

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/19/2025

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	36.24	34.29	33.19	33.54	34.29	36.18	54.41	64.50	50.56	37.22	34.09	30.63	29.48	29.26	28.02	30.63	34.22	39.61	51.20	57.48	52.29	40.55	36.49	33.66
24138	1.69	1.60	1.49	1.57	1.60	2.15	3.08	3.88	3.35	2.60	2.11	2.14	2.03	2.09	2.03	2.29	2.39	3.20	4.05	4.45	3.92	2.97	2.64	2.23
	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	36.34	34.38	33.25	33.58	34.38	36.25	54.62	64.80	50.65	37.25	34.16	30.57	29.48	29.18	27.99	30.55	34.22	39.46	51.15	57.48	52.39	40.62	36.49	33.72
24260	1.80	1.70	1.55	1.60	1.70	2.21	3.29	4.18	3.45	2.63	2.17	2.08	2.03	2.01	2.00	2.21	2.39	3.06	4.01	4.45	4.02	3.04	2.64	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	36.34	34.38	33.25	33.58	34.38	36.25	54.62	64.80	50.65	37.25	34.16	30.57	29.48	29.18	27.99	30.55	34.22	39.46	51.15	57.48	52.39	40.62	36.49	33.72
24261	1.80	1.70	1.55	1.60	1.70	2.21	3.29	4.18	3.45	2.63	2.17	2.08	2.03	2.01	2.00	2.21	2.39	3.06	4.01	4.45	4.02	3.04	2.64	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	35.41	33.53	32.52	32.87	33.70	35.43	53.59	63.34	49.00	35.31	32.40	28.75	27.64	27.39	26.30	28.85	32.63	37.83	49.08	55.41	50.55	39.27	35.24	32.62
24011	0.86	0.85	0.82	0.90	1.01	1.40	2.26	2.73	1.79	0.69	0.42	0.26	0.19	0.22	0.31	0.51	0.80	1.42	1.93	2.39	2.18	1.69	1.39	1.19
	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	35.44	33.57	32.56	32.94	33.70	35.50	53.69	63.41	49.00	35.25	32.37	28.69	27.59	27.33	26.25	28.82	32.60	37.83	49.08	55.51	50.65	39.35	35.27	32.65
23798	0.90	0.88	0.86	0.96	1.01	1.46	2.36	2.79	1.79	0.62	0.39	0.20	0.14	0.16	0.26	0.48	0.76	1.42	1.93	2.49	2.27	1.77	1.42	1.22
	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
ADK S GLENS___FALLS	35.41	33.53	32.52	32.87	33.70	35.43	53.59	63.34	49.00	35.31	32.40	28.75	27.64	27.39	26.30	28.85	32.63	37.83	49.08	55.41	50.55	39.27	35.24	32.62
24028	0.86	0.85	0.82	0.90	1.01	1.40	2.26	2.73	1.79	0.69	0.42	0.26	0.19	0.22	0.31	0.51	0.80	1.42	1.93	2.39	2.18	1.69	1.39	1.19
	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	35.79	33.96	32.93	33.26	34.02	35.91	53.59	63.28	49.19	35.90	33.00	29.43	28.30	28.01	26.97	29.56	33.27	38.41	49.73	56.20	51.33	39.95	35.99	33.28
23527	1.24	1.27	1.24	1.28	1.34	1.87	2.26	2.66	1.98	1.28	1.02	0.94	0.85	0.84	0.99	1.22	1.43	2.00	2.59	3.18	2.95	2.37	2.13	1.85
	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	34.93	33.17	32.18	32.49	33.21	34.82	52.20	61.71	48.05	35.21	32.46	28.92	27.83	27.58	26.46	28.93	32.53	37.32	48.28	54.35	49.63	38.56	34.80	32.31
24190	0.38	0.49	0.48	0.51	0.52	0.78	0.87	1.09	0.85	0.59	0.48	0.43	0.38	0.41	0.47	0.60	0.70	0.91	1.13	1.33	1.26	0.98	0.95	0.88
	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	34.75	32.95	31.92	32.20	32.88	33.80	51.54	60.80	47.39	34.69	32.14	28.60	27.53	27.23	25.96	28.22	31.68	36.15	46.72	52.54	47.99	37.24	33.55	31.11
355683	0.21	0.26	0.22	0.22	0.20	-0.24	0.21	0.18	0.19	0.07	0.16	0.11	0.08	0.05	-0.03	-0.11	-0.16	-0.25	-0.42	-0.48	-0.39	-0.34	-0.30	-0.31
	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	35.44	33.63	32.62	32.94	33.66	35.33	52.97	62.38	48.29	35.07	32.30	28.75	27.67	27.44	26.32	28.85	32.50	37.54	48.75	54.98	50.21	39.04	35.17	32.65
323833	0.90	0.95	0.92	0.96	0.98	1.29	1.64	1.76	1.09	0.45	0.32	0.26	0.22	0.27	0.34	0.51	0.67	1.13	1.60	1.96	1.84	1.46	1.32	1.22
	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_2_SOLAR	35.44	33.63	32.62	32.94	33.66	35.30	52.93	62.38	48.29	35.07	32.30	28.75	27.67	27.44	26.32	28.85	32.50	37.54	48.75	54.98	50.21	39.01	35.17	32.65
323834	0.90	0.95	0.92	0.96	0.98	1.26	1.59	1.76	1.09	0.45	0.32	0.26	0.22	0.27	0.34	0.51	0.67	1.13	1.60	1.96	1.84	1.43	1.32	1.22
	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	34.93	33.17	32.18	32.49	33.21	34.82	52.20	61.71	48.05	35.21	32.46	28.92	27.83	27.58	26.46	28.93	32.53	37.32	48.28	54.35	49.63	38.56	34.80	32.31
23571	0.38	0.49	0.48	0.51	0.52	0.78	0.87	1.09	0.85	0.59	0.48	0.43	0.38	0.41	0.47	0.60	0.70	0.91	1.13	1.33	1.26	0.98	0.95	0.88
	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	34.93 0.38 0.00	33.17 0.49 0.00	32.18 0.48 0.00	32.49 0.51 0.00	33.21 0.52 0.00	34.82 0.78 0.00	52.20 0.87 0.00	61.71 1.09 0.00	48.05 0.85 0.00	35.21 0.59 0.00	32.46 0.48 0.00	28.92 0.43 0.00	27.83 0.38 0.00	27.58 0.41 0.00	26.46 0.47 0.00	28.93 0.60 0.00	32.53 0.70 0.00	37.32 0.91 0.00	48.28 1.13 0.00	54.35 1.33 0.00	49.63 1.26 0.00	38.56 0.98 0.00	34.80 0.95 0.00	32.31 0.88 0.00
ALBANY___3 23573	34.93 0.38 0.00	33.17 0.49 0.00	32.18 0.48 0.00	32.49 0.51 0.00	33.21 0.52 0.00	34.82 0.78 0.00	52.20 0.87 0.00	61.71 1.09 0.00	48.05 0.85 0.00	35.21 0.59 0.00	32.46 0.48 0.00	28.92 0.43 0.00	27.83 0.38 0.00	27.58 0.41 0.00	26.46 0.47 0.00	28.93 0.60 0.00	32.53 0.70 0.00	37.32 0.91 0.00	48.28 1.13 0.00	54.35 1.33 0.00	49.63 1.26 0.00	38.56 0.98 0.00	34.80 0.95 0.00	32.31 0.88 0.00
ALBANY___4 23574	34.93 0.38 0.00	33.17 0.49 0.00	32.18 0.48 0.00	32.49 0.51 0.00	33.21 0.52 0.00	34.82 0.78 0.00	52.20 0.87 0.00	61.71 1.09 0.00	48.05 0.85 0.00	35.21 0.59 0.00	32.46 0.48 0.00	28.92 0.43 0.00	27.83 0.38 0.00	27.58 0.41 0.00	26.46 0.47 0.00	28.93 0.60 0.00	32.53 0.70 0.00	37.32 0.91 0.00	48.28 1.13 0.00	54.35 1.33 0.00	49.63 1.26 0.00	38.56 0.98 0.00	34.80 0.95 0.00	32.31 0.88 0.00
ALBANY___LFGE 323615	35.13 0.59 0.00	33.40 0.72 0.00	32.37 0.67 0.00	32.68 0.70 0.00	33.40 0.72 0.00	35.06 1.02 0.00	52.51 1.18 0.00	62.07 1.45 0.00	48.29 1.09 0.00	35.28 0.66 0.00	32.62 0.64 0.00	29.06 0.57 0.00	27.94 0.49 0.00	27.69 0.51 0.00	26.56 0.57 0.00	29.05 0.71 0.00	32.66 0.83 0.00	37.57 1.16 0.00	48.56 1.41 0.00	54.77 1.75 0.00	49.92 1.55 0.00	38.82 1.24 0.00	35.00 1.15 0.00	32.50 1.07 0.00
ALCOA_PA_115KV_PL-6C 55860	34.75 0.21 0.00	32.95 0.26 0.00	31.92 0.22 0.00	32.20 0.22 0.00	32.91 0.23 0.00	33.80 -0.24 0.00	51.59 0.26 0.00	60.86 0.24 0.00	47.39 0.19 0.00	34.62 0.00 0.00	32.11 0.13 0.00	28.58 0.09 0.00	27.50 0.05 0.00	27.20 0.03 0.00	25.91 -0.08 0.00	28.17 -0.17 0.00	31.64 -0.19 0.00	36.12 -0.29 0.00	46.67 -0.47 0.00	52.49 -0.53 0.00	47.99 -0.39 0.00	37.20 -0.38 0.00	34.64 -0.30 -1.09	32.31 -0.35 -1.23
ALCOA_RYNLDS___DRP 24188	34.75 0.21 0.00	32.95 0.26 0.00	31.92 0.22 0.00	32.20 0.22 0.00	32.91 0.23 0.00	33.80 -0.24 0.00	51.59 0.26 0.00	60.86 0.24 0.00	47.39 0.19 0.00	34.62 0.00 0.00	32.11 0.13 0.00	28.58 0.09 0.00	27.50 0.05 0.00	27.20 0.03 0.00	25.91 -0.08 0.00	28.17 -0.17 0.00	31.64 -0.19 0.00	36.12 -0.29 0.00	46.67 -0.47 0.00	52.49 -0.53 0.00	47.99 -0.39 0.00	37.20 -0.38 0.00	34.64 -0.30 -1.09	32.31 -0.35 -1.23
ALCOA___DSASP 323711	34.76 0.21 0.00	32.94 0.26 0.00	31.92 0.22 0.00	32.20 0.23 0.00	32.94 0.26 0.00	33.83 -0.20 0.00	51.54 0.21 0.00	60.80 0.18 0.00	47.39 0.19 0.00	34.62 0.00 0.00	32.11 0.13 0.00	28.58 0.09 0.00	27.50 0.06 0.00	27.20 0.03 0.00	25.91 -0.08 0.00	28.17 -0.17 0.00	31.64 -0.19 0.00	36.11 -0.29 0.00	46.72 -0.43 0.00	52.49 -0.53 0.00	47.99 -0.39 0.00	37.20 -0.38 0.00	34.64 -0.31 -1.09	32.31 -0.35 -1.23
ALLEGHENY___COGEN 23514	34.20 -0.35 0.00	32.00 -0.69 0.00	31.16 -0.54 0.00	31.34 -0.64 0.00	32.16 -0.52 0.00	33.83 -0.20 0.00	50.56 -0.77 0.00	59.22 -1.39 0.00	45.31 -1.89 0.00	33.34 -1.28 0.00	30.54 -1.44 0.00	27.04 -1.45 0.00	25.83 -1.62 0.00	25.54 -1.63 0.00	24.38 -1.61 0.00	26.44 -1.90 0.00	29.89 -1.94 0.00	34.48 -1.93 0.00	44.97 -2.21 -0.04	51.00 -2.22 -0.20	51.75 -1.89 -5.26	36.31 -1.39 -0.12	32.43 -1.42 0.00	30.33 -1.10 0.00
ALTAMONT_115KV_TB 2 55880	35.17 0.62 0.00	33.34 0.65 0.00	32.30 0.60 0.00	32.62 0.64 0.00	33.37 0.69 0.00	34.92 0.88 0.00	52.46 1.13 0.00	61.95 1.33 0.00	48.29 1.09 0.00	35.38 0.76 0.00	32.56 0.58 0.00	29.03 0.54 0.00	27.97 0.52 0.00	27.71 0.54 0.00	26.56 0.57 0.00	29.02 0.68 0.00	32.60 0.76 0.00	37.46 1.06 0.00	48.56 1.41 0.00	54.67 1.64 0.00	49.88 1.50 0.00	38.78 1.20 0.00	34.93 1.08 0.00	32.37 0.94 0.00
ALTONA_WT_PWR 323606	35.69 1.14 0.00	33.83 1.14 0.00	32.81 1.11 0.00	33.13 1.15 0.00	33.96 1.27 0.00	34.92 0.88 0.00	52.31 0.97 0.00	60.62 0.00 0.00	47.77 0.57 0.00	35.35 0.73 0.00	32.88 0.89 0.00	29.26 0.77 0.00	28.08 0.63 0.00	27.55 0.38 0.00	26.04 0.05 0.00	28.08 -0.26 0.00	31.39 -0.45 0.00	35.64 -0.77 0.00	45.97 -1.18 0.00	51.22 -1.80 0.00	46.35 -2.03 0.00	35.59 -1.99 0.00	-0.27 -1.93 32.19	-6.69 -1.85 36.26
AMERICAN_REF_FUEL 24010	31.92 -2.63 0.00	29.81 -2.88 0.00	29.13 -2.57 0.00	29.23 -2.75 0.00	30.04 -2.65 0.00	31.42 -2.62 0.00	46.10 -5.24 0.00	53.77 -6.85 0.00	41.82 -5.38 0.00	31.26 -3.36 0.00	28.97 -3.01 0.00	25.73 -2.76 0.00	24.73 -2.72 0.00	24.56 -2.61 0.00	23.39 -2.60 0.00	25.11 -3.23 0.00	28.30 -3.53 0.00	32.07 -4.33 0.00	41.29 -5.85 0.01	46.01 -6.94 0.07	39.54 -6.34 2.50	32.85 -4.70 0.03	29.82 -4.03 0.00	28.16 -3.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.41 -2.14 0.00	30.17 -2.52 0.00	29.42 -2.28 0.00	29.55 -2.43 0.00	30.43 -2.25 0.00	31.93 -2.11 0.00	47.22 -4.11 0.00	55.46 -5.15 0.00	42.81 -4.39 0.00	32.10 -2.53 0.00	29.68 -2.30 0.00	26.41 -2.08 0.00	25.31 -2.14 0.00	25.05 -2.12 0.00	23.80 -2.18 0.00	25.62 -2.72 0.00	28.78 -3.06 0.00	32.88 -3.53 0.00	42.52 -4.62 0.00	47.25 -5.73 0.04	41.09 -5.42 1.87	33.36 -4.21 0.01	30.26 -3.59 0.00	28.51 -2.92 0.00
ARTHUR KILL_GT_1 23520	51.43 2.00 -14.88	34.59 1.89 -0.01	38.43 1.77 -4.96	33.81 1.82 -0.01	34.55 1.86 -0.01	51.43 2.42 -14.98	54.58 3.24 -0.01	64.25 3.64 0.00	54.74 2.98 -4.56	54.21 2.25 -17.34	52.77 1.85 -18.94	52.80 1.83 -22.48	52.77 1.76 -23.56	52.79 1.79 -23.83	52.79 1.77 -25.03	52.80 2.04 -22.42	53.96 2.13 -19.99	55.96 2.91 -16.64	56.76 3.77 -5.85	59.00 4.45 -1.53	56.77 3.82 -4.57	54.65 3.12 -13.95	52.78 3.42 -15.51	52.09 2.45 -18.21
ARTHUR_KILL_2 23512	51.36 1.93 -14.88	34.49 1.80 -0.01	38.34 1.68 -4.96	33.74 1.76 -0.01	34.49 1.80 -0.01	51.36 2.35 -14.98	54.47 3.13 -0.01	64.13 3.51 0.00	54.64 2.88 -4.56	54.14 2.18 -17.34	52.71 1.79 -18.94	52.71 1.74 -22.48	52.71 1.70 -23.56	52.71 1.71 -23.83	52.71 1.69 -25.03	52.71 1.95 -22.42	53.89 2.07 -19.99	55.89 2.84 -16.64	56.62 3.63 -5.85	58.79 4.24 -1.53	56.62 3.67 -4.57	54.54 3.01 -13.95	52.71 3.35 -15.51	52.00 2.36 -18.21
ARTHUR_KILL_3 23513	50.80 1.38 -14.87	33.99 1.31 0.00	37.86 1.20 -4.95	33.26 1.28 0.00	33.96 1.27 0.00	50.84 1.84 -14.97	53.85 2.51 0.00	63.77 3.15 0.00	54.49 2.74 -4.55	54.06 2.11 -17.33	52.70 1.79 -18.93	52.70 1.74 -22.47	52.73 1.73 -23.55	52.75 1.77 -23.82	52.73 1.71 -25.03	52.73 1.98 -22.41	53.82 2.01 -19.98	55.77 2.73 -16.63	56.47 3.49 -5.84	58.41 3.87 -1.52	56.42 3.49 -4.56	54.19 2.67 -13.95	51.58 2.23 -15.50	51.61 1.98 -18.20

ARTHUR_KILL_COGEN 323718	51.43 2.00 -14.88	34.59 1.89 -0.01	38.43 1.77 -4.96	33.81 1.82 -0.01	34.55 1.86 -0.01	51.43 2.42 -14.98	54.58 3.24 -0.01	64.25 3.64 0.00	54.74 2.98 -4.56	54.21 2.25 -17.34	52.77 1.85 -18.94	52.80 1.83 -22.48	52.77 1.76 -23.56	52.79 1.79 -23.83	52.79 1.77 -25.03	52.80 2.04 -22.42	53.96 2.13 -19.99	55.96 2.91 -16.64	56.76 3.77 -5.85	59.00 4.45 -1.53	56.77 3.82 -4.57	54.65 3.12 -13.95	52.78 3.42 -15.51	52.09 2.45 -18.21
ASHOKAN____ 23654	36.14 1.59 0.00	34.22 1.54 0.00	33.13 1.43 0.00	33.38 1.41 0.00	34.22 1.54 0.00	36.01 1.97 0.00	54.26 2.92 0.00	64.01 3.39 0.00	49.56 2.36 0.00	35.87 1.24 0.00	32.85 0.86 0.00	29.26 0.77 0.00	28.24 0.80 0.00	28.01 0.84 0.00	26.84 0.86 0.00	29.47 1.13 0.00	33.11 1.27 0.00	38.48 2.07 0.00	50.16 3.02 0.00	56.52 3.50 0.00	51.57 3.19 0.00	40.14 2.56 0.00	35.99 2.13 0.00	33.38 1.95 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.01 1.45 -0.01	34.16 1.47 -0.01	33.01 1.30 -0.01	33.36 1.37 -0.01	34.10 1.40 -0.01	35.95 1.90 -0.01	53.91 2.57 -0.01	63.94 3.33 0.01	50.22 3.02 0.01	36.90 2.28 0.01	33.97 1.98 -0.01	30.41 1.91 -0.01	29.32 1.87 -0.01	29.11 1.93 -0.01	27.84 1.85 -0.01	30.47 2.13 -0.01	34.07 2.23 -0.01	39.35 2.95 0.01	50.86 3.72 0.01	57.15 4.14 0.01	52.14 3.78 0.01	40.41 2.82 -0.01	35.96 2.10 -0.01	33.54 2.11 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	36.01 1.45 -0.01	34.16 1.47 -0.01	33.01 1.30 -0.01	33.36 1.37 -0.01	34.10 1.40 -0.01	35.95 1.90 -0.01	53.91 2.57 -0.01	63.94 3.33 0.01	50.22 3.02 0.01	36.90 2.28 0.01	33.97 1.98 -0.01	30.41 1.91 -0.01	29.32 1.87 -0.01	29.11 1.93 -0.01	27.84 1.85 -0.01	30.47 2.13 -0.01	34.07 2.23 -0.01	39.35 2.95 0.01	50.86 3.72 0.01	57.15 4.14 0.01	52.14 3.78 0.01	40.41 2.82 -0.01	35.96 2.10 -0.01	33.58 2.14 -0.01
ASTORIA_GT2_1 24094	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01
ASTORIA_GT2_2 24095	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01
ASTORIA_GT2_3 24096	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01
ASTORIA_GT2_4 24097	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01
ASTORIA_GT3_1 24098	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01
ASTORIA_GT3_2 24099	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01
ASTORIA_GT3_3 24100	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01
ASTORIA_GT3_4 24101	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01
ASTORIA_GT4_1 24102	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01
ASTORIA_GT4_2 24103	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01
ASTORIA_GT4_3 24104	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01

ASTORIA_GT4_4 24105	36.08 1.52 -0.01	34.23 1.54 -0.01	33.01 1.30 -0.01	33.39 1.41 -0.01	34.20 1.50 -0.01	35.95 1.91 -0.01	54.16 2.82 -0.01	64.25 3.64 0.00	50.45 3.26 0.01	37.11 2.49 0.01	34.10 2.11 -0.01	30.55 2.05 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.50 2.15 -0.01	34.17 2.32 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.15 4.14 0.01	52.19 3.82 0.01	40.41 2.82 -0.01	36.30 2.44 -0.01	33.57 2.14 -0.01
ASTORIA_GT_1 23523	36.07 1.52 -0.01	34.20 1.50 -0.01	33.04 1.33 -0.01	33.43 1.44 -0.01	34.16 1.47 -0.01	36.02 1.97 -0.01	54.06 2.72 -0.01	64.06 3.45 0.01	50.31 3.11 0.01	36.97 2.36 0.01	34.07 2.08 -0.01	30.46 1.96 -0.01	29.38 1.92 -0.01	29.16 1.98 -0.01	27.89 1.90 -0.01	30.53 2.18 -0.01	34.14 2.29 -0.01	39.42 3.02 0.01	51.00 3.87 0.01	57.26 4.24 0.01	52.24 3.87 0.01	40.48 2.89 -0.01	36.03 2.17 -0.01	33.60 2.17 -0.01
ASTORIA_GT_10 24110	36.35 1.80 -0.01	34.42 1.73 -0.01	33.26 1.55 -0.01	33.62 1.63 -0.01	34.42 1.73 -0.01	36.68 2.21 -0.43	54.63 3.29 -0.01	64.68 4.06 0.00	51.39 3.45 -0.74	53.83 2.60 -16.62	37.23 2.17 -3.07	36.45 2.08 -5.87	38.89 2.00 -9.44	39.39 2.01 -10.21	41.86 1.98 -13.89	36.22 2.21 -5.67	38.52 2.39 -4.30	53.62 3.02 -14.19	53.66 3.96 -2.56	57.61 4.35 -0.24	53.09 3.97 -0.75	41.14 3.04 -0.52	37.10 2.67 -0.58	34.40 2.29 -0.68
ASTORIA_GT_11 24225	36.35 1.80 -0.01	34.42 1.73 -0.01	33.26 1.55 -0.01	33.62 1.63 -0.01	34.42 1.73 -0.01	36.68 2.21 -0.43	54.63 3.29 -0.01	64.68 4.06 0.00	51.39 3.45 -0.74	53.83 2.60 -16.62	37.23 2.17 -3.07	36.45 2.08 -5.87	38.89 2.00 -9.44	39.39 2.01 -10.21	41.86 1.98 -13.89	36.22 2.21 -5.67	38.52 2.39 -4.30	53.62 3.02 -14.19	53.66 3.96 -2.56	57.61 4.35 -0.24	53.09 3.97 -0.75	41.14 3.04 -0.52	37.10 2.67 -0.58	34.40 2.29 -0.68
ASTORIA_GT_12 24226	36.35 1.80 -0.01	34.42 1.73 -0.01	33.26 1.55 -0.01	33.62 1.63 -0.01	34.42 1.73 -0.01	36.68 2.21 -0.43	54.63 3.29 -0.01	64.68 4.06 0.00	51.39 3.45 -0.74	53.83 2.60 -16.62	37.23 2.17 -3.07	36.45 2.08 -5.87	38.89 2.00 -9.44	39.39 2.01 -10.21	41.86 1.98 -13.89	36.22 2.21 -5.67	38.52 2.39 -4.30	53.62 3.02 -14.19	53.66 3.96 -2.56	57.61 4.35 -0.24	53.09 3.97 -0.75	41.14 3.04 -0.52	37.10 2.67 -0.58	34.40 2.29 -0.68
ASTORIA_GT_13 24227	36.35 1.80 -0.01	34.42 1.73 -0.01	33.26 1.55 -0.01	33.62 1.63 -0.01	34.42 1.73 -0.01	36.68 2.21 -0.43	54.63 3.29 -0.01	64.68 4.06 0.00	51.39 3.45 -0.74	53.83 2.60 -16.62	37.23 2.17 -3.07	36.45 2.08 -5.87	38.89 2.00 -9.44	39.39 2.01 -10.21	41.86 1.98 -13.89	36.22 2.21 -5.67	38.52 2.39 -4.30	53.62 3.02 -14.19	53.66 3.96 -2.56	57.61 4.35 -0.24	53.09 3.97 -0.75	41.14 3.04 -0.52	37.10 2.67 -0.58	34.40 2.29 -0.68
ASTORIA_GT_5 24106	36.11 1.55 -0.01	34.26 1.57 -0.01	33.07 1.36 -0.01	33.42 1.44 -0.01	34.23 1.54 -0.01	36.02 1.97 -0.01	54.21 2.87 -0.01	64.37 3.76 0.00	50.55 3.35 0.01	37.18 2.56 0.01	34.16 2.17 -0.01	30.61 2.11 -0.01	29.51 2.06 -0.01	29.22 2.04 -0.01	28.00 2.00 -0.01	30.56 2.21 -0.01	34.23 2.39 -0.01	39.38 2.99 0.01	51.05 3.91 0.01	57.26 4.24 0.01	52.29 3.92 0.01	40.48 2.89 -0.01	36.33 2.47 -0.01	33.61 2.17 -0.01
ASTORIA_GT_7 24107	36.11 1.55 -0.01	34.26 1.57 -0.01	33.07 1.36 -0.01	33.42 1.44 -0.01	34.23 1.54 -0.01	36.02 1.97 -0.01	54.21 2.87 -0.01	64.37 3.76 0.00	50.55 3.35 0.01	37.18 2.56 0.01	34.16 2.17 -0.01	30.61 2.11 -0.01	29.51 2.06 -0.01	29.22 2.04 -0.01	28.00 2.00 -0.01	30.56 2.21 -0.01	34.23 2.39 -0.01	39.38 2.99 0.01	51.05 3.91 0.01	57.26 4.24 0.01	52.29 3.92 0.01	40.48 2.89 -0.01	36.33 2.47 -0.01	33.61 2.17 -0.01
ASTORIA_GT_8 24108	36.11 1.55 -0.01	34.26 1.57 -0.01	33.07 1.36 -0.01	33.42 1.44 -0.01	34.23 1.54 -0.01	36.02 1.97 -0.01	54.21 2.87 -0.01	64.37 3.76 0.00	50.55 3.35 0.01	37.18 2.56 0.01	34.16 2.17 -0.01	30.61 2.11 -0.01	29.51 2.06 -0.01	29.22 2.04 -0.01	28.00 2.00 -0.01	30.56 2.21 -0.01	34.23 2.39 -0.01	39.38 2.99 0.01	51.05 3.91 0.01	57.26 4.24 0.01	52.29 3.92 0.01	40.48 2.89 -0.01	36.33 2.47 -0.01	33.61 2.17 -0.01
ASTORIA___2 24149	36.04 1.48 -0.01	34.16 1.47 -0.01	33.01 1.30 -0.01	33.36 1.37 -0.01	34.10 1.40 -0.01	35.95 1.90 -0.01	53.96 2.62 -0.01	63.94 3.33 0.01	50.22 3.02 0.01	36.90 2.28 0.01	34.01 2.02 -0.01	30.44 1.94 -0.01	29.35 1.89 -0.01	29.11 1.93 -0.01	27.87 1.87 -0.01	30.47 2.13 -0.01	34.10 2.26 -0.01	39.35 2.95 0.01	50.91 3.77 0.01	57.20 4.19 0.01	52.14 3.78 0.01	40.41 2.82 -0.01	35.96 2.10 -0.01	33.58 2.14 -0.01
ASTORIA___3 23516	36.35 1.80 -0.01	34.39 1.70 -0.01	33.26 1.55 -0.01	33.61 1.63 -0.01	34.36 1.67 -0.01	36.68 2.21 -0.43	54.42 3.08 -0.01	64.38 3.76 0.00	51.16 3.21 -0.74	53.66 2.42 -16.62	37.13 2.08 -3.07	36.36 1.99 -5.87	38.81 1.92 -9.44	39.34 1.96 -10.21	41.78 1.90 -13.89	36.19 2.18 -5.67	38.43 2.29 -4.30	53.66 3.06 -14.19	53.66 3.96 -2.56	57.66 4.40 -0.24	53.09 3.97 -0.75	41.14 3.04 -0.52	37.07 2.64 -0.58	34.40 2.29 -0.68
ASTORIA___4 23517	36.35 1.80 -0.01	34.42 1.73 -0.01	33.26 1.55 -0.01	33.62 1.63 -0.01	34.42 1.73 -0.01	36.68 2.21 -0.43	54.63 3.29 -0.01	64.68 4.06 0.00	51.39 3.45 -0.74	53.83 2.60 -16.62	37.23 2.17 -3.07	36.45 2.08 -5.87	38.89 2.00 -9.44	39.39 2.01 -10.21	41.86 1.98 -13.89	36.22 2.21 -5.67	38.52 2.39 -4.30	53.62 3.02 -14.19	53.66 3.96 -2.56	57.61 4.35 -0.24	53.09 3.97 -0.75	41.14 3.04 -0.52	37.10 2.67 -0.58	34.40 2.29 -0.68
ASTORIA___5 23518	36.35 1.80 -0.01	34.39 1.70 -0.01	33.26 1.55 -0.01	33.61 1.63 -0.01	34.36 1.67 -0.01	36.68 2.21 -0.43	54.42 3.08 -0.01	64.38 3.76 0.00	51.16 3.21 -0.74	53.66 2.42 -16.62	37.13 2.08 -3.07	36.36 1.99 -5.87	38.81 1.92 -9.44	39.34 1.96 -10.21	41.78 1.90 -13.89	36.19 2.18 -5.67	38.43 2.29 -4.30	53.66 3.06 -14.19	53.66 3.96 -2.56	57.66 4.40 -0.24	53.09 3.97 -0.75	41.14 3.04 -0.52	37.07 2.64 -0.58	34.40 2.29 -0.68
AST_ENERGY_2_CC3 323677	36.17 1.62 0.00	34.22 1.54 0.00	33.13 1.43 0.00	33.48 1.50 0.00	34.19 1.50 0.00	36.08 2.04 0.00	54.15 2.82 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.73 1.74 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.40 2.82 0.00	36.39 2.54 0.00	33.60 2.17 0.00
AST_ENERGY_2_CC4 323678	36.17 1.62 0.00	34.22 1.54 0.00	33.13 1.43 0.00	33.48 1.50 0.00	34.19 1.50 0.00	36.08 2.04 0.00	54.15 2.82 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.73 1.74 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.40 2.82 0.00	36.39 2.54 0.00	33.60 2.17 0.00

ATHENS_STG_1 23668	35.38 0.83 0.00	33.50 0.82 0.00	32.46 0.76 0.00	32.74 0.77 0.00	33.50 0.82 0.00	35.20 1.16 0.00	52.82 1.49 0.00	62.38 1.76 0.00	48.67 1.46 0.00	35.63 1.00 0.00	32.81 0.83 0.00	29.29 0.80 0.00	28.24 0.80 0.00	27.99 0.81 0.00	26.82 0.83 0.00	29.30 0.96 0.00	32.88 1.05 0.00	37.90 1.49 0.00	49.08 1.93 0.00	55.25 2.23 0.00	50.41 2.03 0.00	39.16 1.58 0.00	35.24 1.39 0.00	32.62 1.19 0.00
ATHENS_STG_2 23670	35.38 0.83 0.00	33.50 0.82 0.00	32.46 0.76 0.00	32.74 0.77 0.00	33.50 0.82 0.00	35.20 1.16 0.00	52.82 1.49 0.00	62.38 1.76 0.00	48.67 1.46 0.00	35.63 1.00 0.00	32.81 0.83 0.00	29.29 0.80 0.00	28.24 0.80 0.00	27.99 0.81 0.00	26.82 0.83 0.00	29.30 0.96 0.00	32.88 1.05 0.00	37.90 1.49 0.00	49.08 1.93 0.00	55.25 2.23 0.00	50.41 2.03 0.00	39.16 1.58 0.00	35.24 1.39 0.00	32.62 1.19 0.00
ATHENS_STG_3 23677	35.38 0.83 0.00	33.50 0.82 0.00	32.46 0.76 0.00	32.74 0.77 0.00	33.50 0.82 0.00	35.20 1.16 0.00	52.82 1.49 0.00	62.38 1.76 0.00	48.67 1.46 0.00	35.63 1.00 0.00	32.81 0.83 0.00	29.29 0.80 0.00	28.24 0.80 0.00	27.99 0.81 0.00	26.82 0.83 0.00	29.30 0.96 0.00	32.88 1.05 0.00	37.90 1.49 0.00	49.08 1.93 0.00	55.25 2.23 0.00	50.41 2.03 0.00	39.16 1.58 0.00	35.24 1.39 0.00	32.62 1.19 0.00
AUBURN___LFGE 323710	34.13 -0.41 0.00	32.16 -0.52 0.00	31.29 -0.41 0.00	31.50 -0.48 0.00	32.23 -0.46 0.00	33.83 -0.20 0.00	50.72 -0.62 0.00	59.89 -0.73 0.00	46.45 -0.76 0.00	34.17 -0.45 0.00	31.63 -0.35 0.00	28.09 -0.40 0.00	27.04 -0.41 0.00	26.74 -0.43 0.00	25.55 -0.44 0.00	27.88 -0.45 0.00	31.36 -0.48 0.00	35.75 -0.66 0.00	46.34 -0.80 0.00	52.07 -0.95 -0.01	47.93 -0.82 -0.37	36.94 -0.64 0.00	33.21 -0.64 0.00	30.93 -0.50 0.00
BABYLON_RES_REC 323704	36.34 1.80 0.00	34.32 1.63 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.19 1.50 0.00	36.42 2.38 0.00	54.36 3.03 0.00	64.19 3.58 0.00	50.41 3.21 0.00	36.59 1.97 0.00	33.64 1.66 0.00	30.06 1.57 0.00	28.87 1.43 0.00	28.52 1.36 0.01	27.36 1.38 0.00	30.21 1.87 0.00	33.93 2.10 0.00	39.50 3.09 0.00	51.01 3.87 0.00	57.48 4.45 0.00	52.78 4.40 0.00	43.82 3.53 -2.71	36.83 2.98 0.00	33.75 2.33 0.00
BABYLON__69_KV_BK2 356345	36.66 2.11 0.00	34.87 2.19 0.00	33.51 1.81 0.00	33.80 1.82 0.00	34.84 2.16 0.00	36.79 2.76 0.00	55.39 4.06 0.00	65.47 4.85 0.00	51.17 3.97 0.00	37.05 2.42 0.00	34.16 2.17 0.00	30.34 1.85 0.00	29.12 1.67 0.00	28.72 1.55 0.00	27.62 1.64 0.00	30.41 2.07 0.00	34.25 2.42 0.00	39.79 3.39 0.00	51.53 4.38 0.00	58.32 5.30 0.00	53.41 5.03 0.00	44.23 3.95 -2.71	37.14 3.28 0.00	34.04 2.61 0.00
BALL_HILL_WT_PWR 323825	32.89 -1.66 0.00	30.66 -2.03 0.00	29.96 -1.74 0.00	30.06 -1.92 0.00	30.92 -1.77 0.00	32.44 -1.60 0.00	47.94 -3.39 0.00	56.25 -4.37 0.00	43.47 -3.73 0.00	32.55 -2.08 0.00	30.06 -1.92 0.00	26.72 -1.77 0.00	25.66 -1.78 0.00	25.41 -1.77 0.00	24.17 -1.82 0.00	26.01 -2.32 0.00	29.26 -2.58 0.00	33.35 -3.06 0.00	43.08 -4.05 0.01	47.88 -5.09 0.05	41.53 -4.74 2.11	33.92 -3.64 0.02	30.80 -3.05 0.00	29.04 -2.39 0.00
BARON_WINDS___WT_PWR 323822	33.20 -1.35 0.00	31.08 -1.60 0.00	30.24 -1.46 0.00	30.41 -1.57 0.00	31.21 -1.47 0.00	32.71 -1.33 0.00	48.66 -2.67 0.00	57.16 -3.45 0.00	44.09 -3.12 0.00	32.55 -2.08 0.00	29.97 -2.01 0.00	26.58 -1.91 0.00	25.47 -1.98 0.00	25.16 -2.01 0.00	23.99 -2.00 0.00	25.96 -2.38 0.00	29.29 -2.55 0.00	33.49 -2.91 0.00	43.37 -3.68 0.10	48.00 -4.45 0.57	26.42 -4.11 17.84	34.22 -3.08 0.28	31.11 -2.74 0.00	29.20 -2.23 0.00
BARRETT_IC_1 23704	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BARRETT_IC_10 23701	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BARRETT_IC_11 23702	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BARRETT_IC_12 23703	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BARRETT_IC_2 23705	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BARRETT_IC_3 23706	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BARRETT_IC_4 23707	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00

BARRETT_IC_5 23708	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BARRETT_IC_6 23709	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BARRETT_IC_7 23710	36.17 1.62 0.00	34.32 1.63 0.00	33.09 1.39 0.00	33.42 1.44 0.00	34.32 1.63 0.00	36.18 2.14 0.00	54.36 3.03 0.00	64.13 3.52 0.00	50.41 3.21 0.00	36.73 2.11 0.00	33.80 1.82 0.00	30.14 1.65 0.00	28.99 1.54 0.00	28.64 1.47 0.00	27.52 1.53 0.00	30.18 1.84 0.00	33.90 2.07 0.00	39.25 2.84 0.00	50.63 3.49 0.00	57.05 4.03 0.00	52.15 3.77 0.00	43.44 3.16 -2.71	36.49 2.64 0.00	33.57 2.14 0.00
BARRETT_IC_8 23711	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BARRETT_IC_9 23700	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BARRETT___1 23545	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BARRETT___2 23546	36.17 1.62 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.09 1.40 0.00	36.18 2.15 0.00	53.90 2.57 0.00	63.71 3.09 0.00	50.13 2.93 0.00	36.56 1.94 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.60 1.44 0.01	27.42 1.43 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.63 3.49 0.00	56.94 3.92 0.00	52.15 3.78 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.57 2.14 0.00
BATAVIA__115KV_TB1 55881	33.30 -1.24 0.00	31.05 -1.63 0.00	30.40 -1.30 0.00	30.54 -1.44 0.00	31.15 -1.54 0.00	32.91 -1.12 0.00	48.66 -2.67 0.00	56.98 -3.64 0.00	44.13 -3.07 0.00	32.79 -1.83 0.00	30.35 -1.63 0.00	26.92 -1.57 0.00	25.88 -1.56 0.00	25.65 -1.52 0.00	24.38 -1.61 0.00	26.44 -1.90 0.00	29.64 -2.20 0.00	33.97 -2.44 0.00	43.65 -3.49 0.01	49.15 -3.82 0.05	42.79 -3.53 2.05	34.96 -2.59 0.02	31.62 -2.23 0.00	29.61 -1.82 0.00
BAYONEEC___CTG1 323682	36.10 1.56 0.00	34.12 1.44 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.09 1.40 0.00	36.01 1.97 0.00	54.05 2.72 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.76 1.77 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.36 2.78 0.00	36.29 2.44 0.00	33.54 2.11 0.00
BAYONEEC___CTG10 323750	36.10 1.56 0.00	34.12 1.44 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.09 1.40 0.00	36.01 1.97 0.00	54.05 2.72 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.76 1.77 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.36 2.78 0.00	36.29 2.44 0.00	33.54 2.11 0.00
BAYONEEC___CTG2 323683	36.10 1.56 0.00	34.12 1.44 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.09 1.40 0.00	36.01 1.97 0.00	54.05 2.72 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.76 1.77 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.36 2.78 0.00	36.29 2.44 0.00	33.54 2.11 0.00
BAYONEEC___CTG3 323684	36.10 1.56 0.00	34.12 1.44 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.09 1.40 0.00	36.01 1.97 0.00	54.05 2.72 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.76 1.77 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.36 2.78 0.00	36.29 2.44 0.00	33.54 2.11 0.00
BAYONEEC___CTG4 323685	36.10 1.56 0.00	34.12 1.44 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.09 1.40 0.00	36.01 1.97 0.00	54.05 2.72 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.76 1.77 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.36 2.78 0.00	36.29 2.44 0.00	33.54 2.11 0.00
BAYONEEC___CTG5 323686	36.10 1.56 0.00	34.12 1.44 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.09 1.40 0.00	36.01 1.97 0.00	54.05 2.72 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.76 1.77 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.36 2.78 0.00	36.29 2.44 0.00	33.54 2.11 0.00
BAYONEEC___CTG6 323687	36.10 1.56 0.00	34.12 1.44 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.09 1.40 0.00	36.01 1.97 0.00	54.05 2.72 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.76 1.77 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.36 2.78 0.00	36.29 2.44 0.00	33.54 2.11 0.00

BAYONEEC___CTG7 323688	36.10 1.56 0.00	34.12 1.44 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.09 1.40 0.00	36.01 1.97 0.00	54.05 2.72 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.76 1.77 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.36 2.78 0.00	36.29 2.44 0.00	33.54 2.11 0.00
BAYONEEC___CTG8 323689	36.10 1.56 0.00	34.12 1.44 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.09 1.40 0.00	36.01 1.97 0.00	54.05 2.72 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.76 1.77 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.36 2.78 0.00	36.29 2.44 0.00	33.54 2.11 0.00
BAYONEEC___CTG9 323749	36.10 1.56 0.00	34.12 1.44 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.09 1.40 0.00	36.01 1.97 0.00	54.05 2.72 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.87 1.89 0.00	30.32 1.83 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.76 1.77 0.00	30.38 2.04 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.36 2.78 0.00	36.29 2.44 0.00	33.54 2.11 0.00
BEACON___LESR 323632	35.38 0.83 0.00	33.60 0.91 0.00	32.56 0.86 0.00	32.87 0.89 0.00	33.60 0.91 0.00	35.30 1.26 0.00	52.93 1.59 0.00	62.56 1.94 0.00	48.57 1.37 0.00	35.42 0.80 0.00	32.72 0.74 0.00	29.15 0.66 0.00	28.03 0.58 0.00	27.77 0.60 0.00	26.64 0.65 0.00	29.16 0.82 0.00	32.79 0.95 0.00	37.75 1.35 0.00	48.84 1.69 0.00	55.09 2.07 0.00	50.26 1.88 0.00	39.08 1.50 0.00	35.24 1.39 0.00	32.65 1.22 0.00
BEAVER RIVER___HYD 24048	34.13 -0.41 0.00	32.29 -0.39 0.00	31.29 -0.41 0.00	31.59 -0.38 0.00	32.39 -0.29 0.00	33.46 -0.58 0.00	50.82 -0.51 0.00	60.01 -0.61 0.00	46.30 -0.90 0.00	33.48 -1.14 0.00	30.96 -1.02 0.00	27.47 -1.02 0.00	26.43 -1.02 0.00	26.14 -1.03 0.00	24.92 -1.07 0.00	27.26 -1.08 0.00	30.72 -1.12 0.00	35.28 -1.13 0.00	46.06 -1.08 0.00	52.12 -0.90 0.00	47.60 -0.78 0.00	36.90 -0.68 0.00	34.89 -0.88 -1.92	32.74 -0.85 -2.16
BEEBEE_GT_13 23619	33.27 -1.28 0.00	31.15 -1.54 0.00	30.40 -1.30 0.00	30.57 -1.41 0.00	31.21 -1.47 0.00	32.85 -1.19 0.00	48.71 -2.62 0.00	57.28 -3.33 0.00	44.47 -2.74 0.00	32.96 -1.66 0.00	30.57 -1.41 0.00	27.15 -1.34 0.00	26.13 -1.32 0.00	25.89 -1.28 0.00	24.66 -1.33 0.00	26.81 -1.53 0.00	30.08 -1.75 0.00	34.33 -2.08 0.00	44.27 -2.88 0.00	49.77 -3.23 0.02	44.49 -2.95 0.94	35.36 -2.22 0.01	31.89 -1.96 0.00	29.83 -1.60 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.60 2.18 -14.88	34.75 2.06 -0.01	38.56 1.90 -4.96	33.94 1.95 -0.01	34.75 2.06 -0.01	51.60 2.59 -14.98	55.14 3.80 -0.01	65.22 4.61 0.00	56.11 3.78 -5.13	70.81 2.87 -33.31	55.66 2.37 -21.31	58.30 2.28 -27.53	61.78 2.20 -32.14	62.53 2.20 -33.16	66.15 2.16 -38.01	58.01 2.41 -27.26	58.00 2.61 -23.55	69.98 3.35 -30.22	59.71 4.38 -8.18	59.65 4.93 -1.70	57.92 4.40 -5.14	54.95 3.42 -13.95	52.37 3.01 -15.51	52.28 2.64 -18.21
BETHLEHEM___GRP 23843	34.93 0.38 0.00	33.17 0.49 0.00	32.18 0.48 0.00	32.49 0.51 0.00	33.21 0.52 0.00	34.82 0.78 0.00	52.20 0.87 0.00	61.71 1.09 0.00	48.05 0.85 0.00	35.21 0.59 0.00	32.46 0.48 0.00	28.92 0.43 0.00	27.83 0.38 0.00	27.58 0.41 0.00	26.46 0.47 0.00	28.93 0.60 0.00	32.53 0.70 0.00	37.32 0.91 0.00	48.28 1.13 0.00	54.35 1.33 0.00	49.63 1.26 0.00	38.56 0.98 0.00	34.80 0.95 0.00	32.31 0.88 0.00
BETHLEHEM___GS1 323560	34.89 0.35 0.00	33.21 0.52 0.00	32.18 0.48 0.00	32.49 0.51 0.00	33.18 0.49 0.00	34.82 0.78 0.00	52.10 0.77 0.00	61.58 0.97 0.00	47.91 0.71 0.00	35.04 0.42 0.00	32.43 0.45 0.00	28.89 0.40 0.00	27.78 0.33 0.00	27.55 0.38 0.00	26.40 0.41 0.00	28.90 0.57 0.00	32.47 0.64 0.00	37.32 0.91 0.00	48.23 1.09 0.00	54.35 1.33 0.00	49.63 1.26 0.00	38.55 0.98 0.00	34.80 0.95 0.00	32.31 0.88 0.00
BETHLEHEM___GS2 323561	34.89 0.35 0.00	33.21 0.52 0.00	32.18 0.48 0.00	32.49 0.51 0.00	33.18 0.49 0.00	34.82 0.78 0.00	52.10 0.77 0.00	61.58 0.97 0.00	47.91 0.71 0.00	35.04 0.42 0.00	32.43 0.45 0.00	28.89 0.40 0.00	27.78 0.33 0.00	27.55 0.38 0.00	26.40 0.41 0.00	28.90 0.57 0.00	32.47 0.64 0.00	37.32 0.91 0.00	48.23 1.09 0.00	54.35 1.33 0.00	49.63 1.26 0.00	38.55 0.98 0.00	34.80 0.95 0.00	32.31 0.88 0.00
BETHLEHEM___GS3 323562	34.89 0.35 0.00	33.21 0.52 0.00	32.18 0.48 0.00	32.49 0.51 0.00	33.18 0.49 0.00	34.82 0.78 0.00	52.10 0.77 0.00	61.58 0.97 0.00	47.91 0.71 0.00	35.04 0.42 0.00	32.43 0.45 0.00	28.89 0.40 0.00	27.78 0.33 0.00	27.55 0.38 0.00	26.40 0.41 0.00	28.90 0.57 0.00	32.47 0.64 0.00	37.32 0.91 0.00	48.23 1.09 0.00	54.35 1.33 0.00	49.63 1.26 0.00	38.55 0.98 0.00	34.80 0.95 0.00	32.31 0.88 0.00
BETHLEHEM___STEEL 23779	32.85 -1.69 0.00	30.59 -2.09 0.00	29.99 -1.71 0.00	30.09 -1.89 0.00	30.72 -1.96 0.00	32.44 -1.60 0.00	47.64 -3.70 0.00	55.65 -4.97 0.00	43.19 -4.01 0.00	32.34 -2.29 0.00	29.93 -2.05 0.00	26.61 -1.88 0.00	25.55 -1.89 0.00	25.35 -1.82 0.00	24.12 -1.87 0.00	26.04 -2.30 0.00	29.16 -2.67 0.00	33.24 -3.17 0.00	42.37 -4.76 0.01	47.50 -5.46 0.06	41.12 -4.98 2.28	33.80 -3.76 0.02	30.84 -3.01 0.00	29.01 -2.42 0.00
BETHLHEM_115KV_TB1 79974	34.96 0.41 0.00	33.21 0.52 0.00	32.21 0.51 0.00	32.52 0.54 0.00	33.24 0.56 0.00	34.85 0.82 0.00	52.26 0.92 0.00	61.77 1.15 0.00	48.15 0.94 0.00	35.28 0.66 0.00	32.49 0.51 0.00	28.98 0.48 0.00	27.86 0.41 0.00	27.63 0.46 0.00	26.48 0.49 0.00	28.96 0.62 0.00	32.57 0.73 0.00	37.35 0.95 0.00	48.37 1.23 0.00	54.45 1.43 0.00	49.68 1.31 0.00	38.63 1.05 0.00	34.83 0.98 0.00	32.31 0.88 0.00
BETHPAGE_CC_5 323564	36.27 1.73 0.00	34.25 1.57 0.00	33.13 1.43 0.00	33.48 1.50 0.00	34.12 1.44 0.00	36.28 2.25 0.00	54.10 2.77 0.00	64.01 3.39 0.00	50.27 3.07 0.00	36.56 1.94 0.00	33.64 1.66 0.00	30.09 1.59 0.00	28.93 1.48 0.00	28.57 1.41 0.01	27.42 1.43 0.00	30.21 1.87 0.00	33.93 2.10 0.00	39.39 2.99 0.00	50.82 3.68 0.00	57.31 4.29 0.00	52.54 4.16 0.00	43.64 3.34 -2.71	36.70 2.84 0.00	33.69 2.26 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.92 -1.62 0.00	30.63 -2.06 0.00	30.02 -1.68 0.00	30.12 -1.85 0.00	30.79 -1.90 0.00	32.51 -1.53 0.00	47.74 -3.59 0.00	55.83 -4.79 0.00	43.29 -3.92 0.00	32.41 -2.22 0.00	30.00 -1.98 0.00	26.67 -1.82 0.00	25.61 -1.84 0.00	25.38 -1.79 0.00	24.14 -1.85 0.00	26.10 -2.24 0.00	29.19 -2.64 0.00	33.28 -3.13 0.00	42.42 -4.71 0.01	47.50 -5.46 0.06	41.19 -4.98 2.21	33.80 -3.76 0.02	30.84 -3.01 0.00	29.04 -2.39 0.00

