

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/22/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	36.53	34.99	33.54	32.40	32.27	35.33	42.66	48.62	43.20	36.25	33.53	33.44	31.38	29.90	29.00	31.20	33.99	38.45	47.14	53.34	52.12	44.48	39.51	37.99
24138	1.67	1.73	1.63	1.63	1.65	1.71	2.11	2.75	2.37	2.02	1.81	1.80	1.72	1.75	1.64	1.71	1.83	2.18	2.92	3.16	2.86	2.36	1.85	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	36.64	35.02	33.57	32.47	32.34	35.40	42.70	48.67	43.28	36.28	33.57	33.48	31.38	29.87	29.02	31.20	34.02	38.45	47.14	53.34	52.17	44.57	39.63	38.14
24260	1.78	1.76	1.66	1.69	1.71	1.78	2.15	2.80	2.45	2.05	1.84	1.84	1.72	1.72	1.67	1.71	1.87	2.18	2.92	3.16	2.91	2.44	1.96	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	36.64	35.02	33.57	32.47	32.34	35.40	42.70	48.67	43.28	36.28	33.57	33.48	31.38	29.87	29.02	31.20	34.02	38.45	47.14	53.34	52.17	44.57	39.63	38.14
24261	1.78	1.76	1.66	1.69	1.71	1.78	2.15	2.80	2.45	2.05	1.84	1.84	1.72	1.72	1.67	1.71	1.87	2.18	2.92	3.16	2.91	2.44	1.96	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	36.60	34.99	33.57	32.37	32.24	35.43	43.03	48.85	43.08	35.63	32.77	32.69	30.78	29.33	28.61	30.90	33.90	38.49	47.32	54.14	53.11	45.03	40.19	38.65
24011	1.74	1.73	1.66	1.60	1.62	1.82	2.47	2.98	2.25	1.40	1.05	1.04	1.13	1.18	1.26	1.42	1.74	2.21	3.10	3.96	3.84	2.91	2.52	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	36.71	35.12	33.70	32.46	32.33	35.53	43.15	48.94	43.16	35.70	32.84	32.75	30.84	29.39	28.64	30.93	33.96	38.60	47.41	54.29	53.26	45.12	40.30	38.72
23798	1.85	1.86	1.79	1.69	1.71	1.92	2.60	3.07	2.33	1.47	1.11	1.11	1.19	1.24	1.29	1.44	1.80	2.32	3.19	4.12	3.99	2.99	2.64	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	36.60	34.99	33.57	32.37	32.24	35.43	43.03	48.85	43.08	35.63	32.77	32.69	30.78	29.33	28.61	30.90	33.90	38.49	47.32	54.14	53.11	45.03	40.19	38.65
24028	1.74	1.73	1.66	1.60	1.62	1.82	2.47	2.98	2.25	1.40	1.05	1.04	1.13	1.18	1.26	1.42	1.74	2.21	3.10	3.96	3.84	2.91	2.52	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	36.36	34.92	33.47	32.31	32.18	35.23	42.46	47.98	42.79	35.70	33.00	32.81	30.72	29.25	28.39	30.64	33.57	38.02	46.39	52.43	51.49	43.89	39.13	37.59
23527	1.50	1.66	1.56	1.54	1.56	1.61	1.91	2.11	1.96	1.47	1.27	1.17	1.07	1.10	1.04	1.15	1.41	1.74	2.17	2.26	2.22	1.77	1.47	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	35.31	33.86	32.61	31.51	31.36	34.25	41.16	46.56	41.41	34.74	32.20	32.09	30.07	28.63	27.82	29.96	32.74	36.93	45.02	51.03	50.05	42.72	38.16	36.72
24190	0.45	0.60	0.70	0.74	0.73	0.64	0.61	0.69	0.57	0.51	0.48	0.44	0.42	0.48	0.47	0.47	0.58	0.65	0.80	0.85	0.79	0.59	0.49	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	34.69	33.06	31.75	30.50	30.28	33.41	40.35	45.64	40.59	33.99	31.47	31.45	29.48	28.04	27.16	29.28	31.77	35.81	43.60	49.62	48.82	41.75	37.37	36.17
355683	-0.17	-0.20	-0.16	-0.28	-0.34	-0.20	-0.20	-0.23	-0.25	-0.24	-0.25	-0.19	-0.18	-0.11	-0.19	-0.21	-0.39	-0.47	-0.62	-0.55	-0.44	-0.38	-0.30	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	35.91	34.35	33.03	31.88	31.72	34.72	41.81	47.20	41.77	34.88	32.23	32.12	30.13	28.69	27.90	30.13	32.96	37.37	45.64	51.88	50.89	43.39	38.80	37.37
323833	1.04	1.10	1.12	1.11	1.10	1.11	1.26	1.33	0.94	0.65	0.51	0.48	0.47	0.53	0.55	0.65	0.80	1.09	1.41	1.71	1.62	1.26	1.13	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	35.87	34.35	33.03	31.88	31.72	34.72	41.81	47.20	41.77	34.84	32.20	32.12	30.13	28.69	27.90	30.13	32.96	37.37	45.64	51.83	50.89	43.39	38.80	37.37
323834	1.01	1.10	1.12	1.11	1.10	1.11	1.26	1.33	0.94	0.62	0.48	0.48	0.47	0.53	0.55	0.65	0.80	1.09	1.41	1.65	1.62	1.26	1.13	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	35.31	33.86	32.61	31.51	31.36	34.25	41.16	46.56	41.41	34.74	32.20	32.09	30.07	28.63	27.82	29.96	32.74	36.93	45.02	51.03	50.05	42.72	38.16	36.72
23571	0.45	0.60	0.70	0.74	0.73	0.64	0.61	0.69	0.57	0.51	0.48	0.44	0.42	0.48	0.47	0.47	0.58	0.65	0.80	0.85	0.79	0.59	0.49	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	35.31 0.45 0.00	33.86 0.60 0.00	32.61 0.70 0.00	31.51 0.74 0.00	31.36 0.73 0.00	34.25 0.64 0.00	41.16 0.61 0.00	46.56 0.69 0.00	41.41 0.57 0.00	34.74 0.51 0.00	32.20 0.48 0.00	32.09 0.44 0.00	30.07 0.42 0.00	28.63 0.48 0.00	27.82 0.47 0.00	29.96 0.47 0.00	32.74 0.58 0.00	36.93 0.65 0.00	45.02 0.80 0.00	51.03 0.85 0.00	50.05 0.79 0.00	42.72 0.59 0.00	38.16 0.49 0.00	36.72 0.33 0.00
ALBANY___3 23573	35.31 0.45 0.00	33.86 0.60 0.00	32.61 0.70 0.00	31.51 0.74 0.00	31.36 0.73 0.00	34.25 0.64 0.00	41.16 0.61 0.00	46.56 0.69 0.00	41.41 0.57 0.00	34.74 0.51 0.00	32.20 0.48 0.00	32.09 0.44 0.00	30.07 0.42 0.00	28.63 0.48 0.00	27.82 0.47 0.00	29.96 0.47 0.00	32.74 0.58 0.00	36.93 0.65 0.00	45.02 0.80 0.00	51.03 0.85 0.00	50.05 0.79 0.00	42.72 0.59 0.00	38.16 0.49 0.00	36.72 0.33 0.00
ALBANY___4 23574	35.31 0.45 0.00	33.86 0.60 0.00	32.61 0.70 0.00	31.51 0.74 0.00	31.36 0.73 0.00	34.25 0.64 0.00	41.16 0.61 0.00	46.56 0.69 0.00	41.41 0.57 0.00	34.74 0.51 0.00	32.20 0.48 0.00	32.09 0.44 0.00	30.07 0.42 0.00	28.63 0.48 0.00	27.82 0.47 0.00	29.96 0.47 0.00	32.74 0.58 0.00	36.93 0.65 0.00	45.02 0.80 0.00	51.03 0.85 0.00	50.05 0.79 0.00	42.72 0.59 0.00	38.16 0.49 0.00	36.72 0.33 0.00
ALBANY___LFGE 323615	35.59 0.73 0.00	34.09 0.83 0.00	32.84 0.93 0.00	31.67 0.89 0.00	31.54 0.92 0.00	34.45 0.84 0.00	41.44 0.89 0.00	46.88 1.01 0.00	41.69 0.86 0.00	34.95 0.72 0.00	32.36 0.63 0.00	32.27 0.63 0.00	30.25 0.59 0.00	28.80 0.65 0.00	27.95 0.60 0.00	30.17 0.68 0.00	32.93 0.77 0.00	37.22 0.94 0.00	45.33 1.11 0.00	51.43 1.25 0.00	50.45 1.18 0.00	43.01 0.89 0.00	38.42 0.75 0.00	36.97 0.58 0.00
ALCOA_PA_115KV_PL-6C 55860	34.76 -0.10 0.00	33.09 -0.17 0.00	31.78 -0.13 0.00	30.53 -0.25 0.00	30.31 -0.31 0.00	33.45 -0.17 0.00	40.43 -0.12 0.00	45.68 -0.18 0.00	40.63 -0.20 0.00	33.99 -0.24 0.00	31.47 -0.25 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	28.07 -0.08 0.00	27.19 -0.16 0.00	29.31 -0.18 0.00	31.81 -0.35 0.00	37.21 -0.44 -1.37	45.32 -0.53 -1.62	51.53 -0.45 -1.81	50.71 -0.34 -1.79	43.44 -0.25 -1.56	38.86 -0.23 -1.42	37.65 -0.11 -1.37
ALCOA_RYNLDS___DRP 24188	34.76 -0.10 0.00	33.09 -0.17 0.00	31.78 -0.13 0.00	30.53 -0.25 0.00	30.31 -0.31 0.00	33.45 -0.17 0.00	40.43 -0.12 0.00	45.68 -0.18 0.00	40.63 -0.20 0.00	33.99 -0.24 0.00	31.47 -0.25 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	28.07 -0.08 0.00	27.19 -0.16 0.00	29.31 -0.18 0.00	31.81 -0.35 0.00	37.21 -0.44 -1.37	45.32 -0.53 -1.62	51.53 -0.45 -1.81	50.71 -0.34 -1.79	43.44 -0.25 -1.56	38.86 -0.23 -1.42	37.65 -0.11 -1.37
ALCOA___DSASP 323711	34.76 -0.10 0.00	33.09 -0.17 0.00	31.78 -0.13 0.00	30.53 -0.25 0.00	30.31 -0.31 0.00	33.45 -0.17 0.00	40.43 -0.12 0.00	45.68 -0.18 0.00	40.63 -0.20 0.00	33.99 -0.24 0.00	31.47 -0.25 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	28.07 -0.08 0.00	27.22 -0.14 0.00	29.28 -0.20 0.00	31.81 -0.35 0.00	37.22 -0.43 -1.37	45.32 -0.53 -1.62	51.53 -0.45 -1.81	50.72 -0.34 -1.79	43.44 -0.25 -1.56	38.86 -0.22 -1.42	37.65 -0.11 -1.37
ALLEGHENY___COGEN 23514	34.34 -0.52 0.00	32.39 -0.86 0.00	31.05 -0.86 0.00	30.07 -0.71 0.00	29.95 -0.67 0.00	32.87 -0.74 0.00	39.66 -0.89 0.00	44.58 -1.28 0.00	39.57 -1.27 0.00	33.22 -1.13 -0.12	30.83 -1.02 -0.12	30.44 -1.20 0.00	28.50 -1.16 0.00	26.80 -1.35 0.00	26.30 -1.18 -0.12	28.25 -1.24 0.00	46.64 -1.06 -15.55	44.83 -0.69 -9.24	45.60 -0.58 -1.95	50.07 -0.15 -0.04	49.56 0.30 0.00	42.67 0.55 0.00	38.53 0.87 0.00	37.55 1.16 0.00
ALTAMONT_115KV_TB 2 55880	35.56 0.70 0.00	34.02 0.76 0.00	32.71 0.80 0.00	31.57 0.80 0.00	31.42 0.80 0.00	34.42 0.81 0.00	41.45 0.89 0.00	46.92 1.05 0.00	41.69 0.86 0.00	34.91 0.68 0.00	32.33 0.60 0.00	32.21 0.57 0.00	30.22 0.56 0.00	28.72 0.56 0.00	27.90 0.55 0.00	30.08 0.59 0.00	32.87 0.71 0.00	37.11 0.83 0.00	45.33 1.11 0.00	51.43 1.25 0.00	50.45 1.18 0.00	43.05 0.93 0.00	38.46 0.79 0.00	37.04 0.66 0.00
ALTONA_WT_PWR 323606	33.43 -1.43 0.00	31.93 -1.33 0.00	30.79 -1.12 0.00	29.54 -1.23 0.00	29.24 -1.38 0.00	32.30 -1.31 0.00	39.13 -1.42 0.00	44.40 -1.47 0.00	39.57 -1.27 0.00	33.27 -0.96 0.00	30.77 -0.95 0.00	31.13 -0.51 0.00	29.00 -0.65 0.00	27.53 -0.62 0.00	26.64 -0.71 0.00	28.54 -0.94 0.00	30.39 -1.77 0.00	-6.71 -2.07 40.92	-6.69 -2.52 48.39	-6.60 -2.76 54.01	-6.66 -2.46 53.46	-6.71 -2.19 46.64	-6.66 -2.07 42.26	-6.60 -2.15 40.84
AMERICAN_REF_FUEL 24010	31.48 -3.38 0.00	29.70 -3.56 0.00	28.53 -3.38 0.00	27.67 -3.11 0.00	27.50 -3.12 0.00	30.02 -3.60 0.00	36.25 -4.30 0.00	40.73 -5.14 0.00	36.67 -4.17 0.00	31.05 -3.15 0.03	29.00 -2.70 0.03	28.86 -2.78 0.00	27.05 -2.61 0.00	25.34 -2.81 0.00	24.75 -2.57 0.03	26.66 -2.83 0.00	25.89 -2.80 3.47	31.10 -3.12 2.06	39.63 -4.16 0.44	45.30 -4.87 0.01	44.78 -4.48 0.00	38.75 -3.37 0.00	35.26 -2.41 0.00	34.97 -1.42 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.25 -2.62 0.00	30.40 -2.86 0.00	29.20 -2.71 0.00	28.28 -2.49 0.00	28.08 -2.54 0.00	30.62 -2.99 0.00	37.27 -3.28 0.00	41.97 -3.90 0.00	37.81 -3.02 0.00	31.82 -2.40 0.01	29.65 -2.06 0.01	29.59 -2.06 0.00	27.70 -1.96 0.00	25.87 -2.28 0.00	25.07 -2.27 0.01	27.01 -2.48 0.00	27.51 -3.15 1.50	31.98 -3.41 0.89	39.75 -4.29 0.19	46.81 -3.36 0.00	46.56 -2.71 0.00	40.40 -1.73 0.00	36.91 -0.75 0.00	36.86 0.47 0.00
ARTHUR KILL_GT_1 23520	53.87 1.92 -17.10	53.87 2.00 -18.62	53.20 1.85 -19.44	53.16 1.82 -20.57	53.16 1.74 -20.80	53.87 1.92 -18.34	53.85 2.15 -11.15	54.64 2.61 -6.16	55.77 2.20 -12.73	54.57 2.05 -18.29	54.56 1.68 -21.16	54.59 1.64 -21.31	54.56 1.54 -23.36	55.80 1.55 -26.10	55.77 1.48 -26.94	55.81 1.56 -24.76	55.82 1.70 -21.95	57.83 2.07 -19.48	58.60 2.79 -11.59	61.07 3.01 -7.88	58.62 2.76 -6.59	57.85 2.32 -13.40	54.61 1.92 -15.02	53.88 1.78 -15.71
ARTHUR_KILL_2 23512	53.77 1.81 -17.10	53.77 1.89 -18.62	53.10 1.75 -19.44	53.10 1.75 -20.57	53.10 1.68 -20.80	53.77 1.81 -18.34	53.77 2.07 -11.15	54.50 2.48 -6.16	55.65 2.08 -12.73	54.50 1.98 -18.29	54.50 1.62 -21.16	54.50 1.55 -21.31	54.50 1.48 -23.36	55.72 1.46 -26.10	55.72 1.42 -26.94	55.72 1.47 -24.76	55.72 1.61 -21.95	57.72 1.96 -19.48	58.47 2.65 -11.59	60.87 2.81 -7.88	58.47 2.61 -6.59	57.72 2.19 -13.40	54.50 1.81 -15.02	53.77 1.67 -15.71
ARTHUR_KILL_3 23513	53.31 1.36 -17.09	53.30 1.43 -18.61	52.68 1.34 -19.43	52.66 1.32 -20.57	52.82 1.41 -20.79	53.33 1.38 -18.33	53.40 1.70 -11.14	54.35 2.34 -6.15	55.52 1.96 -12.73	54.18 1.68 -18.28	54.43 1.55 -21.15	54.49 1.55 -21.30	54.49 1.48 -23.35	55.71 1.46 -26.10	55.68 1.39 -26.94	55.68 1.44 -24.75	55.65 1.54 -21.95	57.57 1.81 -19.48	58.28 2.48 -11.59	60.66 2.61 -7.87	58.22 2.36 -6.59	57.50 1.98 -13.40	54.19 1.51 -15.02	53.33 1.24 -15.70

ARTHUR_KILL_COGEN 323718	53.87 1.92 -17.10	53.87 2.00 -18.62	53.20 1.85 -19.44	53.16 1.82 -20.57	53.16 1.74 -20.80	53.87 1.92 -18.34	53.85 2.15 -11.15	54.64 2.61 -6.16	55.77 2.20 -12.73	54.57 2.05 -18.29	54.56 1.68 -21.16	54.59 1.64 -21.31	54.56 1.54 -23.36	55.80 1.55 -26.10	55.77 1.48 -26.94	55.81 1.56 -24.76	55.82 1.70 -21.95	57.83 2.07 -19.48	58.60 2.79 -11.59	61.07 3.01 -7.88	58.62 2.76 -6.59	57.85 2.32 -13.40	54.61 1.92 -15.02	53.88 1.78 -15.71
ASHOKAN____ 23654	36.88 2.02 0.00	35.22 1.96 0.00	33.79 1.88 0.00	32.59 1.82 0.00	32.46 1.84 0.00	35.53 1.92 0.00	42.78 2.23 0.00	48.43 2.57 0.00	42.88 2.04 0.00	35.63 1.40 0.00	32.74 1.01 0.00	32.62 0.98 0.00	30.63 0.98 0.00	29.08 0.93 0.00	28.23 0.88 0.00	30.55 1.06 0.00	33.41 1.25 0.00	38.09 1.81 0.00	46.83 2.61 0.00	53.39 3.21 0.00	52.32 3.06 0.00	44.61 2.48 0.00	39.85 2.18 0.00	38.50 2.11 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.23 1.36 -0.01	34.90 1.63 -0.01	33.32 1.40 -0.01	32.17 1.39 -0.01	32.19 1.56 -0.01	35.14 1.51 -0.01	42.41 1.87 0.01	48.38 2.52 0.01	43.03 2.20 0.01	36.17 1.95 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.90 1.56 0.01	31.13 1.65 0.01	33.92 1.77 0.01	38.30 2.03 0.01	46.96 2.74 0.01	53.08 2.91 0.01	51.97 2.71 0.01	44.31 2.19 0.01	39.36 1.70 0.01	37.78 1.38 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	36.23 1.36 -0.01	34.90 1.63 -0.01	33.32 1.40 -0.01	32.17 1.39 -0.01	32.19 1.56 -0.01	35.14 1.51 -0.01	42.41 1.87 0.01	48.38 2.52 0.01	43.03 2.20 0.01	36.17 1.95 0.01	33.49 1.78 0.01	33.37 1.74 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.90 1.56 0.01	31.13 1.65 0.01	33.92 1.77 0.01	38.30 2.03 0.01	46.96 2.74 0.01	53.08 2.91 0.01	51.97 2.71 0.01	44.31 2.19 0.01	39.36 1.70 0.01	37.78 1.38 -0.01
ASTORIA_GT2_1 24094	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01
ASTORIA_GT2_2 24095	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01
ASTORIA_GT2_3 24096	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01
ASTORIA_GT2_4 24097	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01
ASTORIA_GT3_1 24098	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01
ASTORIA_GT3_2 24099	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01
ASTORIA_GT3_3 24100	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01
ASTORIA_GT3_4 24101	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01
ASTORIA_GT4_1 24102	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01
ASTORIA_GT4_2 24103	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01
ASTORIA_GT4_3 24104	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01

ASTORIA_GT4_4 24105	36.44 1.57 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.45 1.91 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.21 1.99 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.96 1.61 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.30 2.03 0.01	47.00 2.79 0.01	53.13 2.96 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.39 1.73 0.01	38.00 1.60 -0.01
ASTORIA_GT_1 23523	36.30 1.43 -0.01	34.96 1.70 -0.01	33.39 1.47 -0.01	32.23 1.45 -0.01	32.22 1.59 -0.01	35.20 1.58 -0.01	42.49 1.95 0.01	48.47 2.61 0.01	43.11 2.29 0.01	36.24 2.02 0.01	33.53 1.81 0.01	33.44 1.80 0.01	31.34 1.69 0.01	29.83 1.69 0.01	28.96 1.61 0.01	31.16 1.68 0.01	33.98 1.83 0.01	38.41 2.14 0.01	47.09 2.87 0.01	53.18 3.01 0.01	52.07 2.81 0.01	44.43 2.32 0.01	39.43 1.77 0.01	37.85 1.46 -0.01
ASTORIA_GT_10 24110	37.24 1.74 -0.63	35.71 1.76 -0.69	34.29 1.66 -0.72	33.22 1.69 -0.76	33.10 1.71 -0.77	36.07 1.78 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.29 2.41 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.84 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	34.02 1.67 -4.99	35.19 1.71 -3.99	37.56 1.87 -3.54	41.56 2.14 -3.14	49.02 2.92 -1.88	54.55 3.11 -1.26	53.23 2.91 -1.06	46.73 2.44 -2.16	40.14 1.92 -0.56	38.68 1.71 -0.58
ASTORIA_GT_11 24225	37.24 1.74 -0.63	35.71 1.76 -0.69	34.29 1.66 -0.72	33.22 1.69 -0.76	33.10 1.71 -0.77	36.07 1.78 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.29 2.41 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.84 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	34.02 1.67 -4.99	35.19 1.71 -3.99	37.56 1.87 -3.54	41.56 2.14 -3.14	49.02 2.92 -1.88	54.55 3.11 -1.26	53.23 2.91 -1.06	46.73 2.44 -2.16	40.14 1.92 -0.56	38.68 1.71 -0.58
ASTORIA_GT_12 24226	37.24 1.74 -0.63	35.71 1.76 -0.69	34.29 1.66 -0.72	33.22 1.69 -0.76	33.10 1.71 -0.77	36.07 1.78 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.29 2.41 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.84 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	34.02 1.67 -4.99	35.19 1.71 -3.99	37.56 1.87 -3.54	41.56 2.14 -3.14	49.02 2.92 -1.88	54.55 3.11 -1.26	53.23 2.91 -1.06	46.73 2.44 -2.16	40.14 1.92 -0.56	38.68 1.71 -0.58
ASTORIA_GT_13 24227	37.24 1.74 -0.63	35.71 1.76 -0.69	34.29 1.66 -0.72	33.22 1.69 -0.76	33.10 1.71 -0.77	36.07 1.78 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.29 2.41 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.84 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	34.02 1.67 -4.99	35.19 1.71 -3.99	37.56 1.87 -3.54	41.56 2.14 -3.14	49.02 2.92 -1.88	54.55 3.11 -1.26	53.23 2.91 -1.06	46.73 2.44 -2.16	40.14 1.92 -0.56	38.68 1.71 -0.58
ASTORIA_GT_5 24106	36.47 1.60 -0.01	34.93 1.66 -0.01	33.48 1.56 -0.01	32.35 1.57 -0.01	32.25 1.62 -0.01	35.30 1.68 -0.01	42.49 1.95 0.01	48.47 2.61 0.01	43.15 2.33 0.01	36.24 2.02 0.01	33.56 1.84 0.01	33.47 1.84 0.01	31.37 1.72 0.01	29.83 1.69 0.01	28.99 1.64 0.01	31.19 1.71 0.01	33.98 1.83 0.01	38.34 2.07 0.01	47.05 2.83 0.01	53.23 3.06 0.01	52.07 2.81 0.01	44.43 2.32 0.01	39.47 1.81 0.01	38.07 1.67 -0.01
ASTORIA_GT_7 24107	36.47 1.60 -0.01	34.93 1.66 -0.01	33.48 1.56 -0.01	32.35 1.57 -0.01	32.25 1.62 -0.01	35.30 1.68 -0.01	42.49 1.95 0.01	48.47 2.61 0.01	43.15 2.33 0.01	36.24 2.02 0.01	33.56 1.84 0.01	33.47 1.84 0.01	31.37 1.72 0.01	29.83 1.69 0.01	28.99 1.64 0.01	31.19 1.71 0.01	33.98 1.83 0.01	38.34 2.07 0.01	47.05 2.83 0.01	53.23 3.06 0.01	52.07 2.81 0.01	44.43 2.32 0.01	39.47 1.81 0.01	38.07 1.67 -0.01
ASTORIA_GT_8 24108	36.47 1.60 -0.01	34.93 1.66 -0.01	33.48 1.56 -0.01	32.35 1.57 -0.01	32.25 1.62 -0.01	35.30 1.68 -0.01	42.49 1.95 0.01	48.47 2.61 0.01	43.15 2.33 0.01	36.24 2.02 0.01	33.56 1.84 0.01	33.47 1.84 0.01	31.37 1.72 0.01	29.83 1.69 0.01	28.99 1.64 0.01	31.19 1.71 0.01	33.98 1.83 0.01	38.34 2.07 0.01	47.05 2.83 0.01	53.23 3.06 0.01	52.07 2.81 0.01	44.43 2.32 0.01	39.47 1.81 0.01	38.07 1.67 -0.01
ASTORIA___2 24149	36.27 1.40 -0.01	34.90 1.63 -0.01	33.32 1.40 -0.01	32.17 1.39 -0.01	32.19 1.56 -0.01	35.14 1.51 -0.01	42.45 1.91 0.01	48.38 2.52 0.01	43.03 2.20 0.01	36.17 1.95 0.01	33.49 1.78 0.01	33.41 1.77 0.01	31.31 1.66 0.01	29.78 1.63 0.01	28.90 1.56 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.34 2.07 0.01	47.00 2.79 0.01	53.08 2.91 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.36 1.70 0.01	37.82 1.42 -0.01
ASTORIA___3 23516	37.20 1.71 -0.63	35.74 1.79 -0.69	34.29 1.66 -0.72	33.16 1.63 -0.76	33.10 1.71 -0.77	36.04 1.75 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.25 2.37 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.83 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	33.96 1.61 -4.99	35.19 1.71 -3.99	37.53 1.83 -3.54	41.59 2.18 -3.14	49.02 2.92 -1.88	54.55 3.11 -1.26	53.23 2.91 -1.06	46.68 2.40 -2.16	40.11 1.88 -0.56	38.61 1.64 -0.58
ASTORIA___4 23517	37.24 1.74 -0.63	35.71 1.76 -0.69	34.29 1.66 -0.72	33.22 1.69 -0.76	33.10 1.71 -0.77	36.07 1.78 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.29 2.41 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.84 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	34.02 1.67 -4.99	35.19 1.71 -3.99	37.56 1.87 -3.54	41.56 2.14 -3.14	49.02 2.92 -1.88	54.55 3.11 -1.26	53.23 2.91 -1.06	46.73 2.44 -2.16	40.14 1.92 -0.56	38.68 1.71 -0.58
ASTORIA___5 23518	37.20 1.71 -0.63	35.74 1.79 -0.69	34.29 1.66 -0.72	33.16 1.63 -0.76	33.10 1.71 -0.77	36.04 1.75 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.25 2.37 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.83 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	33.96 1.61 -4.99	35.19 1.71 -3.99	37.53 1.83 -3.54	41.59 2.18 -3.14	49.02 2.92 -1.88	54.55 3.11 -1.26	53.23 2.91 -1.06	46.68 2.40 -2.16	40.11 1.88 -0.56	38.61 1.64 -0.58
AST_ENERGY_2_CC3 323677	36.39 1.53 0.00	34.85 1.60 0.00	33.41 1.50 0.00	32.28 1.51 0.00	32.15 1.53 0.00	35.19 1.58 0.00	42.38 1.83 0.00	48.30 2.43 0.00	42.92 2.08 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.26 1.61 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.83 2.61 0.00	52.93 2.76 0.00	51.78 2.51 0.00	44.23 2.11 0.00	39.32 1.66 0.00	37.88 1.49 0.00
AST_ENERGY_2_CC4 323678	36.39 1.53 0.00	34.85 1.60 0.00	33.41 1.50 0.00	32.28 1.51 0.00	32.15 1.53 0.00	35.19 1.58 0.00	42.38 1.83 0.00	48.30 2.43 0.00	42.92 2.08 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.26 1.61 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.83 2.61 0.00	52.93 2.76 0.00	51.78 2.51 0.00	44.23 2.11 0.00	39.32 1.66 0.00	37.88 1.49 0.00

ATHENS_STG_1 23668	35.77 0.90 0.00	34.22 0.97 0.00	32.84 0.93 0.00	31.70 0.92 0.00	31.57 0.95 0.00	34.55 0.94 0.00	41.69 1.13 0.00	47.24 1.37 0.00	42.06 1.22 0.00	35.22 0.99 0.00	32.58 0.86 0.00	32.46 0.82 0.00	30.46 0.80 0.00	28.94 0.79 0.00	28.09 0.74 0.00	30.31 0.82 0.00	33.09 0.93 0.00	37.40 1.13 0.00	45.73 1.50 0.00	51.78 1.61 0.00	50.74 1.48 0.00	43.35 1.22 0.00	38.65 0.98 0.00	37.19 0.80 0.00
ATHENS_STG_2 23670	35.77 0.90 0.00	34.22 0.97 0.00	32.84 0.93 0.00	31.70 0.92 0.00	31.57 0.95 0.00	34.55 0.94 0.00	41.69 1.13 0.00	47.24 1.37 0.00	42.06 1.22 0.00	35.22 0.99 0.00	32.58 0.86 0.00	32.46 0.82 0.00	30.46 0.80 0.00	28.94 0.79 0.00	28.09 0.74 0.00	30.31 0.82 0.00	33.09 0.93 0.00	37.40 1.13 0.00	45.73 1.50 0.00	51.78 1.61 0.00	50.74 1.48 0.00	43.35 1.22 0.00	38.65 0.98 0.00	37.19 0.80 0.00
ATHENS_STG_3 23677	35.77 0.90 0.00	34.22 0.97 0.00	32.84 0.93 0.00	31.70 0.92 0.00	31.57 0.95 0.00	34.55 0.94 0.00	41.69 1.13 0.00	47.24 1.37 0.00	42.06 1.22 0.00	35.22 0.99 0.00	32.58 0.86 0.00	32.46 0.82 0.00	30.46 0.80 0.00	28.94 0.79 0.00	28.09 0.74 0.00	30.31 0.82 0.00	33.09 0.93 0.00	37.40 1.13 0.00	45.73 1.50 0.00	51.78 1.61 0.00	50.74 1.48 0.00	43.35 1.22 0.00	38.65 0.98 0.00	37.19 0.80 0.00
AUBURN___LFGE 323710	34.72 -0.14 0.00	33.06 -0.20 0.00	31.65 -0.26 0.00	30.62 -0.15 0.00	30.50 -0.12 0.00	33.41 -0.20 0.00	40.39 -0.16 0.00	45.64 -0.23 0.00	40.67 -0.16 0.00	34.19 -0.03 0.00	31.76 0.03 0.00	31.64 0.00 0.00	29.63 -0.03 0.00	28.10 -0.06 0.00	27.35 0.00 0.00	29.55 0.06 0.00	32.26 0.10 0.00	36.42 0.15 0.00	44.36 0.13 0.00	50.43 0.25 0.00	49.46 0.20 0.00	42.34 0.21 0.00	37.93 0.26 0.00	36.68 0.29 0.00
BABYLON_RES_REC 323704	36.64 1.78 0.00	35.09 1.83 0.00	33.63 1.72 0.00	32.50 1.72 0.00	32.33 1.71 0.00	35.56 1.95 0.00	43.11 2.56 0.00	49.12 3.26 0.00	43.57 2.74 0.00	36.49 2.26 0.00	33.69 1.97 0.00	33.44 1.80 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.64 1.29 0.00	30.93 1.44 0.00	33.89 1.74 0.00	38.24 1.96 0.00	47.10 2.87 0.00	52.93 2.76 0.00	51.88 2.61 0.00	44.74 2.61 0.00	39.59 1.92 0.00	37.99 1.60 0.00
BABYLON__69_KV_BK2 356345	36.92 2.06 0.00	35.12 1.86 0.00	33.89 1.98 0.00	32.87 2.09 0.00	32.73 2.11 0.00	36.00 2.39 0.00	43.51 2.96 0.00	49.54 3.67 0.00	44.10 3.27 0.00	36.80 2.57 0.00	34.01 2.28 0.00	33.73 2.09 0.00	31.41 1.75 0.00	29.79 1.63 0.00	28.94 1.59 0.00	31.11 1.62 0.00	34.15 1.99 0.00	38.42 2.14 0.00	47.45 3.23 0.00	53.44 3.26 0.00	52.37 3.10 0.00	45.12 2.99 0.00	40.04 2.37 0.00	38.35 1.97 0.00
BALL_HILL_WT_PWR 323825	32.70 -2.16 0.00	30.83 -2.43 0.00	29.61 -2.30 0.00	28.68 -2.09 0.00	28.51 -2.11 0.00	31.09 -2.52 0.00	37.76 -2.80 0.00	42.47 -3.39 0.00	38.22 -2.61 0.00	32.09 -2.12 0.02	29.93 -1.78 0.02	29.93 -1.71 0.00	28.02 -1.63 0.00	26.24 -1.92 0.00	25.50 -1.83 0.02	27.51 -1.98 0.00	27.36 -2.60 2.20	32.14 -2.83 1.31	40.28 -3.67 0.28	47.31 -2.86 0.01	46.85 -2.41 0.00	40.53 -1.60 0.00	36.87 -0.79 0.00	36.65 0.26 0.00
BARON_WINDS___WT_PWR 323822	33.05 -1.81 0.00	31.23 -2.03 0.00	29.93 -1.98 0.00	28.96 -1.82 0.00	28.84 -1.78 0.00	31.56 -2.05 0.00	38.16 -2.39 0.00	42.93 -2.94 0.00	38.30 -2.53 0.00	31.69 -2.26 0.28	29.51 -1.94 0.28	29.78 -1.87 0.00	27.97 -1.69 0.00	26.32 -1.83 0.00	25.35 -1.72 0.28	27.66 -1.83 0.00	-5.94 -2.28 35.82	12.59 -2.40 21.29	36.94 -2.78 4.50	47.62 -2.46 0.10	47.15 -2.12 0.00	40.57 -1.56 0.00	36.65 -1.02 0.00	35.99 -0.40 0.00
BARRETT_IC_1 23704	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BARRETT_IC_10 23701	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BARRETT_IC_11 23702	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BARRETT_IC_12 23703	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BARRETT_IC_2 23705	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BARRETT_IC_3 23706	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BARRETT_IC_4 23707	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00

BARRETT_IC_5 23708	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BARRETT_IC_6 23709	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BARRETT_IC_7 23710	36.57 1.71 0.00	34.82 1.56 0.00	33.54 1.63 0.00	32.43 1.66 0.00	32.30 1.68 0.00	35.46 1.85 0.00	42.82 2.27 0.00	48.71 2.84 0.00	43.37 2.53 0.00	36.25 2.02 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.62 1.46 0.00	28.78 1.42 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.16 1.89 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.73 2.46 0.00	44.57 2.44 0.00	39.63 1.96 0.00	37.99 1.60 0.00
BARRETT_IC_8 23711	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BARRETT_IC_9 23700	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BARRETT___1 23545	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BARRETT___2 23546	36.53 1.67 0.00	34.99 1.73 0.00	33.54 1.63 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.39 1.78 0.00	42.82 2.27 0.00	48.76 2.89 0.00	43.28 2.45 0.00	36.28 2.05 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.69 1.34 0.00	30.96 1.47 0.00	33.86 1.70 0.00	38.20 1.92 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.57 2.44 0.00	39.51 1.85 0.00	37.92 1.53 0.00
BATAVIA__115KV_TB1 55881	33.12 -1.74 0.00	31.40 -1.86 0.00	29.96 -1.95 0.00	29.05 -1.72 0.00	28.88 -1.75 0.00	31.63 -1.98 0.00	38.24 -2.31 0.00	43.02 -2.84 0.00	38.63 -2.21 0.00	32.67 -1.54 0.02	30.50 -1.21 0.02	30.28 -1.36 0.00	28.38 -1.28 0.00	26.63 -1.52 0.00	25.86 -1.48 0.02	28.01 -1.47 0.00	28.23 -1.19 2.74	33.27 -1.38 1.63	41.98 -1.90 0.34	48.06 -2.11 0.01	47.54 -1.72 0.00	41.07 -1.05 0.00	37.14 -0.53 0.00	36.28 -0.11 0.00
BAYONEEC___CTG1 323682	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.34 2.48 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.29 1.64 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.88 2.65 0.00	52.98 2.81 0.00	51.83 2.56 0.00	44.27 2.15 0.00	39.32 1.66 0.00	37.77 1.38 0.00
BAYONEEC___CTG10 323750	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.34 2.48 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.29 1.64 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.88 2.65 0.00	52.98 2.81 0.00	51.83 2.56 0.00	44.27 2.15 0.00	39.32 1.66 0.00	37.77 1.38 0.00
BAYONEEC___CTG2 323683	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.34 2.48 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.29 1.64 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.88 2.65 0.00	52.98 2.81 0.00	51.83 2.56 0.00	44.27 2.15 0.00	39.32 1.66 0.00	37.77 1.38 0.00
BAYONEEC___CTG3 323684	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.34 2.48 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.29 1.64 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.88 2.65 0.00	52.98 2.81 0.00	51.83 2.56 0.00	44.27 2.15 0.00	39.32 1.66 0.00	37.77 1.38 0.00
BAYONEEC___CTG4 323685	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.34 2.48 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.29 1.64 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.88 2.65 0.00	52.98 2.81 0.00	51.83 2.56 0.00	44.27 2.15 0.00	39.32 1.66 0.00	37.77 1.38 0.00
BAYONEEC___CTG5 323686	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.34 2.48 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.29 1.64 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.88 2.65 0.00	52.98 2.81 0.00	51.83 2.56 0.00	44.27 2.15 0.00	39.32 1.66 0.00	37.77 1.38 0.00
BAYONEEC___CTG6 323687	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.34 2.48 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.29 1.64 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.88 2.65 0.00	52.98 2.81 0.00	51.83 2.56 0.00	44.27 2.15 0.00	39.32 1.66 0.00	37.77 1.38 0.00

BAYONEEC___CTG7 323688	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.34 2.48 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.29 1.64 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.88 2.65 0.00	52.98 2.81 0.00	51.83 2.56 0.00	44.27 2.15 0.00	39.32 1.66 0.00	37.77 1.38 0.00
BAYONEEC___CTG8 323689	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.34 2.48 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.29 1.64 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.88 2.65 0.00	52.98 2.81 0.00	51.83 2.56 0.00	44.27 2.15 0.00	39.32 1.66 0.00	37.77 1.38 0.00
BAYONEEC___CTG9 323749	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.34 2.48 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.29 1.64 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.88 2.65 0.00	52.98 2.81 0.00	51.83 2.56 0.00	44.27 2.15 0.00	39.32 1.66 0.00	37.77 1.38 0.00
BEACON___LESR 323632	35.77 0.90 0.00	34.25 1.00 0.00	33.00 1.09 0.00	31.82 1.05 0.00	31.69 1.07 0.00	34.62 1.01 0.00	41.69 1.13 0.00	47.15 1.28 0.00	41.89 1.06 0.00	35.12 0.89 0.00	32.52 0.79 0.00	32.40 0.76 0.00	30.37 0.71 0.00	28.91 0.76 0.00	28.06 0.71 0.00	30.28 0.80 0.00	33.09 0.93 0.00	37.44 1.16 0.00	45.64 1.41 0.00	51.78 1.61 0.00	50.80 1.53 0.00	43.26 1.14 0.00	38.65 0.98 0.00	37.19 0.80 0.00
BEAVER RIVER___HYD 24048	34.69 -0.17 0.00	32.99 -0.27 0.00	31.62 -0.29 0.00	30.47 -0.31 0.00	30.34 -0.28 0.00	33.45 -0.17 0.00	40.39 -0.16 0.00	45.59 -0.27 0.00	40.43 -0.41 0.00	33.75 -0.48 0.00	31.22 -0.51 0.00	31.10 -0.54 0.00	29.15 -0.50 0.00	27.70 -0.45 0.00	26.92 -0.44 0.00	29.07 -0.41 0.00	31.71 -0.45 0.00	38.39 -0.25 -2.36	46.84 -0.18 -2.79	53.34 0.05 -3.12	52.70 0.35 -3.09	45.07 0.25 -2.69	40.26 0.15 -2.44	38.86 0.11 -2.36
BEEBEE_GT_13 23619	33.33 -1.53 0.00	31.66 -1.60 0.00	30.28 -1.63 0.00	29.30 -1.48 0.00	29.15 -1.47 0.00	31.93 -1.68 0.00	38.57 -1.99 0.00	43.53 -2.34 0.00	38.96 -1.88 0.00	33.00 -1.23 0.00	30.77 -0.95 0.00	30.57 -1.08 0.00	28.65 -1.01 0.00	27.00 -1.15 0.00	26.37 -0.98 0.00	28.37 -1.12 0.00	31.42 -0.74 0.00	35.37 -0.91 0.00	42.90 -1.33 0.00	48.27 -1.91 0.00	47.59 -1.68 0.00	40.95 -1.18 0.00	36.91 -0.75 0.00	35.92 -0.47 0.00
BENSHRST_27_KV_BENSHRST_1 355998	54.05 2.09 -17.10	53.97 2.10 -18.62	53.29 1.95 -19.44	53.29 1.94 -20.57	53.44 2.02 -20.80	54.04 2.08 -18.34	54.22 2.51 -11.15	55.14 3.12 -6.16	57.84 2.70 -14.31	54.88 2.36 -18.29	57.10 2.06 -23.31	57.66 2.06 -23.96	57.85 1.93 -26.27	60.10 1.91 -30.03	60.19 1.89 -30.95	59.27 1.95 -27.84	58.97 2.12 -24.68	60.61 2.43 -21.91	60.59 3.32 -13.04	62.64 3.61 -8.85	60.02 3.35 -7.40	60.01 2.82 -15.06	54.99 2.30 -15.02	54.21 2.11 -15.71
BETHLEHEM___GRP 23843	35.31 0.45 0.00	33.86 0.60 0.00	32.61 0.70 0.00	31.51 0.74 0.00	31.36 0.73 0.00	34.25 0.64 0.00	41.16 0.61 0.00	46.56 0.69 0.00	41.41 0.57 0.00	34.74 0.51 0.00	32.20 0.48 0.00	32.09 0.44 0.00	30.07 0.42 0.00	28.63 0.48 0.00	27.82 0.47 0.00	29.96 0.47 0.00	32.74 0.58 0.00	36.93 0.65 0.00	45.02 0.80 0.00	51.03 0.85 0.00	50.05 0.79 0.00	42.72 0.59 0.00	38.16 0.49 0.00	36.72 0.33 0.00
BETHLEHEM___GS1 323560	35.35 0.49 0.00	33.86 0.60 0.00	32.64 0.73 0.00	31.48 0.71 0.00	31.35 0.73 0.00	34.22 0.61 0.00	41.16 0.61 0.00	46.56 0.69 0.00	41.41 0.57 0.00	34.74 0.51 0.00	32.20 0.48 0.00	32.09 0.44 0.00	30.07 0.41 0.00	28.60 0.45 0.00	27.76 0.41 0.00	29.96 0.47 0.00	32.74 0.58 0.00	36.97 0.69 0.00	45.02 0.80 0.00	51.03 0.85 0.00	50.05 0.79 0.00	42.67 0.55 0.00	38.12 0.45 0.00	36.68 0.29 0.00
BETHLEHEM___GS2 323561	35.35 0.49 0.00	33.86 0.60 0.00	32.64 0.73 0.00	31.48 0.71 0.00	31.35 0.73 0.00	34.22 0.61 0.00	41.16 0.61 0.00	46.56 0.69 0.00	41.41 0.57 0.00	34.74 0.51 0.00	32.20 0.48 0.00	32.09 0.44 0.00	30.07 0.41 0.00	28.60 0.45 0.00	27.76 0.41 0.00	29.96 0.47 0.00	32.74 0.58 0.00	36.97 0.69 0.00	45.02 0.80 0.00	51.03 0.85 0.00	50.05 0.79 0.00	42.67 0.55 0.00	38.12 0.45 0.00	36.68 0.29 0.00
BETHLEHEM___GS3 323562	35.35 0.49 0.00	33.86 0.60 0.00	32.64 0.73 0.00	31.48 0.71 0.00	31.35 0.73 0.00	34.22 0.61 0.00	41.16 0.61 0.00	46.56 0.69 0.00	41.41 0.57 0.00	34.74 0.51 0.00	32.20 0.48 0.00	32.09 0.44 0.00	30.07 0.41 0.00	28.60 0.45 0.00	27.76 0.41 0.00	29.96 0.47 0.00	32.74 0.58 0.00	36.97 0.69 0.00	45.02 0.80 0.00	51.03 0.85 0.00	50.05 0.79 0.00	42.67 0.55 0.00	38.12 0.45 0.00	36.68 0.29 0.00
BETHLEHEM___STEEL 23779	32.53 -2.34 0.00	30.86 -2.39 0.00	29.45 -2.46 0.00	28.53 -2.25 0.00	28.35 -2.27 0.00	30.93 -2.69 0.00	37.55 -3.00 0.00	42.15 -3.72 0.00	37.93 -2.90 0.00	31.98 -2.22 0.02	29.83 -1.87 0.02	29.84 -1.80 0.00	27.97 -1.69 0.00	26.18 -1.97 0.00	25.01 -2.33 0.02	27.51 -1.98 0.00	26.96 -2.44 2.76	31.88 -2.76 1.64	40.21 -3.67 0.35	46.96 -3.21 0.01	46.51 -2.76 0.00	40.19 -1.94 0.00	36.46 -1.21 0.00	35.99 -0.40 0.00
BETHLHEM_115KV_TB1 79974	35.38 0.52 0.00	33.89 0.63 0.00	32.64 0.73 0.00	31.51 0.74 0.00	31.39 0.77 0.00	34.29 0.67 0.00	41.20 0.65 0.00	46.65 0.78 0.00	41.49 0.65 0.00	34.78 0.55 0.00	32.23 0.51 0.00	32.12 0.47 0.00	30.10 0.44 0.00	28.63 0.48 0.00	27.85 0.49 0.00	29.99 0.50 0.00	32.77 0.61 0.00	36.97 0.69 0.00	45.06 0.84 0.00	51.13 0.95 0.00	50.10 0.84 0.00	42.76 0.63 0.00	38.19 0.53 0.00	36.79 0.40 0.00
BETHPAGE_CC_5 323564	36.60 1.74 0.00	35.05 1.79 0.00	33.57 1.66 0.00	32.43 1.66 0.00	32.27 1.65 0.00	35.46 1.85 0.00	42.99 2.43 0.00	48.99 3.12 0.00	43.45 2.62 0.00	36.42 2.19 0.00	33.73 2.00 0.00	33.48 1.83 0.00	31.26 1.60 0.00	29.67 1.52 0.00	28.72 1.37 0.00	31.02 1.53 0.00	33.93 1.77 0.00	38.24 1.96 0.00	47.06 2.83 0.00	52.93 2.76 0.00	51.83 2.56 0.00	44.65 2.53 0.00	39.55 1.88 0.00	37.95 1.56 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.63 -2.23 0.00	30.96 -2.29 0.00	29.52 -2.39 0.00	28.59 -2.18 0.00	28.42 -2.20 0.00	31.03 -2.59 0.00	37.67 -2.88 0.00	42.29 -3.58 0.00	38.06 -2.78 0.00	32.02 -2.19 0.02	29.83 -1.87 0.02	29.90 -1.74 0.00	28.02 -1.63 0.00	26.24 -1.91 0.00	24.95 -2.38 0.02	27.57 -1.92 0.00	27.09 -2.54 2.53	31.91 -2.87 1.50	40.10 -3.80 0.32	47.11 -3.06 0.01	46.66 -2.61 0.00	40.27 -1.85 0.00	36.54 -1.13 0.00	36.10 -0.29 0.00

BINGHAMTON___COGEN 23790	34.65 -0.21 0.00	32.99 -0.27 0.00	31.59 -0.32 0.00	30.53 -0.25 0.00	30.38 -0.24 0.00	33.28 -0.34 0.00	40.23 -0.32 0.00	45.41 -0.46 0.00	40.51 -0.33 0.00	33.95 -0.27 0.00	31.54 -0.19 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	27.93 -0.23 0.00	27.03 -0.33 0.00	29.31 -0.18 0.00	31.81 -0.35 0.00	35.95 -0.33 0.00	43.83 -0.40 0.00	50.12 -0.05 0.00	49.22 -0.05 0.00	42.17 0.04 0.00	37.78 0.11 0.00	36.68 0.29 0.00
BIXINCNT_115KV_LOAD 355685	32.18 -2.68 0.00	30.50 -2.76 0.00	29.10 -2.81 0.00	28.19 -2.58 0.00	28.02 -2.60 0.00	30.66 -2.96 0.00	37.27 -3.28 0.00	41.79 -4.08 0.00	37.57 -3.27 0.00	31.45 -2.77 0.01	29.18 -2.54 0.01	29.33 -2.31 0.00	27.61 -2.05 0.00	25.76 -2.39 0.00	24.17 -3.17 0.01	26.89 -2.59 0.00	27.21 -3.76 1.19	31.47 -4.10 0.70	38.86 -5.22 0.15	46.41 -3.76 0.00	46.01 -3.25 0.00	39.85 -2.27 0.00	36.31 -1.36 0.00	36.03 -0.36 0.00
BLACK RIVER___HYD 24047	35.25 0.38 0.00	33.49 0.23 0.00	32.07 0.16 0.00	30.93 0.15 0.00	30.84 0.22 0.00	33.98 0.37 0.00	41.04 0.49 0.00	46.28 0.41 0.00	40.92 0.08 0.00	34.16 -0.07 0.00	31.60 -0.13 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	28.01 -0.14 0.00	27.24 -0.11 0.00	29.46 -0.03 0.00	32.16 0.00 0.00	38.25 0.33 -1.65	46.79 0.62 -1.95	53.41 1.06 -2.18	52.80 1.38 -2.16	45.18 1.18 -1.88	40.31 0.94 -1.70	38.95 0.91 -1.65
BLACKRVR_115KV_TB2 79977	35.24 0.38 0.00	33.49 0.23 0.00	32.07 0.16 0.00	30.93 0.15 0.00	30.80 0.18 0.00	33.95 0.34 0.00	41.04 0.49 0.00	46.28 0.41 0.00	40.92 0.08 0.00	34.16 -0.07 0.00	31.60 -0.13 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	28.01 -0.14 0.00	27.22 -0.14 0.00	29.46 -0.03 0.00	32.16 0.00 0.00	38.29 0.36 -1.65	46.79 0.62 -1.95	53.41 1.05 -2.18	52.80 1.38 -2.16	45.14 1.14 -1.88	40.31 0.94 -1.70	38.91 0.87 -1.65
BLISS_WT_PWR 323608	31.97 -2.89 0.00	30.17 -3.09 0.00	28.94 -2.97 0.00	28.03 -2.74 0.00	27.86 -2.76 0.00	30.52 -3.09 0.00	37.03 -3.53 0.00	41.55 -4.31 0.00	37.40 -3.43 0.00	31.21 -3.01 0.01	28.99 -2.73 0.01	29.11 -2.53 0.00	27.43 -2.22 0.00	25.56 -2.59 0.00	24.80 -2.54 0.01	26.66 -2.83 0.00	26.95 -4.02 1.19	31.26 -4.32 0.70	38.55 -5.53 0.15	46.11 -4.06 0.00	45.72 -3.55 0.00	39.68 -2.44 0.00	36.27 -1.39 0.00	36.21 -0.18 0.00
BLUESTONE___WT_PWR 323821	36.26 1.40 0.00	34.35 1.10 0.00	32.84 0.93 0.00	31.73 0.96 0.00	31.60 0.98 0.00	34.69 1.08 0.00	41.89 1.34 0.00	47.29 1.42 0.00	41.98 1.14 0.00	35.12 0.89 0.00	32.61 0.89 0.00	32.59 0.95 0.00	30.48 0.83 0.00	28.88 0.73 0.00	28.09 0.74 0.00	30.31 0.82 0.00	32.80 0.64 0.00	37.22 0.94 0.00	45.42 1.19 0.00	51.83 1.65 0.00	51.14 1.87 0.00	43.77 1.64 0.00	39.18 1.51 0.00	38.03 1.64 0.00
BLUE_CIRC_CHEM_DRP 24182	35.66 0.80 0.00	34.12 0.86 0.00	32.84 0.93 0.00	31.70 0.92 0.00	31.54 0.92 0.00	34.52 0.91 0.00	41.57 1.01 0.00	46.97 1.10 0.00	41.65 0.82 0.00	34.84 0.62 0.00	32.23 0.51 0.00	32.12 0.47 0.00	30.13 0.47 0.00	28.66 0.51 0.00	27.90 0.55 0.00	30.08 0.59 0.00	32.87 0.71 0.00	37.15 0.87 0.00	45.37 1.15 0.00	51.48 1.30 0.00	50.55 1.28 0.00	43.14 1.01 0.00	38.53 0.87 0.00	37.15 0.76 0.00
BOC_GAS_DRP 24189	35.45 0.59 0.00	33.92 0.67 0.00	32.61 0.70 0.00	31.48 0.71 0.00	31.36 0.73 0.00	34.32 0.71 0.00	41.32 0.77 0.00	46.78 0.92 0.00	41.61 0.78 0.00	34.88 0.65 0.00	32.30 0.57 0.00	32.18 0.54 0.00	30.16 0.50 0.00	28.69 0.53 0.00	27.87 0.52 0.00	30.05 0.56 0.00	32.80 0.64 0.00	37.04 0.76 0.00	45.20 0.97 0.00	51.23 1.05 0.00	50.25 0.99 0.00	42.93 0.80 0.00	38.31 0.64 0.00	36.94 0.55 0.00
BOONVILLE_115KV_TB1 79983	35.28 0.42 0.00	33.59 0.33 0.00	32.20 0.29 0.00	31.05 0.28 0.00	30.93 0.31 0.00	34.02 0.40 0.00	41.08 0.53 0.00	46.37 0.50 0.00	41.20 0.37 0.00	34.47 0.24 0.00	31.95 0.22 0.00	31.86 0.22 0.00	29.83 0.18 0.00	28.32 0.17 0.00	27.52 0.16 0.00	29.72 0.24 0.00	32.38 0.23 0.00	37.61 0.44 -0.90	45.86 0.57 -1.06	52.16 0.80 -1.19	51.38 0.94 -1.17	43.95 0.80 -1.02	39.24 0.64 -0.93	37.91 0.62 -0.90
BORALEX_4TH_BRANCH 23824	36.36 1.50 0.00	34.89 1.63 0.00	33.47 1.56 0.00	32.34 1.57 0.00	32.18 1.56 0.00	35.26 1.65 0.00	42.46 1.91 0.00	48.02 2.16 0.00	42.84 2.00 0.00	35.70 1.47 0.00	32.99 1.27 0.00	32.81 1.17 0.00	30.72 1.07 0.00	29.25 1.10 0.00	28.45 1.09 0.00	30.67 1.18 0.00	33.61 1.45 0.00	37.91 1.63 0.00	46.39 2.17 0.00	52.43 2.26 0.00	51.48 2.22 0.00	43.90 1.77 0.00	39.14 1.47 0.00	37.63 1.24 0.00
BOWLINE___1 23526	36.05 1.19 0.00	34.49 1.23 0.00	33.06 1.15 0.00	31.94 1.17 0.00	31.78 1.16 0.00	34.79 1.18 0.00	42.01 1.46 0.00	47.75 1.88 0.00	42.51 1.67 0.00	35.60 1.37 0.00	32.93 1.21 0.00	32.84 1.20 0.00	30.78 1.13 0.00	29.25 1.10 0.00	28.39 1.04 0.00	30.61 1.12 0.00	33.38 1.22 0.00	37.77 1.49 0.00	46.26 2.04 0.00	52.33 2.16 0.00	51.29 2.02 0.00	43.81 1.69 0.00	38.95 1.28 0.00	37.45 1.06 0.00
BOWLINE___2 23595	36.05 1.19 0.00	34.49 1.23 0.00	33.06 1.15 0.00	31.94 1.17 0.00	31.78 1.16 0.00	34.79 1.18 0.00	42.01 1.46 0.00	47.75 1.88 0.00	42.51 1.67 0.00	35.60 1.37 0.00	32.93 1.21 0.00	32.84 1.20 0.00	30.78 1.13 0.00	29.25 1.10 0.00	28.39 1.04 0.00	30.61 1.12 0.00	33.38 1.22 0.00	37.77 1.49 0.00	46.26 2.04 0.00	52.33 2.16 0.00	51.29 2.02 0.00	43.81 1.69 0.00	38.95 1.28 0.00	37.45 1.06 0.00
BRADY___115KV_TB2 356060	34.90 0.03 0.00	33.19 -0.07 0.00	31.88 -0.03 0.00	30.62 -0.15 0.00	30.41 -0.21 0.00	33.61 0.00 0.00	40.59 0.04 0.00	45.82 -0.05 0.00	40.67 -0.16 0.00	33.95 -0.27 0.00	31.41 -0.32 0.00	31.42 -0.22 0.00	29.45 -0.21 0.00	28.01 -0.14 0.00	27.14 -0.22 0.00	29.28 -0.21 0.00	31.81 -0.35 0.00	38.93 -0.36 -3.02	47.39 -0.40 -3.57	53.95 -0.20 -3.98	53.21 0.00 -3.94	45.56 0.00 -3.44	40.78 0.00 -3.11	39.47 0.07 -3.01
BRANSCOMB___SOLAR 323811	36.29 1.43 0.00	34.72 1.46 0.00	33.31 1.40 0.00	32.13 1.35 0.00	32.00 1.38 0.00	35.09 1.48 0.00	42.38 1.83 0.00	48.71 2.84 0.00	42.79 1.96 0.00	35.29 1.06 0.00	32.36 0.63 0.00	32.27 0.63 0.00	30.43 0.77 0.00	29.05 0.90 0.00	28.39 1.04 0.00	30.73 1.24 0.00	33.73 1.58 0.00	38.42 2.14 0.00	47.23 3.01 0.00	54.09 3.92 0.00	53.06 3.79 0.00	44.95 2.82 0.00	40.11 2.45 0.00	38.54 2.15 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.78 1.92 0.00	34.99 1.73 0.00	33.79 1.88 0.00	32.77 2.00 0.00	32.67 2.05 0.00	35.93 2.32 0.00	43.43 2.88 0.00	49.40 3.53 0.00	43.98 3.14 0.00	36.69 2.46 0.00	33.91 2.19 0.00	33.60 1.96 0.00	31.29 1.63 0.00	29.67 1.52 0.00	28.80 1.45 0.00	30.99 1.50 0.00	34.02 1.87 0.00	38.27 2.00 0.00	47.23 3.01 0.00	53.13 2.96 0.00	52.07 2.81 0.00	44.91 2.78 0.00	39.85 2.18 0.00	38.17 1.78 0.00

