2.26 1.47	56.65 1.89 0.80	47.38 1.51 0.03	41.36 1.28 0.00	37.93 1.00 0.00
SHOEMAKR_138KV_BK 111 55601	34.87 1.08 0.00	32.87 1.08 0.00	31.85 0.99 0.00	30.98 0.96 0.00	31.18 0.94 0.00	34.57 1.04 0.00	51.08 2.06 0.00	57.24 2.37 1.44	52.65 2.05 0.76	45.69 1.72 0.09	44.53 1.63 0.03	40.89 1.53 0.00	39.76 1.50 0.28	38.38 1.41 0.03	38.00 1.46 0.03	41.49 1.63 0.00	42.96 1.57 0.00	47.68 1.73 0.86	53.21 1.81 0.18	61.80 2.20 1.47	56.65 1.89 0.80	47.38 1.51 0.03	41.36 1.28 0.00	37.89 0.96 0.00
SHOREHAM_IC_1 23715	35.95 2.16 0.00	34.27 2.48 0.00	33.09 2.22 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.68 4.66 0.00	60.98 6.08 1.42	54.05 3.44 0.75	46.83 2.86 0.09	45.43 2.53 0.03	41.80 2.44 0.00	39.99 1.74 0.27	38.64 1.67 0.03	38.41 1.86 0.03	42.44 2.59 0.00	44.08 2.69 0.00	48.72 2.76 0.85	53.89 2.48 0.18	63.15 3.54 1.46	56.99 2.22 0.79	48.12 2.25 0.03	41.76 1.68 0.00	38.11 1.18 0.00
SHOREHAM_IC_2 23716	35.95 2.16 0.00	34.27 2.48 0.00	33.09 2.22 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.68 4.66 0.00	60.98 6.08 1.42	54.05 3.44 0.75	46.83 2.86 0.09	45.43 2.53 0.03	41.80 2.44 0.00	39.99 1.74 0.27	38.64 1.67 0.03	38.41 1.86 0.03	42.44 2.59 0.00	44.08 2.69 0.00	48.72 2.76 0.85	53.89 2.48 0.18	63.15 3.54 1.46	56.99 2.22 0.79	48.12 2.25 0.03	41.76 1.68 0.00	38.11 1.18 0.00
SISSONVILLE____ 23735	38.75 -0.98 -5.94	36.46 -0.99 -5.66	35.13 -0.96 -5.22	34.53 -0.90 -5.41	34.80 -0.88 -5.44	38.47 -0.97 -5.91	54.99 -1.72 -7.68	63.23 -1.58 -8.49	57.89 -1.64 -8.17	50.26 -1.28 -7.47	49.11 -1.12 -7.30	38.26 -1.10 0.00	37.39 -1.00 0.14	36.02 -0.96 0.02	35.50 -1.06 0.02	38.70 -1.16 0.00	40.35 -1.03 0.00	45.25 -1.12 0.44	50.36 -1.13 0.09	59.21 -1.10 0.76	54.26 -0.89 0.41	45.10 -0.78 0.02	39.40 -0.68 0.00	36.30 -0.63 0.00
SITHE_IND_GS1 24169	32.74 -1.05 0.00	30.77 -1.02 0.00	29.91 -0.96 0.00	29.09 -0.93 0.00	29.31 -0.94 0.00	32.53 -1.01 0.00	47.26 -1.76 0.00	42.82 -2.08 11.41	43.41 -1.90 6.05	41.70 -1.63 0.73	41.08 -1.59 0.26	37.90 -1.46 0.00	34.92 -1.42 2.19	35.38 -1.37 0.25	34.97 -1.35 0.25	38.36 -1.47 0.03	39.86 -1.53 0.00	38.23 -1.73 6.85	48.30 -1.86 1.43	47.19 -2.20 11.68	47.28 -1.95 6.33	44.00 -1.65 0.25	38.64 -1.44 0.00	35.75 -1.18 0.00
SITHE_IND_GS2 24170	32.74 -1.05 0.00	30.77 -1.02 0.00	29.91 -0.96 0.00	29.09 -0.93 0.00	29.31 -0.94 0.00	32.53 -1.01 0.00	47.26 -1.76 0.00	42.82 -2.08 11.41	43.41 -1.90 6.05	41.70 -1.63 0.73	41.08 -1.59 0.26	37.90 -1.46 0.00	34.92 -1.42 2.19	35.38 -1.37 0.25	34.97 -1.35 0.25	38.36 -1.47 0.03	39.86 -1.53 0.00	38.23 -1.73 6.85	48.30 -1.86 1.43	47.19 -2.20 11.68	47.28 -1.95 6.33	44.00 -1.65 0.25	38.64 -1.44 0.00	35.75 -1.18 0.00
SITHE_IND_GS3 24171	32.74 -1.05 0.00	30.77 -1.02 0.00	29.91 -0.96 0.00	29.09 -0.93 0.00	29.31 -0.94 0.00	32.53 -1.01 0.00	47.26 -1.76 0.00	42.82 -2.08 11.41	43.41 -1.90 6.05	41.70 -1.63 0.73	41.08 -1.59 0.26	37.90 -1.46 0.00	34.92 -1.42 2.19	35.38 -1.37 0.25	34.97 -1.35 0.25	38.36 -1.47 0.03	39.86 -1.53 0.00	38.23 -1.73 6.85	48.30 -1.86 1.43	47.19 -2.20 11.68	47.28 -1.95 6.33	44.00 -1.65 0.25	38.64 -1.44 0.00	35.75 -1.18 0.00
SITHE_IND_GS4 24172	32.74 -1.05 0.00	30.77 -1.02 0.00	29.91 -0.96 0.00	29.09 -0.93 0.00	29.31 -0.94 0.00	32.53 -1.01 0.00	47.26 -1.76 0.00	42.82 -2.08 11.41	43.41 -1.90 6.05	41.70 -1.63 0.73	41.08 -1.59 0.26	37.90 -1.46 0.00	34.92 -1.42 2.19	35.38 -1.37 0.25	34.97 -1.35 0.25	38.36 -1.47 0.03	39.86 -1.53 0.00	38.23 -1.73 6.85	48.30 -1.86 1.43	47.19 -2.20 11.68	47.28 -1.95 6.33	44.00 -1.65 0.25	38.64 -1.44 0.00	35.75 -1.18 0.00

SITHE___BATAVIA 24024	31.62 -2.16 0.00	29.60 -2.19 0.00	28.89 -1.98 0.00	28.04 -1.98 0.00	28.31 -1.94 0.00	31.55 -1.98 0.00	45.89 -3.14 0.00	48.51 -3.38 4.43	46.07 -2.88 2.42	41.14 -2.64 0.28	39.58 -2.57 0.77	36.26 -2.36 0.74	34.35 -2.39 1.80	34.70 -2.22 0.08	34.22 -2.27 0.08	37.34 -2.51 0.01	39.03 -2.36 0.00	41.26 -2.90 2.65	48.05 -2.99 0.54	53.24 -3.30 4.53	50.36 -2.89 2.30	43.48 -2.34 0.08	38.16 -1.92 0.00	35.67 -1.26 0.00
SITHE___INDEPEND 23800	32.74 -1.05 0.00	30.77 -1.02 0.00	29.91 -0.96 0.00	29.09 -0.93 0.00	29.31 -0.94 0.00	32.53 -1.01 0.00	47.26 -1.76 0.00	42.82 -2.08 11.41	43.41 -1.90 6.05	41.70 -1.63 0.73	41.08 -1.59 0.26	37.90 -1.46 0.00	34.92 -1.43 2.19	35.38 -1.37 0.25	34.97 -1.35 0.25	38.36 -1.47 0.03	39.86 -1.53 0.00	38.23 -1.73 6.85	48.30 -1.86 1.43	47.19 -2.20 11.68	47.28 -1.94 6.33	44.00 -1.65 0.25	38.60 -1.48 0.00	35.75 -1.18 0.00
SITHE___MASSENA 23902	34.86 -0.30 -1.38	32.78 -0.32 -1.31	31.43 -0.34 -0.90	31.00 -0.27 -1.25	31.23 -0.27 -1.26	34.57 -0.34 -1.37	49.57 -0.79 -1.33	57.42 -0.56 -1.67	52.48 -0.61 -1.73	45.33 -0.44 -1.71	44.32 -0.30 -1.68	39.04 -0.32 0.00	38.21 -0.23 0.09	36.81 -0.18 0.01	36.27 -0.29 0.01	39.50 -0.36 0.00	41.14 -0.25 0.00	46.25 -0.28 0.28	51.22 -0.31 0.06	60.34 -0.24 0.48	55.13 -0.17 0.26	45.80 -0.09 0.01	40.04 -0.04 0.00	36.93 0.00 0.00
SITHE___OGDNSBRG 24021	37.82 -0.10 -4.13	35.53 -0.19 -3.93	34.19 -0.19 -3.51	33.66 -0.12 -3.76	33.90 -0.12 -3.78	37.54 -0.10 -4.11	53.69 -0.49 -5.16	61.87 -0.23 -5.78	56.52 -0.46 -5.62	48.90 -0.35 -5.19	47.78 -0.21 -5.07	39.08 -0.28 0.00	38.14 -0.27 0.12	36.76 -0.22 0.01	36.23 -0.33 0.01	39.50 -0.36 0.00	41.22 -0.17 0.00	46.29 -0.14 0.38	51.56 0.05 0.08	60.85 0.43 0.65	55.70 0.50 0.35	46.25 0.37 0.01	40.44 0.36 0.00	37.26 0.33 0.00