BINGHAMTON___COGEN 23790	34.31 -0.24 0.00	32.29 -0.39 0.00	31.38 -0.32 0.00	31.63 -0.35 0.00	32.36 -0.33 0.00	33.97 -0.07 0.00	50.92 -0.41 0.00	60.07 -0.55 0.00	46.54 -0.66 0.00	34.28 -0.35 0.00	31.63 -0.35 0.00	28.12 -0.37 0.00	27.09 -0.36 0.00	26.79 -0.38 0.00	25.62 -0.36 0.00	27.88 -0.45 0.00	31.36 -0.48 0.00	35.86 -0.55 0.00	46.44 -0.71 0.00	52.16 -0.85 0.01	47.05 -0.82 0.51	36.98 -0.60 0.00	33.31 -0.54 0.00	31.05 -0.38 0.00
BIXINCNT_115KV_LOAD 355685	32.68 -1.87 0.00	30.36 -2.32 0.00	29.77 -1.93 0.00	29.87 -2.11 0.00	30.46 -2.22 0.00	32.13 -1.91 0.00	47.38 -3.95 0.00	55.46 -5.15 0.00	42.81 -4.39 0.00	32.13 -2.49 0.00	29.77 -2.21 0.00	26.47 -2.02 0.00	25.31 -2.14 0.00	24.97 -2.20 0.00	23.67 -2.31 0.00	25.56 -2.78 0.00	28.56 -3.28 0.00	32.55 -3.86 0.00	41.34 -5.80 0.00	46.36 -6.63 0.04	40.27 -6.34 1.76	32.68 -4.89 0.01	29.89 -3.96 0.00	28.19 -3.24 0.00
BLACK RIVER___HYD 24047	34.48 -0.07 0.00	32.59 -0.10 0.00	31.57 -0.13 0.00	31.88 -0.10 0.00	32.72 0.03 0.00	34.04 0.00 0.00	51.59 0.26 0.00	60.98 0.37 0.00	46.88 -0.33 0.00	33.83 -0.79 0.00	31.28 -0.70 0.00	27.69 -0.80 0.00	26.65 -0.80 0.00	26.36 -0.81 0.00	25.13 -0.86 0.00	27.49 -0.85 0.00	31.04 -0.79 0.00	35.64 -0.77 0.00	46.72 -0.43 0.00	52.97 -0.05 0.00	48.42 0.05 0.00	37.50 -0.08 0.00	34.82 -0.40 -1.38	32.60 -0.38 -1.55
BLACKRVR_115KV_TB2 79977	34.48 -0.07 0.00	32.55 -0.13 0.00	31.57 -0.13 0.00	31.88 -0.10 0.00	32.68 0.00 0.00	34.04 0.00 0.00	51.54 0.21 0.00	60.86 0.24 0.00	46.78 -0.42 0.00	33.76 -0.87 0.00	31.25 -0.74 0.00	27.66 -0.83 0.00	26.62 -0.82 0.00	26.36 -0.82 0.00	25.10 -0.88 0.00	27.49 -0.85 0.00	31.01 -0.83 0.00	35.64 -0.76 0.00	46.67 -0.47 0.00	52.97 -0.05 0.00	48.42 0.05 0.00	37.50 -0.08 0.00	34.82 -0.41 -1.38	32.60 -0.38 -1.55
BLISS_WT_PWR 323608	32.58 -1.97 0.00	30.30 -2.38 0.00	29.61 -2.09 0.00	29.67 -2.30 0.00	30.46 -2.22 0.00	31.96 -2.08 0.00	47.18 -4.16 0.00	55.22 -5.40 0.00	42.67 -4.53 0.00	31.99 -2.63 0.00	29.68 -2.30 0.00	26.38 -2.11 0.00	25.20 -2.25 0.00	24.81 -2.36 0.00	23.52 -2.47 0.00	25.28 -3.06 0.00	28.33 -3.50 0.00	32.26 -4.15 0.00	41.43 -5.71 0.00	45.88 -7.10 0.04	39.79 -6.82 1.76	32.31 -5.26 0.01	29.45 -4.40 0.00	27.88 -3.55 0.00
BLUESTONE___WT_PWR 323821	35.62 1.07 0.00	33.57 0.88 0.00	32.59 0.89 0.00	32.84 0.86 0.00	33.70 1.01 0.00	35.47 1.43 0.00	53.44 2.11 0.00	63.10 2.49 0.00	48.52 1.32 0.00	35.07 0.45 0.00	32.30 0.32 0.00	28.63 0.14 0.00	27.53 0.08 0.00	27.17 0.00 0.00	25.88 -0.10 0.00	28.31 -0.03 0.00	31.96 0.13 0.00	36.81 0.40 0.00	47.94 0.80 0.00	53.99 0.96 -0.01	49.75 0.82 -0.55	38.18 0.60 0.00	34.16 0.30 0.00	31.78 0.35 0.00
BLUE_CIRC_CHEM_DRP 24182	35.27 0.73 0.00	33.44 0.75 0.00	32.46 0.76 0.00	32.74 0.77 0.00	33.50 0.82 0.00	35.09 1.06 0.00	52.67 1.33 0.00	62.13 1.52 0.00	48.29 1.09 0.00	35.25 0.62 0.00	32.43 0.45 0.00	28.89 0.40 0.00	27.81 0.36 0.00	27.55 0.38 0.00	26.43 0.44 0.00	28.90 0.57 0.00	32.53 0.70 0.00	37.43 1.02 0.00	48.56 1.41 0.00	54.72 1.70 0.00	49.92 1.55 0.00	38.82 1.24 0.00	35.00 1.15 0.00	32.47 1.04 0.00
BOC_GAS_DRP 24189	35.07 0.52 0.00	33.27 0.59 0.00	32.24 0.54 0.00	32.55 0.58 0.00	33.31 0.62 0.00	34.89 0.85 0.00	52.41 1.08 0.00	61.89 1.27 0.00	48.24 1.04 0.00	35.35 0.73 0.00	32.56 0.58 0.00	29.03 0.54 0.00	27.97 0.52 0.00	27.71 0.54 0.00	26.56 0.57 0.00	29.02 0.68 0.00	32.60 0.76 0.00	37.43 1.02 0.00	48.46 1.32 0.00	54.56 1.54 0.00	49.78 1.40 0.00	38.67 1.09 0.00	34.87 1.02 0.00	32.31 0.88 0.00
BOONVILLE_115KV_TB1 79983	34.86 0.31 0.00	32.98 0.29 0.00	31.95 0.25 0.00	32.26 0.29 0.00	33.04 0.36 0.00	34.38 0.34 0.00	51.95 0.62 0.00	61.40 0.79 0.00	47.53 0.33 0.00	34.45 -0.17 0.00	31.85 -0.13 0.00	28.29 -0.20 0.00	27.26 -0.19 0.00	26.98 -0.19 0.00	25.75 -0.23 0.00	28.17 -0.17 0.00	31.74 -0.10 0.00	36.44 0.04 0.00	47.43 0.28 0.00	53.55 0.53 0.00	48.86 0.48 0.00	37.92 0.34 0.00	34.74 0.14 -0.76	32.38 0.09 -0.85
BORALEX_4TH_BRANCH 23824	35.79 1.24 0.00	33.99 1.31 0.00	32.94 1.24 0.00	33.26 1.28 0.00	34.06 1.37 0.00	35.91 1.87 0.00	53.69 2.36 0.00	63.40 2.79 0.00	49.42 2.22 0.00	36.04 1.42 0.00	33.07 1.09 0.00	29.49 1.00 0.00	28.35 0.91 0.00	28.09 0.92 0.00	27.03 1.04 0.00	29.61 1.28 0.00	33.33 1.50 0.00	38.45 2.04 0.00	49.88 2.73 0.00	56.20 3.18 0.00	51.33 2.95 0.00	39.95 2.37 0.00	35.98 2.13 0.00	33.28 1.85 0.00
BOWLINE___1 23526	35.65 1.11 0.00	33.73 1.05 0.00	32.65 0.95 0.00	32.97 0.99 0.00	33.70 1.01 0.00	35.53 1.50 0.00	53.33 2.00 0.00	63.22 2.60 0.00	49.28 2.07 0.00	36.18 1.56 0.00	33.26 1.28 0.00	29.74 1.25 0.00	28.68 1.24 0.00	28.42 1.25 0.00	27.23 1.25 0.00	29.78 1.44 0.00	33.36 1.53 0.00	38.55 2.15 0.00	49.97 2.83 0.00	56.26 3.23 0.00	51.23 2.85 0.00	39.80 2.22 0.00	35.78 1.93 0.00	33.03 1.60 0.00
BOWLINE___2 23595	35.65 1.11 0.00	33.73 1.05 0.00	32.65 0.95 0.00	32.97 0.99 0.00	33.70 1.01 0.00	35.53 1.50 0.00	53.33 2.00 0.00	63.22 2.60 0.00	49.28 2.07 0.00	36.18 1.56 0.00	33.26 1.28 0.00	29.74 1.25 0.00	28.68 1.24 0.00	28.42 1.25 0.00	27.23 1.25 0.00	29.78 1.44 0.00	33.36 1.53 0.00	38.55 2.15 0.00	49.97 2.83 0.00	56.26 3.23 0.00	51.23 2.85 0.00	39.80 2.22 0.00	35.78 1.93 0.00	33.03 1.60 0.00
BRADY___115KV_TB2 356060	34.86 0.31 0.00	33.04 0.36 0.00	32.02 0.32 0.00	32.33 0.35 0.00	33.04 0.36 0.00	33.94 -0.10 0.00	51.90 0.56 0.00	61.16 0.55 0.00	47.53 0.33 0.00	34.59 -0.03 0.00	32.08 0.10 0.00	28.52 0.03 0.00	27.42 -0.03 0.00	27.12 -0.05 0.00	25.83 -0.16 0.00	28.08 -0.26 0.00	31.58 -0.25 0.00	36.12 -0.29 0.00	46.77 -0.38 0.00	52.70 -0.32 0.00	48.18 -0.19 0.00	37.35 -0.23 0.00	35.99 -0.24 -2.38	33.82 -0.28 -2.68
BRANSCOMB___SOLAR 323811	35.55 1.00 0.00	33.70 1.01 0.00	32.65 0.95 0.00	33.00 1.02 0.00	33.76 1.08 0.00	35.50 1.46 0.00	53.44 2.11 0.00	63.16 2.55 0.00	48.85 1.65 0.00	35.35 0.73 0.00	32.49 0.51 0.00	28.86 0.37 0.00	27.72 0.27 0.00	27.47 0.30 0.00	26.40 0.41 0.00	28.96 0.62 0.00	32.72 0.89 0.00	37.86 1.46 0.00	49.17 2.03 0.00	55.51 2.49 0.00	50.70 2.32 0.00	39.38 1.80 0.00	35.41 1.56 0.00	32.78 1.35 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.52 1.97 0.00	34.74 2.06 0.00	33.41 1.71 0.00	33.70 1.73 0.00	34.78 2.09 0.00	36.69 2.65 0.00	55.23 3.90 0.00	65.22 4.61 0.00	51.03 3.82 0.00	36.94 2.32 0.00	34.06 2.08 0.00	30.23 1.74 0.00	29.04 1.59 0.00	28.61 1.44 0.00	27.55 1.56 0.00	30.32 1.98 0.00	34.16 2.32 0.00	39.65 3.24 0.00	51.29 4.15 0.00	58.11 5.09 0.00	53.16 4.79 0.00	44.08 3.80 -2.71	37.03 3.18 0.00	33.94 2.51 0.00

BRISTLHL_115KV_TB1 79998	33.61 -0.93 0.00	31.74 -0.95 0.00	30.84 -0.86 0.00	31.08 -0.90 0.00	31.80 -0.88 0.00	33.29 -0.75 0.00	49.79 -1.54 0.00	58.80 -1.82 0.00	45.65 -1.56 0.00	33.62 -1.00 0.00	31.18 -0.80 0.00	27.72 -0.77 0.00	26.68 -0.77 0.00	26.38 -0.79 0.00	25.23 -0.75 0.00	27.54 -0.79 0.00	30.94 -0.89 0.00	35.21 -1.20 0.00	45.59 -1.56 0.00	51.27 -1.75 0.00	46.78 -1.60 0.00	36.34 -1.24 0.00	32.73 -1.12 0.00	30.49 -0.94 0.00
BROOKHAVEN___DRP 24191	36.03 1.49 0.00	34.51 1.83 0.00	33.00 1.30 0.00	33.29 1.31 0.00	34.55 1.86 0.00	36.42 2.38 0.00	54.98 3.64 0.00	64.74 4.12 0.00	50.60 3.40 0.00	36.39 1.77 0.00	33.68 1.70 0.00	29.74 1.25 0.00	28.46 1.02 0.00	27.93 0.76 0.00	26.87 0.88 0.00	29.78 1.45 0.00	33.55 1.72 0.00	39.03 2.62 0.00	50.59 3.44 0.00	57.58 4.56 0.00	52.87 4.50 0.00	43.74 3.46 -2.71	36.73 2.88 0.00	33.50 2.07 0.00
BROOKLYN_NAVY_YARD 23515	36.14 1.59 0.00	34.16 1.47 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.12 1.44 0.00	36.05 2.01 0.00	54.10 2.77 0.00	64.13 3.51 0.00	50.18 2.98 0.00	36.91 2.28 0.00	33.90 1.92 0.00	30.37 1.88 0.00	29.26 1.81 0.00	29.02 1.85 0.00	27.78 1.79 0.00	30.43 2.10 0.00	34.00 2.17 0.00	39.32 2.91 0.00	50.92 3.77 0.00	57.21 4.19 0.00	52.10 3.73 0.00	40.43 2.85 0.00	36.39 2.54 0.00	33.60 2.17 0.00
BROOKLYN___ARMY_DRP 323595	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
BROOKVLE_69_KV_TB1 55790	36.45 1.90 0.00	34.58 1.90 0.00	33.32 1.62 0.00	33.61 1.63 0.00	34.55 1.86 0.00	36.45 2.42 0.00	54.82 3.49 0.00	64.86 4.24 0.00	50.84 3.63 0.00	37.01 2.39 0.00	34.09 2.11 0.00	30.37 1.88 0.00	29.20 1.76 0.00	28.88 1.71 0.00	27.73 1.74 0.00	30.41 2.07 0.00	34.19 2.36 0.00	39.61 3.20 0.00	51.20 4.05 0.00	57.74 4.72 0.00	52.73 4.35 0.00	43.78 3.49 -2.71	36.76 2.91 0.00	33.82 2.39 0.00
BROOME_2_LFGE 323671	34.31 -0.24 0.00	32.29 -0.39 0.00	31.38 -0.32 0.00	31.63 -0.35 0.00	32.39 -0.29 0.00	33.97 -0.07 0.00	50.92 -0.41 0.00	60.07 -0.55 0.00	46.59 -0.61 0.00	34.31 -0.31 0.00	31.63 -0.35 0.00	28.15 -0.34 0.00	27.09 -0.36 0.00	26.79 -0.38 0.00	25.62 -0.36 0.00	27.88 -0.45 0.00	31.36 -0.48 0.00	35.86 -0.55 0.00	46.48 -0.66 0.00	52.11 -0.90 0.01	47.05 -0.82 0.51	36.98 -0.60 0.00	33.28 -0.58 0.00	31.05 -0.38 0.00
BROOME___LFGE 323600	34.31 -0.24 0.00	32.29 -0.39 0.00	31.38 -0.32 0.00	31.63 -0.35 0.00	32.39 -0.29 0.00	33.97 -0.07 0.00	50.92 -0.41 0.00	60.07 -0.55 0.00	46.59 -0.61 0.00	34.31 -0.31 0.00	31.63 -0.35 0.00	28.15 -0.34 0.00	27.09 -0.36 0.00	26.79 -0.38 0.00	25.62 -0.36 0.00	27.88 -0.45 0.00	31.36 -0.48 0.00	35.86 -0.55 0.00	46.48 -0.66 0.00	52.11 -0.90 0.01	47.05 -0.82 0.51	36.98 -0.60 0.00	33.28 -0.58 0.00	31.05 -0.38 0.00
BROWNFLS_115KV_TB_3_5 80003	33.89 -0.66 0.00	32.06 -0.62 0.00	31.07 -0.63 0.00	31.37 -0.61 0.00	32.13 -0.56 0.00	33.08 -0.95 0.00	50.41 -0.92 0.00	59.46 -1.15 0.00	46.07 -1.13 0.00	33.38 -1.25 0.00	30.93 -1.06 0.00	27.47 -1.03 0.00	26.43 -1.02 0.00	26.14 -1.03 0.00	24.90 -1.09 0.00	27.15 -1.19 0.00	30.56 -1.27 0.00	35.02 -1.38 0.00	45.59 -1.56 0.00	51.48 -1.54 0.00	47.02 -1.35 0.00	36.45 -1.13 0.00	36.02 -1.22 -3.38	34.08 -1.16 -3.81
BROWNSV1_27_KV_LOAD 356125	36.38 1.83 0.00	34.42 1.73 0.00	33.25 1.55 0.00	33.61 1.63 0.00	34.42 1.73 0.00	36.25 2.21 0.00	54.67 3.34 0.00	64.86 4.24 0.00	50.70 3.49 0.00	37.29 2.67 0.00	34.19 2.21 0.00	30.63 2.14 0.00	29.51 2.06 0.00	29.24 2.06 0.00	28.01 2.03 0.00	30.60 2.27 0.00	34.29 2.45 0.00	39.54 3.13 0.00	51.25 4.10 0.00	57.53 4.51 0.00	52.44 4.06 0.00	40.66 3.08 0.00	36.56 2.71 0.00	33.75 2.33 0.00
BURROWS___LYONSDAL 23803	34.72 0.17 0.00	32.82 0.13 0.00	31.83 0.13 0.00	32.10 0.13 0.00	32.91 0.23 0.00	34.14 0.10 0.00	51.64 0.31 0.00	60.98 0.36 0.00	47.16 -0.05 0.00	34.17 -0.45 0.00	31.60 -0.38 0.00	28.06 -0.43 0.00	27.01 -0.44 0.00	26.74 -0.43 0.00	25.52 -0.47 0.00	27.91 -0.43 0.00	31.45 -0.38 0.00	36.15 -0.25 0.00	47.10 -0.05 0.00	53.18 0.16 0.00	48.52 0.15 0.00	37.65 0.08 0.00	34.70 -0.14 -0.99	32.38 -0.16 -1.11
CAITHNESS_CC_1 323624	36.03 1.48 0.00	34.06 1.37 0.00	32.97 1.27 0.00	33.32 1.34 0.00	33.93 1.24 0.00	36.38 2.35 0.00	54.21 2.87 0.00	63.77 3.15 0.00	50.18 2.98 0.00	36.18 1.56 0.00	33.23 1.25 0.00	29.72 1.22 0.00	28.46 1.02 0.00	27.98 0.81 0.01	26.84 0.86 0.00	29.81 1.47 0.00	33.55 1.72 0.00	39.10 2.69 0.00	50.58 3.44 0.00	57.05 4.03 0.00	52.78 4.40 0.00	43.71 3.42 -2.71	36.80 2.94 0.00	33.54 2.11 0.00
CALPINE BETH_PAGE_GT4 24209	36.21 1.66 0.00	34.38 1.70 0.00	33.09 1.39 0.00	33.42 1.44 0.00	34.25 1.57 0.00	36.15 2.11 0.00	54.36 3.03 0.00	64.25 3.64 0.00	50.37 3.16 0.00	36.63 2.01 0.00	33.84 1.85 0.00	30.11 1.62 0.00	28.96 1.51 0.00	28.61 1.44 0.00	27.49 1.51 0.00	30.18 1.84 0.00	33.97 2.13 0.00	39.25 2.84 0.00	50.73 3.58 0.00	57.26 4.24 0.00	52.29 3.92 0.00	43.48 3.19 -2.71	36.53 2.67 0.00	33.63 2.20 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.21 1.66 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	33.99 1.31 0.00	36.15 2.11 0.00	53.90 2.57 0.00	63.77 3.15 0.00	50.08 2.88 0.00	36.42 1.80 0.00	33.61 1.63 0.00	30.03 1.54 0.00	28.87 1.43 0.00	28.55 1.38 0.01	27.39 1.40 0.00	30.15 1.82 0.00	33.87 2.04 0.00	39.28 2.88 0.00	50.68 3.54 0.00	57.10 4.08 0.00	52.29 3.92 0.00	43.48 3.19 -2.71	36.56 2.71 0.00	33.63 2.20 0.00
CALPINE_BP_GT1 23823	36.21 1.66 0.00	34.19 1.50 0.00	33.06 1.36 0.00	33.42 1.44 0.00	33.99 1.31 0.00	36.15 2.11 0.00	53.90 2.57 0.00	63.77 3.15 0.00	50.08 2.88 0.00	36.42 1.80 0.00	33.61 1.63 0.00	30.03 1.54 0.00	28.87 1.43 0.00	28.55 1.38 0.01	27.39 1.40 0.00	30.15 1.82 0.00	33.87 2.04 0.00	39.28 2.88 0.00	50.68 3.54 0.00	57.10 4.08 0.00	52.29 3.92 0.00	43.48 3.19 -2.71	36.56 2.71 0.00	33.63 2.20 0.00
CALSPAN___DRP 24200	32.85 -1.69 0.00	30.59 -2.09 0.00	29.99 -1.71 0.00	30.09 -1.89 0.00	30.72 -1.96 0.00	32.44 -1.60 0.00	47.64 -3.70 0.00	55.65 -4.97 0.00	43.19 -4.01 0.00	32.34 -2.29 0.00	29.93 -2.05 0.00	26.61 -1.88 0.00	25.55 -1.89 0.00	25.35 -1.82 0.00	24.12 -1.87 0.00	26.04 -2.30 0.00	29.16 -2.67 0.00	33.24 -3.17 0.00	42.37 -4.76 0.01	47.50 -5.46 0.06	41.12 -4.98 2.28	33.80 -3.76 0.02	30.84 -3.01 0.00	29.01 -2.42 0.00

CALVERTON___SOLAR 323806	36.03 1.48 0.00	34.02 1.34 0.00	32.93 1.24 0.00	33.32 1.34 0.00	33.89 1.21 0.00	36.42 2.38 0.00	54.26 2.92 0.00	63.77 3.15 0.00	50.23 3.02 0.00	36.11 1.49 0.00	33.17 1.18 0.00	29.63 1.14 0.00	28.35 0.90 0.00	27.84 0.68 0.01	26.71 0.73 0.00	29.73 1.39 0.00	33.46 1.62 0.00	39.06 2.66 0.00	50.54 3.40 0.00	57.05 4.03 0.00	52.92 4.55 0.00	43.79 3.50 -2.71	36.80 2.94 0.00	33.50 2.07 0.00
CANDIGU_WT_PWR 323617	33.20 -1.35 0.00	31.08 -1.60 0.00	30.24 -1.46 0.00	30.41 -1.57 0.00	31.21 -1.47 0.00	32.71 -1.33 0.00	48.66 -2.67 0.00	57.16 -3.45 0.00	44.09 -3.12 0.00	32.55 -2.08 0.00	29.97 -2.01 0.00	26.58 -1.91 0.00	25.47 -1.98 0.00	25.16 -2.01 0.00	23.99 -2.00 0.00	25.96 -2.38 0.00	29.29 -2.55 0.00	33.49 -2.91 0.00	43.37 -3.68 0.10	48.00 -4.45 0.57	26.42 -4.11 17.84	34.22 -3.08 0.28	31.11 -2.74 0.00	29.20 -2.23 0.00
CARR STREET_E_SYR 24060	33.96 -0.59 0.00	32.03 -0.65 0.00	31.10 -0.60 0.00	31.34 -0.64 0.00	32.10 -0.59 0.00	33.59 -0.44 0.00	50.41 -0.92 0.00	59.53 -1.09 0.00	46.26 -0.94 0.00	34.10 -0.52 0.00	31.53 -0.45 0.00	28.03 -0.46 0.00	26.98 -0.47 0.00	26.71 -0.46 0.00	25.52 -0.47 0.00	27.83 -0.51 0.00	31.29 -0.54 0.00	35.53 -0.87 0.00	46.01 -1.13 0.00	51.70 -1.32 0.00	47.17 -1.21 0.00	36.68 -0.90 0.00	33.01 -0.84 0.00	30.77 -0.66 0.00
CARTHAGE___PAPER 23857	34.31 -0.24 0.00	32.42 -0.26 0.00	31.45 -0.25 0.00	31.72 -0.26 0.00	32.55 -0.13 0.00	33.73 -0.31 0.00	51.23 -0.10 0.00	60.50 -0.12 0.00	46.59 -0.61 0.00	33.65 -0.97 0.00	31.12 -0.86 0.00	27.58 -0.91 0.00	26.54 -0.91 0.00	26.25 -0.92 0.00	25.00 -0.99 0.00	27.35 -0.99 0.00	30.88 -0.95 0.00	35.46 -0.95 0.00	46.39 -0.76 0.00	52.54 -0.48 0.00	47.99 -0.39 0.00	37.20 -0.38 0.00	34.79 -0.64 -1.59	32.59 -0.63 -1.79
CASSADAGA_WT_PWR 323784	32.48 -2.07 0.00	30.20 -2.49 0.00	29.45 -2.25 0.00	29.58 -2.40 0.00	30.46 -2.22 0.00	32.00 -2.04 0.00	47.33 -4.00 0.00	55.65 -4.97 0.00	42.95 -4.25 0.00	32.16 -2.46 0.00	29.74 -2.24 0.00	26.44 -2.05 0.00	25.31 -2.14 0.00	25.00 -2.17 0.00	23.73 -2.26 0.00	25.53 -2.81 0.00	28.68 -3.15 0.00	32.80 -3.60 0.00	42.52 -4.62 0.00	47.20 -5.78 0.04	41.11 -5.47 1.80	33.28 -4.28 0.01	30.23 -3.62 0.00	28.44 -2.99 0.00
CE_DUNWOOD___DRP 24194	35.96 1.42 0.00	34.06 1.37 0.00	32.94 1.24 0.00	33.26 1.28 0.00	34.06 1.37 0.00	35.88 1.84 0.00	54.00 2.67 0.00	64.01 3.39 0.00	49.99 2.78 0.00	36.70 2.08 0.00	33.68 1.70 0.00	30.11 1.62 0.00	29.01 1.56 0.00	28.75 1.58 0.00	27.57 1.59 0.00	30.12 1.79 0.00	33.78 1.94 0.00	38.92 2.51 0.00	50.49 3.35 0.00	56.79 3.76 0.00	51.76 3.39 0.00	40.17 2.59 0.00	36.09 2.23 0.00	33.35 1.92 0.00
CE_MILLWOOD___DRP 24193	35.86 1.31 0.00	33.96 1.27 0.00	32.84 1.14 0.00	33.13 1.15 0.00	33.96 1.27 0.00	35.74 1.70 0.00	53.80 2.46 0.00	63.83 3.21 0.00	49.80 2.60 0.00	36.56 1.94 0.00	33.55 1.57 0.00	30.00 1.51 0.00	28.90 1.45 0.00	28.64 1.47 0.00	27.44 1.46 0.00	30.01 1.67 0.00	33.65 1.81 0.00	38.77 2.37 0.00	50.30 3.16 0.00	56.57 3.55 0.00	51.57 3.19 0.00	40.02 2.44 0.00	35.95 2.10 0.00	33.22 1.79 0.00
CE_NYC2_DRP 24202	36.35 1.80 -0.01	34.42 1.73 -0.01	33.26 1.55 -0.01	33.62 1.63 -0.01	34.42 1.73 -0.01	36.68 2.21 -0.43	54.63 3.29 -0.01	64.74 4.12 0.00	51.39 3.45 -0.74	53.83 2.60 -16.62	37.23 2.17 -3.07	36.45 2.08 -5.87	38.89 2.00 -9.44	39.39 2.01 -10.21	41.86 1.98 -13.89	36.22 2.21 -5.67	38.52 2.39 -4.30	53.62 3.02 -14.19	53.66 3.96 -2.56	57.66 4.40 -0.24	53.09 3.97 -0.75	41.14 3.04 -0.52	37.10 2.67 -0.58	34.43 2.33 -0.68
CE_NYC_DRP 24195	36.21 1.66 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.41 3.08 0.00	64.56 3.94 0.00	50.46 3.26 0.00	37.08 2.46 0.00	34.03 2.05 0.00	30.49 1.99 0.00	29.37 1.92 0.00	29.07 1.90 0.00	27.88 1.90 0.00	30.43 2.10 0.00	34.09 2.26 0.00	39.32 2.91 0.00	50.96 3.82 0.00	57.21 4.19 0.00	52.15 3.77 0.00	40.44 2.86 0.00	36.36 2.51 0.00	33.60 2.17 0.00
CHAFFEE___LFGE 323603	33.06 -1.48 0.00	30.79 -1.90 0.00	30.05 -1.65 0.00	30.19 -1.79 0.00	31.08 -1.60 0.00	32.61 -1.43 0.00	48.41 -2.92 0.00	56.86 -3.76 0.00	43.76 -3.44 0.00	32.68 -1.94 0.00	30.16 -1.82 0.00	26.81 -1.68 0.00	25.72 -1.73 0.00	25.46 -1.71 0.00	24.25 -1.74 0.00	26.10 -2.24 0.00	29.32 -2.52 0.00	33.46 -2.95 0.00	43.33 -3.82 0.00	47.80 -5.19 0.02	42.27 -4.74 1.36	33.93 -3.64 0.00	31.01 -2.84 0.00	29.23 -2.20 0.00
CHATEAUG_35_KV_LOAD 355732	35.10 0.55 0.00	33.27 0.59 0.00	32.24 0.54 0.00	32.55 0.58 0.00	33.31 0.62 0.00	34.21 0.17 0.00	51.90 0.56 0.00	60.74 0.12 0.00	47.49 0.28 0.00	34.86 0.24 0.00	32.37 0.38 0.00	28.83 0.34 0.00	27.70 0.25 0.00	27.25 0.08 0.00	25.83 -0.16 0.00	27.97 -0.37 0.00	31.36 -0.48 0.00	35.71 -0.69 0.00	46.06 -1.08 0.00	51.59 -1.43 0.00	46.92 -1.45 0.00	36.26 -1.32 0.00	-1.41 -1.25 34.01	-8.10 -1.23 38.31
CHATEAUG_WT_PWR 323614	35.07 0.52 0.00	33.27 0.59 0.00	32.24 0.54 0.00	32.55 0.58 0.00	33.30 0.62 0.00	34.24 0.21 0.00	51.74 0.41 0.00	60.50 -0.12 0.00	47.39 0.19 0.00	34.87 0.24 0.00	32.37 0.39 0.00	28.83 0.34 0.00	27.69 0.25 0.00	27.25 0.08 0.00	25.83 -0.15 0.00	27.97 -0.37 0.00	31.32 -0.51 0.00	35.68 -0.73 0.00	46.06 -1.08 0.00	51.48 -1.54 0.00	46.78 -1.60 0.00	36.11 -1.47 0.00	0.78 -1.36 31.71	-5.61 -1.32 35.72
CHAT_HIGH_FALL_HYD 323578	35.10 0.55 0.00	33.27 0.59 0.00	32.24 0.54 0.00	32.55 0.58 0.00	33.31 0.62 0.00	34.21 0.17 0.00	51.90 0.56 0.00	60.74 0.12 0.00	47.49 0.28 0.00	34.86 0.24 0.00	32.37 0.38 0.00	28.83 0.34 0.00	27.70 0.25 0.00	27.25 0.08 0.00	25.83 -0.16 0.00	27.97 -0.37 0.00	31.36 -0.48 0.00	35.71 -0.69 0.00	46.06 -1.08 0.00	51.59 -1.43 0.00	46.92 -1.45 0.00	36.26 -1.32 0.00	-1.41 -1.25 34.01	-8.10 -1.23 38.31
CHAUTAUQUA___LFGE 323629	32.89 -1.66 0.00	30.63 -2.06 0.00	29.89 -1.81 0.00	30.03 -1.95 0.00	30.89 -1.80 0.00	32.44 -1.60 0.00	47.94 -3.39 0.00	56.25 -4.37 0.00	43.43 -3.78 0.00	32.51 -2.11 0.00	30.06 -1.92 0.00	26.72 -1.77 0.00	25.64 -1.81 0.00	25.38 -1.79 0.00	24.14 -1.84 0.00	25.99 -2.35 0.00	29.19 -2.64 0.00	33.31 -3.09 0.00	43.08 -4.05 0.01	47.93 -5.04 0.05	41.57 -4.79 2.02	33.88 -3.68 0.02	30.74 -3.11 0.00	28.98 -2.45 0.00
CHERRYST_13_KV_LD 356241	36.27 1.73 0.00	34.35 1.67 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.35 1.67 0.00	36.18 2.14 0.00	54.57 3.23 0.00	64.74 4.12 0.00	50.60 3.40 0.00	37.22 2.60 0.00	34.12 2.14 0.00	30.57 2.08 0.00	29.45 2.00 0.00	29.18 2.01 0.00	27.96 1.98 0.00	30.55 2.21 0.00	34.22 2.39 0.00	39.43 3.02 0.00	51.10 3.96 0.00	57.37 4.35 0.00	52.29 3.92 0.00	40.55 2.97 0.00	36.46 2.61 0.00	33.66 2.23 0.00

CHESTROR_138KV_BK263 355645	35.51 0.97 0.00	33.63 0.95 0.00	32.52 0.82 0.00	32.84 0.86 0.00	33.63 0.95 0.00	35.37 1.33 0.00	53.23 1.90 0.00	63.04 2.42 0.00	49.14 1.94 0.00	36.04 1.42 0.00	33.07 1.09 0.00	29.55 1.05 0.00	28.49 1.04 0.00	28.23 1.06 0.00	27.05 1.07 0.00	29.58 1.25 0.00	33.17 1.34 0.00	38.23 1.82 0.00	49.60 2.45 0.00	55.78 2.76 0.00	50.84 2.47 0.00	39.50 1.92 0.00	35.51 1.66 0.00	32.81 1.38 0.00
CH_MIDHUDSON___DRP 24192	35.79 1.24 0.00	33.93 1.24 0.00	32.84 1.14 0.00	33.13 1.15 0.00	33.96 1.27 0.00	35.71 1.67 0.00	53.74 2.41 0.00	63.65 3.03 0.00	49.66 2.45 0.00	36.35 1.73 0.00	33.36 1.38 0.00	29.80 1.31 0.00	28.74 1.29 0.00	28.47 1.30 0.00	27.29 1.30 0.00	29.87 1.53 0.00	33.49 1.66 0.00	38.63 2.22 0.00	50.11 2.97 0.00	56.36 3.34 0.00	51.42 3.05 0.00	39.95 2.37 0.00	35.88 2.03 0.00	33.19 1.76 0.00
CH_MISC_IPPS 23765	36.00 1.45 0.00	34.06 1.37 0.00	33.00 1.30 0.00	33.26 1.28 0.00	34.06 1.37 0.00	35.91 1.87 0.00	53.95 2.62 0.00	63.83 3.21 0.00	49.75 2.55 0.00	36.35 1.73 0.00	33.36 1.37 0.00	29.80 1.31 0.00	28.77 1.32 0.00	28.50 1.33 0.00	27.31 1.32 0.00	29.95 1.61 0.00	33.55 1.72 0.00	38.85 2.44 0.00	50.39 3.25 0.00	56.73 3.71 0.00	51.71 3.34 0.00	40.17 2.59 0.00	36.05 2.20 0.00	33.35 1.92 0.00
CH_RES_BVR_FALLS 23983	33.96 -0.59 0.00	32.13 -0.56 0.00	31.13 -0.57 0.00	31.40 -0.57 0.00	32.10 -0.59 0.00	33.22 -0.82 0.00	50.31 -1.03 0.00	59.34 -1.28 0.00	46.26 -0.94 0.00	33.89 -0.73 0.00	31.34 -0.64 0.00	27.95 -0.54 0.00	26.93 -0.52 0.00	26.63 -0.54 0.00	25.42 -0.57 0.00	27.66 -0.68 0.00	31.04 -0.79 0.00	35.50 -0.91 0.00	45.92 -1.23 0.00	51.54 -1.48 0.00	46.97 -1.40 0.00	36.41 -1.17 0.00	32.80 -1.05 0.00	30.42 -1.01 0.00
CH_RES_NIAGARA 23895	32.09 -2.45 0.00	29.91 -2.78 0.00	29.35 -2.35 0.00	29.45 -2.53 0.00	30.04 -2.65 0.00	31.65 -2.38 0.00	46.25 -5.08 0.00	53.89 -6.73 0.00	41.92 -5.29 0.00	31.44 -3.19 0.00	29.14 -2.85 0.00	25.93 -2.56 0.00	24.90 -2.55 0.00	24.73 -2.45 0.00	23.54 -2.44 0.00	25.42 -2.92 0.00	28.46 -3.37 0.00	32.37 -4.04 0.00	41.43 -5.70 0.01	46.38 -6.57 0.07	39.85 -6.00 2.53	33.08 -4.47 0.03	30.13 -3.72 0.00	28.38 -3.05 0.00
CH_RES_SYRACUSE 23985	34.17 -0.38 0.00	32.23 -0.46 0.00	31.29 -0.41 0.00	31.53 -0.45 0.00	32.29 -0.39 0.00	33.80 -0.24 0.00	50.72 -0.61 0.00	59.95 -0.67 0.00	46.54 -0.66 0.00	34.28 -0.35 0.00	31.69 -0.29 0.00	28.18 -0.31 0.00	27.12 -0.33 0.00	26.82 -0.35 0.00	25.65 -0.34 0.00	27.94 -0.40 0.00	31.45 -0.38 0.00	35.75 -0.65 0.00	46.30 -0.85 0.00	52.01 -1.01 0.00	47.51 -0.87 0.00	36.90 -0.68 0.00	33.21 -0.64 0.00	30.96 -0.47 0.00
CLINTON_WT_PWR 323605	35.07 0.52 0.00	33.27 0.59 0.00	32.24 0.54 0.00	32.55 0.58 0.00	33.30 0.62 0.00	34.24 0.21 0.00	51.74 0.41 0.00	60.50 -0.12 0.00	47.39 0.19 0.00	34.87 0.24 0.00	32.37 0.39 0.00	28.83 0.34 0.00	27.69 0.25 0.00	27.25 0.08 0.00	25.83 -0.15 0.00	27.97 -0.37 0.00	31.32 -0.51 0.00	35.68 -0.73 0.00	46.06 -1.08 0.00	51.48 -1.54 0.00	46.78 -1.60 0.00	36.11 -1.47 0.00	0.78 -1.36 31.71	-5.61 -1.32 35.72
CLINTON___LFGE 323618	35.72 1.18 0.00	33.89 1.21 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.99 1.31 0.00	34.99 0.95 0.00	52.51 1.18 0.00	61.10 0.48 0.00	48.00 0.80 0.00	35.45 0.83 0.00	32.97 0.99 0.00	29.34 0.85 0.00	28.16 0.71 0.00	27.69 0.51 0.00	26.17 0.18 0.00	28.25 -0.08 0.00	31.64 -0.19 0.00	35.97 -0.44 0.00	46.39 -0.76 0.00	51.80 -1.22 0.00	47.07 -1.30 0.00	36.19 -1.39 0.00	0.01 -1.36 32.49	-6.42 -1.26 36.59
COBBLENY_34_KV_TB1 80064	32.99 -1.55 0.00	30.76 -1.93 0.00	30.08 -1.62 0.00	30.22 -1.76 0.00	30.92 -1.76 0.00	32.64 -1.40 0.00	48.41 -2.93 0.00	56.86 -3.76 0.00	43.76 -3.45 0.00	32.68 -1.94 0.00	30.16 -1.82 0.00	26.78 -1.71 0.00	25.72 -1.73 0.00	25.46 -1.71 0.00	24.22 -1.77 0.00	26.18 -2.15 0.00	29.29 -2.55 0.00	33.46 -2.95 0.00	42.62 -4.53 0.00	47.80 -5.20 0.02	42.27 -4.74 1.36	33.93 -3.65 0.00	31.08 -2.78 0.00	29.23 -2.20 0.00
COFFEEN___115KV_TB3 355620	34.65 0.10 0.00	32.72 0.03 0.00	31.73 0.03 0.00	32.04 0.06 0.00	32.88 0.20 0.00	34.28 0.24 0.00	51.90 0.56 0.00	61.22 0.61 0.00	47.01 -0.19 0.00	33.90 -0.73 0.00	31.34 -0.64 0.00	27.75 -0.74 0.00	26.71 -0.74 0.00	26.41 -0.76 0.00	25.16 -0.83 0.00	27.54 -0.79 0.00	31.10 -0.73 0.00	35.79 -0.62 0.00	46.96 -0.19 0.00	53.34 0.32 0.00	48.71 0.34 0.00	37.77 0.19 0.00	34.99 -0.20 -1.34	32.72 -0.22 -1.51
COLDSPRG_115KV_BK1 355956	33.34 -1.21 0.00	31.02 -1.67 0.00	30.34 -1.36 0.00	30.47 -1.50 0.00	31.21 -1.47 0.00	32.98 -1.06 0.00	48.87 -2.46 0.00	57.40 -3.21 0.00	44.23 -2.97 0.00	33.10 -1.52 0.00	30.54 -1.44 0.00	27.15 -1.34 0.00	26.02 -1.43 0.00	25.73 -1.44 0.00	24.45 -1.53 0.00	26.44 -1.90 0.00	29.57 -2.26 0.00	33.82 -2.58 0.00	43.18 -3.96 0.00	48.49 -4.51 0.02	42.80 -4.26 1.31	34.27 -3.31 0.00	31.28 -2.57 0.00	29.35 -2.07 0.00
COLONIE_LFGE___ 323577	35.41 0.86 0.00	33.60 0.91 0.00	32.59 0.89 0.00	32.90 0.93 0.00	33.66 0.98 0.00	35.40 1.36 0.00	53.02 1.69 0.00	62.61 2.00 0.00	48.67 1.46 0.00	35.49 0.87 0.00	32.65 0.67 0.00	29.09 0.60 0.00	28.00 0.55 0.00	27.71 0.54 0.00	26.64 0.65 0.00	29.16 0.82 0.00	32.82 0.99 0.00	37.86 1.46 0.00	49.03 1.89 0.00	55.35 2.33 0.00	50.50 2.13 0.00	39.27 1.69 0.00	35.38 1.52 0.00	32.75 1.32 0.00
COOPERNY_115KV_TB1 80082	35.20 0.66 0.00	33.31 0.62 0.00	32.27 0.57 0.00	32.55 0.58 0.00	33.34 0.65 0.00	34.99 0.95 0.00	52.67 1.33 0.00	62.31 1.70 0.00	48.57 1.37 0.00	35.63 1.00 0.00	32.75 0.77 0.00	29.23 0.74 0.00	28.19 0.74 0.00	27.90 0.73 0.00	26.74 0.75 0.00	29.19 0.85 0.00	32.76 0.92 0.00	37.68 1.27 0.00	48.84 1.70 0.00	54.98 1.96 0.00	50.12 1.74 0.00	38.93 1.35 0.00	35.00 1.15 0.00	32.40 0.97 0.00
COPENHAGEN_WT_PWR 323753	34.38 -0.17 0.00	32.49 -0.19 0.00	31.51 -0.19 0.00	31.79 -0.19 0.00	32.62 -0.07 0.00	33.97 -0.07 0.00	51.44 0.10 0.00	60.74 0.12 0.00	46.78 -0.43 0.00	33.79 -0.83 0.00	31.25 -0.73 0.00	27.69 -0.80 0.00	26.65 -0.80 0.00	26.36 -0.81 0.00	25.13 -0.86 0.00	27.49 -0.85 0.00	31.01 -0.83 0.00	35.57 -0.84 0.00	46.58 -0.56 0.00	52.81 -0.21 0.00	48.28 -0.10 0.00	37.39 -0.19 0.00	34.62 -0.51 -1.27	32.42 -0.44 -1.44
CORNELL_____ 23752	34.79 0.24 0.00	32.75 0.07 0.00	31.83 0.13 0.00	32.07 0.10 0.00	32.85 0.16 0.00	34.51 0.48 0.00	51.79 0.46 0.00	61.16 0.55 0.00	47.30 0.09 0.00	34.66 0.03 0.00	31.98 0.00 0.00	28.38 -0.11 0.00	27.28 -0.16 0.00	26.98 -0.19 0.00	25.81 -0.18 0.00	28.20 -0.14 0.00	31.74 -0.10 0.00	36.33 -0.07 0.00	47.20 0.05 0.00	53.18 0.05 -0.11	54.11 0.05 -5.69	37.63 0.04 -0.01	33.78 -0.07 0.00	31.46 0.03 0.00

CORONA V_69_KV_TB1 355595	36.34 1.80 0.00	34.48 1.80 0.00	33.22 1.52 0.00	33.54 1.57 0.00	34.45 1.76 0.00	36.35 2.31 0.00	54.67 3.34 0.00	64.62 4.00 0.00	50.65 3.45 0.00	36.91 2.29 0.00	33.96 1.98 0.00	30.29 1.79 0.00	29.12 1.67 0.00	28.80 1.63 0.00	27.65 1.66 0.00	30.29 1.96 0.00	34.06 2.23 0.00	39.46 3.06 0.00	51.01 3.87 0.00	57.48 4.45 0.00	52.54 4.16 0.00	43.63 3.34 -2.71	36.66 2.81 0.00	33.72 2.29 0.00
CORTLAND_115KV_TB3 80093	34.55 0.00 0.00	32.59 -0.10 0.00	31.64 -0.06 0.00	31.88 -0.10 0.00	32.65 -0.03 0.00	34.24 0.20 0.00	51.38 0.05 0.00	60.68 0.06 0.00	47.01 -0.19 0.00	34.48 -0.14 0.00	31.85 -0.13 0.00	28.32 -0.17 0.00	27.26 -0.19 0.00	26.95 -0.22 0.00	25.78 -0.21 0.00	28.14 -0.20 0.00	31.64 -0.19 0.00	36.19 -0.22 0.00	46.96 -0.19 0.00	52.83 -0.21 -0.02	49.51 -0.19 -1.33	37.43 -0.15 0.00	33.65 -0.20 0.00	31.33 -0.09 0.00
COXSACKIE__GT 23611	36.10 1.56 0.00	34.25 1.57 0.00	33.22 1.52 0.00	33.48 1.50 0.00	34.29 1.60 0.00	36.05 2.01 0.00	54.31 2.98 0.00	64.01 3.39 0.00	49.42 2.22 0.00	35.63 1.00 0.00	32.68 0.70 0.00	29.03 0.54 0.00	27.97 0.52 0.00	27.74 0.57 0.00	26.61 0.62 0.00	29.22 0.88 0.00	32.95 1.11 0.00	38.23 1.82 0.00	49.83 2.69 0.00	56.26 3.23 0.00	51.33 2.95 0.00	39.95 2.37 0.00	35.85 2.00 0.00	33.31 1.89 0.00
CPV_VALLEY__CC1 323721	35.27 0.73 0.00	33.37 0.69 0.00	32.33 0.63 0.00	32.62 0.64 0.00	33.37 0.69 0.00	35.13 1.09 0.00	52.66 1.33 0.00	62.38 1.76 0.00	48.62 1.41 0.00	35.70 1.07 0.00	32.81 0.83 0.00	29.34 0.85 0.00	28.27 0.82 0.00	28.01 0.84 0.00	26.84 0.86 0.00	29.36 1.02 0.00	32.92 1.08 0.00	37.97 1.56 0.00	49.17 2.03 0.00	55.35 2.33 0.00	50.45 2.08 0.00	39.19 1.61 0.00	35.24 1.39 0.00	32.59 1.16 0.00
CPV_VALLEY__CC2 323722	35.27 0.73 0.00	33.37 0.69 0.00	32.33 0.63 0.00	32.62 0.64 0.00	33.37 0.69 0.00	35.13 1.09 0.00	52.66 1.33 0.00	62.38 1.76 0.00	48.62 1.41 0.00	35.70 1.07 0.00	32.81 0.83 0.00	29.34 0.85 0.00	28.27 0.82 0.00	28.01 0.84 0.00	26.84 0.86 0.00	29.36 1.02 0.00	32.92 1.08 0.00	37.97 1.56 0.00	49.17 2.03 0.00	55.35 2.33 0.00	50.45 2.08 0.00	39.19 1.61 0.00	35.24 1.39 0.00	32.59 1.16 0.00
CRESCENT__HYD 24018	35.41 0.86 0.00	33.60 0.91 0.00	32.59 0.89 0.00	32.90 0.93 0.00	33.66 0.98 0.00	35.40 1.36 0.00	53.02 1.69 0.00	62.61 2.00 0.00	48.67 1.46 0.00	35.49 0.87 0.00	32.65 0.67 0.00	29.09 0.60 0.00	28.00 0.55 0.00	27.71 0.54 0.00	26.64 0.65 0.00	29.16 0.82 0.00	32.82 0.99 0.00	37.86 1.46 0.00	49.03 1.89 0.00	55.35 2.33 0.00	50.50 2.13 0.00	39.27 1.69 0.00	35.38 1.52 0.00	32.75 1.32 0.00
CRICKET__VALLEY_CC1 323756	35.55 1.00 0.00	33.73 1.05 0.00	32.68 0.98 0.00	33.00 1.02 0.00	33.73 1.05 0.00	35.53 1.50 0.00	53.18 1.85 0.00	62.92 2.30 0.00	49.04 1.84 0.00	35.94 1.32 0.00	33.04 1.05 0.00	29.55 1.05 0.00	28.43 0.99 0.00	28.18 1.01 0.00	27.05 1.07 0.00	29.67 1.33 0.00	33.23 1.40 0.00	38.37 1.96 0.00	49.73 2.59 0.00	56.04 3.02 0.00	51.08 2.71 0.00	39.72 2.14 0.00	35.71 1.86 0.00	33.03 1.60 0.00
CRICKET__VALLEY_CC2 323757	35.55 1.00 0.00	33.73 1.05 0.00	32.68 0.98 0.00	33.00 1.02 0.00	33.73 1.05 0.00	35.53 1.50 0.00	53.18 1.85 0.00	62.92 2.30 0.00	49.04 1.84 0.00	35.94 1.32 0.00	33.04 1.05 0.00	29.55 1.05 0.00	28.43 0.99 0.00	28.18 1.01 0.00	27.05 1.07 0.00	29.67 1.33 0.00	33.23 1.40 0.00	38.37 1.96 0.00	49.73 2.59 0.00	56.04 3.02 0.00	51.08 2.71 0.00	39.72 2.14 0.00	35.71 1.86 0.00	33.03 1.60 0.00
CRICKET__VALLEY_CC3 323758	35.55 1.00 0.00	33.73 1.05 0.00	32.68 0.98 0.00	33.00 1.02 0.00	33.73 1.05 0.00	35.53 1.50 0.00	53.18 1.85 0.00	62.92 2.30 0.00	49.04 1.84 0.00	35.94 1.32 0.00	33.04 1.05 0.00	29.55 1.05 0.00	28.43 0.99 0.00	28.18 1.01 0.00	27.05 1.07 0.00	29.67 1.33 0.00	33.23 1.40 0.00	38.37 1.96 0.00	49.73 2.59 0.00	56.04 3.02 0.00	51.08 2.71 0.00	39.72 2.14 0.00	35.71 1.86 0.00	33.03 1.60 0.00
CRUCIBLE_METL_DRP 24180	34.17 -0.38 0.00	32.23 -0.46 0.00	31.29 -0.41 0.00	31.53 -0.45 0.00	32.26 -0.42 0.00	33.80 -0.24 0.00	50.61 -0.72 0.00	59.77 -0.85 0.00	46.40 -0.80 0.00	34.14 -0.48 0.00	31.63 -0.35 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.94 -0.40 0.00	31.39 -0.45 0.00	35.75 -0.66 0.00	46.30 -0.85 0.00	52.01 -1.01 0.00	47.46 -0.92 0.00	36.90 -0.68 0.00	33.21 -0.64 0.00	30.96 -0.47 0.00
DAHOWA__HYDRO 323763	35.51 0.97 0.00	33.66 0.98 0.00	32.65 0.95 0.00	33.00 1.02 0.00	33.76 1.08 0.00	35.53 1.50 0.00	53.54 2.21 0.00	63.22 2.60 0.00	48.90 1.70 0.00	35.35 0.73 0.00	32.46 0.48 0.00	28.83 0.34 0.00	27.69 0.25 0.00	27.44 0.27 0.00	26.38 0.39 0.00	28.96 0.62 0.00	32.69 0.86 0.00	37.86 1.46 0.00	49.17 2.03 0.00	55.57 2.54 0.00	50.70 2.32 0.00	39.38 1.80 0.00	35.41 1.56 0.00	32.75 1.32 0.00
DANC__LFGE 323619	34.03 -0.52 0.00	32.16 -0.52 0.00	31.19 -0.51 0.00	31.46 -0.51 0.00	32.26 -0.43 0.00	33.66 -0.37 0.00	50.82 -0.51 0.00	60.01 -0.61 0.00	46.35 -0.85 0.00	33.72 -0.90 0.00	31.18 -0.80 0.00	27.66 -0.83 0.00	26.63 -0.82 0.00	26.33 -0.84 0.00	25.13 -0.86 0.00	27.46 -0.88 0.00	30.98 -0.86 0.00	35.43 -0.98 0.00	46.20 -0.94 0.00	52.23 -0.79 0.00	47.70 -0.68 0.00	37.02 -0.56 0.00	34.02 -0.74 -0.91	31.80 -0.66 -1.03
DANSKAMMER__1 23586	36.00 1.45 0.00	34.06 1.37 0.00	33.00 1.30 0.00	33.26 1.28 0.00	34.06 1.37 0.00	35.91 1.87 0.00	53.95 2.62 0.00	63.83 3.21 0.00	49.75 2.55 0.00	36.35 1.73 0.00	33.36 1.37 0.00	29.80 1.31 0.00	28.77 1.32 0.00	28.50 1.33 0.00	27.31 1.32 0.00	29.95 1.61 0.00	33.55 1.72 0.00	38.85 2.44 0.00	50.39 3.25 0.00	56.73 3.71 0.00	51.71 3.34 0.00	40.17 2.59 0.00	36.05 2.20 0.00	33.35 1.92 0.00
DANSKAMMER__2 23589	36.00 1.45 0.00	34.06 1.37 0.00	33.00 1.30 0.00	33.26 1.28 0.00	34.06 1.37 0.00	35.91 1.87 0.00	53.95 2.62 0.00	63.83 3.21 0.00	49.75 2.55 0.00	36.35 1.73 0.00	33.36 1.37 0.00	29.80 1.31 0.00	28.77 1.32 0.00	28.50 1.33 0.00	27.31 1.32 0.00	29.95 1.61 0.00	33.55 1.72 0.00	38.85 2.44 0.00	50.39 3.25 0.00	56.73 3.71 0.00	51.71 3.34 0.00	40.17 2.59 0.00	36.05 2.20 0.00	33.35 1.92 0.00
DANSKAMMER__3 23590	36.00 1.45 0.00	34.06 1.37 0.00	33.00 1.30 0.00	33.26 1.28 0.00	34.06 1.37 0.00	35.91 1.87 0.00	53.95 2.62 0.00	63.83 3.21 0.00	49.75 2.55 0.00	36.35 1.73 0.00	33.36 1.37 0.00	29.80 1.31 0.00	28.77 1.32 0.00	28.50 1.33 0.00	27.31 1.32 0.00	29.95 1.61 0.00	33.55 1.72 0.00	38.85 2.44 0.00	50.39 3.25 0.00	56.73 3.71 0.00	51.71 3.34 0.00	40.17 2.59 0.00	36.05 2.20 0.00	33.35 1.92 0.00