BRISTLHL_115KV_TB1 79998	34.30 -0.56 0.00	32.69 -0.57 0.00	31.34 -0.57 0.00	30.28 -0.49 0.00	30.13 -0.49 0.00	33.01 -0.61 0.00	39.86 -0.69 0.00	45.00 -0.87 0.00	40.10 -0.74 0.00	33.71 -0.51 0.00	31.31 -0.41 0.00	31.20 -0.44 0.00	29.24 -0.42 0.00	27.70 -0.45 0.00	26.97 -0.38 0.00	29.10 -0.38 0.00	31.77 -0.39 0.00	35.81 -0.47 0.00	43.56 -0.66 0.00	49.42 -0.75 0.00	48.53 -0.74 0.00	41.49 -0.63 0.00	37.18 -0.49 0.00	35.95 -0.44 0.00
BROOKHAVEN___DRP 24191	36.22 1.36 0.00	34.42 1.16 0.00	33.41 1.50 0.00	32.53 1.75 0.00	32.43 1.81 0.00	35.70 2.08 0.00	43.27 2.72 0.00	49.22 3.35 0.00	43.82 2.98 0.00	36.59 2.36 0.00	33.76 2.03 0.00	33.38 1.74 0.00	30.93 1.28 0.00	29.28 1.13 0.00	28.37 1.01 0.00	30.52 1.03 0.00	33.51 1.35 0.00	37.66 1.38 0.00	46.52 2.30 0.00	52.28 2.11 0.00	51.24 1.97 0.00	44.23 2.11 0.00	39.25 1.58 0.00	37.55 1.16 0.00
BROOKLYN_NAVY_YARD 23515	36.39 1.53 0.00	34.85 1.60 0.00	33.41 1.50 0.00	32.28 1.51 0.00	32.15 1.53 0.00	35.19 1.58 0.00	42.46 1.91 0.00	48.39 2.52 0.00	43.04 2.20 0.00	36.11 1.88 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.86 1.50 0.00	31.08 1.59 0.00	33.86 1.70 0.00	38.31 2.03 0.00	46.97 2.74 0.00	53.08 2.91 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.36 1.70 0.00	37.81 1.42 0.00
BROOKLYN___ARMY_DRP 323595	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
BROOKVLE_69_KV_TB1 55790	36.78 1.92 0.00	35.02 1.76 0.00	33.70 1.79 0.00	32.62 1.85 0.00	32.49 1.87 0.00	35.66 2.05 0.00	43.07 2.51 0.00	49.03 3.16 0.00	43.61 2.78 0.00	36.49 2.26 0.00	33.76 2.03 0.00	33.57 1.93 0.00	31.38 1.72 0.00	29.79 1.63 0.00	28.94 1.59 0.00	31.14 1.65 0.00	34.06 1.90 0.00	38.38 2.10 0.00	47.23 3.01 0.00	53.23 3.06 0.00	52.17 2.91 0.00	44.86 2.74 0.00	39.85 2.18 0.00	38.21 1.82 0.00
BROOME_2_LFGE 323671	34.65 -0.21 0.00	32.96 -0.30 0.00	31.59 -0.32 0.00	30.56 -0.21 0.00	30.41 -0.21 0.00	33.28 -0.34 0.00	40.23 -0.33 0.00	45.41 -0.46 0.00	40.51 -0.33 0.00	33.95 -0.28 0.00	31.57 -0.16 0.00	31.52 -0.13 0.00	29.51 -0.15 0.00	27.93 -0.23 0.00	27.19 -0.16 0.00	29.31 -0.18 0.00	31.84 -0.32 0.00	35.95 -0.33 0.00	43.87 -0.36 0.00	50.12 -0.05 0.00	49.22 -0.05 0.00	42.17 0.04 0.00	37.82 0.15 0.00	36.75 0.36 0.00
BROOME___LFGE 323600	34.65 -0.21 0.00	32.96 -0.30 0.00	31.59 -0.32 0.00	30.56 -0.21 0.00	30.41 -0.21 0.00	33.28 -0.34 0.00	40.23 -0.33 0.00	45.41 -0.46 0.00	40.51 -0.33 0.00	33.95 -0.28 0.00	31.57 -0.16 0.00	31.52 -0.13 0.00	29.51 -0.15 0.00	27.93 -0.23 0.00	27.19 -0.16 0.00	29.31 -0.18 0.00	31.84 -0.32 0.00	35.95 -0.33 0.00	43.87 -0.36 0.00	50.12 -0.05 0.00	49.22 -0.05 0.00	42.17 0.04 0.00	37.82 0.15 0.00	36.75 0.36 0.00
BROWNFLS_115KV_TB 3_5 80003	34.16 -0.70 0.00	32.53 -0.73 0.00	31.18 -0.73 0.00	30.00 -0.77 0.00	29.82 -0.80 0.00	32.94 -0.67 0.00	39.82 -0.73 0.00	44.95 -0.92 0.00	39.85 -0.98 0.00	33.30 -0.92 0.00	30.81 -0.92 0.00	30.76 -0.89 0.00	28.83 -0.83 0.00	27.39 -0.76 0.00	26.59 -0.77 0.00	28.69 -0.80 0.00	31.23 -0.93 0.00	39.65 -0.87 -4.24	48.22 -1.02 -5.02	54.87 -0.90 -5.60	54.17 -0.64 -5.54	46.37 -0.59 -4.83	41.45 -0.60 -4.38	40.08 -0.55 -4.23
BROWNSV1_27_KV_LOAD 356125	36.67 1.81 0.00	35.02 1.76 0.00	33.60 1.69 0.00	32.50 1.72 0.00	32.37 1.75 0.00	35.43 1.82 0.00	42.70 2.15 0.00	48.71 2.84 0.00	43.28 2.45 0.00	36.32 2.09 0.00	33.60 1.87 0.00	33.54 1.90 0.00	31.44 1.78 0.00	29.90 1.75 0.00	29.08 1.72 0.00	31.26 1.77 0.00	34.06 1.90 0.00	38.49 2.21 0.00	47.23 3.01 0.00	53.44 3.26 0.00	52.27 3.01 0.00	44.65 2.53 0.00	39.66 2.00 0.00	38.17 1.78 0.00
BURROWS___LYONSDAL 23803	35.11 0.24 0.00	33.42 0.17 0.00	32.04 0.13 0.00	30.90 0.12 0.00	30.77 0.15 0.00	33.85 0.24 0.00	40.88 0.32 0.00	46.19 0.32 0.00	41.00 0.16 0.00	34.30 0.07 0.00	31.76 0.03 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.15 0.00 0.00	27.35 0.00 0.00	29.55 0.06 0.00	32.22 0.06 0.00	37.72 0.25 -1.19	45.98 0.35 -1.40	52.34 0.60 -1.57	51.60 0.79 -1.55	44.11 0.63 -1.35	39.38 0.49 -1.22	38.05 0.47 -1.18
CAITHNESS_CC_1 323624	36.22 1.36 0.00	34.89 1.63 0.00	33.41 1.50 0.00	32.34 1.57 0.00	32.15 1.53 0.00	35.43 1.81 0.00	43.23 2.68 0.00	49.26 3.39 0.00	43.65 2.82 0.00	36.59 2.36 0.00	33.73 2.00 0.00	33.35 1.71 0.00	30.96 1.30 0.00	29.28 1.13 0.00	28.26 0.90 0.00	30.52 1.03 0.00	33.54 1.38 0.00	37.73 1.45 0.00	46.57 2.34 0.00	52.28 2.11 0.00	51.24 1.97 0.00	44.23 2.11 0.00	39.10 1.43 0.00	37.52 1.13 0.00
CALPINE BETH_PAGE_GT4 24209	36.53 1.67 0.00	34.79 1.53 0.00	33.51 1.60 0.00	32.43 1.66 0.00	32.34 1.71 0.00	35.50 1.88 0.00	42.87 2.31 0.00	48.80 2.94 0.00	43.45 2.61 0.00	36.35 2.12 0.00	33.72 2.00 0.00	33.51 1.87 0.00	31.26 1.60 0.00	29.67 1.52 0.00	28.83 1.48 0.00	31.05 1.56 0.00	33.90 1.74 0.00	38.13 1.85 0.00	46.97 2.74 0.00	52.83 2.66 0.00	51.78 2.51 0.00	44.61 2.49 0.00	39.59 1.92 0.00	37.95 1.56 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.53 1.67 0.00	34.95 1.70 0.00	33.50 1.59 0.00	32.37 1.60 0.00	32.21 1.59 0.00	35.39 1.78 0.00	42.86 2.31 0.00	48.85 2.98 0.00	43.37 2.53 0.00	36.39 2.16 0.00	33.69 1.97 0.00	33.51 1.87 0.00	31.26 1.60 0.00	29.67 1.52 0.00	28.75 1.39 0.00	31.02 1.53 0.00	33.89 1.74 0.00	38.16 1.89 0.00	46.97 2.74 0.00	52.83 2.66 0.00	51.78 2.51 0.00	44.57 2.44 0.00	39.48 1.81 0.00	37.88 1.49 0.00
CALPINE_BP_GT1 23823	36.53 1.67 0.00	34.95 1.70 0.00	33.50 1.59 0.00	32.37 1.60 0.00	32.21 1.59 0.00	35.39 1.78 0.00	42.86 2.31 0.00	48.85 2.98 0.00	43.37 2.53 0.00	36.39 2.16 0.00	33.69 1.97 0.00	33.51 1.87 0.00	31.26 1.60 0.00	29.67 1.52 0.00	28.75 1.39 0.00	31.02 1.53 0.00	33.89 1.74 0.00	38.16 1.89 0.00	46.97 2.74 0.00	52.83 2.66 0.00	51.78 2.51 0.00	44.57 2.44 0.00	39.48 1.81 0.00	37.88 1.49 0.00
CALSPAN___DRP 24200	32.53 -2.34 0.00	30.86 -2.39 0.00	29.45 -2.46 0.00	28.53 -2.25 0.00	28.35 -2.27 0.00	30.93 -2.69 0.00	37.55 -3.00 0.00	42.15 -3.72 0.00	37.93 -2.90 0.00	31.98 -2.22 0.02	29.83 -1.87 0.02	29.84 -1.80 0.00	27.97 -1.69 0.00	26.18 -1.97 0.00	25.01 -2.33 0.02	27.51 -1.98 0.00	26.96 -2.44 2.76	31.88 -2.76 1.64	40.21 -3.67 0.35	46.96 -3.21 0.01	46.51 -2.76 0.00	40.19 -1.94 0.00	36.46 -1.21 0.00	35.99 -0.40 0.00

CALVERTON___SOLAR 323806	36.22 1.36 0.00	34.89 1.63 0.00	33.44 1.53 0.00	32.37 1.60 0.00	32.18 1.56 0.00	35.53 1.92 0.00	43.35 2.80 0.00	49.40 3.53 0.00	43.78 2.94 0.00	36.69 2.47 0.00	33.79 2.06 0.00	33.41 1.77 0.00	30.99 1.34 0.00	29.25 1.10 0.00	28.20 0.85 0.00	30.49 1.00 0.00	33.48 1.32 0.00	37.69 1.41 0.00	46.52 2.30 0.00	52.28 2.11 0.00	51.24 1.97 0.00	44.19 2.06 0.00	39.06 1.39 0.00	37.48 1.09 0.00
CANDIGU_WT_PWR 323617	33.05 -1.81 0.00	31.23 -2.03 0.00	29.93 -1.98 0.00	28.96 -1.82 0.00	28.84 -1.78 0.00	31.56 -2.05 0.00	38.16 -2.39 0.00	42.93 -2.94 0.00	38.30 -2.53 0.00	31.69 -2.26 0.28	29.51 -1.94 0.28	29.78 -1.87 0.00	27.97 -1.69 0.00	26.32 -1.83 0.00	25.35 -1.72 0.28	27.66 -1.83 0.00	-5.94 -2.28 35.82	12.59 -2.40 21.29	36.94 -2.78 4.50	47.62 -2.46 0.10	47.15 -2.12 0.00	40.57 -1.56 0.00	36.65 -1.02 0.00	35.99 -0.40 0.00
CARR STREET_E_SYR 24060	34.51 -0.35 0.00	32.86 -0.40 0.00	31.53 -0.38 0.00	30.47 -0.31 0.00	30.31 -0.31 0.00	33.25 -0.37 0.00	40.11 -0.45 0.00	45.32 -0.55 0.00	40.39 -0.45 0.00	33.92 -0.31 0.00	31.54 -0.19 0.00	31.42 -0.22 0.00	29.45 -0.21 0.00	27.90 -0.25 0.00	27.16 -0.19 0.00	29.28 -0.20 0.00	32.00 -0.16 0.00	36.03 -0.25 0.00	43.87 -0.36 0.00	49.77 -0.40 0.00	48.87 -0.40 0.00	41.83 -0.29 0.00	37.48 -0.19 0.00	36.28 -0.11 0.00
CARTHAGE___PAPER 23857	34.90 0.03 0.00	33.16 -0.10 0.00	31.78 -0.13 0.00	30.62 -0.15 0.00	30.50 -0.12 0.00	33.65 0.03 0.00	40.68 0.12 0.00	45.87 0.00 0.00	40.59 -0.24 0.00	33.85 -0.38 0.00	31.31 -0.41 0.00	31.17 -0.47 0.00	29.21 -0.44 0.00	27.76 -0.39 0.00	26.97 -0.38 0.00	29.16 -0.32 0.00	31.81 -0.35 0.00	38.13 -0.07 -1.93	46.59 0.09 -2.28	53.17 0.45 -2.54	52.52 0.74 -2.52	44.91 0.59 -2.19	40.07 0.42 -1.99	38.71 0.40 -1.92
CASSADAGA_WT_PWR 323784	32.21 -2.65 0.00	30.36 -2.89 0.00	29.17 -2.74 0.00	28.25 -2.52 0.00	28.05 -2.57 0.00	30.59 -3.03 0.00	37.31 -3.25 0.00	42.01 -3.85 0.00	37.86 -2.98 0.00	31.82 -2.40 0.01	29.62 -2.09 0.01	29.55 -2.09 0.00	27.64 -2.02 0.00	25.82 -2.34 0.00	24.94 -2.41 0.01	26.83 -2.65 0.00	27.39 -3.47 1.30	31.73 -3.77 0.77	39.42 -4.64 0.16	46.71 -3.46 0.00	46.51 -2.76 0.00	40.44 -1.69 0.00	37.03 -0.64 0.00	37.01 0.62 0.00
CE_DUNWOOD___DRP 24194	36.33 1.46 0.00	34.72 1.46 0.00	33.31 1.40 0.00	32.22 1.45 0.00	32.06 1.44 0.00	35.13 1.51 0.00	42.34 1.78 0.00	48.16 2.29 0.00	42.88 2.04 0.00	35.91 1.68 0.00	33.22 1.49 0.00	33.13 1.49 0.00	31.05 1.39 0.00	29.50 1.35 0.00	28.69 1.34 0.00	30.87 1.39 0.00	33.67 1.51 0.00	38.02 1.74 0.00	46.66 2.43 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.15 2.02 0.00	39.29 1.62 0.00	37.77 1.38 0.00
CE_MILLWOOD___DRP 24193	36.22 1.36 0.00	34.62 1.36 0.00	33.22 1.31 0.00	32.10 1.32 0.00	31.97 1.35 0.00	35.03 1.41 0.00	42.22 1.66 0.00	48.02 2.16 0.00	42.75 1.92 0.00	35.80 1.57 0.00	33.12 1.40 0.00	33.00 1.36 0.00	30.93 1.28 0.00	29.39 1.24 0.00	28.58 1.23 0.00	30.75 1.27 0.00	33.57 1.42 0.00	37.91 1.63 0.00	46.48 2.26 0.00	52.63 2.46 0.00	51.53 2.27 0.00	44.02 1.90 0.00	39.17 1.51 0.00	37.66 1.27 0.00
CE_NYC2_DRP 24202	37.27 1.78 -0.63	35.71 1.76 -0.69	34.29 1.66 -0.72	33.22 1.69 -0.76	33.13 1.75 -0.77	36.07 1.78 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.29 2.41 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.84 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	34.02 1.67 -4.99	35.19 1.71 -3.99	37.56 1.87 -3.54	41.56 2.14 -3.14	49.02 2.92 -1.88	54.60 3.16 -1.26	53.23 2.91 -1.06	46.73 2.44 -2.16	40.18 1.96 -0.56	38.68 1.71 -0.58
CE_NYC_DRP 24195	36.50 1.64 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.34 1.57 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.44 2.57 0.00	43.08 2.25 0.00	36.11 1.88 0.00	33.44 1.71 0.00	33.35 1.71 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.91 1.56 0.00	31.08 1.59 0.00	33.90 1.74 0.00	38.27 2.00 0.00	46.97 2.74 0.00	53.13 2.96 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.44 1.77 0.00	37.95 1.56 0.00
CHAFFEE___LFGE 323603	33.15 -1.71 0.00	31.26 -1.99 0.00	30.00 -1.91 0.00	29.08 -1.69 0.00	28.88 -1.74 0.00	31.50 -2.12 0.00	38.36 -2.19 0.00	43.12 -2.75 0.00	38.75 -2.08 0.00	32.11 -2.12 0.00	29.92 -1.81 0.00	30.22 -1.42 0.00	28.32 -1.33 0.00	26.55 -1.60 0.00	25.80 -1.56 0.00	27.84 -1.65 0.00	28.81 -3.35 0.00	32.62 -3.66 0.00	39.67 -4.55 0.00	47.92 -2.26 0.00	47.39 -1.87 0.00	40.82 -1.31 0.00	36.99 -0.68 0.00	36.65 0.26 0.00
CHATEAUG_35_KV_LOAD 355732	33.99 -0.87 0.00	32.43 -0.83 0.00	31.18 -0.73 0.00	29.88 -0.89 0.00	29.61 -1.01 0.00	32.71 -0.91 0.00	39.58 -0.97 0.00	44.81 -1.05 0.00	39.90 -0.94 0.00	33.44 -0.79 0.00	30.93 -0.79 0.00	31.01 -0.63 0.00	29.00 -0.65 0.00	27.56 -0.59 0.00	26.64 -0.71 0.00	28.69 -0.80 0.00	30.94 -1.22 0.00	-8.37 -1.41 43.23	-8.62 -1.72 51.12	-8.69 -1.81 57.06	-8.84 -1.63 56.48	-8.58 -1.43 49.27	-8.29 -1.32 44.64	-7.96 -1.20 43.15
CHATEAUG_WT_PWR 323614	33.89 -0.98 0.00	32.33 -0.93 0.00	31.08 -0.83 0.00	29.79 -0.99 0.00	29.52 -1.10 0.00	32.61 -1.01 0.00	39.46 -1.09 0.00	44.67 -1.19 0.00	39.77 -1.06 0.00	33.37 -0.85 0.00	30.90 -0.83 0.00	31.01 -0.63 0.00	28.97 -0.68 0.00	27.53 -0.62 0.00	26.64 -0.71 0.00	28.63 -0.86 0.00	30.84 -1.32 0.00	-5.55 -1.52 40.31	-5.30 -1.86 47.67	-5.04 -2.01 53.21	-5.27 -1.87 52.66	-5.42 -1.60 45.94	-5.43 -1.47 41.63	-5.23 -1.38 40.23
CHAT_HIGH_FALL_HYD 323578	33.99 -0.87 0.00	32.43 -0.83 0.00	31.18 -0.73 0.00	29.88 -0.89 0.00	29.61 -1.01 0.00	32.71 -0.91 0.00	39.58 -0.97 0.00	44.81 -1.05 0.00	39.90 -0.94 0.00	33.44 -0.79 0.00	30.93 -0.79 0.00	31.01 -0.63 0.00	29.00 -0.65 0.00	27.56 -0.59 0.00	26.64 -0.71 0.00	28.69 -0.80 0.00	30.94 -1.22 0.00	-8.37 -1.41 43.23	-8.62 -1.72 51.12	-8.69 -1.81 57.06	-8.84 -1.63 56.48	-8.58 -1.43 49.27	-8.29 -1.32 44.64	-7.96 -1.20 43.15
CHAUTAUQUA___LFGE 323629	32.70 -2.16 0.00	30.83 -2.43 0.00	29.58 -2.33 0.00	28.68 -2.09 0.00	28.48 -2.14 0.00	31.06 -2.56 0.00	37.76 -2.80 0.00	42.52 -3.35 0.00	38.26 -2.57 0.00	32.16 -2.05 0.02	29.97 -1.74 0.02	29.93 -1.71 0.00	28.02 -1.63 0.00	26.21 -1.94 0.00	25.45 -1.89 0.02	27.42 -2.06 0.00	27.51 -2.70 1.95	32.22 -2.90 1.16	40.26 -3.71 0.24	47.31 -2.86 0.01	47.00 -2.27 0.00	40.69 -1.43 0.00	37.06 -0.60 0.00	36.90 0.51 0.00
CHERRYST_13_KV_LD 356241	36.57 1.71 0.00	34.95 1.70 0.00	33.54 1.63 0.00	32.40 1.63 0.00	32.27 1.65 0.00	35.33 1.71 0.00	42.62 2.07 0.00	48.57 2.71 0.00	43.16 2.33 0.00	36.21 1.99 0.00	33.53 1.81 0.00	33.45 1.80 0.00	31.35 1.69 0.00	29.81 1.66 0.00	29.00 1.64 0.00	31.17 1.68 0.00	33.96 1.80 0.00	38.38 2.10 0.00	47.05 2.83 0.00	53.23 3.06 0.00	52.07 2.81 0.00	44.49 2.36 0.00	39.55 1.88 0.00	38.06 1.67 0.00

CHESTROR_138KV_BK263 355645	35.91 1.05 0.00	34.32 1.06 0.00	32.93 1.02 0.00	31.79 1.02 0.00	31.66 1.04 0.00	34.69 1.08 0.00	41.85 1.30 0.00	47.47 1.61 0.00	42.30 1.47 0.00	35.39 1.16 0.00	32.74 1.02 0.00	32.62 0.98 0.00	30.60 0.95 0.00	29.05 0.90 0.00	28.26 0.90 0.00	30.43 0.94 0.00	33.19 1.03 0.00	37.51 1.23 0.00	45.99 1.77 0.00	52.13 1.96 0.00	51.04 1.77 0.00	43.64 1.52 0.00	38.84 1.17 0.00	37.41 1.02 0.00
CH_MIDHUDSON___DRP 24192	36.26 1.39 0.00	34.69 1.43 0.00	33.28 1.37 0.00	32.16 1.38 0.00	32.00 1.38 0.00	35.09 1.48 0.00	42.30 1.74 0.00	48.02 2.16 0.00	42.75 1.92 0.00	35.77 1.54 0.00	33.06 1.33 0.00	32.94 1.30 0.00	30.87 1.22 0.00	29.36 1.21 0.00	28.53 1.18 0.00	30.73 1.24 0.00	33.54 1.38 0.00	37.91 1.63 0.00	46.52 2.30 0.00	52.68 2.51 0.00	51.63 2.36 0.00	44.06 1.94 0.00	39.21 1.54 0.00	37.77 1.38 0.00
CH_MISC_IPPS 23765	36.39 1.53 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.22 1.45 0.00	32.06 1.44 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.21 2.34 0.00	42.88 2.04 0.00	35.87 1.64 0.00	33.12 1.39 0.00	33.00 1.36 0.00	30.96 1.30 0.00	29.42 1.27 0.00	28.56 1.20 0.00	30.82 1.33 0.00	33.61 1.45 0.00	38.09 1.81 0.00	46.70 2.48 0.00	52.93 2.76 0.00	51.88 2.61 0.00	44.27 2.15 0.00	39.36 1.70 0.00	37.88 1.49 0.00
CH_RES_BVR_FALLS 23983	34.27 -0.59 0.00	32.66 -0.60 0.00	31.30 -0.61 0.00	30.07 -0.71 0.00	29.89 -0.74 0.00	32.84 -0.77 0.00	39.62 -0.93 0.00	44.81 -1.05 0.00	39.94 -0.90 0.00	33.51 -0.72 0.00	31.06 -0.67 0.00	31.01 -0.63 0.00	29.03 -0.62 0.00	27.59 -0.56 0.00	26.78 -0.58 0.00	28.81 -0.68 0.00	31.36 -0.80 0.00	35.37 -0.91 0.00	43.12 -1.10 0.00	48.97 -1.20 0.00	48.14 -1.13 0.00	41.20 -0.93 0.00	36.87 -0.79 0.00	35.70 -0.69 0.00
CH_RES_NIAGARA 23895	31.41 -3.45 0.00	29.83 -3.43 0.00	28.46 -3.45 0.00	27.57 -3.20 0.00	27.44 -3.18 0.00	29.95 -3.66 0.00	36.25 -4.30 0.00	40.64 -5.23 0.00	36.59 -4.25 0.00	31.09 -3.11 0.03	29.00 -2.70 0.03	28.83 -2.82 0.00	27.02 -2.64 0.00	25.31 -2.84 0.00	24.56 -2.76 0.03	26.63 -2.86 0.00	25.84 -2.80 3.53	30.99 -3.19 2.10	39.53 -4.25 0.44	45.25 -4.92 0.01	44.73 -4.53 0.00	38.67 -3.45 0.00	35.14 -2.52 0.00	34.64 -1.75 0.00
CH_RES_SYRACUSE 23985	34.76 -0.10 0.00	33.09 -0.17 0.00	31.75 -0.16 0.00	30.65 -0.12 0.00	30.53 -0.09 0.00	33.45 -0.17 0.00	40.39 -0.16 0.00	45.59 -0.27 0.00	40.63 -0.20 0.00	34.16 -0.07 0.00	31.73 0.00 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.10 -0.06 0.00	27.35 0.00 0.00	29.52 0.03 0.00	32.22 0.06 0.00	36.28 0.00 0.00	44.18 -0.04 0.00	50.17 0.00 0.00	49.22 -0.05 0.00	42.13 0.00 0.00	37.74 0.08 0.00	36.54 0.15 0.00
CLINTON_WT_PWR 323605	33.89 -0.98 0.00	32.33 -0.93 0.00	31.08 -0.83 0.00	29.79 -0.99 0.00	29.52 -1.10 0.00	32.61 -1.01 0.00	39.46 -1.09 0.00	44.67 -1.19 0.00	39.77 -1.06 0.00	33.37 -0.85 0.00	30.90 -0.83 0.00	31.01 -0.63 0.00	28.97 -0.68 0.00	27.53 -0.62 0.00	26.64 -0.71 0.00	28.63 -0.86 0.00	30.84 -1.32 0.00	-5.55 -1.52 40.31	-5.30 -1.86 47.67	-5.04 -2.01 53.21	-5.27 -1.87 52.66	-5.42 -1.60 45.94	-5.43 -1.47 41.63	-5.23 -1.38 40.23
CLINTON___LFGE 323618	33.95 -0.91 0.00	32.39 -0.86 0.00	31.21 -0.70 0.00	29.91 -0.86 0.00	29.61 -1.01 0.00	32.74 -0.87 0.00	39.66 -0.89 0.00	44.99 -0.87 0.00	40.10 -0.73 0.00	33.68 -0.55 0.00	31.16 -0.57 0.00	31.45 -0.19 0.00	29.36 -0.30 0.00	27.87 -0.28 0.00	26.97 -0.38 0.00	28.96 -0.53 0.00	30.94 -1.22 0.00	-6.39 -1.38 41.29	-6.29 -1.68 48.83	-6.09 -1.76 54.51	-6.16 -1.48 53.95	-6.29 -1.35 47.06	-6.25 -1.28 42.64	-6.13 -1.31 41.21
COBBLENY_34_KV_TB1 80064	33.12 -1.74 0.00	31.40 -1.86 0.00	29.96 -1.95 0.00	29.02 -1.75 0.00	28.81 -1.81 0.00	31.43 -2.18 0.00	38.32 -2.23 0.00	43.02 -2.84 0.00	38.67 -2.16 0.00	32.11 -2.12 0.00	29.89 -1.84 0.00	30.19 -1.46 0.00	28.29 -1.36 0.00	26.52 -1.63 0.00	24.62 -2.74 0.00	27.81 -1.68 0.00	28.81 -3.34 0.00	32.54 -3.74 0.00	39.58 -4.64 0.00	47.87 -2.31 0.00	47.35 -1.92 0.00	40.78 -1.35 0.00	36.88 -0.79 0.00	36.39 0.00 0.00
COFFEEN___115KV_TB3 355620	35.45 0.59 0.00	33.69 0.43 0.00	32.26 0.35 0.00	31.08 0.31 0.00	30.99 0.37 0.00	34.15 0.54 0.00	41.32 0.77 0.00	46.51 0.64 0.00	41.12 0.29 0.00	34.30 0.07 0.00	31.73 0.00 0.00	31.61 -0.03 0.00	29.63 -0.03 0.00	28.12 -0.03 0.00	27.33 -0.03 0.00	29.58 0.09 0.00	32.29 0.13 0.00	38.46 0.58 -1.60	47.00 0.88 -1.89	53.69 1.40 -2.11	53.13 1.77 -2.09	45.43 1.47 -1.82	40.53 1.21 -1.65	39.12 1.13 -1.60
COLDSPRG_115KV_BK1 355956	33.22 -1.64 0.00	31.46 -1.80 0.00	30.03 -1.88 0.00	29.08 -1.69 0.00	28.88 -1.75 0.00	31.50 -2.12 0.00	38.49 -2.07 0.00	43.25 -2.61 0.00	38.96 -1.88 0.00	32.62 -1.61 0.00	30.33 -1.40 0.00	30.44 -1.20 0.00	28.50 -1.16 0.00	26.66 -1.49 0.00	24.97 -2.38 0.00	27.84 -1.65 0.00	29.36 -2.80 0.00	33.23 -3.05 0.00	40.38 -3.85 0.00	48.12 -2.06 0.00	47.84 -1.43 0.00	41.28 -0.84 0.00	37.52 -0.15 0.00	37.19 0.80 0.00
COLONIE_LFGE___ 323577	35.98 1.12 0.00	34.45 1.20 0.00	33.09 1.18 0.00	31.91 1.14 0.00	31.78 1.16 0.00	34.82 1.21 0.00	41.97 1.42 0.00	47.43 1.56 0.00	42.18 1.35 0.00	35.25 1.03 0.00	32.58 0.86 0.00	32.46 0.82 0.00	30.43 0.77 0.00	28.97 0.82 0.00	28.12 0.76 0.00	30.34 0.86 0.00	33.22 1.06 0.00	37.58 1.30 0.00	45.86 1.64 0.00	51.98 1.80 0.00	50.99 1.72 0.00	43.47 1.35 0.00	38.80 1.13 0.00	37.33 0.94 0.00
COOPERNY_115KV_TB1 80082	35.59 0.73 0.00	33.99 0.73 0.00	32.61 0.70 0.00	31.48 0.71 0.00	31.36 0.73 0.00	34.35 0.74 0.00	41.45 0.89 0.00	47.01 1.15 0.00	41.86 1.02 0.00	35.05 0.82 0.00	32.46 0.73 0.00	32.37 0.73 0.00	30.34 0.68 0.00	28.80 0.65 0.00	28.01 0.66 0.00	30.17 0.68 0.00	32.90 0.74 0.00	37.18 0.91 0.00	45.46 1.24 0.00	51.53 1.35 0.00	50.55 1.28 0.00	43.22 1.10 0.00	38.53 0.87 0.00	37.15 0.76 0.00
COPENHAGEN_WT_PWR 323753	35.14 0.28 0.00	33.39 0.13 0.00	31.97 0.06 0.00	30.83 0.06 0.00	30.74 0.12 0.00	33.85 0.24 0.00	40.92 0.36 0.00	46.14 0.28 0.00	40.83 0.00 0.00	34.09 -0.14 0.00	31.57 -0.16 0.00	31.45 -0.19 0.00	29.48 -0.18 0.00	27.96 -0.20 0.00	27.19 -0.16 0.00	29.40 -0.09 0.00	32.10 -0.06 0.00	38.05 0.26 -1.51	46.50 0.49 -1.79	53.03 0.85 -2.00	52.43 1.18 -1.98	44.82 0.97 -1.73	40.02 0.79 -1.56	38.67 0.77 -1.51
CORNELL_____ 23752	35.31 0.45 0.00	33.62 0.37 0.00	32.20 0.29 0.00	31.11 0.34 0.00	30.99 0.37 0.00	33.95 0.34 0.00	41.04 0.49 0.00	46.33 0.46 0.00	41.24 0.41 0.00	34.58 0.34 -0.01	32.12 0.38 -0.01	31.99 0.35 0.00	29.95 0.30 0.00	28.38 0.23 -0.01	27.59 0.22 -0.01	29.84 0.35 0.00	34.22 0.39 -1.68	37.82 0.54 -1.00	45.14 0.71 -0.21	51.28 1.10 0.00	50.30 1.03 0.00	43.05 0.93 0.00	38.53 0.87 0.00	37.30 0.91 0.00

CORONA_V_69_KV_TB1 355595	36.71 1.85 0.00	34.99 1.73 0.00	33.67 1.76 0.00	32.56 1.78 0.00	32.43 1.81 0.00	35.60 1.98 0.00	42.99 2.43 0.00	48.89 3.03 0.00	43.53 2.70 0.00	36.38 2.16 0.00	33.66 1.94 0.00	33.51 1.87 0.00	31.29 1.63 0.00	29.73 1.58 0.00	28.89 1.53 0.00	31.08 1.59 0.00	33.99 1.83 0.00	38.31 2.03 0.00	47.14 2.92 0.00	53.13 2.96 0.00	52.07 2.81 0.00	44.78 2.65 0.00	39.78 2.11 0.00	38.17 1.78 0.00
CORTLAND_115KV_TB3 80093	35.07 0.21 0.00	33.39 0.13 0.00	31.97 0.06 0.00	30.90 0.12 0.00	30.77 0.15 0.00	33.72 0.10 0.00	40.76 0.20 0.00	46.01 0.14 0.00	40.96 0.12 0.00	34.33 0.10 0.00	31.88 0.16 0.00	31.80 0.16 0.00	29.80 0.15 0.00	28.21 0.06 0.00	27.41 0.05 0.00	29.66 0.18 0.00	32.32 0.16 0.00	36.53 0.25 0.00	44.53 0.31 0.00	50.73 0.55 0.00	49.81 0.54 0.00	42.63 0.51 0.00	38.16 0.49 0.00	36.94 0.55 0.00
COXSACKIE___GT 23611	36.85 1.99 0.00	35.19 1.93 0.00	33.86 1.95 0.00	32.62 1.85 0.00	32.49 1.87 0.00	35.63 2.02 0.00	42.90 2.35 0.00	48.48 2.61 0.00	42.92 2.08 0.00	35.63 1.40 0.00	32.71 0.98 0.00	32.56 0.92 0.00	30.58 0.92 0.00	29.05 0.90 0.00	28.20 0.85 0.00	30.55 1.06 0.00	33.51 1.35 0.00	38.24 1.96 0.00	46.88 2.65 0.00	53.54 3.36 0.00	52.57 3.30 0.00	44.65 2.53 0.00	39.93 2.26 0.00	38.54 2.15 0.00
CPV_VALLEY___CC1 323721	35.66 0.80 0.00	34.09 0.83 0.00	32.71 0.80 0.00	31.57 0.80 0.00	31.45 0.83 0.00	34.42 0.81 0.00	41.57 1.01 0.00	47.15 1.28 0.00	41.98 1.14 0.00	35.19 0.96 0.00	32.55 0.82 0.00	32.43 0.79 0.00	30.43 0.77 0.00	28.88 0.73 0.00	28.06 0.71 0.00	30.25 0.77 0.00	32.99 0.83 0.00	37.33 1.05 0.00	45.64 1.41 0.00	51.68 1.50 0.00	50.64 1.38 0.00	43.30 1.18 0.00	38.57 0.90 0.00	37.12 0.73 0.00
CPV_VALLEY___CC2 323722	35.66 0.80 0.00	34.09 0.83 0.00	32.71 0.80 0.00	31.57 0.80 0.00	31.45 0.83 0.00	34.42 0.81 0.00	41.57 1.01 0.00	47.15 1.28 0.00	41.98 1.14 0.00	35.19 0.96 0.00	32.55 0.82 0.00	32.43 0.79 0.00	30.43 0.77 0.00	28.88 0.73 0.00	28.06 0.71 0.00	30.25 0.77 0.00	32.99 0.83 0.00	37.33 1.05 0.00	45.64 1.41 0.00	51.68 1.50 0.00	50.64 1.38 0.00	43.30 1.18 0.00	38.57 0.90 0.00	37.12 0.73 0.00
CRESCENT___HYD 24018	35.98 1.12 0.00	34.45 1.20 0.00	33.09 1.18 0.00	31.91 1.14 0.00	31.78 1.16 0.00	34.82 1.21 0.00	41.97 1.42 0.00	47.43 1.56 0.00	42.18 1.35 0.00	35.25 1.03 0.00	32.58 0.86 0.00	32.46 0.82 0.00	30.43 0.77 0.00	28.97 0.82 0.00	28.12 0.76 0.00	30.34 0.86 0.00	33.22 1.06 0.00	37.58 1.30 0.00	45.86 1.64 0.00	51.98 1.80 0.00	50.99 1.72 0.00	43.47 1.35 0.00	38.80 1.13 0.00	37.33 0.94 0.00
CRICKET___VALLEY_CC1 323756	35.98 1.12 0.00	34.52 1.26 0.00	33.12 1.21 0.00	32.01 1.23 0.00	31.85 1.23 0.00	34.86 1.24 0.00	42.01 1.46 0.00	47.65 1.79 0.00	42.43 1.59 0.00	35.50 1.27 0.00	32.84 1.11 0.00	32.72 1.08 0.00	30.66 1.01 0.00	29.16 1.01 0.00	28.31 0.96 0.00	30.55 1.06 0.00	33.35 1.19 0.00	37.69 1.41 0.00	46.12 1.90 0.00	52.13 1.95 0.00	51.09 1.82 0.00	43.64 1.51 0.00	38.84 1.17 0.00	37.30 0.91 0.00
CRICKET___VALLEY_CC2 323757	35.98 1.12 0.00	34.52 1.26 0.00	33.12 1.21 0.00	32.01 1.23 0.00	31.85 1.23 0.00	34.86 1.24 0.00	42.01 1.46 0.00	47.65 1.79 0.00	42.43 1.59 0.00	35.50 1.27 0.00	32.84 1.11 0.00	32.72 1.08 0.00	30.66 1.01 0.00	29.16 1.01 0.00	28.31 0.96 0.00	30.55 1.06 0.00	33.35 1.19 0.00	37.69 1.41 0.00	46.12 1.90 0.00	52.13 1.95 0.00	51.09 1.82 0.00	43.64 1.51 0.00	38.84 1.17 0.00	37.30 0.91 0.00
CRICKET___VALLEY_CC3 323758	35.98 1.12 0.00	34.52 1.26 0.00	33.12 1.21 0.00	32.01 1.23 0.00	31.85 1.23 0.00	34.86 1.24 0.00	42.01 1.46 0.00	47.65 1.79 0.00	42.43 1.59 0.00	35.50 1.27 0.00	32.84 1.11 0.00	32.72 1.08 0.00	30.66 1.01 0.00	29.16 1.01 0.00	28.31 0.96 0.00	30.55 1.06 0.00	33.35 1.19 0.00	37.69 1.41 0.00	46.12 1.90 0.00	52.13 1.95 0.00	51.09 1.82 0.00	43.64 1.51 0.00	38.84 1.17 0.00	37.30 0.91 0.00
CRUCIBLE_METL_DRP 24180	34.76 -0.10 0.00	33.12 -0.13 0.00	31.72 -0.19 0.00	30.65 -0.12 0.00	30.53 -0.09 0.00	33.45 -0.17 0.00	40.39 -0.16 0.00	45.59 -0.28 0.00	40.63 -0.20 0.00	34.16 -0.07 0.00	31.73 0.00 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.10 -0.06 0.00	27.35 0.00 0.00	29.52 0.03 0.00	32.22 0.06 0.00	36.31 0.04 0.00	44.18 -0.04 0.00	50.17 0.00 0.00	49.22 -0.05 0.00	42.13 0.00 0.00	37.74 0.08 0.00	36.50 0.11 0.00
DAHOWA___HYDRO 323763	36.36 1.50 0.00	34.79 1.53 0.00	33.38 1.47 0.00	32.19 1.42 0.00	32.06 1.44 0.00	35.19 1.58 0.00	42.54 1.99 0.00	48.71 2.84 0.00	42.88 2.04 0.00	35.36 1.13 0.00	32.46 0.73 0.00	32.37 0.73 0.00	30.52 0.86 0.00	29.11 0.96 0.00	28.42 1.07 0.00	30.75 1.27 0.00	33.77 1.61 0.00	38.42 2.14 0.00	47.23 3.01 0.00	54.09 3.92 0.00	53.06 3.79 0.00	44.95 2.82 0.00	40.11 2.45 0.00	38.54 2.15 0.00
DANC___LFGE 323619	34.72 -0.14 0.00	33.03 -0.23 0.00	31.65 -0.26 0.00	30.56 -0.21 0.00	30.44 -0.18 0.00	33.48 -0.13 0.00	40.43 -0.12 0.00	45.59 -0.27 0.00	40.47 -0.37 0.00	33.85 -0.38 0.00	31.38 -0.35 0.00	31.26 -0.38 0.00	29.30 -0.35 0.00	27.79 -0.37 0.00	27.03 -0.33 0.00	29.19 -0.29 0.00	31.90 -0.26 0.00	37.21 -0.11 -1.04	45.41 -0.04 -1.23	51.70 0.15 -1.37	50.97 0.35 -1.36	43.61 0.30 -1.18	38.97 0.23 -1.07	37.65 0.22 -1.04
DANSKAMMER___1 23586	36.39 1.53 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.22 1.45 0.00	32.06 1.44 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.21 2.34 0.00	42.88 2.04 0.00	35.87 1.64 0.00	33.12 1.39 0.00	33.00 1.36 0.00	30.96 1.30 0.00	29.42 1.27 0.00	28.56 1.20 0.00	30.82 1.33 0.00	33.61 1.45 0.00	38.09 1.81 0.00	46.70 2.48 0.00	52.93 2.76 0.00	51.88 2.61 0.00	44.27 2.15 0.00	39.36 1.70 0.00	37.88 1.49 0.00
DANSKAMMER___2 23589	36.39 1.53 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.22 1.45 0.00	32.06 1.44 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.21 2.34 0.00	42.88 2.04 0.00	35.87 1.64 0.00	33.12 1.39 0.00	33.00 1.36 0.00	30.96 1.30 0.00	29.42 1.27 0.00	28.56 1.20 0.00	30.82 1.33 0.00	33.61 1.45 0.00	38.09 1.81 0.00	46.70 2.48 0.00	52.93 2.76 0.00	51.88 2.61 0.00	44.27 2.15 0.00	39.36 1.70 0.00	37.88 1.49 0.00
DANSKAMMER___3 23590	36.39 1.53 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.22 1.45 0.00	32.06 1.44 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.21 2.34 0.00	42.88 2.04 0.00	35.87 1.64 0.00	33.12 1.39 0.00	33.00 1.36 0.00	30.96 1.30 0.00	29.42 1.27 0.00	28.56 1.20 0.00	30.82 1.33 0.00	33.61 1.45 0.00	38.09 1.81 0.00	46.70 2.48 0.00	52.93 2.76 0.00	51.88 2.61 0.00	44.27 2.15 0.00	39.36 1.70 0.00	37.88 1.49 0.00

DANSKAMMER___4 23591	36.39 1.53 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.22 1.45 0.00	32.06 1.44 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.21 2.34 0.00	42.88 2.04 0.00	35.87 1.64 0.00	33.12 1.39 0.00	33.00 1.36 0.00	30.96 1.30 0.00	29.42 1.27 0.00	28.56 1.20 0.00	30.82 1.33 0.00	33.61 1.45 0.00	38.09 1.81 0.00	46.70 2.48 0.00	52.93 2.76 0.00	51.88 2.61 0.00	44.27 2.15 0.00	39.36 1.70 0.00	37.88 1.49 0.00
DANSKAMMER___DIESEL 23592	36.40 1.53 0.00	34.79 1.53 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.09 1.47 0.00	35.19 1.58 0.00	42.42 1.87 0.00	48.21 2.34 0.00	42.92 2.08 0.00	35.87 1.64 0.00	33.12 1.40 0.00	33.00 1.36 0.00	30.96 1.30 0.00	29.42 1.27 0.00	28.58 1.23 0.00	30.81 1.33 0.00	33.64 1.48 0.00	38.06 1.78 0.00	46.70 2.48 0.00	52.93 2.76 0.00	51.88 2.61 0.00	44.27 2.15 0.00	39.40 1.73 0.00	37.95 1.56 0.00
DARBY___SOLAR 323810	36.33 1.46 0.00	34.76 1.50 0.00	33.35 1.44 0.00	32.16 1.39 0.00	32.03 1.41 0.00	35.13 1.51 0.00	43.03 2.47 0.00	48.81 2.94 0.00	42.96 2.12 0.00	35.46 1.23 0.00	32.55 0.82 0.00	32.46 0.82 0.00	30.60 0.95 0.00	29.22 1.07 0.00	28.50 1.15 0.00	30.82 1.33 0.00	33.83 1.67 0.00	38.49 2.21 0.00	47.32 3.09 0.00	54.14 3.96 0.00	53.11 3.85 0.00	44.99 2.87 0.00	40.19 2.52 0.00	38.65 2.26 0.00
DASHVILLE___HYD 23610	36.26 1.39 0.00	34.65 1.40 0.00	33.25 1.34 0.00	32.10 1.32 0.00	31.97 1.35 0.00	35.03 1.41 0.00	42.18 1.62 0.00	47.93 2.06 0.00	42.59 1.76 0.00	35.60 1.37 0.00	32.87 1.14 0.00	32.78 1.14 0.00	30.72 1.07 0.00	29.19 1.04 0.00	28.37 1.01 0.00	30.58 1.09 0.00	33.38 1.22 0.00	37.77 1.49 0.00	46.35 2.12 0.00	52.58 2.41 0.00	51.48 2.22 0.00	43.98 1.85 0.00	39.21 1.54 0.00	37.77 1.38 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.19 1.32 0.00	34.39 1.13 0.00	33.44 1.53 0.00	32.62 1.85 0.00	32.61 1.99 0.00	35.97 2.35 0.00	43.64 3.08 0.00	49.58 3.72 0.00	44.10 3.27 0.00	36.76 2.53 0.00	33.76 2.03 0.00	33.32 1.68 0.00	30.81 1.16 0.00	29.14 0.99 0.00	28.20 0.85 0.00	30.34 0.86 0.00	33.28 1.13 0.00	37.44 1.16 0.00	46.39 2.17 0.00	52.18 2.01 0.00	51.14 1.87 0.00	44.06 1.94 0.00	39.10 1.43 0.00	37.55 1.16 0.00
DELAWARE___LFGE 323621	35.63 0.77 0.00	33.99 0.73 0.00	32.58 0.67 0.00	31.45 0.68 0.00	31.33 0.70 0.00	34.35 0.74 0.00	41.49 0.93 0.00	46.97 1.10 0.00	41.77 0.94 0.00	34.98 0.75 0.00	32.42 0.70 0.00	32.34 0.70 0.00	30.31 0.65 0.00	28.77 0.62 0.00	27.93 0.57 0.00	30.17 0.68 0.00	32.83 0.68 0.00	37.15 0.87 0.00	45.37 1.15 0.00	51.53 1.35 0.00	50.65 1.38 0.00	43.31 1.18 0.00	38.68 1.02 0.00	37.34 0.95 0.00
DERFIELD_115KV_TB7 355931	34.97 0.10 0.00	33.36 0.10 0.00	32.01 0.10 0.00	30.90 0.12 0.00	30.74 0.12 0.00	33.72 0.10 0.00	40.68 0.12 0.00	46.01 0.14 0.00	40.96 0.12 0.00	34.33 0.10 0.00	31.82 0.10 0.00	31.71 0.06 0.00	29.72 0.06 0.00	28.21 0.06 0.00	27.44 0.08 0.00	29.58 0.09 0.00	32.26 0.10 0.00	36.39 0.11 0.00	44.40 0.18 0.00	50.32 0.15 0.00	49.41 0.15 0.00	42.25 0.13 0.00	37.78 0.11 0.00	36.46 0.07 0.00
DOGLEVILLE___HYD 23807	35.25 0.38 0.00	33.66 0.40 0.00	32.26 0.35 0.00	31.14 0.37 0.00	30.96 0.34 0.00	33.98 0.37 0.00	41.00 0.45 0.00	46.37 0.51 0.00	41.24 0.41 0.00	34.57 0.34 0.00	32.01 0.28 0.00	31.83 0.19 0.00	29.77 0.12 0.00	28.24 0.08 0.00	27.38 0.03 0.00	29.40 -0.09 0.00	31.94 -0.22 0.00	36.03 -0.25 0.00	43.87 -0.36 0.00	49.72 -0.45 0.00	48.87 -0.40 0.00	41.83 -0.29 0.00	37.44 -0.22 0.00	36.21 -0.18 0.00
DUNKIRK___115KV_TB_200 55889	32.66 -2.20 0.00	30.96 -2.29 0.00	29.58 -2.33 0.00	28.62 -2.15 0.00	28.45 -2.17 0.00	31.03 -2.59 0.00	37.80 -2.76 0.00	42.47 -3.39 0.00	38.22 -2.61 0.00	32.19 -2.02 0.02	29.97 -1.74 0.02	29.93 -1.71 0.00	28.05 -1.60 0.00	26.24 -1.91 0.00	24.96 -2.38 0.02	27.45 -2.03 0.00	27.51 -2.64 2.01	32.18 -2.90 1.19	40.26 -3.71 0.25	47.31 -2.86 0.01	46.95 -2.32 0.00	40.61 -1.52 0.00	36.88 -0.79 0.00	36.54 0.15 0.00
DUNKIRK___1 23563	32.66 -2.20 0.00	30.96 -2.29 0.00	29.58 -2.33 0.00	28.62 -2.15 0.00	28.45 -2.17 0.00	31.03 -2.59 0.00	37.80 -2.76 0.00	42.47 -3.39 0.00	38.22 -2.61 0.00	32.19 -2.02 0.02	29.97 -1.74 0.02	29.93 -1.71 0.00	28.05 -1.60 0.00	26.24 -1.91 0.00	24.96 -2.38 0.02	27.45 -2.03 0.00	27.51 -2.64 2.01	32.18 -2.90 1.19	40.26 -3.71 0.25	47.31 -2.86 0.01	46.95 -2.32 0.00	40.61 -1.52 0.00	36.88 -0.79 0.00	36.54 0.15 0.00
DUNKIRK___2 23564	32.66 -2.20 0.00	30.96 -2.29 0.00	29.58 -2.33 0.00	28.62 -2.15 0.00	28.45 -2.17 0.00	31.03 -2.59 0.00	37.80 -2.76 0.00	42.47 -3.39 0.00	38.22 -2.61 0.00	32.19 -2.02 0.02	29.97 -1.74 0.02	29.93 -1.71 0.00	28.05 -1.60 0.00	26.24 -1.91 0.00	24.96 -2.38 0.02	27.45 -2.03 0.00	27.51 -2.64 2.01	32.18 -2.90 1.19	40.26 -3.71 0.25	47.31 -2.86 0.01	46.95 -2.32 0.00	40.61 -1.52 0.00	36.88 -0.79 0.00	36.54 0.15 0.00
DUNKIRK___3 23565	32.66 -2.20 0.00	30.96 -2.29 0.00	29.55 -2.36 0.00	28.62 -2.15 0.00	28.45 -2.17 0.00	31.03 -2.59 0.00	37.80 -2.76 0.00	42.43 -3.44 0.00	38.18 -2.65 0.00	32.12 -2.09 0.02	29.90 -1.81 0.02	29.93 -1.71 0.00	28.02 -1.63 0.00	26.24 -1.91 0.00	24.98 -2.35 0.02	27.48 -2.01 0.00	27.36 -2.60 2.20	32.11 -2.87 1.31	40.23 -3.71 0.28	47.26 -2.91 0.01	46.85 -2.41 0.00	40.48 -1.64 0.00	36.73 -0.94 0.00	36.35 -0.04 0.00
DUNKIRK___4 23566	32.66 -2.20 0.00	30.96 -2.29 0.00	29.55 -2.36 0.00	28.62 -2.15 0.00	28.45 -2.17 0.00	31.03 -2.59 0.00	37.80 -2.76 0.00	42.43 -3.44 0.00	38.18 -2.65 0.00	32.12 -2.09 0.02	29.90 -1.81 0.02	29.93 -1.71 0.00	28.02 -1.63 0.00	26.24 -1.91 0.00	24.98 -2.35 0.02	27.48 -2.01 0.00	27.36 -2.60 2.20	32.11 -2.87 1.31	40.23 -3.71 0.28	47.26 -2.91 0.01	46.85 -2.41 0.00	40.48 -1.64 0.00	36.73 -0.94 0.00	36.35 -0.04 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.40 1.53 0.00	34.79 1.53 0.00	33.38 1.47 0.00	32.28 1.51 0.00	32.12 1.50 0.00	35.19 1.58 0.00	42.42 1.87 0.00	48.30 2.43 0.00	42.96 2.12 0.00	36.01 1.78 0.00	33.31 1.59 0.00	33.19 1.55 0.00	31.11 1.45 0.00	29.59 1.44 0.00	28.78 1.42 0.00	30.93 1.44 0.00	33.77 1.61 0.00	38.13 1.85 0.00	46.79 2.56 0.00	52.88 2.71 0.00	51.78 2.51 0.00	44.27 2.15 0.00	39.36 1.70 0.00	37.85 1.46 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.15 1.29 0.00	34.52 1.26 0.00	33.12 1.21 0.00	32.00 1.23 0.00	31.85 1.22 0.00	34.89 1.28 0.00	42.09 1.54 0.00	47.79 1.93 0.00	42.55 1.72 0.00	35.60 1.37 0.00	32.90 1.17 0.00	32.81 1.17 0.00	30.75 1.10 0.00	29.22 1.07 0.00	28.39 1.04 0.00	30.61 1.12 0.00	33.38 1.22 0.00	37.77 1.49 0.00	46.30 2.08 0.00	52.48 2.31 0.00	51.43 2.17 0.00	43.94 1.81 0.00	39.10 1.43 0.00	37.63 1.24 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.47 1.60 -0.01	34.90 1.63 -0.01	33.45 1.53 -0.01	32.35 1.57 -0.01	32.22 1.59 -0.01	35.27 1.65 -0.01	42.49 1.95 0.01	48.43 2.57 0.01	43.07 2.25 0.01	36.14 1.92 0.01	33.43 1.71 0.01	33.34 1.71 0.01	31.25 1.60 0.01	29.72 1.58 0.01	28.88 1.53 0.01	31.07 1.59 0.01	33.86 1.70 0.01	38.26 2.00 0.01	46.96 2.74 0.01	53.08 2.91 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.43 1.77 0.01	38.00 1.60 -0.01
E179THST_13_KV_LOAD 356214	36.61 1.74 -0.01	35.00 1.73 -0.01	33.55 1.63 -0.01	32.44 1.66 -0.01	32.34 1.71 -0.01	35.37 1.75 -0.01	42.65 2.11 0.01	48.61 2.75 0.01	43.24 2.41 0.01	36.24 2.02 0.01	33.56 1.84 0.01	33.47 1.84 0.01	31.37 1.72 0.01	29.83 1.69 0.01	29.01 1.67 0.01	31.19 1.71 0.01	34.02 1.87 0.01	38.41 2.14 0.01	47.13 2.92 0.01	53.33 3.16 0.01	52.17 2.91 0.01	44.56 2.44 0.01	39.58 1.92 0.01	38.14 1.75 -0.01
EAST HAMPTON___GT 23717	35.91 1.04 0.00	34.59 1.33 0.00	33.22 1.31 0.00	32.28 1.51 0.00	32.21 1.59 0.00	35.63 2.02 0.00	43.51 2.96 0.00	49.49 3.62 0.00	43.81 2.98 0.00	36.59 2.36 0.00	33.31 1.59 0.00	32.88 1.23 0.00	30.43 0.77 0.00	28.72 0.56 0.00	27.66 0.30 0.00	29.90 0.41 0.00	32.80 0.64 0.00	36.93 0.65 0.00	45.77 1.55 0.00	51.48 1.30 0.00	50.45 1.18 0.00	43.47 1.35 0.00	38.42 0.75 0.00	37.19 0.80 0.00
EAST RIVER___6 23660	36.47 1.60 0.00	34.92 1.66 0.00	33.47 1.56 0.00	32.34 1.57 0.00	32.24 1.62 0.00	35.26 1.65 0.00	42.54 1.99 0.00	48.48 2.61 0.00	43.08 2.24 0.00	36.18 1.95 0.00	33.47 1.74 0.00	33.38 1.74 0.00	31.29 1.63 0.00	29.78 1.63 0.00	28.91 1.56 0.00	31.11 1.62 0.00	33.93 1.77 0.00	38.38 2.10 0.00	47.01 2.79 0.00	53.13 2.96 0.00	51.97 2.71 0.00	44.40 2.27 0.00	39.44 1.77 0.00	37.92 1.53 0.00
EAST RIVER___7 23524	36.47 1.60 0.00	34.92 1.66 0.00	33.47 1.56 0.00	32.34 1.57 0.00	32.24 1.62 0.00	35.26 1.65 0.00	42.54 1.99 0.00	48.48 2.61 0.00	43.08 2.24 0.00	36.18 1.95 0.00	33.47 1.74 0.00	33.38 1.74 0.00	31.29 1.63 0.00	29.78 1.63 0.00	28.91 1.56 0.00	31.11 1.62 0.00	33.93 1.77 0.00	38.38 2.10 0.00	47.01 2.79 0.00	53.13 2.96 0.00	51.97 2.71 0.00	44.40 2.27 0.00	39.44 1.77 0.00	37.92 1.53 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.33 1.46 0.00	34.72 1.46 0.00	33.31 1.40 0.00	32.22 1.45 0.00	32.06 1.44 0.00	35.13 1.51 0.00	42.34 1.78 0.00	48.16 2.29 0.00	42.88 2.04 0.00	35.91 1.68 0.00	33.22 1.49 0.00	33.13 1.49 0.00	31.05 1.39 0.00	29.50 1.35 0.00	28.69 1.34 0.00	30.87 1.39 0.00	33.67 1.51 0.00	38.02 1.74 0.00	46.66 2.43 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.15 2.02 0.00	39.29 1.62 0.00	37.77 1.38 0.00
EAST_HAMPTON___DIESEL 23722	35.84 0.97 0.00	34.52 1.26 0.00	33.15 1.24 0.00	32.22 1.45 0.00	32.15 1.53 0.00	35.60 1.98 0.00	43.48 2.92 0.00	49.40 3.53 0.00	43.73 2.90 0.00	36.52 2.29 0.00	33.22 1.49 0.00	32.81 1.17 0.00	30.37 0.71 0.00	28.63 0.48 0.00	27.60 0.25 0.00	29.81 0.32 0.00	32.71 0.55 0.00	36.82 0.54 0.00	45.64 1.41 0.00	51.33 1.15 0.00	50.30 1.04 0.00	43.35 1.22 0.00	38.31 0.64 0.00	37.12 0.73 0.00
EAST_POINT___SOLAR 323840	36.71 1.85 0.00	35.02 1.76 0.00	33.54 1.63 0.00	32.34 1.57 0.00	32.21 1.59 0.00	35.46 1.85 0.00	42.90 2.35 0.00	48.02 2.16 0.00	41.89 1.06 0.00	34.50 0.27 0.00	31.66 -0.06 0.00	31.26 -0.38 0.00	29.74 0.09 0.00	28.32 0.17 0.00	27.38 0.03 0.00	29.78 0.29 0.00	32.93 0.77 0.00	37.98 1.71 0.00	46.97 2.74 0.00	53.74 3.56 0.00	52.82 3.55 0.00	44.86 2.74 0.00	40.04 2.37 0.00	38.54 2.15 0.00
EAST_PULASKI___ESR 323781	34.44 -0.42 0.00	32.79 -0.47 0.00	31.43 -0.48 0.00	30.37 -0.40 0.00	30.25 -0.37 0.00	33.18 -0.44 0.00	40.07 -0.48 0.00	45.23 -0.64 0.00	40.22 -0.61 0.00	33.75 -0.48 0.00	31.31 -0.41 0.00	31.20 -0.44 0.00	29.24 -0.42 0.00	27.70 -0.45 0.00	26.97 -0.38 0.00	29.10 -0.38 0.00	31.81 -0.35 0.00	35.91 -0.36 0.00	43.82 -0.40 0.00	49.83 -0.35 0.00	48.92 -0.34 0.00	41.87 -0.25 0.00	37.44 -0.22 0.00	36.21 -0.18 0.00
EAST_RIVER___1 323558	36.43 1.57 0.00	34.89 1.63 0.00	33.44 1.53 0.00	32.31 1.54 0.00	32.18 1.56 0.00	35.23 1.61 0.00	42.50 1.95 0.00	48.43 2.57 0.00	43.04 2.20 0.00	36.11 1.88 0.00	33.44 1.71 0.00	33.35 1.71 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.86 1.50 0.00	31.08 1.59 0.00	33.86 1.70 0.00	38.31 2.03 0.00	46.97 2.74 0.00	53.08 2.91 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.40 1.73 0.00	37.88 1.49 0.00
EAST_RIVER___2 323559	36.47 1.60 0.00	34.92 1.66 0.00	33.47 1.56 0.00	32.34 1.57 0.00	32.24 1.62 0.00	35.26 1.65 0.00	42.54 1.99 0.00	48.48 2.61 0.00	43.08 2.24 0.00	36.18 1.95 0.00	33.47 1.74 0.00	33.38 1.74 0.00	31.29 1.63 0.00	29.78 1.63 0.00	28.91 1.56 0.00	31.11 1.62 0.00	33.93 1.77 0.00	38.38 2.10 0.00	47.01 2.79 0.00	53.13 2.96 0.00	51.97 2.71 0.00	44.40 2.27 0.00	39.44 1.77 0.00	37.92 1.53 0.00
EAST___DELAWARE_HYD 23607	36.08 1.22 0.00	34.45 1.20 0.00	33.06 1.15 0.00	31.88 1.11 0.00	31.75 1.13 0.00	34.82 1.21 0.00	42.05 1.50 0.00	47.75 1.88 0.00	42.47 1.64 0.00	35.50 1.27 0.00	32.74 1.01 0.00	32.65 1.01 0.00	30.63 0.98 0.00	29.08 0.93 0.00	28.23 0.88 0.00	30.49 1.00 0.00	33.25 1.09 0.00	37.73 1.45 0.00	46.26 2.04 0.00	52.53 2.36 0.00	51.53 2.27 0.00	43.98 1.85 0.00	39.13 1.47 0.00	37.70 1.31 0.00
EIGHT_POINT___WT_PWR 323820	33.08 -1.78 0.00	31.10 -2.16 0.00	29.74 -2.17 0.00	28.80 -1.97 0.00	28.72 -1.90 0.00	31.43 -2.18 0.00	38.04 -2.51 0.00	42.84 -3.03 0.00	38.22 -2.61 0.00	32.02 -2.33 -0.12	29.94 -1.90 -0.12	29.74 -1.90 0.00	27.97 -1.69 0.00	26.29 -1.86 0.00	25.78 -1.70 -0.12	27.66 -1.83 0.00	45.48 -2.25 -15.57	43.25 -2.28 -9.26	43.61 -2.57 -1.96	48.01 -2.21 -0.04	47.39 -1.87 0.00	40.57 -1.56 0.00	36.61 -1.05 0.00	35.95 -0.44 0.00
ELBRIDGE_115KV_TB2 80188	34.51 -0.35 0.00	32.89 -0.37 0.00	31.53 -0.38 0.00	30.47 -0.31 0.00	30.35 -0.28 0.00	33.24 -0.37 0.00	40.15 -0.41 0.00	45.32 -0.55 0.00	40.39 -0.45 0.00	33.95 -0.27 0.00	31.54 -0.19 0.00	31.42 -0.22 0.00	29.45 -0.21 0.00	27.90 -0.25 0.00	27.16 -0.19 0.00	29.31 -0.18 0.00	32.00 -0.16 0.00	36.10 -0.18 0.00	43.91 -0.31 0.00	49.82 -0.35 0.00	48.92 -0.34 0.00	41.87 -0.25 0.00	37.52 -0.15 0.00	36.28 -0.11 0.00
ELEC_TRO_TEK 24086	36.53 1.67 0.00	34.82 1.56 0.00	33.51 1.60 0.00	32.40 1.63 0.00	32.30 1.68 0.00	35.46 1.85 0.00	42.78 2.23 0.00	48.71 2.84 0.00	43.33 2.49 0.00	36.25 2.02 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.44 0.00	28.75 1.40 0.00	30.93 1.44 0.00	33.86 1.70 0.00	38.13 1.85 0.00	46.92 2.70 0.00	52.88 2.71 0.00	51.78 2.51 0.00	44.53 2.40 0.00	39.55 1.88 0.00	37.95 1.56 0.00