SITHE___STERLING 23777	34.40 0.61 0.00	32.30 0.51 0.00	31.39 0.52 0.00	30.53 0.51 0.00	30.76 0.51 0.00	34.17 0.64 0.00	50.01 0.98 0.00	55.21 1.13 2.23	51.20 1.03 1.19	44.80 0.88 0.14	43.65 0.77 0.05	39.99 0.63 0.00	38.68 0.58 0.43	37.47 0.52 0.05	37.04 0.51 0.05	40.53 0.68 0.01	42.21 0.83 0.00	46.46 0.98 1.34	52.49 1.19 0.28	60.43 1.65 2.29	55.87 1.55 1.24	47.00 1.15 0.05	41.00 0.92 0.00	37.81 0.88 0.00
SLEIGHT__34_KV_TB1 80719	32.37 -1.42 0.00	30.33 -1.46 0.00	29.51 -1.36 0.00	28.67 -1.35 0.00	28.94 -1.30 0.00	32.23 -1.31 0.00	46.92 -2.11 0.00	50.44 -2.08 3.79	47.51 -1.80 2.05	42.23 -1.59 0.24	41.16 -1.55 0.23	37.79 -1.42 0.15	36.21 -1.39 0.93	35.70 -1.22 0.08	35.18 -1.32 0.08	38.37 -1.47 0.01	39.98 -1.41 0.00	42.90 -1.64 2.28	49.41 -1.70 0.47	55.23 -1.95 3.88	51.85 -1.67 2.04	44.35 -1.47 0.08	38.60 -1.48 0.00	35.89 -1.03 0.00
SOUTH CAIRO___GT 23612	35.78 1.99 0.00	33.70 1.91 0.00	32.59 1.73 0.00	31.67 1.65 0.00	31.97 1.72 0.00	35.58 2.05 0.00	52.41 3.38 0.00	58.31 3.38 1.38	46.44 2.47 0.73	45.05 2.15 0.03	41.17 1.81 0.00	39.92 1.66 0.27	38.49 1.52 0.03	38.08 1.54 0.03	41.65 1.79 0.00	43.25 1.86 0.00	48.37 2.39 0.83	54.15 2.73 0.17	63.19 3.54 1.42	57.90 3.11 0.77	48.35 2.48 0.03	42.20 2.12 0.00	38.85 1.92 0.00	
SOUTH HAMPTN___IC 23720	36.19 2.40 0.00	34.52 2.73 0.00	33.36 2.50 0.00	32.57 2.55 0.00	32.69 2.45 0.00	36.55 3.02 0.00	54.12 5.10 0.00	61.48 6.59 1.42	54.66 4.06 0.75	47.36 3.39 0.09	45.86 2.96 0.03	42.19 2.84 0.00	40.73 2.47 0.27	39.34 2.37 0.03	39.10 2.56 0.03	42.88 3.03 0.00	44.49 3.11 0.00	49.19 3.23 0.85	54.24 2.84 0.18	63.40 3.79 1.46	57.21 2.44 0.79	48.25 2.39 0.03	41.92 1.84 0.00	38.30 1.37 0.00
SOUTHDOW_115KV_TB1 355954	30.92 -2.87 0.00	29.02 -2.77 0.00	28.24 -2.62 0.00	27.50 -2.52 0.00	27.79 -2.45 0.00	30.98 -2.55 0.00	45.64 -3.38 0.00	47.08 -4.73 4.50	44.78 -4.11 2.47	40.35 -3.44 0.28	39.27 -3.09 0.57	36.06 -2.79 0.51	34.11 -2.89 1.54	34.00 -2.92 0.08	33.86 -2.63 0.08	37.02 -2.83 0.01	38.70 -2.69 0.00	39.90 -4.21 2.70	46.35 -4.69 0.55	51.33 -5.13 4.61	48.52 -4.78 2.26	42.24 -3.58 0.08	37.63 -2.44 0.00	35.41 -1.51 0.00
SOUTHOLD_69_KV_BK 2 55809	36.36 2.57 0.00	34.74 2.96 0.00	33.76 2.90 0.00	32.84 2.82 0.00	32.97 2.72 0.00	36.89 3.35 0.00	54.56 5.54 0.00	62.10 7.21 1.42	55.28 4.67 0.75	47.71 3.75 0.09	46.07 3.18 0.03	42.39 3.03 0.00	40.88 2.62 0.27	39.52 2.55 0.03	39.32 2.78 0.03	43.08 3.23 0.00	44.62 3.23 0.00	49.47 3.51 0.85	54.14 2.73 0.18	63.03 3.42 1.46	57.38 2.61 0.79	47.98 2.11 0.03	41.84 1.76 0.00	38.26 1.33 0.00
SOUTHOLD___IC 23719	36.35 2.57 0.00	34.75 2.96 0.00	33.64 2.78 0.00	32.88 2.85 0.00	33.02 2.78 0.00	36.89 3.35 0.00	54.66 5.64 0.00	62.10 7.21 1.42	55.23 4.62 0.75	47.80 3.83 0.09	46.12 3.22 0.03	42.43 3.07 0.00	40.92 2.66 0.27	39.56 2.59 0.03	39.36 2.82 0.03	43.12 3.27 0.00	44.70 3.31 0.00	49.51 3.56 0.85	54.24 2.84 0.18	63.21 3.60 1.46	56.93 2.16 0.79	48.03 2.16 0.03	41.68 1.60 0.00	38.26 1.33 0.00
SOUTH_FORK_WT_PWR 323839	36.22 2.43 0.00	34.68 2.89 0.00	33.61 2.75 0.00	32.88 2.85 0.00	33.00 2.75 0.00	36.89 3.35 0.00	54.61 5.59 0.00	61.99 7.10 1.42	55.07 4.47 0.75	47.67 3.70 0.09	45.90 3.00 0.03	42.19 2.84 0.00	40.73 2.47 0.27	39.37 2.40 0.03	39.21 2.67 0.03	42.97 3.11 0.00	44.45 3.06 0.00	49.23 3.28 0.85	53.73 2.32 0.18	62.48 2.87 1.46	56.15 1.39 0.79	47.38 1.51 0.03	41.12 1.04 0.00	37.89 0.96 0.00
SPIERFLS_115KV_TB 1 80737	34.73 0.95 0.00	32.71 0.92 0.00	31.67 0.80 0.00	30.83 0.81 0.00	31.06 0.82 0.00	34.54 1.01 0.00	51.13 2.11 0.00	57.06 2.14 1.39	52.68 2.05 0.74	45.56 1.59 0.09	44.27 1.37 0.03	40.54 1.18 0.00	39.30 1.04 0.27	37.82 0.85 0.03	37.49 0.95 0.03	41.05 1.20 0.00	42.55 1.16 0.00	47.52 1.54 0.84	52.96 1.55 0.18	61.72 2.08 1.43	56.45 1.67 0.77	47.25 1.38 0.03	41.16 1.08 0.00	37.67 0.74 0.00
ST LAWRENCE____ 23600	33.38 -0.40 0.00	31.37 -0.41 0.00	30.46 -0.40 0.00	29.66 -0.36 0.00	29.88 -0.36 0.00	33.10 -0.44 0.00	48.14 -0.88 0.00	55.07 -0.84 0.40	50.32 -0.82 0.21	43.42 -0.62 0.03	42.41 -0.51 0.01	38.89 -0.47 0.00	38.03 -0.42 0.08	36.62 -0.37 0.01	36.13 -0.44 0.01	39.34 -0.52 0.00	40.93 -0.45 0.00	46.06 -0.51 0.24	50.97 -0.57 0.05	60.05 -0.61 0.41	54.83 -0.50 0.22	45.52 -0.37 0.01	39.84 -0.24 0.00	36.74 -0.18 0.00
STATE_CA_115KV_115_LB 55624	35.00 1.22 0.00	33.03 1.24 0.00	32.00 1.14 0.00	31.13 1.11 0.00	31.36 1.12 0.00	34.84 1.31 0.00	51.13 2.11 0.00	57.13 2.20 1.38	52.74 2.11 0.73	45.73 1.76 0.09	44.53 1.63 0.03	40.85 1.50 0.00	39.69 1.43 0.26	38.27 1.30 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.79 1.41 0.00	47.58 1.59 0.83	53.01 1.60 0.17	61.55 1.89 1.41	56.40 1.61 0.77	47.16 1.29 0.03	41.20 1.12 0.00	37.81 0.89 0.00

STATE_ST_34_KV_LOAD 55959	33.35 -0.44 0.00	31.31 -0.48 0.00	30.40 -0.46 0.00	29.57 -0.45 0.00	29.82 -0.42 0.00	33.16 -0.37 0.00	48.39 -0.64 0.00	53.44 -0.62 2.25	49.66 -0.51 1.19	43.38 -0.53 0.15	42.48 -0.52 -0.07	39.02 -0.47 -0.13	37.77 -0.50 0.26	36.50 -0.44 0.06	36.11 -0.40 0.06	39.41 -0.44 0.01	41.06 -0.33 0.00	45.04 -0.42 1.36	50.89 -0.41 0.29	58.39 -0.37 2.31	53.96 -0.28 1.32	45.52 -0.32 0.06	39.72 -0.36 0.00	36.78 -0.15 0.00