DANSKAMMER___4 23591	36.00 1.45 0.00	34.06 1.37 0.00	33.00 1.30 0.00	33.26 1.28 0.00	34.06 1.37 0.00	35.91 1.87 0.00	53.95 2.62 0.00	63.83 3.21 0.00	49.75 2.55 0.00	36.35 1.73 0.00	33.36 1.37 0.00	29.80 1.31 0.00	28.77 1.32 0.00	28.50 1.33 0.00	27.31 1.32 0.00	29.95 1.61 0.00	33.55 1.72 0.00	38.85 2.44 0.00	50.39 3.25 0.00	56.73 3.71 0.00	51.71 3.34 0.00	40.17 2.59 0.00	36.05 2.20 0.00	33.35 1.92 0.00
DANSKAMMER___DIESEL 23592	36.00 1.45 0.00	34.09 1.41 0.00	32.97 1.27 0.00	33.26 1.28 0.00	34.12 1.44 0.00	35.91 1.87 0.00	54.10 2.77 0.00	64.07 3.46 0.00	49.94 2.74 0.00	36.53 1.90 0.00	33.45 1.47 0.00	29.89 1.40 0.00	28.82 1.37 0.00	28.56 1.39 0.00	27.36 1.38 0.00	29.95 1.62 0.00	33.62 1.78 0.00	38.81 2.40 0.00	50.44 3.30 0.00	56.73 3.71 0.00	51.71 3.34 0.00	40.17 2.59 0.00	36.05 2.20 0.00	33.35 1.92 0.00
DARBY___SOLAR 323810	35.51 0.97 0.00	33.66 0.98 0.00	32.65 0.95 0.00	32.97 0.99 0.00	33.73 1.05 0.00	35.50 1.46 0.00	53.44 2.11 0.00	63.10 2.49 0.00	48.85 1.65 0.00	35.31 0.69 0.00	32.46 0.48 0.00	28.83 0.34 0.00	27.72 0.27 0.00	27.47 0.30 0.00	26.40 0.41 0.00	28.96 0.62 0.00	32.69 0.86 0.00	37.86 1.46 0.00	49.12 1.98 0.00	55.51 2.49 0.00	50.65 2.27 0.00	39.35 1.77 0.00	35.38 1.52 0.00	32.75 1.32 0.00
DASHVILLE___HYD 23610	35.79 1.24 0.00	33.89 1.21 0.00	32.78 1.08 0.00	33.06 1.09 0.00	33.89 1.21 0.00	35.64 1.60 0.00	53.69 2.36 0.00	63.53 2.91 0.00	49.56 2.36 0.00	36.25 1.63 0.00	33.20 1.22 0.00	29.66 1.17 0.00	28.63 1.18 0.00	28.37 1.20 0.00	27.18 1.20 0.00	29.73 1.39 0.00	33.36 1.53 0.00	38.48 2.08 0.00	49.97 2.83 0.00	56.20 3.18 0.00	51.28 2.90 0.00	39.83 2.25 0.00	35.78 1.93 0.00	33.09 1.67 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.48 1.93 0.00	35.10 2.42 0.00	33.41 1.71 0.00	33.70 1.73 0.00	35.07 2.39 0.00	37.00 2.96 0.00	56.05 4.72 0.00	65.89 5.27 0.00	51.40 4.20 0.00	36.66 2.04 0.00	34.03 2.05 0.00	29.86 1.37 0.00	28.52 1.07 0.00	27.82 0.65 0.00	26.72 0.73 0.00	29.73 1.39 0.00	33.49 1.66 0.00	39.10 2.69 0.00	50.63 3.49 0.00	57.85 4.82 0.00	53.21 4.84 0.00	43.89 3.61 -2.71	36.80 2.95 0.00	33.57 2.14 0.00
DELAWARE___LFGE 323621	35.27 0.73 0.00	33.34 0.65 0.00	32.30 0.60 0.00	32.58 0.61 0.00	33.37 0.69 0.00	35.06 1.02 0.00	52.82 1.49 0.00	62.37 1.76 0.00	48.43 1.23 0.00	35.38 0.76 0.00	32.59 0.61 0.00	29.00 0.51 0.00	28.00 0.55 0.00	27.71 0.54 0.00	26.51 0.52 0.00	28.93 0.60 0.00	32.53 0.70 0.00	37.39 0.98 0.00	48.51 1.37 0.00	54.61 1.59 0.00	49.78 1.40 0.00	38.67 1.09 0.00	34.77 0.91 0.00	32.25 0.82 0.00
DERFIELD_115KV_TB7 355931	34.65 0.10 0.00	32.82 0.13 0.00	31.79 0.10 0.00	32.07 0.10 0.00	32.82 0.13 0.00	34.28 0.24 0.00	51.59 0.26 0.00	60.98 0.36 0.00	47.44 0.24 0.00	34.73 0.10 0.00	32.05 0.06 0.00	28.55 0.06 0.00	27.53 0.08 0.00	27.25 0.08 0.00	26.07 0.08 0.00	28.45 0.11 0.00	31.99 0.16 0.00	36.66 0.25 0.00	47.52 0.38 0.00	53.45 0.42 0.00	48.76 0.39 0.00	37.88 0.30 0.00	34.09 0.24 0.00	31.62 0.19 0.00
DOGLEVILLE___HYD 23807	34.31 -0.24 0.00	32.46 -0.23 0.00	31.48 -0.22 0.00	31.72 -0.26 0.00	32.39 -0.29 0.00	33.83 -0.20 0.00	50.92 -0.41 0.00	60.01 -0.61 0.00	46.54 -0.66 0.00	34.00 -0.62 0.00	31.44 -0.54 0.00	28.06 -0.43 0.00	27.06 -0.38 0.00	26.76 -0.41 0.00	25.55 -0.44 0.00	27.91 -0.42 0.00	31.32 -0.51 0.00	35.82 -0.58 0.00	46.39 -0.76 0.00	52.17 -0.85 0.00	47.60 -0.78 0.00	36.94 -0.64 0.00	33.17 -0.68 0.00	30.74 -0.69 0.00
DUNKIRK___115KV_TB_200 55889	32.89 -1.66 0.00	30.59 -2.09 0.00	29.96 -1.74 0.00	30.09 -1.89 0.00	30.76 -1.93 0.00	32.47 -1.57 0.00	47.94 -3.39 0.00	56.25 -4.36 0.00	43.43 -3.78 0.00	32.54 -2.08 0.00	30.09 -1.89 0.00	26.75 -1.74 0.00	25.66 -1.78 0.00	25.40 -1.77 0.00	24.17 -1.82 0.00	26.10 -2.24 0.00	29.22 -2.61 0.00	33.38 -3.02 0.00	42.80 -4.34 0.01	47.99 -4.98 0.05	41.64 -4.69 2.04	33.92 -3.65 0.02	30.91 -2.95 0.00	29.04 -2.39 0.00
DUNKIRK___1 23563	32.89 -1.66 0.00	30.59 -2.09 0.00	29.96 -1.74 0.00	30.09 -1.89 0.00	30.76 -1.93 0.00	32.47 -1.57 0.00	47.94 -3.39 0.00	56.25 -4.36 0.00	43.43 -3.78 0.00	32.54 -2.08 0.00	30.09 -1.89 0.00	26.75 -1.74 0.00	25.66 -1.78 0.00	25.40 -1.77 0.00	24.17 -1.82 0.00	26.10 -2.24 0.00	29.22 -2.61 0.00	33.38 -3.02 0.00	42.80 -4.34 0.01	47.99 -4.98 0.05	41.64 -4.69 2.04	33.92 -3.65 0.02	30.91 -2.95 0.00	29.04 -2.39 0.00
DUNKIRK___2 23564	32.89 -1.66 0.00	30.59 -2.09 0.00	29.96 -1.74 0.00	30.09 -1.89 0.00	30.76 -1.93 0.00	32.47 -1.57 0.00	47.94 -3.39 0.00	56.25 -4.36 0.00	43.43 -3.78 0.00	32.54 -2.08 0.00	30.09 -1.89 0.00	26.75 -1.74 0.00	25.66 -1.78 0.00	25.40 -1.77 0.00	24.17 -1.82 0.00	26.10 -2.24 0.00	29.22 -2.61 0.00	33.38 -3.02 0.00	42.80 -4.34 0.01	47.99 -4.98 0.05	41.64 -4.69 2.04	33.92 -3.65 0.02	30.91 -2.95 0.00	29.04 -2.39 0.00
DUNKIRK___3 23565	32.89 -1.66 0.00	30.63 -2.06 0.00	29.96 -1.74 0.00	30.09 -1.89 0.00	30.76 -1.93 0.00	32.47 -1.57 0.00	47.89 -3.44 0.00	56.19 -4.43 0.00	43.38 -3.82 0.00	32.51 -2.11 0.00	30.06 -1.92 0.00	26.72 -1.77 0.00	25.64 -1.81 0.00	25.40 -1.77 0.00	24.17 -1.82 0.00	26.10 -2.24 0.00	29.22 -2.61 0.00	33.38 -3.02 0.00	42.75 -4.38 0.01	47.93 -5.04 0.05	41.53 -4.74 2.11	33.95 -3.61 0.02	30.91 -2.95 0.00	29.04 -2.39 0.00
DUNKIRK___4 23566	32.89 -1.66 0.00	30.63 -2.06 0.00	29.96 -1.74 0.00	30.09 -1.89 0.00	30.76 -1.93 0.00	32.47 -1.57 0.00	47.89 -3.44 0.00	56.19 -4.43 0.00	43.38 -3.82 0.00	32.51 -2.11 0.00	30.06 -1.92 0.00	26.72 -1.77 0.00	25.64 -1.81 0.00	25.40 -1.77 0.00	24.17 -1.82 0.00	26.10 -2.24 0.00	29.22 -2.61 0.00	33.38 -3.02 0.00	42.75 -4.38 0.01	47.93 -5.04 0.05	41.53 -4.74 2.11	33.95 -3.61 0.02	30.91 -2.95 0.00	29.04 -2.39 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.00 1.45 0.00	34.12 1.44 0.00	32.97 1.27 0.00	33.29 1.31 0.00	34.12 1.44 0.00	35.94 1.91 0.00	54.10 2.77 0.00	64.19 3.58 0.00	50.13 2.93 0.00	36.80 2.18 0.00	33.80 1.82 0.00	30.23 1.74 0.00	29.12 1.67 0.00	28.86 1.68 0.00	27.65 1.66 0.00	30.24 1.90 0.00	33.90 2.07 0.00	39.06 2.66 0.00	50.63 3.49 0.00	56.94 3.92 0.00	51.91 3.53 0.00	40.28 2.71 0.00	36.19 2.34 0.00	33.44 2.01 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.72 1.17 0.00	33.83 1.14 0.00	32.71 1.01 0.00	33.00 1.02 0.00	33.83 1.14 0.00	35.60 1.57 0.00	53.59 2.26 0.00	63.53 2.91 0.00	49.52 2.31 0.00	36.25 1.63 0.00	33.26 1.28 0.00	29.69 1.20 0.00	28.63 1.18 0.00	28.37 1.20 0.00	27.21 1.22 0.00	29.75 1.42 0.00	33.36 1.53 0.00	38.48 2.08 0.00	49.97 2.83 0.00	56.20 3.18 0.00	51.23 2.85 0.00	39.80 2.22 0.00	35.75 1.90 0.00	33.03 1.60 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.25 1.69 -0.01	34.33 1.63 -0.01	33.17 1.46 -0.01	33.52 1.53 -0.01	34.33 1.63 -0.01	36.12 2.08 -0.01	54.37 3.03 -0.01	64.44 3.82 0.00	50.45 3.26 0.01	37.07 2.46 0.01	34.04 2.05 -0.01	30.44 1.94 -0.01	29.35 1.89 -0.01	29.05 1.87 -0.01	27.87 1.87 -0.01	30.44 2.10 -0.01	34.10 2.26 -0.01	39.27 2.88 0.01	50.91 3.77 0.01	57.15 4.14 0.01	52.14 3.77 0.01	40.48 2.89 -0.01	36.36 2.51 -0.01	33.61 2.17 -0.01
E179THST_13_KV_LOAD 356214	36.39 1.83 -0.01	34.46 1.76 -0.01	33.26 1.55 -0.01	33.62 1.63 -0.01	34.42 1.73 -0.01	36.22 2.18 -0.01	54.57 3.23 -0.01	64.68 4.06 0.00	50.64 3.45 0.01	37.21 2.60 0.01	34.16 2.17 -0.01	30.58 2.08 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.56 2.21 -0.01	34.23 2.39 -0.01	39.46 3.06 0.01	51.14 4.01 0.01	57.41 4.40 0.01	52.38 4.02 0.01	40.63 3.04 -0.01	36.50 2.64 -0.01	33.73 2.29 -0.01
EAST HAMPTON___GT 23717	36.55 2.00 0.00	34.58 1.89 0.00	33.38 1.68 0.00	33.73 1.76 0.00	34.32 1.63 0.00	37.07 3.03 0.00	55.23 3.90 0.00	64.74 4.12 0.00	51.07 3.87 0.00	36.46 1.83 0.00	33.36 1.37 0.00	29.72 1.22 0.00	28.35 0.90 0.00	27.65 0.49 0.01	26.43 0.44 0.00	29.53 1.19 0.00	33.14 1.31 0.00	38.88 2.48 0.00	50.12 2.97 0.00	56.52 3.50 0.00	52.63 4.26 0.00	43.45 3.16 -2.71	36.53 2.67 0.00	33.41 1.98 0.00
EAST RIVER___6 23660	36.21 1.66 0.00	34.25 1.57 0.00	33.16 1.46 0.00	33.51 1.53 0.00	34.22 1.54 0.00	36.15 2.11 0.00	54.26 2.92 0.00	64.25 3.64 0.00	50.32 3.11 0.00	36.98 2.36 0.00	33.96 1.98 0.00	30.43 1.94 0.00	29.34 1.89 0.00	29.07 1.90 0.00	27.86 1.87 0.00	30.49 2.15 0.00	34.06 2.23 0.00	39.39 2.99 0.00	50.96 3.82 0.00	57.31 4.29 0.00	52.20 3.82 0.00	40.51 2.93 0.00	36.42 2.57 0.00	33.63 2.20 0.00
EAST RIVER___7 23524	36.21 1.66 0.00	34.25 1.57 0.00	33.16 1.46 0.00	33.51 1.53 0.00	34.22 1.54 0.00	36.15 2.11 0.00	54.26 2.92 0.00	64.25 3.64 0.00	50.32 3.11 0.00	36.98 2.36 0.00	33.96 1.98 0.00	30.43 1.94 0.00	29.34 1.89 0.00	29.07 1.90 0.00	27.86 1.87 0.00	30.49 2.15 0.00	34.06 2.23 0.00	39.39 2.99 0.00	50.96 3.82 0.00	57.31 4.29 0.00	52.20 3.82 0.00	40.51 2.93 0.00	36.42 2.57 0.00	33.63 2.20 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.96 1.42 0.00	34.06 1.37 0.00	32.94 1.24 0.00	33.26 1.28 0.00	34.06 1.37 0.00	35.88 1.84 0.00	54.00 2.67 0.00	64.01 3.39 0.00	49.99 2.78 0.00	36.70 2.08 0.00	33.68 1.70 0.00	30.11 1.62 0.00	29.01 1.56 0.00	28.75 1.58 0.00	27.57 1.59 0.00	30.12 1.79 0.00	33.78 1.94 0.00	38.92 2.51 0.00	50.49 3.35 0.00	56.79 3.76 0.00	51.76 3.39 0.00	40.17 2.59 0.00	36.09 2.23 0.00	33.35 1.92 0.00
EAST_HAMPTON___DIESEL 23722	36.52 1.97 0.00	34.55 1.86 0.00	33.38 1.68 0.00	33.73 1.76 0.00	34.32 1.63 0.00	37.03 3.00 0.00	55.23 3.90 0.00	64.68 4.06 0.00	51.02 3.82 0.00	36.42 1.80 0.00	33.36 1.37 0.00	29.72 1.22 0.00	28.33 0.88 0.00	27.62 0.46 0.01	26.40 0.41 0.00	29.47 1.13 0.00	33.07 1.24 0.00	38.81 2.40 0.00	50.02 2.88 0.00	56.42 3.40 0.00	52.54 4.16 0.00	43.37 3.08 -2.71	36.46 2.61 0.00	33.35 1.92 0.00
EAST_POINT___SOLAR 323840	36.52 1.97 0.00	34.51 1.83 0.00	33.47 1.77 0.00	33.86 1.89 0.00	34.71 2.03 0.00	36.79 2.76 0.00	55.75 4.42 0.00	64.80 4.18 0.00	49.28 2.07 0.00	34.80 0.17 0.00	31.89 -0.10 0.00	27.86 -0.63 0.00	27.23 -0.22 0.00	27.06 -0.11 0.00	26.09 0.10 0.00	28.85 0.51 0.00	33.01 1.18 0.00	38.70 2.30 0.00	50.39 3.25 0.00	57.16 4.14 0.00	52.05 3.67 0.00	40.36 2.78 0.00	36.12 2.27 0.00	33.41 1.98 0.00
EAST_PULASKI___ESR 323781	33.82 -0.73 0.00	31.93 -0.75 0.00	31.00 -0.70 0.00	31.24 -0.73 0.00	32.03 -0.65 0.00	33.49 -0.55 0.00	50.36 -0.98 0.00	59.46 -1.15 0.00	46.07 -1.13 0.00	33.76 -0.86 0.00	31.21 -0.77 0.00	27.72 -0.77 0.00	26.68 -0.77 0.00	26.41 -0.76 0.00	25.23 -0.75 0.00	27.54 -0.79 0.00	31.01 -0.83 0.00	35.35 -1.06 0.00	45.92 -1.23 0.00	51.75 -1.27 0.00	47.26 -1.11 0.00	36.68 -0.90 0.00	32.94 -0.91 0.00	30.64 -0.78 0.00
EAST_RIVER___1 323558	36.17 1.62 0.00	34.22 1.54 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.19 1.50 0.00	36.08 2.04 0.00	54.21 2.87 0.00	64.19 3.58 0.00	50.23 3.02 0.00	36.91 2.28 0.00	33.93 1.95 0.00	30.40 1.91 0.00	29.29 1.84 0.00	29.04 1.87 0.00	27.81 1.82 0.00	30.43 2.10 0.00	34.03 2.19 0.00	39.35 2.95 0.00	50.92 3.77 0.00	57.26 4.24 0.00	52.10 3.73 0.00	40.43 2.85 0.00	36.39 2.54 0.00	33.60 2.17 0.00
EAST_RIVER___2 323559	36.21 1.66 0.00	34.25 1.57 0.00	33.16 1.46 0.00	33.51 1.53 0.00	34.22 1.54 0.00	36.15 2.11 0.00	54.26 2.92 0.00	64.25 3.64 0.00	50.32 3.11 0.00	36.98 2.36 0.00	33.96 1.98 0.00	30.43 1.94 0.00	29.34 1.89 0.00	29.07 1.90 0.00	27.86 1.87 0.00	30.49 2.15 0.00	34.06 2.23 0.00	39.39 2.99 0.00	50.96 3.82 0.00	57.31 4.29 0.00	52.20 3.82 0.00	40.51 2.93 0.00	36.42 2.57 0.00	33.63 2.20 0.00
EAST___DELAWARE_HYD 23607	35.69 1.14 0.00	33.76 1.08 0.00	32.71 1.01 0.00	32.97 0.99 0.00	33.76 1.08 0.00	35.57 1.53 0.00	53.59 2.26 0.00	63.35 2.73 0.00	49.28 2.07 0.00	35.90 1.28 0.00	32.91 0.93 0.00	29.38 0.88 0.00	28.35 0.90 0.00	28.10 0.92 0.00	26.90 0.91 0.00	29.50 1.16 0.00	33.07 1.24 0.00	38.33 1.93 0.00	49.78 2.64 0.00	56.04 3.02 0.00	51.13 2.76 0.00	39.72 2.14 0.00	35.64 1.79 0.00	32.97 1.54 0.00
EIGHT_POINT___WT_PWR 323820	33.34 -1.21 0.00	31.21 -1.47 0.00	30.40 -1.30 0.00	30.54 -1.44 0.00	31.41 -1.28 0.00	32.95 -1.09 0.00	49.13 -2.21 0.00	57.65 -2.97 0.00	44.37 -2.83 0.00	32.75 -1.87 0.00	30.09 -1.89 0.00	26.64 -1.85 0.00	25.42 -2.03 0.00	25.00 -2.17 0.00	23.75 -2.24 0.00	25.67 -2.66 0.00	28.97 -2.87 0.00	33.17 -3.24 0.00	42.99 -4.20 -0.04	48.01 -5.19 -0.19	47.88 -4.74 -0.24	34.24 -3.46 -0.12	30.77 -3.08 0.00	28.85 -2.58 0.00
ELBRIDGE_115KV_TB2 80188	33.99 -0.55 0.00	32.06 -0.62 0.00	31.16 -0.54 0.00	31.37 -0.61 0.00	32.10 -0.59 0.00	33.66 -0.37 0.00	50.36 -0.98 0.00	59.40 -1.21 0.00	46.12 -1.09 0.00	33.96 -0.66 0.00	31.44 -0.54 0.00	27.98 -0.51 0.00	26.93 -0.52 0.00	26.63 -0.54 0.00	25.47 -0.52 0.00	27.77 -0.57 0.00	31.23 -0.60 0.00	35.53 -0.87 0.00	46.01 -1.13 0.00	51.75 -1.27 0.00	47.21 -1.16 0.00	36.68 -0.90 0.00	33.04 -0.81 0.00	30.80 -0.63 0.00
ELEC_TRO_TEK 24086	36.17 1.62 0.00	34.32 1.63 0.00	33.09 1.39 0.00	33.42 1.44 0.00	34.32 1.63 0.00	36.18 2.14 0.00	54.41 3.08 0.00	64.37 3.76 0.00	50.46 3.26 0.00	36.77 2.15 0.00	33.84 1.85 0.00	30.17 1.68 0.00	29.01 1.56 0.00	28.69 1.52 0.00	27.55 1.56 0.00	30.21 1.87 0.00	33.97 2.13 0.00	39.28 2.88 0.00	50.77 3.63 0.00	57.26 4.24 0.00	52.29 3.92 0.00	43.44 3.16 -2.71	36.53 2.67 0.00	33.60 2.17 0.00

ELLENBURG_WT_PWR 323604	35.07 0.52 0.00	33.27 0.59 0.00	32.24 0.54 0.00	32.55 0.58 0.00	33.30 0.62 0.00	34.24 0.21 0.00	51.74 0.41 0.00	60.50 -0.12 0.00	47.39 0.19 0.00	34.87 0.24 0.00	32.37 0.39 0.00	28.83 0.34 0.00	27.69 0.25 0.00	27.25 0.08 0.00	25.83 -0.15 0.00	27.97 -0.37 0.00	31.32 -0.51 0.00	35.68 -0.73 0.00	46.06 -1.08 0.00	51.48 -1.54 0.00	46.78 -1.60 0.00	36.11 -1.47 0.00	0.78 -1.36 31.71	-5.61 -1.32 35.72
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.68 -1.87 0.00	30.43 -2.26 0.00	29.83 -1.87 0.00	29.93 -2.05 0.00	30.56 -2.12 0.00	32.27 -1.77 0.00	47.33 -4.00 0.00	55.28 -5.33 0.00	42.91 -4.30 0.00	32.13 -2.49 0.00	29.77 -2.21 0.00	26.47 -2.02 0.00	25.42 -2.03 0.00	25.21 -1.96 0.00	23.99 -2.00 0.00	25.93 -2.41 0.00	29.03 -2.80 0.00	33.06 -3.35 0.00	42.23 -4.90 0.01	47.34 -5.62 0.06	40.83 -5.18 2.37	33.68 -3.87 0.02	30.67 -3.18 0.00	28.88 -2.55 0.00
EMPIRE_CC_1 323656	35.13 0.59 0.00	33.37 0.69 0.00	32.33 0.63 0.00	32.65 0.67 0.00	33.37 0.69 0.00	35.09 1.06 0.00	52.31 0.97 0.00	61.77 1.15 0.00	48.05 0.85 0.00	35.25 0.62 0.00	32.49 0.51 0.00	28.97 0.48 0.00	27.89 0.44 0.00	27.63 0.46 0.00	26.53 0.55 0.00	29.05 0.71 0.00	32.63 0.80 0.00	37.50 1.09 0.00	48.51 1.37 0.00	54.61 1.59 0.00	49.88 1.50 0.00	38.86 1.28 0.00	35.14 1.29 0.00	32.53 1.10 0.00
EMPIRE_CC_2 323658	35.13 0.59 0.00	33.37 0.69 0.00	32.33 0.63 0.00	32.65 0.67 0.00	33.37 0.69 0.00	35.09 1.06 0.00	52.31 0.97 0.00	61.77 1.15 0.00	48.05 0.85 0.00	35.25 0.62 0.00	32.49 0.51 0.00	28.97 0.48 0.00	27.89 0.44 0.00	27.63 0.46 0.00	26.53 0.55 0.00	29.05 0.71 0.00	32.63 0.80 0.00	37.50 1.09 0.00	48.51 1.37 0.00	54.61 1.59 0.00	49.88 1.50 0.00	38.86 1.28 0.00	35.14 1.29 0.00	32.53 1.10 0.00
ENORWICH_115KV_TB1 80156	36.17 1.62 0.00	34.09 1.41 0.00	33.09 1.39 0.00	33.35 1.38 0.00	34.19 1.50 0.00	36.08 2.04 0.00	54.46 3.13 0.00	64.25 3.64 0.00	49.14 1.94 0.00	35.21 0.59 0.00	32.43 0.45 0.00	28.63 0.14 0.00	27.56 0.11 0.00	27.23 0.05 0.00	25.94 -0.05 0.00	28.45 0.11 0.00	32.22 0.38 0.00	37.17 0.76 0.00	48.61 1.46 0.00	54.86 1.80 -0.04	51.95 1.60 -1.98	38.75 1.16 -0.01	34.56 0.71 0.00	32.15 0.72 0.00
ERIE_ST__34_KV_TB1-2 80199	33.06 -1.49 0.00	30.79 -1.90 0.00	30.15 -1.55 0.00	30.28 -1.69 0.00	30.95 -1.73 0.00	32.64 -1.40 0.00	48.05 -3.29 0.00	56.31 -4.30 0.00	43.57 -3.63 0.00	32.61 -2.01 0.00	30.19 -1.79 0.00	26.84 -1.65 0.00	25.77 -1.67 0.00	25.54 -1.63 0.00	24.30 -1.69 0.00	26.27 -2.07 0.00	29.38 -2.45 0.00	33.53 -2.88 0.00	42.61 -4.53 0.01	47.77 -5.20 0.06	41.41 -4.74 2.22	33.95 -3.61 0.02	31.08 -2.78 0.00	29.23 -2.20 0.00
ERIE_WT_PWR 323693	32.92 -1.62 0.00	30.72 -1.96 0.00	29.99 -1.71 0.00	30.12 -1.86 0.00	30.98 -1.70 0.00	32.47 -1.57 0.00	47.79 -3.54 0.00	55.89 -4.73 0.00	43.38 -3.82 0.00	32.44 -2.18 0.00	30.00 -1.98 0.00	26.64 -1.85 0.00	25.58 -1.87 0.00	25.38 -1.79 0.00	24.14 -1.84 0.00	25.96 -2.38 0.00	29.22 -2.61 0.00	33.20 -3.20 0.00	42.80 -4.34 0.01	47.50 -5.46 0.06	41.12 -4.98 2.28	33.80 -3.76 0.02	30.74 -3.11 0.00	29.01 -2.42 0.00
ESPRGFLD_115KV_TB1 80157	35.89 1.35 0.00	33.89 1.21 0.00	32.87 1.17 0.00	33.19 1.22 0.00	34.02 1.34 0.00	35.98 1.94 0.00	54.46 3.13 0.00	64.07 3.46 0.00	49.33 2.12 0.00	35.49 0.87 0.00	32.62 0.64 0.00	28.86 0.37 0.00	27.94 0.49 0.00	27.69 0.52 0.00	26.53 0.55 0.00	29.07 0.74 0.00	32.85 1.02 0.00	38.04 1.64 0.00	49.41 2.26 0.00	55.83 2.81 0.00	50.84 2.47 0.00	39.42 1.84 0.00	35.31 1.46 0.00	32.72 1.29 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.75 0.21 0.00	32.75 0.07 0.00	31.79 0.10 0.00	32.04 0.06 0.00	32.82 0.13 0.00	34.45 0.41 0.00	51.74 0.41 0.00	61.04 0.42 0.00	47.20 0.00 0.00	34.59 -0.03 0.00	31.92 -0.06 0.00	28.35 -0.14 0.00	27.28 -0.16 0.00	26.98 -0.19 0.00	25.78 -0.21 0.00	28.17 -0.17 0.00	31.71 -0.13 0.00	36.30 -0.11 0.00	47.15 0.00 0.00	53.11 0.00 -0.09	52.95 0.00 -4.58	37.59 0.00 -0.01	33.75 -0.10 0.00	31.43 0.00 0.00
ETNA____115KV_TB2 80207	34.75 0.21 0.00	32.75 0.07 0.00	31.79 0.10 0.00	32.04 0.06 0.00	32.82 0.13 0.00	34.45 0.41 0.00	51.74 0.41 0.00	61.04 0.42 0.00	47.20 0.00 0.00	34.59 -0.03 0.00	31.92 -0.06 0.00	28.35 -0.14 0.00	27.28 -0.16 0.00	26.98 -0.19 0.00	25.78 -0.21 0.00	28.17 -0.17 0.00	31.71 -0.13 0.00	36.30 -0.11 0.00	47.15 0.00 0.00	53.11 0.00 -0.09	52.95 0.00 -4.58	37.59 0.00 -0.01	33.75 -0.10 0.00	31.43 0.00 0.00
EUCLID____115KV_TB2 356179	33.79 -0.76 0.00	31.87 -0.82 0.00	30.97 -0.73 0.00	31.21 -0.77 0.00	31.93 -0.75 0.00	33.46 -0.58 0.00	50.00 -1.33 0.00	59.04 -1.58 0.00	45.83 -1.37 0.00	33.79 -0.83 0.00	31.31 -0.67 0.00	27.86 -0.63 0.00	26.82 -0.63 0.00	26.55 -0.62 0.00	25.36 -0.62 0.00	27.69 -0.65 0.00	31.10 -0.73 0.00	35.35 -1.06 0.00	45.78 -1.37 0.00	51.43 -1.59 0.00	46.92 -1.45 0.00	36.49 -1.09 0.00	32.87 -0.98 0.00	30.64 -0.79 0.00
E_CANADA_CAP_HY 24051	36.17 1.62 0.00	34.19 1.50 0.00	33.13 1.43 0.00	33.51 1.53 0.00	34.32 1.63 0.00	36.42 2.38 0.00	55.13 3.80 0.00	64.55 3.94 0.00	49.47 2.27 0.00	35.31 0.69 0.00	32.40 0.41 0.00	28.55 0.06 0.00	27.69 0.25 0.00	27.47 0.30 0.00	26.40 0.41 0.00	29.05 0.71 0.00	32.98 1.14 0.00	38.41 2.00 0.00	49.92 2.78 0.00	56.52 3.50 0.00	51.52 3.14 0.00	39.91 2.33 0.00	35.75 1.89 0.00	33.09 1.66 0.00
E_CANADA_MHWK_HY 24050	34.31 -0.24 0.00	32.46 -0.23 0.00	31.48 -0.22 0.00	31.72 -0.26 0.00	32.39 -0.29 0.00	33.83 -0.20 0.00	50.92 -0.41 0.00	60.01 -0.61 0.00	46.54 -0.66 0.00	34.00 -0.62 0.00	31.44 -0.54 0.00	28.06 -0.43 0.00	27.06 -0.38 0.00	26.76 -0.41 0.00	25.55 -0.44 0.00	27.91 -0.42 0.00	31.32 -0.51 0.00	35.82 -0.58 0.00	46.39 -0.76 0.00	52.17 -0.85 0.00	47.60 -0.78 0.00	36.94 -0.64 0.00	33.17 -0.68 0.00	30.74 -0.69 0.00
E_FISHKILL____LBMP 23776	35.72 1.17 0.00	33.86 1.18 0.00	32.75 1.05 0.00	33.06 1.09 0.00	33.86 1.18 0.00	35.64 1.60 0.00	53.59 2.26 0.00	63.53 2.91 0.00	49.56 2.36 0.00	36.35 1.73 0.00	33.39 1.41 0.00	29.83 1.34 0.00	28.74 1.29 0.00	28.47 1.30 0.00	27.31 1.33 0.00	29.84 1.50 0.00	33.49 1.66 0.00	38.59 2.18 0.00	50.02 2.88 0.00	56.26 3.23 0.00	51.33 2.95 0.00	39.83 2.25 0.00	35.81 1.96 0.00	33.13 1.70 0.00
FALCON____SEABRD_CC1 323796	35.72 1.18 0.00	33.89 1.21 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.99 1.31 0.00	34.99 0.95 0.00	52.26 0.92 0.00	60.50 -0.12 0.00	47.77 0.57 0.00	35.45 0.83 0.00	32.94 0.96 0.00	29.32 0.83 0.00	28.13 0.69 0.00	27.66 0.49 0.00	26.14 0.16 0.00	28.20 -0.14 0.00	31.55 -0.29 0.00	35.86 -0.55 0.00	46.25 -0.90 0.00	51.59 -1.43 0.00	46.78 -1.60 0.00	35.96 -1.61 0.00	0.06 -1.59 32.20	-6.35 -1.51 36.27

FALCON___SEABRD_CC2 323797	35.72 1.18 0.00	33.89 1.21 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.99 1.31 0.00	34.99 0.95 0.00	52.26 0.92 0.00	60.50 -0.12 0.00	47.77 0.57 0.00	35.45 0.83 0.00	32.94 0.96 0.00	29.32 0.83 0.00	28.13 0.69 0.00	27.66 0.49 0.00	26.14 0.16 0.00	28.20 -0.14 0.00	31.55 -0.29 0.00	35.86 -0.55 0.00	46.25 -0.90 0.00	51.59 -1.43 0.00	46.78 -1.60 0.00	35.96 -1.61 0.00	0.06 -1.59 32.20	-6.35 -1.51 36.27
FAR ROCKAWAY___4 23548	36.59 2.04 0.00	34.68 1.99 0.00	33.41 1.71 0.00	33.74 1.76 0.00	34.65 1.96 0.00	36.59 2.55 0.00	55.03 3.70 0.00	65.04 4.43 0.00	50.98 3.78 0.00	37.11 2.49 0.00	34.16 2.17 0.00	30.43 1.94 0.00	29.29 1.84 0.00	28.94 1.77 0.00	27.78 1.79 0.00	30.46 2.13 0.00	34.25 2.42 0.00	39.68 3.28 0.00	51.34 4.20 0.00	57.90 4.88 0.00	52.87 4.50 0.00	43.93 3.65 -2.71	36.90 3.05 0.00	33.91 2.48 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.21 1.66 0.00	34.25 1.57 0.00	33.13 1.43 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.11 2.08 0.00	54.41 3.08 0.00	64.56 3.94 0.00	50.46 3.26 0.00	37.08 2.46 0.00	34.03 2.05 0.00	30.46 1.97 0.00	29.37 1.92 0.00	29.07 1.90 0.00	27.88 1.90 0.00	30.43 2.10 0.00	34.09 2.26 0.00	39.32 2.91 0.00	50.96 3.82 0.00	57.21 4.19 0.00	52.15 3.77 0.00	40.44 2.86 0.00	36.36 2.51 0.00	33.60 2.17 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.21 1.66 0.00	34.25 1.57 0.00	33.13 1.43 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.11 2.08 0.00	54.41 3.08 0.00	64.56 3.94 0.00	50.46 3.26 0.00	37.08 2.46 0.00	34.03 2.05 0.00	30.46 1.97 0.00	29.37 1.92 0.00	29.07 1.90 0.00	27.88 1.90 0.00	30.43 2.10 0.00	34.09 2.26 0.00	39.28 2.88 0.00	50.96 3.82 0.00	57.21 4.19 0.00	52.15 3.77 0.00	40.47 2.89 0.00	36.36 2.51 0.00	33.60 2.17 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.50 3.88 0.00	50.41 3.21 0.00	37.08 2.46 0.00	34.03 2.05 0.00	30.46 1.97 0.00	29.34 1.89 0.00	29.07 1.90 0.00	27.86 1.87 0.00	30.43 2.10 0.00	34.09 2.26 0.00	39.28 2.88 0.00	50.92 3.77 0.00	57.21 4.19 0.00	52.15 3.77 0.00	40.44 2.86 0.00	36.36 2.51 0.00	33.60 2.17 0.00
FARRAGUT___LBMP 323566	36.17 1.62 0.00	34.22 1.54 0.00	33.09 1.39 0.00	33.42 1.44 0.00	34.22 1.54 0.00	36.05 2.01 0.00	54.36 3.03 0.00	64.44 3.82 0.00	50.37 3.16 0.00	37.05 2.42 0.00	34.00 2.01 0.00	30.43 1.94 0.00	29.31 1.87 0.00	29.05 1.87 0.00	27.83 1.85 0.00	30.41 2.07 0.00	34.06 2.23 0.00	39.25 2.84 0.00	50.87 3.72 0.00	57.16 4.14 0.00	52.10 3.72 0.00	40.40 2.82 0.00	36.32 2.47 0.00	33.57 2.14 0.00
FENNER___WINDPWR 24204	34.89 0.35 0.00	32.94 0.26 0.00	31.95 0.25 0.00	32.23 0.25 0.00	33.01 0.33 0.00	34.55 0.51 0.00	52.05 0.72 0.00	61.53 0.91 0.00	47.63 0.42 0.00	34.76 0.14 0.00	32.11 0.13 0.00	28.52 0.03 0.00	27.48 0.03 0.00	27.17 0.00 0.00	25.96 -0.03 0.00	28.37 0.03 0.00	31.96 0.13 0.00	36.59 0.18 0.00	47.52 0.38 0.00	53.51 0.48 -0.01	49.57 0.43 -0.76	37.92 0.34 0.00	34.02 0.17 0.00	31.65 0.22 0.00
FIBERTEK___ENERGY 23856	34.17 -0.38 0.00	32.23 -0.46 0.00	31.29 -0.41 0.00	31.53 -0.45 0.00	32.26 -0.42 0.00	33.80 -0.24 0.00	50.61 -0.72 0.00	59.77 -0.85 0.00	46.40 -0.80 0.00	34.14 -0.48 0.00	31.63 -0.35 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.94 -0.40 0.00	31.39 -0.45 0.00	35.75 -0.66 0.00	46.30 -0.85 0.00	52.01 -1.01 0.00	47.46 -0.92 0.00	36.90 -0.68 0.00	33.21 -0.64 0.00	30.96 -0.47 0.00
FITZPATRICK____ 23598	33.48 -1.07 0.00	31.64 -1.05 0.00	30.72 -0.98 0.00	30.95 -1.02 0.00	31.67 -1.01 0.00	33.08 -0.95 0.00	49.64 -1.69 0.00	58.62 -2.00 0.00	45.60 -1.61 0.00	33.58 -1.04 0.00	31.09 -0.90 0.00	27.66 -0.83 0.00	26.63 -0.82 0.00	26.36 -0.81 0.00	25.21 -0.78 0.00	27.46 -0.88 0.00	30.88 -0.95 0.00	35.02 -1.38 0.00	45.26 -1.89 0.00	50.90 -2.12 0.00	46.44 -1.94 0.00	36.11 -1.47 0.00	32.53 -1.32 0.00	30.33 -1.10 0.00
FLOWRFLD_69_KV_BK1 356044	36.41 1.87 0.00	34.74 2.06 0.00	33.35 1.65 0.00	33.64 1.66 0.00	34.74 2.06 0.00	36.66 2.62 0.00	55.23 3.90 0.00	65.16 4.55 0.00	50.89 3.68 0.00	36.70 2.08 0.00	33.90 1.92 0.00	30.11 1.62 0.00	28.90 1.45 0.00	28.45 1.28 0.00	27.36 1.38 0.00	30.15 1.81 0.00	34.00 2.16 0.00	39.54 3.13 0.00	51.20 4.05 0.00	58.11 5.09 0.00	53.21 4.84 0.00	44.12 3.83 -2.71	37.03 3.18 0.00	33.85 2.42 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.07 1.52 0.00	34.16 1.47 0.00	33.03 1.33 0.00	33.32 1.34 0.00	34.16 1.47 0.00	35.98 1.94 0.00	54.21 2.87 0.00	64.19 3.58 0.00	50.04 2.83 0.00	36.60 1.97 0.00	33.48 1.50 0.00	29.92 1.42 0.00	28.85 1.40 0.00	28.58 1.41 0.00	27.42 1.43 0.00	30.01 1.67 0.00	33.68 1.85 0.00	38.88 2.48 0.00	50.49 3.35 0.00	56.84 3.82 0.00	51.81 3.43 0.00	40.25 2.67 0.00	36.12 2.27 0.00	33.38 1.95 0.00
FORT ORANGE____ 23900	35.17 0.62 0.00	33.44 0.75 0.00	32.40 0.70 0.00	32.71 0.74 0.00	33.44 0.75 0.00	35.09 1.06 0.00	52.56 1.23 0.00	62.07 1.45 0.00	48.24 1.04 0.00	35.21 0.59 0.00	32.52 0.54 0.00	28.97 0.48 0.00	27.86 0.41 0.00	27.63 0.46 0.00	26.51 0.52 0.00	28.99 0.65 0.00	32.60 0.76 0.00	37.54 1.13 0.00	48.61 1.46 0.00	54.83 1.80 0.00	50.02 1.65 0.00	38.89 1.31 0.00	35.07 1.22 0.00	32.53 1.10 0.00
FORT_DRUM_COGEN 23780	34.41 -0.14 0.00	32.52 -0.16 0.00	31.54 -0.16 0.00	31.82 -0.16 0.00	32.65 -0.03 0.00	33.97 -0.07 0.00	51.43 0.10 0.00	60.74 0.12 0.00	46.73 -0.47 0.00	33.72 -0.90 0.00	31.21 -0.77 0.00	27.64 -0.85 0.00	26.62 -0.82 0.00	26.33 -0.84 0.00	25.08 -0.91 0.00	27.46 -0.88 0.00	30.97 -0.86 0.00	35.57 -0.84 0.00	46.58 -0.57 0.00	52.86 -0.16 0.00	48.33 -0.05 0.00	37.43 -0.15 0.00	34.79 -0.47 -1.42	32.58 -0.44 -1.60
FOX_HILLS___ESR 323835	51.46 2.04 -14.88	34.62 1.93 -0.01	38.43 1.78 -4.96	33.81 1.82 -0.01	34.62 1.93 -0.01	51.43 2.42 -14.98	54.83 3.49 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.37 2.08 -21.31	58.04 2.02 -27.53	61.53 1.95 -32.14	62.28 1.96 -33.16	65.92 1.92 -38.01	57.75 2.15 -27.26	57.74 2.36 -23.55	69.65 3.02 -30.22	59.28 3.96 -8.18	59.23 4.51 -1.70	57.48 3.97 -5.14	54.69 3.16 -13.95	52.17 2.81 -15.51	52.12 2.48 -18.21
FPL FAR_ROCK_GT1 24212	36.55 2.00 0.00	34.55 1.86 0.00	33.38 1.68 0.00	33.73 1.76 0.00	34.45 1.76 0.00	36.56 2.52 0.00	54.62 3.29 0.00	64.62 4.00 0.00	50.70 3.49 0.00	36.94 2.32 0.00	33.96 1.98 0.00	30.34 1.85 0.00	29.21 1.76 0.00	28.88 1.71 0.01	27.68 1.69 0.00	30.43 2.10 0.00	34.19 2.36 0.00	39.72 3.31 0.00	51.29 4.15 0.00	57.80 4.77 0.00	52.88 4.50 0.00	43.94 3.64 -2.71	36.93 3.08 0.00	33.91 2.48 0.00