ELLENBURG_WT_PWR 323604	33.89 -0.98 0.00	32.33 -0.93 0.00	31.08 -0.83 0.00	29.79 -0.99 0.00	29.52 -1.10 0.00	32.61 -1.01 0.00	39.46 -1.09 0.00	44.67 -1.19 0.00	39.77 -1.06 0.00	33.37 -0.85 0.00	30.90 -0.83 0.00	31.01 -0.63 0.00	28.97 -0.68 0.00	27.53 -0.62 0.00	26.64 -0.71 0.00	28.63 -0.86 0.00	30.84 -1.32 0.00	-5.55 -1.52 40.31	-5.30 -1.86 47.67	-5.04 -2.01 53.21	-5.27 -1.87 52.66	-5.42 -1.60 45.94	-5.43 -1.47 41.63	-5.23 -1.38 40.23
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.32 -2.54 0.00	30.66 -2.59 0.00	29.26 -2.65 0.00	28.34 -2.43 0.00	28.17 -2.45 0.00	30.76 -2.86 0.00	37.31 -3.24 0.00	41.88 -3.99 0.00	37.69 -3.14 0.00	31.84 -2.36 0.02	29.70 -2.00 0.02	29.65 -1.99 0.00	27.79 -1.87 0.00	26.01 -2.14 0.00	24.98 -2.35 0.02	27.33 -2.15 0.00	26.69 -2.41 3.06	31.74 -2.72 1.82	40.21 -3.63 0.38	46.65 -3.51 0.01	46.16 -3.10 0.00	39.85 -2.27 0.00	36.16 -1.51 0.00	35.70 -0.69 0.00
EMPIRE_CC_1 323656	35.59 0.73 0.00	34.12 0.86 0.00	32.80 0.89 0.00	31.67 0.89 0.00	31.51 0.89 0.00	34.49 0.87 0.00	41.44 0.89 0.00	46.83 0.96 0.00	41.69 0.86 0.00	34.98 0.75 0.00	32.36 0.63 0.00	32.21 0.57 0.00	30.19 0.53 0.00	28.74 0.59 0.00	27.90 0.55 0.00	30.11 0.62 0.00	32.93 0.77 0.00	37.22 0.94 0.00	45.28 1.06 0.00	51.23 1.06 0.00	50.25 0.98 0.00	42.89 0.76 0.00	38.38 0.71 0.00	36.90 0.51 0.00
EMPIRE_CC_2 323658	35.59 0.73 0.00	34.12 0.86 0.00	32.80 0.89 0.00	31.67 0.89 0.00	31.51 0.89 0.00	34.49 0.87 0.00	41.44 0.89 0.00	46.83 0.96 0.00	41.69 0.86 0.00	34.98 0.75 0.00	32.36 0.63 0.00	32.21 0.57 0.00	30.19 0.53 0.00	28.74 0.59 0.00	27.90 0.55 0.00	30.11 0.62 0.00	32.93 0.77 0.00	37.22 0.94 0.00	45.28 1.06 0.00	51.23 1.06 0.00	50.25 0.98 0.00	42.89 0.76 0.00	38.38 0.71 0.00	36.90 0.51 0.00
ENORWICH_115KV_TB1 80156	36.88 2.02 0.00	34.95 1.70 0.00	33.38 1.47 0.00	32.22 1.45 0.00	32.12 1.50 0.00	35.29 1.68 0.00	42.70 2.15 0.00	48.12 2.25 0.00	42.59 1.76 0.00	35.60 1.37 -0.01	33.03 1.30 -0.01	33.00 1.36 0.00	30.87 1.22 0.00	29.25 1.10 0.00	28.40 1.04 -0.01	30.81 1.33 0.00	34.22 1.19 -0.87	38.42 1.63 -0.51	46.46 2.12 -0.11	52.94 2.76 0.00	52.27 3.01 0.00	44.74 2.61 0.00	40.04 2.37 0.00	38.79 2.40 0.00
ERIE_ST__34_KV_TB1-2 80199	32.91 -1.95 0.00	31.23 -2.03 0.00	29.77 -2.14 0.00	28.83 -1.94 0.00	28.66 -1.96 0.00	31.26 -2.35 0.00	38.00 -2.55 0.00	42.66 -3.21 0.00	38.38 -2.45 0.00	32.15 -2.05 0.02	29.96 -1.74 0.02	30.16 -1.49 0.00	28.23 -1.42 0.00	26.46 -1.69 0.00	24.90 -2.43 0.02	27.78 -1.71 0.00	26.82 -2.77 2.57	31.67 -3.08 1.53	39.88 -4.02 0.32	47.56 -2.61 0.01	47.10 -2.17 0.00	40.61 -1.52 0.00	36.84 -0.83 0.00	36.35 -0.04 0.00
ERIE_WT_PWR 323693	32.60 -2.27 0.00	30.76 -2.49 0.00	29.52 -2.39 0.00	28.62 -2.15 0.00	28.42 -2.21 0.00	31.03 -2.59 0.00	37.59 -2.96 0.00	42.24 -3.62 0.00	38.06 -2.78 0.00	31.98 -2.22 0.02	29.86 -1.84 0.02	29.87 -1.77 0.00	28.00 -1.66 0.00	26.21 -1.94 0.00	25.55 -1.78 0.02	27.54 -1.95 0.00	26.96 -2.45 2.76	31.96 -2.68 1.64	40.30 -3.58 0.35	47.06 -3.11 0.01	46.56 -2.71 0.00	40.27 -1.85 0.00	36.61 -1.05 0.00	36.35 -0.04 0.00
ESPRGFLD_115KV_TB1 80157	35.98 1.12 0.00	34.26 1.00 0.00	32.80 0.89 0.00	31.67 0.89 0.00	31.54 0.92 0.00	34.69 1.08 0.00	41.93 1.38 0.00	47.34 1.47 0.00	41.90 1.06 0.00	34.95 0.72 0.00	32.30 0.57 0.00	32.18 0.54 0.00	30.22 0.56 0.00	28.69 0.53 0.00	27.85 0.49 0.00	30.11 0.62 0.00	32.90 0.74 0.00	37.44 1.16 0.00	45.90 1.68 0.00	52.38 2.21 0.00	51.48 2.22 0.00	43.90 1.77 0.00	39.21 1.54 0.00	37.85 1.46 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.28 0.42 0.00	33.59 0.33 0.00	32.17 0.26 0.00	31.08 0.31 0.00	30.96 0.34 0.00	33.92 0.30 0.00	41.00 0.45 0.00	46.28 0.41 0.00	41.16 0.33 0.00	34.55 0.31 -0.01	32.05 0.32 -0.01	31.96 0.32 0.00	29.92 0.27 0.00	28.32 0.17 0.00	27.56 0.19 -0.01	29.81 0.32 0.00	33.88 0.32 -1.40	37.58 0.47 -0.83	45.06 0.66 -0.18	51.18 1.00 0.00	50.20 0.94 0.00	42.97 0.84 0.00	38.50 0.83 0.00	37.26 0.87 0.00
ETNA____115KV_TB2 80207	35.28 0.42 0.00	33.59 0.33 0.00	32.17 0.26 0.00	31.08 0.31 0.00	30.96 0.34 0.00	33.92 0.30 0.00	41.00 0.45 0.00	46.28 0.41 0.00	41.16 0.33 0.00	34.55 0.31 -0.01	32.05 0.32 -0.01	31.96 0.32 0.00	29.92 0.27 0.00	28.32 0.17 0.00	27.56 0.19 0.00	29.81 0.32 0.00	33.88 0.32 -1.40	37.58 0.47 -0.83	45.06 0.66 -0.18	51.18 1.00 0.00	50.20 0.94 0.00	42.97 0.84 0.00	38.50 0.83 0.00	37.26 0.87 0.00
EUCLID____115KV_TB2 356179	34.34 -0.52 0.00	32.76 -0.50 0.00	31.40 -0.51 0.00	30.31 -0.46 0.00	30.19 -0.43 0.00	33.08 -0.54 0.00	39.90 -0.65 0.00	45.09 -0.78 0.00	40.18 -0.65 0.00	33.78 -0.44 0.00	31.38 -0.35 0.00	31.26 -0.38 0.00	29.30 -0.36 0.00	27.79 -0.37 0.00	27.03 -0.33 0.00	29.13 -0.35 0.00	31.87 -0.29 0.00	35.91 -0.36 0.00	43.65 -0.57 0.00	49.52 -0.65 0.00	48.58 -0.69 0.00	41.58 -0.55 0.00	37.25 -0.41 0.00	36.06 -0.33 0.00
E_CANADA_CAP_HY 24051	36.15 1.29 0.00	34.49 1.23 0.00	33.06 1.15 0.00	31.85 1.08 0.00	31.75 1.13 0.00	34.92 1.31 0.00	42.26 1.70 0.00	47.57 1.70 0.00	41.86 1.02 0.00	34.74 0.51 0.00	32.01 0.28 0.00	31.80 0.16 0.00	29.98 0.33 0.00	28.52 0.37 0.00	27.66 0.30 0.00	29.96 0.47 0.00	32.87 0.71 0.00	37.58 1.30 0.00	46.22 1.99 0.00	52.83 2.66 0.00	51.88 2.61 0.00	44.11 1.98 0.00	39.40 1.73 0.00	37.92 1.53 0.00
E_CANADA_MHWK_HY 24050	35.25 0.38 0.00	33.66 0.40 0.00	32.26 0.35 0.00	31.14 0.37 0.00	30.96 0.34 0.00	33.98 0.37 0.00	41.00 0.45 0.00	46.37 0.51 0.00	41.24 0.41 0.00	34.57 0.34 0.00	32.01 0.28 0.00	31.83 0.19 0.00	29.77 0.12 0.00	28.24 0.08 0.00	27.38 0.03 0.00	29.40 -0.09 0.00	31.94 -0.22 0.00	36.03 -0.25 0.00	43.87 -0.36 0.00	49.72 -0.45 0.00	48.87 -0.40 0.00	41.83 -0.29 0.00	37.44 -0.22 0.00	36.21 -0.18 0.00
E_FISHKILL____LBMP 23776	36.12 1.26 0.00	34.56 1.30 0.00	33.15 1.24 0.00	32.03 1.26 0.00	31.91 1.29 0.00	34.93 1.31 0.00	42.09 1.54 0.00	47.84 1.97 0.00	42.59 1.76 0.00	35.67 1.44 0.00	32.99 1.27 0.00	32.88 1.23 0.00	30.81 1.16 0.00	29.31 1.15 0.00	28.50 1.15 0.00	30.67 1.18 0.00	33.48 1.32 0.00	37.80 1.52 0.00	46.30 2.08 0.00	52.43 2.26 0.00	51.34 2.07 0.00	43.90 1.77 0.00	39.06 1.39 0.00	37.55 1.16 0.00
FALCON____SEABRD_CC1 323796	33.64 -1.22 0.00	32.13 -1.13 0.00	30.95 -0.96 0.00	29.67 -1.11 0.00	29.40 -1.23 0.00	32.44 -1.18 0.00	39.34 -1.22 0.00	44.58 -1.28 0.00	39.73 -1.10 0.00	33.37 -0.85 0.00	30.90 -0.83 0.00	31.33 -0.32 0.00	29.21 -0.44 0.00	27.73 -0.42 0.00	26.83 -0.52 0.00	28.78 -0.71 0.00	30.62 -1.54 0.00	-6.46 -1.81 40.93	-6.39 -2.21 48.40	-6.26 -2.41 54.02	-6.32 -2.12 53.47	-6.42 -1.89 46.65	-6.37 -1.77 42.26	-6.28 -1.82 40.85

FALCON___SEABRD_CC2 323797	33.64 -1.22 0.00	32.13 -1.13 0.00	30.95 -0.96 0.00	29.67 -1.11 0.00	29.40 -1.23 0.00	32.44 -1.18 0.00	39.34 -1.22 0.00	44.58 -1.28 0.00	39.73 -1.10 0.00	33.37 -0.85 0.00	30.90 -0.83 0.00	31.33 -0.32 0.00	29.21 -0.44 0.00	27.73 -0.42 0.00	26.83 -0.52 0.00	28.78 -0.71 0.00	30.62 -1.54 0.00	-6.46 -1.81 40.93	-6.39 -2.21 48.40	-6.26 -2.41 54.02	-6.32 -2.12 53.47	-6.42 -1.89 46.65	-6.37 -1.77 42.26	-6.28 -1.82 40.85
FAR ROCKAWAY___4 23548	36.95 2.09 0.00	35.22 1.96 0.00	33.86 1.95 0.00	32.77 2.00 0.00	32.64 2.02 0.00	35.83 2.22 0.00	43.27 2.72 0.00	49.22 3.35 0.00	43.77 2.94 0.00	36.59 2.36 0.00	33.85 2.13 0.00	33.70 2.06 0.00	31.49 1.84 0.00	29.90 1.75 0.00	29.05 1.70 0.00	31.26 1.77 0.00	34.22 2.06 0.00	38.56 2.29 0.00	47.45 3.23 0.00	53.49 3.31 0.00	52.42 3.15 0.00	45.12 2.99 0.00	40.08 2.41 0.00	38.43 2.04 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.50 1.64 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.34 1.57 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.48 2.61 0.00	43.08 2.25 0.00	36.11 1.88 0.00	33.44 1.71 0.00	33.35 1.71 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.91 1.56 0.00	31.08 1.59 0.00	33.90 1.74 0.00	38.27 2.00 0.00	46.97 2.74 0.00	53.13 2.96 0.00	51.98 2.71 0.00	44.40 2.27 0.00	39.44 1.77 0.00	37.95 1.56 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.50 1.64 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.34 1.57 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.48 2.61 0.00	43.08 2.25 0.00	36.11 1.88 0.00	33.44 1.71 0.00	33.35 1.71 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.91 1.56 0.00	31.08 1.59 0.00	33.90 1.74 0.00	38.27 2.00 0.00	46.97 2.74 0.00	53.13 2.96 0.00	51.98 2.71 0.00	44.40 2.27 0.00	39.44 1.77 0.00	37.95 1.56 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.34 1.57 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.44 2.57 0.00	43.04 2.21 0.00	36.11 1.88 0.00	33.44 1.71 0.00	33.32 1.68 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.89 1.53 0.00	31.08 1.59 0.00	33.86 1.70 0.00	38.24 1.96 0.00	46.92 2.70 0.00	53.08 2.91 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.44 1.77 0.00	37.95 1.56 0.00
FARRAGUT___LBMP 323566	36.46 1.60 0.00	34.82 1.56 0.00	33.41 1.50 0.00	32.31 1.54 0.00	32.18 1.56 0.00	35.23 1.61 0.00	42.46 1.91 0.00	48.39 2.52 0.00	43.04 2.21 0.00	36.08 1.85 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.23 1.57 0.00	29.70 1.55 0.00	28.89 1.53 0.00	31.05 1.56 0.00	33.86 1.70 0.00	38.24 1.96 0.00	46.92 2.70 0.00	53.08 2.91 0.00	51.88 2.61 0.00	44.32 2.19 0.00	39.40 1.73 0.00	37.92 1.53 0.00
FENNER___WINDPWR 24204	35.35 0.49 0.00	33.66 0.40 0.00	32.29 0.38 0.00	31.17 0.40 0.00	31.05 0.43 0.00	34.08 0.47 0.00	41.12 0.57 0.00	46.46 0.59 0.00	41.33 0.49 0.00	34.64 0.41 0.00	32.14 0.41 0.00	32.05 0.41 0.00	30.01 0.36 0.00	28.46 0.31 0.00	27.68 0.33 0.00	29.90 0.41 0.00	32.58 0.42 0.00	36.82 0.54 0.00	44.93 0.71 0.00	51.08 0.90 0.00	50.25 0.98 0.00	42.97 0.84 0.00	38.42 0.75 0.00	37.16 0.77 0.00
FIBERTEK___ENERGY 23856	34.76 -0.10 0.00	33.12 -0.13 0.00	31.72 -0.19 0.00	30.65 -0.12 0.00	30.53 -0.09 0.00	33.45 -0.17 0.00	40.39 -0.16 0.00	45.59 -0.28 0.00	40.63 -0.20 0.00	34.16 -0.07 0.00	31.73 0.00 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.10 -0.06 0.00	27.35 0.00 0.00	29.52 0.03 0.00	32.22 0.06 0.00	36.31 0.04 0.00	44.18 -0.04 0.00	50.17 0.00 0.00	49.22 -0.05 0.00	42.13 0.00 0.00	37.74 0.08 0.00	36.50 0.11 0.00
FITZPATRICK____ 23598	33.95 -0.91 0.00	32.36 -0.90 0.00	31.05 -0.86 0.00	30.00 -0.77 0.00	29.86 -0.76 0.00	32.74 -0.87 0.00	39.46 -1.09 0.00	44.63 -1.24 0.00	39.73 -1.10 0.00	33.37 -0.85 0.00	31.00 -0.73 0.00	30.88 -0.76 0.00	28.94 -0.71 0.00	27.45 -0.70 0.00	26.70 -0.66 0.00	28.78 -0.71 0.00	31.45 -0.71 0.00	35.37 -0.91 0.00	43.03 -1.19 0.00	48.77 -1.40 0.00	47.89 -1.38 0.00	40.99 -1.14 0.00	36.73 -0.94 0.00	35.55 -0.84 0.00
FLOWRFLD_69_KV_BK1 356044	36.64 1.78 0.00	34.82 1.56 0.00	33.70 1.79 0.00	32.71 1.94 0.00	32.61 1.99 0.00	35.90 2.29 0.00	43.43 2.88 0.00	49.45 3.58 0.00	44.02 3.19 0.00	36.73 2.50 0.00	33.95 2.22 0.00	33.60 1.96 0.00	31.23 1.57 0.00	29.59 1.44 0.00	28.69 1.34 0.00	30.90 1.42 0.00	33.93 1.77 0.00	38.16 1.89 0.00	47.14 2.92 0.00	52.93 2.76 0.00	51.88 2.61 0.00	44.78 2.65 0.00	39.74 2.07 0.00	38.03 1.64 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.28 1.51 0.00	32.15 1.53 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.30 2.43 0.00	43.00 2.16 0.00	35.94 1.71 0.00	33.19 1.46 0.00	33.07 1.42 0.00	31.02 1.36 0.00	29.45 1.30 0.00	28.64 1.29 0.00	30.87 1.39 0.00	33.67 1.51 0.00	38.13 1.85 0.00	46.79 2.56 0.00	53.03 2.86 0.00	51.98 2.71 0.00	44.36 2.23 0.00	39.48 1.81 0.00	38.03 1.64 0.00
FORT ORANGE____ 23900	35.63 0.77 0.00	34.12 0.86 0.00	32.87 0.96 0.00	31.70 0.92 0.00	31.57 0.95 0.00	34.49 0.87 0.00	41.53 0.97 0.00	46.92 1.06 0.00	41.69 0.86 0.00	34.95 0.72 0.00	32.33 0.60 0.00	32.21 0.57 0.00	30.19 0.53 0.00	28.72 0.56 0.00	27.87 0.52 0.00	30.11 0.62 0.00	32.90 0.74 0.00	37.22 0.94 0.00	45.42 1.19 0.00	51.53 1.36 0.00	50.55 1.28 0.00	43.10 0.97 0.00	38.50 0.83 0.00	37.05 0.66 0.00
FORT_DRUM_COGEN 23780	35.17 0.31 0.00	33.42 0.17 0.00	32.01 0.10 0.00	30.87 0.09 0.00	30.74 0.12 0.00	33.88 0.27 0.00	40.96 0.41 0.00	46.19 0.32 0.00	40.88 0.04 0.00	34.09 -0.14 0.00	31.57 -0.16 0.00	31.45 -0.19 0.00	29.48 -0.18 0.00	27.98 -0.17 0.00	27.19 -0.16 0.00	29.40 -0.09 0.00	32.13 -0.03 0.00	38.27 0.29 -1.70	46.77 0.53 -2.01	53.37 0.95 -2.25	52.77 1.28 -2.22	45.12 1.05 -1.94	40.29 0.87 -1.76	38.89 0.80 -1.70
FOX_HILLS___ESR 323835	53.81 1.85 -17.10	53.84 1.96 -18.62	53.07 1.72 -19.44	53.07 1.72 -20.57	53.22 1.81 -20.80	53.80 1.85 -18.34	53.93 2.23 -11.15	54.78 2.75 -6.16	57.51 2.37 -14.31	54.64 2.12 -18.29	56.85 1.81 -23.31	57.37 1.77 -23.96	57.59 1.66 -26.27	59.85 1.66 -30.03	59.94 1.64 -30.95	59.01 1.68 -27.84	58.68 1.83 -24.68	60.32 2.14 -21.91	60.19 2.92 -13.04	62.19 3.16 -8.85	59.62 2.96 -7.40	59.63 2.44 -15.06	54.73 2.03 -15.02	54.02 1.93 -15.71
FPL FAR_ROCK_GT1 24212	36.95 2.09 0.00	35.35 2.10 0.00	33.86 1.95 0.00	32.71 1.94 0.00	32.55 1.93 0.00	35.77 2.15 0.00	43.23 2.68 0.00	49.26 3.39 0.00	43.69 2.86 0.00	36.62 2.40 0.00	33.85 2.13 0.00	33.70 2.06 0.00	31.46 1.81 0.00	29.87 1.72 0.00	28.97 1.61 0.00	31.26 1.77 0.00	34.22 2.06 0.00	38.60 2.32 0.00	47.45 3.23 0.00	53.49 3.31 0.00	52.42 3.16 0.00	45.07 2.95 0.00	40.00 2.34 0.00	38.35 1.96 0.00

FPL FAR_ROCK_GT2 23815	36.95 2.09 0.00	35.35 2.10 0.00	33.86 1.95 0.00	32.71 1.94 0.00	32.55 1.93 0.00	35.77 2.15 0.00	43.23 2.68 0.00	49.26 3.39 0.00	43.69 2.86 0.00	36.62 2.40 0.00	33.85 2.13 0.00	33.70 2.06 0.00	31.46 1.81 0.00	29.87 1.72 0.00	28.97 1.61 0.00	31.26 1.77 0.00	34.22 2.06 0.00	38.60 2.32 0.00	47.45 3.23 0.00	53.49 3.31 0.00	52.42 3.16 0.00	45.07 2.95 0.00	40.00 2.34 0.00	38.35 1.96 0.00
FRANKLIN_FALL_HYD 24054	34.30 -0.56 0.00	32.66 -0.60 0.00	31.40 -0.51 0.00	30.10 -0.68 0.00	29.82 -0.80 0.00	32.98 -0.64 0.00	39.95 -0.61 0.00	45.27 -0.60 0.00	40.30 -0.53 0.00	33.75 -0.48 0.00	31.22 -0.51 0.00	31.29 -0.35 0.00	29.30 -0.36 0.00	27.87 -0.28 0.00	26.94 -0.41 0.00	29.02 -0.47 0.00	31.32 -0.84 0.00	62.14 -0.98 -26.84	74.77 -1.19 -31.74	84.50 -1.10 -35.43	83.40 -0.94 -35.07	71.88 -0.84 -30.59	64.59 -0.79 -27.72	62.49 -0.69 -26.79
FREEPORT_EQUS_GT1 23764	36.67 1.81 0.00	35.09 1.83 0.00	33.63 1.72 0.00	32.50 1.72 0.00	32.33 1.71 0.00	35.53 1.92 0.00	42.99 2.43 0.00	48.99 3.12 0.00	43.49 2.65 0.00	36.45 2.22 0.00	33.69 1.97 0.00	33.51 1.87 0.00	31.29 1.63 0.00	29.70 1.55 0.00	28.78 1.42 0.00	31.05 1.56 0.00	33.99 1.83 0.00	38.34 2.07 0.00	47.19 2.96 0.00	53.08 2.91 0.00	52.02 2.76 0.00	44.78 2.66 0.00	39.66 2.00 0.00	38.06 1.67 0.00
FREEPORT___CT2 23818	36.67 1.81 0.00	35.09 1.83 0.00	33.63 1.72 0.00	32.50 1.72 0.00	32.33 1.71 0.00	35.53 1.92 0.00	42.99 2.43 0.00	48.99 3.12 0.00	43.49 2.65 0.00	36.45 2.22 0.00	33.69 1.97 0.00	33.51 1.87 0.00	31.29 1.63 0.00	29.70 1.55 0.00	28.78 1.42 0.00	31.05 1.56 0.00	33.99 1.83 0.00	38.34 2.07 0.00	47.19 2.96 0.00	53.08 2.91 0.00	52.02 2.76 0.00	44.78 2.66 0.00	39.66 2.00 0.00	38.06 1.67 0.00
FRESHKLS_33_KV_LOAD 356253	53.74 1.78 -17.10	53.84 1.96 -18.62	53.01 1.66 -19.44	53.01 1.66 -20.57	53.19 1.78 -20.80	53.77 1.82 -18.34	53.85 2.15 -11.15	54.64 2.61 -6.16	55.77 2.21 -12.73	54.57 2.05 -18.29	54.56 1.68 -21.16	54.60 1.65 -21.31	54.56 1.54 -23.36	55.81 1.55 -26.10	55.83 1.53 -26.94	55.81 1.56 -24.76	55.82 1.70 -21.95	57.76 2.00 -19.48	58.60 2.79 -11.59	61.07 3.01 -7.88	58.62 2.76 -6.59	57.89 2.36 -13.40	54.69 2.00 -15.02	54.02 1.93 -15.71
FULTON COGEN____ 23766	34.30 -0.56 0.00	32.69 -0.57 0.00	31.34 -0.57 0.00	30.28 -0.49 0.00	30.13 -0.49 0.00	33.01 -0.61 0.00	39.86 -0.69 0.00	45.00 -0.87 0.00	40.10 -0.74 0.00	33.71 -0.51 0.00	31.31 -0.41 0.00	31.20 -0.44 0.00	29.24 -0.42 0.00	27.70 -0.45 0.00	26.97 -0.38 0.00	29.10 -0.38 0.00	31.77 -0.39 0.00	35.81 -0.47 0.00	43.56 -0.66 0.00	49.42 -0.75 0.00	48.53 -0.74 0.00	41.49 -0.63 0.00	37.18 -0.49 0.00	35.95 -0.44 0.00
FULTON___LFGE 323630	36.50 1.64 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.19 1.42 0.00	32.06 1.44 0.00	35.26 1.65 0.00	42.66 2.11 0.00	48.07 2.20 0.00	42.35 1.51 0.00	35.15 0.92 0.00	32.39 0.67 0.00	32.21 0.57 0.00	30.34 0.68 0.00	28.83 0.67 0.00	28.01 0.66 0.00	30.28 0.80 0.00	33.25 1.09 0.00	37.95 1.67 0.00	46.61 2.39 0.00	53.29 3.11 0.00	52.32 3.06 0.00	44.48 2.36 0.00	39.74 2.07 0.00	38.24 1.85 0.00
G.F.CEMENT___DRP 24184	36.60 1.74 0.00	34.99 1.73 0.00	33.57 1.66 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.43 1.82 0.00	43.03 2.47 0.00	48.85 2.98 0.00	43.08 2.25 0.00	35.63 1.40 0.00	32.77 1.05 0.00	32.69 1.04 0.00	30.78 1.13 0.00	29.33 1.18 0.00	28.61 1.26 0.00	30.90 1.42 0.00	33.90 1.74 0.00	38.49 2.21 0.00	47.32 3.10 0.00	54.14 3.96 0.00	53.11 3.84 0.00	45.03 2.91 0.00	40.19 2.52 0.00	38.65 2.26 0.00
GARDENVILLE___LBMP 24039	32.42 -2.44 0.00	30.76 -2.49 0.00	29.36 -2.55 0.00	28.43 -2.34 0.00	28.26 -2.36 0.00	30.86 -2.76 0.00	37.43 -3.12 0.00	42.01 -3.85 0.00	37.81 -3.02 0.00	31.91 -2.29 0.02	29.74 -1.97 0.02	29.74 -1.90 0.00	27.88 -1.78 0.00	26.10 -2.06 0.00	24.98 -2.35 0.02	27.42 -2.06 0.00	26.79 -2.48 2.90	31.76 -2.79 1.72	40.14 -3.71 0.36	46.80 -3.36 0.01	46.36 -2.91 0.00	40.02 -2.11 0.00	36.31 -1.36 0.00	35.84 -0.55 0.00
GARDNVLA_35_KV_LD 355827	32.63 -2.23 0.00	30.96 -2.29 0.00	29.55 -2.36 0.00	28.62 -2.15 0.00	28.42 -2.20 0.00	31.03 -2.59 0.00	37.67 -2.88 0.00	42.29 -3.58 0.00	38.06 -2.78 0.00	32.12 -2.09 0.02	29.93 -1.78 0.02	29.93 -1.71 0.00	28.05 -1.60 0.00	26.27 -1.89 0.00	25.09 -2.24 0.02	27.60 -1.89 0.00	27.13 -2.35 2.68	32.04 -2.65 1.59	40.35 -3.54 0.34	47.11 -3.06 0.01	46.66 -2.61 0.00	40.31 -1.81 0.00	36.58 -1.09 0.00	36.10 -0.29 0.00
GELCKHM___115KV_LOAD 80723	34.48 -0.38 0.00	32.86 -0.40 0.00	31.50 -0.41 0.00	30.43 -0.34 0.00	30.31 -0.31 0.00	33.21 -0.40 0.00	40.07 -0.49 0.00	45.27 -0.60 0.00	40.34 -0.49 0.00	33.92 -0.31 0.00	31.50 -0.22 0.00	31.39 -0.25 0.00	29.42 -0.24 0.00	27.90 -0.25 0.00	27.14 -0.22 0.00	29.28 -0.21 0.00	32.00 -0.16 0.00	36.06 -0.22 0.00	43.83 -0.40 0.00	49.72 -0.45 0.00	48.82 -0.44 0.00	41.79 -0.34 0.00	37.40 -0.26 0.00	36.21 -0.18 0.00
GENERAL___MILLS 23808	32.53 -2.34 0.00	30.86 -2.39 0.00	29.45 -2.46 0.00	28.53 -2.25 0.00	28.35 -2.27 0.00	30.93 -2.69 0.00	37.55 -3.00 0.00	42.15 -3.72 0.00	37.93 -2.90 0.00	31.98 -2.22 0.02	29.83 -1.87 0.02	29.84 -1.80 0.00	27.97 -1.69 0.00	26.18 -1.97 0.00	25.01 -2.33 0.02	27.51 -1.98 0.00	26.96 -2.44 2.76	31.88 -2.76 1.64	40.21 -3.67 0.35	46.96 -3.21 0.01	46.51 -2.76 0.00	40.19 -1.94 0.00	36.46 -1.21 0.00	35.99 -0.40 0.00
GE_PLASTICS___DRP 24183	35.52 0.66 0.00	33.99 0.73 0.00	32.71 0.80 0.00	31.57 0.80 0.00	31.42 0.80 0.00	34.39 0.77 0.00	41.36 0.81 0.00	46.83 0.96 0.00	41.65 0.82 0.00	34.88 0.65 0.00	32.30 0.57 0.00	32.18 0.54 0.00	30.16 0.50 0.00	28.69 0.53 0.00	27.90 0.55 0.00	30.05 0.56 0.00	32.83 0.68 0.00	37.08 0.80 0.00	45.24 1.02 0.00	51.28 1.10 0.00	50.30 1.03 0.00	42.97 0.84 0.00	38.35 0.68 0.00	36.97 0.58 0.00
GILBOA___1 23756	35.52 0.66 0.00	33.99 0.73 0.00	32.61 0.70 0.00	31.48 0.71 0.00	31.33 0.70 0.00	34.32 0.71 0.00	41.41 0.85 0.00	46.88 1.01 0.00	41.73 0.90 0.00	34.95 0.72 0.00	32.36 0.63 0.00	32.24 0.60 0.00	30.25 0.59 0.00	28.72 0.56 0.00	27.90 0.55 0.00	30.11 0.62 0.00	32.84 0.68 0.00	37.11 0.84 0.00	45.33 1.11 0.00	51.38 1.20 0.00	50.40 1.13 0.00	43.05 0.93 0.00	38.42 0.75 0.00	37.05 0.66 0.00
GILBOA___2 23757	35.52 0.66 0.00	33.99 0.73 0.00	32.61 0.70 0.00	31.48 0.71 0.00	31.33 0.70 0.00	34.32 0.71 0.00	41.41 0.85 0.00	46.88 1.01 0.00	41.73 0.90 0.00	34.95 0.72 0.00	32.36 0.63 0.00	32.24 0.60 0.00	30.25 0.59 0.00	28.72 0.56 0.00	27.90 0.55 0.00	30.11 0.62 0.00	32.84 0.68 0.00	37.11 0.84 0.00	45.33 1.11 0.00	51.38 1.20 0.00	50.40 1.13 0.00	43.05 0.93 0.00	38.42 0.75 0.00	37.05 0.66 0.00

GILBOA___3 23758	35.52 0.66 0.00	33.99 0.73 0.00	32.61 0.70 0.00	31.48 0.71 0.00	31.33 0.70 0.00	34.32 0.71 0.00	41.41 0.85 0.00	46.88 1.01 0.00	41.73 0.90 0.00	34.95 0.72 0.00	32.36 0.63 0.00	32.24 0.60 0.00	30.25 0.59 0.00	28.72 0.56 0.00	27.90 0.55 0.00	30.11 0.62 0.00	32.84 0.68 0.00	37.11 0.84 0.00	45.33 1.11 0.00	51.38 1.20 0.00	50.40 1.13 0.00	43.05 0.93 0.00	38.42 0.75 0.00	37.05 0.66 0.00
GILBOA___4 23759	35.52 0.66 0.00	33.99 0.73 0.00	32.61 0.70 0.00	31.48 0.71 0.00	31.33 0.70 0.00	34.32 0.71 0.00	41.41 0.85 0.00	46.88 1.01 0.00	41.73 0.90 0.00	34.95 0.72 0.00	32.36 0.63 0.00	32.24 0.60 0.00	30.25 0.59 0.00	28.72 0.56 0.00	27.90 0.55 0.00	30.11 0.62 0.00	32.84 0.68 0.00	37.11 0.84 0.00	45.33 1.11 0.00	51.38 1.20 0.00	50.40 1.13 0.00	43.05 0.93 0.00	38.42 0.75 0.00	37.05 0.66 0.00
GILBOA___ 23599	35.56 0.70 0.00	33.96 0.70 0.00	32.61 0.70 0.00	31.48 0.71 0.00	31.36 0.73 0.00	34.35 0.74 0.00	41.41 0.85 0.00	46.88 1.01 0.00	41.73 0.90 0.00	34.95 0.72 0.00	32.36 0.63 0.00	32.28 0.63 0.00	30.25 0.59 0.00	28.72 0.56 0.00	27.93 0.57 0.00	30.11 0.62 0.00	32.83 0.68 0.00	37.08 0.80 0.00	45.33 1.11 0.00	51.38 1.20 0.00	50.40 1.13 0.00	43.09 0.97 0.00	38.46 0.79 0.00	37.08 0.69 0.00
GINNA___ 23603	32.18 -2.68 0.00	30.50 -2.76 0.00	29.26 -2.65 0.00	28.31 -2.46 0.00	28.17 -2.45 0.00	30.89 -2.72 0.00	37.23 -3.32 0.00	42.11 -3.76 0.00	37.65 -3.19 0.00	31.80 -2.43 0.00	29.66 -2.06 0.00	29.49 -2.15 0.00	27.64 -2.02 0.00	26.10 -2.05 0.00	25.41 -1.94 0.00	27.39 -2.09 0.00	30.29 -1.87 0.00	34.25 -2.03 0.00	41.39 -2.83 0.00	46.66 -3.51 0.00	45.91 -3.35 0.00	39.51 -2.61 0.00	35.60 -2.07 0.00	34.61 -1.78 0.00
GLEN PARK___ 23778	35.38 0.52 0.00	33.62 0.37 0.00	32.20 0.29 0.00	31.05 0.28 0.00	30.96 0.34 0.00	34.12 0.50 0.00	41.24 0.69 0.00	46.46 0.59 0.00	41.08 0.25 0.00	34.26 0.03 0.00	31.69 -0.03 0.00	31.58 -0.06 0.00	29.60 -0.06 0.00	28.10 -0.06 0.00	27.30 -0.05 0.00	29.55 0.06 0.00	32.26 0.10 0.00	38.36 0.47 0.00	46.93 0.80 -1.61	53.61 1.30 -1.91	53.05 1.68 -2.13	45.35 1.39 -2.11	40.50 1.17 -1.84	39.09 1.09 -1.67
GLENDALE_27_KV_LOAD 356172	37.38 1.88 -0.63	35.81 1.86 -0.69	34.38 1.76 -0.72	33.32 1.78 -0.76	33.22 1.84 -0.77	36.17 1.88 -0.68	43.24 2.27 -0.41	49.04 2.94 -0.23	45.42 2.53 -2.05	37.06 2.16 -0.68	36.63 1.97 -2.94	37.04 1.96 -3.44	35.26 1.84 -3.77	34.85 1.80 -4.89	34.10 1.75 -5.00	35.31 1.83 -4.00	37.66 1.96 -3.54	41.70 2.29 -3.14	49.20 3.10 -1.88	54.80 3.36 -1.26	53.43 3.10 -1.06	46.90 2.61 -2.16	40.30 2.07 -0.56	38.83 1.86 -0.58
GLENWOOD_IC_1_G5 23712	36.67 1.81 0.00	34.95 1.70 0.00	33.63 1.72 0.00	32.56 1.78 0.00	32.43 1.81 0.00	35.60 1.98 0.00	42.99 2.43 0.00	48.89 3.03 0.00	43.53 2.70 0.00	36.38 2.16 0.00	33.69 1.97 0.00	33.51 1.87 0.00	31.32 1.66 0.00	29.73 1.58 0.00	28.89 1.53 0.00	31.08 1.59 0.00	33.99 1.83 0.00	38.31 2.03 0.00	47.14 2.92 0.00	53.13 2.96 0.00	52.03 2.76 0.00	44.78 2.65 0.00	39.74 2.07 0.00	38.14 1.75 0.00
GLENWOOD_IC_2_G1 23688	36.60 1.74 0.00	35.05 1.79 0.00	33.57 1.66 0.00	32.43 1.66 0.00	32.27 1.65 0.00	35.46 1.85 0.00	42.90 2.35 0.00	48.85 2.98 0.00	43.37 2.53 0.00	36.35 2.12 0.00	33.60 1.87 0.00	33.44 1.80 0.00	31.23 1.57 0.00	29.67 1.52 0.00	28.75 1.39 0.00	31.02 1.53 0.00	33.93 1.77 0.00	38.27 1.99 0.00	47.06 2.83 0.00	52.98 2.81 0.00	51.93 2.66 0.00	44.65 2.53 0.00	39.59 1.92 0.00	37.99 1.60 0.00
GLENWOOD_IC_3_G1 23689	36.60 1.74 0.00	35.05 1.79 0.00	33.57 1.66 0.00	32.43 1.66 0.00	32.27 1.65 0.00	35.46 1.85 0.00	42.90 2.35 0.00	48.85 2.98 0.00	43.37 2.53 0.00	36.35 2.12 0.00	33.60 1.87 0.00	33.44 1.80 0.00	31.23 1.57 0.00	29.67 1.52 0.00	28.75 1.39 0.00	31.02 1.53 0.00	33.93 1.77 0.00	38.27 1.99 0.00	47.06 2.83 0.00	52.98 2.81 0.00	51.93 2.66 0.00	44.65 2.53 0.00	39.59 1.92 0.00	37.99 1.60 0.00
GLENWOOD___4 23550	36.67 1.81 0.00	34.95 1.70 0.00	33.63 1.72 0.00	32.56 1.78 0.00	32.43 1.81 0.00	35.60 1.98 0.00	42.99 2.43 0.00	48.89 3.03 0.00	43.53 2.70 0.00	36.38 2.16 0.00	33.69 1.97 0.00	33.51 1.87 0.00	31.32 1.66 0.00	29.73 1.58 0.00	28.89 1.53 0.00	31.08 1.59 0.00	33.99 1.83 0.00	38.31 2.03 0.00	47.14 2.92 0.00	53.13 2.96 0.00	52.03 2.76 0.00	44.78 2.65 0.00	39.74 2.07 0.00	38.14 1.75 0.00
GLENWOOD___5 23614	36.67 1.81 0.00	34.95 1.70 0.00	33.63 1.72 0.00	32.56 1.78 0.00	32.43 1.81 0.00	35.60 1.98 0.00	42.99 2.43 0.00	48.89 3.03 0.00	43.53 2.70 0.00	36.38 2.16 0.00	33.69 1.97 0.00	33.51 1.87 0.00	31.32 1.66 0.00	29.73 1.58 0.00	28.89 1.53 0.00	31.08 1.59 0.00	33.99 1.83 0.00	38.31 2.03 0.00	47.14 2.92 0.00	53.13 2.96 0.00	52.03 2.76 0.00	44.78 2.65 0.00	39.74 2.07 0.00	38.14 1.75 0.00
GLOBAL GREEN_PORT_GT1 23814	36.19 1.32 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.46 1.69 0.00	32.37 1.74 0.00	35.80 2.18 0.00	43.72 3.17 0.00	49.76 3.90 0.00	44.06 3.23 0.00	36.83 2.60 0.00	33.63 1.90 0.00	33.22 1.58 0.00	30.75 1.10 0.00	29.00 0.84 0.00	27.95 0.60 0.00	30.22 0.74 0.00	33.16 1.00 0.00	37.37 1.09 0.00	46.30 2.08 0.00	52.03 1.86 0.00	51.04 1.77 0.00	43.98 1.85 0.00	38.84 1.17 0.00	37.52 1.13 0.00
GLOBE___DSASP 323697	31.31 -3.56 0.00	29.73 -3.53 0.00	28.37 -3.54 0.00	27.48 -3.29 0.00	27.31 -3.31 0.00	29.85 -3.76 0.00	36.13 -4.42 0.00	40.50 -5.37 0.00	36.46 -4.37 0.00	30.95 -3.25 0.03	28.87 -2.82 0.03	28.73 -2.91 0.00	26.93 -2.73 0.00	25.22 -2.93 0.00	24.48 -2.84 0.03	26.54 -2.95 0.00	25.69 -2.93 3.54	30.83 -3.34 2.11	39.40 -4.38 0.45	45.10 -5.07 0.01	44.59 -4.68 0.00	38.55 -3.58 0.00	34.99 -2.67 0.00	34.50 -1.89 0.00
GOETHSLN___LBMP 323567	36.29 1.43 0.00	34.65 1.40 0.00	33.25 1.34 0.00	32.16 1.38 0.00	32.03 1.41 0.00	35.03 1.41 0.00	42.26 1.70 0.00	48.21 2.34 0.00	42.84 2.00 0.00	35.91 1.68 0.00	33.28 1.55 0.00	33.19 1.55 0.00	31.14 1.48 0.00	29.62 1.46 0.00	28.78 1.42 0.00	30.93 1.44 0.00	33.70 1.54 0.00	38.06 1.78 0.00	46.70 2.48 0.00	52.83 2.66 0.00	51.63 2.36 0.00	44.11 1.98 0.00	39.21 1.54 0.00	37.70 1.31 0.00
GOLAH___69_KV_TB 1_2 80279	33.08 -1.78 0.00	31.43 -1.83 0.00	30.12 -1.79 0.00	29.17 -1.60 0.00	29.03 -1.59 0.00	31.80 -1.82 0.00	38.36 -2.19 0.00	43.16 -2.71 0.00	38.63 -2.21 0.00	32.68 -1.54 0.01	30.45 -1.27 0.01	30.22 -1.42 0.00	28.32 -1.33 0.00	26.69 -1.46 0.00	26.04 -1.31 0.01	28.04 -1.44 0.00	30.26 -1.16 0.75	34.49 -1.34 0.44	42.32 -1.81 0.09	47.91 -2.26 0.00	47.25 -2.02 0.00	40.69 -1.43 0.00	36.69 -0.98 0.00	35.84 -0.55 0.00

GOODYEAR_LAKE_HYD 323669	35.84 0.98 0.00	34.16 0.90 0.00	32.71 0.80 0.00	31.60 0.83 0.00	31.45 0.83 0.00	34.56 0.94 0.00	41.77 1.22 0.00	47.24 1.38 0.00	41.98 1.14 0.00	35.12 0.89 0.00	32.52 0.79 0.00	32.47 0.82 0.00	30.43 0.77 0.00	28.88 0.73 0.00	28.04 0.68 0.00	30.28 0.80 0.00	32.96 0.80 0.00	37.37 1.09 0.00	45.68 1.46 0.00	51.98 1.81 0.00	51.14 1.87 0.00	43.68 1.56 0.00	38.99 1.32 0.00	37.66 1.27 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.65 -0.21 0.00	32.99 -0.27 0.00	31.59 -0.32 0.00	30.53 -0.25 0.00	30.38 -0.24 0.00	33.28 -0.34 0.00	40.23 -0.32 0.00	45.41 -0.46 0.00	40.47 -0.37 0.00	33.95 -0.27 0.00	31.54 -0.19 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	27.90 -0.25 0.00	27.00 -0.36 0.00	29.31 -0.18 0.00	31.81 -0.35 0.00	35.91 -0.36 0.00	43.78 -0.44 0.00	50.12 -0.05 0.00	49.22 -0.05 0.00	42.17 0.04 0.00	37.82 0.15 0.00	36.72 0.33 0.00
GOUDEY___7 23579	34.65 -0.21 0.00	32.99 -0.27 0.00	31.59 -0.32 0.00	30.53 -0.25 0.00	30.38 -0.24 0.00	33.28 -0.34 0.00	40.23 -0.32 0.00	45.41 -0.46 0.00	40.47 -0.37 0.00	33.95 -0.27 0.00	31.54 -0.19 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	27.90 -0.25 0.00	27.00 -0.36 0.00	29.31 -0.18 0.00	31.81 -0.35 0.00	35.91 -0.36 0.00	43.78 -0.44 0.00	50.12 -0.05 0.00	49.22 -0.05 0.00	42.17 0.04 0.00	37.82 0.15 0.00	36.72 0.33 0.00
GOUDEY___8 23580	34.65 -0.21 0.00	32.99 -0.27 0.00	31.59 -0.32 0.00	30.53 -0.25 0.00	30.38 -0.24 0.00	33.28 -0.34 0.00	40.23 -0.32 0.00	45.41 -0.46 0.00	40.47 -0.37 0.00	33.95 -0.27 0.00	31.54 -0.19 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	27.90 -0.25 0.00	27.00 -0.36 0.00	29.31 -0.18 0.00	31.81 -0.35 0.00	35.91 -0.36 0.00	43.78 -0.44 0.00	50.12 -0.05 0.00	49.22 -0.05 0.00	42.17 0.04 0.00	37.82 0.15 0.00	36.72 0.33 0.00
GOWANUS_GT1_1 24077	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT1_2 24078	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT1_3 24079	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT1_4 24080	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT1_5 24084	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT1_6 24111	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT1_7 24112	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT1_8 24113	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT2_1 24114	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
GOWANUS_GT2_2 24115	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
GOWANUS_GT2_3 24116	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71

GOWANUS_GT2_4 24117	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
GOWANUS_GT2_5 24118	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
GOWANUS_GT2_6 24119	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
GOWANUS_GT2_7 24120	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
GOWANUS_GT2_8 24121	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
GOWANUS_GT3_1 24122	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
GOWANUS_GT3_2 24123	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.4			

GOWANUS_GT4_3 24132	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT4_4 24133	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT4_5 24134	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT4_6 24135	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT4_7 24136	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GOWANUS_GT4_8 24137	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GREENBSH_115KV_TB3 55895	35.45 0.59 0.00	33.96 0.70 0.00	32.71 0.80 0.00	31.57 0.80 0.00	31.45 0.83 0.00	34.35 0.74 0.00	41.32 0.77 0.00	46.74 0.87 0.00	41.57 0.74 0.00	34.84 0.62 0.00	32.30 0.57 0.00	32.18 0.54 0.00	30.16 0.50 0.00	28.69 0.53 0.00	27.87 0.52 0.00	30.05 0.56 0.00	32.83 0.68 0.00	37.04 0.76 0.00	45.20 0.97 0.00	51.23 1.05 0.00	50.25 0.99 0.00	42.84 0.72 0.00	38.27 0.60 0.00	36.86 0.47 0.00
GREENDGE_115KV_TB5 80291	34.30 -0.56 0.00	32.56 -0.70 0.00	31.14 -0.77 0.00	30.13 -0.65 0.00	30.01 -0.61 0.00	32.87 -0.74 0.00	39.82 -0.73 0.00	44.86 -1.01 0.00	39.98 -0.86 0.00	33.60 -0.68 -0.05	31.27 -0.51 -0.05	31.10 -0.54 0.00	29.15 -0.50 0.00	27.50 -0.65 0.00	26.75 -0.66 -0.05	28.96 -0.53 0.00	38.24 -0.61 -6.69	39.71 -0.54 -3.98	44.49 -0.57 -0.84	49.94 -0.25 -0.02	49.07 -0.20 0.00	42.04 -0.08 0.00	37.78 0.11 0.00	36.75 0.36 0.00
GREENIDGE___3 23582	34.30 -0.56 0.00	32.56 -0.70 0.00	31.14 -0.77 0.00	30.13 -0.65 0.00	30.01 -0.61 0.00	32.87 -0.74 0.00	39.82 -0.73 0.00	44.86 -1.01 0.00	39.98 -0.86 0.00	33.60 -0.68 -0.05	31.27 -0.51 -0.05	31.10 -0.54 0.00	29.15 -0.50 0.00	27.50 -0.65 0.00	26.75 -0.66 -0.05	28.96 -0.53 0.00	38.24 -0.61 -6.69	39.71 -0.54 -3.98	44.49 -0.57 -0.84	49.94 -0.25 -0.02	49.07 -0.20 0.00	42.04 -0.08 0.00	37.78 0.11 0.00	36.75 0.36 0.00
GREENIDGE___4 23583	34.34 -0.52 0.00	32.53 -0.73 0.00	31.18 -0.73 0.00	30.16 -0.62 0.00	30.04 -0.58 0.00	32.91 -0.71 0.00	39.82 -0.73 0.00	44.86 -1.01 0.00	40.02 -0.82 0.00	33.60 -0.68 -0.05	31.27 -0.51 -0.05	31.10 -0.54 0.00	29.15 -0.50 0.00	27.53 -0.62 0.00	26.89 -0.52 -0.05	28.96 -0.53 0.00	38.27 -0.58 -6.69	39.75 -0.51 -3.98	44.54 -0.53 -0.84	49.99 -0.20 -0.02	49.12 -0.15 0.00	42.08 -0.04 0.00	37.86 0.19 0.00	36.90 0.51 0.00
GREENLWN_69_KV_BK 3 55738	36.43 1.57 0.00	34.72 1.46 0.00	33.44 1.53 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.43 1.82 0.00	42.78 2.23 0.00	48.71 2.84 0.00	43.37 2.53 0.00	36.21 1.99 0.00	33.50 1.78 0.00	33.32 1.68 0.00	31.08 1.42 0.00	29.50 1.35 0.00	28.67 1.31 0.00	30.84 1.36 0.00	33.80 1.64 0.00	38.06 1.78 0.00	46.79 2.56 0.00	52.38 2.21 0.00	51.29 2.02 0.00	44.49 2.36 0.00	39.51 1.85 0.00	37.85 1.46 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71
GRISSOM___SOLAR 323813	36.47 1.60 0.00	34.82 1.56 0.00	33.35 1.44 0.00	32.16 1.39 0.00	32.03 1.41 0.00	35.23 1.61 0.00	42.62 2.07 0.00	48.02 2.16 0.00	42.35 1.51 0.00	35.22 0.99 0.00	32.46 0.73 0.00	32.31 0.67 0.00	30.40 0.74 0.00	28.88 0.73 0.00	28.06 0.71 0.00	30.34 0.86 0.00	33.28 1.13 0.00	37.91 1.63 0.00	46.57 2.34 0.00	53.18 3.01 0.00	52.17 2.91 0.00	44.40 2.27 0.00	39.66 2.00 0.00	38.17 1.78 0.00
GROVEVILLE___HYD 323602	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.28 1.51 0.00	32.15 1.53 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.30 2.43 0.00	43.00 2.16 0.00	35.94 1.71 0.00	33.19 1.46 0.00	33.07 1.42 0.00	31.02 1.36 0.00	29.45 1.30 0.00	28.64 1.29 0.00	30.87 1.39 0.00	33.67 1.51 0.00	38.13 1.85 0.00	46.79 2.56 0.00	53.03 2.86 0.00	51.98 2.71 0.00	44.36 2.23 0.00	39.48 1.81 0.00	38.03 1.64 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.76 -0.10 0.00	33.12 -0.13 0.00	31.72 -0.19 0.00	30.65 -0.12 0.00	30.53 -0.09 0.00	33.45 -0.17 0.00	40.39 -0.16 0.00	45.59 -0.28 0.00	40.63 -0.20 0.00	34.16 -0.07 0.00	31.73 0.00 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.10 -0.06 0.00	27.35 0.00 0.00	29.52 0.03 0.00	32.22 0.06 0.00	36.31 0.04 0.00	44.18 -0.04 0.00	50.17 0.00 0.00	49.22 -0.05 0.00	42.13 0.00 0.00	37.74 0.08 0.00	36.50 0.11 0.00