STATION_5_MISC_HYD 23604	31.96 -1.83 0.00	29.94 -1.84 0.00	29.20 -1.67 0.00	28.34 -1.68 0.00	28.58 -1.66 0.00	31.82 -1.71 0.00	46.23 -2.79 0.00	49.10 -2.81 4.40	46.50 -2.46 2.39	41.58 -2.20 0.28	40.38 -2.10 0.44	37.05 -1.93 0.38	35.27 -1.93 1.34	35.18 -1.74 0.09	34.70 -1.79 0.09	37.86 -1.99 0.01	39.36 -2.03 0.00	41.88 -2.29 2.64	48.57 -2.48 0.54	53.82 -2.75 4.50	50.85 -2.39 2.32	43.80 -2.02 0.09	38.24 -1.84 0.00	35.60 -1.33 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.74 -1.05 0.00	30.71 -1.08 0.00	29.88 -0.99 0.00	29.00 -1.02 0.00	29.31 -0.94 0.00	32.63 -0.91 0.00	47.60 -1.42 0.00	51.39 -1.35 3.58	48.33 -1.08 1.95	42.82 -1.01 0.23	41.66 -0.99 0.28	38.20 -0.94 0.22	36.62 -0.92 0.98	36.08 -0.85 0.07	35.63 -0.88 0.07	38.89 -0.96 0.01	40.56 -0.83 0.00	43.64 -1.03 2.15	50.17 -0.98 0.44	56.25 -1.16 3.66	52.72 -0.94 1.89	44.96 -0.87 0.07	39.20 -0.88 0.00	36.41 -0.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.86 -1.93 0.00	29.88 -1.91 0.00	29.07 -1.79 0.00	28.25 -1.77 0.00	28.52 -1.72 0.00	31.72 -1.81 0.00	46.13 -2.89 0.00	48.97 -2.98 4.36	46.42 -2.57 2.37	41.54 -2.25 0.27	40.40 -2.19 0.34	37.09 -2.01 0.26	35.38 -1.97 1.19	35.10 -1.81 0.08	34.59 -1.90 0.08	37.74 -2.11 0.01	39.32 -2.07 0.00	41.81 -2.39 2.61	48.57 -2.48 0.54	53.74 -2.87 4.46	50.75 -2.50 2.30	43.66 -2.16 0.08	38.00 -2.08 0.00	35.49 -1.44 0.00
STA_56___34_KV_BUS2 355983	31.86 -1.93 0.00	29.88 -1.91 0.00	29.07 -1.79 0.00	28.25 -1.77 0.00	28.52 -1.72 0.00	31.72 -1.81 0.00	46.13 -2.89 0.00	48.97 -2.98 4.36	46.42 -2.57 2.37	41.54 -2.25 0.27	40.40 -2.19 0.34	37.09 -2.01 0.26	35.38 -1.97 1.19	35.10 -1.81 0.08	34.59 -1.90 0.08	37.74 -2.11 0.01	39.32 -2.07 0.00	41.81 -2.39 2.61	48.57 -2.48 0.54	53.74 -2.87 4.46	50.75 -2.50 2.30	43.66 -2.16 0.08	38.00 -2.08 0.00	35.49 -1.44 0.00
STA_67___115KV_BK2 355882	31.90 -1.89 0.00	29.91 -1.88 0.00	29.10 -1.76 0.00	28.28 -1.74 0.00	28.55 -1.69 0.00	31.76 -1.78 0.00	46.13 -2.89 0.00	48.93 -2.98 4.40	46.35 -2.62 2.39	41.49 -2.29 0.28	40.25 -2.23 0.45	36.93 -2.05 0.38	35.19 -2.00 1.34	35.07 -1.85 0.09	34.55 -1.94 0.09	37.70 -2.15 0.01	39.28 -2.11 0.00	41.74 -2.43 2.64	48.52 -2.53 0.54	53.63 -2.93 4.50	50.68 -2.56 2.32	43.66 -2.16 0.09	38.00 -2.08 0.00	35.53 -1.40 0.00
STA_7___115KV_9TRANS 80674	32.06 -1.72 0.00	30.04 -1.75 0.00	29.26 -1.60 0.00	28.40 -1.62 0.00	28.70 -1.54 0.00	31.92 -1.61 0.00	46.38 -2.65 0.00	49.27 -2.65 4.40	46.71 -2.26 2.39	41.80 -1.98 0.28	40.55 -1.93 0.44	37.21 -1.77 0.38	35.46 -1.73 1.34	35.36 -1.55 0.09	34.84 -1.65 0.09	37.98 -1.87 0.01	39.61 -1.78 0.00	42.12 -2.06 2.64	48.93 -2.12 0.54	54.12 -2.44 4.50	51.12 -2.11 2.32	44.02 -1.79 0.09	38.28 -1.80 0.00	35.78 -1.14 0.00
STA_82___115KV_TB1 80780	31.90 -1.89 0.00	29.91 -1.88 0.00	29.10 -1.76 0.00	28.28 -1.74 0.00	28.55 -1.69 0.00	31.76 -1.78 0.00	46.13 -2.89 0.00	48.94 -2.98 4.39	46.35 -2.62 2.39	41.49 -2.29 0.28	40.35 -2.23 0.35	37.04 -2.05 0.27	35.32 -2.00 1.21	35.10 -1.81 0.08	34.55 -1.94 0.08	37.70 -2.15 0.01	39.28 -2.11 0.00	41.79 -2.39 2.63	48.52 -2.53 0.54	53.64 -2.93 4.49	50.74 -2.50 2.31	43.66 -2.16 0.08	38.00 -2.08 0.00	35.53 -1.40 0.00
STEEL___WIND 323596	30.81 -2.97 0.00	28.93 -2.86 0.00	28.24 -2.62 0.00	27.44 -2.58 0.00	27.67 -2.57 0.00	30.78 -2.75 0.00	44.76 -4.27 0.00	46.39 -5.46 4.46	44.15 -4.78 2.44	39.82 -3.97 0.28	38.36 -3.69 0.88	35.20 -3.31 0.85	33.16 -3.43 1.94	33.52 -3.40 0.08	33.17 -3.33 0.08	36.18 -3.67 0.01	37.95 -3.43 0.00	39.51 -4.64 2.67	45.83 -5.21 0.54	50.52 -5.98 4.57	47.89 -5.39 2.28	41.50 -4.32 0.08	37.16 -2.92 0.00	34.86 -2.07 0.00
STEPHTWN_115KV_BK_2 55603	35.17 1.39 0.00	33.19 1.40 0.00	32.16 1.30 0.00	31.28 1.26 0.00	31.51 1.27 0.00	35.04 1.51 0.00	51.43 2.40 0.00	57.47 2.53 1.37	53.05 2.41 0.73	45.96 1.98 0.09	44.75 1.85 0.03	41.01 1.65 0.00	39.85 1.58 0.26	38.41 1.44 0.03	38.04 1.50 0.03	41.57 1.71 0.00	43.00 1.61 0.00	47.86 1.87 0.83	53.38 1.96 0.17	61.98 2.32 1.41	56.79 2.00 0.76	47.48 1.61 0.03	41.44 1.36 0.00	38.04 1.11 0.00
STEUBEN_REC_LFGE 323667	31.19 -2.60 0.00	29.25 -2.54 0.00	28.42 -2.44 0.00	27.62 -2.40 0.00	27.88 -2.36 0.00	31.15 -2.38 0.00	45.45 -3.58 0.00	45.94 -4.51 5.87	43.87 -4.01 3.48	40.14 -3.57 0.35	39.15 -3.69 0.09	36.07 -3.35 -0.06	34.18 -3.12 1.23	33.97 -2.96 0.07	33.80 -2.71 0.07	37.14 -2.71 0.01	39.07 -2.32 0.00	40.74 -2.57 3.50	48.33 -2.58 0.68	52.13 -2.93 6.01	50.25 -2.72 2.58	43.49 -2.34 0.07	38.16 -1.92 0.00	35.41 -1.51 0.00
STILLWATER___SOLAR 323814	35.24 1.45 0.00	33.19 1.40 0.00	32.16 1.30 0.00	31.28 1.26 0.00	31.51 1.27 0.00	35.01 1.47 0.00	51.67 2.65 0.00	57.63 2.70 1.39	53.19 2.57 0.74	46.00 2.03 0.09	44.74 1.84 0.03	40.97 1.61 0.00	39.77 1.50 0.27	38.26 1.29 0.03	37.93 1.39 0.03	41.49 1.63 0.00	42.96 1.57 0.00	47.99 2.01 0.84	53.58 2.17 0.17	62.27 2.62 1.42	57.06 2.28 0.77	47.71 1.84 0.03	41.60 1.52 0.00	38.15 1.22 0.00