FPL FAR_ROCK_GT2 23815	36.55 2.00 0.00	34.55 1.86 0.00	33.38 1.68 0.00	33.73 1.76 0.00	34.45 1.76 0.00	36.56 2.52 0.00	54.62 3.29 0.00	64.62 4.00 0.00	50.70 3.49 0.00	36.94 2.32 0.00	33.96 1.98 0.00	30.34 1.85 0.00	29.21 1.76 0.00	28.88 1.71 0.01	27.68 1.69 0.00	30.43 2.10 0.00	34.19 2.36 0.00	39.72 3.31 0.00	51.29 4.15 0.00	57.80 4.77 0.00	52.88 4.50 0.00	43.94 3.64 -2.71	36.93 3.08 0.00	33.91 2.48 0.00
FRANKLIN_FALL_HYD 24054	35.07 0.52 0.00	33.27 0.59 0.00	32.21 0.51 0.00	32.52 0.54 0.00	33.31 0.62 0.00	34.24 0.20 0.00	52.10 0.77 0.00	61.16 0.55 0.00	47.77 0.57 0.00	34.93 0.31 0.00	32.46 0.48 0.00	28.89 0.40 0.00	27.75 0.30 0.00	27.33 0.16 0.00	25.91 -0.08 0.00	28.05 -0.28 0.00	31.48 -0.35 0.00	35.86 -0.55 0.00	46.30 -0.85 0.00	51.91 -1.11 0.00	47.36 -1.02 0.00	36.60 -0.98 0.00	54.02 -0.98 -21.15	54.25 -1.01 -23.82
FREEPORT_EQUUS_GT1 23764	36.34 1.80 0.00	34.32 1.63 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.22 1.54 0.00	36.35 2.32 0.00	54.26 2.92 0.00	64.19 3.58 0.00	50.37 3.16 0.00	36.66 2.04 0.00	33.74 1.76 0.00	30.14 1.65 0.00	28.98 1.54 0.00	28.66 1.49 0.01	27.49 1.51 0.00	30.27 1.93 0.00	34.00 2.17 0.00	39.50 3.09 0.00	51.01 3.87 0.00	57.48 4.45 0.00	52.63 4.26 0.00	43.71 3.42 -2.71	36.76 2.91 0.00	33.75 2.33 0.00
FREEPORT___CT2 23818	36.34 1.80 0.00	34.32 1.63 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.22 1.54 0.00	36.35 2.32 0.00	54.26 2.92 0.00	64.19 3.58 0.00	50.37 3.16 0.00	36.66 2.04 0.00	33.74 1.76 0.00	30.14 1.65 0.00	28.98 1.54 0.00	28.66 1.49 0.01	27.49 1.51 0.00	30.27 1.93 0.00	34.00 2.17 0.00	39.50 3.09 0.00	51.01 3.87 0.00	57.48 4.45 0.00	52.63 4.26 0.00	43.71 3.42 -2.71	36.76 2.91 0.00	33.75 2.33 0.00
FRESHKLS_33_KV_LOAD 356253	51.46 2.04 -14.88	34.62 1.93 -0.01	38.43 1.78 -4.96	33.81 1.82 -0.01	34.65 1.96 -0.01	51.43 2.42 -14.98	54.78 3.44 -0.01	64.50 3.88 0.00	54.97 3.21 -4.56	54.38 2.42 -17.34	52.87 1.95 -18.94	52.88 1.91 -22.48	52.85 1.84 -23.56	52.84 1.85 -23.83	52.84 1.82 -25.03	52.82 2.07 -22.42	54.05 2.23 -19.99	55.96 2.91 -16.64	56.81 3.82 -5.85	58.95 4.40 -1.53	56.77 3.82 -4.57	54.65 3.12 -13.95	52.17 2.81 -15.51	52.09 2.45 -18.21
FULTON COGEN____ 23766	33.61 -0.93 0.00	31.74 -0.95 0.00	30.84 -0.86 0.00	31.08 -0.90 0.00	31.80 -0.88 0.00	33.29 -0.75 0.00	49.79 -1.54 0.00	58.80 -1.82 0.00	45.65 -1.56 0.00	33.62 -1.00 0.00	31.18 -0.80 0.00	27.72 -0.77 0.00	26.68 -0.77 0.00	26.38 -0.79 0.00	25.23 -0.75 0.00	27.54 -0.79 0.00	30.94 -0.89 0.00	35.21 -1.20 0.00	45.59 -1.56 0.00	51.27 -1.75 0.00	46.78 -1.60 0.00	36.34 -1.24 0.00	32.73 -1.12 0.00	30.49 -0.94 0.00
FULTON___LFGE 323630	36.24 1.69 0.00	34.29 1.60 0.00	33.22 1.52 0.00	33.61 1.63 0.00	34.42 1.73 0.00	36.45 2.42 0.00	55.13 3.80 0.00	64.68 4.06 0.00	49.61 2.41 0.00	35.49 0.87 0.00	32.59 0.61 0.00	28.75 0.26 0.00	27.83 0.38 0.00	27.60 0.43 0.00	26.53 0.55 0.00	29.16 0.82 0.00	33.07 1.24 0.00	38.48 2.07 0.00	50.02 2.88 0.00	56.63 3.61 0.00	51.62 3.24 0.00	40.02 2.44 0.00	35.85 2.00 0.00	33.19 1.76 0.00
G.F.CEMENT___DRP 24184	35.41 0.86 0.00	33.53 0.85 0.00	32.52 0.82 0.00	32.87 0.90 0.00	33.70 1.01 0.00	35.43 1.40 0.00	53.59 2.26 0.00	63.34 2.73 0.00	49.00 1.79 0.00	35.31 0.69 0.00	32.40 0.42 0.00	28.75 0.26 0.00	27.64 0.19 0.00	27.39 0.22 0.00	26.30 0.31 0.00	28.85 0.51 0.00	32.63 0.80 0.00	37.83 1.42 0.00	49.08 1.93 0.00	55.41 2.39 0.00	50.55 2.18 0.00	39.27 1.69 0.00	35.24 1.39 0.00	32.62 1.19 0.00
GARDENVILLE___LBMP 24039	32.75 -1.80 0.00	30.49 -2.19 0.00	29.89 -1.81 0.00	29.99 -1.98 0.00	30.66 -2.03 0.00	32.34 -1.70 0.00	47.53 -3.80 0.00	55.52 -5.09 0.00	43.05 -4.15 0.00	32.23 -2.39 0.00	29.87 -2.11 0.00	26.53 -1.97 0.00	25.47 -1.98 0.00	25.27 -1.90 0.00	24.04 -1.95 0.00	25.99 -2.35 0.00	29.10 -2.74 0.00	33.13 -3.28 0.00	42.33 -4.81 0.01	47.45 -5.51 0.06	40.98 -5.08 2.32	33.72 -3.83 0.02	30.77 -3.08 0.00	28.95 -2.48 0.00
GARDNVLA_35_KV_LD 355827	32.92 -1.62 0.00	30.66 -2.03 0.00	30.05 -1.65 0.00	30.15 -1.82 0.00	30.79 -1.90 0.00	32.54 -1.50 0.00	47.79 -3.54 0.00	55.83 -4.79 0.00	43.33 -3.87 0.00	32.44 -2.18 0.00	30.06 -1.92 0.00	26.70 -1.79 0.00	25.64 -1.81 0.00	25.43 -1.74 0.00	24.19 -1.79 0.00	26.16 -2.18 0.00	29.26 -2.58 0.00	33.35 -3.06 0.00	42.52 -4.62 0.01	47.66 -5.30 0.06	41.24 -4.89 2.25	33.88 -3.68 0.02	30.91 -2.95 0.00	29.10 -2.33 0.00
GELCKHM__115KV_LOAD 80723	33.93 -0.62 0.00	32.00 -0.69 0.00	31.10 -0.60 0.00	31.34 -0.64 0.00	32.03 -0.65 0.00	33.56 -0.48 0.00	50.20 -1.13 0.00	59.28 -1.33 0.00	46.02 -1.18 0.00	33.93 -0.69 0.00	31.44 -0.54 0.00	27.95 -0.54 0.00	26.93 -0.52 0.00	26.63 -0.54 0.00	25.44 -0.55 0.00	27.77 -0.57 0.00	31.20 -0.64 0.00	35.50 -0.91 0.00	45.97 -1.18 0.00	51.64 -1.38 0.00	47.12 -1.26 0.00	36.64 -0.94 0.00	33.01 -0.85 0.00	30.74 -0.69 0.00
GENERAL___MILLS 23808	32.85 -1.69 0.00	30.59 -2.09 0.00	29.99 -1.71 0.00	30.09 -1.89 0.00	30.72 -1.96 0.00	32.44 -1.60 0.00	47.64 -3.70 0.00	55.65 -4.97 0.00	43.19 -4.01 0.00	32.34 -2.29 0.00	29.93 -2.05 0.00	26.61 -1.88 0.00	25.55 -1.89 0.00	25.35 -1.82 0.00	24.12 -1.87 0.00	26.04 -2.30 0.00	29.16 -2.67 0.00	33.24 -3.17 0.00	42.37 -4.76 0.01	47.50 -5.46 0.06	41.12 -4.98 2.28	33.80 -3.76 0.02	30.84 -3.01 0.00	29.01 -2.42 0.00
GE_PLASTICS___DRP 24183	35.10 0.55 0.00	33.31 0.62 0.00	32.30 0.60 0.00	32.58 0.61 0.00	33.34 0.65 0.00	34.96 0.92 0.00	52.46 1.13 0.00	62.01 1.39 0.00	48.29 1.09 0.00	35.35 0.73 0.00	32.56 0.58 0.00	29.00 0.51 0.00	27.94 0.49 0.00	27.69 0.52 0.00	26.56 0.57 0.00	29.02 0.68 0.00	32.63 0.80 0.00	37.46 1.06 0.00	48.51 1.37 0.00	54.61 1.59 0.00	49.83 1.45 0.00	38.74 1.16 0.00	34.90 1.05 0.00	32.37 0.94 0.00
GILBOA___1 23756	35.13 0.59 0.00	33.27 0.59 0.00	32.27 0.57 0.00	32.55 0.58 0.00	33.27 0.59 0.00	34.96 0.92 0.00	52.41 1.08 0.00	61.83 1.21 0.00	48.24 1.04 0.00	35.35 0.73 0.00	32.56 0.58 0.00	29.06 0.57 0.00	28.08 0.63 0.00	27.82 0.65 0.00	26.66 0.67 0.00	29.02 0.68 0.00	32.60 0.76 0.00	37.50 1.09 0.00	48.56 1.41 0.00	54.67 1.65 0.00	49.88 1.50 0.00	38.75 1.17 0.00	34.90 1.05 0.00	32.34 0.91 0.00
GILBOA___2 23757	35.13 0.59 0.00	33.27 0.59 0.00	32.27 0.57 0.00	32.55 0.58 0.00	33.27 0.59 0.00	34.96 0.92 0.00	52.41 1.08 0.00	61.83 1.21 0.00	48.24 1.04 0.00	35.35 0.73 0.00	32.56 0.58 0.00	29.06 0.57 0.00	28.08 0.63 0.00	27.82 0.65 0.00	26.66 0.67 0.00	29.02 0.68 0.00	32.60 0.76 0.00	37.50 1.09 0.00	48.56 1.41 0.00	54.67 1.65 0.00	49.88 1.50 0.00	38.75 1.17 0.00	34.90 1.05 0.00	32.34 0.91 0.00

GILBOA___3 23758	35.13 0.59 0.00	33.27 0.59 0.00	32.27 0.57 0.00	32.55 0.58 0.00	33.27 0.59 0.00	34.96 0.92 0.00	52.41 1.08 0.00	61.83 1.21 0.00	48.24 1.04 0.00	35.35 0.73 0.00	32.56 0.58 0.00	29.06 0.57 0.00	28.08 0.63 0.00	27.82 0.65 0.00	26.66 0.67 0.00	29.02 0.68 0.00	32.60 0.76 0.00	37.50 1.09 0.00	48.56 1.41 0.00	54.67 1.65 0.00	49.88 1.50 0.00	38.75 1.17 0.00	34.90 1.05 0.00	32.34 0.91 0.00
GILBOA___4 23759	35.13 0.59 0.00	33.27 0.59 0.00	32.27 0.57 0.00	32.55 0.58 0.00	33.27 0.59 0.00	34.96 0.92 0.00	52.41 1.08 0.00	61.83 1.21 0.00	48.24 1.04 0.00	35.35 0.73 0.00	32.56 0.58 0.00	29.06 0.57 0.00	28.08 0.63 0.00	27.82 0.65 0.00	26.66 0.67 0.00	29.02 0.68 0.00	32.60 0.76 0.00	37.50 1.09 0.00	48.56 1.41 0.00	54.67 1.65 0.00	49.88 1.50 0.00	38.75 1.17 0.00	34.90 1.05 0.00	32.34 0.91 0.00
GILBOA___ 23599	35.17 0.62 0.00	33.27 0.59 0.00	32.27 0.57 0.00	32.55 0.58 0.00	33.31 0.62 0.00	34.96 0.92 0.00	52.51 1.18 0.00	61.95 1.33 0.00	48.34 1.13 0.00	35.42 0.80 0.00	32.62 0.64 0.00	29.09 0.60 0.00	28.11 0.66 0.00	27.85 0.68 0.00	26.69 0.70 0.00	29.05 0.71 0.00	32.63 0.80 0.00	37.50 1.09 0.00	48.61 1.46 0.00	54.67 1.64 0.00	49.88 1.50 0.00	38.74 1.16 0.00	34.87 1.02 0.00	32.34 0.91 0.00
GINNA___ 23603	31.92 -2.63 0.00	29.97 -2.71 0.00	29.16 -2.54 0.00	29.36 -2.62 0.00	30.10 -2.58 0.00	31.52 -2.52 0.00	47.07 -4.26 0.00	55.40 -5.21 0.00	43.10 -4.11 0.00	31.82 -2.80 0.00	29.42 -2.56 0.00	26.16 -2.34 0.00	25.17 -2.28 0.00	24.92 -2.25 0.00	23.73 -2.26 0.00	25.79 -2.55 0.00	29.03 -2.80 0.00	33.09 -3.31 0.00	42.71 -4.43 0.00	48.08 -4.93 0.01	43.31 -4.50 0.56	34.12 -3.46 0.00	30.70 -3.15 0.00	28.69 -2.73 0.00
GLEN PARK___ 23778	34.62 0.07 0.00	32.68 0.00 0.00	31.70 0.00 0.00	31.98 0.00 0.00	32.85 0.16 0.00	34.21 0.17 0.00	51.85 0.51 0.00	61.22 0.61 0.00	47.06 -0.14 0.00	33.93 -0.69 0.00	31.37 -0.61 0.00	27.75 -0.74 0.00	26.71 -0.74 0.00	26.41 -0.76 0.00	25.15 -0.83 0.00	27.54 -0.79 0.00	31.10 -0.73 0.00	35.75 -0.65 0.00	46.86 -0.28 0.00	53.23 0.21 0.00	48.67 0.29 0.00	37.69 0.11 0.00	34.93 -0.27 -1.35	32.70 -0.25 -1.52
GLENDALE_27_KV_LOAD 356172	36.49 1.93 -0.01	34.52 1.83 -0.01	33.39 1.68 -0.01	33.71 1.73 -0.01	34.52 1.83 -0.01	36.82 2.35 -0.43	54.83 3.49 -0.01	64.98 4.36 0.00	51.58 3.63 -0.75	53.99 2.74 -16.63	37.36 2.30 -3.07	36.56 2.19 -5.88	39.01 2.11 -9.45	39.48 2.09 -10.22	41.97 2.08 -13.90	36.34 2.32 -5.68	38.65 2.51 -4.30	53.82 3.20 -14.21	53.90 4.20 -2.56	57.87 4.61 -0.24	53.33 4.21 -0.75	41.29 3.19 -0.52	37.21 2.78 -0.58	34.53 2.42 -0.68
GLENWOOD_IC_1_G1 23712	36.34 1.80 0.00	34.48 1.80 0.00	33.22 1.52 0.00	33.54 1.57 0.00	34.45 1.76 0.00	36.35 2.31 0.00	54.67 3.34 0.00	64.68 4.06 0.00	50.70 3.49 0.00	36.94 2.32 0.00	34.00 2.01 0.00	30.29 1.79 0.00	29.15 1.70 0.00	28.80 1.63 0.00	27.68 1.69 0.00	30.35 2.01 0.00	34.09 2.26 0.00	39.50 3.09 0.00	51.06 3.91 0.00	57.58 4.56 0.00	52.58 4.21 0.00	43.67 3.38 -2.71	36.70 2.84 0.00	33.72 2.29 0.00
GLENWOOD_IC_2_G1 23688	36.27 1.73 0.00	34.29 1.60 0.00	33.13 1.43 0.00	33.48 1.50 0.00	34.19 1.50 0.00	36.28 2.25 0.00	54.21 2.87 0.00	64.13 3.51 0.00	50.32 3.11 0.00	36.66 2.04 0.00	33.74 1.76 0.00	30.17 1.68 0.00	29.01 1.56 0.00	28.71 1.55 0.01	27.52 1.53 0.00	30.27 1.93 0.00	33.97 2.13 0.00	39.43 3.02 0.00	50.92 3.77 0.00	57.31 4.29 0.00	52.44 4.06 0.00	43.56 3.27 -2.71	36.66 2.81 0.00	33.66 2.23 0.00
GLENWOOD_IC_3_G1 23689	36.27 1.73 0.00	34.29 1.60 0.00	33.13 1.43 0.00	33.48 1.50 0.00	34.19 1.50 0.00	36.28 2.25 0.00	54.21 2.87 0.00	64.13 3.51 0.00	50.32 3.11 0.00	36.66 2.04 0.00	33.74 1.76 0.00	30.17 1.68 0.00	29.01 1.56 0.00	28.71 1.55 0.01	27.52 1.53 0.00	30.27 1.93 0.00	33.97 2.13 0.00	39.43 3.02 0.00	50.92 3.77 0.00	57.31 4.29 0.00	52.44 4.06 0.00	43.56 3.27 -2.71	36.66 2.81 0.00	33.66 2.23 0.00
GLENWOOD___4 23550	36.34 1.80 0.00	34.48 1.80 0.00	33.22 1.52 0.00	33.54 1.57 0.00	34.45 1.76 0.00	36.35 2.31 0.00	54.67 3.34 0.00	64.68 4.06 0.00	50.70 3.49 0.00	36.94 2.32 0.00	34.00 2.01 0.00	30.29 1.79 0.00	29.15 1.70 0.00	28.80 1.63 0.00	27.68 1.69 0.00	30.35 2.01 0.00	34.09 2.26 0.00	39.50 3.09 0.00	51.06 3.91 0.00	57.58 4.56 0.00	52.58 4.21 0.00	43.67 3.38 -2.71	36.70 2.84 0.00	33.72 2.29 0.00
GLENWOOD___5 23614	36.34 1.80 0.00	34.48 1.80 0.00	33.22 1.52 0.00	33.54 1.57 0.00	34.45 1.76 0.00	36.35 2.31 0.00	54.67 3.34 0.00	64.68 4.06 0.00	50.70 3.49 0.00	36.94 2.32 0.00	34.00 2.01 0.00	30.29 1.79 0.00	29.15 1.70 0.00	28.80 1.63 0.00	27.68 1.69 0.00	30.35 2.01 0.00	34.09 2.26 0.00	39.50 3.09 0.00	51.06 3.91 0.00	57.58 4.56 0.00	52.58 4.21 0.00	43.67 3.38 -2.71	36.70 2.84 0.00	33.72 2.29 0.00
GLOBAL GREEN_PORT_GT1 23814	36.59 2.04 0.00	34.58 1.89 0.00	33.41 1.71 0.00	33.80 1.82 0.00	34.38 1.70 0.00	37.10 3.06 0.00	55.34 4.01 0.00	64.86 4.24 0.00	51.12 3.92 0.00	36.53 1.90 0.00	33.45 1.47 0.00	29.80 1.31 0.00	28.43 0.99 0.00	27.79 0.63 0.01	26.56 0.57 0.00	29.70 1.36 0.00	33.36 1.53 0.00	39.10 2.69 0.00	50.49 3.35 0.00	57.00 3.98 0.00	53.07 4.69 0.00	43.79 3.50 -2.71	36.80 2.94 0.00	33.57 2.14 0.00
GLOBE___DSASP 323697	32.03 -2.52 0.00	29.84 -2.84 0.00	29.29 -2.41 0.00	29.39 -2.59 0.00	29.97 -2.71 0.00	31.59 -2.45 0.00	46.15 -5.18 0.00	53.77 -6.85 0.00	41.82 -5.38 0.00	31.37 -3.25 0.00	29.07 -2.91 0.00	25.84 -2.65 0.00	24.84 -2.61 0.00	24.67 -2.50 0.00	23.49 -2.49 0.00	25.36 -2.98 0.00	28.40 -3.44 0.00	32.29 -4.11 0.00	41.33 -5.80 0.01	46.27 -6.68 0.07	39.75 -6.10 2.53	33.04 -4.51 0.03	30.06 -3.79 0.00	28.35 -3.08 0.00
GOETHSLN___LBMP 323567	35.96 1.42 0.00	34.02 1.34 0.00	32.90 1.20 0.00	33.26 1.28 0.00	34.02 1.34 0.00	35.88 1.84 0.00	54.05 2.72 0.00	64.13 3.52 0.00	50.18 2.97 0.00	36.91 2.29 0.00	33.87 1.89 0.00	30.34 1.85 0.00	29.26 1.81 0.00	28.96 1.79 0.00	27.78 1.79 0.00	30.32 1.98 0.00	33.90 2.07 0.00	39.06 2.66 0.00	50.68 3.54 0.00	56.84 3.82 0.00	51.86 3.48 0.00	40.21 2.63 0.00	36.15 2.30 0.00	33.41 1.98 0.00
GOLAH___69_KV_TB 1_2 80279	33.34 -1.21 0.00	31.18 -1.50 0.00	30.50 -1.20 0.00	30.67 -1.31 0.00	31.31 -1.37 0.00	32.98 -1.06 0.00	48.92 -2.41 0.00	57.34 -3.27 0.00	44.42 -2.78 0.00	32.89 -1.73 0.00	30.45 -1.54 0.00	27.04 -1.45 0.00	26.02 -1.43 0.00	25.79 -1.39 0.00	24.56 -1.43 0.00	26.67 -1.67 0.00	29.83 -2.01 0.00	34.19 -2.22 0.00	44.12 -3.02 0.00	49.71 -3.29 0.02	44.38 -3.00 1.00	35.32 -2.25 0.01	31.92 -1.93 0.00	29.89 -1.54 0.00

GOODYEAR_LAKE_HYD 323669	35.55 1.00 0.00	33.57 0.88 0.00	32.56 0.86 0.00	32.84 0.86 0.00	33.66 0.98 0.00	35.47 1.43 0.00	53.49 2.16 0.00	63.16 2.55 0.00	48.90 1.70 0.00	35.52 0.90 0.00	32.72 0.74 0.00	29.06 0.57 0.00	28.08 0.63 0.00	27.80 0.62 0.00	26.59 0.60 0.00	29.05 0.71 0.00	32.73 0.89 0.00	37.68 1.27 0.00	48.94 1.79 0.00	55.14 2.12 0.00	50.26 1.89 0.00	39.01 1.43 0.00	34.97 1.12 0.00	32.43 1.01 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.31 -0.24 0.00	32.29 -0.39 0.00	31.41 -0.29 0.00	31.63 -0.35 0.00	32.36 -0.33 0.00	34.00 -0.03 0.00	50.87 -0.46 0.00	60.01 -0.61 0.00	46.50 -0.71 0.00	34.28 -0.35 0.00	31.63 -0.35 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.88 -0.45 0.00	31.32 -0.51 0.00	35.82 -0.58 0.00	46.39 -0.75 0.00	52.11 -0.90 0.01	47.00 -0.82 0.56	36.94 -0.64 0.00	33.31 -0.54 0.00	31.05 -0.38 0.00
GOUDEY___7 23579	34.31 -0.24 0.00	32.29 -0.39 0.00	31.41 -0.29 0.00	31.63 -0.35 0.00	32.36 -0.33 0.00	34.00 -0.03 0.00	50.87 -0.46 0.00	60.01 -0.61 0.00	46.50 -0.71 0.00	34.28 -0.35 0.00	31.63 -0.35 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.88 -0.45 0.00	31.32 -0.51 0.00	35.82 -0.58 0.00	46.39 -0.75 0.00	52.11 -0.90 0.01	47.00 -0.82 0.56	36.94 -0.64 0.00	33.31 -0.54 0.00	31.05 -0.38 0.00
GOUDEY___8 23580	34.31 -0.24 0.00	32.29 -0.39 0.00	31.41 -0.29 0.00	31.63 -0.35 0.00	32.36 -0.33 0.00	34.00 -0.03 0.00	50.87 -0.46 0.00	60.01 -0.61 0.00	46.50 -0.71 0.00	34.28 -0.35 0.00	31.63 -0.35 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.88 -0.45 0.00	31.32 -0.51 0.00	35.82 -0.58 0.00	46.39 -0.75 0.00	52.11 -0.90 0.01	47.00 -0.82 0.56	36.94 -0.64 0.00	33.31 -0.54 0.00	31.05 -0.38 0.00
GOWANUS_GT1_1 24077	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT1_2 24078	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT1_3 24079	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT1_4 24080	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT1_5 24084	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT1_6 24111	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT1_7 24112	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT1_8 24113	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT2_1 24114	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
GOWANUS_GT2_2 24115	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
GOWANUS_GT2_3 24116	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21

GOWANUS_GT2_4 24117	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
GOWANUS_GT2_5 24118	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
GOWANUS_GT2_6 24119	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
GOWANUS_GT2_7 24120	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
GOWANUS_GT2_8 24121	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
GOWANUS_GT3_1 24122	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
GOWANUS_GT3_2 24123	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52

GOWANUS_GT4_3 24132	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT4_4 24133	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT4_5 24134	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT4_6 24135	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT4_7 24136	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GOWANUS_GT4_8 24137	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GREENBSH_115KV_TB3 55895	35.03 0.48 0.00	33.27 0.59 0.00	32.27 0.57 0.00	32.58 0.61 0.00	33.31 0.62 0.00	34.96 0.92 0.00	52.41 1.08 0.00	61.89 1.27 0.00	48.24 1.04 0.00	35.31 0.69 0.00	32.53 0.54 0.00	29.00 0.51 0.00	27.89 0.44 0.00	27.66 0.49 0.00	26.51 0.52 0.00	28.99 0.65 0.00	32.63 0.80 0.00	37.46 1.06 0.00	48.46 1.32 0.00	54.56 1.54 0.00	49.78 1.40 0.00	38.71 1.13 0.00	34.90 1.05 0.00	32.40 0.97 0.00
GREENIDGE_115KV_TB5 80291	33.99 -0.55 0.00	31.90 -0.78 0.00	31.07 -0.63 0.00	31.27 -0.70 0.00	32.00 -0.69 0.00	33.70 -0.34 0.00	50.41 -0.92 0.00	58.92 -1.70 0.00	45.83 -1.37 0.00	33.76 -0.87 0.00	31.15 -0.83 0.00	27.61 -0.88 0.00	26.51 -0.93 0.00	26.19 -0.98 0.00	25.00 -0.99 0.00	27.23 -1.11 0.00	30.66 -1.18 0.00	35.10 -1.31 0.00	45.51 -1.65 -0.02	51.16 -1.91 -0.05	46.42 -1.79 0.17	36.28 -1.35 -0.05	32.57 -1.29 0.00	30.42 -1.01 0.00
GREENIDGE___3 23582	33.99 -0.55 0.00	31.90 -0.78 0.00	31.07 -0.63 0.00	31.27 -0.70 0.00	32.00 -0.69 0.00	33.70 -0.34 0.00	50.41 -0.92 0.00	58.92 -1.70 0.00	45.83 -1.37 0.00	33.76 -0.87 0.00	31.15 -0.83 0.00	27.61 -0.88 0.00	26.51 -0.93 0.00	26.19 -0.98 0.00	25.00 -0.99 0.00	27.23 -1.11 0.00	30.66 -1.18 0.00	35.10 -1.31 0.00	45.51 -1.65 -0.02	51.16 -1.91 -0.05	46.42 -1.79 0.17	36.28 -1.35 -0.05	32.57 -1.29 0.00	30.42 -1.01 0.00
GREENIDGE___4 23583	34.03 -0.52 0.00	31.93 -0.75 0.00	31.07 -0.63 0.00	31.27 -0.70 0.00	32.10 -0.59 0.00	33.70 -0.34 0.00	50.51 -0.82 0.00	59.04 -1.58 0.00	45.93 -1.27 0.00	33.83 -0.79 0.00	31.18 -0.80 0.00	27.64 -0.85 0.00	26.54 -0.91 0.00	26.22 -0.95 0.00	25.03 -0.96 0.00	27.20 -1.13 0.00	30.69 -1.14 0.00	35.10 -1.31 0.00	45.61 -1.55 -0.02	51.16 -1.91 -0.05	46.42 -1.79 0.17	36.28 -1.35 -0.05	32.53 -1.32 0.00	30.42 -1.01 0.00
GREENLWN_69_KV_BK 3 55738	36.14 1.59 0.00	34.32 1.63 0.00	33.06 1.36 0.00	33.35 1.38 0.00	34.32 1.63 0.00	36.22 2.18 0.00	54.21 2.87 0.00	63.89 3.27 0.00	50.46 3.26 0.00	36.66 2.04 0.00	33.80 1.82 0.00	30.09 1.60 0.00	28.93 1.48 0.00	28.58 1.41 0.00	27.47 1.48 0.00	30.15 1.81 0.00	33.94 2.10 0.00	39.32 2.91 0.00	50.44 3.30 0.00	56.89 3.87 0.00	52.05 3.68 0.00	43.55 3.27 -2.71	36.56 2.71 0.00	33.57 2.14 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21
GRISSOM___SOLAR 323813	36.14 1.59 0.00	34.19 1.50 0.00	33.13 1.43 0.00	33.51 1.53 0.00	34.32 1.63 0.00	36.28 2.25 0.00	54.82 3.49 0.00	64.38 3.76 0.00	49.47 2.27 0.00	35.52 0.90 0.00	32.62 0.64 0.00	28.83 0.34 0.00	27.89 0.44 0.00	27.66 0.49 0.00	26.59 0.60 0.00	29.16 0.82 0.00	33.04 1.21 0.00	38.37 1.96 0.00	49.88 2.73 0.00	56.47 3.44 0.00	51.47 3.10 0.00	39.91 2.33 0.00	35.78 1.93 0.00	33.13 1.70 0.00
GROVEVILLE___HYD 323602	36.07 1.52 0.00	34.16 1.47 0.00	33.03 1.33 0.00	33.32 1.34 0.00	34.16 1.47 0.00	35.98 1.94 0.00	54.21 2.87 0.00	64.19 3.58 0.00	50.04 2.83 0.00	36.60 1.97 0.00	33.48 1.50 0.00	29.92 1.42 0.00	28.85 1.40 0.00	28.58 1.41 0.00	27.42 1.43 0.00	30.01 1.67 0.00	33.68 1.85 0.00	38.88 2.48 0.00	50.49 3.35 0.00	56.84 3.82 0.00	51.81 3.43 0.00	40.25 2.67 0.00	36.12 2.27 0.00	33.38 1.95 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.17 -0.38 0.00	32.23 -0.46 0.00	31.29 -0.41 0.00	31.53 -0.45 0.00	32.26 -0.42 0.00	33.80 -0.24 0.00	50.61 -0.72 0.00	59.77 -0.85 0.00	46.40 -0.80 0.00	34.14 -0.48 0.00	31.63 -0.35 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.94 -0.40 0.00	31.39 -0.45 0.00	35.75 -0.66 0.00	46.30 -0.85 0.00	52.01 -1.01 0.00	47.46 -0.92 0.00	36.90 -0.68 0.00	33.21 -0.64 0.00	30.96 -0.47 0.00

HAMLTNNY_34_KV_TB 80303	34.17 -0.38 0.00	32.23 -0.46 0.00	31.32 -0.38 0.00	31.56 -0.42 0.00	32.29 -0.39 0.00	33.87 -0.17 0.00	50.66 -0.67 0.00	59.83 -0.79 0.00	46.45 -0.76 0.00	34.17 -0.45 0.00	31.66 -0.32 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.91 -0.43 0.00	31.39 -0.45 0.00	35.75 -0.66 0.00	46.30 -0.85 0.00	52.01 -1.01 0.00	47.50 -0.87 0.00	36.90 -0.68 0.00	33.21 -0.64 0.00	30.96 -0.47 0.00
HAMPSHIRE___PAPER_HYD 323593	33.89 -0.66 0.00	32.06 -0.62 0.00	31.07 -0.63 0.00	31.37 -0.61 0.00	32.13 -0.56 0.00	33.08 -0.95 0.00	50.41 -0.92 0.00	59.46 -1.15 0.00	46.07 -1.13 0.00	33.41 -1.21 0.00	30.93 -1.05 0.00	27.47 -1.02 0.00	26.43 -1.02 0.00	26.14 -1.03 0.00	24.90 -1.09 0.00	27.15 -1.19 0.00	30.56 -1.27 0.00	35.02 -1.38 0.00	45.59 -1.55 0.00	51.48 -1.54 0.00	47.02 -1.35 0.00	36.45 -1.13 0.00	36.02 -1.22 -3.38	34.08 -1.16 -3.81
HARDSCRABBLE_WT_PWR 323673	34.38 -0.17 0.00	32.52 -0.16 0.00	31.54 -0.16 0.00	31.79 -0.19 0.00	32.46 -0.23 0.00	33.90 -0.14 0.00	51.03 -0.31 0.00	60.13 -0.49 0.00	46.64 -0.56 0.00	34.07 -0.56 0.00	31.50 -0.48 0.00	28.12 -0.37 0.00	27.12 -0.33 0.00	26.82 -0.35 0.00	25.60 -0.39 0.00	27.94 -0.40 0.00	31.36 -0.48 0.00	35.86 -0.55 0.00	46.44 -0.71 0.00	52.23 -0.79 0.00	47.60 -0.78 0.00	36.94 -0.64 0.00	33.21 -0.64 0.00	30.77 -0.66 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.72 1.17 0.00	33.83 1.14 0.00	32.71 1.01 0.00	33.00 1.02 0.00	33.83 1.14 0.00	35.60 1.57 0.00	53.59 2.26 0.00	63.59 2.97 0.00	49.52 2.31 0.00	36.32 1.70 0.00	33.29 1.31 0.00	29.74 1.25 0.00	28.68 1.24 0.00	28.42 1.25 0.00	27.23 1.25 0.00	29.78 1.45 0.00	33.39 1.56 0.00	38.52 2.11 0.00	50.02 2.88 0.00	56.26 3.23 0.00	51.28 2.90 0.00	39.83 2.25 0.00	35.75 1.90 0.00	33.06 1.63 0.00
HARSNRAD_115KV_TB1 81005	32.23 -2.31 0.00	30.04 -2.65 0.00	29.45 -2.25 0.00	29.55 -2.43 0.00	30.17 -2.52 0.00	31.83 -2.21 0.00	46.61 -4.72 0.00	54.31 -6.30 0.00	42.20 -5.00 0.00	31.58 -3.05 0.00	29.26 -2.72 0.00	25.98 -2.51 0.00	24.98 -2.47 0.00	24.78 -2.39 0.00	23.57 -2.42 0.00	25.48 -2.86 0.00	28.56 -3.28 0.00	32.51 -3.90 0.00	41.62 -5.52 0.01	46.68 -6.26 0.08	39.66 -5.76 2.95	33.26 -4.28 0.04	30.26 -3.59 0.00	28.47 -2.95 0.00
HARZA MOOSE___RIVER 24016	34.72 0.17 0.00	32.82 0.13 0.00	31.83 0.13 0.00	32.10 0.13 0.00	32.91 0.23 0.00	34.14 0.10 0.00	51.64 0.31 0.00	60.98 0.36 0.00	47.16 -0.05 0.00	34.17 -0.45 0.00	31.60 -0.38 0.00	28.06 -0.43 0.00	27.01 -0.44 0.00	26.74 -0.43 0.00	25.52 -0.47 0.00	27.91 -0.43 0.00	31.45 -0.38 0.00	36.15 -0.25 0.00	47.10 -0.05 0.00	53.18 0.16 0.00	48.52 0.15 0.00	37.65 0.08 0.00	34.70 -0.14 -0.99	32.38 -0.16 -1.11
HDSNBRDG_115KV_BRDG_TB1 355580	33.93 -0.62 0.00	32.00 -0.69 0.00	31.10 -0.60 0.00	31.34 -0.64 0.00	32.03 -0.65 0.00	33.60 -0.44 0.00	50.25 -1.08 0.00	59.34 -1.27 0.00	46.07 -1.13 0.00	33.93 -0.69 0.00	31.44 -0.54 0.00	27.98 -0.51 0.00	26.93 -0.52 0.00	26.65 -0.52 0.00	25.47 -0.52 0.00	27.80 -0.54 0.00	31.23 -0.60 0.00	35.53 -0.87 0.00	45.97 -1.18 0.00	51.64 -1.38 0.00	47.17 -1.21 0.00	36.64 -0.94 0.00	33.01 -0.85 0.00	30.77 -0.66 0.00
HELLGATE_13_KV_LD 55870	36.35 1.80 -0.01	34.42 1.73 -0.01	33.26 1.55 -0.01	33.62 1.63 -0.01	34.42 1.73 -0.01	36.68 2.21 -0.43	54.63 3.29 -0.01	64.68 4.06 0.00	51.39 3.45 -0.74	53.83 2.60 -16.62	37.23 2.17 -3.07	36.45 2.08 -5.87	38.89 2.00 -9.44	39.39 2.01 -10.21	41.86 1.98 -13.89	36.22 2.21 -5.67	38.52 2.39 -4.30	53.66 3.06 -14.19	53.71 4.01 -2.56	57.61 4.35 -0.24	53.14 4.02 -0.75	41.14 3.04 -0.52	37.10 2.67 -0.58	34.43 2.33 -0.68
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.35 1.80 -0.01	34.42 1.73 -0.01	33.26 1.55 -0.01	33.62 1.63 -0.01	34.42 1.73 -0.01	36.68 2.21 -0.43	54.63 3.29 -0.01	64.68 4.06 0.00	51.39 3.45 -0.74	53.83 2.60 -16.62	37.23 2.17 -3.07	36.45 2.08 -5.87	38.89 2.00 -9.44	39.39 2.01 -10.21	41.86 1.98 -13.89	36.22 2.21 -5.67	38.52 2.39 -4.30	53.66 3.06 -14.19	53.71 4.01 -2.56	57.61 4.35 -0.24	53.14 4.02 -0.75	41.14 3.04 -0.52	37.10 2.67 -0.58	34.43 2.33 -0.68
HEMPSTEAD____ 23647	36.14 1.59 0.00	34.16 1.47 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.06 1.37 0.00	36.15 2.11 0.00	54.00 2.67 0.00	63.89 3.27 0.00	50.13 2.93 0.00	36.53 1.90 0.00	33.61 1.63 0.00	30.03 1.54 0.00	28.87 1.43 0.00	28.57 1.41 0.01	27.39 1.40 0.00	30.15 1.82 0.00	33.84 2.01 0.00	39.28 2.88 0.00	50.72 3.58 0.00	57.16 4.14 0.00	52.34 3.97 0.00	43.48 3.19 -2.71	36.56 2.71 0.00	33.57 2.14 0.00
HEWLETT_69_KV_BK3 55828	36.45 1.90 0.00	34.55 1.86 0.00	33.32 1.62 0.00	33.64 1.66 0.00	34.55 1.86 0.00	36.45 2.42 0.00	54.77 3.44 0.00	64.80 4.18 0.00	50.79 3.59 0.00	37.01 2.39 0.00	34.06 2.08 0.00	30.34 1.85 0.00	29.18 1.73 0.00	28.86 1.68 0.00	27.70 1.72 0.00	30.38 2.04 0.00	34.16 2.32 0.00	39.54 3.13 0.00	51.15 4.01 0.00	57.63 4.61 0.00	52.68 4.31 0.00	43.74 3.46 -2.71	36.76 2.91 0.00	33.82 2.39 0.00
HICKLING___1 23621	33.89 -0.66 0.00	31.74 -0.95 0.00	30.94 -0.76 0.00	31.11 -0.86 0.00	31.83 -0.85 0.00	33.53 -0.51 0.00	50.05 -1.28 0.00	58.86 -1.76 0.00	45.41 -1.79 0.00	33.58 -1.04 0.00	30.96 -1.02 0.00	27.47 -1.03 0.00	26.38 -1.07 0.00	26.06 -1.11 0.00	24.87 -1.12 0.00	27.03 -1.30 0.00	30.37 -1.46 0.00	34.77 -1.64 0.00	44.98 -2.17 -0.01	50.46 -2.55 0.02	44.10 -2.37 1.90	35.83 -1.77 -0.02	32.29 -1.56 0.00	30.23 -1.19 0.00
HICKLING___2 23622	33.89 -0.66 0.00	31.74 -0.95 0.00	30.94 -0.76 0.00	31.11 -0.86 0.00	31.83 -0.85 0.00	33.53 -0.51 0.00	50.05 -1.28 0.00	58.86 -1.76 0.00	45.41 -1.79 0.00	33.58 -1.04 0.00	30.96 -1.02 0.00	27.47 -1.03 0.00	26.38 -1.07 0.00	26.06 -1.11 0.00	24.87 -1.12 0.00	27.03 -1.30 0.00	30.37 -1.46 0.00	34.77 -1.64 0.00	44.98 -2.17 -0.01	50.46 -2.55 0.02	44.10 -2.37 1.90	35.83 -1.77 -0.02	32.29 -1.56 0.00	30.23 -1.19 0.00
HIGH FALLS___HY 23754	35.86 1.31 0.00	33.93 1.24 0.00	32.81 1.11 0.00	33.10 1.12 0.00	33.93 1.24 0.00	35.74 1.70 0.00	53.90 2.57 0.00	63.89 3.27 0.00	49.75 2.55 0.00	36.39 1.77 0.00	33.32 1.34 0.00	29.77 1.28 0.00	28.74 1.29 0.00	28.45 1.28 0.00	27.26 1.27 0.00	29.84 1.50 0.00	33.46 1.62 0.00	38.66 2.26 0.00	50.26 3.11 0.00	56.52 3.50 0.00	51.52 3.14 0.00	40.02 2.44 0.00	35.88 2.03 0.00	33.16 1.73 0.00
HIGH_RIVER___SOLAR 323847	35.62 1.07 0.00	33.70 1.01 0.00	32.68 0.98 0.00	33.00 1.02 0.00	33.80 1.11 0.00	36.05 2.01 0.00	54.41 3.08 0.00	63.65 3.03 0.00	48.90 1.70 0.00	34.97 0.35 0.00	32.05 0.06 0.00	28.29 -0.20 0.00	27.45 0.00 0.00	27.25 0.08 0.00	26.25 0.26 0.00	28.85 0.51 0.00	32.69 0.86 0.00	38.12 1.71 0.00	49.12 1.98 0.00	55.46 2.44 0.00	50.55 2.18 0.00	39.27 1.69 0.00	35.27 1.42 0.00	32.69 1.26 0.00

HILLBURN___GT 23639	35.72 1.18 0.00	33.76 1.08 0.00	32.68 0.98 0.00	33.00 1.02 0.00	33.73 1.05 0.00	35.60 1.57 0.00	53.44 2.11 0.00	63.35 2.73 0.00	49.38 2.17 0.00	36.25 1.63 0.00	33.32 1.34 0.00	29.80 1.31 0.00	28.71 1.26 0.00	28.47 1.30 0.00	27.26 1.27 0.00	29.84 1.50 0.00	33.39 1.56 0.00	38.59 2.18 0.00	50.02 2.88 0.00	56.31 3.29 0.00	51.33 2.95 0.00	39.87 2.29 0.00	35.81 1.96 0.00	33.06 1.63 0.00
HILLSIDE_115KV_TB1 80332	33.58 -0.97 0.00	31.48 -1.21 0.00	30.69 -1.01 0.00	30.86 -1.12 0.00	31.57 -1.11 0.00	33.22 -0.82 0.00	49.59 -1.75 0.00	58.31 -2.30 0.00	45.08 -2.12 0.00	33.34 -1.28 0.00	30.77 -1.22 0.00	27.32 -1.17 0.00	26.27 -1.18 0.00	25.98 -1.20 0.00	24.79 -1.20 0.00	26.92 -1.42 0.00	30.24 -1.59 0.00	34.59 -1.82 0.00	44.70 -2.45 -0.01	50.14 -2.86 0.02	43.95 -2.61 1.82	35.60 -1.99 -0.01	32.16 -1.69 0.00	30.08 -1.35 0.00
HISHELDN_WT_PWR 323625	32.41 -2.14 0.00	30.27 -2.42 0.00	29.51 -2.19 0.00	29.61 -2.37 0.00	30.43 -2.25 0.00	31.86 -2.18 0.00	47.07 -4.26 0.00	55.04 -5.58 0.00	42.58 -4.62 0.00	31.58 -3.05 0.00	29.17 -2.81 0.00	25.87 -2.62 0.00	24.81 -2.64 0.00	24.56 -2.61 0.00	23.36 -2.62 0.00	25.19 -3.15 0.00	28.43 -3.41 0.00	32.40 -4.00 0.00	41.85 -5.23 0.06	46.46 -6.20 0.36	31.26 -5.71 11.40	33.09 -4.32 0.17	30.09 -3.76 0.00	28.35 -3.08 0.00
HOLTSVILLE_IC_1 23690	36.21 1.66 0.00	34.22 1.54 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.09 1.40 0.00	36.45 2.42 0.00	54.31 2.98 0.00	64.07 3.45 0.00	50.32 3.11 0.00	36.39 1.76 0.00	33.42 1.44 0.00	29.89 1.40 0.00	28.65 1.21 0.00	28.25 1.09 0.01	27.10 1.12 0.00	30.01 1.67 0.00	33.74 1.91 0.00	39.32 2.91 0.00	50.82 3.68 0.00	57.31 4.29 0.00	52.82 4.45 0.00	43.82 3.53 -2.71	36.86 3.01 0.00	33.66 2.23 0.00
HOLTSVILLE_IC_10 23699	36.31 1.76 0.00	34.32 1.63 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.19 1.50 0.00	36.59 2.55 0.00	54.57 3.24 0.00	64.31 3.70 0.00	50.51 3.30 0.00	36.46 1.83 0.00	33.48 1.50 0.00	29.94 1.45 0.00	28.71 1.26 0.00	28.28 1.11 0.01	27.13 1.14 0.00	30.01 1.67 0.00	33.74 1.91 0.00	39.39 2.99 0.00	51.05 3.91 0.00	57.58 4.56 0.00	53.17 4.79 0.00	44.01 3.72 -2.71	37.03 3.18 0.00	33.79 2.36 0.00
HOLTSVILLE_IC_2 23691	36.21 1.66 0.00	34.22 1.54 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.09 1.40 0.00	36.45 2.42 0.00	54.31 2.98 0.00	64.07 3.45 0.00	50.32 3.11 0.00	36.39 1.76 0.00	33.42 1.44 0.00	29.89 1.40 0.00	28.65 1.21 0.00	28.25 1.09 0.01	27.10 1.12 0.00	30.01 1.67 0.00	33.74 1.91 0.00	39.32 2.91 0.00	50.82 3.68 0.00	57.31 4.29 0.00	52.82 4.45 0.00	43.82 3.53 -2.71	36.86 3.01 0.00	33.66 2.23 0.00
HOLTSVILLE_IC_3 23692	36.21 1.66 0.00	34.22 1.54 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.09 1.40 0.00	36.45 2.42 0.00	54.31 2.98 0.00	64.07 3.45 0.00	50.32 3.11 0.00	36.39 1.76 0.00	33.42 1.44 0.00	29.89 1.40 0.00	28.65 1.21 0.00	28.25 1.09 0.01	27.10 1.12 0.00	30.01 1.67 0.00	33.74 1.91 0.00	39.32 2.91 0.00	50.82 3.68 0.00	57.31 4.29 0.00	52.82 4.45 0.00	43.82 3.53 -2.71	36.86 3.01 0.00	33.66 2.23 0.00
HOLTSVILLE_IC_4 23693	36.21 1.66 0.00	34.22 1.54 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.09 1.40 0.00	36.45 2.42 0.00	54.31 2.98 0.00	64.07 3.45 0.00	50.32 3.11 0.00	36.39 1.76 0.00	33.42 1.44 0.00	29.89 1.40 0.00	28.65 1.21 0.00	28.25 1.09 0.01	27.10 1.12 0.00	30.01 1.67 0.00	33.74 1.91 0.00	39.32 2.91 0.00	50.82 3.68 0.00	57.31 4.29 0.00	52.82 4.45 0.00	43.82 3.53 -2.71	36.86 3.01 0.00	33.66 2.23 0.00
HOLTSVILLE_IC_5 23694	36.21 1.66 0.00	34.22 1.54 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.09 1.40 0.00	36.45 2.42 0.00	54.31 2.98 0.00	64.07 3.45 0.00	50.32 3.11 0.00	36.39 1.76 0.00	33.42 1.44 0.00	29.89 1.40 0.00	28.65 1.21 0.00	28.25 1.09 0.01	27.10 1.12 0.00	30.01 1.67 0.00	33.74 1.91 0.00	39.32 2.91 0.00	50.82 3.68 0.00	57.31 4.29 0.00	52.82 4.45 0.00	43.82 3.53 -2.71	36.86 3.01 0.00	33.66 2.23 0.00
HOLTSVILLE_IC_6 23695	36.31 1.76 0.00	34.32 1.63 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.19 1.50 0.00	36.59 2.55 0.00	54.57 3.24 0.00	64.31 3.70 0.00	50.51 3.30 0.00	36.46 1.83 0.00	33.48 1.50 0.00	29.94 1.45 0.00	28.71 1.26 0.00	28.28 1.11 0.01	27.13 1.14 0.00	30.01 1.67 0.00	33.74 1.91 0.00	39.39 2.99 0.00	51.05 3.91 0.00	57.58 4.56 0.00	53.17 4.79 0.00	44.01 3.72 -2.71	37.03 3.18 0.00	33.79 2.36 0.00
HOLTSVILLE_IC_7 23696	36.31 1.76 0.00	34.32 1.63 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.19 1.50 0.00	36.59 2.55 0.00	54.57 3.24 0.00	64.31 3.70 0.00	50.51 3.30 0.00	36.46 1.83 0.00	33.48 1.50 0.00	29.94 1.45 0.00	28.71 1.26 0.00	28.28 1.11 0.01	27.13 1.14 0.00	30.01 1.67 0.00	33.74 1.91 0.00	39.39 2.99 0.00	51.05 3.91 0.00	57.58 4.56 0.00	53.17 4.79 0.00	44.01 3.72 -2.71	37.03 3.18 0.00	33.79 2.36 0.00
HOLTSVILLE_IC_8 23697	36.31 1.76 0.00	34.32 1.63 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.19 1.50 0.00	36.59 2.55 0.00	54.57 3.24 0.00	64.31 3.70 0.00	50.51 3.30 0.00	36.46 1.83 0.00	33.48 1.50 0.00	29.94 1.45 0.00	28.71 1.26 0.00	28.28 1.11 0.01	27.13 1.14 0.00	30.01 1.67 0.00	33.74 1.91 0.00	39.39 2.99 0.00	51.05 3.91 0.00	57.58 4.56 0.00	53.17 4.79 0.00	44.01 3.72 -2.71	37.03 3.18 0.00	33.79 2.36 0.00
HOLTSVILLE_IC_9 23698	36.31 1.76 0.00	34.32 1.63 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.19 1.50 0.00	36.59 2.55 0.00	54.57 3.24 0.00	64.31 3.70 0.00	50.51 3.30 0.00	36.46 1.83 0.00	33.48 1.50 0.00	29.94 1.45 0.00	28.71 1.26 0.00	28.28 1.11 0.01	27.13 1.14 0.00	30.01 1.67 0.00	33.74 1.91 0.00	39.39 2.99 0.00	51.05 3.91 0.00	57.58 4.56 0.00	53.17 4.79 0.00	44.01 3.72 -2.71	37.03 3.18 0.00	33.79 2.36 0.00
HOMER_HL_115KV_TB2 355744	33.17 -1.38 0.00	30.92 -1.76 0.00	30.21 -1.49 0.00	30.35 -1.63 0.00	31.05 -1.63 0.00	32.74 -1.29 0.00	48.56 -2.77 0.00	56.98 -3.64 0.00	43.85 -3.35 0.00	32.79 -1.83 0.00	30.25 -1.73 0.00	26.90 -1.60 0.00	25.80 -1.65 0.00	25.54 -1.63 0.00	24.32 -1.66 0.00	26.27 -2.07 0.00	29.41 -2.42 0.00	33.57 -2.84 0.00	42.76 -4.38 0.00	47.96 -5.04 0.02	42.37 -4.60 1.41	34.08 -3.49 0.00	31.21 -2.64 0.00	29.32 -2.11 0.00
HOWARD_WT_PWR 323690	33.34 -1.21 0.00	31.21 -1.47 0.00	30.40 -1.30 0.00	30.54 -1.44 0.00	31.38 -1.31 0.00	32.95 -1.09 0.00	49.13 -2.21 0.00	57.65 -2.97 0.00	44.37 -2.83 0.00	32.75 -1.87 0.00	30.13 -1.86 0.00	26.64 -1.85 0.00	25.42 -2.03 0.00	25.00 -2.17 0.00	23.73 -2.26 0.00	25.67 -2.66 0.00	28.94 -2.90 0.00	33.13 -3.28 0.00	42.94 -4.24 -0.04	47.99 -5.19 -0.16	47.03 -4.79 -3.44	34.19 -3.49 -0.11	30.74 -3.11 0.00	28.79 -2.64 0.00