HAMLTNNY_34_KV_TB 80303	34.76 -0.10 0.00	33.09 -0.17 0.00	31.72 -0.19 0.00	30.65 -0.12 0.00	30.53 -0.09 0.00	33.45 -0.17 0.00	40.39 -0.16 0.00	45.59 -0.28 0.00	40.63 -0.20 0.00	34.16 -0.07 0.00	31.76 0.03 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.10 -0.06 0.00	27.35 0.00 0.00	29.52 0.03 0.00	32.22 0.06 0.00	36.35 0.07 0.00	44.22 0.00 0.00	50.22 0.05 0.00	49.27 0.00 0.00	42.17 0.04 0.00	37.78 0.11 0.00	36.57 0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	34.16 -0.70 0.00	32.53 -0.73 0.00	31.18 -0.73 0.00	30.00 -0.77 0.00	29.82 -0.80 0.00	32.94 -0.67 0.00	39.82 -0.73 0.00	44.95 -0.92 0.00	39.85 -0.98 0.00	33.31 -0.92 0.00	30.80 -0.92 0.00	30.76 -0.89 0.00	28.83 -0.83 0.00	27.39 -0.76 0.00	26.59 -0.77 0.00	28.69 -0.79 0.00	31.23 -0.93 0.00	39.61 -0.91 -4.24	48.22 -1.02 -5.02	54.87 -0.90 -5.60	54.17 -0.64 -5.54	46.37 -0.59 -4.83	41.44 -0.60 -4.38	40.08 -0.54 -4.23
HARDSCRABBLE_WT_PWR 323673	35.17 0.31 0.00	33.56 0.30 0.00	32.20 0.29 0.00	31.05 0.28 0.00	30.90 0.27 0.00	33.92 0.30 0.00	40.92 0.36 0.00	46.28 0.41 0.00	41.16 0.33 0.00	34.50 0.27 0.00	31.95 0.22 0.00	31.77 0.13 0.00	29.72 0.06 0.00	28.18 0.03 0.00	27.30 -0.05 0.00	29.31 -0.18 0.00	31.84 -0.32 0.00	35.88 -0.40 0.00	43.69 -0.53 0.00	49.52 -0.65 0.00	48.68 -0.59 0.00	41.66 -0.46 0.00	37.29 -0.38 0.00	36.03 -0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.15 1.29 0.00	34.52 1.26 0.00	33.12 1.21 0.00	32.00 1.23 0.00	31.85 1.22 0.00	34.93 1.31 0.00	42.14 1.58 0.00	47.84 1.97 0.00	42.63 1.80 0.00	35.63 1.40 0.00	32.93 1.21 0.00	32.84 1.20 0.00	30.81 1.16 0.00	29.25 1.10 0.00	28.42 1.07 0.00	30.64 1.15 0.00	33.41 1.25 0.00	37.80 1.52 0.00	46.35 2.12 0.00	52.53 2.36 0.00	51.48 2.22 0.00	43.98 1.85 0.00	39.14 1.47 0.00	37.66 1.27 0.00
HARSNRAD_115KV_TB1 81005	31.79 -3.07 0.00	30.17 -3.09 0.00	28.78 -3.13 0.00	27.88 -2.89 0.00	27.74 -2.88 0.00	30.29 -3.33 0.00	36.66 -3.89 0.00	41.14 -4.72 0.00	37.00 -3.84 0.00	31.35 -2.84 0.04	29.25 -2.44 0.04	29.11 -2.53 0.00	27.28 -2.37 0.00	25.56 -2.59 0.00	24.77 -2.54 0.04	26.89 -2.59 0.00	25.10 -2.54 4.52	30.69 -2.90 2.69	39.85 -3.80 0.57	45.80 -4.37 0.01	45.33 -3.94 0.00	39.18 -2.95 0.00	35.56 -2.11 0.00	35.04 -1.35 0.00
HARZA MOOSE___RIVER 24016	35.11 0.24 0.00	33.42 0.17 0.00	32.04 0.13 0.00	30.90 0.12 0.00	30.77 0.15 0.00	33.85 0.24 0.00	40.88 0.32 0.00	46.19 0.32 0.00	41.00 0.16 0.00	34.30 0.07 0.00	31.76 0.03 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.15 0.00 0.00	27.35 0.00 0.00	29.55 0.06 0.00	32.22 0.06 0.00	37.72 0.25 -1.19	45.98 0.35 -1.40	52.34 0.60 -1.57	51.60 0.79 -1.55	44.11 0.63 -1.35	39.38 0.49 -1.22	38.05 0.47 -1.18
HDSNBRDG_115KV_BRDG_TB1 355580	34.48 -0.38 0.00	32.86 -0.40 0.00	31.50 -0.41 0.00	30.43 -0.34 0.00	30.28 -0.34 0.00	33.18 -0.44 0.00	40.07 -0.49 0.00	45.27 -0.60 0.00	40.34 -0.49 0.00	33.92 -0.31 0.00	31.50 -0.22 0.00	31.39 -0.25 0.00	29.42 -0.24 0.00	27.90 -0.25 0.00	27.14 -0.22 0.00	29.28 -0.21 0.00	31.97 -0.19 0.00	36.06 -0.22 0.00	43.83 -0.40 0.00	49.77 -0.40 0.00	48.82 -0.44 0.00	41.79 -0.34 0.00	37.44 -0.23 0.00	36.21 -0.18 0.00
HELLGATE_13_KV_LD 55870	37.24 1.74 -0.63	35.71 1.76 -0.69	34.29 1.66 -0.72	33.22 1.69 -0.76	33.10 1.71 -0.77	36.07 1.78 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.29 2.41 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.84 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	34.02 1.67 -4.99	35.19 1.71 -3.99	37.56 1.87 -3.54	41.56 2.14 -3.14	49.02 2.92 -1.88	54.60 3.16 -1.26	53.23 2.91 -1.06	46.73 2.44 -2.16	40.18 1.96 -0.56	38.68 1.71 -0.58
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.24 1.74 -0.63	35.71 1.76 -0.69	34.29 1.66 -0.72	33.22 1.69 -0.76	33.10 1.71 -0.77	36.07 1.78 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.29 2.41 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.84 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	34.02 1.67 -4.99	35.19 1.71 -3.99	37.56 1.87 -3.54	41.56 2.14 -3.14	49.02 2.92 -1.88	54.60 3.16 -1.26	53.23 2.91 -1.06	46.73 2.44 -2.16	40.18 1.96 -0.56	38.68 1.71 -0.58
HEMPSTEAD____ 23647	36.47 1.60 0.00	34.92 1.66 0.00	33.47 1.56 0.00	32.31 1.54 0.00	32.18 1.56 0.00	35.33 1.71 0.00	42.78 2.23 0.00	48.71 2.84 0.00	43.24 2.41 0.00	36.25 2.02 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.14 1.48 0.00	29.56 1.41 0.00	28.64 1.29 0.00	30.90 1.42 0.00	33.83 1.67 0.00	38.13 1.85 0.00	46.92 2.70 0.00	52.78 2.61 0.00	51.73 2.46 0.00	44.53 2.40 0.00	39.44 1.77 0.00	37.85 1.46 0.00
HEWLETT_69_KV_BK3 55828	36.81 1.95 0.00	35.09 1.83 0.00	33.73 1.82 0.00	32.65 1.88 0.00	32.52 1.90 0.00	35.70 2.08 0.00	43.07 2.51 0.00	49.03 3.16 0.00	43.61 2.78 0.00	36.49 2.26 0.00	33.72 2.00 0.00	33.57 1.93 0.00	31.38 1.72 0.00	29.79 1.63 0.00	28.94 1.59 0.00	31.17 1.68 0.00	34.09 1.93 0.00	38.42 2.14 0.00	47.28 3.05 0.00	53.29 3.11 0.00	52.22 2.96 0.00	44.91 2.78 0.00	39.89 2.22 0.00	38.28 1.89 0.00
HICKLING___1 23621	34.02 -0.84 0.00	32.29 -0.96 0.00	30.89 -1.02 0.00	29.88 -0.89 0.00	29.76 -0.86 0.00	32.54 -1.08 0.00	39.42 -1.14 0.00	44.31 -1.56 0.00	39.57 -1.27 0.00	33.15 -1.10 -0.02	30.89 -0.86 -0.02	30.85 -0.79 0.00	28.91 -0.74 0.00	27.25 -0.90 0.00	26.31 -1.07 -0.02	28.66 -0.83 0.00	33.54 -1.22 -2.60	36.55 -1.27 -1.55	43.09 -1.46 -0.33	49.33 -0.85 -0.01	48.58 -0.69 0.00	41.66 -0.46 0.00	37.52 -0.15 0.00	36.64 0.25 0.00
HICKLING___2 23622	34.02 -0.84 0.00	32.29 -0.96 0.00	30.89 -1.02 0.00	29.88 -0.89 0.00	29.76 -0.86 0.00	32.54 -1.08 0.00	39.42 -1.14 0.00	44.31 -1.56 0.00	39.57 -1.27 0.00	33.15 -1.10 -0.02	30.89 -0.86 -0.02	30.85 -0.79 0.00	28.91 -0.74 0.00	27.25 -0.90 0.00	26.31 -1.07 -0.02	28.66 -0.83 0.00	33.54 -1.22 -2.60	36.55 -1.27 -1.55	43.09 -1.46 -0.33	49.33 -0.85 -0.01	48.58 -0.69 0.00	41.66 -0.46 0.00	37.52 -0.15 0.00	36.64 0.25 0.00
HIGH FALLS___HY 23754	36.36 1.50 0.00	34.69 1.43 0.00	33.25 1.34 0.00	32.13 1.35 0.00	31.97 1.35 0.00	35.09 1.48 0.00	42.34 1.78 0.00	48.16 2.29 0.00	42.88 2.04 0.00	35.80 1.57 0.00	33.03 1.30 0.00	32.94 1.30 0.00	30.90 1.25 0.00	29.33 1.18 0.00	28.50 1.15 0.00	30.73 1.24 0.00	33.54 1.38 0.00	37.98 1.71 0.00	46.66 2.43 0.00	52.98 2.81 0.00	51.93 2.66 0.00	44.32 2.19 0.00	39.44 1.77 0.00	37.99 1.60 0.00
HIGH_RIVER___SOLAR 323847	35.98 1.12 0.00	34.39 1.13 0.00	32.96 1.05 0.00	31.82 1.05 0.00	31.66 1.04 0.00	34.76 1.14 0.00	41.97 1.42 0.00	47.29 1.42 0.00	41.77 0.94 0.00	34.81 0.58 0.00	32.17 0.44 0.00	32.05 0.41 0.00	30.13 0.47 0.00	28.63 0.48 0.00	27.82 0.46 0.00	30.05 0.56 0.00	32.93 0.77 0.00	37.44 1.16 0.00	45.90 1.68 0.00	52.23 2.06 0.00	51.24 1.97 0.00	43.69 1.56 0.00	39.02 1.35 0.00	37.59 1.20 0.00

HILLBURN___GT 23639	36.08 1.22 0.00	34.52 1.26 0.00	33.09 1.18 0.00	31.97 1.20 0.00	31.81 1.19 0.00	34.86 1.24 0.00	42.05 1.50 0.00	47.84 1.97 0.00	42.59 1.75 0.00	35.67 1.44 0.00	33.00 1.27 0.00	32.91 1.27 0.00	30.84 1.19 0.00	29.31 1.15 0.00	28.45 1.10 0.00	30.67 1.18 0.00	33.41 1.25 0.00	37.84 1.56 0.00	46.35 2.12 0.00	52.43 2.26 0.00	51.38 2.12 0.00	43.89 1.77 0.00	39.02 1.35 0.00	37.52 1.13 0.00
HILLSIDE_115KV_TB1 80332	33.75 -1.12 0.00	32.03 -1.23 0.00	30.63 -1.28 0.00	29.63 -1.14 0.00	29.49 -1.13 0.00	32.27 -1.34 0.00	39.09 -1.46 0.00	43.99 -1.88 0.00	39.28 -1.55 0.00	32.91 -1.33 -0.02	30.63 -1.11 -0.02	30.63 -1.01 0.00	28.71 -0.95 0.00	27.05 -1.10 0.00	26.08 -1.29 -0.02	28.43 -1.06 0.00	32.68 -1.51 -2.03	35.89 -1.60 -1.21	42.53 -1.95 -0.26	48.83 -1.35 -0.01	48.03 -1.23 0.00	41.20 -0.93 0.00	37.06 -0.60 0.00	36.21 -0.18 0.00
HISHELDN_WT_PWR 323625	31.93 -2.93 0.00	30.10 -3.16 0.00	28.88 -3.03 0.00	27.97 -2.80 0.00	27.86 -2.76 0.00	30.49 -3.13 0.00	36.82 -3.73 0.00	41.33 -4.54 0.00	36.95 -3.88 0.00	30.80 -3.25 0.17	28.73 -2.82 0.17	28.83 -2.82 0.00	27.08 -2.58 0.00	25.42 -2.73 0.00	24.61 -2.57 0.17	26.68 -2.80 0.00	6.73 -3.09 22.35	19.69 -3.30 13.28	37.35 -4.07 2.81	45.95 -4.16 0.06	45.67 -3.59 0.00	39.47 -2.65 0.00	35.86 -1.81 0.00	35.44 -0.95 0.00
HOLTSVILLE_IC_1 23690	36.36 1.50 0.00	34.99 1.73 0.00	33.50 1.59 0.00	32.40 1.63 0.00	32.24 1.62 0.00	35.53 1.92 0.00	43.23 2.68 0.00	49.31 3.44 0.00	43.69 2.86 0.00	36.62 2.40 0.00	33.76 2.03 0.00	33.41 1.77 0.00	31.05 1.39 0.00	29.39 1.24 0.00	28.39 1.04 0.00	30.67 1.18 0.00	33.67 1.51 0.00	37.87 1.59 0.00	46.74 2.52 0.00	52.53 2.36 0.00	51.49 2.22 0.00	44.40 2.27 0.00	39.25 1.58 0.00	37.66 1.27 0.00
HOLTSVILLE_IC_10 23699	36.53 1.67 0.00	35.12 1.86 0.00	33.63 1.72 0.00	32.53 1.75 0.00	32.37 1.74 0.00	35.66 2.05 0.00	43.43 2.88 0.00	49.49 3.62 0.00	43.86 3.02 0.00	36.76 2.53 0.00	33.88 2.16 0.00	33.54 1.90 0.00	31.17 1.51 0.00	29.50 1.35 0.00	28.48 1.12 0.00	30.78 1.30 0.00	33.80 1.64 0.00	38.05 1.78 0.00	46.97 2.74 0.00	52.78 2.61 0.00	51.73 2.46 0.00	44.61 2.48 0.00	39.44 1.77 0.00	37.85 1.46 0.00
HOLTSVILLE_IC_2 23691	36.36 1.50 0.00	34.99 1.73 0.00	33.50 1.59 0.00	32.40 1.63 0.00	32.24 1.62 0.00	35.53 1.92 0.00	43.23 2.68 0.00	49.31 3.44 0.00	43.69 2.86 0.00	36.62 2.40 0.00	33.76 2.03 0.00	33.41 1.77 0.00	31.05 1.39 0.00	29.39 1.24 0.00	28.39 1.04 0.00	30.67 1.18 0.00	33.67 1.51 0.00	37.87 1.59 0.00	46.74 2.52 0.00	52.53 2.36 0.00	51.49 2.22 0.00	44.40 2.27 0.00	39.25 1.58 0.00	37.66 1.27 0.00
HOLTSVILLE_IC_3 23692	36.36 1.50 0.00	34.99 1.73 0.00	33.50 1.59 0.00	32.40 1.63 0.00	32.24 1.62 0.00	35.53 1.92 0.00	43.23 2.68 0.00	49.31 3.44 0.00	43.69 2.86 0.00	36.62 2.40 0.00	33.76 2.03 0.00	33.41 1.77 0.00	31.05 1.39 0.00	29.39 1.24 0.00	28.39 1.04 0.00	30.67 1.18 0.00	33.67 1.51 0.00	37.87 1.59 0.00	46.74 2.52 0.00	52.53 2.36 0.00	51.49 2.22 0.00	44.40 2.27 0.00	39.25 1.58 0.00	37.66 1.27 0.00
HOLTSVILLE_IC_4 23693	36.36 1.50 0.00	34.99 1.73 0.00	33.50 1.59 0.00	32.40 1.63 0.00	32.24 1.62 0.00	35.53 1.92 0.00	43.23 2.68 0.00	49.31 3.44 0.00	43.69 2.86 0.00	36.62 2.40 0.00	33.76 2.03 0.00	33.41 1.77 0.00	31.05 1.39 0.00	29.39 1.24 0.00	28.39 1.04 0.00	30.67 1.18 0.00	33.67 1.51 0.00	37.87 1.59 0.00	46.74 2.52 0.00	52.53 2.36 0.00	51.49 2.22 0.00	44.40 2.27 0.00	39.25 1.58 0.00	37.66 1.27 0.00
HOLTSVILLE_IC_5 23694	36.36 1.50 0.00	34.99 1.73 0.00	33.50 1.59 0.00	32.40 1.63 0.00	32.24 1.62 0.00	35.53 1.92 0.00	43.23 2.68 0.00	49.31 3.44 0.00	43.69 2.86 0.00	36.62 2.40 0.00	33.76 2.03 0.00	33.41 1.77 0.00	31.05 1.39 0.00	29.39 1.24 0.00	28.39 1.04 0.00	30.67 1.18 0.00	33.67 1.51 0.00	37.87 1.59 0.00	46.74 2.52 0.00	52.53 2.36 0.00	51.49 2.22 0.00	44.40 2.27 0.00	39.25 1.58 0.00	37.66 1.27 0.00
HOLTSVILLE_IC_6 23695	36.53 1.67 0.00	35.12 1.86 0.00	33.63 1.72 0.00	32.53 1.75 0.00	32.37 1.74 0.00	35.66 2.05 0.00	43.43 2.88 0.00	49.49 3.62 0.00	43.86 3.02 0.00	36.76 2.53 0.00	33.88 2.16 0.00	33.54 1.90 0.00	31.17 1.51 0.00	29.50 1.35 0.00	28.48 1.12 0.00	30.78 1.30 0.00	33.80 1.64 0.00	38.05 1.78 0.00	46.97 2.74 0.00	52.78 2.61 0.00	51.73 2.46 0.00	44.61 2.48 0.00	39.44 1.77 0.00	37.85 1.46 0.00
HOLTSVILLE_IC_7 23696	36.53 1.67 0.00	35.12 1.86 0.00	33.63 1.72 0.00	32.53 1.75 0.00	32.37 1.74 0.00	35.66 2.05 0.00	43.43 2.88 0.00	49.49 3.62 0.00	43.86 3.02 0.00	36.76 2.53 0.00	33.88 2.16 0.00	33.54 1.90 0.00	31.17 1.51 0.00	29.50 1.35 0.00	28.48 1.12 0.00	30.78 1.30 0.00	33.80 1.64 0.00	38.05 1.78 0.00	46.97 2.74 0.00	52.78 2.61 0.00	51.73 2.46 0.00	44.61 2.48 0.00	39.44 1.77 0.00	37.85 1.46 0.00
HOLTSVILLE_IC_8 23697	36.53 1.67 0.00	35.12 1.86 0.00	33.63 1.72 0.00	32.53 1.75 0.00	32.37 1.74 0.00	35.66 2.05 0.00	43.43 2.88 0.00	49.49 3.62 0.00	43.86 3.02 0.00	36.76 2.53 0.00	33.88 2.16 0.00	33.54 1.90 0.00	31.17 1.51 0.00	29.50 1.35 0.00	28.48 1.12 0.00	30.78 1.30 0.00	33.80 1.64 0.00	38.05 1.78 0.00	46.97 2.74 0.00	52.78 2.61 0.00	51.73 2.46 0.00	44.61 2.48 0.00	39.44 1.77 0.00	37.85 1.46 0.00
HOLTSVILLE_IC_9 23698	36.53 1.67 0.00	35.12 1.86 0.00	33.63 1.72 0.00	32.53 1.75 0.00	32.37 1.74 0.00	35.66 2.05 0.00	43.43 2.88 0.00	49.49 3.62 0.00	43.86 3.02 0.00	36.76 2.53 0.00	33.88 2.16 0.00	33.54 1.90 0.00	31.17 1.51 0.00	29.50 1.35 0.00	28.48 1.12 0.00	30.78 1.30 0.00	33.80 1.64 0.00	38.05 1.78 0.00	46.97 2.74 0.00	52.78 2.61 0.00	51.73 2.46 0.00	44.61 2.48 0.00	39.44 1.77 0.00	37.85 1.46 0.00
HOMER_HL_115KV_TB2 355744	33.22 -1.64 0.00	31.46 -1.80 0.00	30.03 -1.88 0.00	29.11 -1.66 0.00	28.91 -1.71 0.00	31.53 -2.08 0.00	38.40 -2.15 0.00	43.12 -2.75 0.00	38.71 -2.12 0.00	32.17 -2.05 0.00	29.98 -1.74 0.00	30.28 -1.36 0.00	28.38 -1.28 0.00	26.60 -1.55 0.00	24.73 -2.63 0.00	27.89 -1.59 0.00	28.91 -3.25 0.00	32.69 -3.59 0.00	39.71 -4.51 0.00	47.97 -2.21 0.00	47.44 -1.82 0.00	40.86 -1.26 0.00	36.99 -0.68 0.00	36.54 0.15 0.00
HOWARD_WT_PWR 323690	33.08 -1.78 0.00	31.10 -2.16 0.00	29.71 -2.20 0.00	28.80 -1.97 0.00	28.72 -1.90 0.00	31.43 -2.18 0.00	38.04 -2.51 0.00	42.84 -3.03 0.00	38.22 -2.61 0.00	32.01 -2.33 -0.11	29.93 -1.90 -0.11	29.74 -1.90 0.00	27.93 -1.72 0.00	26.29 -1.86 0.00	25.74 -1.72 -0.11	27.63 -1.86 0.00	44.17 -2.28 -14.29	42.45 -2.32 -8.49	43.37 -2.65 -1.80	47.96 -2.26 -0.04	47.34 -1.92 0.00	40.53 -1.60 0.00	36.61 -1.05 0.00	35.99 -0.40 0.00

HQ_GEN_CEDARS 23644	34.69 -0.17 0.00	33.03 -0.23 0.00	31.72 -0.19 0.00	30.43 -0.34 0.00	30.22 -0.40 0.00	33.38 -0.24 0.00	40.35 -0.20 0.00	45.59 -0.28 0.00	40.55 -0.29 0.00	33.92 -0.31 0.00	31.41 -0.32 0.00	31.39 -0.25 0.00	29.42 -0.24 0.00	27.98 -0.17 0.00	27.11 -0.25 0.00	29.22 -0.27 0.00	31.71 -0.45 0.00	37.82 -0.51 -2.05	46.02 -0.62 -2.42	52.32 -0.55 -2.70	51.54 -0.39 -2.67	44.12 -0.34 -2.33	39.48 -0.30 -2.11	38.25 -0.18 -2.04
HQ_GEN_CEDARS_PROXY 323590	34.69 -0.17 0.00	33.03 -0.23 0.00	31.69 -0.22 0.00	30.44 -0.34 0.00	30.22 -0.40 0.00	33.38 -0.23 0.00	40.35 -0.20 0.00	45.59 -0.27 0.00	40.55 -0.28 0.00	33.92 -0.31 0.00	31.41 -0.32 0.00	31.39 -0.25 0.00	29.42 -0.24 0.00	27.98 -0.17 0.00	27.16 -0.19 0.00	29.22 -0.27 0.00	31.71 -0.45 0.00	37.82 -0.51 -2.05	45.98 -0.66 -2.42	52.32 -0.55 -2.70	51.54 -0.40 -2.67	44.12 -0.34 -2.33	39.48 -0.30 -2.11	38.21 -0.22 -2.04
HQ_GEN_IMPORT 323601	34.72 -0.14 0.00	33.09 -0.17 0.00	31.75 -0.16 0.00	30.56 -0.21 0.00	30.37 -0.25 0.00	33.48 -0.13 0.00	40.39 -0.16 0.00	45.68 -0.18 0.00	40.63 -0.20 0.00	34.06 -0.17 0.00	31.54 -0.19 0.00	31.52 -0.13 0.00	29.54 -0.12 0.00	28.04 -0.11 0.00	27.22 -0.14 0.00	29.31 -0.18 0.00	31.87 -0.29 0.00	35.95 -0.33 0.00	43.82 -0.40 0.00	49.77 -0.40 0.00	48.92 -0.34 0.00	41.83 -0.29 0.00	37.44 -0.22 0.00	36.21 -0.18 0.00
HQ_GEN_WHEEL 23651	34.72 -0.14 0.00	33.09 -0.17 0.00	31.75 -0.16 0.00	30.56 -0.21 0.00	30.37 -0.25 0.00	33.48 -0.13 0.00	40.39 -0.16 0.00	45.68 -0.18 0.00	40.63 -0.20 0.00	34.06 -0.17 0.00	31.54 -0.19 0.00	31.52 -0.13 0.00	29.54 -0.12 0.00	28.04 -0.11 0.00	27.22 -0.14 0.00	29.31 -0.18 0.00	31.87 -0.29 0.00	35.95 -0.33 0.00	43.82 -0.40 0.00	49.77 -0.40 0.00	48.92 -0.34 0.00	41.83 -0.29 0.00	37.44 -0.22 0.00	36.21 -0.18 0.00
HUDSON AVE_GT_3 23810	36.50 1.64 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.34 1.57 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.48 2.61 0.00	43.08 2.25 0.00	36.11 1.88 0.00	33.44 1.71 0.00	33.35 1.71 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.91 1.56 0.00	31.08 1.59 0.00	33.90 1.74 0.00	38.27 2.00 0.00	46.97 2.74 0.00	53.13 2.96 0.00	51.98 2.71 0.00	44.40 2.27 0.00	39.44 1.77 0.00	37.95 1.56 0.00
HUDSON AVE_GT_4 23540	36.50 1.64 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.34 1.57 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.48 2.61 0.00	43.08 2.25 0.00	36.11 1.88 0.00	33.44 1.71 0.00	33.35 1.71 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.91 1.56 0.00	31.08 1.59 0.00	33.90 1.74 0.00	38.27 2.00 0.00	46.97 2.74 0.00	53.13 2.96 0.00	51.98 2.71 0.00	44.40 2.27 0.00	39.44 1.77 0.00	37.95 1.56 0.00
HUDSON AVE_GT_5 23657	36.50 1.64 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.34 1.57 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.48 2.61 0.00	43.08 2.25 0.00	36.11 1.88 0.00	33.44 1.71 0.00	33.35 1.71 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.91 1.56 0.00	31.08 1.59 0.00	33.90 1.74 0.00	38.27 2.00 0.00	46.97 2.74 0.00	53.13 2.96 0.00	51.98 2.71 0.00	44.40 2.27 0.00	39.44 1.77 0.00	37.95 1.56 0.00
HUDSON_AVE_10 24168	36.43 1.57 0.00	34.82 1.56 0.00	33.41 1.50 0.00	32.28 1.51 0.00	32.15 1.53 0.00	35.23 1.61 0.00	42.46 1.91 0.00	48.44 2.57 0.00	43.04 2.21 0.00	36.11 1.88 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.91 1.56 0.00	31.08 1.59 0.00	33.90 1.74 0.00	38.27 2.00 0.00	46.97 2.74 0.00	53.13 2.96 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.40 1.73 0.00	37.92 1.53 0.00
HUDSON___115KV_TB 4 355613	36.08 1.22 0.00	34.52 1.26 0.00	33.22 1.31 0.00	32.07 1.29 0.00	31.91 1.29 0.00	34.93 1.31 0.00	42.05 1.50 0.00	47.52 1.65 0.00	42.14 1.31 0.00	35.15 0.92 0.00	32.46 0.73 0.00	32.34 0.70 0.00	30.34 0.68 0.00	28.86 0.70 0.00	28.07 0.71 0.00	30.28 0.80 0.00	33.16 1.00 0.00	37.55 1.27 0.00	45.95 1.72 0.00	52.28 2.11 0.00	51.29 2.02 0.00	43.68 1.56 0.00	39.06 1.39 0.00	37.63 1.24 0.00
HUNTER MOUNT___DRP 323613	36.29 1.43 0.00	34.72 1.46 0.00	33.41 1.50 0.00	32.22 1.45 0.00	32.09 1.47 0.00	35.13 1.51 0.00	42.30 1.74 0.00	47.75 1.88 0.00	42.30 1.47 0.00	35.25 1.03 0.00	32.49 0.76 0.00	32.37 0.73 0.00	30.37 0.71 0.00	28.88 0.73 0.00	28.07 0.71 0.00	30.31 0.83 0.00	33.19 1.03 0.00	37.69 1.41 0.00	46.17 1.95 0.00	52.58 2.41 0.00	51.58 2.32 0.00	43.94 1.81 0.00	39.29 1.62 0.00	37.88 1.49 0.00
HUNTINGTON_RES_REC 323705	36.53 1.67 0.00	35.02 1.76 0.00	33.57 1.66 0.00	32.43 1.66 0.00	32.27 1.65 0.00	35.53 1.92 0.00	43.11 2.56 0.00	49.12 3.26 0.00	43.57 2.74 0.00	36.52 2.29 0.00	33.69 1.97 0.00	33.44 1.80 0.00	31.14 1.48 0.00	29.53 1.38 0.00	28.59 1.23 0.00	30.84 1.36 0.00	33.86 1.70 0.00	38.16 1.89 0.00	46.97 2.74 0.00	52.63 2.46 0.00	51.58 2.32 0.00	44.65 2.53 0.00	39.51 1.85 0.00	37.88 1.49 0.00
HUNTLEY___63 23557	32.11 -2.75 0.00	30.46 -2.79 0.00	29.07 -2.84 0.00	28.16 -2.62 0.00	27.99 -2.63 0.00	30.56 -3.06 0.00	37.07 -3.49 0.00	41.56 -4.31 0.00	37.40 -3.43 0.00	31.70 -2.50 0.03	29.54 -2.16 0.03	29.43 -2.21 0.00	27.58 -2.08 0.00	25.84 -2.31 0.00	24.95 -2.38 0.03	27.16 -2.33 0.00	26.38 -2.41 3.36	31.56 -2.72 2.00	40.13 -3.67 0.42	46.30 -3.86 0.01	45.87 -3.40 0.00	39.60 -2.53 0.00	35.97 -1.70 0.00	35.48 -0.91 0.00
HUNTLEY___64 23558	32.11 -2.75 0.00	30.46 -2.79 0.00	29.07 -2.84 0.00	28.16 -2.62 0.00	27.99 -2.63 0.00	30.56 -3.06 0.00	37.07 -3.49 0.00	41.56 -4.31 0.00	37.40 -3.43 0.00	31.70 -2.50 0.03	29.54 -2.16 0.03	29.43 -2.21 0.00	27.58 -2.08 0.00	25.84 -2.31 0.00	24.95 -2.38 0.03	27.16 -2.33 0.00	26.38 -2.41 3.36	31.56 -2.72 2.00	40.13 -3.67 0.42	46.30 -3.86 0.01	45.87 -3.40 0.00	39.60 -2.53 0.00	35.97 -1.70 0.00	35.48 -0.91 0.00
HUNTLEY___65 23559	32.11 -2.75 0.00	30.46 -2.79 0.00	29.07 -2.84 0.00	28.16 -2.62 0.00	27.99 -2.63 0.00	30.56 -3.06 0.00	37.07 -3.49 0.00	41.56 -4.31 0.00	37.40 -3.43 0.00	31.70 -2.50 0.03	29.54 -2.16 0.03	29.43 -2.21 0.00	27.58 -2.08 0.00	25.84 -2.31 0.00	24.95 -2.38 0.03	27.16 -2.33 0.00	26.38 -2.41 3.36	31.56 -2.72 2.00	40.13 -3.67 0.42	46.30 -3.86 0.01	45.87 -3.40 0.00	39.60 -2.53 0.00	35.97 -1.70 0.00	35.48 -0.91 0.00
HUNTLEY___66 23560	32.11 -2.75 0.00	30.46 -2.79 0.00	29.07 -2.84 0.00	28.16 -2.62 0.00	27.99 -2.63 0.00	30.56 -3.06 0.00	37.07 -3.49 0.00	41.56 -4.31 0.00	37.40 -3.43 0.00	31.70 -2.50 0.03	29.54 -2.16 0.03	29.43 -2.21 0.00	27.58 -2.08 0.00	25.84 -2.31 0.00	24.95 -2.38 0.03	27.16 -2.33 0.00	26.38 -2.41 3.36	31.56 -2.72 2.00	40.13 -3.67 0.42	46.30 -3.86 0.01	45.87 -3.40 0.00	39.60 -2.53 0.00	35.97 -1.70 0.00	35.48 -0.91 0.00

HUNTLEY___67 23561	32.07 -2.79 0.00	30.46 -2.79 0.00	29.07 -2.84 0.00	28.16 -2.62 0.00	27.99 -2.63 0.00	30.56 -3.06 0.00	37.03 -3.53 0.00	41.56 -4.31 0.00	37.40 -3.43 0.00	31.67 -2.53 0.03	29.51 -2.19 0.03	29.43 -2.21 0.00	27.58 -2.08 0.00	25.84 -2.31 0.00	24.92 -2.41 0.03	27.16 -2.33 0.00	26.49 -2.44 3.22	31.57 -2.79 1.91	40.10 -3.71 0.40	46.25 -3.91 0.01	45.77 -3.50 0.00	39.56 -2.57 0.00	35.90 -1.77 0.00	35.37 -1.02 0.00
HUNTLEY___68 23562	32.07 -2.79 0.00	30.46 -2.79 0.00	29.07 -2.84 0.00	28.16 -2.62 0.00	27.99 -2.63 0.00	30.56 -3.06 0.00	37.03 -3.53 0.00	41.56 -4.31 0.00	37.40 -3.43 0.00	31.67 -2.53 0.03	29.51 -2.19 0.03	29.43 -2.21 0.00	27.58 -2.08 0.00	25.84 -2.31 0.00	24.92 -2.41 0.03	27.16 -2.33 0.00	26.49 -2.44 3.22	31.57 -2.79 1.91	40.10 -3.71 0.40	46.25 -3.91 0.01	45.77 -3.50 0.00	39.56 -2.57 0.00	35.90 -1.77 0.00	35.37 -1.02 0.00
HYLAND___LFGE 323620	34.48 -0.38 0.00	32.49 -0.76 0.00	31.14 -0.77 0.00	30.19 -0.59 0.00	30.04 -0.58 0.00	32.97 -0.64 0.00	39.78 -0.77 0.00	44.72 -1.14 0.00	39.65 -1.19 0.00	33.22 -1.13 -0.12	30.77 -1.08 -0.12	30.38 -1.27 0.00	28.41 -1.24 0.00	26.72 -1.43 0.00	26.24 -1.23 -0.12	28.16 -1.33 0.00	46.58 -1.13 -15.55	44.83 -0.69 -9.24	45.74 -0.44 -1.95	50.27 0.05 -0.04	49.81 0.54 0.00	42.89 0.76 0.00	38.72 1.05 0.00	37.74 1.35 0.00
INDECK___CORINTH 23802	36.53 1.67 0.00	34.92 1.66 0.00	33.50 1.59 0.00	32.28 1.51 0.00	32.15 1.53 0.00	35.33 1.71 0.00	42.86 2.31 0.00	48.57 2.71 0.00	42.92 2.08 0.00	35.56 1.33 0.00	32.74 1.01 0.00	32.65 1.01 0.00	30.75 1.10 0.00	29.28 1.13 0.00	28.50 1.15 0.00	30.78 1.30 0.00	33.73 1.58 0.00	38.34 2.07 0.00	47.01 2.79 0.00	53.69 3.51 0.00	52.71 3.45 0.00	44.70 2.57 0.00	39.93 2.26 0.00	38.39 2.00 0.00
INDECK___ILION 23567	35.14 0.28 0.00	33.52 0.27 0.00	32.17 0.26 0.00	31.02 0.25 0.00	30.87 0.24 0.00	33.88 0.27 0.00	40.88 0.32 0.00	46.23 0.37 0.00	41.12 0.29 0.00	34.47 0.24 0.00	31.95 0.22 0.00	31.80 0.16 0.00	29.77 0.12 0.00	28.26 0.11 0.00	27.44 0.08 0.00	29.52 0.03 0.00	32.16 0.00 0.00	36.28 0.00 0.00	44.18 -0.04 0.00	50.12 -0.05 0.00	49.22 -0.05 0.00	42.13 0.00 0.00	37.67 0.00 0.00	36.39 0.00 0.00
INDECK___OLEAN 23982	33.26 -1.60 0.00	31.36 -1.89 0.00	30.09 -1.82 0.00	29.17 -1.60 0.00	28.97 -1.65 0.00	31.60 -2.02 0.00	38.44 -2.11 0.00	43.21 -2.66 0.00	38.79 -2.04 0.00	32.18 -2.05 0.00	30.01 -1.71 0.00	30.31 -1.33 0.00	28.41 -1.24 0.00	26.60 -1.55 0.00	25.88 -1.48 0.00	27.89 -1.59 0.00	28.94 -3.22 0.00	32.76 -3.52 0.00	39.80 -4.42 0.00	48.02 -2.16 0.00	47.49 -1.77 0.00	40.95 -1.18 0.00	37.10 -0.56 0.00	36.79 0.40 0.00
INDECK___OSWEGO 23783	34.20 -0.66 0.00	32.59 -0.66 0.00	31.27 -0.64 0.00	30.19 -0.59 0.00	30.07 -0.55 0.00	32.94 -0.67 0.00	39.74 -0.81 0.00	44.90 -0.97 0.00	40.02 -0.82 0.00	33.61 -0.62 0.00	31.19 -0.54 0.00	31.07 -0.57 0.00	29.12 -0.53 0.00	27.62 -0.54 0.00	26.86 -0.49 0.00	28.99 -0.50 0.00	31.68 -0.48 0.00	35.66 -0.62 0.00	43.38 -0.84 0.00	49.27 -0.90 0.00	48.33 -0.94 0.00	41.37 -0.76 0.00	37.06 -0.60 0.00	35.85 -0.54 0.00
INDECK___YERKES 23781	32.25 -2.62 0.00	30.40 -2.86 0.00	29.20 -2.71 0.00	28.28 -2.49 0.00	28.11 -2.51 0.00	30.69 -2.92 0.00	37.11 -3.45 0.00	41.69 -4.17 0.00	37.57 -3.27 0.00	31.74 -2.46 0.03	29.64 -2.06 0.03	29.52 -2.12 0.00	27.67 -1.99 0.00	25.90 -2.25 0.00	25.28 -2.05 0.03	27.22 -2.27 0.00	26.45 -2.35 3.36	31.70 -2.57 2.00	40.26 -4.42 0.42	46.45 -3.71 0.01	45.97 -3.30 0.00	39.77 -2.36 0.00	36.16 -1.51 0.00	35.88 -0.51 0.00
INDIAN POINT_GT_1 24139	36.15 1.29 0.00	34.52 1.26 0.00	33.12 1.21 0.00	32.03 1.26 0.00	31.88 1.26 0.00	34.93 1.31 0.00	42.09 1.54 0.00	47.89 2.02 0.00	42.63 1.80 0.00	35.70 1.47 0.00	33.03 1.30 0.00	32.91 1.27 0.00	30.84 1.19 0.00	29.31 1.15 0.00	28.50 1.15 0.00	30.67 1.18 0.00	33.48 1.32 0.00	37.80 1.52 0.00	46.35 2.12 0.00	52.48 2.31 0.00	51.43 2.17 0.00	43.94 1.81 0.00	39.06 1.39 0.00	37.59 1.20 0.00
INDIAN POINT_GT_2 23659	36.15 1.29 0.00	34.52 1.26 0.00	33.12 1.21 0.00	32.03 1.26 0.00	31.88 1.26 0.00	34.93 1.31 0.00	42.09 1.54 0.00	47.89 2.02 0.00	42.63 1.80 0.00	35.70 1.47 0.00	33.03 1.30 0.00	32.91 1.27 0.00	30.84 1.19 0.00	29.31 1.15 0.00	28.50 1.15 0.00	30.67 1.18 0.00	33.48 1.32 0.00	37.80 1.52 0.00	46.35 2.12 0.00	52.48 2.31 0.00	51.43 2.17 0.00	43.94 1.81 0.00	39.06 1.39 0.00	37.59 1.20 0.00
INDIAN POINT_GT_3 24019	36.15 1.29 0.00	34.52 1.26 0.00	33.12 1.21 0.00	32.03 1.26 0.00	31.88 1.26 0.00	34.93 1.31 0.00	42.09 1.54 0.00	47.89 2.02 0.00	42.63 1.80 0.00	35.70 1.47 0.00	33.03 1.30 0.00	32.91 1.27 0.00	30.84 1.19 0.00	29.31 1.15 0.00	28.50 1.15 0.00	30.67 1.18 0.00	33.48 1.32 0.00	37.80 1.52 0.00	46.35 2.12 0.00	52.48 2.31 0.00	51.43 2.17 0.00	43.94 1.81 0.00	39.06 1.39 0.00	37.59 1.20 0.00
INDIAN POINT___2 23530	36.01 1.15 0.00	34.42 1.16 0.00	33.03 1.12 0.00	31.88 1.11 0.00	31.75 1.13 0.00	34.76 1.14 0.00	41.93 1.38 0.00	47.70 1.84 0.00	42.43 1.59 0.00	35.56 1.33 0.00	32.90 1.17 0.00	32.78 1.14 0.00	30.72 1.07 0.00	29.19 1.04 0.00	28.37 1.01 0.00	30.55 1.06 0.00	33.35 1.19 0.00	37.73 1.45 0.00	46.22 1.99 0.00	52.28 2.11 0.00	51.24 1.97 0.00	43.77 1.64 0.00	38.91 1.24 0.00	37.41 1.02 0.00
INDIAN POINT___3 23531	36.15 1.29 0.00	34.56 1.30 0.00	33.15 1.24 0.00	32.07 1.29 0.00	31.91 1.29 0.00	34.96 1.34 0.00	42.14 1.58 0.00	47.93 2.06 0.00	42.67 1.84 0.00	35.73 1.51 0.00	33.06 1.33 0.00	32.94 1.30 0.00	30.87 1.22 0.00	29.33 1.18 0.00	28.53 1.18 0.00	30.70 1.21 0.00	33.51 1.35 0.00	37.84 1.56 0.00	46.39 2.17 0.00	52.53 2.36 0.00	51.43 2.17 0.00	43.94 1.81 0.00	39.10 1.43 0.00	37.63 1.24 0.00
INGHAM_C_115KV_TB7 356103	35.24 0.38 0.00	33.66 0.40 0.00	32.26 0.35 0.00	31.14 0.37 0.00	30.96 0.34 0.00	33.98 0.37 0.00	41.00 0.45 0.00	46.37 0.50 0.00	41.24 0.41 0.00	34.57 0.34 0.00	32.04 0.32 0.00	31.83 0.19 0.00	29.77 0.12 0.00	28.24 0.08 0.00	27.38 0.03 0.00	29.40 -0.09 0.00	31.93 -0.23 0.00	36.02 -0.25 0.00	43.87 -0.35 0.00	49.72 -0.45 0.00	48.87 -0.39 0.00	41.83 -0.29 0.00	37.44 -0.23 0.00	36.21 -0.18 0.00
IP CORINTH___1 23988	36.53 1.67 0.00	34.92 1.66 0.00	33.51 1.60 0.00	32.28 1.51 0.00	32.18 1.56 0.00	35.33 1.71 0.00	42.87 2.31 0.00	48.57 2.71 0.00	42.92 2.08 0.00	35.56 1.33 0.00	32.77 1.05 0.00	32.65 1.01 0.00	30.75 1.10 0.00	29.28 1.13 0.00	28.53 1.18 0.00	30.78 1.30 0.00	33.77 1.61 0.00	38.27 2.00 0.00	47.01 2.79 0.00	53.74 3.56 0.00	52.72 3.45 0.00	44.70 2.57 0.00	39.93 2.26 0.00	38.39 2.00 0.00

IP___TICONDEROGA 23804	37.30 2.44 0.00	35.69 2.43 0.00	34.21 2.30 0.00	32.96 2.18 0.00	32.83 2.20 0.00	36.17 2.55 0.00	43.96 3.41 0.00	49.77 3.90 0.00	43.73 2.90 0.00	36.08 1.85 0.00	33.09 1.36 0.00	33.00 1.36 0.00	31.14 1.48 0.00	29.67 1.52 0.00	28.91 1.56 0.00	31.23 1.74 0.00	34.31 2.15 0.00	39.07 2.79 0.00	48.16 3.94 0.00	55.39 5.22 0.00	54.34 5.07 0.00	45.92 3.79 0.00	41.02 3.35 0.00	39.37 2.98 0.00
ISLIP_RES_REC 323679	36.64 1.78 0.00	35.22 1.96 0.00	33.73 1.82 0.00	32.62 1.85 0.00	32.46 1.84 0.00	35.77 2.15 0.00	43.55 3.00 0.00	49.63 3.76 0.00	43.98 3.14 0.00	36.86 2.64 0.00	33.98 2.25 0.00	33.64 1.99 0.00	31.23 1.57 0.00	29.56 1.41 0.00	28.56 1.20 0.00	30.84 1.36 0.00	33.89 1.74 0.00	38.16 1.89 0.00	47.14 2.92 0.00	52.93 2.76 0.00	51.93 2.66 0.00	44.78 2.66 0.00	39.59 1.92 0.00	37.95 1.56 0.00
JAMAICA__27_KV_LOAD 355505	36.64 1.78 0.00	35.02 1.76 0.00	33.60 1.69 0.00	32.47 1.69 0.00	32.37 1.75 0.00	35.46 1.85 0.00	42.74 2.19 0.00	48.80 2.94 0.00	43.41 2.57 0.00	36.42 2.19 0.00	33.69 1.97 0.00	33.60 1.96 0.00	31.52 1.87 0.00	30.01 1.86 0.00	29.16 1.81 0.00	31.34 1.86 0.00	34.22 2.06 0.00	38.64 2.36 0.00	47.41 3.18 0.00	53.64 3.46 0.00	52.47 3.20 0.00	44.78 2.65 0.00	39.74 2.07 0.00	38.17 1.78 0.00
JANIS___SOLAR 323808	36.08 1.22 0.00	34.25 1.00 0.00	32.77 0.86 0.00	31.67 0.89 0.00	31.54 0.92 0.00	34.62 1.01 0.00	41.85 1.30 0.00	47.20 1.33 0.00	41.81 0.98 0.00	34.96 0.72 -0.01	32.40 0.67 -0.01	32.31 0.67 0.00	30.22 0.56 0.00	28.63 0.48 0.00	27.91 0.55 -0.01	30.19 0.71 0.00	33.97 0.71 -1.11	37.99 1.05 -0.66	45.82 1.46 -0.14	52.19 2.01 0.00	51.34 2.07 0.00	43.94 1.81 0.00	39.36 1.70 0.00	38.17 1.78 0.00
JARVIS____ 23743	34.97 0.10 0.00	33.36 0.10 0.00	32.01 0.10 0.00	30.90 0.12 0.00	30.74 0.12 0.00	33.72 0.10 0.00	40.68 0.12 0.00	46.01 0.14 0.00	40.96 0.12 0.00	34.33 0.10 0.00	31.82 0.10 0.00	31.71 0.06 0.00	29.72 0.06 0.00	28.21 0.06 0.00	27.41 0.05 0.00	29.58 0.09 0.00	32.26 0.10 0.00	36.42 0.15 0.00	44.40 0.18 0.00	50.33 0.15 0.00	49.41 0.15 0.00	42.25 0.13 0.00	37.78 0.11 0.00	36.46 0.07 0.00
JENNISON___1 23625	36.15 1.29 0.00	34.29 1.03 0.00	32.80 0.89 0.00	31.67 0.89 0.00	31.54 0.92 0.00	34.62 1.01 0.00	41.85 1.30 0.00	47.24 1.38 0.00	41.94 1.10 0.00	35.12 0.89 0.00	32.58 0.86 0.00	32.56 0.92 0.00	30.46 0.80 0.00	28.86 0.70 0.00	27.98 0.63 0.00	30.31 0.83 0.00	32.83 0.68 0.00	37.26 0.98 0.00	45.46 1.24 0.00	51.93 1.76 0.00	51.19 1.92 0.00	43.81 1.69 0.00	39.17 1.51 0.00	37.99 1.60 0.00
JENNISON___2 23626	36.15 1.29 0.00	34.29 1.03 0.00	32.80 0.89 0.00	31.67 0.89 0.00	31.54 0.92 0.00	34.62 1.01 0.00	41.85 1.30 0.00	47.24 1.38 0.00	41.94 1.10 0.00	35.12 0.89 0.00	32.58 0.86 0.00	32.56 0.92 0.00	30.46 0.80 0.00	28.86 0.70 0.00	27.98 0.63 0.00	30.31 0.83 0.00	32.83 0.68 0.00	37.26 0.98 0.00	45.46 1.24 0.00	51.93 1.76 0.00	51.19 1.92 0.00	43.81 1.69 0.00	39.17 1.51 0.00	37.99 1.60 0.00
JERICHO_RISE_WT_PWR 323719	33.92 -0.94 0.00	32.33 -0.93 0.00	31.08 -0.83 0.00	29.79 -0.99 0.00	29.55 -1.07 0.00	32.61 -1.01 0.00	39.50 -1.05 0.00	44.72 -1.14 0.00	39.81 -1.02 0.00	33.37 -0.85 0.00	30.90 -0.83 0.00	30.98 -0.67 0.00	28.97 -0.68 0.00	27.51 -0.65 0.00	26.64 -0.71 0.00	28.63 -0.86 0.00	30.87 -1.29 0.00	-8.49 -1.49 43.28	-8.78 -1.82 51.18	-8.86 -1.91 57.13	-9.10 -1.82 56.54	-8.76 -1.56 49.33	-8.46 -1.43 44.69	-8.12 -1.31 43.20
KATONAH___115KV_46KV_TB4 355592	36.57 1.71 0.00	34.95 1.70 0.00	33.54 1.63 0.00	32.40 1.63 0.00	32.24 1.62 0.00	35.36 1.75 0.00	42.58 2.03 0.00	48.53 2.66 0.00	43.16 2.33 0.00	36.14 1.92 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.17 1.51 0.00	29.64 1.49 0.00	28.83 1.48 0.00	31.05 1.56 0.00	33.86 1.70 0.00	38.31 2.03 0.00	47.01 2.79 0.00	53.23 3.06 0.00	52.17 2.91 0.00	44.49 2.36 0.00	39.59 1.92 0.00	38.06 1.67 0.00
KCE_NY_1 323755	36.36 1.50 0.00	34.79 1.53 0.00	33.38 1.47 0.00	32.19 1.42 0.00	32.06 1.44 0.00	35.16 1.55 0.00	42.46 1.91 0.00	47.93 2.07 0.00	42.55 1.71 0.00	35.46 1.23 0.00	32.74 1.01 0.00	32.65 1.01 0.00	30.66 1.01 0.00	29.16 1.01 0.00	28.37 1.01 0.00	30.61 1.12 0.00	33.48 1.32 0.00	37.91 1.63 0.00	46.39 2.17 0.00	52.73 2.56 0.00	51.73 2.46 0.00	44.06 1.94 0.00	39.36 1.70 0.00	37.88 1.49 0.00
KCE_NY_6_ESR 323823	32.60 -2.27 0.00	30.76 -2.49 0.00	29.52 -2.39 0.00	28.62 -2.15 0.00	28.42 -2.21 0.00	31.03 -2.59 0.00	37.59 -2.96 0.00	42.24 -3.62 0.00	38.06 -2.78 0.00	31.98 -2.22 0.02	29.86 -1.84 0.02	29.87 -1.77 0.00	28.00 -1.66 0.00	26.21 -1.94 0.00	25.55 -1.78 0.02	27.54 -1.95 0.00	26.96 -2.45 2.76	31.96 -2.68 1.64	40.30 -3.58 0.35	47.06 -3.11 0.01	46.56 -2.71 0.00	40.27 -1.85 0.00	36.61 -1.05 0.00	36.35 -0.04 0.00
KEDC_PORT_JEFF_GT2 24210	36.57 1.71 0.00	35.15 1.89 0.00	33.66 1.75 0.00	32.56 1.78 0.00	32.40 1.78 0.00	35.70 2.08 0.00	43.43 2.88 0.00	49.54 3.67 0.00	43.90 3.06 0.00	36.80 2.57 0.00	33.91 2.19 0.00	33.57 1.93 0.00	31.20 1.54 0.00	29.53 1.38 0.00	28.53 1.18 0.00	30.84 1.36 0.00	33.86 1.70 0.00	38.13 1.85 0.00	47.06 2.83 0.00	52.83 2.66 0.00	51.78 2.51 0.00	44.70 2.57 0.00	39.51 1.85 0.00	37.92 1.53 0.00
KEDC_PORT_JEFF_GT3 24211	36.57 1.71 0.00	35.15 1.89 0.00	33.66 1.75 0.00	32.56 1.78 0.00	32.40 1.78 0.00	35.70 2.08 0.00	43.43 2.88 0.00	49.54 3.67 0.00	43.90 3.06 0.00	36.80 2.57 0.00	33.91 2.19 0.00	33.57 1.93 0.00	31.20 1.54 0.00	29.53 1.38 0.00	28.53 1.18 0.00	30.84 1.36 0.00	33.86 1.70 0.00	38.13 1.85 0.00	47.06 2.83 0.00	52.83 2.66 0.00	51.78 2.51 0.00	44.70 2.57 0.00	39.51 1.85 0.00	37.92 1.53 0.00
KEDC_GLWD_GT4 24219	36.67 1.81 0.00	35.09 1.83 0.00	33.63 1.72 0.00	32.50 1.72 0.00	32.33 1.71 0.00	35.50 1.88 0.00	42.99 2.43 0.00	48.94 3.07 0.00	43.45 2.62 0.00	36.42 2.19 0.00	33.66 1.94 0.00	33.51 1.87 0.00	31.29 1.63 0.00	29.70 1.55 0.00	28.80 1.45 0.00	31.08 1.59 0.00	33.99 1.83 0.00	38.34 2.07 0.00	47.14 2.92 0.00	53.08 2.91 0.00	52.02 2.76 0.00	44.74 2.61 0.00	39.66 2.00 0.00	38.06 1.67 0.00
KEDC_GLWD_GT5 24220	36.67 1.81 0.00	35.09 1.83 0.00	33.63 1.72 0.00	32.50 1.72 0.00	32.33 1.71 0.00	35.50 1.88 0.00	42.99 2.43 0.00	48.94 3.07 0.00	43.45 2.62 0.00	36.42 2.19 0.00	33.66 1.94 0.00	33.51 1.87 0.00	31.29 1.63 0.00	29.70 1.55 0.00	28.80 1.45 0.00	31.08 1.59 0.00	33.99 1.83 0.00	38.34 2.07 0.00	47.14 2.92 0.00	53.08 2.91 0.00	52.02 2.76 0.00	44.74 2.61 0.00	39.66 2.00 0.00	38.06 1.67 0.00

KENSICO____ 23655	36.33 1.46 0.00	34.72 1.46 0.00	33.31 1.40 0.00	32.22 1.45 0.00	32.06 1.44 0.00	35.13 1.51 0.00	42.34 1.78 0.00	48.16 2.29 0.00	42.88 2.04 0.00	35.91 1.68 0.00	33.22 1.49 0.00	33.13 1.49 0.00	31.05 1.39 0.00	29.50 1.35 0.00	28.69 1.34 0.00	30.87 1.39 0.00	33.67 1.51 0.00	38.02 1.74 0.00	46.66 2.43 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.15 2.02 0.00	39.29 1.62 0.00	37.77 1.38 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.36 1.50 0.00	34.69 1.43 0.00	33.25 1.34 0.00	32.13 1.35 0.00	31.97 1.35 0.00	35.09 1.48 0.00	42.34 1.78 0.00	48.12 2.25 0.00	42.79 1.96 0.00	35.73 1.51 0.00	32.96 1.24 0.00	32.88 1.23 0.00	30.84 1.19 0.00	29.28 1.13 0.00	28.45 1.09 0.00	30.70 1.21 0.00	33.51 1.35 0.00	37.95 1.67 0.00	46.61 2.39 0.00	52.93 2.76 0.00	51.88 2.61 0.00	44.27 2.15 0.00	39.44 1.77 0.00	37.95 1.56 0.00
KIAC_JFK_GT1 23816	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.31 1.54 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.54 1.99 0.00	48.53 2.66 0.00	43.20 2.37 0.00	36.25 2.02 0.00	33.53 1.81 0.00	33.45 1.80 0.00	31.38 1.72 0.00	29.87 1.72 0.00	29.02 1.67 0.00	31.20 1.71 0.00	34.02 1.87 0.00	38.42 2.14 0.00	47.14 2.92 0.00	53.34 3.16 0.00	52.17 2.91 0.00	44.53 2.40 0.00	39.51 1.85 0.00	37.99 1.60 0.00
KIAC_JFK_GT2 23817	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.31 1.54 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.54 1.99 0.00	48.53 2.66 0.00	43.20 2.37 0.00	36.25 2.02 0.00	33.53 1.81 0.00	33.45 1.80 0.00	31.38 1.72 0.00	29.87 1.72 0.00	29.02 1.67 0.00	31.20 1.71 0.00	34.02 1.87 0.00	38.42 2.14 0.00	47.14 2.92 0.00	53.34 3.16 0.00	52.17 2.91 0.00	44.53 2.40 0.00	39.51 1.85 0.00	37.99 1.60 0.00
KIAC_JFK____ 323774	36.39 1.53 0.00	34.92 1.66 0.00	33.44 1.53 0.00	32.31 1.54 0.00	32.18 1.56 0.00	35.26 1.65 0.00	42.54 1.99 0.00	48.48 2.61 0.00	43.16 2.33 0.00	36.25 2.02 0.00	33.53 1.81 0.00	33.44 1.80 0.00	31.38 1.72 0.00	29.87 1.72 0.00	28.97 1.61 0.00	31.20 1.71 0.00	34.02 1.86 0.00	38.49 2.21 0.00	47.14 2.92 0.00	53.29 3.11 0.00	52.12 2.86 0.00	44.53 2.40 0.00	39.48 1.81 0.00	37.88 1.49 0.00
KINTIGH____ 23543	32.21 -2.65 0.00	30.60 -2.66 0.00	29.23 -2.68 0.00	28.28 -2.49 0.00	28.14 -2.48 0.00	30.76 -2.86 0.00	37.19 -3.37 0.00	41.83 -4.04 0.00	37.57 -3.27 0.00	31.92 -2.29 0.02	29.77 -1.94 0.02	29.52 -2.12 0.00	27.67 -1.99 0.00	26.01 -2.14 0.00	25.42 -1.91 0.02	27.33 -2.15 0.00	27.88 -1.77 2.51	32.75 -2.03 1.49	41.12 -2.79 0.32	46.45 -3.71 0.01	45.87 -3.40 0.00	39.56 -2.57 0.00	35.82 -1.85 0.00	35.12 -1.27 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.95 -0.91 0.00	32.39 -0.86 0.00	31.21 -0.70 0.00	29.91 -0.86 0.00	29.64 -0.98 0.00	32.74 -0.87 0.00	39.66 -0.89 0.00	45.00 -0.87 0.00	40.10 -0.74 0.00	33.68 -0.55 0.00	31.15 -0.57 0.00	31.45 -0.19 0.00	29.36 -0.30 0.00	27.87 -0.28 0.00	26.94 -0.41 0.00	28.96 -0.53 0.00	30.94 -1.22 0.00	-6.39 -1.38 41.29	-6.29 -1.68 48.83	-6.09 -1.76 54.51	-6.16 -1.48 53.95	-6.24 -1.31 47.06	-6.25 -1.28 42.64	-6.10 -1.27 41.21
LACHUTE____HYDRO 323717	37.30 2.44 0.00	35.68 2.43 0.00	34.21 2.30 0.00	32.96 2.19 0.00	32.83 2.21 0.00	36.14 2.52 0.00	43.96 3.41 0.00	49.76 3.90 0.00	43.69 2.86 0.00	36.08 1.85 0.00	33.09 1.36 0.00	33.00 1.36 0.00	31.14 1.48 0.00	29.67 1.52 0.00	28.91 1.56 0.00	31.20 1.71 0.00	34.31 2.15 0.00	39.11 2.83 0.00	48.16 3.93 0.00	55.39 5.22 0.00	54.34 5.08 0.00	45.92 3.79 0.00	41.02 3.35 0.00	39.37 2.98 0.00
LAWRNCV_115KV_TB1 80681	34.23 -0.63 0.00	32.56 -0.70 0.00	31.27 -0.64 0.00	30.00 -0.77 0.00	29.79 -0.83 0.00	32.94 -0.67 0.00	39.82 -0.73 0.00	45.00 -0.87 0.00	39.98 -0.86 0.00	33.44 -0.79 0.00	30.93 -0.79 0.00	30.95 -0.70 0.00	28.97 -0.68 0.00	27.59 -0.56 0.00	26.72 -0.63 0.00	28.81 -0.68 0.00	31.26 -0.90 0.00	40.50 -1.02 -5.23	49.22 -1.19 -6.19	55.93 -1.15 -6.91	55.12 -0.99 -6.84	47.25 -0.84 -5.97	42.32 -0.75 -5.40	40.96 -0.66 -5.22
LEDERLE____ 23769	36.26 1.39 0.00	34.62 1.36 0.00	33.22 1.31 0.00	32.10 1.32 0.00	31.94 1.32 0.00	35.09 1.48 0.00	42.34 1.78 0.00	48.12 2.25 0.00	42.88 2.04 0.00	35.87 1.64 0.00	33.19 1.46 0.00	33.07 1.42 0.00	31.02 1.36 0.00	29.45 1.30 0.00	28.64 1.29 0.00	30.84 1.36 0.00	33.54 1.38 0.00	37.91 1.63 0.00	46.48 2.26 0.00	52.68 2.51 0.00	51.58 2.32 0.00	44.06 1.94 0.00	39.21 1.54 0.00	37.74 1.35 0.00
LIGHTRSE_115KV_TB6 355974	34.44 -0.42 0.00	32.83 -0.43 0.00	31.43 -0.48 0.00	30.34 -0.43 0.00	30.22 -0.40 0.00	33.18 -0.44 0.00	40.07 -0.49 0.00	45.23 -0.64 0.00	40.22 -0.61 0.00	33.71 -0.51 0.00	31.28 -0.44 0.00	31.17 -0.47 0.00	29.21 -0.44 0.00	27.67 -0.48 0.00	26.94 -0.41 0.00	29.07 -0.41 0.00	31.81 -0.35 0.00	35.99 -0.29 0.00	43.83 -0.40 0.00	49.82 -0.35 0.00	49.02 -0.25 0.00	41.92 -0.21 0.00	37.48 -0.19 0.00	36.24 -0.15 0.00
LINDEN COGEN____ 23786	36.19 1.32 0.00	34.65 1.40 0.00	33.22 1.31 0.00	32.10 1.32 0.00	32.00 1.38 0.00	34.99 1.38 0.00	42.26 1.70 0.00	48.16 2.29 0.00	42.79 1.96 0.00	35.87 1.64 0.00	33.28 1.55 0.00	33.16 1.52 0.00	31.11 1.45 0.00	29.59 1.43 0.00	28.72 1.37 0.00	30.93 1.44 0.00	33.67 1.51 0.00	38.09 1.81 0.00	46.65 2.43 0.00	52.73 2.56 0.00	51.58 2.32 0.00	44.06 1.94 0.00	39.13 1.47 0.00	37.59 1.20 0.00
LINDHRST_69_KV_BK1 356055	36.81 1.95 0.00	35.02 1.76 0.00	33.76 1.85 0.00	32.74 1.97 0.00	32.61 1.99 0.00	35.87 2.25 0.00	43.31 2.76 0.00	49.31 3.44 0.00	43.90 3.06 0.00	36.66 2.43 0.00	33.88 2.16 0.00	33.64 1.99 0.00	31.35 1.69 0.00	29.76 1.60 0.00	28.89 1.53 0.00	31.08 1.59 0.00	34.09 1.93 0.00	38.35 2.07 0.00	47.32 3.10 0.00	53.29 3.11 0.00	52.22 2.96 0.00	44.95 2.82 0.00	39.93 2.26 0.00	38.25 1.86 0.00
LIPA_MISC_IPP 23656	36.22 1.36 0.00	34.42 1.16 0.00	33.41 1.50 0.00	32.53 1.75 0.00	32.43 1.81 0.00	35.70 2.08 0.00	43.27 2.72 0.00	49.22 3.35 0.00	43.82 2.98 0.00	36.59 2.36 0.00	33.76 2.03 0.00	33.38 1.74 0.00	30.93 1.28 0.00	29.28 1.13 0.00	28.37 1.01 0.00	30.52 1.03 0.00	33.51 1.35 0.00	37.66 1.38 0.00	46.52 2.30 0.00	52.28 2.11 0.00	51.24 1.97 0.00	44.23 2.11 0.00	39.25 1.58 0.00	37.55 1.16 0.00
LISF____SOLAR 323691	36.26 1.40 0.00	34.92 1.66 0.00	33.47 1.56 0.00	32.37 1.60 0.00	32.18 1.56 0.00	35.53 1.92 0.00	43.35 2.80 0.00	49.40 3.53 0.00	43.78 2.94 0.00	36.69 2.47 0.00	33.82 2.09 0.00	33.41 1.77 0.00	30.99 1.34 0.00	29.28 1.13 0.00	28.26 0.90 0.00	30.52 1.03 0.00	33.51 1.35 0.00	37.73 1.45 0.00	46.61 2.39 0.00	52.33 2.16 0.00	51.29 2.02 0.00	44.23 2.11 0.00	39.10 1.43 0.00	37.52 1.13 0.00