STONY___BROOK 24151	36.19 2.40 0.00	34.30 2.51 0.00	33.15 2.28 0.00	32.30 2.28 0.00	32.45 2.21 0.00	36.25 2.71 0.00	53.49 4.46 0.00	60.75 5.86 1.42	54.66 4.06 0.75	47.58 3.61 0.09	46.25 3.35 0.03	42.54 3.19 0.00	41.15 2.89 0.27	39.71 2.74 0.03	39.47 2.93 0.03	43.16 3.31 0.00	44.82 3.43 0.00	49.51 3.56 0.85	54.81 3.40 0.18	63.95 4.34 1.46	57.99 3.22 0.79	48.94 3.08 0.03	42.57 2.49 0.00	38.81 1.88 0.00
STURGEON_POOL_HYD 23609	35.27 1.49 0.00	33.25 1.46 0.00	32.22 1.36 0.00	31.31 1.29 0.00	31.51 1.27 0.00	34.97 1.44 0.00	51.72 2.70 0.00	57.99 3.10 1.42	53.28 2.67 0.75	46.26 2.29 0.09	45.09 2.19 0.03	41.40 2.05 0.00	40.22 1.97 0.27	38.86 1.89 0.03	38.48 1.94 0.03	41.97 2.11 0.00	43.50 2.11 0.00	48.25 2.29 0.85	53.78 2.37 0.18	62.49 2.87 1.45	57.21 2.44 0.79	47.93 2.07 0.03	41.84 1.76 0.00	38.29 1.37 0.00
ST_LAW_115_BK7_LBMP 345037	33.35 -0.44 0.00	31.34 -0.45 0.00	30.43 -0.43 0.00	29.63 -0.39 0.00	29.85 -0.39 0.00	33.06 -0.47 0.00	48.09 -0.93 0.00	54.99 -0.90 0.42	50.27 -0.87 0.22	43.37 -0.66 0.03	42.36 -0.56 0.01	38.84 -0.51 0.00	38.03 -0.42 0.08	36.62 -0.37 0.01	36.09 -0.48 0.01	39.30 -0.56 0.00	40.93 -0.45 0.00	46.00 -0.56 0.25	50.97 -0.57 0.05	59.97 -0.67 0.43	54.82 -0.50 0.23	45.52 -0.37 0.01	39.80 -0.28 0.00	36.71 -0.22 0.00

ST_LAW_115_BK8_LBMP 345038	33.35 -0.44 0.00	31.34 -0.45 0.00	30.43 -0.43 0.00	29.63 -0.39 0.00	29.85 -0.39 0.00	33.06 -0.47 0.00	48.09 -0.93 0.00	54.99 -0.90 0.42	50.27 -0.87 0.22	43.37 -0.66 0.03	42.36 -0.56 0.01	38.84 -0.51 0.00	38.03 -0.42 0.08	36.62 -0.37 0.01	36.09 -0.48 0.01	39.30 -0.56 0.00	40.93 -0.45 0.00	46.00 -0.56 0.25	50.97 -0.57 0.05	59.97 -0.67 0.43	54.82 -0.50 0.23	45.52 -0.37 0.01	39.80 -0.28 0.00	36.71 -0.22 0.00
ST_LAW_230_BK5_LBMP 345035	33.38 -0.40 0.00	31.37 -0.41 0.00	30.46 -0.40 0.00	29.66 -0.36 0.00	29.88 -0.36 0.00	33.10 -0.44 0.00	48.14 -0.88 0.00	55.09 -0.84 0.38	50.33 -0.82 0.20	43.42 -0.62 0.02	42.41 -0.51 0.01	38.89 -0.47 0.00	38.04 -0.42 0.07	36.62 -0.37 0.01	36.13 -0.44 0.01	39.34 -0.52 0.00	40.93 -0.45 0.00	46.07 -0.51 0.23	50.97 -0.57 0.05	60.07 -0.61 0.39	54.84 -0.50 0.21	45.52 -0.37 0.01	39.84 -0.24 0.00	36.74 -0.18 0.00
ST_LAW_230_BK6_LBMP 345036	33.38 -0.40 0.00	31.37 -0.41 0.00	30.46 -0.40 0.00	29.66 -0.36 0.00	29.88 -0.36 0.00	33.10 -0.44 0.00	48.14 -0.88 0.00	55.09 -0.84 0.38	50.33 -0.82 0.20	43.42 -0.62 0.02	42.41 -0.51 0.01	38.89 -0.47 0.00	38.04 -0.42 0.07	36.62 -0.37 0.01	36.13 -0.44 0.01	39.34 -0.52 0.00	40.93 -0.45 0.00	46.07 -0.51 0.23	50.97 -0.57 0.05	60.07 -0.61 0.39	54.84 -0.50 0.21	45.52 -0.37 0.01	39.84 -0.24 0.00	36.74 -0.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.97 1.18 0.00	33.00 1.21 0.00	31.97 1.11 0.00	31.07 1.05 0.00	31.30 1.06 0.00	34.71 1.17 0.00	51.33 2.30 0.00	57.64 2.76 1.43	52.91 2.31 0.76	45.95 1.98 0.09	44.74 1.85 0.03	41.13 1.77 0.00	39.95 1.70 0.27	38.60 1.63 0.03	38.22 1.68 0.03	41.69 1.83 0.00	43.17 1.78 0.00	47.92 1.97 0.86	53.42 2.01 0.18	62.11 2.50 1.47	56.87 2.11 0.80	47.57 1.70 0.03	41.52 1.44 0.00	38.00 1.07 0.00
SWANROAD_115KV_TB1 355699	30.04 -3.75 0.00	28.16 -3.62 0.00	27.44 -3.43 0.00	26.69 -3.33 0.00	26.98 -3.27 0.00	29.98 -3.55 0.00	43.34 -3.14 0.00	45.16 -6.70 4.46	42.91 -6.01 2.44	38.67 -5.11 0.28	37.07 -4.89 0.96	33.89 -4.53 0.94	31.92 -4.55 2.06	32.70 -4.22 0.08	32.29 -4.21 0.08	35.11 -4.74 0.01	36.67 -4.72 0.00	38.53 -5.62 2.67	44.85 -6.19 0.55	49.30 -7.21 4.56	46.87 -6.39 2.29	40.63 -5.19 0.08	35.71 -4.37 0.00	33.79 -3.14 0.00
SYNERGY___BIOGAS 323694	31.62 -2.16 0.00	29.60 -2.19 0.00	28.89 -1.98 0.00	28.04 -1.98 0.00	28.31 -1.94 0.00	31.55 -1.98 0.00	45.89 -3.14 0.00	48.51 -3.38 4.43	46.07 -2.88 2.42	41.14 -2.64 0.28	39.58 -2.57 0.77	36.26 -2.36 0.74	34.35 -2.39 1.80	34.70 -2.22 0.08	34.22 -2.27 0.08	37.34 -2.51 0.01	39.03 -2.36 0.00	41.26 -2.90 2.65	48.05 -2.99 0.54	53.24 -3.30 4.53	50.36 -2.89 2.30	43.48 -2.34 0.08	38.16 -1.92 0.00	35.67 -1.26 0.00
SYRACUSE___ENERGY_ST1 323597	33.42 -0.37 0.00	31.41 -0.38 0.00	30.49 -0.37 0.00	29.63 -0.39 0.00	29.88 -0.36 0.00	33.20 -0.34 0.00	48.39 -0.64 0.00	53.31 -0.62 2.38	49.53 -0.56 1.26	43.42 -0.48 0.15	42.40 -0.47 0.05	38.92 -0.43 0.00	37.65 -0.42 0.46	36.58 -0.37 0.05	36.15 -0.37 0.05	39.45 -0.40 0.01	41.02 -0.37 0.00	44.91 -0.47 1.43	50.82 -0.46 0.30	58.14 -0.49 2.44	53.79 -0.44 1.32	45.43 -0.41 0.05	39.68 -0.40 0.00	36.71 -0.22 0.00
SYRACUSE___ENERGY_ST2 323598	33.42 -0.37 0.00	31.41 -0.38 0.00	30.49 -0.37 0.00	29.63 -0.39 0.00	29.88 -0.36 0.00	33.20 -0.34 0.00	48.39 -0.64 0.00	53.31 -0.62 2.38	49.53 -0.56 1.26	43.42 -0.48 0.15	42.40 -0.47 0.05	38.92 -0.43 0.00	37.65 -0.42 0.46	36.58 -0.37 0.05	36.15 -0.37 0.05	39.45 -0.40 0.01	41.02 -0.37 0.00	44.91 -0.47 1.43	50.82 -0.46 0.30	58.14 -0.49 2.44	53.79 -0.44 1.32	45.43 -0.41 0.05	39.68 -0.40 0.00	36.71 -0.22 0.00
SYRACUSE___POWER 24017	33.32 -0.47 0.00	31.31 -0.48 0.00	30.40 -0.46 0.00	29.57 -0.45 0.00	29.82 -0.42 0.00	33.10 -0.44 0.00	48.29 -0.74 0.00	52.95 -0.79 2.58	49.28 -0.72 1.36	43.28 -0.62 0.17	42.36 -0.60 -0.03	38.90 -0.55 -0.09	37.62 -0.54 0.37	36.42 -0.52 0.06	36.00 -0.51 0.06	39.33 -0.52 0.01	40.89 -0.50 0.00	44.65 -0.61 1.55	50.59 -0.67 0.33	57.76 -0.67 2.64	53.47 -0.61 1.48	45.29 -0.55 0.06	39.56 -0.52 0.00	36.60 -0.33 0.00