HQ_GEN_CEDARS 23644	34.69 0.14 0.00	32.88 0.20 0.00	31.86 0.16 0.00	32.14 0.16 0.00	32.85 0.16 0.00	33.73 -0.31 0.00	51.49 0.15 0.00	60.74 0.12 0.00	47.30 0.09 0.00	34.55 -0.07 0.00	32.01 0.03 0.00	28.52 0.03 0.00	27.42 -0.03 0.00	27.12 -0.05 0.00	25.86 -0.13 0.00	28.11 -0.23 0.00	31.55 -0.29 0.00	36.01 -0.40 0.00	46.58 -0.57 0.00	52.39 -0.64 0.00	47.89 -0.48 0.00	37.13 -0.45 0.00	35.07 -0.41 -1.62	32.85 -0.41 -1.83
HQ_GEN_CEDARS_PROXY 323590	34.69 0.14 0.00	32.88 0.20 0.00	31.86 0.16 0.00	32.14 0.16 0.00	32.88 0.20 0.00	33.73 -0.31 0.00	51.44 0.10 0.00	60.68 0.06 0.00	47.30 0.09 0.00	34.52 -0.10 0.00	32.01 0.03 0.00	28.52 0.03 0.00	27.42 -0.03 0.00	27.12 -0.05 0.00	25.86 -0.13 0.00	28.08 -0.26 0.00	31.55 -0.29 0.00	36.01 -0.40 0.00	46.63 -0.52 0.00	52.39 -0.63 0.00	47.84 -0.53 0.00	37.13 -0.45 0.00	35.07 -0.40 -1.62	32.85 -0.41 -1.83
HQ_GEN_IMPORT 323601	34.65 0.10 0.00	32.78 0.10 0.00	31.80 0.10 0.00	32.07 0.10 0.00	57.96 0.07 -25.21	6.75 -0.31 26.98	53.10 0.00 -1.77	60.56 -0.06 0.00	47.25 0.05 0.00	34.62 0.00 0.00	32.01 0.03 0.00	28.52 0.03 0.00	27.48 0.03 0.00	27.17 0.00 0.00	25.94 -0.05 0.00	28.25 -0.08 0.00	31.71 -0.13 0.00	36.23 -0.18 0.00	46.91 -0.23 0.00	52.65 -0.37 0.00	48.09 -0.29 0.00	37.32 -0.26 0.00	33.65 -0.20 0.00	31.21 -0.22 0.00
HQ_GEN_WHEEL 23651	34.65 0.10 0.00	32.78 0.10 0.00	31.80 0.10 0.00	32.07 0.10 0.00	57.96 0.07 -25.21	6.75 -0.31 26.98	53.10 0.00 -1.77	60.56 -0.06 0.00	47.25 0.05 0.00	34.62 0.00 0.00	32.01 0.03 0.00	28.52 0.03 0.00	27.48 0.03 0.00	27.17 0.00 0.00	25.94 -0.05 0.00	28.25 -0.08 0.00	31.71 -0.13 0.00	36.23 -0.18 0.00	46.91 -0.23 0.00	52.65 -0.37 0.00	48.09 -0.29 0.00	37.32 -0.26 0.00	33.65 -0.20 0.00	31.21 -0.22 0.00
HUDSON AVE_GT_3 23810	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.50 3.88 0.00	50.41 3.21 0.00	37.08 2.46 0.00	34.03 2.05 0.00	30.46 1.97 0.00	29.34 1.89 0.00	29.07 1.90 0.00	27.86 1.87 0.00	30.43 2.10 0.00	34.09 2.26 0.00	39.28 2.88 0.00	50.92 3.77 0.00	57.21 4.19 0.00	52.15 3.77 0.00	40.44 2.86 0.00	36.36 2.51 0.00	33.60 2.17 0.00
HUDSON AVE_GT_4 23540	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.50 3.88 0.00	50.41 3.21 0.00	37.08 2.46 0.00	34.03 2.05 0.00	30.46 1.97 0.00	29.34 1.89 0.00	29.07 1.90 0.00	27.86 1.87 0.00	30.43 2.10 0.00	34.09 2.26 0.00	39.28 2.88 0.00	50.92 3.77 0.00	57.21 4.19 0.00	52.15 3.77 0.00	40.44 2.86 0.00	36.36 2.51 0.00	33.60 2.17 0.00
HUDSON AVE_GT_5 23657	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.50 3.88 0.00	50.41 3.21 0.00	37.08 2.46 0.00	34.03 2.05 0.00	30.46 1.97 0.00	29.34 1.89 0.00	29.07 1.90 0.00	27.86 1.87 0.00	30.43 2.10 0.00	34.09 2.26 0.00	39.28 2.88 0.00	50.92 3.77 0.00	57.21 4.19 0.00	52.15 3.77 0.00	40.44 2.86 0.00	36.36 2.51 0.00	33.60 2.17 0.00
HUDSON_AVE_10 24168	36.14 1.59 0.00	34.22 1.54 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.22 1.54 0.00	36.05 2.01 0.00	54.31 2.98 0.00	64.50 3.88 0.00	50.41 3.21 0.00	37.08 2.46 0.00	34.03 2.05 0.00	30.46 1.97 0.00	29.34 1.89 0.00	29.07 1.90 0.00	27.86 1.87 0.00	30.43 2.10 0.00	34.09 2.26 0.00	39.28 2.88 0.00	50.92 3.77 0.00	57.21 4.19 0.00	52.15 3.77 0.00	40.44 2.86 0.00	36.36 2.51 0.00	33.60 2.17 0.00
HUDSON___115KV_TB 4 355613	35.55 1.00 0.00	33.73 1.05 0.00	32.71 1.01 0.00	33.00 1.02 0.00	33.80 1.11 0.00	35.47 1.43 0.00	53.33 2.00 0.00	62.92 2.30 0.00	48.81 1.60 0.00	35.52 0.90 0.00	32.62 0.64 0.00	29.03 0.54 0.00	27.94 0.49 0.00	27.71 0.54 0.00	26.56 0.57 0.00	29.10 0.77 0.00	32.79 0.96 0.00	37.83 1.42 0.00	49.08 1.93 0.00	55.35 2.33 0.00	50.55 2.18 0.00	39.27 1.69 0.00	35.34 1.49 0.00	32.81 1.38 0.00
HUNTER MOUNT___DRP 323613	35.65 1.11 0.00	33.83 1.14 0.00	32.84 1.14 0.00	33.13 1.15 0.00	33.93 1.24 0.00	35.60 1.57 0.00	53.54 2.21 0.00	63.16 2.55 0.00	48.95 1.75 0.00	35.52 0.90 0.00	32.59 0.61 0.00	28.98 0.48 0.00	27.89 0.44 0.00	27.66 0.49 0.00	26.53 0.55 0.00	29.07 0.74 0.00	32.79 0.96 0.00	37.86 1.46 0.00	49.22 2.07 0.00	55.51 2.49 0.00	50.65 2.27 0.00	39.42 1.84 0.00	35.44 1.59 0.00	32.91 1.48 0.00
HUNTINGTON_RES_REC 323705	36.27 1.73 0.00	34.29 1.60 0.00	33.13 1.43 0.00	33.48 1.50 0.00	34.16 1.47 0.00	36.42 2.38 0.00	54.10 2.77 0.00	63.83 3.21 0.00	50.32 3.11 0.00	36.49 1.87 0.00	33.52 1.54 0.00	30.00 1.51 0.00	28.79 1.34 0.00	28.44 1.28 0.01	27.29 1.30 0.00	30.12 1.79 0.00	33.87 2.04 0.00	39.47 3.06 0.00	50.77 3.63 0.00	57.26 4.24 0.00	52.63 4.26 0.00	43.86 3.57 -2.71	36.86 3.01 0.00	33.72 2.29 0.00
HUNTLEY___63 23557	32.65 -1.90 0.00	30.40 -2.29 0.00	29.80 -1.90 0.00	29.90 -2.08 0.00	30.56 -2.12 0.00	32.23 -1.80 0.00	47.23 -4.11 0.00	55.10 -5.52 0.00	42.77 -4.44 0.00	32.06 -2.56 0.00	29.68 -2.30 0.00	26.38 -2.11 0.00	25.33 -2.11 0.00	25.13 -2.04 0.00	23.93 -2.05 0.00	25.84 -2.49 0.00	28.94 -2.90 0.00	32.98 -3.42 0.00	42.14 -5.00 0.01	47.23 -5.73 0.07	40.68 -5.22 2.47	33.64 -3.91 0.03	30.60 -3.25 0.00	28.82 -2.61 0.00
HUNTLEY___64 23558	32.65 -1.90 0.00	30.40 -2.29 0.00	29.80 -1.90 0.00	29.90 -2.08 0.00	30.56 -2.12 0.00	32.23 -1.80 0.00	47.23 -4.11 0.00	55.10 -5.52 0.00	42.77 -4.44 0.00	32.06 -2.56 0.00	29.68 -2.30 0.00	26.38 -2.11 0.00	25.33 -2.11 0.00	25.13 -2.04 0.00	23.93 -2.05 0.00	25.84 -2.49 0.00	28.94 -2.90 0.00	32.98 -3.42 0.00	42.14 -5.00 0.01	47.23 -5.73 0.07	40.68 -5.22 2.47	33.64 -3.91 0.03	30.60 -3.25 0.00	28.82 -2.61 0.00
HUNTLEY___65 23559	32.65 -1.90 0.00	30.40 -2.29 0.00	29.80 -1.90 0.00	29.90 -2.08 0.00	30.56 -2.12 0.00	32.23 -1.80 0.00	47.23 -4.11 0.00	55.10 -5.52 0.00	42.77 -4.44 0.00	32.06 -2.56 0.00	29.68 -2.30 0.00	26.38 -2.11 0.00	25.33 -2.11 0.00	25.13 -2.04 0.00	23.93 -2.05 0.00	25.84 -2.49 0.00	28.94 -2.90 0.00	32.98 -3.42 0.00	42.14 -5.00 0.01	47.23 -5.73 0.07	40.68 -5.22 2.47	33.64 -3.91 0.03	30.60 -3.25 0.00	28.82 -2.61 0.00
HUNTLEY___66 23560	32.65 -1.90 0.00	30.40 -2.29 0.00	29.80 -1.90 0.00	29.90 -2.08 0.00	30.56 -2.12 0.00	32.23 -1.80 0.00	47.23 -4.11 0.00	55.10 -5.52 0.00	42.77 -4.44 0.00	32.06 -2.56 0.00	29.68 -2.30 0.00	26.38 -2.11 0.00	25.33 -2.11 0.00	25.13 -2.04 0.00	23.93 -2.05 0.00	25.84 -2.49 0.00	28.94 -2.90 0.00	32.98 -3.42 0.00	42.14 -5.00 0.01	47.23 -5.73 0.07	40.68 -5.22 2.47	33.64 -3.91 0.03	30.60 -3.25 0.00	28.82 -2.61 0.00

HUNTLEY___67 23561	32.47 -2.07 0.00	30.27 -2.42 0.00	29.67 -2.03 0.00	29.77 -2.21 0.00	30.40 -2.29 0.00	32.06 -1.97 0.00	46.97 -4.36 0.00	54.80 -5.82 0.00	42.58 -4.63 0.00	31.89 -2.74 0.00	29.55 -2.43 0.00	26.27 -2.22 0.00	25.25 -2.20 0.00	25.05 -2.12 0.00	23.83 -2.16 0.00	25.76 -2.58 0.00	28.84 -2.99 0.00	32.84 -3.57 0.00	42.00 -5.14 0.01	47.02 -5.94 0.06	40.54 -5.42 2.42	33.50 -4.06 0.03	30.50 -3.35 0.00	28.73 -2.70 0.00
HUNTLEY___68 23562	32.47 -2.07 0.00	30.27 -2.42 0.00	29.67 -2.03 0.00	29.77 -2.21 0.00	30.40 -2.29 0.00	32.06 -1.97 0.00	46.97 -4.36 0.00	54.80 -5.82 0.00	42.58 -4.63 0.00	31.89 -2.74 0.00	29.55 -2.43 0.00	26.27 -2.22 0.00	25.25 -2.20 0.00	25.05 -2.12 0.00	23.83 -2.16 0.00	25.76 -2.58 0.00	28.84 -2.99 0.00	32.84 -3.57 0.00	42.00 -5.14 0.01	47.02 -5.94 0.06	40.54 -5.42 2.42	33.50 -4.06 0.03	30.50 -3.35 0.00	28.73 -2.70 0.00
HYLAND___LFGE 323620	34.31 -0.24 0.00	32.06 -0.62 0.00	31.23 -0.47 0.00	31.40 -0.57 0.00	32.26 -0.43 0.00	33.94 -0.10 0.00	50.72 -0.61 0.00	59.40 -1.21 0.00	45.36 -1.84 0.00	33.31 -1.32 0.00	30.48 -1.50 0.00	26.98 -1.51 0.00	25.72 -1.73 0.00	25.43 -1.74 0.00	24.30 -1.69 0.00	26.38 -1.95 0.00	29.86 -1.97 0.00	34.48 -1.93 0.00	45.02 -2.17 -0.04	51.21 -2.01 -0.20	51.94 -1.69 -5.26	36.42 -1.28 -0.12	32.57 -1.29 0.00	30.42 -1.01 0.00
INDECK___CORINTH 23802	34.96 0.42 0.00	33.11 0.42 0.00	32.11 0.41 0.00	32.46 0.48 0.00	33.24 0.56 0.00	34.96 0.92 0.00	52.82 1.49 0.00	62.43 1.82 0.00	48.29 1.09 0.00	34.80 0.17 0.00	31.98 0.00 0.00	28.38 -0.11 0.00	27.31 -0.14 0.00	27.04 -0.14 0.00	25.99 0.00 0.00	28.51 0.17 0.00	32.22 0.38 0.00	37.35 0.94 0.00	48.42 1.27 0.00	54.67 1.65 0.00	49.92 1.55 0.00	38.78 1.20 0.00	34.80 0.95 0.00	32.22 0.79 0.00
INDECK___ILION 23567	34.55 0.00 0.00	32.72 0.03 0.00	31.70 0.00 0.00	31.98 0.00 0.00	32.68 0.00 0.00	34.14 0.10 0.00	51.43 0.10 0.00	60.68 0.06 0.00	47.16 -0.05 0.00	34.48 -0.14 0.00	31.85 -0.13 0.00	28.38 -0.11 0.00	27.37 -0.08 0.00	27.09 -0.08 0.00	25.88 -0.10 0.00	28.25 -0.09 0.00	31.74 -0.10 0.00	36.37 -0.04 0.00	47.10 -0.05 0.00	52.97 -0.05 0.00	48.33 -0.05 0.00	37.54 -0.04 0.00	33.75 -0.10 0.00	31.27 -0.16 0.00
INDECK___OLEAN 23982	33.23 -1.31 0.00	30.95 -1.73 0.00	30.21 -1.49 0.00	30.35 -1.63 0.00	31.18 -1.50 0.00	32.74 -1.29 0.00	48.56 -2.77 0.00	56.98 -3.64 0.00	43.90 -3.31 0.00	32.79 -1.84 0.00	30.29 -1.70 0.00	26.90 -1.59 0.00	25.83 -1.62 0.00	25.54 -1.63 0.00	24.32 -1.66 0.00	26.18 -2.15 0.00	29.41 -2.42 0.00	33.57 -2.84 0.00	43.47 -3.68 0.00	47.96 -5.04 0.02	42.37 -4.60 1.41	34.09 -3.49 0.00	31.14 -2.71 0.00	29.32 -2.11 0.00
INDECK___OSWEGO 23783	33.65 -0.90 0.00	31.77 -0.91 0.00	30.85 -0.85 0.00	31.08 -0.90 0.00	31.83 -0.85 0.00	33.29 -0.75 0.00	49.95 -1.38 0.00	58.98 -1.63 0.00	45.83 -1.37 0.00	33.72 -0.90 0.00	31.21 -0.77 0.00	27.75 -0.74 0.00	26.71 -0.74 0.00	26.44 -0.73 0.00	25.29 -0.70 0.00	27.54 -0.79 0.00	31.01 -0.83 0.00	35.17 -1.24 0.00	45.54 -1.60 0.00	51.27 -1.75 0.00	46.78 -1.60 0.00	36.34 -1.24 0.00	32.74 -1.12 0.00	30.52 -0.91 0.00
INDECK___YERKES 23781	32.75 -1.80 0.00	30.56 -2.12 0.00	29.86 -1.84 0.00	29.96 -2.01 0.00	30.85 -1.83 0.00	32.27 -1.77 0.00	47.43 -3.90 0.00	55.34 -5.27 0.00	43.05 -4.15 0.00	32.16 -2.46 0.00	29.78 -2.21 0.00	26.47 -2.02 0.00	25.42 -2.03 0.00	25.21 -1.96 0.00	23.99 -2.00 0.00	25.79 -2.55 0.00	29.03 -2.80 0.00	32.98 -3.42 0.00	42.47 -4.67 0.01	47.28 -5.67 0.07	40.73 -5.18 2.47	33.68 -3.87 0.03	30.57 -3.28 0.00	28.85 -2.58 0.00
INDIAN POINT_GT_1 24139	35.76 1.21 0.00	33.89 1.21 0.00	32.78 1.08 0.00	33.06 1.09 0.00	33.89 1.21 0.00	35.67 1.63 0.00	53.69 2.36 0.00	63.65 3.03 0.00	49.66 2.45 0.00	36.46 1.83 0.00	33.45 1.47 0.00	29.92 1.42 0.00	28.82 1.37 0.00	28.56 1.39 0.00	27.39 1.40 0.00	29.92 1.59 0.00	33.55 1.72 0.00	38.66 2.26 0.00	50.16 3.02 0.00	56.41 3.39 0.00	51.42 3.05 0.00	39.95 2.37 0.00	35.88 2.03 0.00	33.16 1.73 0.00
INDIAN POINT_GT_2 23659	35.76 1.21 0.00	33.89 1.21 0.00	32.78 1.08 0.00	33.06 1.09 0.00	33.89 1.21 0.00	35.67 1.63 0.00	53.69 2.36 0.00	63.65 3.03 0.00	49.66 2.45 0.00	36.46 1.83 0.00	33.45 1.47 0.00	29.92 1.42 0.00	28.82 1.37 0.00	28.56 1.39 0.00	27.39 1.40 0.00	29.92 1.59 0.00	33.55 1.72 0.00	38.66 2.26 0.00	50.16 3.02 0.00	56.41 3.39 0.00	51.42 3.05 0.00	39.95 2.37 0.00	35.88 2.03 0.00	33.16 1.73 0.00
INDIAN POINT_GT_3 24019	35.76 1.21 0.00	33.89 1.21 0.00	32.78 1.08 0.00	33.06 1.09 0.00	33.89 1.21 0.00	35.67 1.63 0.00	53.69 2.36 0.00	63.65 3.03 0.00	49.66 2.45 0.00	36.46 1.83 0.00	33.45 1.47 0.00	29.92 1.42 0.00	28.82 1.37 0.00	28.56 1.39 0.00	27.39 1.40 0.00	29.92 1.59 0.00	33.55 1.72 0.00	38.66 2.26 0.00	50.16 3.02 0.00	56.41 3.39 0.00	51.42 3.05 0.00	39.95 2.37 0.00	35.88 2.03 0.00	33.16 1.73 0.00
INDIAN POINT___2 23530	35.62 1.07 0.00	33.70 1.01 0.00	32.62 0.92 0.00	32.94 0.96 0.00	33.66 0.98 0.00	35.50 1.46 0.00	53.28 1.95 0.00	63.16 2.55 0.00	49.23 2.03 0.00	36.14 1.52 0.00	33.23 1.25 0.00	29.72 1.22 0.00	28.65 1.21 0.00	28.39 1.22 0.00	27.21 1.22 0.00	29.75 1.42 0.00	33.33 1.50 0.00	38.48 2.07 0.00	49.88 2.73 0.00	56.15 3.13 0.00	51.18 2.80 0.00	39.76 2.18 0.00	35.75 1.89 0.00	33.00 1.57 0.00
INDIAN POINT___3 23531	35.79 1.24 0.00	33.89 1.21 0.00	32.78 1.08 0.00	33.10 1.12 0.00	33.89 1.21 0.00	35.67 1.63 0.00	53.69 2.36 0.00	63.71 3.09 0.00	49.70 2.50 0.00	36.46 1.83 0.00	33.48 1.50 0.00	29.92 1.42 0.00	28.85 1.40 0.00	28.56 1.39 0.00	27.39 1.40 0.00	29.92 1.59 0.00	33.59 1.75 0.00	38.70 2.29 0.00	50.16 3.02 0.00	56.41 3.39 0.00	51.47 3.10 0.00	39.95 2.37 0.00	35.88 2.03 0.00	33.16 1.73 0.00
INGHAM_C_115KV_TB7 356103	34.31 -0.24 0.00	32.46 -0.23 0.00	31.48 -0.22 0.00	31.72 -0.26 0.00	32.42 -0.26 0.00	33.83 -0.20 0.00	50.92 -0.41 0.00	60.07 -0.55 0.00	46.59 -0.61 0.00	34.03 -0.59 0.00	31.47 -0.51 0.00	28.06 -0.43 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.57 -0.42 0.00	27.91 -0.43 0.00	31.32 -0.51 0.00	35.82 -0.58 0.00	46.39 -0.75 0.00	52.17 -0.85 0.00	47.60 -0.77 0.00	36.94 -0.64 0.00	33.17 -0.68 0.00	30.74 -0.69 0.00
IP CORINTH___1 23988	35.13 0.59 0.00	33.27 0.59 0.00	32.27 0.57 0.00	32.65 0.67 0.00	33.44 0.75 0.00	35.16 1.12 0.00	53.18 1.85 0.00	62.86 2.24 0.00	48.67 1.46 0.00	35.11 0.48 0.00	32.21 0.22 0.00	28.58 0.09 0.00	27.48 0.03 0.00	27.23 0.05 0.00	26.14 0.16 0.00	28.68 0.34 0.00	32.44 0.60 0.00	37.57 1.17 0.00	48.70 1.56 0.00	54.98 1.96 0.00	50.17 1.79 0.00	38.97 1.39 0.00	34.97 1.12 0.00	32.37 0.94 0.00

IP___TICONDEROGA 23804	35.96 1.42 0.00	34.02 1.34 0.00	33.03 1.33 0.00	33.45 1.47 0.00	34.29 1.60 0.00	36.18 2.14 0.00	54.93 3.59 0.00	64.92 4.30 0.00	49.94 2.74 0.00	35.70 1.07 0.00	32.72 0.74 0.00	28.92 0.43 0.00	27.75 0.30 0.00	27.50 0.33 0.00	26.40 0.42 0.00	29.05 0.71 0.00	32.92 1.08 0.00	38.30 1.89 0.00	49.83 2.69 0.00	56.47 3.45 0.00	51.52 3.14 0.00	39.95 2.37 0.00	35.78 1.93 0.00	33.13 1.70 0.00
ISLIP_RES_REC 323679	36.45 1.90 0.00	34.42 1.73 0.00	33.28 1.58 0.00	33.67 1.69 0.00	34.29 1.60 0.00	36.73 2.69 0.00	54.77 3.44 0.00	64.62 4.00 0.00	50.70 3.49 0.00	36.56 1.94 0.00	33.58 1.60 0.00	30.03 1.54 0.00	28.79 1.34 0.00	28.36 1.19 0.01	27.21 1.22 0.00	30.10 1.76 0.00	33.87 2.04 0.00	39.54 3.13 0.00	51.24 4.10 0.00	57.85 4.82 0.00	53.36 4.98 0.00	44.20 3.91 -2.71	37.13 3.28 0.00	33.88 2.45 0.00
JAMAICA__27_KV_LOAD 355505	36.38 1.83 0.00	34.42 1.73 0.00	33.28 1.58 0.00	33.61 1.63 0.00	34.42 1.73 0.00	36.28 2.25 0.00	54.67 3.34 0.00	64.92 4.30 0.00	50.79 3.59 0.00	37.39 2.77 0.00	34.28 2.30 0.00	30.68 2.19 0.00	29.56 2.11 0.00	29.29 2.12 0.00	28.07 2.08 0.00	30.69 2.35 0.00	34.38 2.55 0.00	39.61 3.20 0.00	51.34 4.20 0.00	57.69 4.67 0.00	52.58 4.21 0.00	40.77 3.19 0.00	36.66 2.81 0.00	33.91 2.48 0.00
JANIS___SOLAR 323808	35.48 0.93 0.00	33.40 0.72 0.00	32.43 0.73 0.00	32.68 0.70 0.00	33.53 0.85 0.00	35.26 1.22 0.00	53.13 1.80 0.00	62.68 2.06 0.00	48.10 0.89 0.00	34.80 0.17 0.00	31.98 0.00 0.00	28.26 -0.23 0.00	27.17 -0.27 0.00	26.87 -0.30 0.00	25.68 -0.31 0.00	28.11 -0.23 0.00	31.87 0.03 0.00	36.66 0.26 0.00	47.90 0.75 0.00	53.93 0.85 -0.06	52.29 0.77 -3.15	38.15 0.56 -0.01	34.12 0.27 0.00	31.78 0.35 0.00
JARVIS____ 23743	34.65 0.10 0.00	32.78 0.10 0.00	31.80 0.10 0.00	32.07 0.10 0.00	32.82 0.13 0.00	34.28 0.24 0.00	51.59 0.26 0.00	60.92 0.30 0.00	47.44 0.24 0.00	34.69 0.07 0.00	32.05 0.06 0.00	28.55 0.06 0.00	27.50 0.06 0.00	27.25 0.08 0.00	26.07 0.08 0.00	28.45 0.11 0.00	31.99 0.16 0.00	36.66 0.26 0.00	47.48 0.33 0.00	53.44 0.42 0.00	48.76 0.39 0.00	37.88 0.30 0.00	34.09 0.24 0.00	31.62 0.19 0.00
JENNISON___1 23625	35.55 1.00 0.00	33.50 0.82 0.00	32.52 0.82 0.00	32.78 0.80 0.00	33.60 0.92 0.00	35.40 1.36 0.00	53.28 1.95 0.00	62.92 2.30 0.00	48.43 1.23 0.00	35.04 0.42 0.00	32.30 0.32 0.00	28.63 0.14 0.00	27.56 0.11 0.00	27.23 0.05 0.00	25.96 -0.03 0.00	28.39 0.06 0.00	32.03 0.19 0.00	36.88 0.47 0.00	47.99 0.85 0.00	54.09 1.06 -0.01	49.84 0.92 -0.55	38.26 0.68 0.00	34.26 0.41 0.00	31.87 0.44 0.00
JENNISON___2 23626	35.55 1.00 0.00	33.50 0.82 0.00	32.52 0.82 0.00	32.78 0.80 0.00	33.60 0.92 0.00	35.40 1.36 0.00	53.28 1.95 0.00	62.92 2.30 0.00	48.43 1.23 0.00	35.04 0.42 0.00	32.30 0.32 0.00	28.63 0.14 0.00	27.56 0.11 0.00	27.23 0.05 0.00	25.96 -0.03 0.00	28.39 0.06 0.00	32.03 0.19 0.00	36.88 0.47 0.00	47.99 0.85 0.00	54.09 1.06 -0.01	49.84 0.92 -0.55	38.26 0.68 0.00	34.26 0.41 0.00	31.87 0.44 0.00
JERICOHO_RISE_WT_PWR 323719	35.00 0.45 0.00	33.21 0.52 0.00	32.18 0.48 0.00	32.49 0.51 0.00	33.24 0.56 0.00	34.14 0.10 0.00	51.74 0.41 0.00	60.56 -0.06 0.00	47.39 0.19 0.00	34.83 0.21 0.00	32.33 0.35 0.00	28.80 0.31 0.00	27.67 0.22 0.00	27.23 0.05 0.00	25.81 -0.18 0.00	27.94 -0.40 0.00	31.29 -0.54 0.00	35.64 -0.77 0.00	46.06 -1.08 0.00	51.48 -1.54 0.00	46.83 -1.55 0.00	36.15 -1.43 0.00	-1.52 -1.32 34.05	-8.21 -1.29 38.35
KATONAH___115KV_46KV_TB4 355592	36.10 1.55 0.00	34.22 1.54 0.00	33.09 1.39 0.00	33.38 1.41 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.37 3.76 0.00	50.22 3.02 0.00	36.84 2.22 0.00	33.74 1.76 0.00	30.20 1.71 0.00	29.12 1.67 0.00	28.83 1.66 0.00	27.65 1.66 0.00	30.24 1.90 0.00	33.97 2.13 0.00	39.10 2.69 0.00	50.77 3.63 0.00	57.16 4.14 0.00	52.00 3.63 0.00	40.36 2.78 0.00	36.26 2.40 0.00	33.47 2.04 0.00
KCE_NY_1 323755	35.69 1.14 0.00	33.83 1.14 0.00	32.78 1.08 0.00	33.13 1.15 0.00	33.89 1.21 0.00	35.64 1.60 0.00	53.69 2.36 0.00	63.41 2.79 0.00	49.09 1.89 0.00	35.56 0.94 0.00	32.68 0.70 0.00	29.03 0.54 0.00	27.91 0.47 0.00	27.66 0.49 0.00	26.59 0.60 0.00	29.13 0.79 0.00	32.88 1.05 0.00	38.05 1.64 0.00	49.31 2.17 0.00	55.72 2.70 0.00	50.84 2.47 0.00	39.49 1.92 0.00	35.51 1.66 0.00	32.88 1.45 0.00
KCE_NY_6_ESR 323823	32.92 -1.62 0.00	30.72 -1.96 0.00	29.99 -1.71 0.00	30.12 -1.86 0.00	30.98 -1.70 0.00	32.47 -1.57 0.00	47.79 -3.54 0.00	55.89 -4.73 0.00	43.38 -3.82 0.00	32.44 -2.18 0.00	30.00 -1.98 0.00	26.64 -1.85 0.00	25.58 -1.87 0.00	25.38 -1.79 0.00	24.14 -1.84 0.00	25.96 -2.38 0.00	29.22 -2.61 0.00	33.20 -3.20 0.00	42.80 -4.34 0.01	47.50 -5.46 0.06	41.12 -4.98 2.28	33.80 -3.76 0.02	30.74 -3.11 0.00	29.01 -2.42 0.00
KEDC_PORT_JEFF_GT2 24210	36.38 1.83 0.00	34.35 1.67 0.00	33.22 1.52 0.00	33.58 1.60 0.00	34.22 1.54 0.00	36.62 2.59 0.00	54.57 3.24 0.00	64.38 3.76 0.00	50.41 3.21 0.00	36.35 1.73 0.00	33.39 1.41 0.00	29.97 1.48 0.00	28.77 1.32 0.00	28.30 1.14 0.01	27.18 1.20 0.00	30.10 1.76 0.00	33.87 2.04 0.00	39.50 3.09 0.00	51.10 3.96 0.00	57.63 4.61 0.00	53.21 4.84 0.00	44.09 3.79 -2.71	37.07 3.22 0.00	33.82 2.39 0.00
KEDC_PORT_JEFF_GT3 24211	36.38 1.83 0.00	34.35 1.67 0.00	33.22 1.52 0.00	33.58 1.60 0.00	34.22 1.54 0.00	36.62 2.59 0.00	54.57 3.24 0.00	64.38 3.76 0.00	50.41 3.21 0.00	36.35 1.73 0.00	33.39 1.41 0.00	29.97 1.48 0.00	28.77 1.32 0.00	28.30 1.14 0.01	27.18 1.20 0.00	30.10 1.76 0.00	33.87 2.04 0.00	39.50 3.09 0.00	51.10 3.96 0.00	57.63 4.61 0.00	53.21 4.84 0.00	44.09 3.79 -2.71	37.07 3.22 0.00	33.82 2.39 0.00
KEDC_GLWD_GT4 24219	36.34 1.80 0.00	34.35 1.67 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.22 1.54 0.00	36.35 2.32 0.00	54.26 2.92 0.00	64.25 3.64 0.00	50.41 3.21 0.00	36.73 2.11 0.00	33.80 1.82 0.00	30.23 1.74 0.00	29.07 1.62 0.00	28.74 1.58 0.01	27.57 1.59 0.00	30.32 1.98 0.00	34.03 2.19 0.00	39.50 3.09 0.00	51.01 3.87 0.00	57.48 4.45 0.00	52.58 4.21 0.00	43.68 3.38 -2.71	36.73 2.88 0.00	33.72 2.29 0.00
KEDC_GLWD_GT5 24220	36.34 1.80 0.00	34.35 1.67 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.22 1.54 0.00	36.35 2.32 0.00	54.26 2.92 0.00	64.25 3.64 0.00	50.41 3.21 0.00	36.73 2.11 0.00	33.80 1.82 0.00	30.23 1.74 0.00	29.07 1.62 0.00	28.74 1.58 0.01	27.57 1.59 0.00	30.32 1.98 0.00	34.03 2.19 0.00	39.50 3.09 0.00	51.01 3.87 0.00	57.48 4.45 0.00	52.58 4.21 0.00	43.68 3.38 -2.71	36.73 2.88 0.00	33.72 2.29 0.00

KENSICO____ 23655	35.96 1.42 0.00	34.06 1.37 0.00	32.94 1.24 0.00	33.26 1.28 0.00	34.06 1.37 0.00	35.88 1.84 0.00	54.00 2.67 0.00	64.01 3.39 0.00	49.99 2.78 0.00	36.70 2.08 0.00	33.68 1.70 0.00	30.11 1.62 0.00	29.01 1.56 0.00	28.75 1.58 0.00	27.57 1.59 0.00	30.12 1.79 0.00	33.78 1.94 0.00	38.92 2.51 0.00	50.49 3.35 0.00	56.79 3.76 0.00	51.76 3.39 0.00	40.17 2.59 0.00	36.09 2.23 0.00	33.35 1.92 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.83 1.28 0.00	33.89 1.21 0.00	32.78 1.08 0.00	33.06 1.09 0.00	33.89 1.21 0.00	35.71 1.67 0.00	53.85 2.52 0.00	63.77 3.15 0.00	49.66 2.45 0.00	36.28 1.66 0.00	33.23 1.25 0.00	29.66 1.17 0.00	28.63 1.18 0.00	28.37 1.20 0.00	27.18 1.20 0.00	29.73 1.39 0.00	33.36 1.53 0.00	38.55 2.15 0.00	50.11 2.97 0.00	56.41 3.39 0.00	51.42 3.05 0.00	39.95 2.37 0.00	35.81 1.96 0.00	33.13 1.70 0.00
KIAC_JFK_GT1 23816	36.21 1.66 0.00	34.25 1.57 0.00	33.13 1.43 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.11 2.08 0.00	54.36 3.03 0.00	64.56 3.94 0.00	50.51 3.30 0.00	37.18 2.56 0.00	34.12 2.14 0.00	30.54 2.05 0.00	29.42 1.98 0.00	29.15 1.98 0.00	27.94 1.95 0.00	30.55 2.21 0.00	34.22 2.39 0.00	39.43 3.02 0.00	51.06 3.91 0.00	57.37 4.35 0.00	52.29 3.92 0.00	40.55 2.97 0.00	36.49 2.64 0.00	33.75 2.33 0.00
KIAC_JFK_GT2 23817	36.21 1.66 0.00	34.25 1.57 0.00	33.13 1.43 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.11 2.08 0.00	54.36 3.03 0.00	64.56 3.94 0.00	50.51 3.30 0.00	37.18 2.56 0.00	34.12 2.14 0.00	30.54 2.05 0.00	29.42 1.98 0.00	29.15 1.98 0.00	27.94 1.95 0.00	30.55 2.21 0.00	34.22 2.39 0.00	39.43 3.02 0.00	51.06 3.91 0.00	57.37 4.35 0.00	52.29 3.92 0.00	40.55 2.97 0.00	36.49 2.64 0.00	33.75 2.33 0.00
KIAC_JFK____ 323774	36.14 1.59 0.00	34.22 1.54 0.00	33.13 1.43 0.00	33.45 1.47 0.00	34.16 1.47 0.00	36.08 2.04 0.00	54.15 2.82 0.00	64.25 3.64 0.00	50.27 3.07 0.00	37.01 2.39 0.00	34.03 2.05 0.00	30.48 1.99 0.00	29.37 1.92 0.00	29.10 1.93 0.00	27.86 1.87 0.00	30.52 2.18 0.00	34.13 2.29 0.00	39.47 3.06 0.00	51.01 3.87 0.00	57.37 4.35 0.00	52.25 3.87 0.00	40.55 2.97 0.00	36.63 2.78 0.00	33.75 2.33 0.00
KINTIGH____ 23543	32.51 -2.04 0.00	30.36 -2.32 0.00	29.73 -1.97 0.00	29.83 -2.14 0.00	30.46 -2.22 0.00	32.06 -1.97 0.00	47.12 -4.21 0.00	55.16 -5.46 0.00	42.86 -4.34 0.00	31.99 -2.63 0.00	29.65 -2.33 0.00	26.35 -2.14 0.00	25.36 -2.09 0.00	25.16 -2.01 0.00	23.96 -2.03 0.00	25.93 -2.41 0.00	29.06 -2.77 0.00	33.09 -3.31 0.00	42.56 -4.57 0.01	47.72 -5.25 0.05	41.69 -4.79 1.90	33.99 -3.57 0.02	30.77 -3.08 0.00	28.91 -2.51 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.72 1.17 0.00	33.89 1.21 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.96 1.27 0.00	34.99 0.95 0.00	52.56 1.23 0.00	61.10 0.48 0.00	48.05 0.85 0.00	35.45 0.83 0.00	32.97 0.99 0.00	29.35 0.85 0.00	28.16 0.71 0.00	27.69 0.52 0.00	26.17 0.18 0.00	28.25 -0.09 0.00	31.64 -0.19 0.00	35.97 -0.44 0.00	46.34 -0.80 0.00	51.80 -1.22 0.00	47.07 -1.31 0.00	36.19 -1.39 0.00	-0.02 -1.39 32.49	-6.42 -1.26 36.59
LACHUTE__HYDRO 323717	35.96 1.42 0.00	34.06 1.37 0.00	33.03 1.33 0.00	33.45 1.47 0.00	34.29 1.60 0.00	36.18 2.15 0.00	54.87 3.54 0.00	64.80 4.18 0.00	49.80 2.59 0.00	35.56 0.94 0.00	32.65 0.67 0.00	28.86 0.37 0.00	27.69 0.25 0.00	27.44 0.27 0.00	26.38 0.39 0.00	29.02 0.68 0.00	32.88 1.05 0.00	38.26 1.86 0.00	49.78 2.64 0.00	56.47 3.44 0.00	51.52 3.14 0.00	39.95 2.37 0.00	35.78 1.93 0.00	33.13 1.70 0.00
LAWRNCAL_115KV_TB1 80681	34.24 -0.31 0.00	32.46 -0.23 0.00	31.45 -0.25 0.00	31.72 -0.26 0.00	32.46 -0.23 0.00	33.29 -0.75 0.00	50.92 -0.41 0.00	60.07 -0.55 0.00	46.73 -0.47 0.00	34.03 -0.59 0.00	31.53 -0.45 0.00	28.06 -0.43 0.00	27.01 -0.44 0.00	26.68 -0.49 0.00	25.42 -0.57 0.00	27.63 -0.71 0.00	31.04 -0.80 0.00	35.46 -0.95 0.00	45.87 -1.27 0.00	51.64 -1.38 0.00	47.21 -1.16 0.00	36.60 -0.98 0.00	37.05 -0.95 -4.15	35.19 -0.91 -4.67
LEDERLE____ 23769	35.83 1.28 0.00	33.89 1.21 0.00	32.78 1.08 0.00	33.10 1.12 0.00	33.89 1.21 0.00	35.77 1.74 0.00	53.90 2.57 0.00	63.95 3.33 0.00	49.85 2.64 0.00	36.60 1.97 0.00	33.55 1.57 0.00	29.97 1.48 0.00	28.90 1.45 0.00	28.64 1.47 0.00	27.44 1.46 0.00	30.01 1.67 0.00	33.59 1.75 0.00	38.70 2.29 0.00	50.26 3.11 0.00	56.52 3.50 0.00	51.52 3.14 0.00	39.98 2.41 0.00	35.92 2.06 0.00	33.19 1.76 0.00
LIGHTHSE_115KV_TB6 355974	33.82 -0.73 0.00	31.93 -0.75 0.00	31.00 -0.70 0.00	31.24 -0.74 0.00	32.00 -0.69 0.00	33.49 -0.54 0.00	50.25 -1.08 0.00	59.34 -1.27 0.00	45.93 -1.27 0.00	33.58 -1.04 0.00	31.12 -0.86 0.00	27.64 -0.85 0.00	26.60 -0.85 0.00	26.30 -0.87 0.00	25.13 -0.86 0.00	27.46 -0.88 0.00	30.91 -0.92 0.00	35.31 -1.09 0.00	45.97 -1.18 0.00	51.85 -1.17 0.00	47.31 -1.06 0.00	36.75 -0.83 0.00	33.57 -0.91 -0.63	31.35 -0.79 -0.71
LINDEN COGEN____ 23786	35.93 1.38 0.00	33.96 1.27 0.00	32.87 1.17 0.00	33.22 1.25 0.00	33.93 1.24 0.00	35.84 1.80 0.00	53.80 2.46 0.00	63.77 3.15 0.00	49.94 2.74 0.00	36.70 2.08 0.00	33.74 1.76 0.00	30.23 1.74 0.00	29.15 1.70 0.00	28.91 1.74 0.00	27.68 1.69 0.00	30.29 1.95 0.00	33.84 2.01 0.00	39.10 2.69 0.00	50.58 3.44 0.00	56.84 3.82 0.00	51.81 3.44 0.00	40.21 2.63 0.00	36.09 2.23 0.00	33.38 1.95 0.00
LINDHRST_69_KV_BK1 356055	36.52 1.97 0.00	34.71 2.03 0.00	33.38 1.68 0.00	33.67 1.69 0.00	34.68 1.99 0.00	36.62 2.59 0.00	55.08 3.75 0.00	65.16 4.55 0.00	50.98 3.78 0.00	36.94 2.32 0.00	34.09 2.11 0.00	30.29 1.79 0.00	29.10 1.65 0.00	28.69 1.52 0.00	27.62 1.64 0.00	30.35 2.01 0.00	34.16 2.32 0.00	39.65 3.24 0.00	51.34 4.20 0.00	58.06 5.04 0.00	53.07 4.69 0.00	44.04 3.76 -2.71	36.97 3.11 0.00	33.91 2.48 0.00
LIPA_MISC_IPP 23656	36.03 1.49 0.00	34.51 1.83 0.00	33.00 1.30 0.00	33.29 1.31 0.00	34.55 1.86 0.00	36.42 2.38 0.00	54.98 3.64 0.00	64.74 4.12 0.00	50.60 3.40 0.00	36.39 1.77 0.00	33.68 1.70 0.00	29.74 1.25 0.00	28.46 1.02 0.00	27.93 0.76 0.00	26.87 0.88 0.00	29.78 1.45 0.00	33.55 1.72 0.00	39.03 2.62 0.00	50.59 3.44 0.00	57.58 4.56 0.00	52.87 4.50 0.00	43.74 3.46 -2.71	36.73 2.88 0.00	33.50 2.07 0.00
LISF__SOLAR 323691	36.03 1.48 0.00	34.06 1.37 0.00	32.97 1.27 0.00	33.32 1.34 0.00	33.93 1.24 0.00	36.45 2.42 0.00	54.31 2.98 0.00	63.83 3.21 0.00	50.27 3.07 0.00	36.14 1.52 0.00	33.17 1.18 0.00	29.63 1.14 0.00	28.35 0.90 0.00	27.84 0.68 0.01	26.71 0.73 0.00	29.75 1.42 0.00	33.49 1.65 0.00	39.10 2.69 0.00	50.58 3.44 0.00	57.10 4.08 0.00	52.97 4.60 0.00	43.82 3.53 -2.71	36.83 2.98 0.00	33.50 2.07 0.00