LITTLE FALLS___HYD 24013	35.24 0.38 0.00	33.66 0.40 0.00	32.26 0.35 0.00	31.14 0.37 0.00	30.96 0.34 0.00	33.98 0.37 0.00	41.00 0.45 0.00	46.37 0.50 0.00	41.24 0.41 0.00	34.57 0.34 0.00	32.04 0.32 0.00	31.83 0.19 0.00	29.77 0.12 0.00	28.24 0.08 0.00	27.38 0.03 0.00	29.40 -0.09 0.00	31.93 -0.23 0.00	36.02 -0.25 0.00	43.87 -0.35 0.00	49.72 -0.45 0.00	48.87 -0.39 0.00	41.83 -0.29 0.00	37.44 -0.23 0.00	36.21 -0.18 0.00
LITTLRIV_115KV_TB1 356100	34.62 -0.24 0.00	32.93 -0.33 0.00	31.62 -0.29 0.00	30.31 -0.46 0.00	30.13 -0.49 0.00	33.35 -0.27 0.00	40.31 -0.24 0.00	45.50 -0.37 0.00	40.30 -0.53 0.00	33.65 -0.58 0.00	31.12 -0.60 0.00	31.14 -0.51 0.00	29.18 -0.47 0.00	27.76 -0.39 0.00	26.89 -0.47 0.00	29.02 -0.47 0.00	31.48 -0.68 0.00	41.38 -0.65 -5.76	50.32 -0.71 -6.81	57.22 -0.55 -7.60	56.49 -0.39 -7.52	48.39 -0.29 -6.56	43.35 -0.26 -5.94	41.95 -0.18 -5.75
LI_NEWBRDGE___DRP 323616	36.40 1.53 0.00	34.69 1.43 0.00	33.38 1.47 0.00	32.31 1.54 0.00	32.21 1.59 0.00	35.36 1.75 0.00	42.70 2.15 0.00	48.57 2.71 0.00	43.24 2.41 0.00	36.14 1.92 0.00	33.44 1.71 0.00	33.26 1.61 0.00	31.05 1.39 0.00	29.48 1.32 0.00	28.64 1.29 0.00	30.81 1.33 0.00	33.74 1.58 0.00	37.98 1.71 0.00	46.74 2.52 0.00	52.63 2.46 0.00	51.53 2.27 0.00	44.36 2.23 0.00	39.40 1.73 0.00	37.81 1.42 0.00
LOCKPORT_115KV_TB60_63_64 80432	31.79 -3.07 0.00	30.17 -3.09 0.00	28.78 -3.13 0.00	27.91 -2.86 0.00	27.74 -2.88 0.00	30.29 -3.33 0.00	36.66 -3.89 0.00	41.14 -4.72 0.00	37.00 -3.84 0.00	31.39 -2.81 0.03	29.29 -2.41 0.03	29.14 -2.50 0.00	27.31 -2.34 0.00	25.59 -2.56 0.00	24.81 -2.52 0.03	26.89 -2.59 0.00	25.88 -2.51 3.77	31.17 -2.87 2.24	39.95 -3.80 0.47	45.85 -4.31 0.01	45.37 -3.89 0.00	39.22 -2.91 0.00	35.60 -2.07 0.00	35.08 -1.31 0.00
LOCKPORT___CC1 323769	31.90 -2.96 0.00	30.07 -3.19 0.00	28.88 -3.03 0.00	28.00 -2.77 0.00	27.83 -2.79 0.00	30.39 -3.23 0.00	36.70 -3.85 0.00	41.24 -4.63 0.00	37.12 -3.72 0.00	31.35 -2.84 0.04	29.31 -2.38 0.04	29.14 -2.50 0.00	27.34 -2.31 0.00	25.59 -2.56 0.00	24.99 -2.33 0.04	26.92 -2.57 0.00	25.13 -2.51 4.52	30.83 -2.76 2.69	39.94 -3.71 0.57	45.90 -4.26 0.01	45.42 -3.84 0.00	39.30 -2.82 0.00	35.75 -1.92 0.00	35.44 -0.95 0.00
LOCKPORT___CC2 323770	31.90 -2.96 0.00	30.07 -3.19 0.00	28.88 -3.03 0.00	28.00 -2.77 0.00	27.83 -2.79 0.00	30.39 -3.23 0.00	36.70 -3.85 0.00	41.24 -4.63 0.00	37.12 -3.72 0.00	31.35 -2.84 0.04	29.31 -2.38 0.04	29.14 -2.50 0.00	27.34 -2.31 0.00	25.59 -2.56 0.00	24.99 -2.33 0.04	26.92 -2.57 0.00	25.13 -2.51 4.52	30.83 -2.76 2.69	39.94 -3.71 0.57	45.90 -4.26 0.01	45.42 -3.84 0.00	39.30 -2.82 0.00	35.75 -1.92 0.00	35.44 -0.95 0.00
LOCKPORT___CC3 323771	31.90 -2.96 0.00	30.07 -3.19 0.00	28.88 -3.03 0.00	28.00 -2.77 0.00	27.83 -2.79 0.00	30.39 -3.23 0.00	36.70 -3.85 0.00	41.24 -4.63 0.00	37.12 -3.72 0.00	31.35 -2.84 0.04	29.31 -2.38 0.04	29.14 -2.50 0.00	27.34 -2.31 0.00	25.59 -2.56 0.00	24.99 -2.33 0.04	26.92 -2.57 0.00	25.13 -2.51 4.52	30.83 -2.76 2.69	39.94 -3.71 0.57	45.90 -4.26 0.01	45.42 -3.84 0.00	39.30 -2.82 0.00	35.75 -1.92 0.00	35.44 -0.95 0.00
LONG_LAKE_PHOENIX 24014	34.30 -0.56 0.00	32.69 -0.57 0.00	31.34 -0.57 0.00	30.28 -0.49 0.00	30.13 -0.49 0.00	33.01 -0.61 0.00	39.86 -0.69 0.00	45.00 -0.87 0.00	40.10 -0.74 0.00	33.71 -0.51 0.00	31.31 -0.41 0.00	31.20 -0.44 0.00	29.24 -0.42 0.00	27.70 -0.45 0.00	26.97 -0.38 0.00	29.10 -0.38 0.00	31.77 -0.39 0.00	35.81 -0.47 0.00	43.56 -0.66 0.00	49.42 -0.75 0.00	48.53 -0.74 0.00	41.49 -0.63 0.00	37.18 -0.49 0.00	35.95 -0.44 0.00
LOVETT___3 23632	36.12 1.26 0.00	34.49 1.23 0.00	33.09 1.18 0.00	32.00 1.23 0.00	31.85 1.22 0.00	34.86 1.24 0.00	42.05 1.50 0.00	47.84 1.97 0.00	42.59 1.76 0.00	35.67 1.44 0.00	32.99 1.27 0.00	32.88 1.23 0.00	30.81 1.16 0.00	29.28 1.13 0.00	28.48 1.12 0.00	30.64 1.15 0.00	33.45 1.29 0.00	37.77 1.49 0.00	46.30 2.08 0.00	52.43 2.26 0.00	51.34 2.07 0.00	43.90 1.77 0.00	39.02 1.36 0.00	37.55 1.16 0.00
LOVETT___4 23642	36.12 1.26 0.00	34.49 1.23 0.00	33.09 1.18 0.00	32.00 1.23 0.00	31.85 1.22 0.00	34.86 1.24 0.00	42.05 1.50 0.00	47.84 1.97 0.00	42.59 1.76 0.00	35.67 1.44 0.00	32.99 1.27 0.00	32.88 1.23 0.00	30.81 1.16 0.00	29.28 1.13 0.00	28.48 1.12 0.00	30.64 1.15 0.00	33.45 1.29 0.00	37.77 1.49 0.00	46.30 2.08 0.00	52.43 2.26 0.00	51.34 2.07 0.00	43.90 1.77 0.00	39.02 1.36 0.00	37.55 1.16 0.00
LOVETT___5 23593	36.12 1.26 0.00	34.49 1.23 0.00	33.09 1.18 0.00	32.00 1.23 0.00	31.85 1.22 0.00	34.86 1.24 0.00	42.05 1.50 0.00	47.84 1.97 0.00	42.59 1.76 0.00	35.67 1.44 0.00	32.99 1.27 0.00	32.88 1.23 0.00	30.81 1.16 0.00	29.28 1.13 0.00	28.48 1.12 0.00	30.64 1.15 0.00	33.45 1.29 0.00	37.77 1.49 0.00	46.30 2.08 0.00	52.43 2.26 0.00	51.34 2.07 0.00	43.90 1.77 0.00	39.02 1.36 0.00	37.55 1.16 0.00
LOWER RAQUET___HYD 24057	34.06 -0.80 0.00	32.43 -0.83 0.00	31.11 -0.80 0.00	29.88 -0.89 0.00	29.67 -0.95 0.00	32.81 -0.81 0.00	39.66 -0.89 0.00	44.81 -1.05 0.00	39.81 -1.02 0.00	33.27 -0.96 0.00	30.77 -0.95 0.00	30.79 -0.85 0.00	28.86 -0.80 0.00	27.45 -0.70 0.00	26.62 -0.74 0.00	28.66 -0.83 0.00	31.10 -1.06 0.00	41.36 -1.16 -6.25	50.24 -1.37 -7.39	57.07 -1.35 -8.25	56.30 -1.13 -8.16	48.28 -0.97 -7.12	43.22 -0.90 -6.45	41.83 -0.80 -6.24
LOWER___HUDSON 24059	35.98 1.12 0.00	34.45 1.20 0.00	33.09 1.18 0.00	31.91 1.14 0.00	31.78 1.16 0.00	34.82 1.21 0.00	41.97 1.42 0.00	47.43 1.56 0.00	42.18 1.35 0.00	35.25 1.03 0.00	32.58 0.86 0.00	32.46 0.82 0.00	30.43 0.77 0.00	28.97 0.82 0.00	28.12 0.76 0.00	30.34 0.86 0.00	33.22 1.06 0.00	37.58 1.30 0.00	45.86 1.64 0.00	51.98 1.80 0.00	50.99 1.72 0.00	43.47 1.35 0.00	38.80 1.13 0.00	37.33 0.94 0.00
LOWVILLE_115KV_TB2 356335	34.86 0.00 0.00	33.19 -0.07 0.00	31.81 -0.10 0.00	30.65 -0.12 0.00	30.53 -0.09 0.00	33.61 0.00 0.00	40.63 0.08 0.00	45.87 0.00 0.00	40.67 -0.16 0.00	33.95 -0.27 0.00	31.44 -0.29 0.00	31.33 -0.32 0.00	29.33 -0.33 0.00	27.84 -0.31 0.00	27.08 -0.27 0.00	29.25 -0.24 0.00	31.90 -0.26 0.00	38.03 -0.04 -1.79	46.42 0.09 -2.11	52.83 0.30 -2.36	52.14 0.54 -2.33	44.58 0.42 -2.04	39.81 0.30 -1.84	38.46 0.29 -1.78
LUTHERFT_115KV_GLOB_FND_222 355753	36.33 1.46 0.00	34.75 1.50 0.00	33.35 1.44 0.00	32.19 1.42 0.00	32.03 1.41 0.00	35.16 1.55 0.00	42.46 1.91 0.00	47.93 2.06 0.00	42.55 1.72 0.00	35.46 1.23 0.00	32.74 1.02 0.00	32.62 0.98 0.00	30.63 0.98 0.00	29.17 1.01 0.00	28.37 1.01 0.00	30.61 1.12 0.00	33.48 1.32 0.00	37.87 1.60 0.00	46.35 2.12 0.00	52.73 2.56 0.00	51.73 2.46 0.00	44.02 1.90 0.00	39.36 1.70 0.00	37.88 1.49 0.00

LUTHERNY_35_KV_BK2 355980	36.36 1.50 0.00	34.79 1.53 0.00	33.38 1.47 0.00	32.19 1.42 0.00	32.06 1.44 0.00	35.19 1.58 0.00	42.46 1.91 0.00	47.98 2.11 0.00	42.55 1.72 0.00	35.46 1.23 0.00	32.74 1.02 0.00	32.65 1.01 0.00	30.66 1.01 0.00	29.17 1.01 0.00	28.39 1.04 0.00	30.61 1.12 0.00	33.51 1.35 0.00	37.87 1.60 0.00	46.39 2.17 0.00	52.73 2.56 0.00	51.73 2.46 0.00	44.06 1.94 0.00	39.36 1.70 0.00	37.88 1.49 0.00
LWR___OSWEGATCHIE_HYD 23850	34.16 -0.70 0.00	32.53 -0.73 0.00	31.18 -0.73 0.00	30.00 -0.77 0.00	29.82 -0.80 0.00	32.94 -0.67 0.00	39.82 -0.73 0.00	44.95 -0.92 0.00	39.85 -0.98 0.00	33.30 -0.92 0.00	30.81 -0.92 0.00	30.76 -0.89 0.00	28.83 -0.83 0.00	27.39 -0.76 0.00	26.59 -0.77 0.00	28.69 -0.80 0.00	31.23 -0.93 0.00	39.65 -0.87 -4.24	48.22 -1.02 -5.02	54.87 -0.90 -5.60	54.17 -0.64 -5.54	46.37 -0.59 -4.83	41.45 -0.60 -4.38	40.08 -0.55 -4.23
LYONS_FALL_HYD 23570	35.11 0.25 0.00	33.43 0.17 0.00	32.04 0.13 0.00	30.90 0.12 0.00	30.77 0.15 0.00	33.85 0.24 0.00	40.88 0.32 0.00	46.19 0.32 0.00	41.00 0.16 0.00	34.30 0.07 0.00	31.76 0.03 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.15 0.00 0.00	27.35 0.00 0.00	29.55 0.06 0.00	32.22 0.06 0.00	37.72 0.26 -1.19	45.98 0.35 -1.40	52.34 0.60 -1.57	51.60 0.79 -1.55	44.11 0.63 -1.35	39.38 0.49 -1.22	38.05 0.47 -1.18
MADISON___COUNTY_LFGE 323628	35.56 0.70 0.00	33.89 0.63 0.00	32.48 0.57 0.00	31.36 0.58 0.00	31.23 0.61 0.00	34.29 0.67 0.00	41.41 0.85 0.00	46.74 0.87 0.00	41.57 0.74 0.00	34.81 0.58 0.00	32.27 0.54 0.00	32.21 0.57 0.00	30.16 0.50 0.00	28.57 0.42 0.00	27.79 0.44 0.00	30.02 0.53 0.00	32.74 0.58 0.00	37.04 0.76 0.00	45.20 0.97 0.00	51.38 1.20 0.00	50.55 1.28 0.00	43.22 1.10 0.00	38.65 0.98 0.00	37.34 0.95 0.00
MALONE___115KV_TB1 356076	34.30 -0.56 0.00	32.66 -0.60 0.00	31.40 -0.51 0.00	30.10 -0.68 0.00	29.82 -0.80 0.00	32.98 -0.64 0.00	39.95 -0.61 0.00	45.27 -0.60 0.00	40.30 -0.53 0.00	33.75 -0.48 0.00	31.22 -0.51 0.00	31.29 -0.35 0.00	29.30 -0.36 0.00	27.87 -0.28 0.00	26.94 -0.41 0.00	29.02 -0.47 0.00	31.32 -0.84 0.00	62.14 -0.98 -26.84	74.77 -1.19 -31.74	84.50 -1.10 -35.43	83.40 -0.94 -35.07	71.88 -0.84 -30.59	64.59 -0.79 -27.72	62.49 -0.69 -26.79
MAPLEWOD_115KV_TB3 80458	35.73 0.87 0.00	34.22 0.96 0.00	32.93 1.02 0.00	31.79 1.02 0.00	31.63 1.01 0.00	34.62 1.01 0.00	41.65 1.09 0.00	47.11 1.24 0.00	41.90 1.06 0.00	35.08 0.86 0.00	32.49 0.76 0.00	32.37 0.73 0.00	30.34 0.68 0.00	28.86 0.70 0.00	28.07 0.71 0.00	30.25 0.77 0.00	33.06 0.90 0.00	37.33 1.05 0.00	45.55 1.33 0.00	51.68 1.51 0.00	50.70 1.43 0.00	43.22 1.10 0.00	38.61 0.94 0.00	37.19 0.80 0.00
MAPLE_RIDGE_WT_1 323574	34.20 -0.66 0.00	32.63 -0.63 0.00	31.24 -0.67 0.00	30.00 -0.77 0.00	29.82 -0.80 0.00	32.74 -0.87 0.00	39.50 -1.05 0.00	44.72 -1.14 0.00	39.81 -1.02 0.00	33.44 -0.79 0.00	31.00 -0.73 0.00	30.95 -0.70 0.00	28.97 -0.68 0.00	27.53 -0.62 0.00	26.70 -0.66 0.00	28.75 -0.74 0.00	31.29 -0.87 0.00	35.30 -0.98 0.00	43.07 -1.15 0.00	48.87 -1.30 0.00	48.04 -1.23 0.00	41.11 -1.01 0.00	36.84 -0.83 0.00	35.66 -0.73 0.00
MAPLE_RIDGE_WT_2 323611	34.20 -0.66 0.00	32.63 -0.63 0.00	31.24 -0.67 0.00	30.00 -0.77 0.00	29.82 -0.80 0.00	32.74 -0.87 0.00	39.50 -1.05 0.00	44.72 -1.14 0.00	39.81 -1.02 0.00	33.44 -0.79 0.00	31.00 -0.73 0.00	30.95 -0.70 0.00	28.97 -0.68 0.00	27.53 -0.62 0.00	26.70 -0.66 0.00	28.75 -0.74 0.00	31.29 -0.87 0.00	35.30 -0.98 0.00	43.07 -1.15 0.00	48.87 -1.30 0.00	48.04 -1.23 0.00	41.11 -1.01 0.00	36.84 -0.83 0.00	35.66 -0.73 0.00
MARBLE_RIVER_WT_PWR 323696	33.15 -1.71 0.00	31.70 -1.56 0.00	30.57 -1.34 0.00	29.33 -1.45 0.00	29.03 -1.59 0.00	32.07 -1.55 0.00	38.85 -1.70 0.00	44.12 -1.74 0.00	39.32 -1.51 0.00	33.06 -1.16 0.00	30.58 -1.14 0.00	30.95 -0.70 0.00	28.83 -0.83 0.00	27.33 -0.82 0.00	26.45 -0.90 0.00	28.34 -1.15 0.00	30.13 -2.03 0.00	-7.00 -2.36 40.92	-7.00 -2.83 48.39	-7.00 -3.16 54.01	-7.00 -2.81 53.46	-7.00 -2.49 46.64	-7.00 -2.41 42.26	-7.00 -2.55 40.84
MARSHVLE_115KV_TB1 80742	36.33 1.46 0.00	34.62 1.36 0.00	33.19 1.28 0.00	32.00 1.23 0.00	31.88 1.26 0.00	35.09 1.48 0.00	42.42 1.87 0.00	47.75 1.88 0.00	41.98 1.14 0.00	34.84 0.62 0.00	32.07 0.35 0.00	31.86 0.22 0.00	30.04 0.39 0.00	28.57 0.42 0.00	27.74 0.38 0.00	30.03 0.53 0.00	33.00 0.84 0.00	37.69 1.41 0.00	46.39 2.17 0.00	53.08 2.91 0.00	52.12 2.86 0.00	44.32 2.19 0.00	39.59 1.92 0.00	38.10 1.71 0.00
MARSH_HILL_WT_PWR 323713	33.08 -1.78 0.00	31.10 -2.16 0.00	29.74 -2.17 0.00	28.80 -1.97 0.00	28.72 -1.90 0.00	31.43 -2.18 0.00	38.04 -2.51 0.00	42.84 -3.03 0.00	38.22 -2.61 0.00	32.02 -2.33 -0.12	29.94 -1.90 -0.12	29.74 -1.90 0.00	27.97 -1.69 0.00	26.29 -1.86 0.00	25.78 -1.70 -0.12	27.66 -1.83 0.00	45.48 -2.25 -15.57	43.25 -2.28 -9.26	43.62 -2.57 -1.96	48.01 -2.21 -0.04	47.39 -1.87 0.00	40.57 -1.56 0.00	36.61 -1.05 0.00	35.95 -0.44 0.00
MCINTYRE_115KV_TB2 80467	35.00 0.14 0.00	33.29 0.03 0.00	31.97 0.06 0.00	30.65 -0.12 0.00	30.47 -0.15 0.00	33.72 0.10 0.00	40.76 0.20 0.00	45.96 0.09 0.00	40.67 -0.16 0.00	33.92 -0.31 0.00	31.35 -0.38 0.00	31.36 -0.28 0.00	29.39 -0.27 0.00	27.98 -0.17 0.00	27.11 -0.25 0.00	29.28 -0.21 0.00	31.77 -0.39 0.00	40.95 -0.29 -4.97	49.83 -0.27 -5.87	56.73 0.00 -6.56	56.00 0.25 -6.49	48.00 0.21 -5.66	42.95 0.15 -5.13	41.60 0.25 -4.96
MECO_____69_KV_BK1 80468	36.95 2.09 0.00	35.25 2.00 0.00	33.76 1.85 0.00	32.56 1.78 0.00	32.43 1.81 0.00	35.70 2.08 0.00	43.19 2.64 0.00	48.62 2.75 0.00	42.84 2.00 0.00	35.56 1.33 0.00	32.74 1.02 0.00	32.59 0.95 0.00	30.63 0.98 0.00	29.14 0.99 0.00	28.31 0.96 0.00	30.61 1.12 0.00	33.61 1.45 0.00	38.35 2.07 0.00	47.14 2.92 0.00	53.99 3.81 0.00	53.01 3.74 0.00	45.03 2.91 0.00	40.23 2.56 0.00	38.76 2.37 0.00
MENANDS___115KV_TB5 355628	35.63 0.77 0.00	34.12 0.86 0.00	32.84 0.93 0.00	31.70 0.92 0.00	31.57 0.95 0.00	34.52 0.91 0.00	41.53 0.97 0.00	46.92 1.05 0.00	41.77 0.94 0.00	34.98 0.75 0.00	32.42 0.70 0.00	32.31 0.66 0.00	30.28 0.62 0.00	28.80 0.65 0.00	28.01 0.66 0.00	30.17 0.68 0.00	32.96 0.80 0.00	37.22 0.94 0.00	45.37 1.15 0.00	51.43 1.25 0.00	50.45 1.18 0.00	43.05 0.93 0.00	38.46 0.79 0.00	37.01 0.62 0.00
MG INDUSTRY___DRP 24185	35.66 0.80 0.00	34.12 0.86 0.00	32.84 0.93 0.00	31.70 0.92 0.00	31.54 0.92 0.00	34.52 0.91 0.00	41.57 1.01 0.00	46.97 1.10 0.00	41.65 0.82 0.00	34.84 0.62 0.00	32.23 0.51 0.00	32.12 0.47 0.00	30.13 0.47 0.00	28.66 0.51 0.00	27.90 0.55 0.00	30.08 0.59 0.00	32.87 0.71 0.00	37.15 0.87 0.00	45.37 1.15 0.00	51.48 1.30 0.00	50.55 1.28 0.00	43.14 1.01 0.00	38.53 0.87 0.00	37.15 0.76 0.00

MID___OSWEGATCHIE_HYD 23849	34.16 -0.70 0.00	32.53 -0.73 0.00	31.18 -0.73 0.00	30.00 -0.77 0.00	29.82 -0.80 0.00	32.94 -0.67 0.00	39.82 -0.73 0.00	44.95 -0.92 0.00	39.85 -0.98 0.00	33.30 -0.92 0.00	30.81 -0.92 0.00	30.76 -0.89 0.00	28.83 -0.83 0.00	27.39 -0.76 0.00	26.59 -0.77 0.00	28.69 -0.80 0.00	31.23 -0.93 0.00	39.65 -0.87 -4.24	48.22 -1.02 -5.02	54.87 -0.90 -5.60	54.17 -0.64 -5.54	46.37 -0.59 -4.83	41.45 -0.60 -4.38	40.08 -0.55 -4.23
MID___RAQUETTE_HYD 23851	34.06 -0.80 0.00	32.43 -0.83 0.00	31.14 -0.77 0.00	29.88 -0.89 0.00	29.67 -0.95 0.00	32.81 -0.81 0.00	39.66 -0.89 0.00	44.81 -1.05 0.00	39.81 -1.02 0.00	33.27 -0.96 0.00	30.77 -0.95 0.00	30.79 -0.85 0.00	28.85 -0.80 0.00	27.45 -0.70 0.00	26.59 -0.77 0.00	28.66 -0.83 0.00	31.10 -1.06 0.00	41.37 -1.16 -6.25	50.24 -1.37 -7.39	57.07 -1.35 -8.25	56.30 -1.13 -8.16	48.28 -0.97 -7.12	43.22 -0.90 -6.45	41.83 -0.80 -6.24
MILLIKEN___1 23584	35.28 0.42 0.00	33.59 0.33 0.00	32.17 0.26 0.00	31.08 0.31 0.00	30.96 0.34 0.00	33.95 0.34 0.00	41.04 0.49 0.00	46.28 0.41 0.00	41.20 0.37 0.00	34.58 0.34 -0.01	32.12 0.38 -0.01	31.99 0.35 0.00	29.95 0.30 0.00	28.38 0.23 0.00	27.58 0.22 -0.01	29.84 0.35 0.00	33.72 0.39 -1.18	37.49 0.51 -0.70	45.08 0.71 -0.15	51.18 1.00 0.00	50.25 0.99 0.00	43.01 0.88 0.00	38.50 0.83 0.00	37.26 0.87 0.00
MILLIKEN___2 23585	35.28 0.42 0.00	33.59 0.33 0.00	32.17 0.26 0.00	31.08 0.31 0.00	30.96 0.34 0.00	33.95 0.34 0.00	41.04 0.49 0.00	46.28 0.41 0.00	41.20 0.37 0.00	34.58 0.34 -0.01	32.12 0.38 -0.01	31.99 0.35 0.00	29.95 0.30 0.00	28.38 0.23 0.00	27.58 0.22 -0.01	29.84 0.35 0.00	33.72 0.39 -1.18	37.49 0.51 -0.70	45.08 0.71 -0.15	51.18 1.00 0.00	50.25 0.99 0.00	43.01 0.88 0.00	38.50 0.83 0.00	37.26 0.87 0.00
MILLIKEN___DIESEL 23629	35.28 0.42 0.00	33.59 0.33 0.00	32.17 0.26 0.00	31.08 0.31 0.00	30.96 0.34 0.00	33.95 0.34 0.00	41.04 0.49 0.00	46.28 0.41 0.00	41.20 0.37 0.00	34.58 0.34 -0.01	32.12 0.38 -0.01	31.99 0.35 0.00	29.95 0.30 0.00	28.38 0.23 0.00	27.58 0.22 -0.01	29.84 0.35 0.00	33.72 0.39 -1.18	37.49 0.51 -0.70	45.08 0.71 -0.15	51.18 1.00 0.00	50.25 0.99 0.00	43.01 0.88 0.00	38.50 0.83 0.00	37.26 0.87 0.00
MILLSEAT___LFGE 323607	32.80 -2.06 0.00	30.93 -2.33 0.00	29.68 -2.23 0.00	28.77 -2.00 0.00	28.60 -2.02 0.00	31.33 -2.29 0.00	37.79 -2.76 0.00	42.56 -3.30 0.00	38.22 -2.61 0.00	32.29 -1.92 0.02	30.18 -1.52 0.02	30.00 -1.65 0.00	28.11 -1.54 0.00	26.35 -1.80 0.00	25.69 -1.64 0.02	27.72 -1.77 0.00	27.54 -1.58 3.04	32.84 -1.63 1.81	41.45 -2.39 0.38	47.51 -2.66 0.01	46.95 -2.31 0.00	40.61 -1.51 0.00	36.84 -0.83 0.00	36.28 -0.11 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.22 1.36 0.00	34.62 1.36 0.00	33.22 1.31 0.00	32.10 1.32 0.00	31.97 1.35 0.00	35.03 1.41 0.00	42.22 1.66 0.00	48.02 2.16 0.00	42.75 1.92 0.00	35.80 1.57 0.00	33.12 1.40 0.00	33.00 1.36 0.00	30.93 1.28 0.00	29.39 1.24 0.00	28.58 1.23 0.00	30.75 1.27 0.00	33.57 1.42 0.00	37.91 1.63 0.00	46.48 2.26 0.00	52.63 2.46 0.00	51.53 2.27 0.00	44.02 1.90 0.00	39.17 1.51 0.00	37.66 1.27 0.00
MILLWOOD_13_KV_LOAD 356217	36.33 1.46 0.00	34.69 1.43 0.00	33.31 1.40 0.00	32.19 1.42 0.00	32.03 1.41 0.00	35.09 1.48 0.00	42.30 1.74 0.00	48.16 2.29 0.00	42.84 2.00 0.00	35.87 1.64 0.00	33.19 1.46 0.00	33.10 1.46 0.00	30.99 1.33 0.00	29.45 1.30 0.00	28.64 1.29 0.00	30.84 1.36 0.00	33.64 1.48 0.00	38.02 1.74 0.00	46.61 2.39 0.00	52.78 2.61 0.00	51.68 2.41 0.00	44.15 2.02 0.00	39.29 1.62 0.00	37.77 1.38 0.00
MODEL_CITY_ENERGY 24167	31.58 -3.28 0.00	29.80 -3.46 0.00	28.62 -3.29 0.00	27.73 -3.05 0.00	27.59 -3.03 0.00	30.12 -3.50 0.00	36.38 -4.18 0.00	40.82 -5.05 0.00	36.79 -4.04 0.00	31.12 -3.08 0.03	29.10 -2.60 0.03	28.92 -2.72 0.00	27.11 -2.55 0.00	25.39 -2.76 0.00	24.81 -2.52 0.03	26.71 -2.77 0.00	25.81 -2.73 3.62	31.08 -3.05 2.15	39.70 -4.07 0.46	45.45 -4.72 0.01	44.93 -4.34 0.00	38.88 -3.24 0.00	35.37 -2.30 0.00	35.08 -1.31 0.00
MODERN_LFGE___ 323580	31.58 -3.28 0.00	29.80 -3.46 0.00	28.62 -3.29 0.00	27.73 -3.05 0.00	27.59 -3.03 0.00	30.12 -3.50 0.00	36.38 -4.18 0.00	40.82 -5.05 0.00	36.79 -4.04 0.00	31.12 -3.08 0.03	29.10 -2.60 0.03	28.92 -2.72 0.00	27.11 -2.55 0.00	25.39 -2.76 0.00	24.81 -2.52 0.03	26.71 -2.77 0.00	25.81 -2.73 3.62	31.08 -3.05 2.15	39.70 -4.07 0.46	45.45 -4.72 0.01	44.93 -4.34 0.00	38.88 -3.24 0.00	35.37 -2.30 0.00	35.08 -1.31 0.00
MOHAWK_PAPER___DRP 24187	35.73 0.87 0.00	34.22 0.96 0.00	32.93 1.02 0.00	31.79 1.02 0.00	31.63 1.01 0.00	34.62 1.01 0.00	41.65 1.09 0.00	47.11 1.24 0.00	41.90 1.06 0.00	35.08 0.86 0.00	32.49 0.76 0.00	32.37 0.73 0.00	30.34 0.68 0.00	28.86 0.70 0.00	28.07 0.71 0.00	30.25 0.77 0.00	33.06 0.90 0.00	37.33 1.05 0.00	45.55 1.33 0.00	51.68 1.51 0.00	50.70 1.43 0.00	43.22 1.10 0.00	38.61 0.94 0.00	37.19 0.80 0.00
MOHICAN___35_KV_115KV_LD 80490	36.60 1.74 0.00	34.99 1.73 0.00	33.57 1.66 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.43 1.82 0.00	43.03 2.47 0.00	48.85 2.98 0.00	43.08 2.25 0.00	35.63 1.40 0.00	32.77 1.05 0.00	32.69 1.04 0.00	30.78 1.13 0.00	29.33 1.18 0.00	28.61 1.26 0.00	30.90 1.42 0.00	33.90 1.74 0.00	38.49 2.21 0.00	47.32 3.10 0.00	54.14 3.96 0.00	53.11 3.84 0.00	45.03 2.91 0.00	40.19 2.52 0.00	38.65 2.26 0.00
MONGAUP___HYD 23641	36.19 1.32 0.00	34.59 1.33 0.00	33.15 1.24 0.00	32.01 1.23 0.00	31.85 1.23 0.00	34.92 1.31 0.00	42.18 1.62 0.00	47.15 1.28 0.00	42.26 1.43 0.00	35.46 1.23 0.00	32.71 0.98 0.00	32.62 0.98 0.00	30.60 0.95 0.00	29.05 0.90 0.00	28.20 0.85 0.00	30.46 0.97 0.00	33.28 1.13 0.00	37.80 1.52 0.00	46.08 1.86 0.00	52.38 2.21 0.00	50.89 1.62 0.00	43.81 1.69 0.00	38.99 1.32 0.00	37.77 1.38 0.00
MONTAUK___DIESEL 23721	35.91 1.05 0.00	34.09 0.83 0.00	33.22 1.31 0.00	32.47 1.69 0.00	32.52 1.90 0.00	35.90 2.29 0.00	43.51 2.96 0.00	49.40 3.53 0.00	43.94 3.10 0.00	36.56 2.33 0.00	33.31 1.59 0.00	32.91 1.27 0.00	30.40 0.74 0.00	28.72 0.56 0.00	27.79 0.44 0.00	29.93 0.44 0.00	32.80 0.64 0.00	36.89 0.62 0.00	45.77 1.55 0.00	51.48 1.30 0.00	50.50 1.23 0.00	43.52 1.39 0.00	38.57 0.90 0.00	37.26 0.87 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.18 -2.68 0.00	30.46 -2.79 0.00	29.10 -2.81 0.00	28.19 -2.58 0.00	27.99 -2.63 0.00	30.52 -3.09 0.00	37.27 -3.28 0.00	41.97 -3.90 0.00	37.77 -3.06 0.00	31.82 -2.40 0.01	29.59 -2.13 0.01	29.52 -2.12 0.00	27.64 -2.02 0.00	25.79 -2.36 0.00	24.28 -3.06 0.01	26.80 -2.68 0.00	27.39 -3.47 1.30	31.66 -3.85 0.77	39.33 -4.73 0.16	46.61 -3.56 0.00	46.46 -2.81 0.00	40.36 -1.77 0.00	36.88 -0.79 0.00	36.68 0.29 0.00

MORRIS_RIDGE___SOLAR 323848	32.56 -2.30 0.00	30.73 -2.53 0.00	29.45 -2.46 0.00	28.53 -2.25 0.00	28.42 -2.21 0.00	31.09 -2.52 0.00	37.59 -2.96 0.00	42.24 -3.62 0.00	37.65 -3.19 0.00	31.14 -2.84 0.25	29.04 -2.44 0.25	29.21 -2.44 0.00	27.49 -2.16 0.00	25.87 -2.28 0.00	24.95 -2.16 0.25	27.16 -2.33 0.00	-2.42 -2.77 31.81	14.46 -2.90 18.91	36.82 -3.40 4.00	46.93 -3.16 0.09	46.51 -2.76 0.00	40.10 -2.02 0.00	36.31 -1.35 0.00	35.77 -0.62 0.00
MORTIMER_115KV_TB3 55949	33.26 -1.60 0.00	31.63 -1.63 0.00	30.25 -1.66 0.00	29.27 -1.51 0.00	29.09 -1.53 0.00	31.90 -1.71 0.00	38.53 -2.03 0.00	43.44 -2.43 0.00	38.87 -1.96 0.00	32.93 -1.30 0.00	30.71 -1.02 0.00	30.50 -1.14 0.00	28.59 -1.07 0.00	26.94 -1.21 0.00	26.31 -1.04 0.00	28.31 -1.18 0.00	31.36 -0.80 0.00	35.30 -0.98 0.00	42.81 -1.42 0.00	48.17 -2.01 0.00	47.49 -1.77 0.00	40.86 -1.26 0.00	36.84 -0.83 0.00	35.84 -0.55 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.46 1.60 0.00	34.82 1.56 0.00	33.44 1.53 0.00	32.31 1.54 0.00	32.18 1.56 0.00	35.23 1.61 0.00	42.50 1.95 0.00	48.39 2.52 0.00	43.04 2.21 0.00	36.08 1.85 0.00	33.38 1.65 0.00	33.29 1.65 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.86 1.50 0.00	31.02 1.53 0.00	33.83 1.67 0.00	38.20 1.92 0.00	46.88 2.65 0.00	53.03 2.86 0.00	51.88 2.61 0.00	44.32 2.19 0.00	39.40 1.73 0.00	37.92 1.53 0.00
MUNSVILLE_WIND_PWR 323609	37.06 2.20 0.00	35.05 1.79 0.00	33.47 1.56 0.00	32.34 1.57 0.00	32.24 1.62 0.00	35.46 1.85 0.00	42.86 2.31 0.00	48.34 2.48 0.00	42.75 1.92 0.00	35.71 1.47 -0.01	33.16 1.43 -0.01	33.16 1.52 0.00	31.02 1.36 0.00	29.42 1.27 0.00	28.65 1.29 -0.01	30.93 1.44 0.00	34.31 1.29 -0.87	38.53 1.74 -0.51	46.59 2.25 -0.11	53.09 2.91 0.00	52.47 3.20 0.00	44.91 2.78 0.00	40.19 2.52 0.00	39.01 2.62 0.00
N SALMON___HYD 24042	34.27 -0.59 0.00	32.66 -0.60 0.00	31.37 -0.54 0.00	30.07 -0.71 0.00	29.82 -0.80 0.00	32.97 -0.64 0.00	39.95 -0.61 0.00	45.27 -0.60 0.00	40.30 -0.53 0.00	33.75 -0.48 0.00	31.22 -0.51 0.00	31.29 -0.35 0.00	29.30 -0.35 0.00	27.87 -0.28 0.00	26.97 -0.38 0.00	28.99 -0.50 0.00	31.32 -0.84 0.00	62.14 -0.98 -26.84	74.77 -1.19 -31.74	84.50 -1.10 -35.43	83.39 -0.94 -35.07	71.88 -0.84 -30.59	64.59 -0.79 -27.72	62.49 -0.69 -26.79
N.AKRON__115KV_KNAPP 355671	32.60 -2.27 0.00	30.90 -2.36 0.00	29.52 -2.39 0.00	28.59 -2.18 0.00	28.42 -2.20 0.00	31.09 -2.52 0.00	37.59 -2.96 0.00	42.29 -3.58 0.00	37.98 -2.86 0.00	32.18 -2.02 0.03	30.02 -1.68 0.03	29.84 -1.80 0.00	27.97 -1.69 0.00	26.21 -1.94 0.00	25.44 -1.89 0.03	27.57 -1.92 0.00	27.15 -1.74 3.27	32.38 -1.96 1.94	41.16 -2.65 0.41	47.15 -3.01 0.01	46.66 -2.61 0.00	40.31 -1.81 0.00	36.54 -1.13 0.00	35.81 -0.58 0.00
N.BELMOR_69_KV_BK1 55787	36.64 1.78 0.00	34.89 1.63 0.00	33.60 1.69 0.00	32.53 1.75 0.00	32.40 1.78 0.00	35.56 1.95 0.00	42.95 2.39 0.00	48.89 3.03 0.00	43.49 2.65 0.00	36.38 2.16 0.00	33.66 1.94 0.00	33.48 1.84 0.00	31.26 1.60 0.00	29.67 1.52 0.00	28.83 1.48 0.00	31.02 1.53 0.00	33.96 1.80 0.00	38.24 1.96 0.00	47.10 2.87 0.00	53.03 2.86 0.00	51.98 2.71 0.00	44.74 2.61 0.00	39.74 2.07 0.00	38.06 1.67 0.00
N.E_GEN_SANDY PD 24062	36.05 1.19 0.00	34.59 1.33 0.00	33.19 1.28 0.00	32.04 1.26 0.00	31.91 1.29 0.00	34.92 1.31 0.00	42.05 1.50 0.00	47.61 1.74 0.00	42.43 1.59 0.00	35.43 1.20 0.00	32.77 1.05 0.00	32.65 1.01 0.00	30.58 0.92 0.00	29.11 0.96 0.00	28.26 0.90 0.00	30.49 1.00 0.00	33.35 1.19 0.00	37.69 1.41 0.00	46.08 1.86 0.00	52.08 1.91 0.00	51.09 1.82 0.00	43.56 1.43 0.00	38.84 1.17 0.00	37.30 0.91 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.15 1.29 0.00	34.52 1.26 0.00	33.12 1.21 0.00	32.00 1.23 0.00	31.88 1.26 0.00	34.93 1.31 0.00	42.14 1.58 0.00	47.89 2.02 0.00	42.63 1.80 0.00	35.70 1.47 0.00	33.03 1.30 0.00	32.94 1.30 0.00	30.87 1.22 0.00	29.33 1.18 0.00	28.50 1.15 0.00	30.70 1.21 0.00	33.45 1.29 0.00	37.80 1.52 0.00	46.35 2.12 0.00	52.48 2.31 0.00	51.43 2.17 0.00	43.94 1.81 0.00	39.10 1.43 0.00	37.63 1.24 0.00
N.QUEENS_27_KV_LOAD 356247	36.47 1.60 -0.01	34.93 1.66 -0.01	33.48 1.56 -0.01	32.35 1.57 -0.01	32.25 1.62 -0.01	35.30 1.68 -0.01	42.49 1.95 0.01	48.47 2.61 0.01	43.15 2.33 0.01	36.24 2.02 0.01	33.56 1.84 0.01	33.47 1.84 0.01	31.37 1.72 0.01	29.83 1.69 0.01	28.99 1.64 0.01	31.19 1.71 0.01	33.98 1.83 0.01	38.34 2.07 0.01	47.05 2.83 0.01	53.23 3.06 0.01	52.07 2.81 0.01	44.43 2.32 0.01	39.47 1.81 0.01	38.07 1.67 -0.01
N.TROY___115KV_TB1 355778	35.98 1.12 0.00	34.46 1.20 0.00	33.09 1.18 0.00	31.94 1.17 0.00	31.78 1.16 0.00	34.82 1.21 0.00	41.97 1.42 0.00	47.43 1.56 0.00	42.18 1.35 0.00	35.25 1.03 0.00	32.58 0.86 0.00	32.47 0.82 0.00	30.46 0.80 0.00	28.97 0.82 0.00	28.17 0.82 0.00	30.34 0.86 0.00	33.22 1.06 0.00	37.51 1.23 0.00	45.86 1.64 0.00	51.98 1.81 0.00	50.99 1.72 0.00	43.47 1.35 0.00	38.84 1.17 0.00	37.37 0.98 0.00
NARROWS_GT1_1 24228	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT1_2 24229	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT1_3 24230	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT1_4 24231	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71

NARROWS_GT1_5 24232	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT1_6 24233	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT1_7 24234	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT1_8 24235	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT2_1 24236	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT2_2 24237	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT2_3 24238	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT2_4 24239	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT2_5 24240	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT2_6 24241	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT2_7 24242	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NARROWS_GT2_8 24243	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.29 1.43 0.00	34.72 1.46 0.00	33.41 1.50 0.00	32.22 1.45 0.00	32.09 1.47 0.00	35.13 1.51 0.00	42.30 1.74 0.00	47.75 1.88 0.00	42.30 1.47 0.00	35.25 1.03 0.00	32.49 0.76 0.00	32.37 0.73 0.00	30.37 0.71 0.00	28.88 0.73 0.00	28.07 0.71 0.00	30.31 0.83 0.00	33.19 1.03 0.00	37.69 1.41 0.00	46.17 1.95 0.00	52.58 2.41 0.00	51.58 2.32 0.00	43.94 1.81 0.00	39.29 1.62 0.00	37.88 1.49 0.00
NCHELSEA_115KV_TR2 355582	36.43 1.57 0.00	34.79 1.53 0.00	33.41 1.50 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.19 1.58 0.00	42.46 1.91 0.00	48.25 2.39 0.00	42.96 2.12 0.00	35.91 1.68 0.00	33.12 1.40 0.00	33.03 1.39 0.00	30.99 1.33 0.00	29.42 1.27 0.00	28.61 1.26 0.00	30.81 1.33 0.00	33.64 1.48 0.00	38.06 1.78 0.00	46.70 2.48 0.00	52.98 2.81 0.00	51.88 2.61 0.00	44.27 2.15 0.00	39.44 1.77 0.00	37.95 1.56 0.00
NEG CAPITAL___MECHNVIL 23645	36.39 1.53 0.00	34.82 1.56 0.00	33.41 1.50 0.00	32.22 1.45 0.00	32.09 1.47 0.00	35.19 1.58 0.00	42.50 1.95 0.00	47.98 2.11 0.00	42.59 1.75 0.00	35.53 1.30 0.00	32.81 1.08 0.00	32.72 1.08 0.00	30.69 1.04 0.00	29.22 1.07 0.00	28.39 1.04 0.00	30.64 1.15 0.00	33.54 1.38 0.00	37.98 1.71 0.00	46.43 2.21 0.00	52.78 2.61 0.00	51.78 2.51 0.00	44.06 1.94 0.00	39.36 1.70 0.00	37.88 1.49 0.00

NEG CENTRAL_HIGH_ACRES 23767	33.15 -1.71 0.00	31.43 -1.83 0.00	30.16 -1.76 0.00	29.17 -1.60 0.00	29.03 -1.59 0.00	31.83 -1.78 0.00	38.36 -2.19 0.00	43.34 -2.52 0.00	38.75 -2.08 0.00	32.72 -1.51 0.00	30.55 -1.17 0.00	30.34 -1.30 0.00	28.44 -1.22 0.00	26.86 -1.29 0.00	26.15 -1.20 0.00	28.22 -1.27 0.00	31.16 -1.00 0.00	35.19 -1.09 0.00	42.59 -1.64 0.00	48.02 -2.16 0.00	47.24 -2.02 0.00	40.65 -1.48 0.00	36.61 -1.05 0.00	35.62 -0.77 0.00
NEG CENTRAL___DRP 24199	34.48 -0.38 0.00	32.79 -0.47 0.00	31.40 -0.51 0.00	30.37 -0.40 0.00	30.25 -0.37 0.00	33.14 -0.47 0.00	40.07 -0.49 0.00	45.18 -0.69 0.00	40.30 -0.53 0.00	33.86 -0.38 -0.01	31.48 -0.25 -0.01	31.36 -0.28 0.00	29.36 -0.30 0.00	27.79 -0.37 0.00	27.01 -0.36 -0.01	29.22 -0.27 0.00	33.37 -0.26 -1.47	36.93 -0.22 -0.87	44.14 -0.27 -0.18	50.08 -0.10 0.00	49.17 -0.10 0.00	42.13 0.00 0.00	37.78 0.11 0.00	36.64 0.25 0.00
NEG CENTRAL___INDECK 23768	34.09 -0.77 0.00	32.19 -1.07 0.00	30.86 -1.05 0.00	29.88 -0.89 0.00	29.76 -0.86 0.00	32.64 -0.98 0.00	39.38 -1.18 0.00	44.35 -1.51 0.00	39.49 -1.35 0.00	33.22 -1.13 -0.12	30.93 -0.92 -0.12	30.57 -1.08 0.00	28.65 -1.01 0.00	26.97 -1.18 0.00	26.44 -1.04 -0.12	28.37 -1.12 0.00	46.84 -0.93 -15.62	44.84 -0.73 -9.28	45.43 -0.75 -1.96	49.67 -0.55 -0.04	49.07 -0.20 0.00	42.25 0.13 0.00	38.16 0.49 0.00	37.26 0.87 0.00
NEG CENTRAL___SENECA 23627	34.41 -0.45 0.00	32.69 -0.57 0.00	31.27 -0.64 0.00	30.25 -0.52 0.00	30.13 -0.49 0.00	33.01 -0.61 0.00	39.95 -0.61 0.00	45.04 -0.83 0.00	40.14 -0.69 0.00	33.73 -0.51 -0.02	31.39 -0.35 -0.02	31.26 -0.38 0.00	29.30 -0.36 0.00	27.67 -0.48 0.00	26.88 -0.49 -0.02	29.10 -0.38 0.00	34.11 -0.39 -2.33	37.34 -0.33 -1.39	44.16 -0.35 -0.29	50.08 -0.10 -0.01	49.22 -0.05 0.00	42.17 0.04 0.00	37.89 0.23 0.00	36.79 0.40 0.00
NEG CENTRAL___STATE_STREET 24147	34.72 -0.14 0.00	33.06 -0.20 0.00	31.65 -0.26 0.00	30.62 -0.15 0.00	30.50 -0.12 0.00	33.41 -0.20 0.00	40.39 -0.16 0.00	45.64 -0.23 0.00	40.67 -0.16 0.00	34.19 -0.03 0.00	31.76 0.03 0.00	31.64 0.00 0.00	29.63 -0.03 0.00	28.10 -0.06 0.00	27.35 0.00 0.00	29.55 0.06 0.00	32.26 0.10 0.00	36.42 0.15 0.00	44.36 0.13 0.00	50.43 0.25 0.00	49.46 0.20 0.00	42.34 0.21 0.00	37.93 0.26 0.00	36.68 0.29 0.00
NEG MILLWOOD___DRP 24198	36.60 1.74 0.00	34.99 1.73 0.00	33.57 1.66 0.00	32.43 1.66 0.00	32.27 1.65 0.00	35.40 1.78 0.00	42.62 2.07 0.00	48.57 2.71 0.00	43.20 2.37 0.00	36.14 1.92 0.00	33.38 1.65 0.00	33.29 1.65 0.00	31.17 1.51 0.00	29.62 1.46 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.86 1.70 0.00	38.35 2.07 0.00	47.05 2.83 0.00	53.34 3.16 0.00	52.22 2.96 0.00	44.57 2.44 0.00	39.66 2.00 0.00	38.14 1.75 0.00
NEG NORTH_FLCN_SEA 23793	33.64 -1.22 0.00	32.13 -1.13 0.00	30.95 -0.96 0.00	29.67 -1.11 0.00	29.40 -1.22 0.00	32.47 -1.14 0.00	39.34 -1.22 0.00	44.63 -1.24 0.00	39.73 -1.10 0.00	33.37 -0.86 0.00	30.90 -0.82 0.00	31.33 -0.32 0.00	29.21 -0.44 0.00	27.73 -0.42 0.00	26.81 -0.55 0.00	28.78 -0.71 0.00	30.62 -1.54 0.00	-6.46 -1.81 40.93	-6.39 -2.21 48.40	-6.26 -2.41 54.02	-6.32 -2.12 53.47	-6.38 -1.85 46.65	-6.37 -1.77 42.26	-6.24 -1.78 40.85
NEG NORTH_KES_CHATEGAY 23792	33.99 -0.87 0.00	32.43 -0.83 0.00	31.18 -0.73 0.00	29.88 -0.89 0.00	29.61 -1.01 0.00	32.71 -0.91 0.00	39.58 -0.97 0.00	44.81 -1.05 0.00	39.90 -0.94 0.00	33.44 -0.79 0.00	30.93 -0.79 0.00	31.01 -0.63 0.00	29.00 -0.65 0.00	27.56 -0.59 0.00	26.64 -0.71 0.00	28.69 -0.80 0.00	30.94 -1.22 0.00	-8.37 -1.41 43.23	-8.62 -1.72 51.12	-8.69 -1.81 57.06	-8.84 -1.63 56.48	-8.58 -1.43 49.27	-8.29 -1.32 44.64	-7.96 -1.20 43.15
NEG NORTH___ALICE_FALLS 23915	33.95 -0.91 0.00	32.39 -0.86 0.00	31.21 -0.70 0.00	29.91 -0.86 0.00	29.64 -0.98 0.00	32.74 -0.87 0.00	39.66 -0.89 0.00	45.00 -0.87 0.00	40.10 -0.74 0.00	33.68 -0.55 0.00	31.15 -0.57 0.00	31.45 -0.19 0.00	29.36 -0.30 0.00	27.87 -0.28 0.00	26.94 -0.41 0.00	28.96 -0.53 0.00	30.94 -1.22 0.00	-6.39 -1.38 41.29	-6.29 -1.68 48.83	-6.09 -1.76 54.51	-6.16 -1.48 53.95	-6.24 -1.31 47.06	-6.25 -1.28 42.64	-6.10 -1.27 41.21
NEG NORTH___LWR_SARANAC 23913	33.95 -0.91 0.00	32.39 -0.86 0.00	31.21 -0.70 0.00	29.91 -0.86 0.00	29.64 -0.98 0.00	32.74 -0.87 0.00	39.66 -0.89 0.00	45.00 -0.87 0.00	40.10 -0.74 0.00	33.68 -0.55 0.00	31.15 -0.57 0.00	31.45 -0.19 0.00	29.36 -0.30 0.00	27.87 -0.28 0.00	26.94 -0.41 0.00	28.96 -0.53 0.00	30.94 -1.22 0.00	-6.39 -1.38 41.29	-6.29 -1.68 48.83	-6.09 -1.76 54.51	-6.16 -1.48 53.95	-6.24 -1.31 47.06	-6.25 -1.28 42.64	-6.10 -1.27 41.21
NEG NORTH___PLATTSBURG 23628	33.95 -0.91 0.00	32.39 -0.86 0.00	31.21 -0.70 0.00	29.91 -0.86 0.00	29.61 -1.01 0.00	32.74 -0.87 0.00	39.66 -0.89 0.00	44.99 -0.87 0.00	40.10 -0.73 0.00	33.68 -0.55 0.00	31.16 -0.57 0.00	31.45 -0.19 0.00	29.36 -0.30 0.00	27.87 -0.28 0.00	26.97 -0.38 0.00	28.96 -0.53 0.00	30.94 -1.22 0.00	-6.39 -1.38 41.29	-6.29 -1.68 48.83	-6.09 -1.76 54.51	-6.16 -1.48 53.95	-6.29 -1.35 47.06	-6.25 -1.28 42.64	-6.13 -1.31 41.21
NEG WEST_LEA_LOCKPORT 23791	31.79 -3.07 0.00	30.17 -3.09 0.00	28.78 -3.13 0.00	27.88 -2.89 0.00	27.74 -2.88 0.00	30.29 -3.33 0.00	36.66 -3.89 0.00	41.14 -4.72 0.00	37.00 -3.84 0.00	31.35 -2.84 0.04	29.25 -2.44 0.04	29.11 -2.53 0.00	27.28 -2.37 0.00	25.56 -2.59 0.00	24.77 -2.54 0.04	26.89 -2.59 0.00	25.10 -2.54 4.52	30.69 -2.90 2.69	39.85 -3.80 0.57	45.80 -4.37 0.01	45.33 -3.94 0.00	39.18 -2.95 0.00	35.56 -2.11 0.00	35.04 -1.35 0.00
NEG WEST___LANCASTER 23811	33.08 -1.78 0.00	31.36 -1.90 0.00	29.93 -1.98 0.00	28.99 -1.78 0.00	28.81 -1.81 0.00	31.43 -2.18 0.00	38.20 -2.35 0.00	42.89 -2.98 0.00	38.55 -2.29 0.00	32.02 -2.19 0.02	29.87 -1.84 0.02	30.22 -1.42 0.00	28.32 -1.33 0.00	26.55 -1.60 0.00	24.60 -2.74 0.02	27.87 -1.62 0.00	26.85 -3.28 2.03	31.37 -3.70 1.21	39.24 -4.73 0.26	47.76 -2.41 0.01	47.25 -2.02 0.00	40.74 -1.39 0.00	36.88 -0.79 0.00	36.39 0.00 0.00
NEG_PENN_ALLEGHNY 23528	34.69 -0.17 0.00	32.99 -0.27 0.00	31.62 -0.29 0.00	30.56 -0.21 0.00	30.44 -0.18 0.00	33.31 -0.30 0.00	40.27 -0.28 0.00	45.45 -0.41 0.00	40.55 -0.28 0.00	33.99 -0.24 0.00	31.60 -0.13 0.00	31.55 -0.09 0.00	29.57 -0.09 0.00	27.98 -0.17 0.00	27.22 -0.14 0.00	29.37 -0.12 0.00	31.87 -0.29 0.00	35.99 -0.29 0.00	43.92 -0.31 0.00	50.22 0.05 0.00	49.32 0.05 0.00	42.25 0.13 0.00	37.89 0.23 0.00	36.83 0.44 0.00
NEG___GEN_MONROE 24207	33.08 -1.78 0.00	31.43 -1.83 0.00	30.12 -1.79 0.00	29.17 -1.60 0.00	29.03 -1.59 0.00	31.80 -1.82 0.00	38.36 -2.19 0.00	43.16 -2.71 0.00	38.63 -2.21 0.00	32.68 -1.54 0.01	30.45 -1.27 0.01	30.22 -1.42 0.00	28.32 -1.33 0.00	26.69 -1.46 0.00	26.04 -1.31 0.01	28.04 -1.44 0.00	30.26 -1.16 0.75	34.49 -1.34 0.44	42.32 -1.81 0.09	47.91 -2.26 0.00	47.25 -2.02 0.00	40.69 -1.43 0.00	36.69 -0.98 0.00	35.84 -0.55 0.00