TALLMAN___138KV_BK151 55660	35.11 1.32 0.00	33.12 1.34 0.00	32.10 1.23 0.00	31.22 1.20 0.00	31.42 1.18 0.00	34.84 1.31 0.00	51.62 2.60 0.00	58.04 3.15 1.43	53.22 2.62 0.76	46.22 2.25 0.09	45.04 2.15 0.03	41.40 2.05 0.00	40.22 1.97 0.27	38.82 1.85 0.03	38.48 1.94 0.03	41.97 2.11 0.00	43.42 2.03 0.00	48.20 2.25 0.86	53.68 2.27 0.18	62.41 2.81 1.46	57.15 2.39 0.79	47.80 1.93 0.03	41.72 1.64 0.00	38.11 1.18 0.00
TEALLAVE_115KV_TB7 355573	33.21 -0.57 0.00	31.22 -0.57 0.00	30.34 -0.52 0.00	29.48 -0.54 0.00	29.73 -0.51 0.00	33.00 -0.54 0.00	48.14 -0.88 0.00	52.43 -0.96 2.92	48.94 -0.87 1.55	43.17 -0.70 0.19	42.13 -0.73 0.07	38.69 -0.67 0.00	37.32 -0.66 0.56	36.34 -0.59 0.06	35.92 -0.59 0.06	39.21 -0.64 0.01	40.77 -0.62 0.00	44.31 -0.75 1.76	50.40 -0.83 0.37	57.16 -0.92 2.99	53.10 -0.83 1.62	45.10 -0.73 0.06	39.40 -0.68 0.00	36.45 -0.48 0.00
TELGRAPH_34_KV_EAST 80808	30.85 -2.94 0.00	28.90 -2.89 0.00	28.15 -2.72 0.00	27.38 -2.64 0.00	27.67 -2.57 0.00	30.78 -2.75 0.00	44.61 -4.41 0.00	46.86 -5.01 4.44	44.51 -4.42 2.43	39.95 -3.83 0.28	38.34 -3.69 0.90	35.10 -3.38 0.88	33.16 -3.39 1.98	33.74 -3.18 0.08	33.31 -3.18 0.08	36.26 -3.59 0.01	37.87 -3.52 0.00	39.94 -4.21 2.66	46.45 -4.59 0.54	51.27 -5.25 4.55	48.65 -4.61 2.30	42.05 -3.76 0.08	36.87 -3.21 0.00	34.75 -2.18 0.00
TEMPLE___115KV_TB 2 55572	33.25 -0.54 0.00	31.25 -0.54 0.00	30.34 -0.52 0.00	29.51 -0.51 0.00	29.73 -0.51 0.00	33.03 -0.50 0.00	48.14 -0.88 0.00	52.42 -0.96 2.94	48.98 -0.82 1.56	43.17 -0.70 0.19	42.18 -0.69 0.07	38.73 -0.63 0.00	37.35 -0.62 0.56	36.38 -0.56 0.06	35.96 -0.55 0.06	39.25 -0.60 0.01	40.77 -0.62 0.00	44.30 -0.75 1.76	50.39 -0.83 0.37	57.21 -0.85 3.01	53.15 -0.78 1.63	45.10 -0.73 0.06	39.40 -0.68 0.00	36.49 -0.44 0.00
TIANA____69_KV_BK 1 55817	36.15 2.37 0.00	34.46 2.67 0.00	33.42 2.56 0.00	32.45 2.43 0.00	32.60 2.36 0.00	36.45 2.92 0.00	53.98 4.95 0.00	61.37 6.48 1.42	54.61 4.01 0.75	47.19 3.22 0.09	45.77 2.88 0.03	42.11 2.76 0.00	40.61 2.35 0.27	39.26 2.29 0.03	39.03 2.49 0.03	42.76 2.91 0.00	44.37 2.98 0.00	49.14 3.18 0.85	54.19 2.79 0.18	63.34 3.73 1.46	57.77 3.00 0.79	48.30 2.43 0.03	42.16 2.08 0.00	38.37 1.44 0.00
TILDEN___115KV_TB1 80814	33.32 -0.47 0.00	31.31 -0.48 0.00	30.40 -0.46 0.00	29.57 -0.45 0.00	29.82 -0.42 0.00	33.10 -0.44 0.00	48.29 -0.74 0.00	52.95 -0.79 2.58	49.28 -0.72 1.36	43.28 -0.62 0.17	42.36 -0.60 -0.03	38.90 -0.55 -0.09	37.62 -0.54 0.37	36.42 -0.52 0.06	36.00 -0.51 0.06	39.33 -0.52 0.01	40.89 -0.50 0.00	44.65 -0.61 1.55	50.59 -0.67 0.33	57.76 -0.67 2.64	53.47 -0.61 1.48	45.29 -0.55 0.06	39.56 -0.52 0.00	36.60 -0.33 0.00

TRIGEN___CC 323695	35.78 1.99 0.00	33.76 1.97 0.00	32.71 1.85 0.00	31.76 1.74 0.00	31.94 1.69 0.00	35.58 2.05 0.00	52.41 3.38 0.00	59.34 4.45 1.42	54.05 3.44 0.75	47.05 3.08 0.09	45.82 2.92 0.03	42.15 2.79 0.00	40.88 2.62 0.27	39.49 2.52 0.03	39.17 2.63 0.03	42.76 2.91 0.00	44.33 2.94 0.00	49.05 3.09 0.85	54.35 2.94 0.18	63.15 3.54 1.46	57.77 3.00 0.79	48.53 2.66 0.03	42.44 2.36 0.00	38.66 1.74 0.00
TRINITY___115KV___4 BK 55933	34.94 1.15 0.00	32.96 1.18 0.00	31.94 1.08 0.00	31.07 1.05 0.00	31.30 1.06 0.00	34.77 1.24 0.00	50.99 1.96 0.00	56.97 2.03 1.37	52.58 1.95 0.73	45.60 1.63 0.09	44.40 1.50 0.03	40.73 1.38 0.00	39.58 1.31 0.26	38.19 1.22 0.03	37.82 1.28 0.03	41.25 1.40 0.00	42.67 1.28 0.00	47.44 1.45 0.83	52.86 1.44 0.17	61.31 1.65 1.41	56.18 1.39 0.76	47.02 1.15 0.03	41.08 1.00 0.00	37.74 0.81 0.00
UNION___PROCESSING_DRP 323587	31.90 -1.89 0.00	29.91 -1.88 0.00	29.10 -1.76 0.00	28.28 -1.74 0.00	28.58 -1.66 0.00	31.76 -1.78 0.00	46.13 -2.89 0.00	48.95 -2.98 4.38	46.35 -2.62 2.39	41.49 -2.29 0.28	40.35 -2.23 0.35	37.04 -2.05 0.27	35.32 -2.00 1.21	35.10 -1.81 0.08	34.59 -1.90 0.08	37.70 -2.15 0.01	39.28 -2.11 0.00	41.80 -2.39 2.63	48.52 -2.53 0.54	53.71 -2.87 4.49	50.74 -2.50 2.31	43.70 -2.11 0.08	38.04 -2.04 0.00	35.53 -1.40 0.00
UPPER HUDSON___HYD 24058	34.73 0.94 0.00	32.71 0.92 0.00	31.66 0.80 0.00	30.83 0.81 0.00	31.06 0.82 0.00	34.54 1.01 0.00	51.13 2.11 0.00	57.06 2.14 1.39	52.62 2.00 0.74	45.56 1.58 0.09	44.27 1.37 0.03	40.54 1.18 0.00	39.30 1.04 0.27	37.82 0.85 0.03	37.49 0.95 0.03	41.05 1.19 0.00	42.54 1.16 0.00	47.52 1.54 0.84	52.96 1.55 0.18	61.59 1.95 1.43	56.45 1.67 0.77	47.25 1.38 0.03	41.16 1.08 0.00	37.67 0.74 0.00
UPPER RAQUET___HYD 24056	38.75 -0.98 -5.94	36.46 -0.99 -5.66	35.13 -0.96 -5.22	34.53 -0.90 -5.41	34.80 -0.88 -5.44	38.47 -0.97 -5.91	54.99 -1.72 -7.68	63.23 -1.58 -8.49	57.89 -1.65 -8.17	50.26 -1.28 -7.47	49.07 -1.16 -7.30	38.26 -1.10 0.00	37.39 -1.00 0.14	36.02 -0.96 0.02	35.49 -1.06 0.02	38.70 -1.16 0.00	40.35 -1.03 0.00	45.25 -1.12 0.44	50.36 -1.14 0.09	59.22 -1.10 0.76	54.25 -0.89 0.41	45.10 -0.78 0.02	39.40 -0.68 0.00	36.30 -0.63 0.00
VALLEY44_115KV_TB2 355964	31.05 -2.74 0.00	29.21 -2.57 0.00	28.46 -2.41 0.00	27.71 -2.31 0.00	27.98 -2.27 0.00	31.05 -2.48 0.00	45.64 -3.38 0.00	46.12 -5.69 4.51	43.91 -4.98 2.47	39.65 -4.14 0.27	38.69 -3.65 0.59	35.48 -3.35 0.53	33.38 -3.58 1.57	33.11 -3.81 0.07	33.24 -3.25 0.07	36.46 -3.39 0.01	38.28 -3.10 0.00	39.11 -5.01 2.70	45.26 -5.78 0.55	50.04 -6.41 4.62	47.26 -6.06 2.24	41.37 -4.45 0.07	37.35 -2.73 0.00	35.12 -1.81 0.00