LITTLE FALLS___HYD 24013	34.31 -0.24 0.00	32.46 -0.23 0.00	31.48 -0.22 0.00	31.72 -0.26 0.00	32.42 -0.26 0.00	33.83 -0.20 0.00	50.92 -0.41 0.00	60.07 -0.55 0.00	46.59 -0.61 0.00	34.03 -0.59 0.00	31.47 -0.51 0.00	28.06 -0.43 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.57 -0.42 0.00	27.91 -0.43 0.00	31.32 -0.51 0.00	35.82 -0.58 0.00	46.39 -0.75 0.00	52.17 -0.85 0.00	47.60 -0.77 0.00	36.94 -0.64 0.00	33.17 -0.68 0.00	30.74 -0.69 0.00
LITTLRIV_115KV_TB1 356100	34.62 0.07 0.00	32.82 0.13 0.00	31.76 0.06 0.00	32.07 0.10 0.00	32.82 0.13 0.00	33.66 -0.37 0.00	51.64 0.31 0.00	60.86 0.24 0.00	47.25 0.05 0.00	34.28 -0.35 0.00	31.76 -0.22 0.00	28.23 -0.26 0.00	27.15 -0.30 0.00	26.84 -0.33 0.00	25.55 -0.44 0.00	27.77 -0.57 0.00	31.26 -0.57 0.00	35.75 -0.66 0.00	46.34 -0.80 0.00	52.28 -0.74 0.00	47.79 -0.58 0.00	37.02 -0.56 0.00	37.84 -0.58 -4.57	35.98 -0.60 -5.14
LI_NEWBRDGE___DRP 323616	36.07 1.52 0.00	34.25 1.57 0.00	33.00 1.30 0.00	33.29 1.31 0.00	34.22 1.54 0.00	36.11 2.08 0.00	54.26 2.93 0.00	64.19 3.58 0.00	50.32 3.12 0.00	36.63 2.01 0.00	33.74 1.76 0.00	30.06 1.57 0.00	28.90 1.45 0.00	28.56 1.39 0.00	27.44 1.46 0.00	30.09 1.76 0.00	33.84 2.01 0.00	39.17 2.77 0.00	50.63 3.49 0.00	57.10 4.08 0.00	52.20 3.82 0.00	43.37 3.08 -2.71	36.42 2.57 0.00	33.50 2.07 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.23 -2.31 0.00	30.04 -2.65 0.00	29.45 -2.25 0.00	29.55 -2.43 0.00	30.17 -2.52 0.00	31.83 -2.21 0.00	46.61 -4.72 0.00	54.37 -6.24 0.00	42.20 -5.00 0.00	31.58 -3.05 0.00	29.26 -2.72 0.00	26.01 -2.48 0.00	24.98 -2.47 0.00	24.81 -2.36 0.00	23.60 -2.39 0.00	25.50 -2.83 0.00	28.56 -3.28 0.00	32.55 -3.86 0.00	41.66 -5.47 0.01	46.69 -6.26 0.07	40.07 -5.71 2.60	33.30 -4.25 0.03	30.26 -3.59 0.00	28.51 -2.92 0.00
LOCKPORT___CC1 323769	32.30 -2.25 0.00	30.17 -2.52 0.00	29.48 -2.22 0.00	29.55 -2.43 0.00	30.40 -2.29 0.00	31.83 -2.21 0.00	46.76 -4.57 0.00	54.56 -6.06 0.00	42.39 -4.82 0.00	31.68 -2.94 0.00	29.30 -2.69 0.00	26.04 -2.45 0.00	25.01 -2.44 0.00	24.83 -2.34 0.00	23.62 -2.36 0.00	25.39 -2.95 0.00	28.62 -3.21 0.00	32.51 -3.89 0.00	41.85 -5.28 0.01	46.68 -6.26 0.08	39.66 -5.76 2.95	33.26 -4.28 0.04	30.16 -3.69 0.00	28.51 -2.92 0.00
LOCKPORT___CC2 323770	32.30 -2.25 0.00	30.17 -2.52 0.00	29.48 -2.22 0.00	29.55 -2.43 0.00	30.40 -2.29 0.00	31.83 -2.21 0.00	46.76 -4.57 0.00	54.56 -6.06 0.00	42.39 -4.82 0.00	31.68 -2.94 0.00	29.30 -2.69 0.00	26.04 -2.45 0.00	25.01 -2.44 0.00	24.83 -2.34 0.00	23.62 -2.36 0.00	25.39 -2.95 0.00	28.62 -3.21 0.00	32.51 -3.89 0.00	41.85 -5.28 0.01	46.68 -6.26 0.08	39.66 -5.76 2.95	33.26 -4.28 0.04	30.16 -3.69 0.00	28.51 -2.92 0.00
LOCKPORT___CC3 323771	32.30 -2.25 0.00	30.17 -2.52 0.00	29.48 -2.22 0.00	29.55 -2.43 0.00	30.40 -2.29 0.00	31.83 -2.21 0.00	46.76 -4.57 0.00	54.56 -6.06 0.00	42.39 -4.82 0.00	31.68 -2.94 0.00	29.30 -2.69 0.00	26.04 -2.45 0.00	25.01 -2.44 0.00	24.83 -2.34 0.00	23.62 -2.36 0.00	25.39 -2.95 0.00	28.62 -3.21 0.00	32.51 -3.89 0.00	41.85 -5.28 0.01	46.68 -6.26 0.08	39.66 -5.76 2.95	33.26 -4.28 0.04	30.16 -3.69 0.00	28.51 -2.92 0.00
LONG_LAKE_PHOENIX 24014	33.61 -0.93 0.00	31.74 -0.95 0.00	30.84 -0.86 0.00	31.08 -0.90 0.00	31.80 -0.88 0.00	33.29 -0.75 0.00	49.79 -1.54 0.00	58.80 -1.82 0.00	45.65 -1.56 0.00	33.62 -1.00 0.00	31.18 -0.80 0.00	27.72 -0.77 0.00	26.68 -0.77 0.00	26.38 -0.79 0.00	25.23 -0.75 0.00	27.54 -0.79 0.00	30.94 -0.89 0.00	35.21 -1.20 0.00	45.59 -1.56 0.00	51.27 -1.75 0.00	46.78 -1.60 0.00	36.34 -1.24 0.00	32.73 -1.12 0.00	30.49 -0.94 0.00
LOVETT___3 23632	35.72 1.17 0.00	33.83 1.14 0.00	32.71 1.01 0.00	33.03 1.06 0.00	33.83 1.14 0.00	35.60 1.57 0.00	53.59 2.26 0.00	63.59 2.97 0.00	49.56 2.36 0.00	36.42 1.80 0.00	33.42 1.44 0.00	29.89 1.40 0.00	28.79 1.34 0.00	28.53 1.36 0.00	27.34 1.35 0.00	29.87 1.53 0.00	33.49 1.66 0.00	38.59 2.18 0.00	50.07 2.92 0.00	56.31 3.29 0.00	51.33 2.95 0.00	39.87 2.29 0.00	35.81 1.96 0.00	33.09 1.67 0.00
LOVETT___4 23642	35.72 1.17 0.00	33.83 1.14 0.00	32.71 1.01 0.00	33.03 1.06 0.00	33.83 1.14 0.00	35.60 1.57 0.00	53.59 2.26 0.00	63.59 2.97 0.00	49.56 2.36 0.00	36.42 1.80 0.00	33.42 1.44 0.00	29.89 1.40 0.00	28.79 1.34 0.00	28.53 1.36 0.00	27.34 1.35 0.00	29.87 1.53 0.00	33.49 1.66 0.00	38.59 2.18 0.00	50.07 2.92 0.00	56.31 3.29 0.00	51.33 2.95 0.00	39.87 2.29 0.00	35.81 1.96 0.00	33.09 1.67 0.00
LOVETT___5 23593	35.72 1.17 0.00	33.83 1.14 0.00	32.71 1.01 0.00	33.03 1.06 0.00	33.83 1.14 0.00	35.60 1.57 0.00	53.59 2.26 0.00	63.59 2.97 0.00	49.56 2.36 0.00	36.42 1.80 0.00	33.42 1.44 0.00	29.89 1.40 0.00	28.79 1.34 0.00	28.53 1.36 0.00	27.34 1.35 0.00	29.87 1.53 0.00	33.49 1.66 0.00	38.59 2.18 0.00	50.07 2.92 0.00	56.31 3.29 0.00	51.33 2.95 0.00	39.87 2.29 0.00	35.81 1.96 0.00	33.09 1.67 0.00
LOWER RAQUET___HYD 24057	34.10 -0.45 0.00	32.33 -0.36 0.00	31.32 -0.38 0.00	31.63 -0.35 0.00	32.36 -0.33 0.00	33.19 -0.85 0.00	50.72 -0.61 0.00	59.83 -0.79 0.00	46.50 -0.71 0.00	33.83 -0.79 0.00	31.37 -0.61 0.00	27.92 -0.57 0.00	26.84 -0.60 0.00	26.52 -0.65 0.00	25.26 -0.73 0.00	27.46 -0.88 0.00	30.88 -0.95 0.00	35.28 -1.13 0.00	45.73 -1.41 0.00	51.43 -1.59 0.00	47.02 -1.35 0.00	36.45 -1.13 0.00	37.72 -1.08 -4.95	35.90 -1.10 -5.58
LOWER___HUDSON 24059	35.41 0.86 0.00	33.60 0.91 0.00	32.59 0.89 0.00	32.90 0.93 0.00	33.66 0.98 0.00	35.40 1.36 0.00	53.02 1.69 0.00	62.61 2.00 0.00	48.67 1.46 0.00	35.49 0.87 0.00	32.65 0.67 0.00	29.09 0.60 0.00	28.00 0.55 0.00	27.71 0.54 0.00	26.64 0.65 0.00	29.16 0.82 0.00	32.82 0.99 0.00	37.86 1.46 0.00	49.03 1.89 0.00	55.35 2.33 0.00	50.50 2.13 0.00	39.27 1.69 0.00	35.38 1.52 0.00	32.75 1.32 0.00
LOWVILLE_115KV_TB2 356335	34.51 -0.03 0.00	32.62 -0.07 0.00	31.64 -0.06 0.00	31.91 -0.06 0.00	32.72 0.03 0.00	33.77 -0.27 0.00	51.18 -0.15 0.00	60.43 -0.18 0.00	46.64 -0.57 0.00	33.72 -0.90 0.00	31.18 -0.80 0.00	27.66 -0.83 0.00	26.62 -0.82 0.00	26.36 -0.82 0.00	25.13 -0.86 0.00	27.49 -0.85 0.00	31.01 -0.83 0.00	35.64 -0.76 0.00	46.48 -0.66 0.00	52.60 -0.42 0.00	48.04 -0.34 0.00	37.24 -0.34 0.00	34.74 -0.58 -1.46	32.54 -0.53 -1.65
LUTHERFT_115KV_GLOB_FND_222 355753	35.69 1.14 0.00	33.80 1.11 0.00	32.78 1.08 0.00	33.13 1.15 0.00	33.89 1.21 0.00	35.64 1.60 0.00	53.74 2.41 0.00	63.53 2.91 0.00	49.23 2.03 0.00	35.63 1.00 0.00	32.72 0.74 0.00	29.06 0.57 0.00	27.94 0.49 0.00	27.69 0.52 0.00	26.61 0.62 0.00	29.16 0.82 0.00	32.92 1.08 0.00	38.04 1.64 0.00	49.36 2.22 0.00	55.67 2.65 0.00	50.79 2.42 0.00	39.46 1.88 0.00	35.48 1.62 0.00	32.87 1.45 0.00

LUTHERNY_35_KV_BK2 355980	35.69 1.14 0.00	33.80 1.11 0.00	32.78 1.08 0.00	33.13 1.15 0.00	33.93 1.24 0.00	35.64 1.60 0.00	53.80 2.46 0.00	63.53 2.91 0.00	49.23 2.03 0.00	35.66 1.04 0.00	32.72 0.74 0.00	29.09 0.60 0.00	27.94 0.49 0.00	27.71 0.54 0.00	26.61 0.62 0.00	29.16 0.82 0.00	32.92 1.08 0.00	38.08 1.67 0.00	49.36 2.22 0.00	55.73 2.70 0.00	50.84 2.47 0.00	39.50 1.92 0.00	35.51 1.66 0.00	32.87 1.45 0.00
LWR___OSWEGATCHIE_HYD 23850	33.89 -0.66 0.00	32.06 -0.62 0.00	31.07 -0.63 0.00	31.37 -0.61 0.00	32.13 -0.56 0.00	33.08 -0.95 0.00	50.41 -0.92 0.00	59.46 -1.15 0.00	46.07 -1.13 0.00	33.38 -1.25 0.00	30.93 -1.06 0.00	27.47 -1.03 0.00	26.43 -1.02 0.00	26.14 -1.03 0.00	24.90 -1.09 0.00	27.15 -1.19 0.00	30.56 -1.27 0.00	35.02 -1.38 0.00	45.59 -1.56 0.00	51.48 -1.54 0.00	47.02 -1.35 0.00	36.45 -1.13 0.00	36.02 -1.22 -3.38	34.08 -1.16 -3.81
LYONS_FALL_HYD 23570	34.72 0.17 0.00	32.82 0.13 0.00	31.83 0.13 0.00	32.11 0.13 0.00	32.91 0.23 0.00	34.14 0.10 0.00	51.64 0.31 0.00	61.04 0.43 0.00	47.20 0.00 0.00	34.21 -0.41 0.00	31.60 -0.38 0.00	28.06 -0.43 0.00	27.04 -0.41 0.00	26.76 -0.41 0.00	25.52 -0.47 0.00	27.91 -0.42 0.00	31.48 -0.35 0.00	36.15 -0.25 0.00	47.10 -0.05 0.00	53.18 0.16 0.00	48.52 0.15 0.00	37.65 0.08 0.00	34.70 -0.13 -0.99	32.38 -0.16 -1.11
MADISON___COUNTY_LFGE 323628	35.10 0.55 0.00	33.14 0.46 0.00	32.18 0.48 0.00	32.42 0.45 0.00	33.21 0.52 0.00	34.79 0.75 0.00	52.41 1.08 0.00	61.95 1.33 0.00	47.91 0.71 0.00	34.83 0.21 0.00	32.21 0.22 0.00	28.60 0.11 0.00	27.56 0.11 0.00	27.28 0.11 0.00	26.04 0.05 0.00	28.48 0.14 0.00	32.12 0.29 0.00	36.81 0.40 0.00	47.90 0.75 0.00	53.98 0.95 0.00	49.25 0.87 0.00	38.22 0.64 0.00	34.29 0.44 0.00	31.87 0.44 0.00
MALONE___115KV_TB1 356076	35.07 0.52 0.00	33.27 0.59 0.00	32.21 0.51 0.00	32.52 0.54 0.00	33.31 0.62 0.00	34.24 0.20 0.00	52.10 0.77 0.00	61.16 0.55 0.00	47.77 0.57 0.00	34.93 0.31 0.00	32.46 0.48 0.00	28.89 0.40 0.00	27.75 0.30 0.00	27.33 0.16 0.00	25.91 -0.08 0.00	28.05 -0.28 0.00	31.48 -0.35 0.00	35.86 -0.55 0.00	46.30 -0.85 0.00	51.91 -1.11 0.00	47.36 -1.02 0.00	36.60 -0.98 -21.15	54.02 -0.98 -23.82	54.25 -1.01
MAPLEWOD_115KV_TB3 80458	35.31 0.76 0.00	33.50 0.82 0.00	32.49 0.79 0.00	32.81 0.83 0.00	33.57 0.88 0.00	35.43 1.40 0.00	53.13 1.80 0.00	62.80 2.18 0.00	48.90 1.70 0.00	35.70 1.07 0.00	32.88 0.90 0.00	29.26 0.77 0.00	28.13 0.69 0.00	27.90 0.73 0.00	26.77 0.78 0.00	29.30 0.96 0.00	32.98 1.15 0.00	37.94 1.53 0.00	48.84 1.70 0.00	55.04 2.01 0.00	50.21 1.84 0.00	39.04 1.47 0.00	35.17 1.32 0.00	32.62 1.19 0.00
MAPLE_RIDGE_WT_1 323574	33.79 -0.76 0.00	31.97 -0.72 0.00	30.97 -0.73 0.00	31.24 -0.73 0.00	31.93 -0.75 0.00	33.12 -0.92 0.00	50.05 -1.28 0.00	59.10 -1.51 0.00	46.07 -1.13 0.00	33.76 -0.86 0.00	31.21 -0.77 0.00	27.84 -0.65 0.00	26.82 -0.63 0.00	26.52 -0.65 0.00	25.31 -0.68 0.00	27.57 -0.76 0.00	30.94 -0.89 0.00	35.39 -1.02 0.00	45.73 -1.41 0.00	51.32 -1.70 0.00	46.78 -1.60 0.00	36.30 -1.28 0.00	32.67 -1.19 0.00	30.30 -1.13 0.00
MAPLE_RIDGE_WT_2 323611	33.79 -0.76 0.00	31.97 -0.72 0.00	30.97 -0.73 0.00	31.24 -0.73 0.00	31.93 -0.75 0.00	33.12 -0.92 0.00	50.05 -1.28 0.00	59.10 -1.51 0.00	46.07 -1.13 0.00	33.76 -0.86 0.00	31.21 -0.77 0.00	27.84 -0.65 0.00	26.82 -0.63 0.00	26.52 -0.65 0.00	25.31 -0.68 0.00	27.57 -0.76 0.00	30.94 -0.89 0.00	35.39 -1.02 0.00	45.73 -1.41 0.00	51.32 -1.70 0.00	46.78 -1.60 0.00	36.30 -1.28 0.00	32.67 -1.19 0.00	30.30 -1.13 0.00
MARBLE_RIVER_WT_PWR 323696	35.62 1.07 0.00	33.80 1.11 0.00	32.78 1.08 0.00	33.10 1.12 0.00	33.93 1.24 0.00	34.89 0.85 0.00	52.26 0.92 0.00	60.56 -0.06 0.00	47.68 0.47 0.00	35.28 0.66 0.00	32.81 0.83 0.00	29.23 0.74 0.00	28.03 0.58 0.00	27.50 0.33 0.00	25.96 -0.03 0.00	27.97 -0.37 0.00	31.23 -0.61 0.00	35.46 -0.95 0.00	45.68 -1.46 0.00	50.85 -2.18 0.00	45.96 -2.42 0.00	35.25 -2.33 0.00	-0.61 -2.27 32.19	-7.00 -2.17 36.26
MARSHVLE_115KV_TB1 80742	36.27 1.73 0.00	34.25 1.57 0.00	33.22 1.52 0.00	33.61 1.63 0.00	34.42 1.73 0.00	36.52 2.48 0.00	55.34 4.00 0.00	64.80 4.18 0.00	49.61 2.41 0.00	35.38 0.76 0.00	32.43 0.45 0.00	28.58 0.09 0.00	27.70 0.25 0.00	27.50 0.33 0.00	26.46 0.47 0.00	29.07 0.74 0.00	33.04 1.21 0.00	38.52 2.11 0.00	50.07 2.92 0.00	56.68 3.66 0.00	51.67 3.29 0.00	40.02 2.44 0.00	35.85 2.00 0.00	33.19 1.76 0.00
MARSH_HILL_WT_PWR 323713	33.34 -1.21 0.00	31.21 -1.47 0.00	30.40 -1.30 0.00	30.54 -1.44 0.00	31.41 -1.28 0.00	32.95 -1.09 0.00	49.13 -2.21 0.00	57.65 -2.97 0.00	44.37 -2.83 0.00	32.75 -1.87 0.00	30.09 -1.89 0.00	26.64 -1.85 0.00	25.42 -2.03 0.00	25.00 -2.17 0.00	23.75 -2.24 0.00	25.67 -2.66 0.00	28.97 -2.87 0.00	33.17 -3.24 0.00	42.99 -4.20 -0.04	48.02 -5.19 -0.19	47.88 -4.74 -4.24	34.24 -3.46 -0.12	30.77 -3.08 0.00	28.85 -2.58 0.00
MCINTYRE_115KV_TB2 80467	34.96 0.41 0.00	33.14 0.46 0.00	32.11 0.41 0.00	32.42 0.45 0.00	33.14 0.46 0.00	34.00 -0.03 0.00	52.15 0.82 0.00	61.47 0.85 0.00	47.68 0.47 0.00	34.59 -0.03 0.00	32.05 0.06 0.00	28.49 0.00 0.00	27.39 -0.05 0.00	27.06 -0.11 0.00	25.78 -0.21 0.00	28.03 -0.31 0.00	31.55 -0.29 0.00	36.12 -0.29 0.00	46.86 -0.28 0.00	52.86 -0.16 0.00	48.33 -0.05 0.00	37.47 -0.11 0.00	37.58 -0.17 -3.90	35.60 -0.22 -4.39
MECO_____69_KV_BK1 80468	36.66 2.11 0.00	34.61 1.93 0.00	33.57 1.87 0.00	33.96 1.98 0.00	34.81 2.12 0.00	36.96 2.93 0.00	56.00 4.67 0.00	65.71 5.09 0.00	50.32 3.12 0.00	35.87 1.25 0.00	32.88 0.90 0.00	29.00 0.51 0.00	28.05 0.60 0.00	27.82 0.65 0.00	26.77 0.78 0.00	29.41 1.08 0.00	33.39 1.56 0.00	38.92 2.51 0.00	50.54 3.39 0.00	57.32 4.29 0.00	52.25 3.87 0.00	40.47 2.89 0.00	36.26 2.40 0.00	33.57 2.14 0.00
MENANDS___115KV_TB5 355628	35.20 0.66 0.00	33.40 0.72 0.00	32.40 0.70 0.00	32.71 0.74 0.00	33.47 0.78 0.00	35.16 1.12 0.00	52.72 1.39 0.00	62.31 1.70 0.00	48.57 1.37 0.00	35.52 0.90 0.00	32.72 0.74 0.00	29.15 0.66 0.00	28.02 0.58 0.00	27.80 0.62 0.00	26.66 0.68 0.00	29.16 0.82 0.00	32.82 0.99 0.00	37.68 1.27 0.00	48.70 1.56 0.00	54.82 1.80 0.00	50.02 1.64 0.00	38.89 1.32 0.00	35.07 1.22 0.00	32.53 1.10 0.00
MG INDUSTRY___DRP 24185	35.27 0.73 0.00	33.44 0.75 0.00	32.46 0.76 0.00	32.74 0.77 0.00	33.50 0.82 0.00	35.09 1.06 0.00	52.67 1.33 0.00	62.13 1.52 0.00	48.29 1.09 0.00	35.25 0.62 0.00	32.43 0.45 0.00	28.89 0.40 0.00	27.81 0.36 0.00	27.55 0.38 0.00	26.43 0.44 0.00	28.90 0.57 0.00	32.53 0.70 0.00	37.43 1.02 0.00	48.56 1.41 0.00	54.72 1.70 0.00	49.92 1.55 0.00	38.82 1.24 0.00	35.00 1.15 0.00	32.47 1.04 0.00

MID___OSWEGATCHIE_HYD 23849	33.89 -0.66 0.00	32.06 -0.62 0.00	31.07 -0.63 0.00	31.37 -0.61 0.00	32.13 -0.56 0.00	33.08 -0.95 0.00	50.41 -0.92 0.00	59.46 -1.15 0.00	46.07 -1.13 0.00	33.38 -1.25 0.00	30.93 -1.06 0.00	27.47 -1.03 0.00	26.43 -1.02 0.00	26.14 -1.03 0.00	24.90 -1.09 0.00	27.15 -1.19 0.00	30.56 -1.27 0.00	35.02 -1.38 0.00	45.59 -1.56 0.00	51.48 -1.54 0.00	47.02 -1.35 0.00	36.45 -1.13 0.00	36.02 -1.22 -3.38	34.08 -1.16 -3.81
MID___RAQUETTE_HYD 23851	34.10 -0.45 0.00	32.32 -0.36 0.00	31.32 -0.38 0.00	31.63 -0.35 0.00	32.32 -0.36 0.00	33.15 -0.88 0.00	50.72 -0.62 0.00	59.83 -0.79 0.00	46.54 -0.66 0.00	33.86 -0.76 0.00	31.41 -0.58 0.00	27.92 -0.57 0.00	26.84 -0.60 0.00	26.55 -0.62 0.00	25.26 -0.73 0.00	27.46 -0.88 0.00	30.88 -0.96 0.00	35.28 -1.13 0.00	45.68 -1.46 0.00	51.43 -1.59 0.00	47.02 -1.35 0.00	36.45 -1.13 0.00	37.72 -1.08 -4.95	35.90 -1.10 -5.58
MILLIKEN___1 23584	34.75 0.21 0.00	32.72 0.03 0.00	31.79 0.10 0.00	32.04 0.06 0.00	32.82 0.13 0.00	34.45 0.41 0.00	51.69 0.36 0.00	61.04 0.42 0.00	47.20 0.00 0.00	34.62 0.00 0.00	31.95 -0.03 0.00	28.35 -0.14 0.00	27.28 -0.16 0.00	26.98 -0.19 0.00	25.81 -0.18 0.00	28.17 -0.17 0.00	31.71 -0.13 0.00	36.30 -0.11 0.00	47.15 0.00 0.00	53.04 -0.05 -0.07	52.09 0.00 -3.71	37.55 -0.04 -0.01	33.75 -0.10 0.00	31.43 0.00 0.00
MILLIKEN___2 23585	34.75 0.21 0.00	32.72 0.03 0.00	31.79 0.10 0.00	32.04 0.06 0.00	32.82 0.13 0.00	34.45 0.41 0.00	51.69 0.36 0.00	61.04 0.42 0.00	47.20 0.00 0.00	34.62 0.00 0.00	31.95 -0.03 0.00	28.35 -0.14 0.00	27.28 -0.16 0.00	26.98 -0.19 0.00	25.81 -0.18 0.00	28.17 -0.17 0.00	31.71 -0.13 0.00	36.30 -0.11 0.00	47.15 0.00 0.00	53.04 -0.05 -0.07	52.09 0.00 -3.71	37.55 -0.04 -0.01	33.75 -0.10 0.00	31.43 0.00 0.00
MILLIKEN___DIESEL 23629	34.75 0.21 0.00	32.72 0.03 0.00	31.79 0.10 0.00	32.04 0.06 0.00	32.82 0.13 0.00	34.45 0.41 0.00	51.69 0.36 0.00	61.04 0.42 0.00	47.20 0.00 0.00	34.62 0.00 0.00	31.95 -0.03 0.00	28.35 -0.14 0.00	27.28 -0.16 0.00	26.98 -0.19 0.00	25.81 -0.18 0.00	28.17 -0.17 0.00	31.71 -0.13 0.00	36.30 -0.11 0.00	47.15 0.00 0.00	53.04 -0.05 -0.07	52.09 0.00 -3.71	37.55 -0.04 -0.01	33.75 -0.10 0.00	31.43 0.00 0.00
MILLSEAT___LFGE 323607	33.03 -1.52 0.00	30.85 -1.83 0.00	30.12 -1.58 0.00	30.22 -1.76 0.00	31.08 -1.60 0.00	32.57 -1.46 0.00	48.20 -3.13 0.00	56.37 -4.24 0.00	43.76 -3.44 0.00	32.51 -2.11 0.00	30.06 -1.92 0.00	26.67 -1.82 0.00	25.64 -1.81 0.00	25.43 -1.74 0.00	24.17 -1.82 0.00	26.07 -2.27 0.00	29.35 -2.48 0.00	33.49 -2.91 0.00	43.18 -3.96 0.01	48.40 -4.56 0.06	41.96 -4.21 2.21	34.44 -3.12 0.02	31.14 -2.71 0.00	29.29 -2.14 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.86 1.31 0.00	33.96 1.27 0.00	32.84 1.14 0.00	33.13 1.15 0.00	33.96 1.27 0.00	35.74 1.70 0.00	53.80 2.46 0.00	63.83 3.21 0.00	49.80 2.60 0.00	36.56 1.94 0.00	33.55 1.57 0.00	30.00 1.51 0.00	28.90 1.45 0.00	28.64 1.47 0.00	27.44 1.46 0.00	30.01 1.67 0.00	33.65 1.81 0.00	38.77 2.37 0.00	50.30 3.16 0.00	56.57 3.55 0.00	51.57 3.19 0.00	40.02 2.44 0.00	35.95 2.10 0.00	33.22 1.79 0.00
MILLWOOD_13_KV_LOAD 356217	35.93 1.38 0.00	34.02 1.34 0.00	32.90 1.20 0.00	33.22 1.25 0.00	34.02 1.34 0.00	35.84 1.80 0.00	53.95 2.62 0.00	63.95 3.33 0.00	49.89 2.69 0.00	36.63 2.01 0.00	33.61 1.63 0.00	30.06 1.57 0.00	28.96 1.51 0.00	28.69 1.52 0.00	27.52 1.53 0.00	30.07 1.73 0.00	33.74 1.91 0.00	38.85 2.44 0.00	50.44 3.30 0.00	56.73 3.71 0.00	51.67 3.29 0.00	40.13 2.56 0.00	36.05 2.20 0.00	33.28 1.85 0.00
MODEL_CITY_ENERGY 24167	31.99 -2.56 0.00	29.87 -2.81 0.00	29.19 -2.50 0.00	29.29 -2.69 0.00	30.13 -2.55 0.00	31.52 -2.52 0.00	46.30 -5.03 0.00	54.01 -6.61 0.00	41.96 -5.24 0.00	31.37 -3.26 0.00	29.04 -2.94 0.00	25.81 -2.68 0.00	24.79 -2.66 0.00	24.62 -2.56 0.00	23.44 -2.55 0.00	25.19 -3.15 0.00	28.37 -3.47 0.00	32.18 -4.22 0.00	41.43 -5.71 0.01	46.22 -6.73 0.07	39.64 -6.19 2.55	32.97 -4.59 0.03	29.89 -3.96 0.00	28.26 -3.17 0.00
MODERN_LFGE___ 323580	31.99 -2.56 0.00	29.87 -2.81 0.00	29.19 -2.50 0.00	29.29 -2.69 0.00	30.13 -2.55 0.00	31.52 -2.52 0.00	46.30 -5.03 0.00	54.01 -6.61 0.00	41.96 -5.24 0.00	31.37 -3.26 0.00	29.04 -2.94 0.00	25.81 -2.68 0.00	24.79 -2.66 0.00	24.62 -2.56 0.00	23.44 -2.55 0.00	25.19 -3.15 0.00	28.37 -3.47 0.00	32.18 -4.22 0.00	41.43 -5.71 0.01	46.22 -6.73 0.07	39.64 -6.19 2.55	32.97 -4.59 0.03	29.89 -3.96 0.00	28.26 -3.17 0.00
MOHAWK_PAPER___DRP 24187	35.31 0.76 0.00	33.50 0.82 0.00	32.49 0.79 0.00	32.81 0.83 0.00	33.57 0.88 0.00	35.43 1.40 0.00	53.13 1.80 0.00	62.80 2.18 0.00	48.90 1.70 0.00	35.70 1.07 0.00	32.88 0.90 0.00	29.26 0.77 0.00	28.13 0.69 0.00	27.90 0.73 0.00	26.77 0.78 0.00	29.30 0.96 0.00	32.98 1.15 0.00	37.94 1.53 0.00	48.84 1.70 0.00	55.04 2.01 0.00	50.21 1.84 0.00	39.04 1.47 0.00	35.17 1.32 0.00	32.62 1.19 0.00
MOHICAN___35_KV_115KV_LD 80490	35.41 0.86 0.00	33.53 0.85 0.00	32.52 0.82 0.00	32.87 0.90 0.00	33.70 1.01 0.00	35.43 1.40 0.00	53.59 2.26 0.00	63.34 2.73 0.00	49.00 1.79 0.00	35.31 0.69 0.00	32.40 0.42 0.00	28.75 0.26 0.00	27.64 0.19 0.00	27.39 0.22 0.00	26.30 0.31 0.00	28.85 0.51 0.00	32.63 0.80 0.00	37.83 1.42 0.00	49.08 1.93 0.00	55.41 2.39 0.00	50.55 2.18 0.00	39.27 1.69 0.00	35.24 1.39 0.00	32.62 1.19 0.00
MONGAUP___HYD 23641	35.72 1.18 0.00	33.80 1.11 0.00	32.71 1.01 0.00	32.97 0.99 0.00	33.76 1.08 0.00	35.57 1.53 0.00	53.18 1.85 0.00	62.38 1.76 0.00	48.81 1.61 0.00	35.63 1.00 0.00	32.91 0.93 0.00	29.38 0.88 0.00	28.33 0.88 0.00	28.10 0.92 0.00	26.92 0.93 0.00	29.50 1.16 0.00	33.11 1.27 0.00	38.12 1.71 0.00	49.55 2.40 0.00	55.83 2.81 0.00	50.89 2.51 0.00	39.53 1.95 0.00	35.68 1.83 0.00	33.00 1.57 0.00
MONTAUK___DIESEL 23721	36.59 2.04 0.00	35.20 2.52 0.00	33.47 1.78 0.00	33.74 1.76 0.00	35.10 2.42 0.00	37.07 3.03 0.00	56.16 4.83 0.00	65.95 5.33 0.00	51.45 4.25 0.00	36.70 2.08 0.00	34.00 2.01 0.00	29.83 1.34 0.00	28.46 1.02 0.00	27.74 0.57 0.00	26.56 0.57 0.00	29.56 1.22 0.00	33.24 1.40 0.00	38.85 2.44 0.00	50.16 3.02 0.00	57.26 4.24 0.00	52.63 4.26 0.00	43.44 3.16 -2.71	36.46 2.61 0.00	33.41 1.98 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.44 -2.11 0.00	30.14 -2.55 0.00	29.45 -2.25 0.00	29.58 -2.40 0.00	30.30 -2.39 0.00	32.00 -2.04 0.00	47.33 -4.00 0.00	55.59 -5.03 0.00	42.86 -4.34 0.00	32.13 -2.49 0.00	29.71 -2.27 0.00	26.41 -2.08 0.00	25.31 -2.14 0.00	25.00 -2.17 0.00	23.70 -2.29 0.00	25.62 -2.72 0.00	28.68 -3.15 0.00	32.84 -3.57 0.00	42.10 -5.04 0.00	47.20 -5.78 0.04	41.11 -5.47 1.80	33.28 -4.28 0.01	30.30 -3.55 0.00	28.41 -3.02 0.00

MORRIS_RIDGE___SOLAR 323848	32.89 -1.66 0.00	30.76 -1.93 0.00	29.96 -1.74 0.00	30.09 -1.89 0.00	30.89 -1.80 0.00	32.37 -1.67 0.00	48.05 -3.29 0.00	56.31 -4.30 0.00	43.38 -3.82 0.00	32.02 -2.60 0.00	29.45 -2.53 0.00	26.16 -2.34 0.00	25.06 -2.39 0.00	24.78 -2.39 0.00	23.60 -2.39 0.00	25.50 -2.83 0.00	28.78 -3.06 0.00	32.91 -3.50 0.00	42.62 -4.43 0.09	47.27 -5.25 0.50	27.65 -4.84 15.89	33.69 -3.64 0.25	30.63 -3.22 0.00	28.79 -2.64 0.00
MORTIMER_115KV_TB3 55949	33.20 -1.35 0.00	31.12 -1.57 0.00	30.37 -1.33 0.00	30.54 -1.44 0.00	31.18 -1.50 0.00	32.78 -1.26 0.00	48.66 -2.67 0.00	57.16 -3.46 0.00	44.42 -2.78 0.00	32.93 -1.70 0.00	30.51 -1.47 0.00	27.09 -1.40 0.00	26.10 -1.34 0.00	25.84 -1.33 0.00	24.61 -1.38 0.00	26.75 -1.59 0.00	30.02 -1.81 0.00	34.26 -2.15 0.00	44.17 -2.97 0.00	49.67 -3.34 0.01	44.74 -3.00 0.63	35.32 -2.25 0.00	31.82 -2.03 0.00	29.76 -1.67 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.14 1.59 0.00	34.22 1.54 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.22 1.54 0.00	36.05 2.01 0.00	54.31 2.98 0.00	64.44 3.82 0.00	50.32 3.12 0.00	36.98 2.35 0.00	33.93 1.95 0.00	30.37 1.88 0.00	29.26 1.81 0.00	28.99 1.82 0.00	27.78 1.79 0.00	30.35 2.01 0.00	34.03 2.20 0.00	39.21 2.80 0.00	50.82 3.68 0.00	57.10 4.08 0.00	52.05 3.68 0.00	40.40 2.82 0.00	36.29 2.44 0.00	33.53 2.11 0.00
MUNSVILLE_WIND_PWR 323609	36.34 1.80 0.00	34.22 1.54 0.00	33.22 1.52 0.00	33.48 1.50 0.00	34.38 1.70 0.00	36.25 2.21 0.00	54.77 3.44 0.00	64.62 4.00 0.00	49.38 2.17 0.00	35.31 0.69 0.00	32.49 0.51 0.00	28.69 0.20 0.00	27.59 0.14 0.00	27.25 0.08 0.00	25.96 -0.03 0.00	28.48 0.14 0.00	32.25 0.41 0.00	37.24 0.84 0.00	48.75 1.60 0.00	54.97 1.91 -0.04	52.05 1.69 -1.98	38.79 1.20 -0.01	34.56 0.71 0.00	32.15 0.72 0.00
N SALMON___HYD 24042	35.07 0.52 0.00	33.27 0.59 0.00	32.21 0.51 0.00	32.52 0.54 0.00	33.34 0.65 0.00	34.28 0.24 0.00	52.05 0.72 0.00	61.16 0.54 0.00	47.72 0.52 0.00	34.90 0.28 0.00	32.46 0.48 0.00	28.89 0.40 0.00	27.75 0.30 0.00	27.33 0.16 0.00	25.91 -0.08 0.00	28.05 -0.28 0.00	31.48 -0.35 0.00	35.86 -0.55 0.00	46.34 -0.80 0.00	51.91 -1.12 0.00	47.36 -1.02 0.00	36.60 -0.98 0.00	54.02 -0.98 -21.15	54.24 -1.01 -23.82
N.AKRON__115KV_KNAPP 355671	32.89 -1.66 0.00	30.66 -2.03 0.00	30.02 -1.68 0.00	30.15 -1.82 0.00	30.76 -1.93 0.00	32.47 -1.57 0.00	47.84 -3.49 0.00	55.95 -4.67 0.00	43.38 -3.82 0.00	32.34 -2.29 0.00	29.93 -2.05 0.00	26.55 -1.94 0.00	25.53 -1.92 0.00	25.32 -1.85 0.00	24.06 -1.92 0.00	26.07 -2.27 0.00	29.22 -2.61 0.00	33.38 -3.02 0.00	42.84 -4.29 0.01	48.13 -4.82 0.06	41.64 -4.40 2.33	34.28 -3.27 0.03	31.08 -2.78 0.00	29.17 -2.26 0.00
N.BELMOR_69_KV_BK1 55787	36.31 1.76 0.00	34.45 1.76 0.00	33.19 1.49 0.00	33.48 1.50 0.00	34.42 1.73 0.00	36.32 2.28 0.00	54.62 3.29 0.00	64.56 3.94 0.00	50.60 3.40 0.00	36.80 2.18 0.00	33.93 1.95 0.00	30.20 1.71 0.00	29.04 1.59 0.00	28.69 1.52 0.00	27.57 1.59 0.00	30.26 1.93 0.00	34.03 2.20 0.00	39.43 3.02 0.00	50.96 3.82 0.00	57.53 4.51 0.00	52.58 4.21 0.00	43.67 3.38 -2.71	36.66 2.81 0.00	33.69 2.26 0.00
N.E_GEN_SANDY PD 24062	35.55 1.00 0.00	33.76 1.08 0.00	32.71 1.01 0.00	33.00 1.02 0.00	33.76 1.08 0.00	35.57 1.53 0.00	53.13 1.80 0.00	62.80 2.18 0.00	48.90 1.70 0.00	35.80 1.18 0.00	32.94 0.96 0.00	29.40 0.91 0.00	28.30 0.85 0.00	28.04 0.87 0.00	26.92 0.93 0.00	29.50 1.16 0.00	33.14 1.31 0.00	38.23 1.82 0.00	49.50 2.36 0.00	55.78 2.76 0.00	50.94 2.56 0.00	39.61 2.03 0.00	35.68 1.83 0.00	33.00 1.57 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.76 1.21 0.00	33.83 1.14 0.00	32.71 1.01 0.00	33.03 1.06 0.00	33.83 1.14 0.00	35.64 1.60 0.00	53.64 2.31 0.00	63.65 3.03 0.00	49.66 2.45 0.00	36.42 1.80 0.00	33.42 1.44 0.00	29.89 1.40 0.00	28.79 1.34 0.00	28.53 1.36 0.00	27.36 1.38 0.00	29.90 1.56 0.00	33.52 1.69 0.00	38.63 2.22 0.00	50.11 2.97 0.00	56.36 3.34 0.00	51.37 3.00 0.00	39.91 2.33 0.00	35.85 2.00 0.00	33.13 1.70 0.00
N.QUEENS_27_KV_LOAD 356247	36.11 1.55 -0.01	34.26 1.57 -0.01	33.07 1.36 -0.01	33.42 1.44 -0.01	34.23 1.54 -0.01	36.02 1.97 -0.01	54.21 2.87 -0.01	64.37 3.76 0.00	50.55 3.35 0.01	37.18 2.56 0.01	34.16 2.17 -0.01	30.61 2.11 -0.01	29.51 2.06 -0.01	29.22 2.04 -0.01	28.00 2.00 -0.01	30.56 2.21 -0.01	34.23 2.39 -0.01	39.38 2.99 0.01	51.05 3.91 0.01	57.26 4.24 0.01	52.29 3.92 0.01	40.48 2.89 -0.01	36.33 2.47 -0.01	33.61 2.17 -0.01
N.TROY___115KV_TB1 355778	35.45 0.90 0.00	33.60 0.92 0.00	32.59 0.89 0.00	32.90 0.93 0.00	33.66 0.98 0.00	35.40 1.36 0.00	53.13 1.80 0.00	62.74 2.12 0.00	48.81 1.60 0.00	35.59 0.97 0.00	32.72 0.74 0.00	29.15 0.66 0.00	28.02 0.58 0.00	27.77 0.60 0.00	26.66 0.68 0.00	29.19 0.85 0.00	32.88 1.05 0.00	37.90 1.49 0.00	49.12 1.98 0.00	55.35 2.33 0.00	50.50 2.13 0.00	39.27 1.69 0.00	35.37 1.52 0.00	32.75 1.32 0.00
NARROWS_GT1_1 24228	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT1_2 24229	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT1_3 24230	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT1_4 24231	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21

NARROWS_GT1_5 24232	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT1_6 24233	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT1_7 24234	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT1_8 24235	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT2_1 24236	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT2_2 24237	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT2_3 24238	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT2_4 24239	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT2_5 24240	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT2_6 24241	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT2_7 24242	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NARROWS_GT2_8 24243	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.65 1.11 0.00	33.83 1.14 0.00	32.84 1.14 0.00	33.13 1.15 0.00	33.93 1.24 0.00	35.60 1.57 0.00	53.54 2.21 0.00	63.16 2.55 0.00	48.95 1.75 0.00	35.52 0.90 0.00	32.59 0.61 0.00	28.98 0.48 0.00	27.89 0.44 0.00	27.66 0.49 0.00	26.53 0.55 0.00	29.07 0.74 0.00	32.79 0.96 0.00	37.86 1.46 0.00	49.22 2.07 0.00	55.51 2.49 0.00	50.65 2.27 0.00	39.42 1.84 0.00	35.44 1.59 0.00	32.91 1.48 0.00
NCHELSEA_115KV_TR2 355582	36.03 1.49 0.00	34.12 1.44 0.00	33.00 1.30 0.00	33.29 1.31 0.00	34.12 1.44 0.00	35.94 1.91 0.00	54.16 2.82 0.00	64.13 3.52 0.00	49.99 2.78 0.00	36.56 1.94 0.00	33.45 1.47 0.00	29.89 1.40 0.00	28.82 1.37 0.00	28.58 1.41 0.00	27.39 1.40 0.00	29.98 1.64 0.00	33.65 1.81 0.00	38.85 2.44 0.00	50.44 3.30 0.00	56.79 3.76 0.00	51.76 3.39 0.00	40.21 2.63 0.00	36.09 2.23 0.00	33.35 1.92 0.00
NEG CAPITAL___MECHNVIL 23645	35.72 1.18 0.00	33.86 1.17 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.96 1.27 0.00	35.71 1.67 0.00	53.75 2.41 0.00	63.47 2.85 0.00	49.14 1.94 0.00	35.63 1.00 0.00	32.78 0.80 0.00	29.12 0.63 0.00	28.00 0.55 0.00	27.74 0.57 0.00	26.66 0.67 0.00	29.22 0.88 0.00	32.98 1.14 0.00	38.12 1.71 0.00	49.45 2.31 0.00	55.83 2.81 0.00	50.94 2.56 0.00	39.57 1.99 0.00	35.58 1.73 0.00	32.94 1.51 0.00

NEG CENTRAL_HIGH_ACRES 23767	32.89 -1.66 0.00	30.89 -1.80 0.00	30.08 -1.62 0.00	30.25 -1.73 0.00	31.02 -1.67 0.00	32.51 -1.53 0.00	48.51 -2.82 0.00	57.16 -3.45 0.00	44.37 -2.83 0.00	32.82 -1.80 0.00	30.35 -1.63 0.00	26.95 -1.54 0.00	25.94 -1.51 0.00	25.68 -1.49 0.00	24.48 -1.51 0.00	26.58 -1.76 0.00	29.93 -1.91 0.00	34.08 -2.33 0.00	43.99 -3.16 0.00	49.46 -3.55 0.01	44.73 -3.19 0.46	35.14 -2.44 0.00	31.58 -2.27 0.00	29.54 -1.88 0.00
NEG CENTRAL___DRP 24199	34.06 -0.48 0.00	32.03 -0.65 0.00	31.16 -0.54 0.00	31.37 -0.61 0.00	32.13 -0.56 0.00	33.77 -0.27 0.00	50.56 -0.77 0.00	59.46 -1.15 0.00	46.16 -1.04 0.00	33.96 -0.66 0.00	31.41 -0.58 0.00	27.86 -0.63 0.00	26.79 -0.66 0.00	26.49 -0.68 0.00	25.31 -0.68 0.00	27.60 -0.74 0.00	31.04 -0.80 0.00	35.46 -0.95 0.00	45.97 -1.18 0.00	51.65 -1.38 -0.01	47.04 -1.26 0.07	36.61 -0.98 -0.01	32.90 -0.95 0.00	30.71 -0.72 0.00
NEG CENTRAL___INDECK 23768	34.03 -0.52 0.00	31.83 -0.85 0.00	31.00 -0.70 0.00	31.18 -0.80 0.00	32.00 -0.69 0.00	33.63 -0.41 0.00	50.20 -1.13 0.00	58.92 -1.70 0.00	45.31 -1.89 0.00	33.38 -1.24 0.00	30.67 -1.31 0.00	27.15 -1.34 0.00	25.99 -1.46 0.00	25.70 -1.47 0.00	24.51 -1.48 0.00	26.58 -1.76 0.00	30.02 -1.81 0.00	34.48 -1.93 0.00	44.83 -2.36 -0.04	50.68 -2.54 -0.21	51.39 -2.27 -5.29	36.01 -1.69 -0.12	32.23 -1.62 0.00	30.17 -1.26 0.00
NEG CENTRAL___SENECA 23627	34.06 -0.48 0.00	31.97 -0.72 0.00	31.13 -0.57 0.00	31.34 -0.64 0.00	32.06 -0.62 0.00	33.77 -0.27 0.00	50.51 -0.82 0.00	59.34 -1.27 0.00	46.02 -1.18 0.00	33.90 -0.73 0.00	31.28 -0.70 0.00	27.75 -0.74 0.00	26.65 -0.80 0.00	26.36 -0.82 0.00	25.16 -0.83 0.00	27.43 -0.91 0.00	30.85 -0.99 0.00	35.28 -1.13 0.00	45.78 -1.37 -0.01	51.39 -1.64 -0.01	46.56 -1.50 0.32	36.47 -1.13 -0.02	32.77 -1.08 0.00	30.58 -0.85 0.00
NEG CENTRAL___STATE_STREET 24147	34.13 -0.41 0.00	32.16 -0.52 0.00	31.29 -0.41 0.00	31.50 -0.48 0.00	32.23 -0.46 0.00	33.83 -0.20 0.00	50.72 -0.62 0.00	59.89 -0.73 0.00	46.45 -0.76 0.00	34.17 -0.45 0.00	31.63 -0.35 0.00	28.09 -0.40 0.00	27.04 -0.41 0.00	26.74 -0.43 0.00	25.55 -0.44 0.00	27.88 -0.45 0.00	31.36 -0.48 0.00	35.75 -0.66 0.00	46.34 -0.80 0.00	52.07 -0.95 -0.01	47.93 -0.82 -0.37	36.94 -0.64 0.00	33.21 -0.64 0.00	30.93 -0.50 0.00
NEG MILLWOOD___DRP 24198	36.14 1.59 0.00	34.25 1.57 0.00	33.13 1.43 0.00	33.42 1.44 0.00	34.29 1.60 0.00	36.08 2.04 0.00	54.41 3.08 0.00	64.37 3.76 0.00	50.22 3.02 0.00	36.77 2.15 0.00	33.68 1.70 0.00	30.11 1.62 0.00	29.04 1.59 0.00	28.77 1.60 0.00	27.60 1.61 0.00	30.18 1.84 0.00	33.90 2.07 0.00	39.06 2.66 0.00	50.77 3.63 0.00	57.16 4.14 0.00	52.05 3.68 0.00	40.40 2.82 0.00	36.26 2.40 0.00	33.47 2.04 0.00
NEG NORTH_FLCN_SEA 23793	35.72 1.17 0.00	33.89 1.21 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.96 1.27 0.00	34.96 0.92 0.00	52.31 0.98 0.00	60.50 -0.12 0.00	47.82 0.61 0.00	35.45 0.83 0.00	32.94 0.96 0.00	29.35 0.85 0.00	28.13 0.69 0.00	27.66 0.49 0.00	26.14 0.16 0.00	28.20 -0.14 0.00	31.55 -0.29 0.00	35.86 -0.55 0.00	46.20 -0.94 0.00	51.59 -1.43 0.00	46.78 -1.60 0.00	35.96 -1.62 0.00	0.06 -1.59 32.20	-6.35 -1.51 36.27
NEG NORTH_KES_CHATEGAY 23792	35.10 0.55 0.00	33.27 0.59 0.00	32.24 0.54 0.00	32.55 0.58 0.00	33.31 0.62 0.00	34.21 0.17 0.00	51.90 0.56 0.00	60.74 0.12 0.00	47.49 0.28 0.00	34.86 0.24 0.00	32.37 0.38 0.00	28.83 0.34 0.00	27.70 0.25 0.00	27.25 0.08 0.00	25.83 -0.16 0.00	27.97 -0.37 0.00	31.36 -0.48 0.00	35.71 -0.69 0.00	46.06 -1.08 0.00	51.59 -1.43 0.00	46.92 -1.45 0.00	36.26 -1.32 0.00	-1.41 -1.25 34.01	-8.10 -1.23 38.31
NEG NORTH___ALICE_FALLS 23915	35.72 1.17 0.00	33.89 1.21 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.96 1.27 0.00	34.99 0.95 0.00	52.56 1.23 0.00	61.10 0.48 0.00	48.05 0.85 0.00	35.45 0.83 0.00	32.97 0.99 0.00	29.35 0.85 0.00	28.16 0.71 0.00	27.69 0.52 0.00	26.17 0.18 0.00	28.25 -0.09 0.00	31.64 -0.19 0.00	35.97 -0.44 0.00	46.34 -0.80 0.00	51.80 -1.22 0.00	47.07 -1.31 0.00	36.19 -1.39 0.00	-0.02 -1.39 32.49	-6.42 -1.26 36.59
NEG NORTH___LWR_SARANAC 23913	35.72 1.17 0.00	33.89 1.21 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.96 1.27 0.00	34.99 0.95 0.00	52.56 1.23 0.00	61.10 0.48 0.00	48.05 0.85 0.00	35.45 0.83 0.00	32.97 0.99 0.00	29.35 0.85 0.00	28.16 0.71 0.00	27.69 0.52 0.00	26.17 0.18 0.00	28.25 -0.09 0.00	31.64 -0.19 0.00	35.97 -0.44 0.00	46.34 -0.80 0.00	51.80 -1.22 0.00	47.07 -1.31 0.00	36.19 -1.39 0.00	-0.02 -1.39 32.49	-6.42 -1.26 36.59
NEG NORTH___PLATTSBURG 23628	35.72 1.18 0.00	33.89 1.21 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.99 1.31 0.00	34.99 0.95 0.00	52.51 1.18 0.00	61.10 0.48 0.00	48.00 0.80 0.00	35.45 0.83 0.00	32.97 0.99 0.00	29.34 0.85 0.00	28.16 0.71 0.00	27.69 0.51 0.00	26.17 0.18 0.00	28.25 -0.08 0.00	31.64 -0.19 0.00	35.97 -0.44 0.00	46.39 -0.76 0.00	51.80 -1.22 0.00	47.07 -1.30 0.00	36.19 -1.39 0.00	0.01 -1.36 32.49	-6.42 -1.26 36.59
NEG WEST_LEA_LOCKPORT 23791	32.23 -2.31 0.00	30.04 -2.65 0.00	29.45 -2.25 0.00	29.55 -2.43 0.00	30.17 -2.52 0.00	31.83 -2.21 0.00	46.61 -4.72 0.00	54.31 -6.30 0.00	42.20 -5.00 0.00	31.58 -3.05 0.00	29.26 -2.72 0.00	25.98 -2.51 0.00	24.98 -2.47 0.00	24.78 -2.39 0.00	23.57 -2.42 0.00	25.48 -2.86 0.00	28.56 -3.28 0.00	32.51 -3.90 0.00	41.62 -5.52 0.01	46.68 -6.26 0.08	39.66 -5.76 2.95	33.26 -4.28 0.04	30.26 -3.59 0.00	28.47 -2.95 0.00
NEG WEST___LANCASTER 23811	33.03 -1.52 0.00	30.76 -1.93 0.00	30.11 -1.58 0.00	30.25 -1.73 0.00	30.92 -1.76 0.00	32.61 -1.43 0.00	48.10 -3.23 0.00	56.31 -4.30 0.00	43.52 -3.68 0.00	32.58 -2.04 0.00	30.13 -1.85 0.00	26.75 -1.74 0.00	25.69 -1.76 0.00	25.46 -1.71 0.00	24.25 -1.74 0.00	26.21 -2.13 0.00	29.32 -2.51 0.00	33.46 -2.95 0.00	42.38 -4.76 0.01	47.46 -5.51 0.05	41.33 -4.98 2.06	33.81 -3.76 0.02	31.08 -2.78 0.00	29.23 -2.20 0.00
NEG_PENN_ALLEGHNY 23528	34.34 -0.21 0.00	32.33 -0.36 0.00	31.41 -0.29 0.00	31.66 -0.32 0.00	32.42 -0.26 0.00	34.00 -0.03 0.00	50.98 -0.36 0.00	60.20 -0.42 0.00	46.64 -0.56 0.00	34.34 -0.28 0.00	31.69 -0.29 0.00	28.18 -0.31 0.00	27.12 -0.33 0.00	26.82 -0.35 0.00	25.65 -0.34 0.00	27.88 -0.45 0.00	31.39 -0.45 0.00	35.90 -0.51 0.00	46.58 -0.56 0.00	52.22 -0.79 0.01	47.09 -0.78 0.51	37.02 -0.56 0.00	33.31 -0.54 0.00	31.05 -0.38 0.00
NEG___GEN_MONROE 24207	33.34 -1.21 0.00	31.18 -1.50 0.00	30.50 -1.20 0.00	30.67 -1.31 0.00	31.31 -1.37 0.00	32.98 -1.06 0.00	48.92 -2.41 0.00	57.34 -3.27 0.00	44.42 -2.78 0.00	32.89 -1.73 0.00	30.45 -1.54 0.00	27.04 -1.45 0.00	26.02 -1.43 0.00	25.79 -1.39 0.00	24.56 -1.43 0.00	26.67 -1.67 0.00	29.83 -2.01 0.00	34.19 -2.22 0.00	44.12 -3.02 0.00	49.71 -3.29 0.02	44.38 -3.00 1.00	35.32 -2.25 0.01	31.92 -1.93 0.00	29.89 -1.54 0.00