NEPA___ENERGY 23901	32.84 -2.02 0.00	31.13 -2.13 0.00	29.71 -2.20 0.00	28.80 -1.97 0.00	28.60 -2.02 0.00	31.19 -2.42 0.00	38.00 -2.55 0.00	42.66 -3.21 0.00	38.34 -2.49 0.00	32.23 -1.99 0.02	30.00 -1.71 0.02	30.03 -1.61 0.00	28.14 -1.51 0.00	26.35 -1.80 0.00	25.10 -2.24 0.02	27.63 -1.86 0.00	27.67 -2.51 1.98	32.31 -2.79 1.17	40.44 -3.54 0.25	47.46 -2.71 0.01	47.00 -2.27 0.00	40.57 -1.56 0.00	36.73 -0.94 0.00	36.32 -0.07 0.00
NEVERSink___HYD 23608	36.15 1.29 0.00	34.52 1.26 0.00	33.09 1.18 0.00	31.94 1.17 0.00	31.81 1.19 0.00	34.89 1.28 0.00	42.13 1.58 0.00	47.84 1.97 0.00	42.55 1.71 0.00	35.56 1.33 0.00	32.81 1.08 0.00	32.72 1.08 0.00	30.69 1.04 0.00	29.14 0.98 0.00	28.28 0.93 0.00	30.55 1.06 0.00	33.32 1.16 0.00	37.80 1.52 0.00	46.35 2.12 0.00	52.63 2.46 0.00	51.63 2.36 0.00	44.06 1.94 0.00	39.21 1.54 0.00	37.81 1.42 0.00
NEWKRMKL_115KV_TB1 55635	35.49 0.63 0.00	33.99 0.73 0.00	32.77 0.86 0.00	31.63 0.86 0.00	31.51 0.89 0.00	34.42 0.81 0.00	41.36 0.81 0.00	46.78 0.92 0.00	41.61 0.78 0.00	34.88 0.65 0.00	32.33 0.60 0.00	32.21 0.57 0.00	30.19 0.53 0.00	28.74 0.59 0.00	27.93 0.57 0.00	30.11 0.62 0.00	32.87 0.71 0.00	37.11 0.83 0.00	45.24 1.02 0.00	51.33 1.15 0.00	50.35 1.08 0.00	42.93 0.80 0.00	38.35 0.68 0.00	36.90 0.51 0.00
NEWTON___FALLS_HYD 23847	34.16 -0.70 0.00	32.53 -0.73 0.00	31.18 -0.73 0.00	30.00 -0.77 0.00	29.82 -0.80 0.00	32.94 -0.67 0.00	39.82 -0.73 0.00	44.95 -0.92 0.00	39.85 -0.98 0.00	33.30 -0.92 0.00	30.81 -0.92 0.00	30.76 -0.89 0.00	28.83 -0.83 0.00	27.39 -0.76 0.00	26.59 -0.77 0.00	28.69 -0.80 0.00	31.23 -0.93 0.00	39.65 -0.87 -4.24	48.22 -1.02 -5.02	54.87 -0.90 -5.60	54.17 -0.64 -5.54	46.37 -0.59 -4.83	41.45 -0.60 -4.38	40.08 -0.55 -4.23
NGRID_A1_DSASP 323792	31.51 -3.35 0.00	29.73 -3.53 0.00	28.56 -3.35 0.00	27.70 -3.08 0.00	27.53 -3.09 0.00	30.05 -3.56 0.00	36.30 -4.26 0.00	40.73 -5.14 0.00	36.71 -4.12 0.00	31.09 -3.11 0.03	29.03 -2.66 0.03	28.86 -2.78 0.00	27.08 -2.58 0.00	25.34 -2.81 0.00	24.78 -2.54 0.03	26.68 -2.80 0.00	25.87 -2.77 3.53	31.10 -3.08 2.10	39.62 -4.16 0.44	45.35 -4.82 0.01	44.83 -4.43 0.00	38.80 -3.33 0.00	35.30 -2.37 0.00	35.04 -1.35 0.00
NGRID_A2_DSASP 323793	31.51 -3.35 0.00	29.73 -3.53 0.00	28.56 -3.35 0.00	27.70 -3.08 0.00	27.53 -3.09 0.00	30.05 -3.56 0.00	36.30 -4.26 0.00	40.73 -5.14 0.00	36.71 -4.12 0.00	31.09 -3.11 0.03	29.03 -2.66 0.03	28.86 -2.78 0.00	27.08 -2.58 0.00	25.34 -2.81 0.00	24.78 -2.54 0.03	26.68 -2.80 0.00	25.87 -2.77 3.53	31.10 -3.08 2.10	39.62 -4.16 0.44	45.35 -4.82 0.01	44.83 -4.43 0.00	38.80 -3.33 0.00	35.30 -2.37 0.00	35.04 -1.35 0.00
NGRID_A4_DSASP 323807	31.51 -3.35 0.00	29.73 -3.53 0.00	28.56 -3.35 0.00	27.70 -3.08 0.00	27.53 -3.09 0.00	30.05 -3.56 0.00	36.30 -4.26 0.00	40.73 -5.14 0.00	36.71 -4.12 0.00	31.09 -3.11 0.03	29.03 -2.66 0.03	28.86 -2.78 0.00	27.08 -2.58 0.00	25.34 -2.81 0.00	24.78 -2.54 0.03	26.68 -2.80 0.00	25.87 -2.77 3.53	31.10 -3.08 2.10	39.62 -4.16 0.44	45.35 -4.82 0.01	44.83 -4.43 0.00	38.80 -3.33 0.00	35.30 -2.37 0.00	35.04 -1.35 0.00
NIAGARA_115E_LBMP 323715	31.41 -3.45 0.00	29.63 -3.62 0.00	28.46 -3.45 0.00	27.60 -3.17 0.00	27.44 -3.19 0.00	29.95 -3.66 0.00	36.13 -4.42 0.00	40.59 -5.27 0.00	36.55 -4.29 0.00	30.95 -3.25 0.03	28.94 -2.76 0.03	28.76 -2.88 0.00	26.96 -2.70 0.00	25.25 -2.90 0.00	24.70 -2.63 0.03	26.57 -2.92 0.00	25.72 -2.89 3.54	30.94 -3.23 2.11	39.49 -4.29 0.45	45.20 -4.97 0.01	44.63 -4.63 0.00	38.67 -3.45 0.00	35.18 -2.49 0.00	34.90 -1.49 0.00
NIAGARA_115W_LBMP 323714	31.41 -3.45 0.00	29.63 -3.62 0.00	28.46 -3.45 0.00	27.60 -3.17 0.00	27.44 -3.19 0.00	29.95 -3.66 0.00	36.13 -4.42 0.00	40.59 -5.27 0.00	36.55 -4.29 0.00	30.95 -3.25 0.03	28.94 -2.76 0.03	28.76 -2.88 0.00	26.96 -2.70 0.00	25.25 -2.90 0.00	24.70 -2.63 0.03	26.57 -2.92 0.00	25.72 -2.89 3.54	30.94 -3.23 2.11	39.49 -4.29 0.45	45.20 -4.97 0.01	44.63 -4.63 0.00	38.67 -3.45 0.00	35.18 -2.49 0.00	34.90 -1.49 0.00
NIAGARA_230_LBMP 323716	31.79 -3.07 0.00	30.00 -3.26 0.00	28.82 -3.09 0.00	27.94 -2.83 0.00	27.77 -2.85 0.00	30.35 -3.26 0.00	36.62 -3.93 0.00	41.14 -4.72 0.00	37.04 -3.80 0.00	31.32 -2.88 0.03	29.28 -2.41 0.03	29.14 -2.50 0.00	27.31 -2.34 0.00	25.59 -2.56 0.00	25.00 -2.33 0.03	26.92 -2.57 0.00	25.99 -2.48 3.69	31.32 -2.76 2.20	40.00 -3.76 0.46	45.75 -4.42 0.01	45.18 -4.09 0.00	39.09 -3.03 0.00	35.56 -2.11 0.00	35.22 -1.17 0.00
NIAGARA___115KV_198_GIBSON 55903	31.31 -3.56 0.00	29.73 -3.53 0.00	28.37 -3.54 0.00	27.48 -3.29 0.00	27.31 -3.31 0.00	29.85 -3.76 0.00	36.13 -4.42 0.00	40.50 -5.37 0.00	36.46 -4.37 0.00	30.95 -3.25 0.03	28.87 -2.82 0.03	28.73 -2.91 0.00	26.93 -2.73 0.00	25.22 -2.93 0.00	24.48 -2.84 0.03	26.54 -2.95 0.00	25.69 -2.93 3.54	30.83 -3.34 2.11	39.40 -4.38 0.45	45.10 -5.07 0.01	44.59 -4.68 0.00	38.55 -3.58 0.00	34.99 -2.67 0.00	34.50 -1.89 0.00
NIAGARA___ 23760	31.79 -3.07 0.00	30.00 -3.26 0.00	28.82 -3.09 0.00	27.94 -2.83 0.00	27.77 -2.85 0.00	30.35 -3.26 0.00	36.62 -3.93 0.00	41.14 -4.72 0.00	37.04 -3.80 0.00	31.32 -2.88 0.03	29.29 -2.41 0.03	29.14 -2.50 0.00	27.31 -2.34 0.00	25.59 -2.56 0.00	25.00 -2.33 0.03	26.92 -2.57 0.00	26.08 -2.48 3.60	31.38 -2.76 2.14	40.01 -3.76 0.46	45.75 -4.42 0.01	45.18 -4.09 0.00	39.09 -3.03 0.00	35.56 -2.11 0.00	35.22 -1.17 0.00
NINE_MILE_1 23575	33.99 -0.87 0.00	32.39 -0.86 0.00	31.05 -0.86 0.00	30.00 -0.77 0.00	29.86 -0.76 0.00	32.74 -0.87 0.00	39.46 -1.09 0.00	44.63 -1.24 0.00	39.77 -1.06 0.00	33.41 -0.82 0.00	31.00 -0.73 0.00	30.88 -0.76 0.00	28.97 -0.68 0.00	27.45 -0.70 0.00	26.70 -0.66 0.00	28.78 -0.71 0.00	31.45 -0.71 0.00	35.37 -0.91 0.00	43.03 -1.19 0.00	48.82 -1.35 0.00	47.89 -1.38 0.00	40.99 -1.14 0.00	36.73 -0.94 0.00	35.55 -0.84 0.00
NINE_MILE_2 23744	33.95 -0.91 0.00	32.36 -0.90 0.00	31.05 -0.86 0.00	30.00 -0.77 0.00	29.86 -0.76 0.00	32.74 -0.87 0.00	39.46 -1.09 0.00	44.63 -1.24 0.00	39.77 -1.06 0.00	33.37 -0.85 0.00	31.00 -0.73 0.00	30.88 -0.76 0.00	28.94 -0.71 0.00	27.45 -0.70 0.00	26.70 -0.66 0.00	28.78 -0.71 0.00	31.45 -0.71 0.00	35.37 -0.91 0.00	43.03 -1.19 0.00	48.77 -1.40 0.00	47.89 -1.38 0.00	40.99 -1.14 0.00	36.73 -0.94 0.00	35.55 -0.84 0.00
NM_CAPITAL___DRP 24208	35.56 0.70 0.00	34.06 0.80 0.00	32.80 0.89 0.00	31.67 0.89 0.00	31.54 0.92 0.00	34.45 0.84 0.00	41.45 0.89 0.00	46.88 1.01 0.00	41.69 0.86 0.00	34.95 0.72 0.00	32.36 0.63 0.00	32.24 0.60 0.00	30.25 0.59 0.00	28.77 0.62 0.00	27.96 0.60 0.00	30.14 0.65 0.00	32.93 0.77 0.00	37.15 0.87 0.00	45.33 1.11 0.00	51.38 1.20 0.00	50.40 1.13 0.00	42.97 0.84 0.00	38.38 0.72 0.00	36.97 0.58 0.00

NM_CENTRAL___DRP 24181	34.55 -0.31 0.00	32.93 -0.33 0.00	31.56 -0.35 0.00	30.47 -0.31 0.00	30.35 -0.28 0.00	33.24 -0.37 0.00	40.11 -0.45 0.00	45.32 -0.55 0.00	40.39 -0.45 0.00	33.95 -0.27 0.00	31.54 -0.19 0.00	31.45 -0.19 0.00	29.48 -0.18 0.00	27.93 -0.23 0.00	27.19 -0.16 0.00	29.31 -0.18 0.00	32.03 -0.13 0.00	36.10 -0.18 0.00	43.91 -0.31 0.00	49.82 -0.35 0.00	48.92 -0.34 0.00	41.83 -0.29 0.00	37.48 -0.19 0.00	36.28 -0.11 0.00
NM_FRONTIER___DRP 24179	31.31 -3.56 0.00	29.73 -3.53 0.00	28.37 -3.54 0.00	27.48 -3.29 0.00	27.31 -3.31 0.00	29.85 -3.76 0.00	36.13 -4.42 0.00	40.50 -5.37 0.00	36.46 -4.37 0.00	30.95 -3.25 0.03	28.87 -2.82 0.03	28.73 -2.91 0.00	26.93 -2.73 0.00	25.22 -2.93 0.00	24.48 -2.84 0.03	26.54 -2.95 0.00	25.69 -2.93 3.54	30.83 -3.34 2.11	39.40 -4.38 0.45	45.10 -5.07 0.01	44.59 -4.68 0.00	38.55 -3.58 0.00	34.99 -2.67 0.00	34.50 -1.89 0.00
NM_ST_REGIS___HYD 24053	34.13 -0.73 0.00	32.46 -0.80 0.00	31.21 -0.70 0.00	29.91 -0.86 0.00	29.70 -0.92 0.00	32.84 -0.77 0.00	39.74 -0.81 0.00	44.95 -0.92 0.00	39.94 -0.90 0.00	33.41 -0.82 0.00	30.90 -0.82 0.00	30.91 -0.73 0.00	28.97 -0.68 0.00	27.56 -0.59 0.00	26.67 -0.68 0.00	28.75 -0.74 0.00	31.16 -1.00 0.00	45.64 -1.12 -10.49	55.25 -1.37 -12.40	62.71 -1.30 -13.84	61.88 -1.08 -13.70	53.11 -0.97 -11.95	47.59 -0.90 -10.83	46.06 -0.80 -10.47
NORTHPORT___1 23551	36.53 1.67 0.00	35.05 1.79 0.00	33.60 1.69 0.00	32.46 1.69 0.00	32.30 1.68 0.00	35.53 1.92 0.00	43.07 2.52 0.00	49.17 3.30 0.00	43.57 2.74 0.00	36.49 2.26 0.00	33.66 1.94 0.00	33.35 1.71 0.00	31.08 1.42 0.00	29.50 1.35 0.00	28.53 1.18 0.00	30.84 1.36 0.00	33.86 1.70 0.00	38.09 1.81 0.00	46.92 2.70 0.00	52.73 2.56 0.00	51.63 2.36 0.00	44.53 2.40 0.00	39.32 1.66 0.00	37.81 1.42 0.00
NORTHPORT___2 23552	36.53 1.67 0.00	35.05 1.79 0.00	33.60 1.69 0.00	32.46 1.69 0.00	32.30 1.68 0.00	35.53 1.92 0.00	43.07 2.52 0.00	49.17 3.30 0.00	43.57 2.74 0.00	36.49 2.26 0.00	33.66 1.94 0.00	33.35 1.71 0.00	31.08 1.42 0.00	29.50 1.35 0.00	28.53 1.18 0.00	30.84 1.36 0.00	33.86 1.70 0.00	38.09 1.81 0.00	46.92 2.70 0.00	52.73 2.56 0.00	51.63 2.36 0.00	44.53 2.40 0.00	39.32 1.66 0.00	37.81 1.42 0.00
NORTHPORT___3 23553	36.33 1.46 0.00	34.82 1.56 0.00	33.35 1.44 0.00	32.22 1.45 0.00	32.09 1.47 0.00	35.26 1.65 0.00	42.70 2.15 0.00	48.67 2.80 0.00	43.20 2.37 0.00	36.18 1.95 0.00	33.44 1.71 0.00	33.22 1.58 0.00	30.99 1.34 0.00	29.42 1.27 0.00	28.50 1.15 0.00	30.75 1.27 0.00	33.70 1.54 0.00	37.98 1.71 0.00	46.65 2.43 0.00	52.08 1.91 0.00	50.99 1.72 0.00	44.36 2.23 0.00	39.29 1.62 0.00	37.70 1.31 0.00
NORTHPORT___4 23650	36.33 1.46 0.00	34.82 1.56 0.00	33.35 1.44 0.00	32.22 1.45 0.00	32.09 1.47 0.00	35.26 1.65 0.00	42.70 2.15 0.00	48.67 2.80 0.00	43.20 2.37 0.00	36.18 1.95 0.00	33.44 1.71 0.00	33.22 1.58 0.00	30.99 1.34 0.00	29.42 1.27 0.00	28.50 1.15 0.00	30.75 1.27 0.00	33.70 1.54 0.00	37.98 1.71 0.00	46.65 2.43 0.00	52.08 1.91 0.00	50.99 1.72 0.00	44.36 2.23 0.00	39.29 1.62 0.00	37.70 1.31 0.00
NORTHPORT___IC 23718	36.53 1.67 0.00	34.79 1.53 0.00	33.57 1.66 0.00	32.56 1.78 0.00	32.46 1.84 0.00	35.70 2.08 0.00	43.07 2.51 0.00	49.03 3.16 0.00	43.69 2.86 0.00	36.42 2.19 0.00	33.66 1.94 0.00	33.38 1.74 0.00	31.11 1.45 0.00	29.53 1.38 0.00	28.67 1.31 0.00	30.84 1.36 0.00	33.86 1.70 0.00	38.06 1.78 0.00	46.92 2.70 0.00	52.73 2.56 0.00	51.63 2.36 0.00	44.53 2.40 0.00	39.55 1.88 0.00	37.88 1.49 0.00
NORTH___COUNTRY_ESR 323785	33.92 -0.94 0.00	32.33 -0.93 0.00	31.08 -0.83 0.00	29.79 -0.99 0.00	29.55 -1.07 0.00	32.61 -1.01 0.00	39.50 -1.05 0.00	44.72 -1.14 0.00	39.81 -1.02 0.00	33.37 -0.85 0.00	30.90 -0.83 0.00	30.98 -0.67 0.00	28.97 -0.68 0.00	27.51 -0.65 0.00	26.64 -0.71 0.00	28.63 -0.86 0.00	30.87 -1.29 0.00	-8.49 -1.49 43.28	-8.78 -1.82 51.18	-8.86 -1.91 57.13	-9.10 -1.82 56.54	-8.76 -1.56 49.33	-8.46 -1.43 44.69	-8.12 -1.31 43.20
NPX_GEN_1385_PROXY 323591	36.50 1.64 0.00	35.02 1.76 0.00	33.54 1.63 0.00	32.40 1.63 0.00	32.24 1.62 0.00	35.53 1.92 0.00	42.78 2.23 0.00	49.17 3.30 0.00	43.37 2.53 0.00	36.21 1.98 0.00	33.22 1.49 0.00	32.68 1.04 0.00	30.46 0.80 0.00	29.16 1.01 0.00	28.09 0.74 0.00	30.52 1.03 0.00	33.77 1.61 0.00	37.69 1.41 0.00	46.48 2.25 0.00	52.13 1.95 0.00	50.89 1.62 0.00	44.02 1.90 0.00	38.53 0.87 0.00	37.41 1.02 0.00
NPX_GEN_CSC 323557	36.05 1.19 0.00	34.76 1.50 0.00	33.31 1.40 0.00	32.25 1.48 0.00	32.06 1.44 0.00	35.43 1.81 0.00	43.35 2.80 0.00	49.40 3.53 0.00	43.78 2.94 0.00	36.69 2.47 0.00	33.79 2.06 0.00	33.38 1.74 0.00	30.93 1.27 0.00	29.16 1.01 0.00	28.09 0.74 0.00	30.34 0.86 0.00	33.32 1.16 0.00	37.51 1.23 0.00	46.35 2.12 0.00	52.03 1.86 0.00	50.99 1.72 0.00	43.98 1.85 0.00	38.87 1.21 0.00	37.30 0.91 0.00
NSINS_S___GLNS_FALLS 23858	36.64 1.78 0.00	35.02 1.76 0.00	33.60 1.69 0.00	32.40 1.63 0.00	32.27 1.65 0.00	35.46 1.85 0.00	43.03 2.47 0.00	48.80 2.94 0.00	43.08 2.25 0.00	35.67 1.44 0.00	32.80 1.08 0.00	32.72 1.08 0.00	30.81 1.16 0.00	29.36 1.21 0.00	28.61 1.26 0.00	30.90 1.42 0.00	33.90 1.74 0.00	38.45 2.18 0.00	47.28 3.05 0.00	54.04 3.86 0.00	53.06 3.79 0.00	44.95 2.82 0.00	40.15 2.49 0.00	38.61 2.22 0.00
NUCOR_STEEL___DRP 24197	34.86 0.00 0.00	33.19 -0.07 0.00	31.81 -0.10 0.00	30.74 -0.03 0.00	30.62 0.00 0.00	33.55 -0.07 0.00	40.55 0.00 0.00	45.78 -0.09 0.00	40.79 -0.04 0.00	34.30 0.07 0.00	31.85 0.13 0.00	31.74 0.09 0.00	29.72 0.06 0.00	28.15 0.00 0.00	27.44 0.08 0.00	29.60 0.12 0.00	32.32 0.16 0.00	36.50 0.22 0.00	44.44 0.22 0.00	50.48 0.30 0.00	49.56 0.30 0.00	42.42 0.29 0.00	38.04 0.38 0.00	36.79 0.40 0.00
NUMBER_THREE_WT_PWR 323818	34.83 -0.03 0.00	33.13 -0.13 0.00	31.75 -0.16 0.00	30.62 -0.15 0.00	30.47 -0.15 0.00	33.58 -0.03 0.00	40.55 0.00 0.00	45.82 -0.05 0.00	40.59 -0.24 0.00	33.92 -0.31 0.00	31.38 -0.35 0.00	31.26 -0.38 0.00	29.30 -0.35 0.00	27.82 -0.34 0.00	27.03 -0.33 0.00	29.22 -0.27 0.00	31.87 -0.29 0.00	38.02 -0.11 -1.85	46.41 0.00 -2.19	52.82 0.20 -2.44	52.12 0.44 -2.41	44.61 0.38 -2.11	39.84 0.27 -1.91	38.45 0.22 -1.84
NYISO_LBMP_REFERENCE 24008	34.86 0.00 0.00	33.26 0.00 0.00	31.91 0.00 0.00	30.77 0.00 0.00	30.62 0.00 0.00	33.61 0.00 0.00	40.55 0.00 0.00	45.87 0.00 0.00	40.83 0.00 0.00	34.23 0.00 0.00	31.73 0.00 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.15 0.00 0.00	27.35 0.00 0.00	29.49 0.00 0.00	32.16 0.00 0.00	36.28 0.00 0.00	44.22 0.00 0.00	50.17 0.00 0.00	49.27 0.00 0.00	42.13 0.00 0.00	37.67 0.00 0.00	36.39 0.00 0.00

NYPA_BRENTWD____GT 24164	36.78 1.92 0.00	35.25 2.00 0.00	33.79 1.88 0.00	32.65 1.88 0.00	32.49 1.87 0.00	35.77 2.15 0.00	43.43 2.88 0.00	49.49 3.62 0.00	43.86 3.02 0.00	36.76 2.53 0.00	33.91 2.19 0.00	33.60 1.96 0.00	31.29 1.63 0.00	29.67 1.52 0.00	28.69 1.34 0.00	30.99 1.50 0.00	34.02 1.86 0.00	38.31 2.03 0.00	47.23 3.01 0.00	53.13 2.96 0.00	52.07 2.81 0.00	44.86 2.74 0.00	39.66 2.00 0.00	38.10 1.71 0.00
NYPA_GOWANUS____GT5 24156	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NYPA_GOWANUS____GT6 24157	53.94 1.99 -17.10	53.90 2.03 -18.62	53.26 1.91 -19.44	53.22 1.88 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.05 2.35 -11.15	55.00 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.73 1.81 -26.27	59.99 1.80 -30.03	60.03 1.72 -30.95	59.13 1.80 -27.84	58.84 1.99 -24.68	60.54 2.36 -21.91	60.41 3.14 -13.04	62.39 3.36 -8.85	59.82 3.16 -7.40	59.80 2.61 -15.06	54.80 2.11 -15.02	53.99 1.89 -15.71
NYPA_HARLEM__RVR__GT1 24160	36.30 1.43 -0.01	34.90 1.63 -0.01	33.36 1.44 -0.01	32.20 1.42 -0.01	32.19 1.56 -0.01	35.14 1.51 -0.01	42.45 1.91 0.01	48.38 2.52 0.01	43.03 2.20 0.01	36.17 1.95 0.01	33.46 1.74 0.01	33.37 1.74 0.01	31.28 1.63 0.01	29.75 1.60 0.01	28.88 1.53 0.01	31.10 1.62 0.01	33.92 1.77 0.01	38.34 2.07 0.01	47.00 2.79 0.01	53.08 2.91 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.36 1.70 0.01	37.82 1.42 -0.01
NYPA_HARLEM__RVR__GT2 24161	36.30 1.43 -0.01	34.90 1.63 -0.01	33.36 1.44 -0.01	32.20 1.42 -0.01	32.19 1.56 -0.01	35.14 1.51 -0.01	42.45 1.91 0.01	48.38 2.52 0.01	43.03 2.20 0.01	36.17 1.95 0.01	33.46 1.74 0.01	33.37 1.74 0.01	31.28 1.63 0.01	29.75 1.60 0.01	28.88 1.53 0.01	31.10 1.62 0.01	33.92 1.77 0.01	38.34 2.07 0.01	47.00 2.79 0.01	53.08 2.91 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.36 1.70 0.01	37.82 1.42 -0.01
NYPA_KENT____GT 24152	46.82 1.85 -10.12	46.20 1.93 -11.02	45.20 1.79 -11.50	44.73 1.78 -12.17	44.62 1.81 -12.20	46.35 1.88 -10.85	49.38 2.23 -6.60	52.36 2.84 -3.65	52.51 2.45 -9.22	47.21 2.16 -10.82	48.45 1.90 -14.83	48.95 1.87 -15.44	48.37 1.78 -16.93	49.54 1.75 -19.65	49.25 1.67 -20.22	49.20 1.77 -17.94	50.00 1.93 -15.91	52.68 2.29 -14.12	55.69 3.05 -8.41	59.14 3.26 -5.70	57.04 3.01 -4.77	54.36 2.53 -9.71	48.59 2.03 -8.89	47.47 1.78 -9.29
NYPA_POUCH1____GT 24155	53.87 1.92 -17.10	53.87 2.00 -18.62	53.20 1.85 -19.44	53.19 1.85 -20.57	53.22 1.81 -20.80	53.87 1.92 -18.34	53.93 2.23 -11.15	54.78 2.75 -6.16	57.47 2.33 -14.31	54.64 2.12 -18.29	56.85 1.81 -23.31	57.37 1.77 -23.96	57.58 1.66 -26.27	59.85 1.66 -30.03	59.89 1.59 -30.95	59.01 1.68 -27.84	58.68 1.83 -24.68	60.36 2.18 -21.91	60.19 2.92 -13.04	62.19 3.16 -8.85	59.57 2.91 -7.40	59.63 2.44 -15.06	54.69 2.00 -15.02	53.91 1.82 -15.71
NYPA_VERNON____GT2 24162	39.74 1.74 -3.14	38.47 1.79 -3.41	37.13 1.66 -3.56	36.20 1.66 -3.77	35.93 1.71 -3.60	38.72 1.75 -3.36	44.75 2.15 -2.05	49.75 2.75 -1.13	47.33 2.37 -4.13	39.63 2.05 -3.35	39.90 1.84 -6.34	40.40 1.83 -6.92	38.97 1.72 -7.59	39.10 1.69 -9.26	38.47 1.61 -9.50	39.24 1.71 -8.05	41.16 1.86 -7.13	44.82 2.21 -6.33	50.92 2.92 -3.78	55.84 3.11 -2.55	54.31 2.91 -2.13	48.92 2.44 -4.35	42.34 1.92 -2.76	40.95 1.67 -2.88
NYPA_VERNON____GT3 24163	39.74 1.74 -3.14	38.47 1.79 -3.41	37.13 1.66 -3.56	36.20 1.66 -3.77	35.93 1.71 -3.60	38.72 1.75 -3.36	44.75 2.15 -2.05	49.75 2.75 -1.13	47.33 2.37 -4.13	39.63 2.05 -3.35	39.90 1.84 -6.34	40.40 1.83 -6.92	38.97 1.72 -7.59	39.10 1.69 -9.26	38.47 1.61 -9.50	39.24 1.71 -8.05	41.16 1.86 -7.13	44.82 2.21 -6.33	50.92 2.92 -3.78	55.84 3.11 -2.55	54.31 2.91 -2.13	48.92 2.44 -4.35	42.34 1.92 -2.76	40.95 1.67 -2.88
NYPA__ASTORIA_CC1 323568	37.20 1.71 -0.63	35.74 1.79 -0.69	34.29 1.66 -0.72	33.16 1.63 -0.76	33.10 1.71 -0.77	36.04 1.75 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.25 2.37 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.83 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	33.96 1.61 -4.99	35.19 1.71 -3.99	37.53 1.83 -3.54	41.59 2.18 -3.14	49.02 2.92 -1.88	54.55 3.11 -1.26	53.23 2.91 -1.06	46.68 2.40 -2.16	40.11 1.88 -0.56	38.61 1.64 -0.58
NYPA__ASTORIA_CC2 323569	37.20 1.71 -0.63	35.74 1.79 -0.69	34.29 1.66 -0.72	33.16 1.63 -0.76	33.10 1.71 -0.77	36.04 1.75 -0.68	43.08 2.11 -0.41	48.85 2.75 -0.23	45.25 2.37 -2.05	36.96 2.05 -0.68	36.50 1.84 -2.94	36.91 1.83 -3.43	35.14 1.72 -3.77	34.73 1.69 -4.89	33.96 1.61 -4.99	35.19 1.71 -3.99	37.53 1.83 -3.54	41.59 2.18 -3.14	49.02 2.92 -1.88	54.55 3.11 -1.26	53.23 2.91 -1.06	46.68 2.40 -2.16	40.11 1.88 -0.56	38.61 1.64 -0.58
NYPA__HOLTSVILL 23794	36.36 1.50 0.00	34.99 1.73 0.00	33.50 1.59 0.00	32.40 1.63 0.00	32.24 1.62 0.00	35.53 1.92 0.00	43.23 2.68 0.00	49.31 3.44 0.00	43.69 2.86 0.00	36.62 2.40 0.00	33.76 2.03 0.00	33.41 1.77 0.00	31.05 1.39 0.00	29.39 1.24 0.00	28.39 1.04 0.00	30.67 1.18 0.00	33.67 1.51 0.00	37.87 1.59 0.00	46.74 2.52 0.00	52.53 2.36 0.00	51.49 2.22 0.00	44.40 2.27 0.00	39.25 1.58 0.00	37.66 1.27 0.00
NYPA__HELLGATE_GT1 24158	36.30 1.43 -0.01	34.90 1.63 -0.01	33.36 1.44 -0.01	32.20 1.42 -0.01	32.19 1.56 -0.01	35.14 1.51 -0.01	42.45 1.91 0.01	48.38 2.52 0.01	43.03 2.20 0.01	36.17 1.95 0.01	33.46 1.74 0.01	33.37 1.74 0.01	31.28 1.63 0.01	29.75 1.60 0.01	28.88 1.53 0.01	31.10 1.62 0.01	33.92 1.77 0.01	38.34 2.07 0.01	47.00 2.79 0.01	53.08 2.91 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.36 1.70 0.01	37.82 1.42 -0.01
NYPA__HELLGATE_GT2 24159	36.30 1.43 -0.01	34.90 1.63 -0.01	33.36 1.44 -0.01	32.20 1.42 -0.01	32.19 1.56 -0.01	35.14 1.51 -0.01	42.45 1.91 0.01	48.38 2.52 0.01	43.03 2.20 0.01	36.17 1.95 0.01	33.46 1.74 0.01	33.37 1.74 0.01	31.28 1.63 0.01	29.75 1.60 0.01	28.88 1.53 0.01	31.10 1.62 0.01	33.92 1.77 0.01	38.34 2.07 0.01	47.00 2.79 0.01	53.08 2.91 0.01	51.97 2.71 0.01	44.35 2.23 0.01	39.36 1.70 0.01	37.82 1.42 -0.01
NYS_BARGE__HYD 23848	31.90 -2.96 0.00	30.07 -3.19 0.00	28.88 -3.03 0.00	28.00 -2.77 0.00	27.83 -2.79 0.00	30.39 -3.23 0.00	36.70 -3.85 0.00	41.24 -4.63 0.00	37.12 -3.72 0.00	31.39 -2.81 0.03	29.35 -2.35 0.03	29.17 -2.47 0.00	27.34 -2.31 0.00	25.62 -2.53 0.00	25.03 -2.30 0.03	26.95 -2.54 0.00	25.91 -2.48 3.77	31.28 -2.76 2.24	40.03 -3.71 0.47	45.95 -4.21 0.01	45.42 -3.84 0.00	39.30 -2.82 0.00	35.75 -1.92 0.00	35.44 -0.95 0.00

OAK ORCHARD___HYD 24046	33.33 -1.53 0.00	31.56 -1.69 0.00	30.28 -1.63 0.00	29.33 -1.45 0.00	29.15 -1.47 0.00	31.97 -1.65 0.00	38.53 -2.03 0.00	43.48 -2.39 0.00	38.96 -1.88 0.00	32.93 -1.30 0.00	30.74 -0.98 0.00	30.50 -1.14 0.00	28.62 -1.04 0.00	26.97 -1.18 0.00	26.29 -1.07 0.00	28.34 -1.15 0.00	31.39 -0.77 0.00	35.44 -0.83 0.00	42.85 -1.37 0.00	48.22 -1.96 0.00	47.54 -1.73 0.00	40.95 -1.18 0.00	36.95 -0.72 0.00	36.06 -0.33 0.00
OAKDALE___35_KV_LOAD 356122	34.62 -0.24 0.00	32.96 -0.30 0.00	31.56 -0.35 0.00	30.50 -0.28 0.00	30.38 -0.24 0.00	33.24 -0.37 0.00	40.19 -0.36 0.00	45.36 -0.50 0.00	40.47 -0.37 0.00	33.92 -0.31 0.00	31.50 -0.22 0.00	31.45 -0.19 0.00	29.48 -0.18 0.00	27.90 -0.25 0.00	27.03 -0.33 0.00	29.28 -0.21 0.00	31.77 -0.39 0.00	35.91 -0.36 0.00	43.78 -0.44 0.00	50.02 -0.15 0.00	49.17 -0.10 0.00	42.13 0.00 0.00	37.74 0.08 0.00	36.64 0.25 0.00
OCC_CHEM___DRP 24175	31.41 -3.45 0.00	29.83 -3.43 0.00	28.46 -3.45 0.00	27.57 -3.20 0.00	27.44 -3.18 0.00	29.95 -3.66 0.00	36.25 -4.30 0.00	40.64 -5.23 0.00	36.59 -4.25 0.00	31.09 -3.11 0.03	29.00 -2.70 0.03	28.83 -2.82 0.00	27.02 -2.64 0.00	25.31 -2.84 0.00	24.56 -2.76 0.03	26.63 -2.86 0.00	25.84 -2.80 3.53	30.99 -3.19 2.10	39.53 -4.25 0.44	45.25 -4.92 0.01	44.73 -4.53 0.00	38.67 -3.45 0.00	35.14 -2.52 0.00	34.64 -1.75 0.00
OH_GEN_PROXY 24063	31.86 -3.00 0.00	30.07 -3.19 0.00	28.88 -3.03 0.00	28.00 -2.77 0.00	27.83 -2.79 0.00	30.42 -3.19 0.00	36.70 -3.85 0.00	41.28 -4.59 0.00	37.16 -3.68 0.00	31.43 -2.77 0.03	29.39 -2.31 0.03	29.21 -2.44 0.00	27.40 -2.26 0.00	25.67 -2.48 0.00	25.09 -2.24 0.03	27.01 -2.48 0.00	26.51 -2.38 3.27	31.65 -2.68 1.94	40.14 -3.67 0.41	45.90 -4.26 0.01	45.32 -3.94 0.00	39.22 -2.91 0.00	35.63 -2.03 0.00	35.30 -1.09 0.00
OLIN_CORP_DRP 24177	31.41 -3.45 0.00	29.80 -3.46 0.00	28.46 -3.45 0.00	27.57 -3.20 0.00	27.41 -3.22 0.00	29.92 -3.70 0.00	36.21 -4.34 0.00	40.59 -5.27 0.00	36.55 -4.29 0.00	31.05 -3.15 0.03	28.97 -2.73 0.03	28.79 -2.85 0.00	26.99 -2.67 0.00	25.28 -2.87 0.00	24.54 -2.79 0.03	26.60 -2.89 0.00	25.86 -2.83 3.47	30.99 -3.23 2.06	39.50 -4.29 0.44	45.20 -4.97 0.01	44.68 -4.58 0.00	38.63 -3.50 0.00	35.11 -2.56 0.00	34.61 -1.78 0.00
OLIN_CORP_DSASP 323712	31.51 -3.35 0.00	29.73 -3.53 0.00	28.56 -3.35 0.00	27.70 -3.08 0.00	27.53 -3.09 0.00	30.05 -3.56 0.00	36.30 -4.26 0.00	40.73 -5.14 0.00	36.71 -4.12 0.00	31.09 -3.11 0.03	29.03 -2.66 0.03	28.86 -2.78 0.00	27.08 -2.58 0.00	25.34 -2.81 0.00	24.78 -2.54 0.03	26.68 -2.80 0.00	25.87 -2.77 3.53	31.10 -3.08 2.10	39.62 -4.16 0.44	45.35 -4.82 0.01	44.83 -4.43 0.00	38.80 -3.33 0.00	35.30 -2.37 0.00	35.04 -1.35 0.00
ONEIDA_HERK_LFGE 323681	35.25 0.38 0.00	33.59 0.33 0.00	32.20 0.29 0.00	31.05 0.28 0.00	30.93 0.31 0.00	34.02 0.40 0.00	41.04 0.49 0.00	46.37 0.51 0.00	41.20 0.37 0.00	34.47 0.24 0.00	31.95 0.22 0.00	31.87 0.22 0.00	29.83 0.18 0.00	28.32 0.17 0.00	27.52 0.17 0.00	29.72 0.23 0.00	32.39 0.23 0.00	37.57 0.44 -0.85	45.80 0.57 -1.01	52.05 0.75 -1.12	51.31 0.93 -1.11	43.86 0.76 -0.97	39.19 0.64 -0.88	37.86 0.62 -0.85
ONEIDA___115KV_TB4 55905	35.56 0.70 0.00	33.89 0.63 0.00	32.48 0.57 0.00	31.36 0.58 0.00	31.23 0.61 0.00	34.29 0.67 0.00	41.41 0.85 0.00	46.74 0.87 0.00	41.57 0.74 0.00	34.81 0.58 0.00	32.27 0.54 0.00	32.21 0.57 0.00	30.16 0.50 0.00	28.57 0.42 0.00	27.79 0.44 0.00	30.02 0.53 0.00	32.74 0.58 0.00	37.04 0.76 0.00	45.20 0.97 0.00	51.38 1.20 0.00	50.55 1.28 0.00	43.22 1.10 0.00	38.65 0.98 0.00	37.34 0.95 0.00
ONONDAGA_REF_OCCRA 23987	34.65 -0.21 0.00	33.03 -0.23 0.00	31.65 -0.26 0.00	30.56 -0.22 0.00	30.44 -0.18 0.00	33.35 -0.27 0.00	40.27 -0.28 0.00	45.45 -0.41 0.00	40.51 -0.33 0.00	34.06 -0.17 0.00	31.63 -0.10 0.00	31.52 -0.13 0.00	29.54 -0.12 0.00	28.01 -0.14 0.00	27.24 -0.11 0.00	29.40 -0.09 0.00	32.10 -0.06 0.00	36.21 -0.07 0.00	44.05 -0.18 0.00	50.02 -0.15 0.00	49.12 -0.15 0.00	42.04 -0.08 0.00	37.63 -0.04 0.00	36.43 0.04 0.00
ONONDAGA___COGEN 23986	34.76 -0.10 0.00	33.12 -0.13 0.00	31.72 -0.19 0.00	30.65 -0.12 0.00	30.53 -0.09 0.00	33.45 -0.17 0.00	40.39 -0.16 0.00	45.59 -0.28 0.00	40.63 -0.20 0.00	34.16 -0.07 0.00	31.73 0.00 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.10 -0.06 0.00	27.35 0.00 0.00	29.52 0.03 0.00	32.22 0.06 0.00	36.31 0.04 0.00	44.18 -0.04 0.00	50.17 0.00 0.00	49.22 -0.05 0.00	42.13 0.00 0.00	37.74 0.08 0.00	36.50 0.11 0.00
ONTARIO___LFGE 23819	34.44 -0.42 0.00	32.66 -0.60 0.00	31.30 -0.61 0.00	30.28 -0.49 0.00	30.16 -0.46 0.00	33.04 -0.57 0.00	39.95 -0.61 0.00	45.04 -0.82 0.00	40.18 -0.65 0.00	33.73 -0.51 -0.02	31.43 -0.32 -0.02	31.26 -0.38 0.00	29.30 -0.35 0.00	27.67 -0.48 0.00	26.99 -0.38 -0.02	29.10 -0.38 0.00	34.11 -0.38 -2.33	37.37 -0.29 -1.39	44.21 -0.31 -0.29	50.13 -0.05 -0.01	49.22 -0.05 0.00	42.21 0.08 0.00	37.93 0.27 0.00	36.94 0.55 0.00
ORANGEVILLE_WT_PWR 323706	32.00 -2.86 0.00	30.20 -3.06 0.00	28.94 -2.97 0.00	28.03 -2.74 0.00	27.93 -2.69 0.00	30.56 -3.06 0.00	36.90 -3.65 0.00	41.46 -4.40 0.00	37.04 -3.80 0.00	30.78 -3.25 0.19	28.71 -2.82 0.19	28.83 -2.82 0.00	27.11 -2.55 0.00	25.45 -2.70 0.00	24.62 -2.54 0.19	26.71 -2.77 0.00	4.01 -3.09 25.06	18.04 -3.34 14.90	37.05 -4.02 3.15	46.09 -4.02 0.07	45.77 -3.50 0.00	39.55 -2.57 0.00	35.90 -1.77 0.00	35.48 -0.91 0.00
ORANGEVILLE___ESR 323794	32.00 -2.86 0.00	30.20 -3.06 0.00	28.94 -2.97 0.00	28.03 -2.74 0.00	27.93 -2.69 0.00	30.56 -3.06 0.00	36.90 -3.65 0.00	41.46 -4.40 0.00	37.04 -3.80 0.00	30.78 -3.25 0.19	28.71 -2.82 0.19	28.83 -2.82 0.00	27.11 -2.55 0.00	25.45 -2.70 0.00	24.62 -2.54 0.19	26.71 -2.77 0.00	4.01 -3.09 25.06	18.04 -3.34 14.90	37.05 -4.02 3.15	46.09 -4.02 0.07	45.77 -3.50 0.00	39.55 -2.57 0.00	35.90 -1.77 0.00	35.48 -0.91 0.00
OSWEGATCHIE___HYD 24044	34.16 -0.70 0.00	32.53 -0.73 0.00	31.18 -0.73 0.00	30.00 -0.77 0.00	29.82 -0.80 0.00	32.94 -0.67 0.00	39.82 -0.73 0.00	44.95 -0.92 0.00	39.85 -0.98 0.00	33.31 -0.92 0.00	30.80 -0.92 0.00	30.76 -0.89 0.00	28.83 -0.83 0.00	27.39 -0.76 0.00	26.59 -0.77 0.00	28.69 -0.79 0.00	31.23 -0.93 0.00	39.61 -0.91 -4.24	48.22 -1.02 -5.02	54.87 -0.90 -5.60	54.17 -0.64 -5.54	46.37 -0.59 -4.83	41.44 -0.60 -4.38	40.08 -0.54 -4.23
OSWEGO___5 23606	34.16 -0.70 0.00	32.56 -0.70 0.00	31.21 -0.70 0.00	30.16 -0.62 0.00	30.01 -0.61 0.00	32.91 -0.71 0.00	39.70 -0.85 0.00	44.86 -1.01 0.00	39.97 -0.86 0.00	33.58 -0.65 0.00	31.16 -0.57 0.00	31.07 -0.57 0.00	29.12 -0.53 0.00	27.59 -0.56 0.00	26.83 -0.52 0.00	28.96 -0.53 0.00	31.61 -0.55 0.00	35.59 -0.69 0.00	43.29 -0.93 0.00	49.12 -1.06 0.00	48.23 -1.04 0.00	41.28 -0.84 0.00	36.99 -0.68 0.00	35.81 -0.58 0.00

OSWEGO___6 23613	34.16 -0.70 0.00	32.56 -0.70 0.00	31.21 -0.70 0.00	30.16 -0.62 0.00	30.01 -0.61 0.00	32.91 -0.71 0.00	39.70 -0.85 0.00	44.86 -1.01 0.00	39.97 -0.86 0.00	33.58 -0.65 0.00	31.16 -0.57 0.00	31.07 -0.57 0.00	29.12 -0.53 0.00	27.59 -0.56 0.00	26.83 -0.52 0.00	28.96 -0.53 0.00	31.61 -0.55 0.00	35.59 -0.69 0.00	43.29 -0.93 0.00	49.12 -1.06 0.00	48.23 -1.04 0.00	41.28 -0.84 0.00	36.99 -0.68 0.00	35.81 -0.58 0.00
OUTOKUMPU-AB___DRP 24206	32.11 -2.75 0.00	30.46 -2.79 0.00	29.07 -2.84 0.00	28.16 -2.62 0.00	27.99 -2.63 0.00	30.56 -3.06 0.00	37.07 -3.49 0.00	41.56 -4.31 0.00	37.40 -3.43 0.00	31.70 -2.50 0.03	29.54 -2.16 0.03	29.43 -2.21 0.00	27.58 -2.08 0.00	25.84 -2.31 0.00	24.95 -2.38 0.03	27.16 -2.33 0.00	26.38 -2.41 3.36	31.56 -2.72 2.00	40.13 -3.67 0.42	46.30 -3.86 0.01	45.87 -3.40 0.00	39.60 -2.53 0.00	35.97 -1.70 0.00	35.48 -0.91 0.00
OXBOW___BTM 323836	31.79 -3.07 0.00	30.00 -3.26 0.00	28.82 -3.09 0.00	27.91 -2.86 0.00	27.74 -2.88 0.00	30.29 -3.33 0.00	36.62 -3.93 0.00	41.14 -4.72 0.00	37.04 -3.80 0.00	31.33 -2.88 0.03	29.29 -2.41 0.03	29.11 -2.53 0.00	27.31 -2.34 0.00	25.56 -2.59 0.00	24.97 -2.35 0.03	26.89 -2.60 0.00	26.08 -2.64 3.44	31.33 -2.90 2.05	39.85 -3.94 0.43	45.80 -4.37 0.01	45.28 -3.99 0.00	39.18 -2.95 0.00	35.67 -2.00 0.00	35.37 -1.02 0.00
OXBOW____ 24026	31.72 -3.14 0.00	30.10 -3.16 0.00	28.72 -3.19 0.00	27.82 -2.95 0.00	27.65 -2.97 0.00	30.19 -3.43 0.00	36.58 -3.97 0.00	41.05 -4.82 0.00	36.95 -3.88 0.00	31.33 -2.88 0.03	29.22 -2.47 0.03	29.08 -2.56 0.00	27.25 -2.40 0.00	25.53 -2.62 0.00	24.70 -2.63 0.03	26.86 -2.62 0.00	26.05 -2.67 3.44	31.22 -3.01 2.05	39.77 -4.02 0.43	45.70 -4.47 0.01	45.23 -4.04 0.00	39.09 -3.03 0.00	35.48 -2.18 0.00	35.01 -1.38 0.00
OXY_CHEM_DSASP 323612	31.41 -3.45 0.00	29.83 -3.43 0.00	28.46 -3.45 0.00	27.57 -3.20 0.00	27.44 -3.18 0.00	29.95 -3.66 0.00	36.25 -4.30 0.00	40.64 -5.23 0.00	36.59 -4.25 0.00	31.09 -3.11 0.03	29.00 -2.70 0.03	28.83 -2.82 0.00	27.02 -2.64 0.00	25.31 -2.84 0.00	24.56 -2.76 0.03	26.63 -2.86 0.00	25.84 -2.80 3.53	30.99 -3.19 2.10	39.53 -4.25 0.44	45.25 -4.92 0.01	44.73 -4.53 0.00	38.67 -3.45 0.00	35.14 -2.52 0.00	34.64 -1.75 0.00
OZONE_PARK_ESR 323760	36.67 1.81 0.00	35.05 1.80 0.00	33.60 1.69 0.00	32.50 1.72 0.00	32.37 1.75 0.00	35.43 1.82 0.00	42.74 2.19 0.00	48.71 2.84 0.00	43.33 2.49 0.00	36.32 2.09 0.00	33.60 1.87 0.00	33.54 1.90 0.00	31.44 1.78 0.00	29.90 1.75 0.00	29.08 1.72 0.00	31.26 1.77 0.00	34.09 1.93 0.00	38.49 2.21 0.00	47.23 3.01 0.00	53.49 3.31 0.00	52.27 3.01 0.00	44.65 2.53 0.00	39.70 2.03 0.00	38.17 1.78 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	31.41 -3.45 0.00	29.83 -3.43 0.00	28.46 -3.45 0.00	27.57 -3.20 0.00	27.44 -3.18 0.00	29.95 -3.66 0.00	36.25 -4.30 0.00	40.64 -5.23 0.00	36.59 -4.25 0.00	31.09 -3.11 0.03	29.00 -2.70 0.03	28.83 -2.82 0.00	27.02 -2.64 0.00	25.31 -2.84 0.00	24.56 -2.76 0.03	26.63 -2.86 0.00	25.84 -2.80 3.53	30.99 -3.19 2.10	39.53 -4.25 0.44	45.25 -4.92 0.01	44.73 -4.53 0.00	38.67 -3.45 0.00	35.14 -2.52 0.00	34.64 -1.75 0.00
PACKARD__115KV_DUPONT_184 80571	31.41 -3.45 0.00	29.83 -3.43 0.00	28.46 -3.45 0.00	27.57 -3.20 0.00	27.44 -3.18 0.00	29.95 -3.66 0.00	36.25 -4.30 0.00	40.64 -5.23 0.00	36.59 -4.25 0.00	31.09 -3.11 0.03	29.00 -2.70 0.03	28.83 -2.82 0.00	27.02 -2.64 0.00	25.31 -2.84 0.00	24.56 -2.76 0.03	26.63 -2.86 0.00	25.84 -2.80 3.53	30.99 -3.19 2.10	39.53 -4.25 0.44	45.25 -4.92 0.01	44.73 -4.53 0.00	38.67 -3.45 0.00	35.14 -2.52 0.00	34.64 -1.75 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	36.47 1.60 -0.01	34.86 1.60 -0.01	33.45 1.53 -0.01	32.32 1.54 -0.01	32.22 1.59 -0.01	35.24 1.61 -0.01	42.49 1.95 0.01	48.43 2.57 0.01	43.03 2.21 0.01	36.10 1.88 0.01	33.40 1.68 0.01	33.31 1.68 0.01	31.22 1.57 0.01	29.69 1.55 0.01	28.88 1.53 0.01	31.04 1.56 0.01	33.86 1.70 0.01	38.23 1.96 0.01	46.91 2.70 0.01	53.08 2.91 0.01	51.92 2.66 0.01	44.35 2.23 0.01	39.43 1.77 0.01	38.00 1.60 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	36.61 1.74 -0.01	35.00 1.73 -0.01	33.55 1.63 -0.01	32.44 1.66 -0.01	32.34 1.71 -0.01	35.40 1.78 -0.01	42.65 2.11 0.01	48.57 2.71 0.01	43.15 2.33 0.01	36.17 1.95 0.01	33.43 1.71 0.01	33.37 1.74 0.01	31.28 1.63 0.01	29.75 1.60 0.01	28.93 1.59 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.34 2.07 0.01	47.05 2.83 0.01	53.23 3.06 0.01	52.12 2.86 0.01	44.52 2.40 0.01	39.58 1.92 0.01	38.18 1.78 -0.01
PATROON__115KV_TB1 80586	35.56 0.70 0.00	34.06 0.80 0.00	32.84 0.93 0.00	31.70 0.92 0.00	31.54 0.92 0.00	34.49 0.87 0.00	41.45 0.89 0.00	46.88 1.01 0.00	41.69 0.86 0.00	34.95 0.72 0.00	32.39 0.67 0.00	32.28 0.63 0.00	30.25 0.59 0.00	28.80 0.65 0.00	27.98 0.63 0.00	30.17 0.68 0.00	32.93 0.77 0.00	37.18 0.91 0.00	45.33 1.11 0.00	51.43 1.25 0.00	50.45 1.18 0.00	43.01 0.88 0.00	38.42 0.75 0.00	37.01 0.62 0.00
PATTRSNVILLE___SOLAR 323815	35.91 1.04 0.00	34.32 1.06 0.00	32.93 1.02 0.00	31.76 0.98 0.00	31.63 1.01 0.00	34.69 1.08 0.00	41.89 1.34 0.00	47.29 1.42 0.00	41.89 1.06 0.00	34.95 0.72 0.00	32.30 0.57 0.00	32.18 0.54 0.00	30.22 0.56 0.00	28.72 0.56 0.00	27.90 0.55 0.00	30.13 0.65 0.00	32.96 0.80 0.00	37.40 1.13 0.00	45.81 1.59 0.00	52.08 1.91 0.00	51.14 1.87 0.00	43.56 1.43 0.00	38.91 1.24 0.00	37.48 1.09 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	32.91 -1.95 0.00	31.23 -2.03 0.00	29.80 -2.11 0.00	28.87 -1.91 0.00	28.66 -1.96 0.00	31.29 -2.32 0.00	38.04 -2.51 0.00	42.66 -3.21 0.00	38.38 -2.45 0.00	32.09 -2.12 0.02	29.90 -1.81 0.02	30.12 -1.52 0.00	28.23 -1.42 0.00	26.46 -1.69 0.00	24.79 -2.54 0.02	27.78 -1.71 0.00	26.82 -2.89 2.44	31.56 -3.26 1.45	39.67 -4.25 0.31	47.56 -2.61 0.01	47.05 -2.22 0.00	40.61 -1.52 0.00	36.80 -0.87 0.00	36.32 -0.07 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	36.60 1.74 0.00	34.99 1.73 0.00	33.57 1.66 0.00	32.43 1.66 0.00	32.27 1.65 0.00	35.40 1.78 0.00	42.62 2.07 0.00	48.57 2.71 0.00	43.20 2.37 0.00	36.14 1.92 0.00	33.38 1.65 0.00	33.29 1.65 0.00	31.17 1.51 0.00	29.62 1.46 0.00	28.80 1.45 0.00	31.02 1.53 0.00	33.86 1.70 0.00	38.35 2.07 0.00	47.05 2.83 0.00	53.34 3.16 0.00	52.22 2.96 0.00	44.57 2.44 0.00	39.66 2.00 0.00	38.14 1.75 0.00
PEEKSKILL____ 23653	36.11 1.25 0.00	34.55 1.30 0.00	33.12 1.21 0.00	32.01 1.23 0.00	31.85 1.23 0.00	34.89 1.28 0.00	42.09 1.54 0.00	47.84 1.97 0.00	42.59 1.75 0.00	35.70 1.47 0.00	33.00 1.27 0.00	32.91 1.27 0.00	30.84 1.19 0.00	29.31 1.15 0.00	28.45 1.10 0.00	30.67 1.18 0.00	33.45 1.29 0.00	37.84 1.56 0.00	46.39 2.17 0.00	52.48 2.31 0.00	51.38 2.12 0.00	43.89 1.77 0.00	39.02 1.35 0.00	37.52 1.13 0.00

PGE MADISON___WINDPWR 24146	37.06 2.20 0.00	35.05 1.79 0.00	33.47 1.56 0.00	32.34 1.57 0.00	32.24 1.62 0.00	35.46 1.85 0.00	42.86 2.31 0.00	48.34 2.48 0.00	42.75 1.92 0.00	35.71 1.47 -0.01	33.16 1.43 -0.01	33.16 1.52 0.00	31.02 1.36 0.00	29.42 1.27 0.00	28.65 1.29 -0.01	30.93 1.44 0.00	34.31 1.29 -0.87	38.53 1.74 -0.51	46.59 2.25 -0.11	53.09 2.91 0.00	52.47 3.20 0.00	44.91 2.78 0.00	40.19 2.52 0.00	39.01 2.62 0.00
PIERCEFIELD___HYD 23852	34.06 -0.80 0.00	32.43 -0.83 0.00	31.14 -0.77 0.00	29.88 -0.89 0.00	29.67 -0.95 0.00	32.81 -0.81 0.00	39.66 -0.89 0.00	44.81 -1.05 0.00	39.81 -1.02 0.00	33.27 -0.96 0.00	30.77 -0.95 0.00	30.79 -0.85 0.00	28.85 -0.80 0.00	27.45 -0.70 0.00	26.59 -0.77 0.00	28.66 -0.83 0.00	31.10 -1.06 0.00	41.37 -1.16 -6.25	50.24 -1.37 -7.39	57.07 -1.35 -8.25	56.30 -1.13 -8.16	48.28 -0.97 -7.12	43.22 -0.90 -6.45	41.83 -0.80 -6.24
PINELAWN_CC_1 323563	36.64 1.78 0.00	35.09 1.83 0.00	33.63 1.72 0.00	32.50 1.72 0.00	32.33 1.71 0.00	35.56 1.95 0.00	43.11 2.56 0.00	49.12 3.26 0.00	43.57 2.74 0.00	36.49 2.26 0.00	33.69 1.97 0.00	33.44 1.80 0.00	31.17 1.51 0.00	29.59 1.43 0.00	28.64 1.29 0.00	30.93 1.44 0.00	33.89 1.74 0.00	38.24 1.96 0.00	47.10 2.87 0.00	52.93 2.76 0.00	51.88 2.61 0.00	44.74 2.61 0.00	39.59 1.92 0.00	37.99 1.60 0.00
PJM_GEN_HTP_PROXY 323702	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.12 1.50 0.00	35.16 1.55 0.00	42.42 1.87 0.00	48.34 2.48 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.37 1.65 0.00	33.26 1.61 0.00	31.17 1.51 0.00	29.64 1.49 0.00	28.78 1.42 0.00	30.99 1.50 0.00	33.80 1.64 0.00	38.24 1.96 0.00	46.88 2.65 0.00	52.98 2.81 0.00	51.83 2.56 0.00	44.27 2.15 0.00	39.32 1.66 0.00	37.81 1.42 0.00
PJM_GEN_KEystone 24065	34.41 -0.45 0.00	32.76 -0.50 0.00	31.43 -0.48 0.00	30.37 -0.40 0.00	30.22 -0.40 0.00	33.04 -0.57 0.00	39.95 -0.61 0.00	45.23 -0.64 0.00	40.39 -0.45 0.00	33.89 -0.34 0.00	31.47 -0.25 0.00	31.39 -0.25 0.00	29.42 -0.24 0.00	27.82 -0.34 0.00	27.05 -0.30 0.00	29.16 -0.32 0.00	31.64 -0.52 0.00	35.77 -0.51 0.00	43.65 -0.58 0.00	49.88 -0.30 0.00	48.97 -0.29 0.00	42.04 -0.08 0.00	37.63 -0.04 0.00	36.61 0.22 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.36 1.50 0.00	34.82 1.56 0.00	33.38 1.47 0.00	32.25 1.48 0.00	32.09 1.47 0.00	35.23 1.61 0.00	42.66 2.11 0.00	48.57 2.71 0.00	43.12 2.29 0.00	36.14 1.92 0.00	33.41 1.68 0.00	33.22 1.58 0.00	31.02 1.36 0.00	29.45 1.30 0.00	28.53 1.18 0.00	30.78 1.30 0.00	33.70 1.54 0.00	38.02 1.74 0.00	46.74 2.52 0.00	52.58 2.41 0.00	51.49 2.22 0.00	44.32 2.19 0.00	39.29 1.62 0.00	37.70 1.31 0.00
PJM_GEN_VFT_PROXY 323633	36.19 1.32 0.00	34.65 1.40 0.00	33.22 1.31 0.00	32.10 1.32 0.00	32.00 1.38 0.00	34.99 1.38 0.00	42.26 1.70 0.00	48.16 2.29 0.00	42.79 1.96 0.00	35.87 1.64 0.00	33.28 1.55 0.00	33.16 1.52 0.00	31.11 1.45 0.00	29.59 1.43 0.00	28.72 1.37 0.00	30.93 1.44 0.00	33.67 1.51 0.00	38.09 1.81 0.00	46.65 2.43 0.00	52.73 2.56 0.00	51.58 2.32 0.00	44.06 1.94 0.00	39.13 1.47 0.00	37.59 1.20 0.00
PLATSBURG_115KV_PMLD1 355749	33.71 -1.15 0.00	32.16 -1.10 0.00	31.02 -0.89 0.00	29.73 -1.05 0.00	29.43 -1.19 0.00	32.50 -1.11 0.00	39.38 -1.18 0.00	44.67 -1.19 0.00	39.81 -1.02 0.00	33.44 -0.79 0.00	30.93 -0.79 0.00	31.29 -0.35 0.00	29.21 -0.44 0.00	27.73 -0.42 0.00	26.78 -0.57 0.00	28.78 -0.71 0.00	30.65 -1.51 0.00	-6.38 -1.74 40.92	-6.29 -2.12 48.39	-6.15 -2.31 54.01	-6.26 -2.07 53.46	-6.33 -1.81 46.64	-6.32 -1.73 42.26	-6.20 -1.75 40.84
PLEASANTVLY___LBMP 24000	36.12 1.26 0.00	34.52 1.26 0.00	33.15 1.24 0.00	32.03 1.26 0.00	31.91 1.29 0.00	34.93 1.31 0.00	42.09 1.54 0.00	47.84 1.97 0.00	42.59 1.76 0.00	35.63 1.40 0.00	32.96 1.24 0.00	32.84 1.20 0.00	30.78 1.13 0.00	29.28 1.13 0.00	28.48 1.12 0.00	30.64 1.15 0.00	33.45 1.29 0.00	37.77 1.49 0.00	46.30 2.08 0.00	52.38 2.21 0.00	51.34 2.07 0.00	43.85 1.73 0.00	39.02 1.36 0.00	37.55 1.16 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.33 1.46 0.00	34.72 1.46 0.00	33.35 1.44 0.00	32.22 1.45 0.00	32.06 1.44 0.00	35.13 1.51 0.00	42.34 1.78 0.00	48.16 2.29 0.00	42.88 2.04 0.00	35.91 1.68 0.00	33.22 1.49 0.00	33.13 1.49 0.00	31.02 1.36 0.00	29.50 1.35 0.00	28.69 1.34 0.00	30.87 1.39 0.00	33.67 1.51 0.00	38.02 1.74 0.00	46.66 2.43 0.00	52.78 2.61 0.00	51.73 2.46 0.00	44.19 2.06 0.00	39.29 1.62 0.00	37.81 1.42 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.33 1.46 0.00	34.72 1.46 0.00	33.35 1.44 0.00	32.22 1.45 0.00	32.06 1.44 0.00	35.13 1.51 0.00	42.34 1.78 0.00	48.16 2.29 0.00	42.88 2.04 0.00	35.91 1.68 0.00	33.22 1.49 0.00	33.13 1.49 0.00	31.02 1.36 0.00	29.50 1.35 0.00	28.69 1.34 0.00	30.87 1.39 0.00	33.67 1.51 0.00	38.02 1.74 0.00	46.66 2.43 0.00	52.78 2.61 0.00	51.73 2.46 0.00	44.19 2.06 0.00	39.29 1.62 0.00	37.81 1.42 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.33 1.46 0.00	34.72 1.46 0.00	33.35 1.44 0.00	32.19 1.42 0.00	32.06 1.44 0.00	35.13 1.51 0.00	42.34 1.78 0.00	48.12 2.25 0.00	42.84 2.00 0.00	35.80 1.57 0.00	33.06 1.33 0.00	32.94 1.30 0.00	30.90 1.25 0.00	29.36 1.21 0.00	28.56 1.20 0.00	30.75 1.27 0.00	33.57 1.42 0.00	37.98 1.71 0.00	46.57 2.34 0.00	52.83 2.66 0.00	51.73 2.46 0.00	44.15 2.02 0.00	39.32 1.66 0.00	37.85 1.46 0.00
POLETTI___ 23519	36.46 1.60 0.00	34.82 1.56 0.00	33.41 1.50 0.00	32.31 1.54 0.00	32.18 1.56 0.00	35.23 1.61 0.00	42.42 1.87 0.00	48.30 2.43 0.00	42.96 2.12 0.00	36.04 1.81 0.00	33.38 1.65 0.00	33.29 1.65 0.00	31.20 1.54 0.00	29.67 1.52 0.00	28.86 1.50 0.00	31.02 1.53 0.00	33.80 1.64 0.00	38.20 1.92 0.00	46.79 2.56 0.00	52.93 2.76 0.00	51.78 2.51 0.00	44.23 2.11 0.00	39.36 1.70 0.00	37.95 1.56 0.00
POMONA___ESR 323819	36.11 1.25 0.00	34.55 1.30 0.00	33.12 1.21 0.00	32.01 1.23 0.00	31.85 1.23 0.00	34.89 1.28 0.00	42.13 1.58 0.00	47.88 2.02 0.00	42.63 1.79 0.00	35.70 1.47 0.00	33.03 1.30 0.00	32.91 1.27 0.00	30.87 1.22 0.00	29.31 1.15 0.00	28.45 1.10 0.00	30.67 1.18 0.00	33.45 1.29 0.00	37.84 1.56 0.00	46.35 2.12 0.00	52.48 2.31 0.00	51.43 2.17 0.00	43.94 1.81 0.00	39.06 1.39 0.00	37.55 1.16 0.00
PORT_JEFF_3 23555	36.60 1.74 0.00	35.19 1.93 0.00	33.70 1.79 0.00	32.59 1.82 0.00	32.40 1.78 0.00	35.73 2.12 0.00	43.48 2.92 0.00	49.54 3.67 0.00	43.94 3.10 0.00	36.80 2.57 0.00	33.95 2.22 0.00	33.60 1.96 0.00	31.23 1.57 0.00	29.56 1.41 0.00	28.56 1.20 0.00	30.84 1.36 0.00	33.89 1.74 0.00	38.16 1.89 0.00	47.10 2.87 0.00	52.88 2.71 0.00	51.83 2.56 0.00	44.74 2.61 0.00	39.55 1.88 0.00	37.92 1.53 0.00