VALLEY___115KV_TB 1-4 80826	32.91 -0.88 0.00	30.96 -0.83 0.00	30.06 -0.80 0.00	29.24 -0.78 0.00	29.43 -0.82 0.00	32.66 -0.87 0.00	47.85 -1.18 0.00	53.21 -1.41 1.70	49.18 -1.28 0.90	42.89 -1.06 0.11	41.86 -1.03 0.04	38.41 -0.94 0.00	37.28 -0.92 0.33	36.08 -0.89 0.04	35.66 -0.88 0.04	39.06 -0.80 0.00	40.60 -0.79 0.00	45.00 -0.80 1.02	50.60 -0.77 0.21	58.54 -0.79 1.74	53.89 -0.72 0.94	45.17 -0.69 0.04	39.36 -0.72 0.00	36.15 -0.78 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.21 1.42 0.00	33.09 1.30 0.00	32.16 1.30 0.00	31.28 1.26 0.00	31.48 1.24 0.00	34.97 1.44 0.00	51.43 2.40 0.00	56.96 2.82 2.17	52.83 2.62 1.15	46.21 2.29 0.14	45.11 2.23 0.05	41.29 1.93 0.00	39.93 1.81 0.42	38.66 1.70 0.05	38.24 1.72 0.05	41.85 1.99 0.01	43.46 2.07 0.00	47.85 2.34 1.30	53.79 2.48 0.27	61.90 3.05 2.22	57.19 2.83 1.20	48.10 2.25 0.05	42.00 1.92 0.00	38.66 1.74 0.00
VISCHER___FERRY HYD 24020	35.14 1.35 0.00	33.12 1.33 0.00	32.13 1.27 0.00	31.25 1.23 0.00	31.48 1.24 0.00	34.94 1.41 0.00	51.33 2.30 0.00	57.24 2.31 1.38	52.88 2.26 0.73	45.78 1.81 0.09	44.57 1.67 0.03	40.85 1.50 0.00	39.69 1.43 0.27	38.26 1.29 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.75 1.36 0.00	47.62 1.64 0.83	53.22 1.80 0.17	61.73 2.08 1.42	56.56 1.78 0.77	47.34 1.47 0.03	41.32 1.24 0.00	37.93 1.00 0.00
V_A_10_SYNC_DSASP 323832	30.88 -2.91 0.00	28.99 -2.80 0.00	28.27 -2.59 0.00	27.47 -2.55 0.00	27.70 -2.54 0.00	30.78 -2.75 0.00	44.56 -4.46 0.00	47.07 -4.79 4.46	44.51 -4.42 2.43	39.99 -3.79 0.28	38.48 -3.69 0.75	35.30 -3.35 0.71	33.41 -3.35 1.77	33.81 -3.11 0.08	33.34 -3.15 0.08	36.34 -3.51 0.01	37.75 -3.64 0.00	40.07 -4.07 2.67	46.55 -4.49 0.55	51.31 -5.19 4.57	48.73 -4.50 2.33	42.05 -3.76 0.08	36.87 -3.21 0.00	34.53 -2.40 0.00
V_CMM_10_SYNC_DSASP 323787	33.48 -0.30 0.00	31.47 -0.32 0.00	30.55 -0.31 0.00	29.75 -0.27 0.00	29.97 -0.27 0.00	33.20 -0.34 0.00	48.29 -0.73 0.00	55.28 -0.62 0.42	50.47 -0.67 0.22	43.55 -0.48 0.03	42.58 -0.34 0.01	39.04 -0.32 0.00	38.22 -0.23 0.08	36.77 -0.22 0.01	36.27 -0.29 0.01	39.50 -0.36 0.00	41.10 -0.29 0.00	46.24 -0.33 0.25	51.18 -0.36 0.05	60.28 -0.36 0.43	55.05 -0.28 0.23	45.71 -0.18 0.01	40.00 -0.08 0.00	36.89 -0.04 0.00
V_CMP_10_SYNC_DSASP 323788	-6.39 -1.52 38.66	-6.49 -1.46 36.82	-6.51 -1.45 35.92	-6.52 -1.35 35.19	-6.49 -1.36 35.37	-6.40 -1.51 38.42	-6.22 -2.40 52.84	-6.27 -2.08 60.50	-6.49 -1.90 55.95	-6.47 -1.58 48.95	-6.27 -1.63 47.57	37.90 -1.46 0.00	37.29 -1.15 0.08	36.03 -0.96 0.01	35.39 -1.17 0.01	38.74 -1.12 0.00	40.60 -0.79 0.00	45.76 -0.80 0.26	50.71 -0.83 0.05	60.08 -0.55 0.44	55.09 -0.22 0.24	45.80 -0.09 0.01	39.84 -0.24 0.00	36.74 -0.18 0.00
V_D_10_SYNC_DSASP 323841	34.83 -0.27 -1.31	32.72 -0.32 -1.25	31.40 -0.31 -0.84	30.94 -0.27 -1.19	31.17 -0.27 -1.20	34.53 -0.30 -1.30	49.48 -0.79 -1.24	57.32 -0.56 -1.57	52.39 -0.61 -1.64	45.25 -0.44 -1.63	44.23 -0.30 -1.60	39.08 -0.27 0.00	38.21 -0.23 0.09	36.81 -0.18 0.01	36.27 -0.29 0.01	39.50 -0.36 0.00	41.14 -0.25 0.00	46.25 -0.28 0.28	51.22 -0.31 0.06	60.35 -0.24 0.48	55.13 -0.17 0.26	45.80 -0.09 0.01	40.04 -0.04 0.00	36.93 0.00 0.00
V_E_10_SYNC_DSASP 323830	34.84 1.05 0.00	32.68 0.89 0.00	31.79 0.93 0.00	30.89 0.87 0.00	31.12 0.88 0.00	34.67 1.14 0.00	50.94 1.91 0.00	57.38 2.25 1.19	52.67 1.80 0.49	45.51 1.54 0.09	44.93 1.29 -0.71	41.22 1.06 -0.80	40.34 0.96 -0.84	37.83 0.89 0.05	37.51 0.99 0.05	41.25 1.39 0.01	43.29 1.90 0.00	48.57 2.48 0.73	54.56 3.15 0.17	64.37 4.52 1.22	58.81 4.22 0.97	49.01 3.16 0.05	42.76 2.69 0.00	39.37 2.44 0.00
V_F_30_NSYNC___DSASP 323816	35.27 1.48 0.00	33.22 1.43 0.00	32.19 1.33 0.00	31.31 1.29 0.00	31.54 1.30 0.00	35.04 1.51 0.00	51.72 2.69 0.00	57.74 2.81 1.39	53.29 2.67 0.74	46.09 2.11 0.09	44.83 1.93 0.03	41.05 1.69 0.00	39.85 1.58 0.27	38.34 1.37 0.03	38.01 1.46 0.03	41.57 1.71 0.00	43.04 1.66 0.00	48.09 2.11 0.84	53.63 2.22 0.17	62.33 2.68 1.43	57.12 2.33 0.77	47.75 1.88 0.03	41.68 1.60 0.00	38.22 1.29 0.00

V_F_30_SYNC_DSASP 323786	34.97 1.18 0.00	33.03 1.24 0.00	32.00 1.14 0.00	31.13 1.11 0.00	31.36 1.12 0.00	34.84 1.31 0.00	51.13 2.11 0.00	57.13 2.20 1.38	52.74 2.11 0.73	45.73 1.76 0.09	44.53 1.63 0.03	40.85 1.50 0.00	39.65 1.39 0.26	38.27 1.30 0.03	37.90 1.35 0.03	41.37 1.51 0.00	42.79 1.41 0.00	47.58 1.59 0.83	53.01 1.60 0.17	61.55 1.89 1.41	56.34 1.56 0.77	47.16 1.29 0.03	41.20 1.12 0.00	37.81 0.89 0.00
V_XM_10_SYNC_DSASP 323789	-6.39 -1.52 38.66	-6.49 -1.46 36.82	-6.51 -1.45 35.92	-6.52 -1.35 35.19	-6.49 -1.36 35.37	-6.40 -1.51 38.42	-6.22 -2.40 52.84	-6.27 -2.08 60.50	-6.49 -1.90 55.95	-6.47 -1.58 48.95	-6.27 -1.63 47.57	37.90 -1.46 0.00	37.29 -1.15 0.08	36.03 -0.96 0.01	35.39 -1.17 0.01	38.74 -1.12 0.00	40.60 -0.79 0.00	45.76 -0.80 0.26	50.71 -0.83 0.05	60.08 -0.55 0.44	55.09 -0.22 0.24	45.80 -0.09 0.01	39.84 -0.24 0.00	36.74 -0.18 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.24 1.45 0.00	33.22 1.43 0.00	32.19 1.33 0.00	31.31 1.29 0.00	31.51 1.27 0.00	35.04 1.51 0.00	51.97 2.94 0.00	58.43 3.55 1.43	53.63 3.03 0.76	46.57 2.60 0.09	45.39 2.49 0.03	41.72 2.36 0.00	40.53 2.27 0.27	39.12 2.15 0.03	38.77 2.23 0.03	42.29 2.43 0.00	43.58 2.19 0.00	48.34 2.39 0.86	53.88 2.48 0.18	62.60 2.99 1.46	57.32 2.56 0.79	47.98 2.11 0.03	41.84 1.76 0.00	38.26 1.33 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.58 1.79 0.00	33.57 1.78 0.00	32.53 1.67 0.00	31.64 1.62 0.00	31.85 1.60 0.00	35.28 1.74 0.00	52.41 3.38 0.00	59.00 4.11 1.42	54.10 3.49 0.75	47.05 3.08 0.09	45.86 2.96 0.03	42.19 2.83 0.00	40.99 2.74 0.27	39.60 2.63 0.03	39.21 2.67 0.03	42.80 2.95 0.00	44.33 2.94 0.00	49.14 3.18 0.85	54.56 3.15 0.18	63.34 3.73 1.46	57.93 3.17 0.79	48.53 2.66 0.03	42.32 2.24 0.00	38.59 1.66 0.00