NEPA__ENERGY 23901	32.99 -1.55 0.00	30.76 -1.93 0.00	30.08 -1.62 0.00	30.22 -1.76 0.00	30.89 -1.80 0.00	32.57 -1.46 0.00	48.15 -3.18 0.00	56.56 -4.06 0.00	43.57 -3.63 0.00	32.61 -2.01 0.00	30.16 -1.82 0.00	26.81 -1.68 0.00	25.75 -1.70 0.00	25.49 -1.68 0.00	24.27 -1.72 0.00	26.21 -2.13 0.00	29.35 -2.48 0.00	33.53 -2.88 0.00	42.99 -4.15 0.01	48.20 -4.77 0.05	41.87 -4.45 2.05	34.18 -3.38 0.02	31.11 -2.74 0.00	29.23 -2.20 0.00
NEVERSink__HYD 23608	35.83 1.28 0.00	33.89 1.21 0.00	32.84 1.14 0.00	33.10 1.12 0.00	33.89 1.21 0.00	35.71 1.67 0.00	53.75 2.41 0.00	63.59 2.97 0.00	49.47 2.27 0.00	36.04 1.42 0.00	33.04 1.05 0.00	29.46 0.97 0.00	28.43 0.99 0.00	28.20 1.03 0.00	26.97 0.99 0.00	29.58 1.25 0.00	33.17 1.34 0.00	38.48 2.07 0.00	49.97 2.83 0.00	56.26 3.23 0.00	51.28 2.90 0.00	39.87 2.29 0.00	35.75 1.89 0.00	33.09 1.66 0.00
NEWKRMKL_115KV_TB1 55635	35.07 0.52 0.00	33.31 0.62 0.00	32.33 0.63 0.00	32.62 0.64 0.00	33.37 0.69 0.00	34.99 0.95 0.00	52.51 1.18 0.00	62.07 1.45 0.00	48.34 1.13 0.00	35.38 0.76 0.00	32.59 0.61 0.00	29.03 0.54 0.00	27.91 0.47 0.00	27.69 0.52 0.00	26.56 0.57 0.00	29.05 0.71 0.00	32.66 0.83 0.00	37.50 1.09 0.00	48.51 1.37 0.00	54.61 1.59 0.00	49.88 1.50 0.00	38.74 1.16 0.00	34.93 1.08 0.00	32.43 1.01 0.00
NEWTON__FALLS_HYD 23847	33.89 -0.66 0.00	32.06 -0.62 0.00	31.07 -0.63 0.00	31.37 -0.61 0.00	32.13 -0.56 0.00	33.08 -0.95 0.00	50.41 -0.92 0.00	59.46 -1.15 0.00	46.07 -1.13 0.00	33.38 -1.25 0.00	30.93 -1.06 0.00	27.47 -1.03 0.00	26.43 -1.02 0.00	26.14 -1.03 0.00	24.90 -1.09 0.00	27.15 -1.19 0.00	30.56 -1.27 0.00	35.02 -1.38 0.00	45.59 -1.56 0.00	51.48 -1.54 0.00	47.02 -1.35 0.00	36.45 -1.13 0.00	36.02 -1.22 -3.38	34.08 -1.16 -3.81
NGRID_A1_DSASP 323792	32.16 -2.38 0.00	30.04 -2.65 0.00	29.35 -2.35 0.00	29.45 -2.53 0.00	30.30 -2.38 0.00	31.69 -2.35 0.00	46.45 -4.88 0.00	54.13 -6.48 0.00	42.15 -5.05 0.00	31.54 -3.08 0.00	29.20 -2.78 0.00	25.96 -2.54 0.00	24.95 -2.50 0.00	24.78 -2.39 0.00	23.60 -2.39 0.00	25.33 -3.00 0.00	28.52 -3.31 0.00	32.33 -4.08 0.00	41.62 -5.52 0.01	46.38 -6.58 0.07	39.85 -6.00 2.53	33.12 -4.43 0.03	30.03 -3.83 0.00	28.41 -3.02 0.00
NGRID_A2_DSASP 323793	32.16 -2.38 0.00	30.04 -2.65 0.00	29.35 -2.35 0.00	29.45 -2.53 0.00	30.30 -2.38 0.00	31.69 -2.35 0.00	46.45 -4.88 0.00	54.13 -6.48 0.00	42.15 -5.05 0.00	31.54 -3.08 0.00	29.20 -2.78 0.00	25.96 -2.54 0.00	24.95 -2.50 0.00	24.78 -2.39 0.00	23.60 -2.39 0.00	25.33 -3.00 0.00	28.52 -3.31 0.00	32.33 -4.08 0.00	41.62 -5.52 0.01	46.38 -6.58 0.07	39.85 -6.00 2.53	33.12 -4.43 0.03	30.03 -3.83 0.00	28.41 -3.02 0.00
NGRID_A4_DSASP 323807	32.16 -2.38 0.00	30.04 -2.65 0.00	29.35 -2.35 0.00	29.45 -2.53 0.00	30.30 -2.38 0.00	31.69 -2.35 0.00	46.45 -4.88 0.00	54.13 -6.48 0.00	42.15 -5.05 0.00	31.54 -3.08 0.00	29.20 -2.78 0.00	25.96 -2.54 0.00	24.95 -2.50 0.00	24.78 -2.39 0.00	23.60 -2.39 0.00	25.33 -3.00 0.00	28.52 -3.31 0.00	32.33 -4.08 0.00	41.62 -5.52 0.01	46.38 -6.58 0.07	39.85 -6.00 2.53	33.12 -4.43 0.03	30.03 -3.83 0.00	28.41 -3.02 0.00
NIAGARA_115E_LBMP 323715	31.82 -2.73 0.00	29.71 -2.97 0.00	29.04 -2.66 0.00	29.13 -2.85 0.00	29.97 -2.71 0.00	31.35 -2.69 0.00	45.99 -5.34 0.00	53.65 -6.97 0.00	41.73 -5.47 0.00	31.19 -3.43 0.00	28.88 -3.10 0.00	25.67 -2.82 0.00	24.68 -2.77 0.00	24.48 -2.69 0.00	23.31 -2.68 0.00	25.05 -3.29 0.00	28.20 -3.63 0.00	32.00 -4.41 0.00	41.19 -5.94 0.01	45.90 -7.05 0.07	39.37 -6.48 2.52	32.74 -4.81 0.03	29.72 -4.13 0.00	28.10 -3.33 0.00
NIAGARA_115W_LBMP 323714	32.10 -2.45 0.00	29.97 -2.71 0.00	29.29 -2.41 0.00	29.39 -2.59 0.00	30.23 -2.45 0.00	31.59 -2.45 0.00	46.35 -4.98 0.00	54.01 -6.61 0.00	42.06 -5.14 0.00	31.47 -3.15 0.00	29.13 -2.85 0.00	25.90 -2.59 0.00	24.90 -2.55 0.00	24.73 -2.45 0.00	23.54 -2.44 0.00	25.28 -3.06 0.00	28.46 -3.38 0.00	32.26 -4.15 0.00	41.52 -5.61 0.01	46.27 -6.68 0.07	39.80 -6.05 2.53	33.04 -4.51 0.03	29.99 -3.86 0.00	28.35 -3.08 0.00
NIAGARA_230_LBMP 323716	32.20 -2.35 0.00	30.10 -2.58 0.00	29.42 -2.28 0.00	29.48 -2.49 0.00	30.33 -2.35 0.00	31.72 -2.32 0.00	46.56 -4.77 0.00	54.31 -6.31 0.00	42.25 -4.96 0.00	31.61 -3.01 0.00	29.26 -2.72 0.00	26.01 -2.48 0.00	25.01 -2.44 0.00	24.83 -2.34 0.00	23.65 -2.34 0.00	25.39 -2.95 0.00	28.59 -3.25 0.00	32.44 -3.97 0.00	41.76 -5.38 0.01	46.53 -6.42 0.07	40.00 -5.81 2.57	33.23 -4.32 0.03	30.13 -3.72 0.00	28.47 -2.96 0.00
NIAGARA__115KV_198_GIBSON 55903	32.03 -2.52 0.00	29.84 -2.84 0.00	29.29 -2.41 0.00	29.39 -2.59 0.00	29.97 -2.71 0.00	31.59 -2.45 0.00	46.15 -5.18 0.00	53.77 -6.85 0.00	41.82 -5.38 0.00	31.37 -3.25 0.00	29.07 -2.91 0.00	25.84 -2.65 0.00	24.84 -2.61 0.00	24.67 -2.50 0.00	23.49 -2.49 0.00	25.36 -2.98 0.00	28.40 -3.44 0.00	32.29 -4.11 0.00	41.33 -5.80 0.01	46.27 -6.68 0.07	39.75 -6.10 2.53	33.04 -4.51 0.03	30.06 -3.79 0.00	28.35 -3.08 0.00
NIAGARA____ 23760	32.20 -2.35 0.00	30.10 -2.58 0.00	29.42 -2.28 0.00	29.48 -2.49 0.00	30.33 -2.35 0.00	31.72 -2.32 0.00	46.56 -4.77 0.00	54.31 -6.31 0.00	42.25 -4.96 0.00	31.61 -3.01 0.00	29.26 -2.72 0.00	26.01 -2.48 0.00	25.01 -2.44 0.00	24.83 -2.34 0.00	23.65 -2.34 0.00	25.39 -2.95 0.00	28.59 -3.25 0.00	32.44 -3.97 0.00	41.76 -5.38 0.01	46.53 -6.42 0.07	40.02 -5.81 2.55	33.23 -4.32 0.03	30.13 -3.72 0.00	28.47 -2.96 0.00
NINE_MILE_1 23575	33.48 -1.07 0.00	31.64 -1.05 0.00	30.72 -0.98 0.00	30.95 -1.02 0.00	31.67 -1.01 0.00	33.08 -0.95 0.00	49.64 -1.69 0.00	58.62 -2.00 0.00	45.60 -1.61 0.00	33.58 -1.04 0.00	31.09 -0.90 0.00	27.66 -0.83 0.00	26.65 -0.80 0.00	26.36 -0.81 0.00	25.21 -0.78 0.00	27.46 -0.88 0.00	30.88 -0.95 0.00	35.02 -1.38 0.00	45.26 -1.89 0.00	50.90 -2.12 0.00	46.44 -1.94 0.00	36.11 -1.47 0.00	32.53 -1.32 0.00	30.33 -1.10 0.00
NINE_MILE_2 23744	33.48 -1.07 0.00	31.64 -1.05 0.00	30.72 -0.98 0.00	30.95 -1.02 0.00	31.67 -1.01 0.00	33.08 -0.95 0.00	49.64 -1.69 0.00	58.62 -2.00 0.00	45.60 -1.61 0.00	33.58 -1.04 0.00	31.09 -0.90 0.00	27.66 -0.83 0.00	26.63 -0.82 0.00	26.36 -0.81 0.00	25.21 -0.78 0.00	27.46 -0.88 0.00	30.88 -0.95 0.00	35.02 -1.38 0.00	45.26 -1.89 0.00	50.90 -2.12 0.00	46.44 -1.94 0.00	36.11 -1.47 0.00	32.53 -1.32 0.00	30.33 -1.10 0.00
NM_CAPITAL__DRP 24208	35.13 0.59 0.00	33.37 0.69 0.00	32.37 0.67 0.00	32.68 0.70 0.00	33.40 0.72 0.00	35.09 1.06 0.00	52.62 1.28 0.00	62.19 1.58 0.00	48.43 1.23 0.00	35.45 0.83 0.00	32.65 0.67 0.00	29.09 0.60 0.00	28.00 0.55 0.00	27.74 0.57 0.00	26.61 0.62 0.00	29.10 0.77 0.00	32.76 0.92 0.00	37.61 1.20 0.00	48.61 1.46 0.00	54.72 1.70 0.00	49.97 1.60 0.00	38.86 1.28 0.00	35.04 1.18 0.00	32.50 1.07 0.00

NM_CENTRAL___DRP 24181	33.96 -0.59 0.00	32.03 -0.65 0.00	31.13 -0.57 0.00	31.37 -0.61 0.00	32.10 -0.59 0.00	33.63 -0.41 0.00	50.31 -1.03 0.00	59.40 -1.21 0.00	46.12 -1.09 0.00	33.96 -0.66 0.00	31.50 -0.48 0.00	28.01 -0.48 0.00	26.95 -0.49 0.00	26.68 -0.49 0.00	25.49 -0.49 0.00	27.83 -0.51 0.00	31.26 -0.57 0.00	35.57 -0.84 0.00	46.06 -1.08 0.00	51.75 -1.27 0.00	47.21 -1.16 0.00	36.68 -0.90 0.00	33.04 -0.81 0.00	30.80 -0.63 0.00
NM_FRONTIER___DRP 24179	32.03 -2.52 0.00	29.84 -2.84 0.00	29.29 -2.41 0.00	29.39 -2.59 0.00	29.97 -2.71 0.00	31.59 -2.45 0.00	46.15 -5.18 0.00	53.77 -6.85 0.00	41.82 -5.38 0.00	31.37 -3.25 0.00	29.07 -2.91 0.00	25.84 -2.65 0.00	24.84 -2.61 0.00	24.67 -2.50 0.00	23.49 -2.49 0.00	25.36 -2.98 0.00	28.40 -3.44 0.00	32.29 -4.11 0.00	41.33 -5.80 0.01	46.27 -6.68 0.07	39.75 -6.10 2.53	33.04 -4.51 0.03	30.06 -3.79 0.00	28.35 -3.08 0.00
NM_ST_REGIS___HYD 24053	34.37 -0.17 0.00	32.62 -0.07 0.00	31.57 -0.13 0.00	31.88 -0.10 0.00	32.62 -0.07 0.00	33.46 -0.58 0.00	51.13 -0.21 0.00	60.19 -0.42 0.00	46.87 -0.33 0.00	34.17 -0.45 0.00	31.69 -0.29 0.00	28.21 -0.28 0.00	27.12 -0.33 0.00	26.76 -0.41 0.00	25.44 -0.55 0.00	27.63 -0.71 0.00	31.04 -0.80 0.00	35.42 -0.98 0.00	45.82 -1.32 0.00	51.54 -1.48 0.00	47.12 -1.26 0.00	36.45 -1.13 0.00	41.05 -1.08 -8.28	39.69 -1.07 -9.33
NORTHPORT___1 23551	36.21 1.66 0.00	34.22 1.54 0.00	33.06 1.36 0.00	33.45 1.47 0.00	34.12 1.44 0.00	36.38 2.35 0.00	54.21 2.87 0.00	64.01 3.39 0.00	50.27 3.07 0.00	36.49 1.87 0.00	33.48 1.50 0.00	29.97 1.48 0.00	28.77 1.32 0.00	28.39 1.22 0.01	27.29 1.30 0.00	30.15 1.82 0.00	33.87 2.04 0.00	39.39 2.99 0.00	50.82 3.68 0.00	57.31 4.29 0.00	52.63 4.26 0.00	43.68 3.38 -2.71	36.80 2.94 0.00	33.69 2.26 0.00
NORTHPORT___2 23552	36.21 1.66 0.00	34.22 1.54 0.00	33.06 1.36 0.00	33.45 1.47 0.00	34.12 1.44 0.00	36.38 2.35 0.00	54.21 2.87 0.00	64.01 3.39 0.00	50.27 3.07 0.00	36.49 1.87 0.00	33.48 1.50 0.00	29.97 1.48 0.00	28.77 1.32 0.00	28.39 1.22 0.01	27.29 1.30 0.00	30.15 1.82 0.00	33.87 2.04 0.00	39.39 2.99 0.00	50.82 3.68 0.00	57.31 4.29 0.00	52.63 4.26 0.00	43.68 3.38 -2.71	36.80 2.94 0.00	33.69 2.26 0.00
NORTHPORT___3 23553	36.07 1.52 0.00	34.09 1.40 0.00	32.93 1.24 0.00	33.29 1.31 0.00	33.96 1.27 0.00	36.15 2.11 0.00	53.44 2.11 0.00	63.04 2.43 0.00	49.99 2.78 0.00	36.42 1.80 0.00	33.48 1.50 0.00	29.94 1.45 0.00	28.79 1.34 0.00	28.44 1.28 0.01	27.29 1.30 0.00	30.07 1.73 0.00	33.74 1.91 0.00	39.25 2.84 0.00	50.16 3.02 0.00	56.47 3.44 0.00	51.81 3.44 0.00	43.48 3.19 -2.71	36.53 2.67 0.00	33.50 2.07 0.00
NORTHPORT___4 23650	36.07 1.52 0.00	34.09 1.40 0.00	32.93 1.24 0.00	33.29 1.31 0.00	33.96 1.27 0.00	36.15 2.11 0.00	53.44 2.11 0.00	63.04 2.43 0.00	49.99 2.78 0.00	36.42 1.80 0.00	33.48 1.50 0.00	29.94 1.45 0.00	28.79 1.34 0.00	28.44 1.28 0.01	27.29 1.30 0.00	30.07 1.73 0.00	33.74 1.91 0.00	39.25 2.84 0.00	50.16 3.02 0.00	56.47 3.44 0.00	51.81 3.44 0.00	43.48 3.19 -2.71	36.53 2.67 0.00	33.50 2.07 0.00
NORTHPORT___IC 23718	36.21 1.66 0.00	34.48 1.80 0.00	33.19 1.49 0.00	33.45 1.47 0.00	34.51 1.83 0.00	36.39 2.35 0.00	54.67 3.34 0.00	64.62 4.00 0.00	50.60 3.40 0.00	36.70 2.08 0.00	33.84 1.85 0.00	30.06 1.57 0.00	28.85 1.40 0.00	28.45 1.28 0.00	27.42 1.43 0.00	30.15 1.81 0.00	33.97 2.13 0.00	39.36 2.95 0.00	50.82 3.68 0.00	57.58 4.56 0.00	52.63 4.26 0.00	43.67 3.38 -2.71	36.76 2.91 0.00	33.69 2.26 0.00
NORTH___COUNTRY_ESR 323785	35.00 0.45 0.00	33.21 0.52 0.00	32.18 0.48 0.00	32.49 0.51 0.00	33.24 0.56 0.00	34.14 0.10 0.00	51.74 0.41 0.00	60.56 -0.06 0.00	47.39 0.19 0.00	34.83 0.21 0.00	32.33 0.35 0.00	28.80 0.31 0.00	27.67 0.22 0.00	27.23 0.05 0.00	25.81 -0.18 0.00	27.94 -0.40 0.00	31.29 -0.54 0.00	35.64 -0.77 0.00	46.06 -1.08 0.00	51.48 -1.54 0.00	46.83 -1.55 0.00	36.15 -1.43 0.00	-1.52 -1.32 34.05	-8.21 -1.29 38.35
NPX_GEN_1385_PROXY 323591	35.89 1.35 0.00	33.99 1.31 0.00	32.78 1.08 0.00	33.13 1.15 0.00	33.89 1.21 0.00	36.38 2.35 0.00	53.75 2.41 0.00	63.53 2.91 0.00	49.80 2.59 0.00	36.11 1.49 0.00	32.91 0.93 0.00	29.57 1.08 0.00	28.24 0.80 0.00	27.90 0.73 0.01	27.00 1.01 0.00	30.04 1.70 0.00	33.78 1.94 0.00	39.21 2.80 0.00	50.25 3.11 0.00	57.00 3.98 0.00	52.39 4.01 0.00	43.30 3.01 -2.71	36.76 2.91 0.00	33.69 2.26 0.00
NPX_GEN_CSC 323557	35.83 1.28 0.00	33.83 1.14 0.00	32.74 1.04 0.00	33.10 1.12 0.00	33.70 1.01 0.00	36.38 2.35 0.00	54.21 2.87 0.00	63.47 2.85 0.00	50.18 2.98 0.00	35.87 1.24 0.00	32.91 0.93 0.00	29.40 0.91 0.00	28.08 0.63 0.00	27.43 0.27 0.01	26.30 0.31 0.00	29.50 1.16 0.00	33.20 1.37 0.00	38.81 2.40 0.00	50.25 3.11 0.00	56.73 3.71 0.00	53.02 4.64 0.00	43.71 3.42 -2.71	36.73 2.88 0.00	33.28 1.85 0.00
NSINS_S__GLNS_FALLS 23858	35.34 0.79 0.00	33.47 0.78 0.00	32.46 0.76 0.00	32.84 0.86 0.00	33.63 0.95 0.00	35.37 1.33 0.00	53.49 2.16 0.00	63.28 2.67 0.00	48.95 1.75 0.00	35.28 0.66 0.00	32.37 0.38 0.00	28.72 0.23 0.00	27.59 0.14 0.00	27.36 0.19 0.00	26.27 0.29 0.00	28.82 0.48 0.00	32.60 0.76 0.00	37.75 1.35 0.00	48.98 1.84 0.00	55.35 2.33 0.00	50.50 2.13 0.00	39.23 1.65 0.00	35.21 1.35 0.00	32.59 1.16 0.00
NUCOR_STEEL___DRP 24197	34.27 -0.28 0.00	32.32 -0.36 0.00	31.41 -0.29 0.00	31.66 -0.32 0.00	32.39 -0.29 0.00	33.97 -0.07 0.00	50.87 -0.46 0.00	60.01 -0.61 0.00	46.54 -0.66 0.00	34.24 -0.38 0.00	31.66 -0.32 0.00	28.15 -0.34 0.00	27.09 -0.36 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.94 -0.40 0.00	31.42 -0.41 0.00	35.82 -0.58 0.00	46.44 -0.71 0.00	52.18 -0.85 -0.01	48.08 -0.73 -0.43	37.02 -0.56 0.00	33.31 -0.54 0.00	31.05 -0.38 0.00
NUMBER_THREE_WT_PWR 323818	34.48 -0.07 0.00	32.59 -0.10 0.00	31.60 -0.09 0.00	31.88 -0.10 0.00	32.68 0.00 0.00	33.70 -0.34 0.00	51.08 -0.26 0.00	60.32 -0.30 0.00	46.59 -0.61 0.00	33.69 -0.93 0.00	31.12 -0.86 0.00	27.61 -0.88 0.00	26.60 -0.85 0.00	26.30 -0.87 0.00	25.10 -0.88 0.00	27.46 -0.88 0.00	30.94 -0.89 0.00	35.57 -0.84 0.00	46.39 -0.76 0.00	52.49 -0.53 0.00	47.94 -0.44 0.00	37.17 -0.41 0.00	34.72 -0.64 -1.51	32.50 -0.63 -1.70
NYISO_LBMP_REFERENCE 24008	34.55 0.00 0.00	32.68 0.00 0.00	31.70 0.00 0.00	31.98 0.00 0.00	32.68 0.00 0.00	34.04 0.00 0.00	51.33 0.00 0.00	60.62 0.00 0.00	47.20 0.00 0.00	34.62 0.00 0.00	31.98 0.00 0.00	28.49 0.00 0.00	27.45 0.00 0.00	27.17 0.00 0.00	25.99 0.00 0.00	28.34 0.00 0.00	31.83 0.00 0.00	36.41 0.00 0.00	47.14 0.00 0.00	53.02 0.00 0.00	48.38 0.00 0.00	37.58 0.00 0.00	33.85 0.00 0.00	31.43 0.00 0.00

NYPA_BRENTWD____GT 24164	36.48 1.93 0.00	34.48 1.80 0.00	33.32 1.62 0.00	33.70 1.73 0.00	34.35 1.67 0.00	36.69 2.66 0.00	54.67 3.33 0.00	64.62 4.00 0.00	50.70 3.49 0.00	36.70 2.08 0.00	33.74 1.76 0.00	30.14 1.65 0.00	28.93 1.48 0.00	28.55 1.38 0.01	27.42 1.43 0.00	30.29 1.95 0.00	34.06 2.23 0.00	39.68 3.28 0.00	51.29 4.15 0.00	57.85 4.82 0.00	53.17 4.79 0.00	44.09 3.79 -2.71	37.10 3.25 0.00	33.94 2.52 0.00
NYPA_GOWANUS____GT5 24156	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NYPA_GOWANUS____GT6 24157	51.46 2.04 -14.88	34.59 1.89 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.59 1.89 -0.01	51.50 2.48 -14.98	54.78 3.44 -0.01	64.74 4.12 0.00	55.73 3.40 -5.13	70.50 2.56 -33.31	55.43 2.14 -21.31	58.10 2.08 -27.53	61.59 2.00 -32.14	62.37 2.04 -33.16	66.00 2.00 -38.01	57.89 2.29 -27.26	57.80 2.42 -23.55	69.87 3.24 -30.22	59.47 4.15 -8.18	59.44 4.72 -1.70	57.68 4.16 -5.14	54.80 3.27 -13.95	52.51 3.15 -15.51	52.16 2.52 -18.21
NYPA_HARLEM__RVR__GT1 24160	36.07 1.52 -0.01	34.20 1.50 -0.01	33.04 1.33 -0.01	33.43 1.44 -0.01	34.16 1.47 -0.01	36.02 1.97 -0.01	54.01 2.67 -0.01	64.00 3.39 0.01	50.22 3.02 0.01	36.90 2.28 0.01	33.97 1.98 -0.01	30.41 1.91 -0.01	29.32 1.87 -0.01	29.08 1.90 -0.01	27.84 1.85 -0.01	30.47 2.13 -0.01	34.07 2.23 -0.01	39.35 2.95 0.01	50.91 3.77 0.01	57.20 4.19 0.01	52.14 3.78 0.01	40.44 2.85 -0.01	36.03 2.17 -0.01	33.58 2.14 -0.01
NYPA_HARLEM__RVR__GT2 24161	36.07 1.52 -0.01	34.20 1.50 -0.01	33.04 1.33 -0.01	33.43 1.44 -0.01	34.16 1.47 -0.01	36.02 1.97 -0.01	54.01 2.67 -0.01	64.00 3.39 0.01	50.22 3.02 0.01	36.90 2.28 0.01	33.97 1.98 -0.01	30.41 1.91 -0.01	29.32 1.87 -0.01	29.08 1.90 -0.01	27.84 1.85 -0.01	30.47 2.13 -0.01	34.07 2.23 -0.01	39.35 2.95 0.01	50.91 3.77 0.01	57.20 4.19 0.01	52.14 3.78 0.01	40.44 2.85 -0.01	36.03 2.17 -0.01	33.58 2.14 -0.01
NYPA_KENT____GT 24152	45.02 1.93 -8.53	34.49 1.80 -0.01	36.23 1.68 -2.85	33.74 1.76 -0.01	34.46 1.76 -0.01	45.19 2.35 -8.80	54.63 3.29 -0.01	64.55 3.94 0.00	53.82 3.30 -3.31	64.46 2.49 -27.35	47.83 2.11 -13.74	49.24 2.05 -18.70	52.54 1.98 -23.11	53.26 2.01 -24.08	56.63 1.95 -28.69	49.02 2.24 -18.45	49.83 2.36 -15.64	63.95 3.17 -24.38	57.16 4.05 -5.96	58.67 4.56 -1.09	55.76 4.06 -3.32	48.99 3.16 -8.26	45.94 2.91 -9.18	44.63 2.42 -10.78
NYPA_POUCH1____GT 24155	51.43 2.00 -14.88	34.55 1.86 -0.01	38.43 1.77 -4.96	33.81 1.82 -0.01	34.55 1.86 -0.01	51.43 2.42 -14.98	54.67 3.33 -0.01	64.50 3.88 0.00	55.49 3.16 -5.13	70.32 2.39 -33.31	55.27 1.98 -21.31	57.96 1.94 -27.53	61.45 1.87 -32.14	62.23 1.90 -33.16	65.87 1.87 -38.01	57.75 2.15 -27.26	57.65 2.26 -23.55	69.69 3.06 -30.22	59.23 3.91 -8.18	59.23 4.50 -1.70	57.48 3.97 -5.14	54.69 3.16 -13.95	52.61 3.25 -15.51	52.12 2.48 -18.21
NYPA_VERNON____GT2 24162	38.53 1.80 -2.19	34.39 1.70 -0.01	34.02 1.58 -0.74	33.62 1.63 -0.01	34.36 1.67 -0.01	38.87 2.21 -2.63	54.42 3.08 -0.01	64.44 3.82 0.00	51.95 3.25 -1.49	58.43 2.42 -21.38	40.23 2.08 -6.17	40.35 1.99 -9.87	43.49 1.95 -14.09	44.13 1.96 -15.00	47.28 1.92 -19.37	40.18 2.21 -9.63	41.88 2.32 -7.72	58.03 3.09 -18.53	54.84 3.96 -3.74	57.90 4.40 -0.48	53.84 3.97 -1.50	43.19 3.04 -2.56	39.37 2.67 -2.85	37.10 2.33 -3.34
NYPA_VERNON____GT3 24163	38.53 1.80 -2.19	34.39 1.70 -0.01	34.02 1.58 -0.74	33.62 1.63 -0.01	34.36 1.67 -0.01	38.87 2.21 -2.63	54.42 3.08 -0.01	64.44 3.82 0.00	51.95 3.25 -1.49	58.43 2.42 -21.38	40.23 2.08 -6.17	40.35 1.99 -9.87	43.49 1.95 -14.09	44.13 1.96 -15.00	47.28 1.92 -19.37	40.18 2.21 -9.63	41.88 2.32 -7.72	58.03 3.09 -18.53	54.84 3.96 -3.74	57.90 4.40 -0.48	53.84 3.97 -1.50	43.19 3.04 -2.56	39.37 2.67 -2.85	37.10 2.33 -3.34
NYPA__ASTORIA_CC1 323568	36.35 1.80 -0.01	34.39 1.70 -0.01	33.26 1.55 -0.01	33.61 1.63 -0.01	34.36 1.67 -0.01	36.68 2.21 -0.43	54.42 3.08 -0.01	64.38 3.76 0.00	51.16 3.21 -0.74	53.66 2.42 -16.62	37.13 2.08 -3.07	36.36 1.99 -5.87	38.81 1.92 -9.44	39.34 1.96 -10.21	41.78 1.90 -13.89	36.19 2.18 -5.67	38.43 2.29 -4.30	53.66 3.06 -14.19	53.66 3.96 -2.56	57.66 4.40 -0.24	53.09 3.97 -0.75	41.14 3.04 -0.52	37.07 2.64 -0.58	34.40 2.29 -0.68
NYPA__ASTORIA_CC2 323569	36.35 1.80 -0.01	34.39 1.70 -0.01	33.26 1.55 -0.01	33.61 1.63 -0.01	34.36 1.67 -0.01	36.68 2.21 -0.43	54.42 3.08 -0.01	64.38 3.76 0.00	51.16 3.21 -0.74	53.66 2.42 -16.62	37.13 2.08 -3.07	36.36 1.99 -5.87	38.81 1.92 -9.44	39.34 1.96 -10.21	41.78 1.90 -13.89	36.19 2.18 -5.67	38.43 2.29 -4.30	53.66 3.06 -14.19	53.66 3.96 -2.56	57.66 4.40 -0.24	53.09 3.97 -0.75	41.14 3.04 -0.52	37.07 2.64 -0.58	34.40 2.29 -0.68
NYPA__HOLTSVILL 23794	36.21 1.66 0.00	34.22 1.54 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.09 1.40 0.00	36.45 2.42 0.00	54.31 2.98 0.00	64.07 3.45 0.00	50.32 3.11 0.00	36.39 1.76 0.00	33.42 1.44 0.00	29.89 1.40 0.00	28.65 1.21 0.00	28.25 1.09 0.01	27.10 1.12 0.00	30.01 1.67 0.00	33.74 1.91 0.00	39.32 2.91 0.00	50.82 3.68 0.00	57.31 4.29 0.00	52.82 4.45 0.00	43.82 3.53 -2.71	36.86 3.01 0.00	33.66 2.23 0.00
NYPA__HELLGATE_GT1 24158	36.07 1.52 -0.01	34.20 1.50 -0.01	33.04 1.33 -0.01	33.43 1.44 -0.01	34.16 1.47 -0.01	36.02 1.97 -0.01	54.01 2.67 -0.01	64.00 3.39 0.01	50.22 3.02 0.01	36.90 2.28 0.01	33.97 1.98 -0.01	30.41 1.91 -0.01	29.32 1.87 -0.01	29.08 1.90 -0.01	27.84 1.85 -0.01	30.47 2.13 -0.01	34.07 2.23 -0.01	39.35 2.95 0.01	50.91 3.77 0.01	57.20 4.19 0.01	52.14 3.78 0.01	40.44 2.85 -0.01	36.03 2.17 -0.01	33.58 2.14 -0.01
NYPA__HELLGATE_GT2 24159	36.07 1.52 -0.01	34.20 1.50 -0.01	33.04 1.33 -0.01	33.43 1.44 -0.01	34.16 1.47 -0.01	36.02 1.97 -0.01	54.01 2.67 -0.01	64.00 3.39 0.01	50.22 3.02 0.01	36.90 2.28 0.01	33.97 1.98 -0.01	30.41 1.91 -0.01	29.32 1.87 -0.01	29.08 1.90 -0.01	27.84 1.85 -0.01	30.47 2.13 -0.01	34.07 2.23 -0.01	39.35 2.95 0.01	50.91 3.77 0.01	57.20 4.19 0.01	52.14 3.78 0.01	40.44 2.85 -0.01	36.03 2.17 -0.01	33.58 2.14 -0.01
NYS_BARGE__HYD 23848	32.30 -2.25 0.00	30.17 -2.52 0.00	29.45 -2.25 0.00	29.55 -2.43 0.00	30.43 -2.25 0.00	31.83 -2.21 0.00	46.76 -4.57 0.00	54.61 -6.00 0.00	42.44 -4.77 0.00	31.68 -2.94 0.00	29.33 -2.65 0.00	26.04 -2.45 0.00	25.03 -2.42 0.00	24.83 -2.34 0.00	23.65 -2.34 0.00	25.42 -2.92 0.00	28.62 -3.21 0.00	32.51 -3.89 0.00	41.85 -5.28 0.01	46.69 -6.26 0.07	40.07 -5.71 2.60	33.30 -4.25 0.03	30.19 -3.66 0.00	28.51 -2.92 0.00

OAK ORCHARD___HYD 24046	33.23 -1.31 0.00	31.18 -1.50 0.00	30.37 -1.33 0.00	30.54 -1.44 0.00	31.34 -1.34 0.00	32.81 -1.22 0.00	48.82 -2.51 0.00	57.34 -3.27 0.00	44.61 -2.60 0.00	33.03 -1.59 0.00	30.57 -1.41 0.00	27.15 -1.34 0.00	26.13 -1.32 0.00	25.89 -1.28 0.00	24.66 -1.32 0.00	26.72 -1.61 0.00	30.08 -1.75 0.00	34.26 -2.15 0.00	44.18 -2.97 0.00	49.67 -3.34 0.01	44.74 -3.00 0.63	35.33 -2.25 0.00	31.79 -2.07 0.00	29.79 -1.64 0.00
OAKDALE___35_KV_LOAD 356122	34.27 -0.28 0.00	32.26 -0.42 0.00	31.38 -0.32 0.00	31.59 -0.38 0.00	32.32 -0.36 0.00	33.94 -0.10 0.00	50.82 -0.51 0.00	60.01 -0.61 0.00	46.50 -0.71 0.00	34.24 -0.38 0.00	31.60 -0.38 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.88 -0.45 0.00	31.32 -0.51 0.00	35.82 -0.58 0.00	46.39 -0.75 0.00	52.11 -0.90 0.01	46.83 -0.87 0.67	36.94 -0.64 0.00	33.31 -0.54 0.00	31.02 -0.41 0.00
OCC_CHEM___DRP 24175	32.09 -2.45 0.00	29.91 -2.78 0.00	29.35 -2.35 0.00	29.45 -2.53 0.00	30.04 -2.65 0.00	31.65 -2.38 0.00	46.25 -5.08 0.00	53.89 -6.73 0.00	41.92 -5.29 0.00	31.44 -3.19 0.00	29.14 -2.85 0.00	25.93 -2.56 0.00	24.90 -2.55 0.00	24.73 -2.45 0.00	23.54 -2.44 0.00	25.42 -2.92 0.00	28.46 -3.37 0.00	32.37 -4.04 0.00	41.43 -5.70 0.01	46.38 -6.57 0.07	39.85 -6.00 2.53	33.08 -4.47 0.03	30.13 -3.72 0.00	28.38 -3.05 0.00
OH_GEN_PROXY 24063	32.27 -2.28 0.00	30.13 -2.55 0.00	29.45 -2.25 0.00	29.55 -2.43 0.00	30.36 -2.32 0.00	31.76 -2.28 0.00	46.66 -4.67 0.00	54.50 -6.12 0.00	42.39 -4.82 0.00	31.68 -2.94 0.00	29.33 -2.65 0.00	26.07 -2.42 0.00	25.06 -2.39 0.00	24.89 -2.28 0.00	23.70 -2.29 0.00	25.48 -2.86 0.00	28.68 -3.15 0.00	32.55 -3.86 0.00	41.90 -5.23 0.01	46.70 -6.26 0.06	40.34 -5.66 2.37	33.35 -4.21 0.03	30.23 -3.62 0.00	28.54 -2.89 0.00
OLIN_CORP_DRP 24177	31.85 -2.69 0.00	29.68 -3.01 0.00	29.10 -2.60 0.00	29.19 -2.78 0.00	29.81 -2.88 0.00	31.42 -2.62 0.00	45.94 -5.39 0.00	53.52 -7.09 0.00	41.59 -5.62 0.00	31.16 -3.46 0.00	28.91 -3.07 0.00	25.70 -2.79 0.00	24.70 -2.74 0.00	24.51 -2.66 0.00	23.34 -2.65 0.00	25.19 -3.15 0.00	28.24 -3.60 0.00	32.11 -4.30 0.00	41.10 -6.03 0.01	46.01 -6.95 0.07	39.49 -6.39 2.50	32.82 -4.73 0.03	29.89 -3.96 0.00	28.16 -3.27 0.00
OLIN_CORP_DSASP 323712	32.16 -2.38 0.00	30.04 -2.65 0.00	29.35 -2.35 0.00	29.45 -2.53 0.00	30.30 -2.38 0.00	31.69 -2.35 0.00	46.45 -4.88 0.00	54.13 -6.48 0.00	42.15 -5.05 0.00	31.54 -3.08 0.00	29.20 -2.78 0.00	25.96 -2.54 0.00	24.95 -2.50 0.00	24.78 -2.39 0.00	23.60 -2.39 0.00	25.33 -3.00 0.00	28.52 -3.31 0.00	32.33 -4.08 0.00	41.62 -5.52 0.01	46.38 -6.58 0.07	39.85 -6.00 2.53	33.12 -4.43 0.03	30.03 -3.83 0.00	28.41 -3.02 0.00
ONEIDA_HERK_LFGE 323681	34.86 0.31 0.00	32.98 0.29 0.00	31.95 0.25 0.00	32.26 0.29 0.00	33.04 0.36 0.00	34.38 0.34 0.00	52.00 0.67 0.00	61.40 0.79 0.00	47.54 0.33 0.00	34.48 -0.14 0.00	31.89 -0.10 0.00	28.32 -0.17 0.00	27.28 -0.16 0.00	27.01 -0.16 0.00	25.78 -0.21 0.00	28.20 -0.14 0.00	31.77 -0.06 0.00	36.48 0.07 0.00	47.48 0.33 0.00	53.55 0.53 0.00	48.86 0.48 0.00	37.92 0.34 0.00	34.71 0.14 -0.72	32.33 0.09 -0.81
ONEIDA___115KV_TB4 55905	35.10 0.55 0.00	33.14 0.46 0.00	32.18 0.48 0.00	32.42 0.45 0.00	33.21 0.52 0.00	34.79 0.75 0.00	52.41 1.08 0.00	61.95 1.33 0.00	47.91 0.71 0.00	34.83 0.21 0.00	32.21 0.22 0.00	28.60 0.11 0.00	27.56 0.11 0.00	27.28 0.11 0.00	26.04 0.05 0.00	28.48 0.14 0.00	32.12 0.29 0.00	36.81 0.40 0.00	47.90 0.75 0.00	53.98 0.95 0.00	49.25 0.87 0.00	38.22 0.64 0.00	34.29 0.44 0.00	31.87 0.44 0.00
ONONDAGA_REF_OCCRA 23987	34.10 -0.45 0.00	32.13 -0.56 0.00	31.22 -0.48 0.00	31.47 -0.51 0.00	32.19 -0.49 0.00	33.77 -0.27 0.00	50.51 -0.82 0.00	59.71 -0.91 0.00	46.35 -0.85 0.00	34.10 -0.52 0.00	31.57 -0.42 0.00	28.06 -0.43 0.00	27.04 -0.41 0.00	26.74 -0.43 0.00	25.57 -0.42 0.00	27.88 -0.45 0.00	31.36 -0.48 0.00	35.71 -0.69 0.00	46.25 -0.90 0.00	52.02 -1.01 0.00	47.76 -0.92 -0.30	36.87 -0.71 0.00	33.17 -0.68 0.00	30.93 -0.50 0.00
ONONDAGA___COGEN 23986	34.17 -0.38 0.00	32.23 -0.46 0.00	31.29 -0.41 0.00	31.53 -0.45 0.00	32.26 -0.42 0.00	33.80 -0.24 0.00	50.61 -0.72 0.00	59.77 -0.85 0.00	46.40 -0.80 0.00	34.14 -0.48 0.00	31.63 -0.35 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.94 -0.40 0.00	31.39 -0.45 0.00	35.75 -0.66 0.00	46.30 -0.85 0.00	52.01 -1.01 0.00	47.46 -0.92 0.00	36.90 -0.68 0.00	33.21 -0.64 0.00	30.96 -0.47 0.00
ONTARIO___LFGE 23819	34.06 -0.48 0.00	32.00 -0.69 0.00	31.13 -0.57 0.00	31.34 -0.64 0.00	32.16 -0.52 0.00	33.76 -0.27 0.00	50.61 -0.72 0.00	59.46 -1.15 0.00	46.12 -1.08 0.00	33.96 -0.66 0.00	31.34 -0.64 0.00	27.78 -0.71 0.00	26.71 -0.74 0.00	26.38 -0.79 0.00	25.18 -0.81 0.00	27.40 -0.93 0.00	30.88 -0.95 0.00	35.28 -1.13 0.00	45.83 -1.32 -0.01	51.39 -1.64 -0.01	46.61 -1.45 0.32	36.47 -1.13 -0.02	32.74 -1.12 0.00	30.58 -0.85 0.00
ORANGEVILLE_WT_PWR 323706	32.48 -2.07 0.00	30.36 -2.32 0.00	29.61 -2.09 0.00	29.71 -2.27 0.00	30.49 -2.19 0.00	31.96 -2.08 0.00	47.22 -4.11 0.00	55.28 -5.33 0.00	42.72 -4.49 0.00	31.64 -2.98 0.00	29.20 -2.78 0.00	25.90 -2.59 0.00	24.81 -2.64 0.00	24.56 -2.61 0.00	23.36 -2.62 0.00	25.22 -3.12 0.00	28.46 -3.38 0.00	32.44 -3.97 0.00	41.94 -5.14 0.07	46.53 -6.10 0.40	30.07 -5.61 12.69	33.14 -4.25 0.19	30.16 -3.69 0.00	28.38 -3.05 0.00
ORANGEVILLE___ESR 323794	32.48 -2.07 0.00	30.36 -2.32 0.00	29.61 -2.09 0.00	29.71 -2.27 0.00	30.49 -2.19 0.00	31.96 -2.08 0.00	47.22 -4.11 0.00	55.28 -5.33 0.00	42.72 -4.49 0.00	31.64 -2.98 0.00	29.20 -2.78 0.00	25.90 -2.59 0.00	24.81 -2.64 0.00	24.56 -2.61 0.00	23.36 -2.62 0.00	25.22 -3.12 0.00	28.46 -3.38 0.00	32.44 -3.97 0.00	41.94 -5.14 0.07	46.53 -6.10 0.40	30.07 -5.61 12.69	33.14 -4.25 0.19	30.16 -3.69 0.00	28.38 -3.05 0.00
OSWEGATCHIE___HYD 24044	33.89 -0.66 0.00	32.06 -0.62 0.00	31.07 -0.63 0.00	31.37 -0.61 0.00	32.13 -0.56 0.00	33.08 -0.95 0.00	50.41 -0.92 0.00	59.46 -1.15 0.00	46.07 -1.13 0.00	33.41 -1.21 0.00	30.93 -1.05 0.00	27.47 -1.02 0.00	26.43 -1.02 0.00	26.14 -1.03 0.00	24.90 -1.09 0.00	27.15 -1.19 0.00	30.56 -1.27 0.00	35.02 -1.38 0.00	45.59 -1.55 0.00	51.48 -1.54 0.00	47.02 -1.35 0.00	36.45 -1.13 0.00	36.02 -1.22 -3.38	34.08 -1.16 -3.81
OSWEGO___5 23606	33.69 -0.86 0.00	31.80 -0.88 0.00	30.88 -0.82 0.00	31.12 -0.86 0.00	31.83 -0.85 0.00	33.29 -0.75 0.00	49.95 -1.38 0.00	58.98 -1.63 0.00	45.83 -1.37 0.00	33.76 -0.86 0.00	31.25 -0.73 0.00	27.78 -0.71 0.00	26.76 -0.69 0.00	26.49 -0.68 0.00	25.31 -0.68 0.00	27.57 -0.76 0.00	31.01 -0.83 0.00	35.21 -1.20 0.00	45.59 -1.55 0.00	51.22 -1.80 0.00	46.73 -1.64 0.00	36.34 -1.24 0.00	32.74 -1.12 0.00	30.52 -0.91 0.00