PORT_JEFF_4 23616	36.47 1.60 0.00	35.05 1.79 0.00	33.60 1.69 0.00	32.50 1.72 0.00	32.30 1.68 0.00	35.60 1.98 0.00	43.35 2.80 0.00	49.40 3.53 0.00	43.81 2.98 0.00	36.69 2.47 0.00	33.85 2.13 0.00	33.51 1.87 0.00	31.14 1.48 0.00	29.48 1.32 0.00	28.45 1.10 0.00	30.75 1.27 0.00	33.77 1.61 0.00	38.02 1.74 0.00	46.92 2.70 0.00	52.68 2.51 0.00	51.63 2.36 0.00	44.53 2.40 0.00	39.36 1.70 0.00	37.77 1.38 0.00
PORT_JEFF_IC 23713	36.57 1.71 0.00	34.79 1.53 0.00	33.67 1.76 0.00	32.71 1.94 0.00	32.61 1.99 0.00	35.90 2.29 0.00	43.43 2.88 0.00	49.45 3.58 0.00	44.02 3.19 0.00	36.73 2.50 0.00	33.91 2.19 0.00	33.60 1.96 0.00	31.20 1.54 0.00	29.53 1.38 0.00	28.67 1.31 0.00	30.84 1.36 0.00	33.86 1.70 0.00	38.09 1.81 0.00	47.05 2.83 0.00	52.88 2.71 0.00	51.83 2.56 0.00	44.70 2.57 0.00	39.66 2.00 0.00	37.99 1.60 0.00
PPL_PILGRIM_ST_GT1 24216	36.78 1.92 0.00	35.25 2.00 0.00	33.79 1.88 0.00	32.65 1.88 0.00	32.49 1.87 0.00	35.77 2.15 0.00	43.43 2.88 0.00	49.49 3.62 0.00	43.86 3.02 0.00	36.76 2.53 0.00	33.91 2.19 0.00	33.60 1.96 0.00	31.29 1.63 0.00	29.67 1.52 0.00	28.69 1.34 0.00	30.99 1.50 0.00	34.02 1.86 0.00	38.31 2.03 0.00	47.23 3.01 0.00	53.13 2.96 0.00	52.07 2.81 0.00	44.86 2.74 0.00	39.66 2.00 0.00	38.10 1.71 0.00
PPL_PILGRIM_ST_GT2 24217	36.78 1.92 0.00	35.25 2.00 0.00	33.79 1.88 0.00	32.65 1.88 0.00	32.49 1.87 0.00	35.77 2.15 0.00	43.43 2.88 0.00	49.49 3.62 0.00	43.86 3.02 0.00	36.76 2.53 0.00	33.91 2.19 0.00	33.60 1.96 0.00	31.29 1.63 0.00	29.67 1.52 0.00	28.69 1.34 0.00	30.99 1.50 0.00	34.02 1.86 0.00	38.31 2.03 0.00	47.23 3.01 0.00	53.13 2.96 0.00	52.07 2.81 0.00	44.86 2.74 0.00	39.66 2.00 0.00	38.10 1.71 0.00
PPL_SHRM_GT3 24213	36.01 1.15 0.00	34.76 1.50 0.00	33.31 1.40 0.00	32.25 1.48 0.00	32.06 1.44 0.00	35.43 1.81 0.00	43.39 2.84 0.00	49.45 3.58 0.00	43.81 2.98 0.00	36.73 2.50 0.00	33.82 2.09 0.00	33.38 1.74 0.00	30.90 1.25 0.00	29.14 0.98 0.00	28.04 0.68 0.00	30.31 0.82 0.00	33.28 1.13 0.00	37.47 1.20 0.00	46.30 2.08 0.00	51.98 1.80 0.00	50.94 1.68 0.00	43.94 1.81 0.00	38.84 1.17 0.00	37.26 0.87 0.00
PPL_SHRM_GT4 24214	36.01 1.15 0.00	34.76 1.50 0.00	33.31 1.40 0.00	32.25 1.48 0.00	32.06 1.44 0.00	35.43 1.81 0.00	43.39 2.84 0.00	49.45 3.58 0.00	43.81 2.98 0.00	36.73 2.50 0.00	33.82 2.09 0.00	33.38 1.74 0.00	30.90 1.25 0.00	29.14 0.98 0.00	28.04 0.68 0.00	30.31 0.82 0.00	33.28 1.13 0.00	37.47 1.20 0.00	46.30 2.08 0.00	51.98 1.80 0.00	50.94 1.68 0.00	43.94 1.81 0.00	38.84 1.17 0.00	37.26 0.87 0.00
PROJECT___ORANGE 1 24174	34.55 -0.31 0.00	32.93 -0.33 0.00	31.56 -0.35 0.00	30.50 -0.28 0.00	30.35 -0.28 0.00	33.24 -0.37 0.00	40.15 -0.41 0.00	45.36 -0.50 0.00	40.43 -0.41 0.00	33.99 -0.24 0.00	31.57 -0.16 0.00	31.45 -0.19 0.00	29.51 -0.15 0.00	27.96 -0.20 0.00	27.19 -0.16 0.00	29.34 -0.15 0.00	32.06 -0.10 0.00	36.13 -0.15 0.00	43.96 -0.27 0.00	49.87 -0.30 0.00	48.92 -0.34 0.00	41.87 -0.25 0.00	37.52 -0.15 0.00	36.28 -0.11 0.00
PROJECT___ORANGE 2 24166	34.55 -0.31 0.00	32.93 -0.33 0.00	31.56 -0.35 0.00	30.50 -0.28 0.00	30.35 -0.28 0.00	33.24 -0.37 0.00	40.15 -0.41 0.00	45.36 -0.50 0.00	40.43 -0.41 0.00	33.99 -0.24 0.00	31.57 -0.16 0.00	31.45 -0.19 0.00	29.51 -0.15 0.00	27.96 -0.20 0.00	27.19 -0.16 0.00	29.34 -0.15 0.00	32.06 -0.10 0.00	36.13 -0.15 0.00	43.96 -0.27 0.00	49.87 -0.30 0.00	48.92 -0.34 0.00	41.87 -0.25 0.00	37.52 -0.15 0.00	36.28 -0.11 0.00
PUCKETT___SOLAR 323809	35.25 0.38 0.00	33.49 0.23 0.00	32.10 0.19 0.00	31.02 0.25 0.00	30.90 0.27 0.00	33.85 0.24 0.00	40.92 0.36 0.00	46.19 0.32 0.00	41.08 0.25 0.00	34.37 0.14 0.00	31.92 0.19 0.00	31.87 0.22 0.00	29.83 0.18 0.00	28.24 0.08 0.00	27.49 0.14 0.00	29.66 0.18 0.00	32.22 0.06 0.00	36.46 0.18 0.00	44.58 0.35 0.00	50.93 0.75 0.00	50.05 0.79 0.00	42.89 0.76 0.00	38.42 0.75 0.00	37.30 0.91 0.00
PYRITES___HYD 24023	34.83 -0.03 0.00	33.09 -0.17 0.00	31.78 -0.13 0.00	30.50 -0.28 0.00	30.28 -0.34 0.00	33.51 -0.10 0.00	40.55 0.00 0.00	45.73 -0.14 0.00	40.51 -0.33 0.00	33.78 -0.44 0.00	31.22 -0.51 0.00	31.26 -0.38 0.00	29.27 -0.39 0.00	27.87 -0.28 0.00	27.00 -0.36 0.00	29.16 -0.32 0.00	31.64 -0.51 0.00	41.42 -0.47 0.00	50.37 -0.49 0.00	57.28 -0.30 0.00	56.60 0.00 -7.33	48.52 0.00 -6.40	43.42 -0.04 -5.80	42.03 0.04 -5.60
QUAKERRD_115KV_BK1 80622	32.91 -1.95 0.00	31.30 -1.96 0.00	29.93 -1.98 0.00	28.96 -1.82 0.00	28.81 -1.81 0.00	31.60 -2.02 0.00	38.12 -2.43 0.00	43.02 -2.84 0.00	38.51 -2.33 0.00	32.55 -1.68 0.00	30.33 -1.40 0.00	30.12 -1.52 0.00	28.26 -1.39 0.00	26.66 -1.49 0.00	26.04 -1.31 0.00	28.01 -1.47 0.00	30.97 -1.19 0.00	34.86 -1.41 0.00	42.28 -1.95 0.00	47.62 -2.56 0.00	46.90 -2.36 0.00	40.31 -1.81 0.00	36.27 -1.39 0.00	35.23 -1.16 0.00
QUEENSBRY_115KV_TB8 356137	36.64 1.78 0.00	35.05 1.80 0.00	33.60 1.69 0.00	32.40 1.63 0.00	32.27 1.65 0.00	35.46 1.85 0.00	43.03 2.47 0.00	48.80 2.94 0.00	43.08 2.25 0.00	35.67 1.44 0.00	32.84 1.11 0.00	32.75 1.11 0.00	30.84 1.19 0.00	29.39 1.24 0.00	28.61 1.26 0.00	30.90 1.42 0.00	33.90 1.74 0.00	38.45 2.18 0.00	47.23 3.01 0.00	54.04 3.86 0.00	53.01 3.74 0.00	44.95 2.82 0.00	40.15 2.49 0.00	38.57 2.18 0.00
RAMAPO___LBMP 323565	36.01 1.15 0.00	34.39 1.13 0.00	33.00 1.08 0.00	31.88 1.11 0.00	31.75 1.13 0.00	34.76 1.14 0.00	41.93 1.38 0.00	47.66 1.79 0.00	42.43 1.59 0.00	35.53 1.30 0.00	32.87 1.14 0.00	32.78 1.14 0.00	30.72 1.07 0.00	29.19 1.04 0.00	28.37 1.01 0.00	30.55 1.06 0.00	33.32 1.16 0.00	37.66 1.38 0.00	46.17 1.95 0.00	52.28 2.11 0.00	51.19 1.92 0.00	43.73 1.60 0.00	38.91 1.24 0.00	37.45 1.06 0.00
RANKINE____ 23646	32.53 -2.34 0.00	30.86 -2.39 0.00	29.45 -2.46 0.00	28.53 -2.25 0.00	28.35 -2.27 0.00	30.93 -2.69 0.00	37.55 -3.00 0.00	42.15 -3.72 0.00	37.93 -2.90 0.00	31.98 -2.22 0.02	29.83 -1.87 0.02	29.84 -1.80 0.00	27.97 -1.69 0.00	26.18 -1.97 0.00	25.01 -2.33 0.02	27.51 -1.98 0.00	26.96 -2.44 2.76	31.88 -2.76 1.64	40.21 -3.67 0.35	46.96 -3.21 0.01	46.51 -2.76 0.00	40.19 -1.94 0.00	36.46 -1.21 0.00	35.99 -0.40 0.00
RAVENSWOOD_GT2_1 24244	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.31 1.54 0.00	32.18 1.56 0.00	35.23 1.61 0.00	42.50 1.95 0.00	48.44 2.57 0.00	43.04 2.21 0.00	36.08 1.85 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.23 1.57 0.00	29.70 1.55 0.00	28.89 1.53 0.00	31.05 1.56 0.00	33.86 1.70 0.00	38.24 1.96 0.00	46.92 2.70 0.00	53.08 2.91 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.44 1.77 0.00	37.92 1.53 0.00

RAVENSWOOD_GT2_2 24245	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.31 1.54 0.00	32.18 1.56 0.00	35.23 1.61 0.00	42.50 1.95 0.00	48.44 2.57 0.00	43.04 2.21 0.00	36.08 1.85 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.23 1.57 0.00	29.70 1.55 0.00	28.89 1.53 0.00	31.05 1.56 0.00	33.86 1.70 0.00	38.24 1.96 0.00	46.92 2.70 0.00	53.08 2.91 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.44 1.77 0.00	37.92 1.53 0.00
RAVENSWOOD_GT2_3 24246	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.34 1.57 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.44 2.57 0.00	43.08 2.25 0.00	36.11 1.88 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.23 1.57 0.00	29.70 1.55 0.00	28.89 1.53 0.00	31.05 1.56 0.00	33.86 1.70 0.00	38.24 1.96 0.00	46.92 2.70 0.00	53.08 2.91 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.44 1.77 0.00	37.95 1.56 0.00
RAVENSWOOD_GT2_4 24247	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.34 1.57 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.44 2.57 0.00	43.08 2.25 0.00	36.11 1.88 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.23 1.57 0.00	29.70 1.55 0.00	28.89 1.53 0.00	31.05 1.56 0.00	33.86 1.70 0.00	38.24 1.96 0.00	46.92 2.70 0.00	53.08 2.91 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.44 1.77 0.00	37.95 1.56 0.00
RAVENSWOOD_GT3_1 24248	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.31 1.54 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.44 2.57 0.00	43.04 2.21 0.00	36.11 1.88 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.23 1.57 0.00	29.70 1.55 0.00	28.89 1.53 0.00	31.05 1.56 0.00	33.86 1.70 0.00	38.24 1.96 0.00	46.92 2.70 0.00	53.08 2.91 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.44 1.77 0.00	37.95 1.56 0.00
RAVENSWOOD_GT3_2 24249	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.31 1.54 0.00	32.21 1.59 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.44 2.57 0.00	43.04 2.21 0.00	36.11 1.88 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.23 1.57 0.00	29.70 1.55 0.00	28.89 1.53 0.00	31.05 1.56 0.00	33.86 1.70 0.00	38.24 1.96 0.00	46.92 2.70 0.00	53.08 2.91 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.44 1.77 0.00	37.95 1.56 0.00
RAVENSWOOD_GT3_3 24250	36.50 1.64 0.00	34.89 1.63 0.00	33.47 1.56 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.29 1.68 0.00	42.54 1.99 0.00	48.48 2.61 0.00	43.08 2.25 0.00	36.14 1.92 0.00	33.44 1.71 0.00	33.35 1.71 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.91 1.56 0.00	31.08 1.59 0.00	33.90 1.74 0.00	38.27 2.00 0.00	46.97 2.74 0.00	53.13 2.96 0.00	51.98 2.71 0.00	44.40 2.27 0.00	39.48 1.81 0.00	37.99 1.60 0.00
RAVENSWOOD_GT3_4 24251	36.50 1.64 0.00	34.89 1.63 0.00	33.47 1.56 0.00	32.37 1.60 0.00	32.24 1.62 0.00	35.29 1.68 0.00	42.54 1.99 0.00	48.48 2.61 0.00	43.08 2.25 0.00	36.14 1.92 0.00	33.44 1.71 0.00	33.35 1.71 0.00	31.26 1.60 0.00	29.73 1.58 0.00	28.91 1.56 0.00	31.08 1.59 0.00	33.90 1.74 0.00	38.27 2.00 0.00	46.97 2.74 0.00	53.13 2.96 0.00	51.98 2.71 0.00	44.40 2.27 0.00	39.48 1.81 0.00	37.99 1.60 0.00
RAVENSWOOD_GT_1 23729	39.77 1.78 -3.14	38.43 1.76 -3.41	37.16 1.69 -3.56	36.24 1.69 -3.77	35.97 1.75 -3.60	38.76 1.78 -3.36	44.75 2.15 -2.05	49.80 2.80 -1.13	47.38 2.41 -4.13	39.63 2.05 -3.35	39.90 1.84 -6.34	40.40 1.84 -6.92	38.97 1.72 -7.59	39.10 1.69 -9.26	38.52 1.67 -9.50	39.24 1.71 -8.05	41.16 1.87 -7.13	44.75 2.14 -6.33	50.92 2.92 -3.78	55.89 3.16 -2.55	54.31 2.91 -2.13	48.92 2.44 -4.35	42.38 1.96 -2.76	41.02 1.75 -2.88
RAVENSWOOD_GT_10 24258	36.40 1.60 0.06	34.79 1.60 0.07	33.37 1.53 0.07	32.24 1.54 0.08	32.26 1.56 -0.08	35.16 1.61 0.07	42.46 1.95 0.04	48.37 2.52 0.02	42.83 2.21 0.21	36.01 1.85 0.07	33.11 1.68 0.30	32.97 1.68 0.35	30.85 1.57 0.38	29.21 1.55 0.49	28.38 1.53 0.50	30.65 1.56 0.40	33.51 1.70 0.36	37.92 1.96 0.32	46.73 2.70 0.19	52.96 2.91 0.13	51.82 2.66 0.11	44.14 2.23 0.22	39.34 1.73 0.06	37.86 1.53 0.06
RAVENSWOOD_GT_11 24259	36.40 1.60 0.06	34.79 1.60 0.07	33.37 1.53 0.07	32.24 1.54 0.08	32.26 1.56 -0.08	35.16 1.61 0.07	42.46 1.95 0.04	48.37 2.52 0.02	42.83 2.21 0.21	36.01 1.85 0.07	33.11 1.68 0.30	32.97 1.68 0.35	30.85 1.57 0.38	29.21 1.55 0.49	28.38 1.53 0.50	30.65 1.56 0.40	33.51 1.70 0.36	37.92 1.96 0.32	46.73 2.70 0.19	52.96 2.91 0.13	51.82 2.66 0.11	44.14 2.23 0.22	39.34 1.73 0.06	37.86 1.53 0.06
RAVENSWOOD_GT_4 24252	37.85 1.57 -1.42	36.37 1.56 -1.55	35.02 1.50 -1.61	34.02 1.54 -1.71	34.89 1.53 -2.74	36.75 1.61 -1.52	43.38 1.91 -0.92	48.90 2.52 -0.51	43.00 2.16 -0.01	37.56 1.81 -1.52	33.70 1.65 -0.32	33.29 1.65 -0.01	31.20 1.54 -0.01	29.23 1.52 0.44	28.43 1.50 0.43	31.03 1.53 -0.01	33.84 1.67 -0.01	38.21 1.92 -0.01	46.87 2.65 0.01	53.04 2.86 -0.01	51.88 2.61 -0.01	44.32 2.19 -0.01	40.65 1.73 -1.25	39.22 1.53 -1.30
RAVENSWOOD_GT_5 24254	37.85 1.57 -1.42	36.37 1.56 -1.55	35.02 1.50 -1.61	34.02 1.54 -1.71	34.89 1.53 -2.74	36.75 1.61 -1.52	43.38 1.91 -0.92	48.90 2.52 -0.51	43.00 2.16 -0.01	37.56 1.81 -1.52	33.70 1.65 -0.32	33.29 1.65 -0.01	31.20 1.54 -0.01	29.23 1.52 0.44	28.43 1.50 0.43	31.03 1.53 -0.01	33.84 1.67 -0.01	38.21 1.92 -0.01	46.87 2.65 0.01	53.04 2.86 -0.01	51.88 2.61 -0.01	44.32 2.19 -0.01	40.65 1.73 -1.25	39.22 1.53 -1.30
RAVENSWOOD_GT_6 24253	37.85 1.57 -1.42	36.37 1.56 -1.55	35.02 1.50 -1.61	34.02 1.54 -1.71	34.89 1.53 -2.74	36.75 1.61 -1.52	43.38 1.91 -0.92	48.90 2.52 -0.51	43.00 2.16 -0.01	37.56 1.81 -1.52	33.70 1.65 -0.32	33.29 1.65 -0.01	31.20 1.54 -0.01	29.23 1.52 0.44	28.43 1.50 0.43	31.03 1.53 -0.01	33.84 1.67 -0.01	38.21 1.92 -0.01	46.87 2.65 0.01	53.04 2.86 -0.01	51.88 2.61 -0.01	44.32 2.19 -0.01	40.65 1.73 -1.25	39.22 1.53 -1.30
RAVENSWOOD_GT_7 24255	37.85 1.57 -1.42	36.37 1.56 -1.55	35.02 1.50 -1.61	34.02 1.54 -1.71	34.89 1.53 -2.74	36.75 1.61 -1.52	43.38 1.91 -0.92	48.90 2.52 -0.51	43.00 2.16 -0.01	37.56 1.81 -1.52	33.70 1.65 -0.32	33.29 1.65 -0.01	31.20 1.54 -0.01	29.23 1.52 0.44	28.43 1.50 0.43	31.03 1.53 -0.01	33.84 1.67 -0.01	38.21 1.92 -0.01	46.87 2.65 0.01	53.04 2.86 -0.01	51.88 2.61 -0.01	44.32 2.19 -0.01	40.65 1.73 -1.25	39.22 1.53 -1.30
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.40 1.60 0.06	34.79 1.60 0.07	33.37 1.53 0.07	32.24 1.54 0.08	32.26 1.56 -0.08	35.16 1.61 0.07	42.46 1.95 0.04	48.37 2.52 0.02	42.83 2.21 0.21	36.01 1.85 0.07	33.11 1.68 0.30	32.97 1.68 0.35	30.85 1.57 0.38	29.21 1.55 0.49	28.38 1.53 0.50	30.65 1.56 0.40	33.51 1.70 0.36	37.92 1.96 0.32	46.73 2.70 0.19	52.96 2.91 0.13	51.82 2.66 0.11	44.14 2.23 0.22	39.34 1.73 0.06	37.86 1.53 0.06

RAVENSWOOD_GT_9 24257	36.40 1.60 0.06	34.79 1.60 0.07	33.37 1.53 0.07	32.24 1.54 0.08	32.26 1.56 -0.08	35.16 1.61 0.07	42.46 1.95 0.04	48.37 2.52 0.02	42.83 2.21 0.21	36.01 1.85 0.07	33.11 1.68 0.30	32.97 1.68 0.35	30.85 1.57 0.38	29.21 1.55 0.49	28.38 1.53 0.50	30.65 1.56 0.40	33.51 1.70 0.36	37.92 1.96 0.32	46.73 2.70 0.19	52.96 2.91 0.13	51.82 2.66 0.11	44.14 2.23 0.22	39.34 1.73 0.06	37.86 1.53 0.06
RAVENSWOOD___1 23533	37.20 1.71 -0.63	35.74 1.79 -0.69	34.29 1.66 -0.72	33.19 1.66 -0.76	33.10 1.71 -0.77	36.04 1.75 -0.68	43.08 2.11 -0.42	48.85 2.75 -0.23	45.25 2.37 -2.05	36.96 2.05 -0.68	36.51 1.84 -2.94	36.92 1.83 -3.44	35.15 1.72 -3.77	34.73 1.69 -4.89	33.97 1.61 -5.00	35.19 1.71 -4.00	37.53 1.83 -3.54	41.60 2.18 -3.14	49.03 2.92 -1.88	54.55 3.11 -1.27	53.23 2.91 -1.06	46.69 2.40 -2.16	40.11 1.88 -0.56	38.61 1.64 -0.58
RAVENSWOOD___2 23534	37.20 1.71 -0.63	35.74 1.79 -0.69	34.28 1.66 -0.72	33.19 1.66 -0.76	33.10 1.71 -0.77	36.04 1.75 -0.68	43.07 2.11 -0.41	48.80 2.71 -0.23	45.24 2.37 -2.04	36.95 2.05 -0.67	36.49 1.84 -2.93	36.87 1.80 -3.43	35.10 1.69 -3.76	34.69 1.66 -4.87	33.95 1.61 -4.98	35.15 1.68 -3.98	37.52 1.83 -3.53	41.59 2.18 -3.13	49.02 2.92 -1.88	54.55 3.11 -1.26	53.18 2.86 -1.05	46.68 2.40 -2.15	40.10 1.88 -0.55	38.61 1.64 -0.58
RAVENSWOOD___3 23535	36.43 1.57 0.00	34.89 1.63 0.00	33.44 1.53 0.00	32.31 1.54 0.00	32.18 1.56 0.00	35.23 1.61 0.00	42.50 1.95 0.00	48.39 2.52 0.00	43.04 2.20 0.00	36.11 1.88 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.23 1.57 0.00	29.70 1.55 0.00	28.83 1.48 0.00	31.05 1.56 0.00	33.86 1.70 0.00	38.27 1.99 0.00	46.92 2.70 0.00	53.03 2.86 0.00	51.93 2.66 0.00	44.32 2.19 0.00	39.40 1.73 0.00	37.85 1.46 0.00
RAVENSWOOD___4 23820	34.73 1.71 1.83	33.05 1.79 2.00	31.48 1.66 2.09	30.22 1.66 2.21	30.31 1.71 2.02	33.39 1.75 1.97	41.47 2.11 1.19	47.92 2.71 0.66	43.19 2.37 0.01	34.28 2.02 1.96	33.15 1.84 0.42	33.44 1.80 0.01	31.34 1.69 0.01	30.39 1.66 -0.58	29.49 1.59 -0.55	31.16 1.68 0.01	33.98 1.83 0.01	38.45 2.18 0.01	47.10 2.87 -0.01	53.23 3.06 0.01	52.11 2.86 0.01	44.52 2.40 0.01	37.94 1.88 1.61	36.34 1.64 1.68
RCPI_TRUST___DRP 24196	36.57 1.71 0.00	34.95 1.70 0.00	33.54 1.63 0.00	32.40 1.63 0.00	32.27 1.65 0.00	35.36 1.75 0.00	42.62 2.07 0.00	48.62 2.75 0.00	43.20 2.37 0.00	36.25 2.02 0.00	33.53 1.81 0.00	33.45 1.80 0.00	31.38 1.72 0.00	29.87 1.72 0.00	29.05 1.70 0.00	31.20 1.71 0.00	33.99 1.83 0.00	38.38 2.10 0.00	47.14 2.92 0.00	53.34 3.16 0.00	52.12 2.86 0.00	44.49 2.36 0.00	39.55 1.88 0.00	38.14 1.75 0.00
RED___ROCHESTER 323720	33.54 -1.32 0.00	31.73 -1.53 0.00	30.44 -1.47 0.00	29.48 -1.29 0.00	29.34 -1.28 0.00	32.14 -1.48 0.00	38.77 -1.78 0.00	43.76 -2.11 0.00	39.20 -1.63 0.00	33.13 -1.10 0.00	30.93 -0.79 0.00	30.76 -0.89 0.00	28.83 -0.83 0.00	27.17 -0.99 0.00	26.48 -0.88 0.00	28.54 -0.94 0.00	31.61 -0.55 0.00	35.73 -0.54 0.00	43.16 -1.06 0.00	48.62 -1.56 0.00	47.94 -1.33 0.00	41.28 -0.84 0.00	37.25 -0.41 0.00	36.32 -0.07 0.00
REGAN___SOLAR 323812	36.78 1.92 0.00	35.09 1.83 0.00	33.63 1.72 0.00	32.40 1.63 0.00	32.30 1.68 0.00	35.53 1.92 0.00	42.99 2.43 0.00	48.39 2.52 0.00	42.67 1.84 0.00	35.46 1.23 0.00	32.68 0.95 0.00	32.53 0.88 0.00	30.58 0.92 0.00	29.08 0.93 0.00	28.26 0.90 0.00	30.55 1.06 0.00	33.51 1.35 0.00	38.20 1.92 0.00	46.97 2.74 0.00	53.69 3.51 0.00	52.71 3.45 0.00	44.78 2.66 0.00	40.00 2.34 0.00	38.54 2.15 0.00
RENSSELAER___COGEN 23796	35.45 0.59 0.00	33.96 0.70 0.00	32.71 0.80 0.00	31.57 0.80 0.00	31.45 0.83 0.00	34.35 0.74 0.00	41.32 0.77 0.00	46.69 0.83 0.00	41.53 0.69 0.00	34.84 0.62 0.00	32.26 0.54 0.00	32.15 0.50 0.00	30.13 0.47 0.00	28.69 0.53 0.00	27.85 0.49 0.00	30.05 0.56 0.00	32.84 0.68 0.00	37.11 0.84 0.00	45.20 0.97 0.00	51.18 1.00 0.00	50.20 0.93 0.00	42.84 0.72 0.00	38.27 0.60 0.00	36.83 0.44 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.51 2.65 0.00	35.85 2.59 0.00	34.37 2.46 0.00	33.11 2.34 0.00	33.01 2.39 0.00	36.34 2.72 0.00	44.20 3.65 0.00	50.04 4.17 0.00	43.94 3.10 0.00	36.25 2.02 0.00	33.25 1.52 0.00	33.16 1.52 0.00	31.29 1.63 0.00	29.81 1.66 0.00	29.05 1.70 0.00	31.34 1.86 0.00	34.47 2.32 0.00	39.29 3.01 0.00	48.42 4.20 0.00	55.74 5.57 0.00	54.69 5.42 0.00	46.17 4.04 0.00	41.25 3.58 0.00	39.59 3.20 0.00
REVERE_CPPR_DRP 24186	35.77 0.91 0.00	34.06 0.80 0.00	32.64 0.73 0.00	31.51 0.74 0.00	31.39 0.77 0.00	34.49 0.87 0.00	41.65 1.09 0.00	47.01 1.15 0.00	41.77 0.94 0.00	34.95 0.72 0.00	32.39 0.67 0.00	32.34 0.70 0.00	30.28 0.62 0.00	28.69 0.53 0.00	27.93 0.57 0.00	30.17 0.68 0.00	32.87 0.71 0.00	37.26 0.98 0.00	45.42 1.19 0.00	51.68 1.51 0.00	50.94 1.68 0.00	43.52 1.39 0.00	38.91 1.24 0.00	37.59 1.20 0.00
REYNOLDS_115KV_TB3 80639	35.63 0.77 0.00	34.16 0.90 0.00	32.87 0.96 0.00	31.73 0.95 0.00	31.57 0.95 0.00	34.56 0.94 0.00	41.53 0.97 0.00	46.97 1.10 0.00	41.81 0.98 0.00	35.02 0.79 0.00	32.42 0.70 0.00	32.31 0.66 0.00	30.28 0.62 0.00	28.80 0.65 0.00	28.01 0.66 0.00	30.17 0.68 0.00	33.00 0.84 0.00	37.22 0.94 0.00	45.42 1.19 0.00	51.43 1.25 0.00	50.45 1.18 0.00	43.05 0.93 0.00	38.46 0.79 0.00	37.04 0.66 0.00
RIVERBAY____ 323610	36.61 1.74 -0.01	35.00 1.73 -0.01	33.55 1.63 -0.01	32.44 1.66 -0.01	32.34 1.71 -0.01	35.40 1.78 -0.01	42.65 2.11 0.01	48.57 2.71 0.01	43.15 2.33 0.01	36.17 1.95 0.01	33.43 1.71 0.01	33.37 1.74 0.01	31.28 1.63 0.01	29.75 1.60 0.01	28.93 1.59 0.01	31.13 1.65 0.01	33.95 1.80 0.01	38.34 2.07 0.01	47.05 2.83 0.01	53.23 3.06 0.01	52.12 2.86 0.01	44.52 2.40 0.01	39.58 1.92 0.01	38.18 1.78 -0.01
RIVERSDE_115KV_TB3 55908	35.56 0.70 0.00	34.06 0.80 0.00	32.80 0.89 0.00	31.67 0.89 0.00	31.54 0.92 0.00	34.45 0.84 0.00	41.45 0.89 0.00	46.88 1.01 0.00	41.69 0.86 0.00	34.95 0.72 0.00	32.36 0.63 0.00	32.24 0.60 0.00	30.25 0.59 0.00	28.77 0.62 0.00	27.96 0.60 0.00	30.14 0.65 0.00	32.93 0.77 0.00	37.15 0.87 0.00	45.33 1.11 0.00	51.38 1.20 0.00	50.40 1.13 0.00	42.97 0.84 0.00	38.38 0.72 0.00	36.97 0.58 0.00
ROARING___BROOK_WT_PWR 323790	34.20 -0.66 0.00	32.63 -0.63 0.00	31.24 -0.67 0.00	30.00 -0.77 0.00	29.82 -0.80 0.00	32.74 -0.87 0.00	39.50 -1.05 0.00	44.72 -1.14 0.00	39.81 -1.02 0.00	33.44 -0.79 0.00	31.00 -0.73 0.00	30.95 -0.70 0.00	28.97 -0.68 0.00	27.53 -0.62 0.00	26.70 -0.66 0.00	28.75 -0.74 0.00	31.29 -0.87 0.00	35.30 -0.98 0.00	43.07 -1.15 0.00	48.87 -1.30 0.00	48.04 -1.23 0.00	41.11 -1.01 0.00	36.84 -0.83 0.00	35.66 -0.73 0.00

ROCHESRG_115KV_T4 355643	33.15 -1.71 0.00	31.53 -1.73 0.00	30.16 -1.76 0.00	29.17 -1.60 0.00	29.03 -1.59 0.00	31.80 -1.82 0.00	38.40 -2.15 0.00	43.30 -2.57 0.00	38.75 -2.08 0.00	32.82 -1.40 0.01	30.58 -1.14 0.01	30.38 -1.27 0.00	28.47 -1.19 0.00	26.83 -1.32 0.00	26.23 -1.12 0.01	28.19 -1.30 0.00	30.46 -0.93 0.77	34.73 -1.09 0.46	42.53 -1.59 0.10	47.96 -2.21 0.00	47.30 -1.97 0.00	40.69 -1.43 0.00	36.69 -0.98 0.00	35.70 -0.69 0.00
ROCHESTER_9_IC 23652	33.33 -1.53 0.00	31.66 -1.60 0.00	30.28 -1.63 0.00	29.30 -1.48 0.00	29.15 -1.47 0.00	31.93 -1.68 0.00	38.57 -1.99 0.00	43.53 -2.34 0.00	38.96 -1.88 0.00	33.00 -1.23 0.00	30.77 -0.95 0.00	30.57 -1.08 0.00	28.65 -1.01 0.00	27.00 -1.15 0.00	26.37 -0.98 0.00	28.37 -1.12 0.00	31.42 -0.74 0.00	35.37 -0.91 0.00	42.90 -1.33 0.00	48.27 -1.91 0.00	47.59 -1.68 0.00	40.95 -1.18 0.00	36.91 -0.75 0.00	35.92 -0.47 0.00
ROCKVIEW_13_KV_LD 356306	36.46 1.60 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.34 1.57 0.00	32.18 1.56 0.00	35.26 1.65 0.00	42.50 1.95 0.00	48.39 2.52 0.00	43.04 2.21 0.00	36.08 1.85 0.00	33.38 1.65 0.00	33.29 1.65 0.00	31.17 1.51 0.00	29.64 1.49 0.00	28.83 1.48 0.00	31.02 1.53 0.00	33.83 1.67 0.00	38.20 1.92 0.00	46.88 2.65 0.00	53.03 2.86 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.44 1.77 0.00	37.95 1.56 0.00
ROME____115KV_TB2 80656	35.77 0.91 0.00	34.06 0.80 0.00	32.64 0.73 0.00	31.51 0.74 0.00	31.39 0.77 0.00	34.49 0.87 0.00	41.65 1.09 0.00	47.01 1.15 0.00	41.77 0.94 0.00	34.95 0.72 0.00	32.39 0.67 0.00	32.34 0.70 0.00	30.28 0.62 0.00	28.69 0.53 0.00	27.93 0.57 0.00	30.17 0.68 0.00	32.87 0.71 0.00	37.26 0.98 0.00	45.42 1.19 0.00	51.68 1.51 0.00	50.94 1.68 0.00	43.52 1.39 0.00	38.91 1.24 0.00	37.59 1.20 0.00
ROSETON___1 23587	36.01 1.15 0.00	34.49 1.23 0.00	33.09 1.18 0.00	31.94 1.17 0.00	31.78 1.16 0.00	34.82 1.21 0.00	42.01 1.46 0.00	47.70 1.84 0.00	42.47 1.64 0.00	35.56 1.33 0.00	32.90 1.17 0.00	32.78 1.14 0.00	30.72 1.07 0.00	29.22 1.07 0.00	28.37 1.01 0.00	30.58 1.09 0.00	33.38 1.22 0.00	37.73 1.45 0.00	46.22 1.99 0.00	52.28 2.11 0.00	51.24 1.97 0.00	43.77 1.64 0.00	38.91 1.24 0.00	37.45 1.06 0.00
ROSETON___2 23588	36.01 1.15 0.00	34.49 1.23 0.00	33.09 1.18 0.00	31.94 1.17 0.00	31.78 1.16 0.00	34.82 1.21 0.00	42.01 1.46 0.00	47.70 1.84 0.00	42.47 1.64 0.00	35.56 1.33 0.00	32.90 1.17 0.00	32.78 1.14 0.00	30.72 1.07 0.00	29.22 1.07 0.00	28.37 1.01 0.00	30.58 1.09 0.00	33.38 1.22 0.00	37.73 1.45 0.00	46.22 1.99 0.00	52.28 2.11 0.00	51.24 1.97 0.00	43.77 1.64 0.00	38.91 1.24 0.00	37.45 1.06 0.00
ROTRRDAM_115KV_TB3 80664	35.73 0.87 0.00	34.16 0.90 0.00	32.77 0.86 0.00	31.60 0.83 0.00	31.48 0.86 0.00	34.52 0.91 0.00	41.65 1.09 0.00	47.11 1.24 0.00	41.86 1.02 0.00	34.98 0.75 0.00	32.36 0.63 0.00	32.24 0.60 0.00	30.25 0.59 0.00	28.74 0.59 0.00	27.96 0.60 0.00	30.14 0.65 0.00	32.93 0.77 0.00	37.26 0.98 0.00	45.55 1.33 0.00	51.68 1.51 0.00	50.74 1.48 0.00	43.31 1.18 0.00	38.65 0.98 0.00	37.26 0.87 0.00
RUSSELL___1 23602	33.47 -1.39 0.00	31.79 -1.46 0.00	30.41 -1.50 0.00	29.42 -1.35 0.00	29.27 -1.35 0.00	32.07 -1.55 0.00	38.73 -1.82 0.00	43.71 -2.16 0.00	39.16 -1.67 0.00	33.13 -1.10 0.00	30.90 -0.82 0.00	30.72 -0.92 0.00	28.80 -0.86 0.00	27.14 -1.01 0.00	26.51 -0.85 0.00	28.51 -0.97 0.00	31.58 -0.58 0.00	35.55 -0.73 0.00	43.12 -1.11 0.00	48.57 -1.61 0.00	47.89 -1.38 0.00	41.20 -0.93 0.00	37.14 -0.53 0.00	36.10 -0.29 0.00
RUSSELL___2 23532	33.47 -1.39 0.00	31.79 -1.46 0.00	30.41 -1.50 0.00	29.42 -1.35 0.00	29.27 -1.35 0.00	32.07 -1.55 0.00	38.73 -1.82 0.00	43.71 -2.16 0.00	39.16 -1.67 0.00	33.13 -1.10 0.00	30.90 -0.82 0.00	30.72 -0.92 0.00	28.80 -0.86 0.00	27.14 -1.01 0.00	26.51 -0.85 0.00	28.51 -0.97 0.00	31.58 -0.58 0.00	35.55 -0.73 0.00	43.12 -1.11 0.00	48.57 -1.61 0.00	47.89 -1.38 0.00	41.20 -0.93 0.00	37.14 -0.53 0.00	36.10 -0.29 0.00
RUSSELL___3 23549	33.47 -1.39 0.00	31.79 -1.46 0.00	30.41 -1.50 0.00	29.42 -1.35 0.00	29.27 -1.35 0.00	32.07 -1.55 0.00	38.73 -1.82 0.00	43.71 -2.16 0.00	39.16 -1.67 0.00	33.13 -1.10 0.00	30.90 -0.82 0.00	30.72 -0.92 0.00	28.80 -0.86 0.00	27.14 -1.01 0.00	26.51 -0.85 0.00	28.51 -0.97 0.00	31.58 -0.58 0.00	35.55 -0.73 0.00	43.12 -1.11 0.00	48.57 -1.61 0.00	47.89 -1.38 0.00	41.20 -0.93 0.00	37.14 -0.53 0.00	36.10 -0.29 0.00
RUSSELL___4 23556	33.47 -1.39 0.00	31.79 -1.46 0.00	30.41 -1.50 0.00	29.42 -1.35 0.00	29.27 -1.35 0.00	32.07 -1.55 0.00	38.73 -1.82 0.00	43.71 -2.16 0.00	39.16 -1.67 0.00	33.13 -1.10 0.00	30.90 -0.82 0.00	30.72 -0.92 0.00	28.80 -0.86 0.00	27.14 -1.01 0.00	26.51 -0.85 0.00	28.51 -0.97 0.00	31.58 -0.58 0.00	35.55 -0.73 0.00	43.12 -1.11 0.00	48.57 -1.61 0.00	47.89 -1.38 0.00	41.20 -0.93 0.00	37.14 -0.53 0.00	36.10 -0.29 0.00
RUSSELL___STATION 23914	33.47 -1.39 0.00	31.79 -1.46 0.00	30.41 -1.50 0.00	29.42 -1.35 0.00	29.27 -1.35 0.00	32.07 -1.55 0.00	38.73 -1.82 0.00	43.71 -2.16 0.00	39.16 -1.67 0.00	33.13 -1.10 0.00	30.90 -0.82 0.00	30.72 -0.92 0.00	28.80 -0.86 0.00	27.14 -1.01 0.00	26.51 -0.85 0.00	28.51 -0.97 0.00	31.58 -0.58 0.00	35.55 -0.73 0.00	43.12 -1.11 0.00	48.57 -1.61 0.00	47.89 -1.38 0.00	41.20 -0.93 0.00	37.14 -0.53 0.00	36.10 -0.29 0.00
S SALMON___HYD 24043	34.44 -0.42 0.00	32.79 -0.47 0.00	31.43 -0.48 0.00	30.37 -0.40 0.00	30.25 -0.37 0.00	33.21 -0.40 0.00	40.11 -0.45 0.00	45.27 -0.60 0.00	40.22 -0.61 0.00	33.72 -0.51 0.00	31.28 -0.44 0.00	31.17 -0.47 0.00	29.21 -0.44 0.00	27.70 -0.45 0.00	26.94 -0.41 0.00	29.10 -0.38 0.00	31.81 -0.35 0.00	35.91 -0.36 0.00	43.82 -0.40 0.00	49.88 -0.30 0.00	49.02 -0.25 0.00	41.92 -0.21 0.00	37.52 -0.15 0.00	36.28 -0.11 0.00
S.PERRY__115KV_TB1 80734	34.06 -0.80 0.00	32.26 -1.00 0.00	30.79 -1.12 0.00	29.82 -0.95 0.00	29.70 -0.92 0.00	32.57 -1.04 0.00	39.38 -1.18 0.00	44.26 -1.61 0.00	39.41 -1.43 0.00	33.22 -1.13 -0.12	30.90 -0.95 -0.12	30.57 -1.08 0.00	28.62 -1.04 0.00	26.94 -1.21 0.00	26.35 -1.12 -0.12	28.37 -1.12 0.00	46.81 -0.96 -15.62	44.69 -0.87 -9.28	45.35 -0.84 -1.96	49.62 -0.60 -0.04	49.02 -0.25 0.00	42.17 0.04 0.00	38.04 0.38 0.00	37.01 0.62 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.14 -2.72 0.00	30.53 -2.73 0.00	29.13 -2.78 0.00	28.22 -2.55 0.00	28.05 -2.57 0.00	30.62 -2.99 0.00	37.11 -3.45 0.00	41.65 -4.22 0.00	37.49 -3.35 0.00	31.74 -2.46 0.03	29.61 -2.09 0.03	29.49 -2.15 0.00	27.64 -2.02 0.00	25.90 -2.25 0.00	24.98 -2.35 0.03	27.25 -2.24 0.00	26.55 -2.38 3.23	31.68 -2.68 1.92	40.19 -3.63 0.41	46.40 -3.76 0.01	45.92 -3.35 0.00	39.64 -2.49 0.00	35.97 -1.70 0.00	35.48 -0.91 0.00

SAWYER___23_KV_LOAD 55526	32.14 -2.72 0.00	30.53 -2.73 0.00	29.13 -2.78 0.00	28.22 -2.55 0.00	28.05 -2.57 0.00	30.62 -2.99 0.00	37.11 -3.45 0.00	41.65 -4.22 0.00	37.49 -3.35 0.00	31.74 -2.46 0.03	29.61 -2.09 0.03	29.49 -2.15 0.00	27.64 -2.02 0.00	25.90 -2.25 0.00	24.98 -2.35 0.03	27.25 -2.24 0.00	26.55 -2.38 3.23	31.68 -2.68 1.92	40.19 -3.63 0.41	46.40 -3.76 0.01	45.92 -3.35 0.00	39.64 -2.49 0.00	35.97 -1.70 0.00	35.48 -0.91 0.00
SELKIRK___I 23801	35.66 0.80 0.00	34.16 0.90 0.00	32.84 0.93 0.00	31.70 0.92 0.00	31.54 0.92 0.00	34.52 0.91 0.00	41.57 1.01 0.00	46.92 1.06 0.00	41.65 0.82 0.00	34.84 0.62 0.00	32.23 0.51 0.00	32.12 0.48 0.00	30.13 0.47 0.00	28.66 0.51 0.00	27.87 0.52 0.00	30.08 0.59 0.00	32.87 0.71 0.00	37.19 0.91 0.00	45.37 1.15 0.00	51.48 1.30 0.00	50.50 1.23 0.00	43.10 0.97 0.00	38.53 0.87 0.00	37.12 0.73 0.00
SELKIRK___II 23799	35.52 0.66 0.00	33.99 0.73 0.00	32.71 0.80 0.00	31.57 0.80 0.00	31.42 0.79 0.00	34.35 0.74 0.00	41.36 0.81 0.00	46.78 0.92 0.00	41.61 0.77 0.00	34.88 0.65 0.00	32.30 0.57 0.00	32.18 0.54 0.00	30.16 0.50 0.00	28.69 0.53 0.00	27.87 0.52 0.00	30.05 0.56 0.00	32.84 0.68 0.00	37.11 0.84 0.00	45.24 1.02 0.00	51.28 1.10 0.00	50.30 1.04 0.00	42.92 0.80 0.00	38.35 0.68 0.00	36.94 0.55 0.00
SENECA OSWGO___HYD 24041	34.30 -0.56 0.00	32.69 -0.57 0.00	31.34 -0.57 0.00	30.28 -0.49 0.00	30.16 -0.46 0.00	33.04 -0.57 0.00	39.86 -0.69 0.00	45.04 -0.82 0.00	40.10 -0.73 0.00	33.72 -0.51 0.00	31.31 -0.41 0.00	31.20 -0.44 0.00	29.24 -0.42 0.00	27.70 -0.45 0.00	26.97 -0.38 0.00	29.10 -0.38 0.00	31.81 -0.35 0.00	35.77 -0.51 0.00	43.56 -0.66 0.00	49.47 -0.70 0.00	48.53 -0.74 0.00	41.50 -0.63 0.00	37.18 -0.49 0.00	35.99 -0.40 0.00
SENECA___115KV_TB3 355854	32.60 -2.27 0.00	30.93 -2.33 0.00	29.48 -2.43 0.00	28.56 -2.22 0.00	28.39 -2.24 0.00	30.99 -2.62 0.00	37.63 -2.92 0.00	42.20 -3.67 0.00	38.02 -2.82 0.00	32.05 -2.16 0.02	29.86 -1.84 0.02	29.87 -1.77 0.00	27.99 -1.66 0.00	26.24 -1.91 0.00	25.03 -2.30 0.02	27.54 -1.95 0.00	26.99 -2.41 2.76	31.92 -2.72 1.64	40.25 -3.63 0.35	47.06 -3.11 0.01	46.61 -2.66 0.00	40.23 -1.90 0.00	36.50 -1.17 0.00	36.06 -0.33 0.00
SENECA___ENERGY 23797	34.27 -0.59 0.00	32.56 -0.70 0.00	31.21 -0.70 0.00	30.19 -0.59 0.00	30.04 -0.58 0.00	32.94 -0.67 0.00	39.78 -0.77 0.00	44.90 -0.97 0.00	40.06 -0.78 0.00	33.65 -0.58 -0.01	31.29 -0.44 -0.01	31.17 -0.47 0.00	29.18 -0.48 0.00	27.62 -0.54 0.00	26.90 -0.47 -0.01	29.05 -0.44 0.00	32.78 -0.45 -1.07	36.48 -0.43 -0.64	43.83 -0.53 -0.13	49.72 -0.45 0.00	48.82 -0.44 0.00	41.83 -0.29 0.00	37.55 -0.11 0.00	36.46 0.07 0.00
SHOEMAKER___GT 23640	35.84 0.97 0.00	34.25 1.00 0.00	32.87 0.96 0.00	31.73 0.96 0.00	31.57 0.95 0.00	34.59 0.98 0.00	41.77 1.22 0.00	47.33 1.47 0.00	42.14 1.31 0.00	35.29 1.06 0.00	32.61 0.89 0.00	32.53 0.88 0.00	30.48 0.83 0.00	28.97 0.82 0.00	28.12 0.76 0.00	30.34 0.86 0.00	33.09 0.93 0.00	37.47 1.20 0.00	45.86 1.64 0.00	51.98 1.80 0.00	50.94 1.68 0.00	43.51 1.39 0.00	38.76 1.09 0.00	37.33 0.94 0.00
SHOEMAKR_138KV_BK 111 55601	35.84 0.98 0.00	34.26 1.00 0.00	32.84 0.93 0.00	31.73 0.95 0.00	31.60 0.98 0.00	34.62 1.01 0.00	41.73 1.18 0.00	47.34 1.47 0.00	42.18 1.35 0.00	35.29 1.06 0.00	32.65 0.92 0.00	32.53 0.89 0.00	30.52 0.86 0.00	28.97 0.82 0.00	28.17 0.82 0.00	30.34 0.86 0.00	33.12 0.96 0.00	37.44 1.16 0.00	45.86 1.64 0.00	51.98 1.81 0.00	50.94 1.68 0.00	43.52 1.39 0.00	38.76 1.09 0.00	37.37 0.98 0.00
SHOREHAM_IC_1 23715	36.01 1.15 0.00	34.76 1.50 0.00	33.31 1.40 0.00	32.25 1.48 0.00	32.06 1.44 0.00	35.43 1.81 0.00	43.39 2.84 0.00	49.45 3.58 0.00	43.81 2.98 0.00	36.73 2.50 0.00	33.82 2.09 0.00	33.38 1.74 0.00	30.90 1.25 0.00	29.14 0.98 0.00	28.04 0.68 0.00	30.31 0.82 0.00	33.28 1.13 0.00	37.47 1.20 0.00	46.30 2.08 0.00	51.98 1.80 0.00	50.94 1.68 0.00	43.94 1.81 0.00	38.84 1.17 0.00	37.26 0.87 0.00
SHOREHAM_IC_2 23716	36.01 1.15 0.00	34.76 1.50 0.00	33.31 1.40 0.00	32.25 1.48 0.00	32.06 1.44 0.00	35.43 1.81 0.00	43.39 2.84 0.00	49.45 3.58 0.00	43.81 2.98 0.00	36.73 2.50 0.00	33.82 2.09 0.00	33.38 1.74 0.00	30.90 1.25 0.00	29.14 0.98 0.00	28.04 0.68 0.00	30.31 0.82 0.00	33.28 1.13 0.00	37.47 1.20 0.00	46.30 2.08 0.00	51.98 1.80 0.00	50.94 1.68 0.00	43.94 1.81 0.00	38.84 1.17 0.00	37.26 0.87 0.00
SISSONVILLE____ 23735	34.06 -0.80 0.00	32.43 -0.83 0.00	31.14 -0.77 0.00	29.88 -0.89 0.00	29.67 -0.95 0.00	32.81 -0.81 0.00	39.66 -0.89 0.00	44.81 -1.05 0.00	39.81 -1.02 0.00	33.27 -0.96 0.00	30.77 -0.95 0.00	30.79 -0.85 0.00	28.85 -0.80 0.00	27.45 -0.70 0.00	26.59 -0.77 0.00	28.66 -0.83 0.00	31.10 -1.06 0.00	41.37 -1.16 -6.25	50.24 -1.37 -7.39	57.07 -1.35 -8.25	56.30 -1.13 -8.16	48.28 -0.97 -7.12	43.22 -0.90 -6.45	41.83 -0.80 -6.24
SITHE_IND_GS1 24169	33.99 -0.87 0.00	32.39 -0.86 0.00	31.05 -0.86 0.00	30.00 -0.77 0.00	29.86 -0.76 0.00	32.74 -0.87 0.00	39.46 -1.09 0.00	44.63 -1.24 0.00	39.77 -1.06 0.00	33.41 -0.82 0.00	31.00 -0.73 0.00	30.92 -0.73 0.00	28.97 -0.68 0.00	27.45 -0.70 0.00	26.70 -0.66 0.00	28.81 -0.68 0.00	31.48 -0.68 0.00	35.37 -0.91 0.00	42.99 -1.24 0.00	48.77 -1.40 0.00	47.89 -1.38 0.00	40.99 -1.14 0.00	36.73 -0.94 0.00	35.55 -0.84 0.00
SITHE_IND_GS2 24170	33.99 -0.87 0.00	32.39 -0.86 0.00	31.05 -0.86 0.00	30.00 -0.77 0.00	29.86 -0.76 0.00	32.74 -0.87 0.00	39.46 -1.09 0.00	44.63 -1.24 0.00	39.77 -1.06 0.00	33.41 -0.82 0.00	31.00 -0.73 0.00	30.92 -0.73 0.00	28.97 -0.68 0.00	27.45 -0.70 0.00	26.70 -0.66 0.00	28.81 -0.68 0.00	31.48 -0.68 0.00	35.37 -0.91 0.00	42.99 -1.24 0.00	48.77 -1.40 0.00	47.89 -1.38 0.00	40.99 -1.14 0.00	36.73 -0.94 0.00	35.55 -0.84 0.00
SITHE_IND_GS3 24171	33.99 -0.87 0.00	32.39 -0.86 0.00	31.05 -0.86 0.00	30.00 -0.77 0.00	29.86 -0.76 0.00	32.74 -0.87 0.00	39.46 -1.09 0.00	44.63 -1.24 0.00	39.77 -1.06 0.00	33.41 -0.82 0.00	31.00 -0.73 0.00	30.92 -0.73 0.00	28.97 -0.68 0.00	27.45 -0.70 0.00	26.70 -0.66 0.00	28.81 -0.68 0.00	31.48 -0.68 0.00	35.37 -0.91 0.00	42.99 -1.24 0.00	48.77 -1.40 0.00	47.89 -1.38 0.00	40.99 -1.14 0.00	36.73 -0.94 0.00	35.55 -0.84 0.00
SITHE_IND_GS4 24172	33.99 -0.87 0.00	32.39 -0.86 0.00	31.05 -0.86 0.00	30.00 -0.77 0.00	29.86 -0.76 0.00	32.74 -0.87 0.00	39.46 -1.09 0.00	44.63 -1.24 0.00	39.77 -1.06 0.00	33.41 -0.82 0.00	31.00 -0.73 0.00	30.92 -0.73 0.00	28.97 -0.68 0.00	27.45 -0.70 0.00	26.70 -0.66 0.00	28.81 -0.68 0.00	31.48 -0.68 0.00	35.37 -0.91 0.00	42.99 -1.24 0.00	48.77 -1.40 0.00	47.89 -1.38 0.00	40.99 -1.14 0.00	36.73 -0.94 0.00	35.55 -0.84 0.00