W50THST__13_KV_LOAD 356117	35.68 1.89 0.00	33.70 1.91 0.00	32.65 1.79 0.00	31.73 1.71 0.00	31.97 1.72 0.00	35.41 1.88 0.00	52.70 3.68 0.00	59.34 4.45 1.42	54.41 3.80 0.75	47.41 3.44 0.09	46.25 3.35 0.03	42.51 3.15 0.00	41.34 3.08 0.27	39.89 2.92 0.03	39.54 3.00 0.03	43.12 3.27 0.00	44.66 3.27 0.00	49.47 3.51 0.85	54.87 3.46 0.18	63.70 4.09 1.46	58.27 3.50 0.79	48.71 2.85 0.03	42.48 2.40 0.00	38.77 1.85 0.00
WADING RIVER_IC_1 23522	35.92 2.13 0.00	34.27 2.48 0.00	33.09 2.22 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.73 4.71 0.00	60.98 6.08 1.42	54.00 3.39 0.75	46.79 2.82 0.09	45.39 2.49 0.03	41.76 2.40 0.00	40.26 2.00 0.27	38.89 1.92 0.03	38.66 2.12 0.03	42.41 2.55 0.00	44.04 2.65 0.00	48.67 2.71 0.85	53.83 2.43 0.18	63.09 3.48 1.46	56.93 2.16 0.79	48.03 2.16 0.03	41.72 1.64 0.00	38.04 1.11 0.00
WADING RIVER_IC_2 23547	35.92 2.13 0.00	34.27 2.48 0.00	33.09 2.22 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.73 4.71 0.00	60.98 6.08 1.42	54.00 3.39 0.75	46.79 2.82 0.09	45.39 2.49 0.03	41.76 2.40 0.00	40.26 2.00 0.27	38.89 1.92 0.03	38.66 2.12 0.03	42.41 2.55 0.00	44.04 2.65 0.00	48.67 2.71 0.85	53.83 2.43 0.18	63.09 3.48 1.46	56.93 2.16 0.79	48.03 2.16 0.03	41.72 1.64 0.00	38.04 1.11 0.00
WADING RIVER_IC_3 23601	35.92 2.13 0.00	34.27 2.48 0.00	33.09 2.22 0.00	32.27 2.25 0.00	32.45 2.21 0.00	36.22 2.68 0.00	53.73 4.71 0.00	60.98 6.08 1.42	54.00 3.39 0.75	46.79 2.82 0.09	45.39 2.49 0.03	41.76 2.40 0.00	40.26 2.00 0.27	38.89 1.92 0.03	38.66 2.12 0.03	42.41 2.55 0.00	44.04 2.65 0.00	48.67 2.71 0.85	53.83 2.43 0.18	63.09 3.48 1.46	56.93 2.16 0.79	48.03 2.16 0.03	41.72 1.64 0.00	38.04 1.11 0.00
WALDENNY_12_KV_BK2 80841	30.81 -2.97 0.00	28.93 -2.86 0.00	28.18 -2.69 0.00	27.41 -2.61 0.00	27.70 -2.54 0.00	30.78 -2.75 0.00	44.76 -4.27 0.00	46.45 -5.41 4.46	44.20 -4.73 2.44	39.86 -3.92 0.28	38.40 -3.65 0.89	35.19 -3.31 0.86	33.19 -3.39 1.96	33.63 -3.29 0.08	33.35 -3.15 0.08	36.34 -3.51 0.01	37.95 -3.44 0.00	39.55 -4.59 2.67	45.88 -5.16 0.54	50.64 -5.86 4.57	48.05 -5.22 2.28	41.69 -4.13 0.08	36.95 -3.13 0.00	34.86 -2.07 0.00
WALDEN__HYDRO 24148	35.21 1.42 0.00	33.19 1.40 0.00	32.13 1.27 0.00	31.25 1.23 0.00	31.45 1.21 0.00	34.91 1.37 0.00	51.62 2.60 0.00	57.93 3.04 1.43	53.22 2.62 0.76	46.22 2.25 0.09	45.00 2.10 0.03	41.33 1.97 0.00	40.18 1.93 0.27	38.78 1.81 0.03	38.44 1.90 0.03	41.93 2.07 0.00	43.42 2.03 0.00	48.20 2.25 0.86	53.78 2.37 0.18	62.48 2.87 1.46	57.26 2.50 0.79	47.89 2.02 0.03	41.76 1.68 0.00	38.22 1.29 0.00
WARRENSBURG____ 23737	34.73 0.95 0.00	32.71 0.92 0.00	31.67 0.80 0.00	30.83 0.81 0.00	31.06 0.82 0.00	34.54 1.01 0.00	51.13 2.11 0.00	57.06 2.14 1.39	52.68 2.05 0.74	45.56 1.59 0.09	44.27 1.37 0.03	40.54 1.18 0.00	39.30 1.04 0.27	37.82 0.85 0.03	37.49 0.95 0.03	41.05 1.20 0.00	42.55 1.16 0.00	47.52 1.54 0.84	52.96 1.55 0.18	61.72 2.08 1.43	56.45 1.67 0.77	47.25 1.38 0.03	41.16 1.08 0.00	37.67 0.74 0.00
WATERSIDE____6 8 9 23538	33.61 1.99 2.17	33.73 1.94 -0.01	32.71 1.85 0.01	31.79 1.77 0.01	32.00 1.75 -0.01	33.35 1.94 2.13	52.61 3.58 -0.01	59.23 4.34 1.42	54.31 3.70 0.75	51.38 3.22 -4.10	51.12 3.09 -5.09	50.73 2.91 -8.46	51.05 2.85 -9.67	50.66 2.70 -10.96	50.56 2.78 -11.21	51.48 3.03 -8.60	51.88 3.02 -7.47	53.14 3.28 -3.05	54.77 3.35 0.17	59.39 3.85 5.52	58.15 3.39 0.79	48.77 2.89 0.02	42.52 2.44 0.01	37.51 1.88 1.30
WATKINRD_115KV_LN8_ILLION 55919	33.32 -0.47 0.00	31.34 -0.45 0.00	30.43 -0.43 0.00	29.60 -0.42 0.00	29.79 -0.45 0.00	33.06 -0.47 0.00	48.44 -0.59 0.00	53.89 -0.73 1.70	49.79 -0.67 0.90	43.38 -0.57 0.11	42.33 -0.56 0.04	38.85 -0.51 0.00	37.71 -0.50 0.33	36.45 -0.52 0.04	36.06 -0.48 0.04	39.42 -0.44 0.00	40.97 -0.41 0.00	45.42 -0.37 1.02	51.01 -0.36 0.21	58.97 -0.37 1.74	54.28 -0.33 0.94	45.54 -0.32 0.04	39.68 -0.40 0.00	36.49 -0.44 0.00
WATSON__69_KV_BK 1 55734	36.36 2.57 0.00	34.46 2.67 0.00	33.36 2.50 0.00	32.39 2.37 0.00	32.54 2.30 0.00	36.38 2.85 0.00	53.68 4.66 0.00	60.97 6.08 1.42	55.02 4.42 0.75	47.80 3.83 0.09	46.46 3.56 0.03	42.78 3.42 0.00	41.38 3.12 0.27	39.97 3.00 0.03	39.72 3.18 0.03	43.40 3.55 0.00	45.03 3.64 0.00	49.84 3.89 0.85	55.17 3.77 0.18	64.25 4.64 1.46	58.71 3.94 0.79	49.27 3.40 0.03	43.05 2.97 0.00	39.11 2.18 0.00
WDELAWARE__HYD 323627	35.14 1.35 0.00	33.09 1.30 0.00	32.04 1.17 0.00	31.13 1.11 0.00	31.39 1.15 0.00	34.84 1.31 0.00	51.57 2.55 0.00	57.81 2.93 1.44	53.22 2.62 0.76	46.21 2.25 0.09	44.92 2.02 0.03	41.21 1.85 0.00	39.99 1.74 0.28	38.64 1.67 0.03	38.26 1.72 0.03	41.77 1.91 0.00	43.37 1.99 0.00	48.15 2.20 0.86	53.73 2.32 0.18	62.53 2.93 1.47	57.32 2.56 0.80	47.89 2.02 0.03	41.72 1.64 0.00	38.33 1.40 0.00