SITHE___BATAVIA 24024	33.26 -1.60 0.00	31.36 -1.89 0.00	30.09 -1.82 0.00	29.17 -1.60 0.00	29.00 -1.62 0.00	31.80 -1.82 0.00	38.32 -2.23 0.00	43.21 -2.66 0.00	38.79 -2.04 0.00	32.74 -1.47 0.02	30.59 -1.11 0.02	30.38 -1.27 0.00	28.47 -1.19 0.00	26.72 -1.43 0.00	26.02 -1.31 0.02	28.10 -1.39 0.00	28.48 -1.13 2.55	33.67 -1.09 1.52	42.18 -1.73 0.32	48.21 -1.96 0.01	47.69 -1.58 0.00	41.20 -0.93 0.00	37.33 -0.34 0.00	36.65 0.26 0.00
SITHE___INDEPEND 23800	33.95 -0.91 0.00	32.39 -0.86 0.00	31.05 -0.86 0.00	29.97 -0.80 0.00	29.86 -0.77 0.00	32.71 -0.91 0.00	39.46 -1.09 0.00	44.58 -1.28 0.00	39.73 -1.10 0.00	33.41 -0.82 0.00	31.00 -0.73 0.00	30.88 -0.76 0.00	28.97 -0.68 0.00	27.45 -0.70 0.00	26.70 -0.66 0.00	28.81 -0.68 0.00	31.45 -0.71 0.00	35.41 -0.87 0.00	43.03 -1.19 0.00	48.77 -1.40 0.00	47.89 -1.38 0.00	40.95 -1.18 0.00	36.69 -0.98 0.00	35.52 -0.87 0.00
SITHE___MASSENA 23902	34.76 -0.10 0.00	33.09 -0.17 0.00	31.75 -0.16 0.00	30.50 -0.28 0.00	30.31 -0.31 0.00	33.45 -0.17 0.00	40.43 -0.12 0.00	45.68 -0.18 0.00	40.63 -0.20 0.00	33.99 -0.24 0.00	31.47 -0.25 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	28.04 -0.11 0.00	27.22 -0.14 0.00	29.28 -0.20 0.00	31.77 -0.38 0.00	37.29 -0.43 -1.44	45.40 -0.53 -1.70	51.62 -0.45 -1.90	50.81 -0.34 -1.88	43.52 -0.25 -1.64	38.93 -0.22 -1.49	37.68 -0.14 -1.44
SITHE___OGDNSBRG 24021	34.97 0.10 0.00	33.26 0.00 0.00	31.94 0.03 0.00	30.65 -0.12 0.00	30.44 -0.18 0.00	33.68 0.07 0.00	40.72 0.16 0.00	45.91 0.05 0.00	40.67 -0.16 0.00	33.92 -0.31 0.00	31.38 -0.35 0.00	31.39 -0.25 0.00	29.42 -0.24 0.00	27.98 -0.17 0.00	27.11 -0.25 0.00	29.28 -0.21 0.00	31.77 -0.39 0.00	40.33 -0.33 -4.38	49.10 -0.31 -5.18	55.91 -0.05 -5.78	55.19 0.20 -5.72	47.29 0.17 -4.99	42.30 0.11 -4.52	40.98 0.22 -4.37
SITHE___STERLING 23777	35.56 0.70 0.00	33.86 0.60 0.00	32.49 0.57 0.00	31.36 0.58 0.00	31.23 0.61 0.00	34.29 0.67 0.00	41.41 0.85 0.00	46.74 0.87 0.00	41.57 0.74 0.00	34.81 0.58 0.00	32.26 0.54 0.00	32.21 0.57 0.00	30.16 0.50 0.00	28.58 0.42 0.00	27.82 0.46 0.00	30.05 0.56 0.00	32.74 0.58 0.00	37.04 0.76 0.00	45.20 0.97 0.00	51.38 1.20 0.00	50.55 1.28 0.00	43.22 1.09 0.00	38.65 0.98 0.00	37.37 0.98 0.00
SLEIGHT__34_KV_TB1 80719	33.71 -1.15 0.00	32.06 -1.20 0.00	30.70 -1.21 0.00	29.70 -1.08 0.00	29.55 -1.07 0.00	32.40 -1.21 0.00	39.13 -1.42 0.00	44.17 -1.70 0.00	39.49 -1.35 0.00	33.34 -0.89 0.00	31.06 -0.67 0.00	30.91 -0.73 0.00	28.94 -0.71 0.00	27.36 -0.79 0.00	26.70 -0.66 0.00	28.75 -0.74 0.00	31.68 -0.48 0.00	35.70 -0.58 0.00	43.34 -0.88 0.00	48.97 -1.20 0.00	48.13 -1.13 0.00	41.37 -0.76 0.00	37.18 -0.49 0.00	36.06 -0.33 0.00
SOUTH CAIRO___GT 23612	36.60 1.74 0.00	35.02 1.76 0.00	33.70 1.79 0.00	32.50 1.72 0.00	32.34 1.71 0.00	35.46 1.85 0.00	42.70 2.15 0.00	48.25 2.39 0.00	42.67 1.84 0.00	35.46 1.23 0.00	32.65 0.92 0.00	32.50 0.85 0.00	30.49 0.83 0.00	28.97 0.82 0.00	28.17 0.82 0.00	30.46 0.97 0.00	33.38 1.22 0.00	37.98 1.71 0.00	46.61 2.39 0.00	53.23 3.06 0.00	52.22 2.96 0.00	44.40 2.27 0.00	39.70 2.03 0.00	38.32 1.93 0.00
SOUTH HAMPTN___IC 23720	36.22 1.36 0.00	34.92 1.66 0.00	33.47 1.56 0.00	32.43 1.66 0.00	32.27 1.65 0.00	35.66 2.05 0.00	43.60 3.04 0.00	49.63 3.76 0.00	43.98 3.14 0.00	36.83 2.60 0.00	33.82 2.09 0.00	33.41 1.77 0.00	30.96 1.30 0.00	29.22 1.07 0.00	28.15 0.79 0.00	30.40 0.92 0.00	33.41 1.25 0.00	37.58 1.30 0.00	46.48 2.25 0.00	52.23 2.06 0.00	51.24 1.97 0.00	44.15 2.02 0.00	39.02 1.35 0.00	37.52 1.13 0.00
SOUTHDOW_115KV_TB1 355954	33.05 -1.81 0.00	31.33 -1.93 0.00	29.90 -2.01 0.00	28.93 -1.85 0.00	28.75 -1.87 0.00	31.36 -2.25 0.00	38.32 -2.23 0.00	43.12 -2.75 0.00	38.83 -2.00 0.00	32.62 -1.61 0.00	30.33 -1.40 0.00	30.34 -1.30 0.00	28.41 -1.25 0.00	26.55 -1.60 0.00	24.97 -2.38 0.00	27.69 -1.80 0.00	29.43 -2.73 0.00	33.30 -2.97 0.00	40.46 -3.76 0.00	47.97 -2.21 0.00	47.69 -1.58 0.00	41.24 -0.88 0.00	37.55 -0.11 0.00	37.30 0.91 0.00
SOUTHOLD_69_KV_BK 2 55809	36.19 1.32 0.00	34.36 1.10 0.00	33.44 1.53 0.00	32.65 1.88 0.00	32.67 2.05 0.00	36.07 2.45 0.00	43.72 3.16 0.00	49.63 3.76 0.00	44.18 3.35 0.00	36.76 2.53 0.00	33.63 1.90 0.00	33.22 1.58 0.00	30.69 1.04 0.00	29.03 0.87 0.00	28.09 0.74 0.00	30.22 0.74 0.00	33.16 1.00 0.00	37.33 1.05 0.00	46.30 2.08 0.00	52.08 1.91 0.00	51.04 1.77 0.00	43.98 1.85 0.00	39.02 1.36 0.00	37.59 1.20 0.00
SOUTHOLD___IC 23719	36.19 1.32 0.00	34.85 1.60 0.00	33.44 1.53 0.00	32.46 1.69 0.00	32.37 1.74 0.00	35.80 2.18 0.00	43.72 3.17 0.00	49.76 3.90 0.00	44.06 3.23 0.00	36.83 2.60 0.00	33.63 1.90 0.00	33.22 1.58 0.00	30.75 1.10 0.00	29.00 0.84 0.00	27.95 0.60 0.00	30.22 0.74 0.00	33.16 1.00 0.00	37.37 1.09 0.00	46.30 2.08 0.00	52.03 1.86 0.00	51.04 1.77 0.00	43.98 1.85 0.00	38.84 1.17 0.00	37.52 1.13 0.00
SOUTH_FORK_WT_PWR 323839	35.84 0.97 0.00	34.52 1.26 0.00	33.15 1.24 0.00	32.22 1.45 0.00	32.15 1.53 0.00	35.60 1.98 0.00	43.48 2.92 0.00	49.40 3.53 0.00	43.73 2.90 0.00	36.52 2.29 0.00	33.22 1.49 0.00	32.81 1.17 0.00	30.37 0.71 0.00	28.63 0.48 0.00	27.60 0.25 0.00	29.81 0.32 0.00	32.71 0.55 0.00	36.82 0.54 0.00	45.64 1.41 0.00	51.33 1.15 0.00	50.30 1.04 0.00	43.35 1.22 0.00	38.31 0.64 0.00	37.12 0.73 0.00
SPIERFLS_115KV_TB 1 80737	36.53 1.67 0.00	34.92 1.66 0.00	33.51 1.60 0.00	32.28 1.51 0.00	32.18 1.56 0.00	35.33 1.71 0.00	42.87 2.31 0.00	48.57 2.71 0.00	42.92 2.08 0.00	35.56 1.33 0.00	32.77 1.05 0.00	32.65 1.01 0.00	30.75 1.10 0.00	29.28 1.13 0.00	28.53 1.18 0.00	30.78 1.30 0.00	33.77 1.61 0.00	38.27 2.00 0.00	47.01 2.79 0.00	53.74 3.56 0.00	52.72 3.45 0.00	44.70 2.57 0.00	39.93 2.26 0.00	38.39 2.00 0.00
ST LAWRENCE____ 23600	34.55 -0.31 0.00	32.93 -0.33 0.00	31.59 -0.32 0.00	30.37 -0.40 0.00	30.16 -0.46 0.00	33.28 -0.34 0.00	40.19 -0.37 0.00	45.41 -0.46 0.00	40.39 -0.45 0.00	33.82 -0.41 0.00	31.31 -0.41 0.00	31.33 -0.32 0.00	29.36 -0.30 0.00	27.87 -0.28 0.00	27.05 -0.30 0.00	29.13 -0.35 0.00	31.61 -0.55 0.00	35.66 -0.62 0.00	43.43 -0.79 0.00	49.42 -0.75 0.00	48.58 -0.69 0.00	41.54 -0.59 0.00	37.18 -0.49 0.00	35.95 -0.44 0.00
STATE_CA_115KV_115_LB 55624	35.56 0.70 0.00	34.09 0.83 0.00	32.84 0.93 0.00	31.70 0.92 0.00	31.54 0.92 0.00	34.49 0.87 0.00	41.45 0.89 0.00	46.88 1.01 0.00	41.69 0.86 0.00	34.95 0.72 0.00	32.39 0.67 0.00	32.28 0.63 0.00	30.25 0.59 0.00	28.80 0.65 0.00	27.98 0.63 0.00	30.17 0.68 0.00	32.93 0.77 0.00	37.18 0.91 0.00	45.33 1.11 0.00	51.43 1.25 0.00	50.45 1.18 0.00	43.01 0.88 0.00	38.42 0.75 0.00	37.01 0.62 0.00

STATE_ST_34_KV_LOAD 55959	34.72 -0.14 0.00	33.06 -0.20 0.00	31.65 -0.26 0.00	30.62 -0.15 0.00	30.50 -0.12 0.00	33.41 -0.20 0.00	40.39 -0.16 0.00	45.64 -0.23 0.00	40.67 -0.16 0.00	34.19 -0.03 0.00	31.76 0.03 0.00	31.64 0.00 0.00	29.63 -0.03 0.00	28.10 -0.06 0.00	27.35 0.00 0.00	29.55 0.06 0.00	32.26 0.10 0.00	36.42 0.15 0.00	44.36 0.13 0.00	50.43 0.25 0.00	49.46 0.20 0.00	42.34 0.21 0.00	37.93 0.26 0.00	36.68 0.29 0.00
STATION 5_MISC_HYD 23604	33.40 -1.46 0.00	31.60 -1.66 0.00	30.35 -1.56 0.00	29.36 -1.42 0.00	29.21 -1.41 0.00	32.00 -1.61 0.00	38.61 -1.95 0.00	43.58 -2.29 0.00	39.04 -1.80 0.00	33.00 -1.23 0.00	30.80 -0.92 0.00	30.57 -1.08 0.00	28.68 -0.98 0.00	27.03 -1.13 0.00	26.34 -1.01 0.00	28.40 -1.09 0.00	31.45 -0.71 0.00	35.51 -0.76 0.00	42.94 -1.28 0.00	48.32 -1.86 0.00	47.64 -1.62 0.00	41.03 -1.10 0.00	37.03 -0.64 0.00	36.14 -0.25 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.23 -0.63 0.00	32.53 -0.73 0.00	31.14 -0.77 0.00	30.13 -0.65 0.00	29.98 -0.64 0.00	32.87 -0.74 0.00	39.70 -0.85 0.00	44.86 -1.01 0.00	40.06 -0.78 0.00	33.75 -0.48 0.00	31.44 -0.29 0.00	31.33 -0.32 0.00	29.33 -0.33 0.00	27.73 -0.42 0.00	26.97 -0.38 0.00	29.13 -0.35 0.00	32.00 -0.16 0.00	36.06 -0.22 0.00	43.87 -0.35 0.00	49.72 -0.45 0.00	48.92 -0.34 0.00	42.00 -0.13 0.00	37.74 0.08 0.00	36.57 0.18 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.26 -1.60 0.00	31.60 -1.66 0.00	30.22 -1.69 0.00	29.23 -1.54 0.00	29.09 -1.53 0.00	31.87 -1.75 0.00	38.49 -2.07 0.00	43.44 -2.43 0.00	38.87 -1.96 0.00	32.89 -1.33 0.00	30.68 -1.05 0.00	30.47 -1.17 0.00	28.59 -1.07 0.00	26.94 -1.21 0.00	26.31 -1.04 0.00	28.31 -1.18 0.00	31.32 -0.84 0.00	35.26 -1.02 0.00	42.76 -1.46 0.00	48.17 -2.01 0.00	47.44 -1.82 0.00	40.82 -1.31 0.00	36.76 -0.90 0.00	35.73 -0.66 0.00
STA_56___34_KV_BUS2 355983	33.26 -1.60 0.00	31.60 -1.66 0.00	30.22 -1.69 0.00	29.23 -1.54 0.00	29.09 -1.53 0.00	31.87 -1.75 0.00	38.49 -2.07 0.00	43.44 -2.43 0.00	38.87 -1.96 0.00	32.89 -1.33 0.00	30.68 -1.05 0.00	30.47 -1.17 0.00	28.59 -1.07 0.00	26.94 -1.21 0.00	26.31 -1.04 0.00	28.31 -1.18 0.00	31.32 -0.84 0.00	35.26 -1.02 0.00	42.76 -1.46 0.00	48.17 -2.01 0.00	47.44 -1.82 0.00	40.82 -1.31 0.00	36.76 -0.90 0.00	35.73 -0.66 0.00
STA_67___115KV_BK2 355882	33.26 -1.60 0.00	31.63 -1.63 0.00	30.22 -1.69 0.00	29.23 -1.54 0.00	29.09 -1.53 0.00	31.87 -1.75 0.00	38.49 -2.07 0.00	43.44 -2.43 0.00	38.87 -1.96 0.00	32.93 -1.30 0.00	30.68 -1.05 0.00	30.47 -1.17 0.00	28.59 -1.07 0.00	26.94 -1.21 0.00	26.31 -1.04 0.00	28.31 -1.18 0.00	31.36 -0.80 0.00	35.30 -0.98 0.00	42.81 -1.42 0.00	48.17 -2.01 0.00	47.44 -1.82 0.00	40.86 -1.26 0.00	36.84 -0.83 0.00	35.84 -0.55 0.00
STA_7___115KV_9TRANS 80674	33.47 -1.39 0.00	31.79 -1.46 0.00	30.41 -1.50 0.00	29.42 -1.35 0.00	29.27 -1.35 0.00	32.07 -1.55 0.00	38.73 -1.82 0.00	43.71 -2.16 0.00	39.16 -1.67 0.00	33.13 -1.10 0.00	30.90 -0.82 0.00	30.72 -0.92 0.00	28.80 -0.86 0.00	27.14 -1.01 0.00	26.51 -0.85 0.00	28.51 -0.97 0.00	31.58 -0.58 0.00	35.55 -0.73 0.00	43.12 -1.11 0.00	48.57 -1.61 0.00	47.89 -1.38 0.00	41.20 -0.93 0.00	37.14 -0.53 0.00	36.10 -0.29 0.00
STA_82___115KV_TB1 80780	33.26 -1.60 0.00	31.63 -1.63 0.00	30.22 -1.69 0.00	29.27 -1.51 0.00	29.09 -1.53 0.00	31.90 -1.71 0.00	38.53 -2.03 0.00	43.44 -2.43 0.00	38.87 -1.96 0.00	32.93 -1.30 0.00	30.68 -1.05 0.00	30.50 -1.14 0.00	28.59 -1.07 0.00	26.94 -1.21 0.00	26.31 -1.04 0.00	28.31 -1.18 0.00	31.36 -0.80 0.00	35.30 -0.98 0.00	42.81 -1.42 0.00	48.17 -2.01 0.00	47.49 -1.77 0.00	40.86 -1.26 0.00	36.84 -0.83 0.00	35.84 -0.55 0.00
STEEL___WIND 323596	32.60 -2.27 0.00	30.76 -2.49 0.00	29.52 -2.39 0.00	28.62 -2.15 0.00	28.42 -2.21 0.00	31.03 -2.59 0.00	37.59 -2.96 0.00	42.24 -3.62 0.00	38.06 -2.78 0.00	31.98 -2.22 0.02	29.86 -1.84 0.02	29.87 -1.77 0.00	28.00 -1.66 0.00	26.21 -1.94 0.00	25.55 -1.78 0.02	27.54 -1.95 0.00	26.96 -2.45 2.76	31.96 -2.68 1.64	40.30 -3.58 0.35	47.06 -3.11 0.01	46.56 -2.71 0.00	40.27 -1.85 0.00	36.61 -1.05 0.00	36.35 -0.04 0.00
STEPHTWN_115KV_BK_2 55603	35.77 0.91 0.00	34.26 1.00 0.00	32.96 1.05 0.00	31.82 1.05 0.00	31.69 1.07 0.00	34.66 1.04 0.00	41.69 1.14 0.00	47.15 1.28 0.00	41.94 1.10 0.00	35.12 0.89 0.00	32.52 0.79 0.00	32.40 0.76 0.00	30.40 0.74 0.00	28.91 0.76 0.00	28.09 0.74 0.00	30.28 0.80 0.00	33.09 0.93 0.00	37.37 1.09 0.00	45.64 1.42 0.00	51.78 1.61 0.00	50.79 1.53 0.00	43.26 1.14 0.00	38.68 1.02 0.00	37.23 0.84 0.00
STEUBEN_REC_LFGE 323667	33.33 -1.53 0.00	31.46 -1.80 0.00	29.96 -1.95 0.00	29.02 -1.75 0.00	28.94 -1.68 0.00	31.70 -1.92 0.00	38.40 -2.15 0.00	43.21 -2.66 0.00	38.55 -2.29 0.00	32.36 -1.95 -0.08	30.19 -1.62 -0.08	30.06 -1.58 0.00	28.23 -1.42 0.00	26.55 -1.60 0.00	25.68 -1.75 -0.08	27.92 -1.56 0.00	40.57 -2.03 -10.44	40.42 -2.07 -6.21	43.19 -2.34 -1.31	48.45 -1.76 -0.03	47.79 -1.48 0.00	40.90 -1.22 0.00	36.95 -0.72 0.00	36.17 -0.22 0.00
STILLWATER___SOLAR 323814	36.29 1.43 0.00	34.76 1.50 0.00	33.35 1.44 0.00	32.16 1.39 0.00	32.00 1.38 0.00	35.13 1.51 0.00	42.38 1.83 0.00	47.84 1.97 0.00	42.47 1.64 0.00	35.39 1.16 0.00	32.68 0.95 0.00	32.59 0.95 0.00	30.58 0.92 0.00	29.11 0.96 0.00	28.28 0.93 0.00	30.55 1.06 0.00	33.41 1.25 0.00	37.84 1.56 0.00	46.26 2.04 0.00	52.58 2.41 0.00	51.58 2.32 0.00	43.94 1.81 0.00	39.25 1.58 0.00	37.77 1.38 0.00
STONY___BROOK 24151	36.60 1.74 0.00	35.15 1.89 0.00	33.70 1.79 0.00	32.56 1.78 0.00	32.40 1.78 0.00	35.70 2.08 0.00	43.43 2.88 0.00	49.54 3.67 0.00	43.90 3.06 0.00	36.80 2.57 0.00	33.91 2.19 0.00	33.60 1.96 0.00	31.23 1.57 0.00	29.56 1.41 0.00	28.59 1.23 0.00	30.87 1.39 0.00	33.89 1.74 0.00	38.16 1.89 0.00	47.10 2.87 0.00	52.88 2.71 0.00	51.83 2.56 0.00	44.74 2.61 0.00	39.55 1.88 0.00	37.92 1.53 0.00
STURGEON_POOL_HYD 23609	36.26 1.39 0.00	34.62 1.36 0.00	33.22 1.31 0.00	32.07 1.29 0.00	31.94 1.32 0.00	34.99 1.38 0.00	42.22 1.66 0.00	47.98 2.11 0.00	42.67 1.84 0.00	35.70 1.47 0.00	32.96 1.24 0.00	32.84 1.20 0.00	30.81 1.16 0.00	29.25 1.10 0.00	28.45 1.09 0.00	30.64 1.15 0.00	33.45 1.29 0.00	37.84 1.56 0.00	46.39 2.17 0.00	52.58 2.41 0.00	51.53 2.27 0.00	44.02 1.90 0.00	39.17 1.51 0.00	37.74 1.35 0.00
ST_LAW_115_BK7_LBMP 345037	34.51 -0.35 0.00	32.89 -0.37 0.00	31.56 -0.35 0.00	30.34 -0.43 0.00	30.16 -0.46 0.00	33.25 -0.37 0.00	40.15 -0.41 0.00	45.41 -0.46 0.00	40.39 -0.45 0.00	33.78 -0.45 0.00	31.31 -0.41 0.00	31.29 -0.35 0.00	29.33 -0.33 0.00	27.87 -0.28 0.00	27.03 -0.33 0.00	29.10 -0.38 0.00	31.58 -0.58 0.00	35.63 -0.65 0.00	43.43 -0.79 0.00	49.37 -0.80 0.00	48.53 -0.74 0.00	41.50 -0.63 0.00	37.14 -0.53 0.00	35.95 -0.44 0.00

ST_LAW_115_BK8_LBMP 345038	34.51 -0.35 0.00	32.89 -0.37 0.00	31.56 -0.35 0.00	30.34 -0.43 0.00	30.16 -0.46 0.00	33.25 -0.37 0.00	40.15 -0.41 0.00	45.41 -0.46 0.00	40.39 -0.45 0.00	33.78 -0.45 0.00	31.31 -0.41 0.00	31.29 -0.35 0.00	29.33 -0.33 0.00	27.87 -0.28 0.00	27.03 -0.33 0.00	29.10 -0.38 0.00	31.58 -0.58 0.00	35.63 -0.65 0.00	43.43 -0.79 0.00	49.37 -0.80 0.00	48.53 -0.74 0.00	41.50 -0.63 0.00	37.14 -0.53 0.00	35.95 -0.44 0.00
ST_LAW_230_BK5_LBMP 345035	34.55 -0.31 0.00	32.93 -0.33 0.00	31.59 -0.32 0.00	30.37 -0.40 0.00	30.16 -0.46 0.00	33.28 -0.34 0.00	40.19 -0.37 0.00	45.41 -0.46 0.00	40.39 -0.45 0.00	33.82 -0.41 0.00	31.31 -0.41 0.00	31.33 -0.32 0.00	29.36 -0.30 0.00	27.87 -0.28 0.00	27.05 -0.30 0.00	29.13 -0.35 0.00	31.61 -0.55 0.00	35.66 -0.62 0.00	43.43 -0.79 0.00	49.42 -0.75 0.00	48.58 -0.69 0.00	41.54 -0.59 0.00	37.18 -0.49 0.00	35.95 -0.44 0.00
ST_LAW_230_BK6_LBMP 345036	34.55 -0.31 0.00	32.93 -0.33 0.00	31.59 -0.32 0.00	30.37 -0.40 0.00	30.16 -0.46 0.00	33.28 -0.34 0.00	40.19 -0.37 0.00	45.41 -0.46 0.00	40.39 -0.45 0.00	33.82 -0.41 0.00	31.31 -0.41 0.00	31.33 -0.32 0.00	29.36 -0.30 0.00	27.87 -0.28 0.00	27.05 -0.30 0.00	29.13 -0.35 0.00	31.61 -0.55 0.00	35.66 -0.62 0.00	43.43 -0.79 0.00	49.42 -0.75 0.00	48.58 -0.69 0.00	41.54 -0.59 0.00	37.18 -0.49 0.00	35.95 -0.44 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.98 1.12 0.00	34.36 1.10 0.00	32.96 1.05 0.00	31.85 1.08 0.00	31.69 1.07 0.00	34.72 1.11 0.00	41.89 1.34 0.00	47.56 1.70 0.00	42.35 1.51 0.00	35.46 1.23 0.00	32.77 1.05 0.00	32.69 1.04 0.00	30.63 0.98 0.00	29.11 0.96 0.00	28.28 0.93 0.00	30.49 1.00 0.00	33.25 1.09 0.00	37.58 1.31 0.00	46.04 1.81 0.00	52.18 2.01 0.00	51.14 1.87 0.00	43.68 1.56 0.00	38.87 1.21 0.00	37.45 1.06 0.00
SWANROAD_115KV_TB1 355699	31.41 -3.45 0.00	29.80 -3.46 0.00	28.43 -3.48 0.00	27.57 -3.20 0.00	27.41 -3.22 0.00	29.92 -3.70 0.00	36.21 -4.34 0.00	40.59 -5.27 0.00	36.55 -4.29 0.00	31.02 -3.18 0.03	28.94 -2.76 0.03	28.79 -2.85 0.00	26.99 -2.67 0.00	25.28 -2.87 0.00	24.54 -2.79 0.03	26.60 -2.89 0.00	25.69 -2.86 3.60	30.87 -3.26 2.14	39.48 -4.29 0.45	45.20 -4.97 0.01	44.73 -4.53 0.00	38.67 -3.45 0.00	35.11 -2.56 0.00	34.61 -1.78 0.00
SYNERGY___BIOGAS 323694	33.26 -1.60 0.00	31.36 -1.89 0.00	30.09 -1.82 0.00	29.17 -1.60 0.00	29.00 -1.62 0.00	31.80 -1.82 0.00	38.32 -2.23 0.00	43.21 -2.66 0.00	38.79 -2.04 0.00	32.74 -1.47 0.02	30.59 -1.11 0.02	30.38 -1.27 0.00	28.47 -1.19 0.00	26.72 -1.43 0.00	26.02 -1.31 0.02	28.10 -1.39 0.00	28.48 -1.13 2.55	33.67 -1.09 1.52	42.18 -1.73 0.32	48.21 -1.96 0.01	47.69 -1.58 0.00	41.20 -0.93 0.00	37.33 -0.34 0.00	36.65 0.26 0.00
SYRACUSE___ENERGY_ST1 323597	34.76 -0.10 0.00	33.12 -0.13 0.00	31.72 -0.19 0.00	30.65 -0.12 0.00	30.53 -0.09 0.00	33.45 -0.17 0.00	40.39 -0.16 0.00	45.59 -0.28 0.00	40.63 -0.20 0.00	34.16 -0.07 0.00	31.73 0.00 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.10 -0.06 0.00	27.35 0.00 0.00	29.52 0.03 0.00	32.22 0.06 0.00	36.31 0.04 0.00	44.18 -0.04 0.00	50.17 0.00 0.00	49.22 -0.05 0.00	42.13 0.00 0.00	37.74 0.08 0.00	36.50 0.11 0.00
SYRACUSE___ENERGY_ST2 323598	34.76 -0.10 0.00	33.12 -0.13 0.00	31.72 -0.19 0.00	30.65 -0.12 0.00	30.53 -0.09 0.00	33.45 -0.17 0.00	40.39 -0.16 0.00	45.59 -0.28 0.00	40.63 -0.20 0.00	34.16 -0.07 0.00	31.73 0.00 0.00	31.64 0.00 0.00	29.66 0.00 0.00	28.10 -0.06 0.00	27.35 0.00 0.00	29.52 0.03 0.00	32.22 0.06 0.00	36.31 0.04 0.00	44.18 -0.04 0.00	50.17 0.00 0.00	49.22 -0.05 0.00	42.13 0.00 0.00	37.74 0.08 0.00	36.50 0.11 0.00
SYRACUSE___POWER 24017	34.65 -0.21 0.00	32.99 -0.27 0.00	31.62 -0.29 0.00	30.56 -0.22 0.00	30.41 -0.21 0.00	33.35 -0.27 0.00	40.23 -0.32 0.00	45.45 -0.41 0.00	40.51 -0.33 0.00	34.06 -0.17 0.00	31.63 -0.10 0.00	31.52 -0.13 0.00	29.54 -0.12 0.00	27.98 -0.17 0.00	27.24 -0.11 0.00	29.40 -0.09 0.00	32.10 -0.06 0.00	36.21 -0.07 0.00	44.05 -0.18 0.00	50.02 -0.15 0.00	49.07 -0.20 0.00	42.00 -0.13 0.00	37.63 -0.04 0.00	36.39 0.00 0.00
TALLMAN___138KV_BK151 55660	36.08 1.22 0.00	34.49 1.23 0.00	33.09 1.18 0.00	31.97 1.20 0.00	31.82 1.19 0.00	34.86 1.24 0.00	42.05 1.50 0.00	47.79 1.93 0.00	42.59 1.76 0.00	35.67 1.44 0.00	32.99 1.27 0.00	32.88 1.23 0.00	30.81 1.16 0.00	29.28 1.13 0.00	28.48 1.12 0.00	30.64 1.15 0.00	33.41 1.25 0.00	37.77 1.49 0.00	46.30 2.08 0.00	52.43 2.26 0.00	51.34 2.07 0.00	43.85 1.73 0.00	39.02 1.36 0.00	37.55 1.16 0.00
TEALLAVE_115KV_TB7 355573	34.55 -0.31 0.00	32.93 -0.33 0.00	31.56 -0.35 0.00	30.47 -0.31 0.00	30.35 -0.28 0.00	33.24 -0.37 0.00	40.11 -0.45 0.00	45.32 -0.55 0.00	40.39 -0.45 0.00	33.95 -0.27 0.00	31.54 -0.19 0.00	31.45 -0.19 0.00	29.48 -0.18 0.00	27.93 -0.23 0.00	27.19 -0.16 0.00	29.31 -0.18 0.00	32.03 -0.13 0.00	36.10 -0.18 0.00	43.91 -0.31 0.00	49.82 -0.35 0.00	48.92 -0.34 0.00	41.83 -0.29 0.00	37.48 -0.19 0.00	36.28 -0.11 0.00
TELGRAPH_34_KV_EAST 80808	32.32 -2.54 0.00	30.66 -2.59 0.00	29.26 -2.65 0.00	28.34 -2.43 0.00	28.17 -2.45 0.00	30.82 -2.79 0.00	37.31 -3.24 0.00	41.88 -3.99 0.00	37.65 -3.19 0.00	31.91 -2.29 0.03	29.76 -1.94 0.03	29.62 -2.03 0.00	27.76 -1.90 0.00	26.01 -2.14 0.00	25.25 -2.08 0.03	27.36 -2.12 0.00	26.86 -1.99 3.30	32.07 -2.25 1.96	40.76 -3.05 0.42	46.70 -3.46 0.01	46.21 -3.05 0.00	39.94 -2.19 0.00	36.16 -1.51 0.00	35.52 -0.87 0.00
TEMPLE___115KV_TB 2 55572	34.55 -0.31 0.00	32.93 -0.33 0.00	31.56 -0.35 0.00	30.50 -0.28 0.00	30.35 -0.28 0.00	33.24 -0.37 0.00	40.15 -0.41 0.00	45.36 -0.50 0.00	40.43 -0.41 0.00	33.99 -0.24 0.00	31.57 -0.16 0.00	31.45 -0.19 0.00	29.51 -0.15 0.00	27.96 -0.20 0.00	27.19 -0.16 0.00	29.34 -0.15 0.00	32.06 -0.10 0.00	36.13 -0.15 0.00	43.96 -0.27 0.00	49.87 -0.30 0.00	48.92 -0.34 0.00	41.87 -0.25 0.00	37.52 -0.15 0.00	36.28 -0.11 0.00
TIANA____69_KV_BK 1 55817	36.26 1.39 0.00	34.46 1.20 0.00	33.51 1.60 0.00	32.65 1.88 0.00	32.58 1.96 0.00	35.93 2.32 0.00	43.60 3.04 0.00	49.54 3.67 0.00	44.10 3.27 0.00	36.80 2.57 0.00	33.88 2.16 0.00	33.48 1.84 0.00	30.96 1.30 0.00	29.28 1.13 0.00	28.34 0.98 0.00	30.49 1.00 0.00	33.48 1.32 0.00	37.66 1.38 0.00	46.61 2.39 0.00	52.38 2.21 0.00	51.34 2.07 0.00	44.27 2.15 0.00	39.29 1.62 0.00	37.63 1.24 0.00
TILDEN___115KV_TB1 80814	34.65 -0.21 0.00	32.99 -0.27 0.00	31.62 -0.29 0.00	30.56 -0.22 0.00	30.41 -0.21 0.00	33.35 -0.27 0.00	40.23 -0.32 0.00	45.45 -0.41 0.00	40.51 -0.33 0.00	34.06 -0.17 0.00	31.63 -0.10 0.00	31.52 -0.13 0.00	29.54 -0.12 0.00	27.98 -0.17 0.00	27.24 -0.11 0.00	29.40 -0.09 0.00	32.10 -0.06 0.00	36.21 -0.07 0.00	44.05 -0.18 0.00	50.02 -0.15 0.00	49.07 -0.20 0.00	42.00 -0.13 0.00	37.63 -0.04 0.00	36.39 0.00 0.00

TRIGEN___CC 323695	36.53 1.67 0.00	34.82 1.56 0.00	33.51 1.60 0.00	32.40 1.63 0.00	32.30 1.68 0.00	35.46 1.85 0.00	42.78 2.23 0.00	48.71 2.84 0.00	43.33 2.49 0.00	36.25 2.02 0.00	33.53 1.81 0.00	33.35 1.71 0.00	31.17 1.51 0.00	29.59 1.44 0.00	28.75 1.40 0.00	30.93 1.44 0.00	33.86 1.70 0.00	38.13 1.85 0.00	46.92 2.70 0.00	52.88 2.71 0.00	51.78 2.51 0.00	44.53 2.40 0.00	39.55 1.88 0.00	37.95 1.56 0.00
TRINITY___115KV___4 BK 55933	35.49 0.63 0.00	33.99 0.73 0.00	32.74 0.83 0.00	31.63 0.86 0.00	31.48 0.86 0.00	34.39 0.77 0.00	41.36 0.81 0.00	46.78 0.92 0.00	41.61 0.78 0.00	34.88 0.65 0.00	32.33 0.60 0.00	32.21 0.57 0.00	30.19 0.53 0.00	28.72 0.56 0.00	27.93 0.57 0.00	30.08 0.59 0.00	32.87 0.71 0.00	37.11 0.83 0.00	45.24 1.02 0.00	51.28 1.10 0.00	50.30 1.03 0.00	42.88 0.76 0.00	38.31 0.64 0.00	36.90 0.51 0.00
UNION___PROCESSING_DRP 323587	33.26 -1.60 0.00	31.63 -1.63 0.00	30.25 -1.66 0.00	29.27 -1.51 0.00	29.09 -1.53 0.00	31.90 -1.71 0.00	38.53 -2.03 0.00	43.44 -2.43 0.00	38.87 -1.96 0.00	32.93 -1.30 0.00	30.71 -1.02 0.00	30.50 -1.14 0.00	28.59 -1.07 0.00	26.94 -1.21 0.00	26.31 -1.04 0.00	28.31 -1.18 0.00	31.36 -0.80 0.00	35.30 -0.98 0.00	42.81 -1.42 0.00	48.17 -2.01 0.00	47.49 -1.77 0.00	40.86 -1.26 0.00	36.84 -0.83 0.00	35.84 -0.55 0.00
UPPER HUDSON___HYD 24058	36.53 1.67 0.00	34.92 1.66 0.00	33.50 1.59 0.00	32.28 1.51 0.00	32.15 1.53 0.00	35.33 1.71 0.00	42.86 2.31 0.00	48.57 2.71 0.00	42.92 2.08 0.00	35.56 1.33 0.00	32.74 1.01 0.00	32.65 1.01 0.00	30.75 1.10 0.00	29.28 1.13 0.00	28.50 1.15 0.00	30.78 1.30 0.00	33.73 1.58 0.00	38.34 2.07 0.00	47.01 2.79 0.00	53.69 3.51 0.00	52.71 3.45 0.00	44.70 2.57 0.00	39.93 2.26 0.00	38.39 2.00 0.00
UPPER RAQUET___HYD 24056	34.06 -0.80 0.00	32.43 -0.83 0.00	31.11 -0.80 0.00	29.88 -0.89 0.00	29.67 -0.95 0.00	32.81 -0.81 0.00	39.66 -0.89 0.00	44.81 -1.05 0.00	39.81 -1.02 0.00	33.27 -0.96 0.00	30.77 -0.95 0.00	30.79 -0.85 0.00	28.86 -0.80 0.00	27.45 -0.70 0.00	26.62 -0.74 0.00	28.66 -0.83 0.00	31.10 -1.06 0.00	41.36 -1.16 -6.25	50.24 -1.37 -7.39	57.07 -1.35 -8.25	56.30 -1.13 -8.16	48.28 -0.97 -7.12	43.22 -0.90 -6.45	41.83 -0.80 -6.24
VALLEY44_115KV_TB2 355964	33.26 -1.60 0.00	31.50 -1.76 0.00	30.06 -1.85 0.00	29.14 -1.63 0.00	28.94 -1.68 0.00	31.56 -2.05 0.00	38.44 -2.11 0.00	43.16 -2.71 0.00	38.75 -2.08 0.00	32.17 -2.05 0.00	29.98 -1.74 0.00	30.31 -1.33 0.00	28.41 -1.25 0.00	26.63 -1.52 0.00	24.73 -2.63 0.00	27.92 -1.56 0.00	28.94 -3.22 0.00	32.69 -3.59 0.00	39.71 -4.51 0.00	48.02 -2.16 0.00	47.44 -1.82 0.00	40.86 -1.26 0.00	36.95 -0.72 0.00	36.50 0.11 0.00
VALLEY___115KV_TB 1-4 80826	35.17 0.31 0.00	33.59 0.33 0.00	32.20 0.29 0.00	31.08 0.31 0.00	30.93 0.31 0.00	33.92 0.30 0.00	40.92 0.36 0.00	46.33 0.46 0.00	41.20 0.37 0.00	34.54 0.31 0.00	31.98 0.25 0.00	31.83 0.19 0.00	29.77 0.12 0.00	28.26 0.11 0.00	27.41 0.05 0.00	29.43 -0.06 0.00	32.00 -0.16 0.00	36.10 -0.18 0.00	43.96 -0.27 0.00	49.82 -0.35 0.00	48.97 -0.30 0.00	41.87 -0.25 0.00	37.48 -0.19 0.00	36.24 -0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.36 1.50 0.00	34.65 1.40 0.00	33.19 1.28 0.00	32.07 1.29 0.00	31.94 1.32 0.00	35.09 1.48 0.00	42.38 1.82 0.00	47.98 2.11 0.00	42.67 1.84 0.00	35.73 1.51 0.00	33.12 1.40 0.00	33.10 1.46 0.00	30.99 1.33 0.00	29.42 1.27 0.00	28.56 1.20 0.00	30.84 1.36 0.00	33.51 1.35 0.00	37.95 1.67 0.00	46.35 2.12 0.00	52.68 2.51 0.00	51.88 2.61 0.00	44.36 2.23 0.00	39.63 1.96 0.00	38.28 1.89 0.00
VISCHER___FERRY HYD 24020	35.98 1.12 0.00	34.45 1.20 0.00	33.09 1.18 0.00	31.91 1.14 0.00	31.78 1.16 0.00	34.82 1.21 0.00	41.97 1.42 0.00	47.43 1.56 0.00	42.18 1.35 0.00	35.25 1.03 0.00	32.58 0.86 0.00	32.46 0.82 0.00	30.43 0.77 0.00	28.97 0.82 0.00	28.12 0.76 0.00	30.34 0.86 0.00	33.22 1.06 0.00	37.58 1.30 0.00	45.86 1.64 0.00	51.98 1.80 0.00	50.99 1.72 0.00	43.47 1.35 0.00	38.80 1.13 0.00	37.33 0.94 0.00
V_A_10_SYNC_DSASP 323832	32.28 -2.58 0.00	30.50 -2.76 0.00	29.29 -2.62 0.00	28.37 -2.40 0.00	28.20 -2.42 0.00	30.86 -2.76 0.00	37.23 -3.32 0.00	41.92 -3.94 0.00	37.65 -3.19 0.00	31.92 -2.29 0.02	29.80 -1.90 0.02	29.55 -2.09 0.00	27.73 -1.93 0.00	26.04 -2.11 0.00	25.42 -1.92 0.02	27.36 -2.12 0.00	27.91 -1.74 2.51	32.86 -1.92 1.49	41.17 -2.74 0.32	46.55 -3.61 0.01	45.91 -3.35 0.00	39.64 -2.49 0.00	35.94 -1.73 0.00	35.44 -0.95 0.00
V_CMM_10_SYNC_DSASP 323787	34.69 -0.17 0.00	33.03 -0.23 0.00	31.69 -0.22 0.00	30.47 -0.31 0.00	30.25 -0.37 0.00	33.38 -0.23 0.00	40.31 -0.24 0.00	45.59 -0.27 0.00	40.55 -0.28 0.00	33.95 -0.28 0.00	31.44 -0.29 0.00	31.42 -0.22 0.00	29.45 -0.21 0.00	27.98 -0.17 0.00	27.16 -0.19 0.00	29.25 -0.24 0.00	31.74 -0.42 0.00	35.77 -0.51 0.00	43.56 -0.66 0.00	49.57 -0.60 0.00	48.77 -0.49 0.00	41.70 -0.42 0.00	37.33 -0.34 0.00	36.14 -0.25 0.00
V_CMP_10_SYNC_DSASP 323788	33.71 -1.15 0.00	32.16 -1.10 0.00	30.98 -0.93 0.00	29.73 -1.05 0.00	29.43 -1.19 0.00	32.51 -1.11 0.00	39.38 -1.18 0.00	44.67 -1.19 0.00	39.81 -1.02 0.00	33.44 -0.79 0.00	30.93 -0.79 0.00	31.29 -0.35 0.00	29.21 -0.44 0.00	27.73 -0.42 0.00	26.83 -0.52 0.00	28.78 -0.71 0.00	30.65 -1.51 0.00	-6.38 -1.74 40.92	-6.33 -2.17 48.39	-6.15 -2.31 54.01	-6.26 -2.07 53.46	-6.32 -1.81 46.64	-6.32 -1.73 42.26	-6.20 -1.75 40.84
V_D_10_SYNC_DSASP 323841	34.76 -0.10 0.00	33.09 -0.17 0.00	31.78 -0.13 0.00	30.53 -0.25 0.00	30.31 -0.31 0.00	33.45 -0.17 0.00	40.43 -0.12 0.00	45.68 -0.18 0.00	40.63 -0.20 0.00	33.99 -0.24 0.00	31.47 -0.25 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	28.07 -0.08 0.00	27.22 -0.14 0.00	29.28 -0.20 0.00	31.81 -0.35 0.00	37.22 -0.43 -1.37	45.32 -0.53 -1.62	51.53 -0.45 -1.81	50.72 -0.34 -1.79	43.44 -0.25 -1.56	38.86 -0.22 -1.42	37.65 -0.11 -1.37
V_E_10_SYNC_DSASP 323830	37.06 2.20 0.00	35.05 1.79 0.00	33.47 1.56 0.00	32.34 1.57 0.00	32.24 1.62 0.00	35.46 1.85 0.00	42.86 2.31 0.00	48.34 2.48 0.00	42.75 1.92 0.00	35.71 1.47 -0.01	33.16 1.43 -0.01	33.16 1.52 0.00	31.02 1.36 0.00	29.42 1.27 0.00	28.65 1.29 -0.01	30.93 1.44 0.00	34.31 1.29 -0.87	38.53 1.74 -0.51	46.59 2.25 -0.11	53.09 2.91 0.00	52.47 3.20 0.00	44.91 2.78 0.00	40.19 2.52 0.00	39.01 2.62 0.00
V_F_30_NSYNC___DSASP 323816	36.33 1.46 0.00	34.76 1.50 0.00	33.35 1.44 0.00	32.16 1.39 0.00	32.03 1.41 0.00	35.16 1.55 0.00	42.46 1.91 0.00	47.93 2.07 0.00	42.51 1.67 0.00	35.46 1.23 0.00	32.74 1.01 0.00	32.62 0.98 0.00	30.63 0.98 0.00	29.16 1.01 0.00	28.34 0.98 0.00	30.58 1.09 0.00	33.48 1.32 0.00	37.91 1.63 0.00	46.35 2.12 0.00	52.68 2.51 0.00	51.73 2.46 0.00	44.02 1.90 0.00	39.32 1.66 0.00	37.85 1.46 0.00

V_F_30_SYNC_DSASP 323786	35.56 0.70 0.00	34.06 0.80 0.00	32.84 0.93 0.00	31.70 0.92 0.00	31.54 0.92 0.00	34.49 0.87 0.00	41.45 0.89 0.00	46.88 1.01 0.00	41.69 0.86 0.00	34.95 0.72 0.00	32.39 0.67 0.00	32.28 0.63 0.00	30.25 0.59 0.00	28.80 0.65 0.00	27.98 0.63 0.00	30.17 0.68 0.00	32.93 0.77 0.00	37.18 0.91 0.00	45.33 1.11 0.00	51.43 1.25 0.00	50.45 1.18 0.00	43.01 0.88 0.00	38.42 0.75 0.00	37.01 0.62 0.00
V_XM_10_SYNC_DSASP 323789	33.71 -1.15 0.00	32.16 -1.10 0.00	30.98 -0.93 0.00	29.73 -1.05 0.00	29.43 -1.19 0.00	32.51 -1.11 0.00	39.38 -1.18 0.00	44.67 -1.19 0.00	39.81 -1.02 0.00	33.44 -0.79 0.00	30.93 -0.79 0.00	31.29 -0.35 0.00	29.21 -0.44 0.00	27.73 -0.42 0.00	26.83 -0.52 0.00	28.78 -0.71 0.00	30.65 -1.51 0.00	-6.38 -1.74 40.92	-6.33 -2.17 48.39	-6.15 -2.31 54.01	-6.26 -2.07 53.46	-6.32 -1.81 46.64	-6.32 -1.73 42.26	-6.20 -1.75 40.84
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.22 1.36 0.00	34.59 1.33 0.00	33.19 1.28 0.00	32.07 1.29 0.00	31.94 1.32 0.00	35.13 1.51 0.00	42.38 1.82 0.00	48.21 2.34 0.00	42.92 2.08 0.00	35.91 1.68 0.00	33.22 1.49 0.00	33.10 1.46 0.00	31.05 1.39 0.00	29.48 1.32 0.00	28.67 1.31 0.00	30.87 1.39 0.00	33.51 1.35 0.00	37.87 1.60 0.00	46.43 2.21 0.00	52.63 2.46 0.00	51.53 2.27 0.00	44.02 1.90 0.00	39.17 1.51 0.00	37.70 1.31 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.46 1.60 0.00	34.82 1.56 0.00	33.44 1.53 0.00	32.31 1.54 0.00	32.18 1.56 0.00	35.23 1.61 0.00	42.50 1.95 0.00	48.44 2.57 0.00	43.04 2.21 0.00	36.11 1.88 0.00	33.41 1.68 0.00	33.32 1.68 0.00	31.23 1.57 0.00	29.73 1.58 0.00	28.91 1.56 0.00	31.05 1.56 0.00	33.86 1.70 0.00	38.24 1.96 0.00	46.92 2.70 0.00	53.08 2.91 0.00	51.93 2.66 0.00	44.36 2.23 0.00	39.40 1.73 0.00	37.95 1.56 0.00
W50THST__13_KV_LOAD 356117	36.60 1.74 0.00	34.95 1.70 0.00	33.54 1.63 0.00	32.43 1.66 0.00	32.30 1.68 0.00	35.36 1.75 0.00	42.66 2.11 0.00	48.62 2.75 0.00	43.24 2.41 0.00	36.25 2.02 0.00	33.57 1.84 0.00	33.45 1.80 0.00	31.38 1.72 0.00	29.90 1.75 0.00	29.08 1.72 0.00	31.20 1.71 0.00	33.99 1.83 0.00	38.42 2.14 0.00	47.14 2.92 0.00	53.34 3.16 0.00	52.17 2.91 0.00	44.53 2.40 0.00	39.55 1.88 0.00	38.17 1.78 0.00
WADING RIVER_IC_1 23522	36.74 1.88 0.00	35.32 2.06 0.00	33.79 1.88 0.00	32.68 1.91 0.00	32.52 1.90 0.00	35.80 2.18 0.00	43.55 3.00 0.00	49.67 3.80 0.00	44.06 3.23 0.00	36.97 2.74 0.00	34.07 2.35 0.00	33.76 2.12 0.00	31.35 1.69 0.00	29.67 1.52 0.00	28.67 1.31 0.00	30.99 1.50 0.00	34.02 1.86 0.00	38.31 2.03 0.00	47.27 3.05 0.00	53.13 2.96 0.00	52.07 2.81 0.00	44.86 2.74 0.00	39.66 2.00 0.00	38.06 1.67 0.00
WADING RIVER_IC_2 23547	36.74 1.88 0.00	35.32 2.06 0.00	33.79 1.88 0.00	32.68 1.91 0.00	32.52 1.90 0.00	35.80 2.18 0.00	43.55 3.00 0.00	49.67 3.80 0.00	44.06 3.23 0.00	36.97 2.74 0.00	34.07 2.35 0.00	33.76 2.12 0.00	31.35 1.69 0.00	29.67 1.52 0.00	28.67 1.31 0.00	30.99 1.50 0.00	34.02 1.86 0.00	38.31 2.03 0.00	47.27 3.05 0.00	53.13 2.96 0.00	52.07 2.81 0.00	44.86 2.74 0.00	39.66 2.00 0.00	38.06 1.67 0.00
WADING RIVER_IC_3 23601	36.74 1.88 0.00	35.32 2.06 0.00	33.79 1.88 0.00	32.68 1.91 0.00	32.52 1.90 0.00	35.80 2.18 0.00	43.55 3.00 0.00	49.67 3.80 0.00	44.06 3.23 0.00	36.97 2.74 0.00	34.07 2.35 0.00	33.76 2.12 0.00	31.35 1.69 0.00	29.67 1.52 0.00	28.67 1.31 0.00	30.99 1.50 0.00	34.02 1.86 0.00	38.31 2.03 0.00	47.27 3.05 0.00	53.13 2.96 0.00	52.07 2.81 0.00	44.86 2.74 0.00	39.66 2.00 0.00	38.06 1.67 0.00
WALDENNY_12_KV_BK2 80841	32.49 -2.37 0.00	30.83 -2.43 0.00	29.42 -2.49 0.00	28.50 -2.28 0.00	28.32 -2.30 0.00	30.93 -2.69 0.00	37.55 -3.00 0.00	42.11 -3.76 0.00	37.93 -2.90 0.00	32.02 -2.19 0.02	29.83 -1.87 0.02	29.81 -1.84 0.00	27.94 -1.72 0.00	26.18 -1.97 0.00	25.06 -2.27 0.02	27.51 -1.98 0.00	26.94 -2.38 2.84	31.90 -2.68 1.69	40.28 -3.58 0.36	46.96 -3.21 0.01	46.46 -2.81 0.00	40.15 -1.98 0.00	36.42 -1.24 0.00	35.95 -0.44 0.00
WALDEN__HYDRO 24148	36.15 1.29 0.00	34.52 1.26 0.00	33.12 1.21 0.00	32.00 1.23 0.00	31.85 1.22 0.00	34.93 1.31 0.00	42.09 1.54 0.00	47.84 1.97 0.00	42.59 1.76 0.00	35.60 1.37 0.00	32.90 1.17 0.00	32.81 1.17 0.00	30.75 1.10 0.00	29.22 1.07 0.00	28.39 1.04 0.00	30.61 1.12 0.00	33.38 1.22 0.00	37.77 1.49 0.00	46.30 2.08 0.00	52.53 2.36 0.00	51.43 2.17 0.00	43.94 1.81 0.00	39.14 1.47 0.00	37.66 1.27 0.00
WARRENSBURG____ 23737	36.53 1.67 0.00	34.92 1.66 0.00	33.51 1.60 0.00	32.28 1.51 0.00	32.18 1.56 0.00	35.33 1.71 0.00	42.87 2.31 0.00	48.57 2.71 0.00	42.92 2.08 0.00	35.56 1.33 0.00	32.77 1.05 0.00	32.65 1.01 0.00	30.75 1.10 0.00	29.28 1.13 0.00	28.53 1.18 0.00	30.78 1.30 0.00	33.77 1.61 0.00	38.27 2.00 0.00	47.01 2.79 0.00	53.74 3.56 0.00	52.72 3.45 0.00	44.70 2.57 0.00	39.93 2.26 0.00	38.39 2.00 0.00
WATERSIDE____6 8 9 23538	34.77 1.74 1.83	33.02 1.76 2.00	31.48 1.66 2.09	30.26 1.69 2.21	30.31 1.71 2.02	33.43 1.78 1.97	41.47 2.11 1.19	47.96 2.75 0.66	43.19 2.37 0.01	34.28 2.02 1.96	33.15 1.84 0.42	33.44 1.80 0.01	31.37 1.72 0.01	30.39 1.66 -0.58	29.55 1.64 -0.55	31.19 1.71 0.01	33.98 1.83 0.01	38.37 2.10 0.01	47.11 2.87 -0.01	53.28 3.11 0.01	52.12 2.86 0.01	44.52 2.40 0.01	37.98 1.92 1.61	36.38 1.67 1.68
WATKINRD_115KV_LN8_ILLION 55919	35.14 0.28 0.00	33.52 0.27 0.00	32.17 0.26 0.00	31.02 0.25 0.00	30.87 0.24 0.00	33.88 0.27 0.00	40.88 0.32 0.00	46.23 0.37 0.00	41.12 0.29 0.00	34.47 0.24 0.00	31.95 0.22 0.00	31.80 0.16 0.00	29.77 0.12 0.00	28.26 0.11 0.00	27.44 0.08 0.00	29.52 0.03 0.00	32.16 0.00 0.00	36.28 0.00 0.00	44.18 -0.04 0.00	50.12 -0.05 0.00	49.22 -0.05 0.00	42.13 0.00 0.00	37.67 0.00 0.00	36.39 0.00 0.00
WATSON____69_KV_BK 1 55734	36.88 2.02 0.00	35.05 1.80 0.00	33.89 1.98 0.00	32.90 2.12 0.00	32.79 2.17 0.00	36.07 2.45 0.00	43.64 3.08 0.00	49.63 3.76 0.00	44.18 3.35 0.00	36.86 2.64 0.00	34.07 2.35 0.00	33.76 2.12 0.00	31.38 1.72 0.00	29.76 1.60 0.00	28.89 1.53 0.00	31.08 1.59 0.00	34.12 1.96 0.00	38.38 2.10 0.00	47.41 3.18 0.00	53.39 3.21 0.00	52.32 3.05 0.00	45.07 2.95 0.00	40.00 2.34 0.00	38.32 1.93 0.00
WDELAWARE__HYD 323627	36.08 1.22 0.00	34.45 1.20 0.00	33.03 1.12 0.00	31.88 1.11 0.00	31.75 1.13 0.00	34.82 1.21 0.00	42.05 1.50 0.00	47.75 1.88 0.00	42.47 1.64 0.00	35.50 1.27 0.00	32.74 1.01 0.00	32.65 1.01 0.00	30.63 0.98 0.00	29.08 0.93 0.00	28.23 0.88 0.00	30.49 1.00 0.00	33.25 1.09 0.00	37.73 1.45 0.00	46.26 2.04 0.00	52.53 2.36 0.00	51.49 2.22 0.00	43.94 1.81 0.00	39.13 1.47 0.00	37.70 1.31 0.00

WEST BABYLON___IC 23714	36.88 2.02 0.00	35.09 1.83 0.00	33.86 1.95 0.00	32.80 2.03 0.00	32.70 2.08 0.00	35.97 2.35 0.00	43.47 2.92 0.00	49.45 3.58 0.00	44.02 3.19 0.00	36.73 2.50 0.00	33.98 2.25 0.00	33.70 2.06 0.00	31.38 1.72 0.00	29.76 1.60 0.00	28.91 1.56 0.00	31.11 1.62 0.00	34.12 1.96 0.00	38.42 2.14 0.00	47.41 3.18 0.00	53.39 3.21 0.00	52.32 3.05 0.00	45.07 2.95 0.00	40.00 2.34 0.00	38.32 1.93 0.00
WEST CANADA___HYD 24049	34.97 0.10 0.00	33.36 0.10 0.00	32.01 0.10 0.00	30.90 0.12 0.00	30.74 0.12 0.00	33.72 0.10 0.00	40.68 0.12 0.00	46.01 0.14 0.00	40.96 0.12 0.00	34.33 0.10 0.00	31.82 0.10 0.00	31.71 0.06 0.00	29.72 0.06 0.00	28.21 0.06 0.00	27.41 0.05 0.00	29.58 0.09 0.00	32.26 0.10 0.00	36.42 0.15 0.00	44.40 0.18 0.00	50.33 0.15 0.00	49.41 0.15 0.00	42.25 0.13 0.00	37.78 0.11 0.00	36.46 0.07 0.00
WESTERN_NY_WIND 24143	33.12 -1.74 0.00	31.40 -1.86 0.00	29.96 -1.95 0.00	29.05 -1.72 0.00	28.88 -1.75 0.00	31.63 -1.98 0.00	38.24 -2.31 0.00	43.02 -2.84 0.00	38.63 -2.21 0.00	32.67 -1.54 0.02	30.50 -1.21 0.02	30.28 -1.36 0.00	28.38 -1.28 0.00	26.63 -1.52 0.00	25.86 -1.48 0.02	28.01 -1.47 0.00	28.23 -1.19 2.74	33.27 -1.38 1.63	41.98 -1.90 0.34	48.06 -2.11 0.01	47.54 -1.72 0.00	41.07 -1.05 0.00	37.14 -0.53 0.00	36.28 -0.11 0.00
WESTOVER___LESR 323668	34.65 -0.21 0.00	32.99 -0.27 0.00	31.59 -0.32 0.00	30.53 -0.25 0.00	30.38 -0.24 0.00	33.28 -0.34 0.00	40.23 -0.32 0.00	45.41 -0.46 0.00	40.47 -0.37 0.00	33.95 -0.27 0.00	31.54 -0.19 0.00	31.48 -0.16 0.00	29.51 -0.15 0.00	27.90 -0.25 0.00	27.00 -0.36 0.00	29.31 -0.18 0.00	31.81 -0.35 0.00	35.91 -0.36 0.00	43.78 -0.44 0.00	50.12 -0.05 0.00	49.22 -0.05 0.00	42.17 0.04 0.00	37.82 0.15 0.00	36.72 0.33 0.00
WETHRSFD_WT_PWR 323626	32.04 -2.82 0.00	30.23 -3.03 0.00	28.97 -2.94 0.00	28.06 -2.71 0.00	27.96 -2.66 0.00	30.62 -2.99 0.00	36.94 -3.61 0.00	41.51 -4.36 0.00	37.08 -3.76 0.00	30.81 -3.22 0.20	28.70 -2.82 0.20	28.86 -2.78 0.00	27.11 -2.55 0.00	25.48 -2.68 0.00	24.61 -2.54 0.20	26.75 -2.74 0.00	3.29 -3.09 25.78	17.65 -3.30 15.32	37.00 -3.98 3.24	46.14 -3.96 0.07	45.82 -3.45 0.00	39.60 -2.53 0.00	35.94 -1.73 0.00	35.52 -0.87 0.00
WHAVSTOR_138KV_BK127 55557	36.08 1.22 0.00	34.49 1.23 0.00	33.09 1.18 0.00	31.97 1.20 0.00	31.85 1.22 0.00	34.86 1.24 0.00	42.05 1.50 0.00	47.79 1.93 0.00	42.59 1.76 0.00	35.67 1.44 0.00	32.99 1.27 0.00	32.88 1.23 0.00	30.81 1.16 0.00	29.28 1.13 0.00	28.48 1.12 0.00	30.64 1.15 0.00	33.41 1.25 0.00	37.77 1.49 0.00	46.30 2.08 0.00	52.43 2.26 0.00	51.34 2.07 0.00	43.85 1.73 0.00	39.02 1.36 0.00	37.55 1.16 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.08 1.22 0.00	34.49 1.23 0.00	33.09 1.18 0.00	31.97 1.20 0.00	31.85 1.22 0.00	34.86 1.24 0.00	42.05 1.50 0.00	47.79 1.93 0.00	42.59 1.76 0.00	35.67 1.44 0.00	32.99 1.27 0.00	32.88 1.23 0.00	30.81 1.16 0.00	29.28 1.13 0.00	28.48 1.12 0.00	30.64 1.15 0.00	33.41 1.25 0.00	37.77 1.49 0.00	46.30 2.08 0.00	52.43 2.26 0.00	51.34 2.07 0.00	43.85 1.73 0.00	39.02 1.36 0.00	37.55 1.16 0.00
WHITEHAL_115KV_TB1 80871	36.88 2.02 0.00	35.29 2.03 0.00	33.82 1.91 0.00	32.62 1.85 0.00	32.49 1.87 0.00	35.73 2.12 0.00	43.39 2.84 0.00	49.17 3.30 0.00	43.33 2.49 0.00	35.80 1.57 0.00	32.90 1.17 0.00	32.81 1.17 0.00	30.90 1.25 0.00	29.45 1.30 0.00	28.72 1.37 0.00	30.99 1.50 0.00	34.06 1.90 0.00	38.71 2.43 0.00	47.63 3.41 0.00	54.64 4.47 0.00	53.60 4.34 0.00	45.37 3.24 0.00	40.53 2.86 0.00	38.90 2.51 0.00
WHITEPLN_13_KV_LOAD 356215	36.60 1.74 0.00	34.99 1.73 0.00	33.57 1.66 0.00	32.43 1.66 0.00	32.27 1.65 0.00	35.36 1.75 0.00	42.62 2.07 0.00	48.53 2.66 0.00	43.20 2.37 0.00	36.18 1.95 0.00	33.44 1.71 0.00	33.35 1.71 0.00	31.26 1.60 0.00	29.70 1.55 0.00	28.91 1.56 0.00	31.08 1.59 0.00	33.93 1.77 0.00	38.31 2.03 0.00	47.10 2.87 0.00	53.23 3.06 0.00	52.17 2.91 0.00	44.53 2.40 0.00	39.59 1.92 0.00	38.06 1.67 0.00
WM_FLOYD_69_KV_BK2 356380	36.29 1.43 0.00	34.52 1.26 0.00	33.51 1.60 0.00	32.62 1.85 0.00	32.52 1.90 0.00	35.83 2.22 0.00	43.43 2.88 0.00	49.40 3.53 0.00	43.94 3.10 0.00	36.69 2.46 0.00	33.85 2.13 0.00	33.48 1.84 0.00	30.99 1.33 0.00	29.33 1.18 0.00	28.42 1.07 0.00	30.58 1.09 0.00	33.57 1.42 0.00	37.73 1.45 0.00	46.66 2.43 0.00	52.48 2.31 0.00	51.43 2.17 0.00	44.36 2.23 0.00	39.36 1.70 0.00	37.66 1.27 0.00
WOODARD___115KV_TB2 355635	34.51 -0.35 0.00	32.89 -0.37 0.00	31.53 -0.38 0.00	30.47 -0.31 0.00	30.31 -0.31 0.00	33.21 -0.40 0.00	40.11 -0.45 0.00	45.32 -0.55 0.00	40.39 -0.45 0.00	33.95 -0.27 0.00	31.54 -0.19 0.00	31.42 -0.22 0.00	29.45 -0.21 0.00	27.93 -0.23 0.00	27.16 -0.19 0.00	29.31 -0.18 0.00	32.00 -0.16 0.00	36.10 -0.18 0.00	43.87 -0.35 0.00	49.77 -0.40 0.00	48.87 -0.39 0.00	41.79 -0.34 0.00	37.44 -0.23 0.00	36.21 -0.18 0.00
YORK___WARBASSE 23770	53.91 1.95 -17.10	53.87 2.00 -18.62	53.17 1.82 -19.44	53.19 1.85 -20.57	53.32 1.90 -20.80	53.94 1.98 -18.34	54.06 2.35 -11.15	55.01 2.98 -6.16	57.68 2.53 -14.31	54.74 2.22 -18.29	56.98 1.94 -23.31	57.53 1.93 -23.96	57.76 1.84 -26.27	59.99 1.80 -30.03	60.08 1.78 -30.95	59.16 1.83 -27.84	58.84 1.99 -24.68	60.47 2.29 -21.91	60.41 3.14 -13.04	62.44 3.41 -8.85	59.82 3.15 -7.40	59.84 2.65 -15.06	54.84 2.15 -15.02	54.06 1.97 -15.71