WEST BABYLON___IC 23714	36.25 2.47 0.00	34.30 2.51 0.00	33.24 2.38 0.00	32.24 2.22 0.00	32.39 2.15 0.00	36.22 2.68 0.00	53.34 4.31 0.00	60.52 5.63 1.42	54.82 4.21 0.75	47.67 3.70 0.09	46.33 3.43 0.03	42.66 3.31 0.00	41.30 3.04 0.27	39.89 2.92 0.03	39.65 3.11 0.03	43.28 3.43 0.00	44.91 3.52 0.00	49.70 3.75 0.85	55.02 3.61 0.18	64.01 4.40 1.46	58.49 3.72 0.79	49.17 3.30 0.03	42.97 2.89 0.00	39.11 2.18 0.00
WEST CANADA___HYD 24049	33.99 0.20 0.00	31.98 0.19 0.00	31.05 0.19 0.00	30.20 0.18 0.00	30.43 0.18 0.00	33.74 0.20 0.00	49.37 0.35 0.00	54.96 0.34 1.70	50.82 0.36 0.90	44.22 0.27 0.11	43.15 0.26 0.04	39.56 0.20 0.00	38.40 0.19 0.33	37.15 0.19 0.04	36.72 0.18 0.04	40.09 0.24 0.00	41.64 0.25 0.00	46.12 0.33 1.02	51.74 0.36 0.21	59.76 0.43 1.74	54.95 0.34 0.94	46.14 0.28 0.04	40.28 0.20 0.00	37.08 0.15 0.00
WESTERN_NY_WIND 24143	31.56 -2.23 0.00	29.56 -2.23 0.00	28.80 -2.07 0.00	27.95 -2.07 0.00	28.28 -1.97 0.00	31.52 -2.01 0.00	45.79 -3.24 0.00	48.39 -3.49 4.43	45.96 -2.98 2.42	41.05 -2.73 0.28	39.46 -2.66 0.81	36.11 -2.48 0.77	34.22 -2.47 1.84	34.66 -2.26 0.08	34.19 -2.30 0.08	37.22 -2.63 0.01	38.95 -2.44 0.00	41.16 -3.00 2.66	47.95 -3.10 0.54	53.11 -3.42 4.54	50.31 -2.94 2.30	43.43 -2.39 0.08	37.92 -2.16 0.00	35.60 -1.33 0.00
WESTOVER___LESR 323668	33.25 -0.54 0.00	31.28 -0.51 0.00	30.37 -0.49 0.00	29.54 -0.48 0.00	29.79 -0.45 0.00	33.06 -0.47 0.00	48.49 -0.54 0.00	52.46 -0.84 3.01	49.06 -0.82 1.48	43.18 -0.70 0.17	42.09 -0.69 0.16	38.63 -0.63 0.10	37.21 -0.66 0.66	36.28 -0.67 0.06	35.93 -0.59 0.06	39.25 -0.60 0.01	40.89 -0.50 0.00	44.26 -0.75 1.80	50.39 -0.83 0.37	57.20 -0.79 3.08	53.22 -0.78 1.56	45.20 -0.64 0.06	39.64 -0.44 0.00	36.71 -0.22 0.00
WETHRSFD_WT_PWR 323626	30.34 -3.45 0.00	28.48 -3.31 0.00	27.75 -3.12 0.00	26.96 -3.06 0.00	27.19 -3.05 0.00	30.31 -3.22 0.00	44.08 -4.95 0.00	45.86 -5.80 4.66	43.43 -5.24 2.69	39.19 -4.58 0.29	33.85 -4.68 4.40	30.37 -4.29 4.70	27.48 -4.24 6.82	32.89 -4.03 0.07	32.62 -3.88 0.07	35.70 -4.15 0.01	37.45 -3.93 0.00	39.53 -4.49 2.79	46.23 -4.80 0.56	50.68 -5.62 4.77	48.17 -5.11 2.28	41.46 -4.36 0.07	36.59 -3.49 0.00	34.12 -2.81 0.00
WHAVSTOR_138KV_BK127 55557	35.14 1.35 0.00	33.16 1.37 0.00	32.13 1.27 0.00	31.25 1.23 0.00	31.45 1.21 0.00	34.87 1.34 0.00	51.62 2.60 0.00	58.04 3.15 1.43	53.22 2.62 0.76	46.22 2.25 0.09	45.04 2.15 0.03	41.40 2.05 0.00	40.22 1.97 0.27	38.86 1.89 0.03	38.48 1.94 0.03	42.01 2.15 0.00	43.46 2.07 0.00	48.20 2.25 0.86	53.73 2.32 0.18	62.42 2.81 1.46	57.15 2.39 0.79	47.84 1.97 0.03	41.72 1.64 0.00	38.15 1.22 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.14 1.35 0.00	33.16 1.37 0.00	32.13 1.27 0.00	31.25 1.23 0.00	31.45 1.21 0.00	34.87 1.34 0.00	51.62 2.60 0.00	58.04 3.15 1.43	53.22 2.62 0.76	46.22 2.25 0.09	45.04 2.15 0.03	41.40 2.05 0.00	40.22 1.97 0.27	38.86 1.89 0.03	38.48 1.94 0.03	42.01 2.15 0.00	43.46 2.07 0.00	48.20 2.25 0.86	53.73 2.32 0.18	62.42 2.81 1.46	57.15 2.39 0.79	47.84 1.97 0.03	41.72 1.64 0.00	38.15 1.22 0.00
WHITEHAL_115KV_TB1 80871	35.07 1.28 0.00	33.00 1.21 0.00	31.94 1.08 0.00	31.10 1.08 0.00	31.33 1.09 0.00	34.91 1.37 0.00	51.82 2.79 0.00	57.79 2.87 1.39	53.34 2.72 0.74	46.04 2.07 0.09	44.66 1.76 0.03	40.89 1.53 0.00	39.61 1.35 0.27	38.04 1.07 0.03	37.75 1.21 0.03	41.41 1.55 0.00	42.92 1.53 0.00	48.04 2.06 0.84	53.63 2.22 0.18	62.63 2.99 1.43	57.34 2.56 0.77	47.84 1.97 0.03	41.68 1.60 0.00	38.04 1.11 0.00
WHITEPLN_13_KV_LOAD 356215	35.78 1.99 0.00	33.73 1.94 0.00	32.68 1.82 0.00	31.79 1.77 0.00	31.97 1.72 0.00	35.44 1.91 0.00	52.51 3.48 0.00	59.34 4.45 1.42	54.30 3.70 0.75	47.19 3.22 0.09	45.99 3.09 0.03	42.31 2.95 0.00	41.11 2.85 0.27	39.67 2.70 0.03	39.28 2.74 0.03	42.92 3.07 0.00	44.41 3.02 0.00	49.24 3.28 0.85	54.87 3.46 0.18	63.70 4.09 1.46	58.27 3.50 0.79	48.76 2.89 0.03	42.52 2.44 0.00	38.77 1.85 0.00
WM_FLOYD_69_KV_BK2 356380	36.09 2.30 0.00	34.33 2.54 0.00	33.27 2.41 0.00	32.30 2.28 0.00	32.45 2.21 0.00	36.25 2.72 0.00	53.63 4.61 0.00	60.97 6.08 1.42	54.46 3.85 0.75	47.14 3.17 0.09	45.73 2.83 0.03	42.11 2.76 0.00	40.65 2.39 0.27	39.26 2.29 0.03	39.03 2.49 0.03	42.72 2.87 0.00	44.37 2.98 0.00	49.09 3.14 0.85	54.25 2.84 0.18	63.40 3.79 1.46	57.88 3.11 0.79	48.44 2.57 0.03	42.32 2.24 0.00	38.44 1.51 0.00
WOODARD___115KV_TB2 355635	33.21 -0.57 0.00	31.22 -0.57 0.00	30.31 -0.56 0.00	29.48 -0.54 0.00	29.70 -0.54 0.00	33.00 -0.54 0.00	48.09 -0.93 0.00	52.55 -1.01 2.75	48.98 -0.92 1.46	43.09 -0.79 0.18	42.10 -0.77 0.06	38.65 -0.71 0.00	37.31 -0.69 0.53	36.31 -0.63 0.06	35.89 -0.62 0.06	39.17 -0.68 0.01	40.68 -0.70 0.00	44.37 -0.80 1.65	50.37 -0.88 0.35	57.28 -0.98 2.81	53.14 -0.89 1.52	45.06 -0.78 0.06	39.36 -0.72 0.00	36.41 -0.52 0.00
YORK___WARBASSE 23770	51.12 2.26 -15.07	33.99 2.19 -0.01	33.04 2.07 -0.11	32.14 2.01 -0.11	32.22 1.97 -0.01	50.50 2.18 -14.79	52.96 3.92 -0.01	59.62 4.73 1.42	55.42 3.95 -0.10	61.14 3.48 -13.60	61.80 3.31 -15.57	66.10 3.11 -23.63	67.96 3.04 -26.38	69.33 2.89 -29.45	69.67 2.96 -30.13	66.75 3.27 -23.62	65.48 3.27 -20.83	61.37 3.56 -11.00	91.99 3.66 -36.74	92.04 4.27 -26.70	58.50 3.72 0.78	56.84 3.12 -7.82	56.14 2.69 -13.38	51.25 2.14 -12.18