OSWEGO___6 23613	33.69 -0.86 0.00	31.80 -0.88 0.00	30.88 -0.82 0.00	31.12 -0.86 0.00	31.83 -0.85 0.00	33.29 -0.75 0.00	49.95 -1.38 0.00	58.98 -1.63 0.00	45.83 -1.37 0.00	33.76 -0.86 0.00	31.25 -0.73 0.00	27.78 -0.71 0.00	26.76 -0.69 0.00	26.49 -0.68 0.00	25.31 -0.68 0.00	27.57 -0.76 0.00	31.01 -0.83 0.00	35.21 -1.20 0.00	45.59 -1.55 0.00	51.22 -1.80 0.00	46.73 -1.64 0.00	36.34 -1.24 0.00	32.74 -1.12 0.00	30.52 -0.91 0.00
OUTOKUMPU-AB___DRP 24206	32.65 -1.90 0.00	30.40 -2.29 0.00	29.80 -1.90 0.00	29.90 -2.08 0.00	30.56 -2.12 0.00	32.23 -1.80 0.00	47.23 -4.11 0.00	55.10 -5.52 0.00	42.77 -4.44 0.00	32.06 -2.56 0.00	29.68 -2.30 0.00	26.38 -2.11 0.00	25.33 -2.11 0.00	25.13 -2.04 0.00	23.93 -2.05 0.00	25.84 -2.49 0.00	28.94 -2.90 0.00	32.98 -3.42 0.00	42.14 -5.00 0.01	47.23 -5.73 0.07	40.68 -5.22 2.47	33.64 -3.91 0.03	30.60 -3.25 0.00	28.82 -2.61 0.00
OXBOW___BTM 323836	32.37 -2.18 0.00	30.23 -2.45 0.00	29.54 -2.16 0.00	29.64 -2.33 0.00	30.49 -2.19 0.00	31.93 -2.11 0.00	46.81 -4.52 0.00	54.61 -6.00 0.00	42.53 -4.67 0.00	31.82 -2.80 0.00	29.45 -2.53 0.00	26.16 -2.34 0.00	25.14 -2.31 0.00	24.94 -2.23 0.00	23.75 -2.24 0.00	25.50 -2.83 0.00	28.72 -3.12 0.00	32.62 -3.79 0.00	41.95 -5.19 0.01	46.75 -6.20 0.07	40.22 -5.66 2.50	33.34 -4.21 0.03	30.26 -3.59 0.00	28.57 -2.86 0.00
OXBOW____ 24026	32.34 -2.21 0.00	30.10 -2.58 0.00	29.54 -2.16 0.00	29.61 -2.37 0.00	30.23 -2.45 0.00	31.89 -2.14 0.00	46.66 -4.67 0.00	54.43 -6.18 0.00	42.29 -4.91 0.00	31.71 -2.91 0.00	29.39 -2.59 0.00	26.13 -2.36 0.00	25.09 -2.36 0.00	24.92 -2.26 0.00	23.70 -2.29 0.00	25.59 -2.75 0.00	28.68 -3.15 0.00	32.62 -3.79 0.00	41.76 -5.37 0.01	46.75 -6.20 0.07	40.22 -5.66 2.50	33.31 -4.25 0.03	30.33 -3.52 0.00	28.57 -2.86 0.00
OXY_CHEM_DSASP 323612	32.09 -2.45 0.00	29.91 -2.78 0.00	29.35 -2.35 0.00	29.45 -2.53 0.00	30.04 -2.65 0.00	31.65 -2.38 0.00	46.25 -5.08 0.00	53.89 -6.73 0.00	41.92 -5.29 0.00	31.44 -3.19 0.00	29.14 -2.85 0.00	25.93 -2.56 0.00	24.90 -2.55 0.00	24.73 -2.45 0.00	23.54 -2.44 0.00	25.42 -2.92 0.00	28.46 -3.37 0.00	32.37 -4.04 0.00	41.43 -5.70 0.01	46.38 -6.57 0.07	39.85 -6.00 2.53	33.08 -4.47 0.03	30.13 -3.72 0.00	28.38 -3.05 0.00
OZONE_PARK_ESR 323760	36.38 1.83 0.00	34.42 1.73 0.00	33.28 1.58 0.00	33.61 1.63 0.00	34.42 1.73 0.00	36.28 2.25 0.00	54.72 3.39 0.00	64.92 4.30 0.00	50.70 3.49 0.00	37.29 2.67 0.00	34.19 2.21 0.00	30.63 2.14 0.00	29.51 2.06 0.00	29.24 2.06 0.00	28.01 2.03 0.00	30.60 2.27 0.00	34.29 2.45 0.00	39.54 3.13 0.00	51.25 4.10 0.00	57.58 4.56 0.00	52.49 4.11 0.00	40.66 3.08 0.00	36.56 2.71 0.00	33.79 2.36 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	32.09 -2.45 0.00	29.91 -2.78 0.00	29.35 -2.35 0.00	29.45 -2.53 0.00	30.04 -2.65 0.00	31.65 -2.38 0.00	46.25 -5.08 0.00	53.89 -6.73 0.00	41.92 -5.29 0.00	31.44 -3.19 0.00	29.14 -2.85 0.00	25.93 -2.56 0.00	24.90 -2.55 0.00	24.73 -2.45 0.00	23.54 -2.44 0.00	25.42 -2.92 0.00	28.46 -3.37 0.00	32.37 -4.04 0.00	41.43 -5.70 0.01	46.38 -6.57 0.07	39.85 -6.00 2.53	33.08 -4.47 0.03	30.13 -3.72 0.00	28.38 -3.05 0.00
PACKARD___I15KV_DUPONT_I84 80571	32.09 -2.45 0.00	29.91 -2.78 0.00	29.35 -2.35 0.00	29.45 -2.53 0.00	30.04 -2.65 0.00	31.65 -2.38 0.00	46.25 -5.08 0.00	53.89 -6.73 0.00	41.92 -5.29 0.00	31.44 -3.19 0.00	29.14 -2.85 0.00	25.93 -2.56 0.00	24.90 -2.55 0.00	24.73 -2.45 0.00	23.54 -2.44 0.00	25.42 -2.92 0.00	28.46 -3.37 0.00	32.37 -4.04 0.00	41.43 -5.70 0.01	46.38 -6.57 0.07	39.85 -6.00 2.53	33.08 -4.47 0.03	30.13 -3.72 0.00	28.38 -3.05 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	36.25 1.69 -0.01	34.36 1.67 -0.01	33.17 1.46 -0.01	33.52 1.53 -0.01	34.33 1.63 -0.01	36.12 2.08 -0.01	54.42 3.08 -0.01	64.44 3.82 0.00	50.45 3.26 0.01	37.07 2.46 0.01	34.04 2.05 -0.01	30.46 1.97 -0.01	29.35 1.89 -0.01	29.08 1.90 -0.01	27.87 1.87 -0.01	30.44 2.10 -0.01	34.13 2.29 -0.01	39.31 2.91 0.01	50.95 3.82 0.01	57.20 4.19 0.01	52.19 3.82 0.01	40.48 2.89 -0.01	36.40 2.54 -0.01	33.64 2.20 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	36.46 1.90 -0.01	34.56 1.86 -0.01	33.36 1.65 -0.01	33.71 1.73 -0.01	34.56 1.86 -0.01	36.33 2.28 -0.01	54.73 3.39 -0.01	64.80 4.18 0.00	50.74 3.54 0.01	37.25 2.63 0.01	34.16 2.17 -0.01	30.58 2.08 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.56 2.21 -0.01	34.23 2.39 -0.01	39.42 3.02 0.01	51.14 4.01 0.01	57.41 4.40 0.01	52.38 4.02 0.01	40.63 3.04 -0.01	36.53 2.67 -0.01	33.79 2.36 -0.01
PATROON___I15KV_TB1 80586	35.13 0.59 0.00	33.37 0.69 0.00	32.37 0.67 0.00	32.68 0.70 0.00	33.44 0.75 0.00	35.09 1.06 0.00	52.62 1.28 0.00	62.19 1.58 0.00	48.43 1.23 0.00	35.45 0.83 0.00	32.65 0.67 0.00	29.09 0.60 0.00	27.97 0.52 0.00	27.74 0.57 0.00	26.59 0.60 0.00	29.07 0.74 0.00	32.73 0.89 0.00	37.57 1.17 0.00	48.61 1.46 0.00	54.77 1.75 0.00	49.97 1.60 0.00	38.82 1.24 0.00	35.00 1.15 0.00	32.50 1.07 0.00
PATTRSNVILLE___SOLAR 323815	35.51 0.97 0.00	33.60 0.91 0.00	32.59 0.89 0.00	32.90 0.93 0.00	33.66 0.98 0.00	35.53 1.50 0.00	53.54 2.21 0.00	62.92 2.30 0.00	48.67 1.46 0.00	35.17 0.55 0.00	32.33 0.35 0.00	28.69 0.20 0.00	27.72 0.27 0.00	27.50 0.33 0.00	26.40 0.41 0.00	28.93 0.60 0.00	32.66 0.83 0.00	37.79 1.38 0.00	48.93 1.79 0.00	55.25 2.23 0.00	50.41 2.03 0.00	39.12 1.54 0.00	35.17 1.32 0.00	32.59 1.16 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	33.03 -1.52 0.00	30.76 -1.93 0.00	30.11 -1.58 0.00	30.25 -1.73 0.00	30.92 -1.76 0.00	32.61 -1.43 0.00	48.00 -3.34 0.00	56.19 -4.43 0.00	43.47 -3.73 0.00	32.54 -2.08 0.00	30.13 -1.85 0.00	26.75 -1.74 0.00	25.69 -1.76 0.00	25.49 -1.68 0.00	24.25 -1.74 0.00	26.21 -2.13 0.00	29.32 -2.51 0.00	33.46 -2.95 0.00	42.47 -4.67 0.01	47.61 -5.36 0.05	41.31 -4.89 2.18	33.88 -3.68 0.02	31.04 -2.81 0.00	29.20 -2.23 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	36.14 1.59 0.00	34.25 1.57 0.00	33.13 1.43 0.00	33.42 1.44 0.00	34.29 1.60 0.00	36.08 2.04 0.00	54.41 3.08 0.00	64.37 3.76 0.00	50.22 3.02 0.00	36.77 2.15 0.00	33.68 1.70 0.00	30.11 1.62 0.00	29.04 1.59 0.00	28.77 1.60 0.00	27.60 1.61 0.00	30.18 1.84 0.00	33.90 2.07 0.00	39.06 2.66 0.00	50.77 3.63 0.00	57.16 4.14 0.00	52.05 3.68 0.00	40.40 2.82 0.00	36.26 2.40 0.00	33.47 2.04 0.00
PEEKSKILL____ 23653	35.76 1.21 0.00	33.83 1.14 0.00	32.78 1.08 0.00	33.06 1.09 0.00	33.83 1.14 0.00	35.67 1.63 0.00	53.54 2.21 0.00	63.41 2.79 0.00	49.47 2.27 0.00	36.28 1.66 0.00	33.36 1.37 0.00	29.83 1.34 0.00	28.77 1.32 0.00	28.50 1.33 0.00	27.31 1.32 0.00	29.90 1.56 0.00	33.49 1.65 0.00	38.66 2.26 0.00	50.12 2.97 0.00	56.42 3.40 0.00	51.43 3.05 0.00	39.95 2.37 0.00	35.92 2.07 0.00	33.16 1.73 0.00

PGE MADISON___WINDPWR 24146	36.34 1.80 0.00	34.22 1.54 0.00	33.22 1.52 0.00	33.48 1.50 0.00	34.38 1.70 0.00	36.25 2.21 0.00	54.77 3.44 0.00	64.62 4.00 0.00	49.38 2.17 0.00	35.31 0.69 0.00	32.49 0.51 0.00	28.69 0.20 0.00	27.59 0.14 0.00	27.25 0.08 0.00	25.96 -0.03 0.00	28.48 0.14 0.00	32.25 0.41 0.00	37.24 0.84 0.00	48.75 1.60 0.00	54.97 1.91 -0.04	52.05 1.69 -1.98	38.79 1.20 -0.01	34.56 0.71 0.00	32.15 0.72 0.00
PIERCEFIELD___HYD 23852	34.10 -0.45 0.00	32.32 -0.36 0.00	31.32 -0.38 0.00	31.63 -0.35 0.00	32.32 -0.36 0.00	33.15 -0.88 0.00	50.72 -0.62 0.00	59.83 -0.79 0.00	46.54 -0.66 0.00	33.86 -0.76 0.00	31.41 -0.58 0.00	27.92 -0.57 0.00	26.84 -0.60 0.00	26.55 -0.62 0.00	25.26 -0.73 0.00	27.46 -0.88 0.00	30.88 -0.96 0.00	35.28 -1.13 0.00	45.68 -1.46 0.00	51.43 -1.59 0.00	47.02 -1.35 0.00	36.45 -1.13 0.00	37.72 -1.08 -4.95	35.90 -1.10 -5.58
PINELAWN_CC_1 323563	36.34 1.80 0.00	34.32 1.63 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.19 1.50 0.00	36.42 2.38 0.00	54.36 3.03 0.00	64.19 3.58 0.00	50.41 3.21 0.00	36.59 1.97 0.00	33.64 1.66 0.00	30.06 1.57 0.00	28.87 1.43 0.00	28.52 1.36 0.01	27.36 1.38 0.00	30.21 1.87 0.00	33.93 2.10 0.00	39.50 3.09 0.00	51.01 3.87 0.00	57.48 4.45 0.00	52.78 4.40 0.00	43.82 3.53 -2.71	36.83 2.98 0.00	33.75 2.33 0.00
PJM_GEN_HTP_PROXY 323702	36.10 1.56 0.00	34.16 1.47 0.00	33.03 1.33 0.00	33.38 1.41 0.00	34.12 1.44 0.00	36.01 1.97 0.00	54.10 2.77 0.00	64.07 3.45 0.00	50.13 2.93 0.00	36.84 2.22 0.00	33.84 1.85 0.00	30.32 1.83 0.00	29.21 1.76 0.00	28.96 1.79 0.00	27.73 1.74 0.00	30.35 2.01 0.00	33.93 2.10 0.00	39.25 2.84 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.01 3.63 0.00	40.36 2.78 0.00	36.29 2.44 0.00	33.54 2.11 0.00
PJM_GEN_KEystone 24065	34.27 -0.28 0.00	32.26 -0.43 0.00	31.32 -0.38 0.00	31.56 -0.42 0.00	32.33 -0.36 0.00	34.00 -0.03 0.00	50.72 -0.61 0.00	59.83 -0.79 0.00	46.50 -0.71 0.00	34.38 -0.24 0.00	31.69 -0.29 0.00	28.26 -0.23 0.00	27.20 -0.25 0.00	26.95 -0.22 0.00	25.78 -0.21 0.00	28.03 -0.31 0.00	31.42 -0.41 0.00	36.08 -0.33 0.00	46.72 -0.43 0.00	52.38 -0.63 0.01	47.16 -0.63 0.59	37.13 -0.45 0.00	33.48 -0.37 0.00	31.21 -0.22 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.03 1.48 0.00	34.06 1.37 0.00	32.93 1.24 0.00	33.29 1.31 0.00	33.96 1.27 0.00	36.08 2.04 0.00	53.85 2.51 0.00	63.65 3.03 0.00	49.99 2.78 0.00	36.42 1.80 0.00	33.48 1.50 0.00	29.94 1.45 0.00	28.79 1.34 0.00	28.49 1.33 0.01	27.31 1.32 0.00	30.07 1.73 0.00	33.74 1.91 0.00	39.17 2.77 0.00	50.54 3.40 0.00	56.94 3.92 0.00	52.15 3.78 0.00	42.09 3.04 -1.47	36.46 2.61 0.00	33.47 2.04 0.00
PJM_GEN_VFT_PROXY 323633	35.93 1.38 0.00	33.96 1.27 0.00	32.87 1.17 0.00	33.22 1.25 0.00	33.93 1.24 0.00	35.84 1.80 0.00	53.80 2.46 0.00	63.77 3.15 0.00	49.94 2.74 0.00	36.70 2.08 0.00	33.74 1.76 0.00	30.23 1.74 0.00	29.15 1.70 0.00	28.91 1.74 0.00	27.68 1.69 0.00	30.29 1.95 0.00	33.84 2.01 0.00	39.10 2.69 0.00	50.58 3.44 0.00	56.84 3.82 0.00	51.81 3.44 0.00	40.21 2.63 0.00	36.09 2.23 0.00	33.38 1.95 0.00
PLATSBURG_115KV_PMLD1 355749	35.72 1.17 0.00	33.86 1.18 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.93 1.24 0.00	34.96 0.92 0.00	52.41 1.08 0.00	60.74 0.12 0.00	47.86 0.66 0.00	35.45 0.83 0.00	32.94 0.96 0.00	29.32 0.83 0.00	28.13 0.69 0.00	27.63 0.46 0.00	26.12 0.13 0.00	28.20 -0.14 0.00	31.55 -0.29 0.00	35.82 -0.58 0.00	46.15 -0.99 0.00	51.54 -1.48 0.00	46.73 -1.64 0.00	35.96 -1.62 0.00	0.07 -1.59 32.19	-6.37 -1.54 36.26
PLEASANTVLY___LBMP 24000	35.72 1.17 0.00	33.86 1.18 0.00	32.75 1.05 0.00	33.06 1.09 0.00	33.86 1.18 0.00	35.64 1.60 0.00	53.54 2.21 0.00	63.47 2.85 0.00	49.52 2.31 0.00	36.32 1.70 0.00	33.32 1.34 0.00	29.77 1.28 0.00	28.71 1.26 0.00	28.45 1.28 0.00	27.26 1.27 0.00	29.81 1.47 0.00	33.46 1.62 0.00	38.55 2.15 0.00	49.97 2.83 0.00	56.20 3.18 0.00	51.28 2.90 0.00	39.83 2.25 0.00	35.78 1.93 0.00	33.09 1.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.96 1.42 0.00	34.06 1.37 0.00	32.94 1.24 0.00	33.26 1.28 0.00	34.06 1.37 0.00	35.88 1.84 0.00	54.00 2.67 0.00	64.01 3.39 0.00	49.99 2.78 0.00	36.66 2.04 0.00	33.64 1.66 0.00	30.09 1.60 0.00	29.01 1.56 0.00	28.72 1.55 0.00	27.55 1.56 0.00	30.09 1.76 0.00	33.78 1.94 0.00	38.92 2.51 0.00	50.49 3.35 0.00	56.73 3.71 0.00	51.76 3.39 0.00	40.13 2.56 0.00	36.09 2.23 0.00	33.35 1.92 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.96 1.42 0.00	34.06 1.37 0.00	32.94 1.24 0.00	33.26 1.28 0.00	34.06 1.37 0.00	35.88 1.84 0.00	54.00 2.67 0.00	64.01 3.39 0.00	49.99 2.78 0.00	36.66 2.04 0.00	33.64 1.66 0.00	30.09 1.60 0.00	29.01 1.56 0.00	28.72 1.55 0.00	27.55 1.56 0.00	30.09 1.76 0.00	33.78 1.94 0.00	38.92 2.51 0.00	50.49 3.35 0.00	56.73 3.71 0.00	51.76 3.39 0.00	40.13 2.56 0.00	36.09 2.23 0.00	33.35 1.92 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.83 1.28 0.00	33.96 1.27 0.00	32.87 1.17 0.00	33.16 1.18 0.00	33.99 1.31 0.00	35.77 1.74 0.00	53.85 2.52 0.00	63.71 3.09 0.00	49.70 2.50 0.00	36.39 1.77 0.00	33.36 1.38 0.00	29.77 1.28 0.00	28.71 1.26 0.00	28.45 1.28 0.00	27.29 1.30 0.00	29.84 1.50 0.00	33.49 1.66 0.00	38.66 2.26 0.00	50.16 3.02 0.00	56.41 3.39 0.00	51.47 3.10 0.00	39.98 2.41 0.00	35.92 2.06 0.00	33.19 1.76 0.00
POLETTI___ 23519	36.21 1.66 0.00	34.29 1.60 0.00	33.13 1.43 0.00	33.48 1.50 0.00	34.29 1.60 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.44 3.82 0.00	50.32 3.12 0.00	37.01 2.39 0.00	33.96 1.98 0.00	30.40 1.91 0.00	29.29 1.84 0.00	29.02 1.85 0.00	27.81 1.82 0.00	30.38 2.04 0.00	34.03 2.20 0.00	39.21 2.80 0.00	50.82 3.68 0.00	57.10 4.08 0.00	52.05 3.68 0.00	40.40 2.82 0.00	36.36 2.51 0.00	33.60 2.17 0.00
POMONA___ESR 323819	35.72 1.18 0.00	33.80 1.11 0.00	32.71 1.01 0.00	33.03 1.05 0.00	33.76 1.08 0.00	35.64 1.60 0.00	53.49 2.16 0.00	63.41 2.79 0.00	49.42 2.22 0.00	36.28 1.66 0.00	33.32 1.34 0.00	29.80 1.31 0.00	28.74 1.29 0.00	28.47 1.30 0.00	27.29 1.30 0.00	29.87 1.53 0.00	33.43 1.59 0.00	38.63 2.22 0.00	50.07 2.92 0.00	56.36 3.34 0.00	51.38 3.00 0.00	39.91 2.33 0.00	35.85 2.00 0.00	33.13 1.70 0.00
PORT_JEFF_3 23555	36.41 1.86 0.00	34.38 1.70 0.00	33.25 1.55 0.00	33.61 1.63 0.00	34.25 1.57 0.00	36.66 2.62 0.00	54.62 3.29 0.00	64.44 3.82 0.00	50.41 3.21 0.00	36.39 1.76 0.00	33.42 1.44 0.00	30.00 1.51 0.00	28.77 1.32 0.00	28.33 1.17 0.01	27.18 1.20 0.00	30.12 1.79 0.00	33.87 2.04 0.00	39.54 3.13 0.00	51.15 4.00 0.00	57.69 4.67 0.00	53.26 4.88 0.00	44.13 3.83 -2.71	37.10 3.25 0.00	33.82 2.39 0.00

PORT_JEFF_4 23616	36.31 1.76 0.00	34.29 1.60 0.00	33.16 1.46 0.00	33.54 1.57 0.00	34.19 1.50 0.00	36.56 2.52 0.00	54.46 3.13 0.00	64.25 3.64 0.00	50.41 3.21 0.00	36.42 1.80 0.00	33.45 1.47 0.00	29.94 1.45 0.00	28.71 1.26 0.00	28.30 1.14 0.01	27.16 1.17 0.00	30.07 1.73 0.00	33.81 1.97 0.00	39.43 3.02 0.00	51.01 3.87 0.00	57.53 4.50 0.00	53.02 4.64 0.00	43.98 3.68 -2.71	36.96 3.11 0.00	33.75 2.33 0.00
PORT_JEFF_IC 23713	36.38 1.83 0.00	34.74 2.06 0.00	33.32 1.62 0.00	33.58 1.60 0.00	34.74 2.06 0.00	36.66 2.62 0.00	55.23 3.90 0.00	65.16 4.55 0.00	50.74 3.54 0.00	36.60 1.97 0.00	33.80 1.82 0.00	30.09 1.60 0.00	28.85 1.40 0.00	28.37 1.20 0.00	27.31 1.33 0.00	30.12 1.79 0.00	33.94 2.10 0.00	39.46 3.06 0.00	51.15 4.01 0.00	58.06 5.04 0.00	53.21 4.84 0.00	44.08 3.80 -2.71	37.00 3.15 0.00	33.82 2.39 0.00
PPL_PILGRIM_ST_GT1 24216	36.48 1.93 0.00	34.48 1.80 0.00	33.32 1.62 0.00	33.70 1.73 0.00	34.35 1.67 0.00	36.69 2.66 0.00	54.67 3.33 0.00	64.62 4.00 0.00	50.70 3.49 0.00	36.70 2.08 0.00	33.74 1.76 0.00	30.14 1.65 0.00	28.93 1.48 0.00	28.55 1.38 0.01	27.42 1.43 0.00	30.29 1.95 0.00	34.06 2.23 0.00	39.68 3.28 0.00	51.29 4.15 0.00	57.85 4.82 0.00	53.17 4.79 0.00	44.09 3.79 -2.71	37.10 3.25 0.00	33.94 2.52 0.00
PPL_PILGRIM_ST_GT2 24217	36.48 1.93 0.00	34.48 1.80 0.00	33.32 1.62 0.00	33.70 1.73 0.00	34.35 1.67 0.00	36.69 2.66 0.00	54.67 3.33 0.00	64.62 4.00 0.00	50.70 3.49 0.00	36.70 2.08 0.00	33.74 1.76 0.00	30.14 1.65 0.00	28.93 1.48 0.00	28.55 1.38 0.01	27.42 1.43 0.00	30.29 1.95 0.00	34.06 2.23 0.00	39.68 3.28 0.00	51.29 4.15 0.00	57.85 4.82 0.00	53.17 4.79 0.00	44.09 3.79 -2.71	37.10 3.25 0.00	33.94 2.52 0.00
PPL_SHRM_GT3 24213	35.86 1.31 0.00	33.86 1.17 0.00	32.78 1.08 0.00	33.16 1.18 0.00	33.73 1.05 0.00	36.38 2.35 0.00	54.26 2.92 0.00	63.53 2.91 0.00	50.18 2.98 0.00	35.94 1.32 0.00	32.97 0.99 0.00	29.43 0.94 0.00	27.91 0.47 0.00	27.27 0.11 0.01	26.17 0.18 0.00	29.53 1.19 0.00	33.27 1.43 0.00	38.85 2.44 0.00	50.30 3.16 0.00	56.79 3.76 0.00	53.02 4.64 0.00	43.75 3.46 -2.71	36.76 2.91 0.00	33.31 1.89 0.00
PPL_SHRM_GT4 24214	35.86 1.31 0.00	33.86 1.17 0.00	32.78 1.08 0.00	33.16 1.18 0.00	33.73 1.05 0.00	36.38 2.35 0.00	54.26 2.92 0.00	63.53 2.91 0.00	50.18 2.98 0.00	35.94 1.32 0.00	32.97 0.99 0.00	29.43 0.94 0.00	27.91 0.47 0.00	27.27 0.11 0.01	26.17 0.18 0.00	29.53 1.19 0.00	33.27 1.43 0.00	38.85 2.44 0.00	50.30 3.16 0.00	56.79 3.76 0.00	53.02 4.64 0.00	43.75 3.46 -2.71	36.76 2.91 0.00	33.31 1.89 0.00
PROJECT___ORANGE 1 24174	33.96 -0.59 0.00	32.03 -0.65 0.00	31.13 -0.57 0.00	31.37 -0.61 0.00	32.10 -0.59 0.00	33.63 -0.41 0.00	50.31 -1.03 0.00	59.46 -1.15 0.00	46.16 -1.04 0.00	34.00 -0.62 0.00	31.50 -0.48 0.00	28.01 -0.48 0.00	26.98 -0.47 0.00	26.68 -0.49 0.00	25.52 -0.47 0.00	27.83 -0.51 0.00	31.29 -0.54 0.00	35.57 -0.84 0.00	46.06 -1.08 0.00	51.75 -1.27 0.00	47.21 -1.16 0.00	36.71 -0.86 0.00	33.07 -0.78 0.00	30.80 -0.63 0.00
PROJECT___ORANGE 2 24166	33.96 -0.59 0.00	32.03 -0.65 0.00	31.13 -0.57 0.00	31.37 -0.61 0.00	32.10 -0.59 0.00	33.63 -0.41 0.00	50.31 -1.03 0.00	59.46 -1.15 0.00	46.16 -1.04 0.00	34.00 -0.62 0.00	31.50 -0.48 0.00	28.01 -0.48 0.00	26.98 -0.47 0.00	26.68 -0.49 0.00	25.52 -0.47 0.00	27.83 -0.51 0.00	31.29 -0.54 0.00	35.57 -0.84 0.00	46.06 -1.08 0.00	51.75 -1.27 0.00	47.21 -1.16 0.00	36.71 -0.86 0.00	33.07 -0.78 0.00	30.80 -0.63 0.00
PUCKETT___SOLAR 323809	34.82 0.28 0.00	32.78 0.10 0.00	31.86 0.16 0.00	32.11 0.13 0.00	32.91 0.23 0.00	34.58 0.54 0.00	51.95 0.62 0.00	61.28 0.67 0.00	47.30 0.09 0.00	34.52 -0.10 0.00	31.76 -0.22 0.00	28.18 -0.31 0.00	27.12 -0.33 0.00	26.82 -0.35 0.00	25.62 -0.36 0.00	27.97 -0.37 0.00	31.55 -0.29 0.00	36.23 -0.18 0.00	47.14 0.00 0.00	52.97 -0.05 0.00	48.33 -0.05 0.00	37.54 -0.04 0.00	33.72 -0.13 0.00	31.40 -0.03 0.00
PYRITES___HYD 24023	34.82 0.28 0.00	33.01 0.33 0.00	31.95 0.25 0.00	32.26 0.29 0.00	33.01 0.33 0.00	33.90 -0.14 0.00	52.00 0.67 0.00	61.28 0.67 0.00	47.53 0.33 0.00	34.45 -0.17 0.00	31.92 -0.06 0.00	28.38 -0.11 0.00	27.28 -0.16 0.00	26.95 -0.22 0.00	25.65 -0.34 0.00	27.91 -0.43 0.00	31.39 -0.45 0.00	35.93 -0.47 0.00	46.63 -0.52 0.00	52.65 -0.37 0.00	48.09 -0.29 0.00	37.28 -0.30 0.00	37.95 -0.37 -4.47	36.05 -0.41 -5.03
QUAKERRD_115KV_BK1 80622	32.68 -1.87 0.00	30.69 -1.99 0.00	29.92 -1.78 0.00	30.09 -1.89 0.00	30.76 -1.93 0.00	32.30 -1.74 0.00	48.05 -3.29 0.00	56.56 -4.06 0.00	43.95 -3.26 0.00	32.51 -2.11 0.00	30.13 -1.85 0.00	26.75 -1.74 0.00	25.77 -1.67 0.00	25.51 -1.66 0.00	24.32 -1.66 0.00	26.47 -1.87 0.00	29.70 -2.13 0.00	33.89 -2.51 0.00	43.75 -3.39 0.00	49.19 -3.82 0.01	44.34 -3.48 0.56	34.91 -2.67 0.00	31.48 -2.37 0.00	29.42 -2.01 0.00
QUENSBRY_115KV_TB8 356137	35.31 0.76 0.00	33.40 0.72 0.00	32.43 0.73 0.00	32.78 0.80 0.00	33.60 0.92 0.00	35.33 1.29 0.00	53.49 2.16 0.00	63.22 2.61 0.00	48.90 1.70 0.00	35.25 0.62 0.00	32.33 0.35 0.00	28.66 0.17 0.00	27.56 0.11 0.00	27.31 0.14 0.00	26.22 0.23 0.00	28.79 0.45 0.00	32.57 0.73 0.00	37.72 1.31 0.00	48.94 1.79 0.00	55.30 2.28 0.00	50.46 2.08 0.00	39.16 1.58 0.00	35.14 1.29 0.00	32.53 1.10 0.00
RAMAPO___LBMP 323565	35.62 1.07 0.00	33.73 1.05 0.00	32.62 0.92 0.00	32.90 0.93 0.00	33.73 1.05 0.00	35.47 1.43 0.00	53.39 2.05 0.00	63.34 2.73 0.00	49.37 2.17 0.00	36.28 1.66 0.00	33.29 1.31 0.00	29.74 1.25 0.00	28.68 1.24 0.00	28.42 1.25 0.00	27.23 1.25 0.00	29.75 1.42 0.00	33.36 1.53 0.00	38.45 2.04 0.00	49.88 2.73 0.00	56.10 3.08 0.00	51.13 2.76 0.00	39.72 2.14 0.00	35.68 1.83 0.00	32.97 1.54 0.00
RANKINE____ 23646	32.85 -1.69 0.00	30.59 -2.09 0.00	29.99 -1.71 0.00	30.09 -1.89 0.00	30.72 -1.96 0.00	32.44 -1.60 0.00	47.64 -3.70 0.00	55.65 -4.97 0.00	43.19 -4.01 0.00	32.34 -2.29 0.00	29.93 -2.05 0.00	26.61 -1.88 0.00	25.55 -1.89 0.00	25.35 -1.82 0.00	24.12 -1.87 0.00	26.04 -2.30 0.00	29.16 -2.67 0.00	33.24 -3.17 0.00	42.37 -4.76 0.01	47.50 -5.46 0.06	41.12 -4.98 2.28	33.80 -3.76 0.02	30.84 -3.01 0.00	29.01 -2.42 0.00
RAVENSWOOD_GT2_1 24244	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.44 3.82 0.00	50.37 3.16 0.00	37.01 2.39 0.00	33.96 1.98 0.00	30.40 1.91 0.00	29.31 1.87 0.00	29.02 1.85 0.00	27.83 1.85 0.00	30.41 2.07 0.00	34.06 2.23 0.00	39.25 2.84 0.00	50.87 3.72 0.00	57.16 4.14 0.00	52.10 3.72 0.00	40.44 2.86 0.00	36.32 2.47 0.00	33.57 2.14 0.00

RAVENSWOOD_GT2_2 24245	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.44 3.82 0.00	50.37 3.16 0.00	37.01 2.39 0.00	33.96 1.98 0.00	30.40 1.91 0.00	29.31 1.87 0.00	29.02 1.85 0.00	27.83 1.85 0.00	30.41 2.07 0.00	34.06 2.23 0.00	39.25 2.84 0.00	50.87 3.72 0.00	57.16 4.14 0.00	52.10 3.72 0.00	40.44 2.86 0.00	36.32 2.47 0.00	33.57 2.14 0.00
RAVENSWOOD_GT2_3 24246	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.50 3.88 0.00	50.41 3.21 0.00	37.05 2.42 0.00	34.00 2.01 0.00	30.43 1.94 0.00	29.31 1.87 0.00	29.05 1.87 0.00	27.83 1.85 0.00	30.41 2.07 0.00	34.06 2.23 0.00	39.25 2.84 0.00	50.92 3.77 0.00	57.16 4.14 0.00	52.10 3.72 0.00	40.44 2.86 0.00	36.36 2.51 0.00	33.60 2.17 0.00
RAVENSWOOD_GT2_4 24247	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.50 3.88 0.00	50.41 3.21 0.00	37.05 2.42 0.00	34.00 2.01 0.00	30.43 1.94 0.00	29.31 1.87 0.00	29.05 1.87 0.00	27.83 1.85 0.00	30.41 2.07 0.00	34.06 2.23 0.00	39.25 2.84 0.00	50.92 3.77 0.00	57.16 4.14 0.00	52.10 3.72 0.00	40.44 2.86 0.00	36.36 2.51 0.00	33.60 2.17 0.00
RAVENSWOOD_GT3_1 24248	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.44 3.82 0.00	50.37 3.16 0.00	37.05 2.42 0.00	33.96 1.98 0.00	30.40 1.91 0.00	29.31 1.87 0.00	29.02 1.85 0.00	27.83 1.85 0.00	30.41 2.07 0.00	34.06 2.23 0.00	39.25 2.84 0.00	50.87 3.72 0.00	57.16 4.14 0.00	52.10 3.72 0.00	40.44 2.86 0.00	36.32 2.47 0.00	33.57 2.14 0.00
RAVENSWOOD_GT3_2 24249	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.25 1.57 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.44 3.82 0.00	50.37 3.16 0.00	37.05 2.42 0.00	33.96 1.98 0.00	30.40 1.91 0.00	29.31 1.87 0.00	29.02 1.85 0.00	27.83 1.85 0.00	30.41 2.07 0.00	34.06 2.23 0.00	39.25 2.84 0.00	50.87 3.72 0.00	57.16 4.14 0.00	52.10 3.72 0.00	40.44 2.86 0.00	36.32 2.47 0.00	33.57 2.14 0.00
RAVENSWOOD_GT3_3 24250	36.21 1.66 0.00	34.29 1.60 0.00	33.13 1.43 0.00	33.48 1.50 0.00	34.29 1.60 0.00	36.11 2.08 0.00	54.41 3.08 0.00	64.56 3.94 0.00	50.46 3.26 0.00	37.08 2.46 0.00	34.03 2.05 0.00	30.46 1.97 0.00	29.34 1.89 0.00	29.07 1.90 0.00	27.86 1.87 0.00	30.43 2.10 0.00	34.09 2.26 0.00	39.28 2.88 0.00	50.96 3.82 0.00	57.21 4.19 0.00	52.15 3.77 0.00	40.47 2.89 0.00	36.39 2.54 0.00	33.60 2.17 0.00
RAVENSWOOD_GT3_4 24251	36.21 1.66 0.00	34.29 1.60 0.00	33.13 1.43 0.00	33.48 1.50 0.00	34.29 1.60 0.00	36.11 2.08 0.00	54.41 3.08 0.00	64.56 3.94 0.00	50.46 3.26 0.00	37.08 2.46 0.00	34.03 2.05 0.00	30.46 1.97 0.00	29.34 1.89 0.00	29.07 1.90 0.00	27.86 1.87 0.00	30.43 2.10 0.00	34.09 2.26 0.00	39.28 2.88 0.00	50.96 3.82 0.00	57.21 4.19 0.00	52.15 3.77 0.00	40.47 2.89 0.00	36.39 2.54 0.00	33.60 2.17 0.00
RAVENSWOOD_GT_1 23729	38.57 1.83 -2.19	34.46 1.76 -0.01	34.02 1.58 -0.74	33.62 1.63 -0.01	34.43 1.73 -0.01	38.91 2.25 -2.63	54.63 3.29 -0.01	64.74 4.12 0.00	52.14 3.45 -1.49	58.60 2.60 -21.38	40.33 2.17 -6.17	40.44 2.08 -9.87	43.54 2.00 -14.09	44.18 2.01 -15.00	47.36 2.00 -19.37	40.18 2.21 -9.63	41.98 2.42 -7.72	57.99 3.06 -18.53	54.89 4.01 -3.74	57.91 4.40 -0.48	53.89 4.02 -1.50	43.19 3.04 -2.56	39.37 2.67 -2.85	37.10 2.33 -3.34
RAVENSWOOD_GT_10 24258	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.42 1.44 0.00	34.25 1.57 0.00	36.04 2.04 0.04	54.36 3.03 0.00	64.44 3.82 0.00	50.29 3.16 0.08	35.34 2.39 1.68	33.65 1.98 0.31	29.81 1.91 0.59	28.36 1.87 0.95	27.99 1.85 1.03	26.43 1.85 1.40	29.81 2.04 0.57	33.63 2.23 0.43	37.81 2.84 1.43	50.61 3.72 0.26	57.13 4.14 0.02	52.03 3.72 0.08	40.35 2.82 0.05	36.26 2.47 0.06	33.50 2.14 0.07
RAVENSWOOD_GT_11 24259	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.42 1.44 0.00	34.25 1.57 0.00	36.04 2.04 0.04	54.36 3.03 0.00	64.44 3.82 0.00	50.29 3.16 0.08	35.34 2.39 1.68	33.65 1.98 0.31	29.81 1.91 0.59	28.36 1.87 0.95	27.99 1.85 1.03	26.43 1.85 1.40	29.81 2.04 0.57	33.63 2.23 0.43	37.81 2.84 1.43	50.61 3.72 0.26	57.13 4.14 0.02	52.03 3.72 0.08	40.35 2.82 0.05	36.26 2.47 0.06	33.50 2.14 0.07
RAVENSWOOD_GT_4 24252	37.79 1.59 -1.66	34.22 1.54 0.01	33.61 1.36 -0.55	33.41 1.44 0.01	34.22 1.54 0.01	37.38 2.01 -1.34	54.30 2.98 0.01	64.44 3.82 0.00	50.31 3.12 0.01	27.81 2.39 9.20	33.93 1.95 0.01	28.88 1.88 1.49	25.54 1.84 3.75	24.76 1.82 4.23	21.25 1.82 6.56	29.01 2.04 1.36	33.32 2.20 0.71	31.55 2.80 7.66	49.75 3.68 1.07	57.11 4.08 -0.01	52.05 3.68 0.01	41.51 2.78 -1.15	37.57 2.44 -1.28	35.04 2.11 -1.51
RAVENSWOOD_GT_5 24254	37.79 1.59 -1.66	34.22 1.54 0.01	33.61 1.36 -0.55	33.41 1.44 0.01	34.22 1.54 0.01	37.38 2.01 -1.34	54.30 2.98 0.01	64.44 3.82 0.00	50.31 3.12 0.01	27.81 2.39 9.20	33.93 1.95 0.01	28.88 1.88 1.49	25.54 1.84 3.75	24.76 1.82 4.23	21.25 1.82 6.56	29.01 2.04 1.36	33.32 2.20 0.71	31.55 2.80 7.66	49.75 3.68 1.07	57.11 4.08 -0.01	52.05 3.68 0.01	41.51 2.78 -1.15	37.57 2.44 -1.28	35.04 2.11 -1.51
RAVENSWOOD_GT_6 24253	37.79 1.59 -1.66	34.22 1.54 0.01	33.61 1.36 -0.55	33.41 1.44 0.01	34.22 1.54 0.01	37.38 2.01 -1.34	54.30 2.98 0.01	64.44 3.82 0.00	50.31 3.12 0.01	27.81 2.39 9.20	33.93 1.95 0.01	28.88 1.88 1.49	25.54 1.84 3.75	24.76 1.82 4.23	21.25 1.82 6.56	29.01 2.04 1.36	33.32 2.20 0.71	31.55 2.80 7.66	49.75 3.68 1.07	57.11 4.08 -0.01	52.05 3.68 0.01	41.51 2.78 -1.15	37.57 2.44 -1.28	35.04 2.11 -1.51
RAVENSWOOD_GT_7 24255	37.79 1.59 -1.66	34.22 1.54 0.01	33.61 1.36 -0.55	33.41 1.44 0.01	34.22 1.54 0.01	37.38 2.01 -1.34	54.30 2.98 0.01	64.44 3.82 0.00	50.31 3.12 0.01	27.81 2.39 9.20	33.93 1.95 0.01	28.88 1.88 1.49	25.54 1.84 3.75	24.76 1.82 4.23	21.25 1.82 6.56	29.01 2.04 1.36	33.32 2.20 0.71	31.55 2.80 7.66	49.75 3.68 1.07	57.11 4.08 -0.01	52.05 3.68 0.01	41.51 2.78 -1.15	37.57 2.44 -1.28	35.04 2.11 -1.51
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.42 1.44 0.00	34.25 1.57 0.00	36.04 2.04 0.04	54.36 3.03 0.00	64.44 3.82 0.00	50.29 3.16 0.08	35.34 2.39 1.68	33.65 1.98 0.31	29.81 1.91 0.59	28.36 1.87 0.95	27.99 1.85 1.03	26.43 1.85 1.40	29.81 2.04 0.57	33.63 2.23 0.43	37.81 2.84 1.43	50.61 3.72 0.26	57.13 4.14 0.02	52.03 3.72 0.08	40.35 2.82 0.05	36.26 2.47 0.06	33.50 2.14 0.07

RAVENSWOOD_GT_9 24257	36.17 1.62 0.00	34.25 1.57 0.00	33.09 1.39 0.00	33.42 1.44 0.00	34.25 1.57 0.00	36.04 2.04 0.04	54.36 3.03 0.00	64.44 3.82 0.00	50.29 3.16 0.08	35.34 2.39 1.68	33.65 1.98 0.31	29.81 1.91 0.59	28.36 1.87 0.95	27.99 1.85 1.03	26.43 1.85 1.40	29.81 2.04 0.57	33.63 2.23 0.43	37.81 2.84 1.43	50.61 3.72 0.26	57.13 4.14 0.02	52.03 3.72 0.08	40.35 2.82 0.05	36.26 2.47 0.06	33.50 2.14 0.07
RAVENSWOOD___1 23533	36.35 1.80 -0.01	34.36 1.67 -0.01	33.26 1.55 -0.01	33.61 1.63 -0.01	34.36 1.67 -0.01	36.68 2.21 -0.43	54.42 3.08 -0.01	64.38 3.76 0.00	51.16 3.21 -0.75	53.68 2.42 -16.64	37.13 2.08 -3.07	36.37 1.99 -5.88	38.82 1.92 -9.45	39.35 1.96 -10.22	41.79 1.90 -13.91	36.20 2.18 -5.68	38.43 2.29 -4.31	53.68 3.06 -14.21	53.61 3.91 -2.56	57.66 4.40 -0.24	53.09 3.97 -0.75	41.14 3.04 -0.52	37.10 2.67 -0.58	34.43 2.33 -0.68
RAVENSWOOD___2 23534	36.35 1.80 -0.01	34.36 1.67 -0.01	33.26 1.55 -0.01	33.61 1.63 -0.01	34.33 1.63 -0.01	36.68 2.21 -0.43	54.42 3.08 -0.01	64.38 3.76 0.00	51.16 3.21 -0.74	53.58 2.39 -16.57	37.09 2.05 -3.06	36.31 1.96 -5.86	38.79 1.92 -9.42	39.28 1.93 -10.18	41.74 1.90 -13.86	36.18 2.18 -5.66	38.42 2.29 -4.29	53.62 3.06 -14.16	53.60 3.91 -2.55	57.66 4.40 -0.24	53.09 3.97 -0.74	41.14 3.04 -0.52	37.10 2.67 -0.58	34.40 2.29 -0.68
RAVENSWOOD___3 23535	36.14 1.59 0.00	34.19 1.50 0.00	33.09 1.39 0.00	33.45 1.47 0.00	34.16 1.47 0.00	36.08 2.04 0.00	54.15 2.82 0.00	64.13 3.51 0.00	50.18 2.98 0.00	36.87 2.25 0.00	33.87 1.89 0.00	30.34 1.85 0.00	29.23 1.78 0.00	28.96 1.79 0.00	27.76 1.77 0.00	30.38 2.04 0.00	33.97 2.13 0.00	39.28 2.88 0.00	50.82 3.68 0.00	57.16 4.14 0.00	52.10 3.73 0.00	40.43 2.85 0.00	36.36 2.50 0.00	33.57 2.14 0.00
RAVENSWOOD___4 23820	34.17 1.76 2.14	34.36 1.67 -0.01	32.54 1.55 0.71	33.61 1.63 -0.01	34.32 1.63 -0.01	34.52 2.21 1.73	54.42 3.08 -0.01	64.38 3.76 0.00	50.37 3.16 -0.01	48.90 2.39 -11.89	34.04 2.05 -0.01	32.39 1.96 -1.93	34.22 1.92 -4.85	34.57 1.93 -5.47	36.36 1.90 -8.48	32.28 2.18 -1.76	35.05 2.29 -0.92	49.33 3.02 -9.91	52.44 3.91 -1.39	57.41 4.40 0.01	52.30 3.92 -0.01	39.09 3.01 1.49	34.87 2.67 1.66	31.77 2.29 1.95
RCPL_TRUST___DRP 24196	36.14 1.59 0.00	34.22 1.54 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.35 1.67 0.00	36.18 2.14 0.00	54.62 3.29 0.00	64.86 4.24 0.00	50.74 3.54 0.00	37.32 2.70 0.00	34.19 2.21 0.00	30.68 2.19 0.00	29.56 2.11 0.00	29.29 2.12 0.00	28.07 2.08 0.00	30.63 2.30 0.00	34.29 2.45 0.00	39.57 3.17 0.00	51.20 4.05 0.00	57.42 4.40 0.00	52.29 3.92 0.00	40.55 2.97 0.00	36.46 2.61 0.00	33.66 2.23 0.00
RED___ROCHESTER 323720	33.41 -1.14 0.00	31.34 -1.34 0.00	30.53 -1.17 0.00	30.70 -1.28 0.00	31.48 -1.21 0.00	32.98 -1.06 0.00	49.07 -2.26 0.00	57.77 -2.85 0.00	44.89 -2.31 0.00	33.24 -1.39 0.00	30.73 -1.25 0.00	27.32 -1.17 0.00	26.30 -1.15 0.00	26.06 -1.12 0.00	24.79 -1.20 0.00	26.89 -1.44 0.00	30.24 -1.59 0.00	34.48 -1.93 0.00	44.46 -2.69 0.00	50.03 -2.97 0.02	44.73 -2.71 0.94	35.54 -2.03 0.01	31.99 -1.86 0.00	29.95 -1.48 0.00
REGAN___SOLAR 323812	36.45 1.90 0.00	34.45 1.76 0.00	33.41 1.71 0.00	33.77 1.79 0.00	34.61 1.93 0.00	36.66 2.62 0.00	55.44 4.11 0.00	65.10 4.49 0.00	49.94 2.74 0.00	35.73 1.11 0.00	32.78 0.80 0.00	28.95 0.45 0.00	28.00 0.55 0.00	27.77 0.60 0.00	26.71 0.73 0.00	29.33 0.99 0.00	33.23 1.40 0.00	38.70 2.30 0.00	50.25 3.11 0.00	56.94 3.92 0.00	51.91 3.53 0.00	40.25 2.67 0.00	36.05 2.20 0.00	33.38 1.95 0.00
RENSSELAER___COGEN 23796	35.03 0.48 0.00	33.30 0.62 0.00	32.27 0.57 0.00	32.58 0.61 0.00	33.27 0.59 0.00	34.96 0.92 0.00	52.31 0.97 0.00	61.77 1.15 0.00	48.10 0.89 0.00	35.14 0.52 0.00	32.49 0.51 0.00	28.95 0.45 0.00	27.86 0.41 0.00	27.60 0.43 0.00	26.48 0.49 0.00	28.96 0.62 0.00	32.57 0.73 0.00	37.42 1.02 0.00	48.42 1.27 0.00	54.56 1.54 0.00	49.78 1.40 0.00	38.71 1.13 0.00	34.93 1.08 0.00	32.40 0.98 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.14 1.59 0.00	34.16 1.47 0.00	33.19 1.49 0.00	33.61 1.63 0.00	34.45 1.76 0.00	36.35 2.31 0.00	55.23 3.90 0.00	65.28 4.67 0.00	50.22 3.02 0.00	35.83 1.21 0.00	32.84 0.86 0.00	29.03 0.54 0.00	27.83 0.38 0.00	27.61 0.43 0.00	26.51 0.52 0.00	29.16 0.82 0.00	33.08 1.24 0.00	38.48 2.08 0.00	50.07 2.92 0.00	56.79 3.76 0.00	51.81 3.43 0.00	40.17 2.59 0.00	35.95 2.10 0.00	33.28 1.85 0.00
REVERE_CPDR_DRP 24186	35.31 0.76 0.00	33.34 0.65 0.00	32.37 0.67 0.00	32.65 0.67 0.00	33.44 0.75 0.00	34.99 0.95 0.00	52.82 1.49 0.00	62.37 1.76 0.00	48.19 0.99 0.00	34.93 0.31 0.00	32.30 0.32 0.00	28.66 0.17 0.00	27.61 0.16 0.00	27.33 0.16 0.00	26.07 0.08 0.00	28.54 0.20 0.00	32.22 0.38 0.00	36.99 0.58 0.00	48.18 1.04 0.00	54.35 1.33 0.00	49.58 1.21 0.00	38.48 0.90 0.00	34.46 0.61 0.00	31.99 0.57 0.00
REYNOLDS_115KV_TB3 80639	35.20 0.66 0.00	33.44 0.75 0.00	32.40 0.70 0.00	32.71 0.74 0.00	33.47 0.78 0.00	35.16 1.12 0.00	52.67 1.33 0.00	62.25 1.64 0.00	48.48 1.27 0.00	35.52 0.90 0.00	32.68 0.70 0.00	29.12 0.63 0.00	28.02 0.58 0.00	27.77 0.60 0.00	26.66 0.68 0.00	29.16 0.82 0.00	32.79 0.96 0.00	37.68 1.27 0.00	48.75 1.60 0.00	54.88 1.86 0.00	50.07 1.69 0.00	38.97 1.39 0.00	35.14 1.29 0.00	32.56 1.13 0.00
RIVERBAY____ 323610	36.46 1.90 -0.01	34.56 1.86 -0.01	33.36 1.65 -0.01	33.71 1.73 -0.01	34.56 1.86 -0.01	36.33 2.28 -0.01	54.73 3.39 -0.01	64.80 4.18 0.00	50.74 3.54 0.01	37.25 2.63 0.01	34.16 2.17 -0.01	30.58 2.08 -0.01	29.46 2.00 -0.01	29.16 1.98 -0.01	27.97 1.98 -0.01	30.56 2.21 -0.01	34.23 2.39 -0.01	39.42 3.02 0.01	51.14 4.01 0.01	57.41 4.40 0.01	52.38 4.02 0.01	40.63 3.04 -0.01	36.53 2.67 -0.01	33.79 2.36 -0.01
RIVERSIDE_115KV_TB3 55908	35.13 0.59 0.00	33.37 0.69 0.00	32.37 0.67 0.00	32.68 0.70 0.00	33.40 0.72 0.00	35.09 1.06 0.00	52.62 1.28 0.00	62.19 1.58 0.00	48.43 1.23 0.00	35.45 0.83 0.00	32.65 0.67 0.00	29.09 0.60 0.00	28.00 0.55 0.00	27.74 0.57 0.00	26.61 0.62 0.00	29.10 0.77 0.00	32.76 0.92 0.00	37.61 1.20 0.00	48.61 1.46 0.00	54.72 1.70 0.00	49.97 1.60 0.00	38.86 1.28 0.00	35.04 1.18 0.00	32.50 1.07 0.00
ROARING___BROOK_WT_PWR 323790	33.79 -0.76 0.00	31.97 -0.72 0.00	30.97 -0.73 0.00	31.24 -0.73 0.00	31.93 -0.75 0.00	33.12 -0.92 0.00	50.05 -1.28 0.00	59.10 -1.51 0.00	46.07 -1.13 0.00	33.76 -0.86 0.00	31.21 -0.77 0.00	27.84 -0.65 0.00	26.82 -0.63 0.00	26.52 -0.65 0.00	25.31 -0.68 0.00	27.57 -0.76 0.00	30.94 -0.89 0.00	35.39 -1.02 0.00	45.73 -1.41 0.00	51.32 -1.70 0.00	46.78 -1.60 0.00	36.30 -1.28 0.00	32.67 -1.19 0.00	30.30 -1.13 0.00

ROCHESRG_115KV_T4 355643	33.10 -1.45 0.00	31.02 -1.67 0.00	30.27 -1.43 0.00	30.44 -1.53 0.00	31.08 -1.60 0.00	32.71 -1.33 0.00	48.46 -2.87 0.00	56.92 -3.70 0.00	44.23 -2.97 0.00	32.82 -1.80 0.00	30.41 -1.57 0.00	27.04 -1.45 0.00	26.02 -1.43 0.00	25.79 -1.39 0.00	24.56 -1.43 0.00	26.69 -1.64 0.00	29.92 -1.91 0.00	34.15 -2.26 0.00	44.03 -3.11 0.00	49.50 -3.50 0.02	44.21 -3.19 0.98	35.17 -2.41 0.01	31.72 -2.13 0.00	29.70 -1.73 0.00
ROCHESTER_9_IC 23652	33.27 -1.28 0.00	31.15 -1.54 0.00	30.40 -1.30 0.00	30.57 -1.41 0.00	31.21 -1.47 0.00	32.85 -1.19 0.00	48.71 -2.62 0.00	57.28 -3.33 0.00	44.47 -2.74 0.00	32.96 -1.66 0.00	30.57 -1.41 0.00	27.15 -1.34 0.00	26.13 -1.32 0.00	25.89 -1.28 0.00	24.66 -1.33 0.00	26.81 -1.53 0.00	30.08 -1.75 0.00	34.33 -2.08 0.00	44.27 -2.88 0.00	49.77 -3.23 0.02	44.49 -2.95 0.94	35.36 -2.22 0.01	31.89 -1.96 0.00	29.83 -1.60 0.00
ROCKVIEW_13_KV_LD 356306	36.07 1.52 0.00	34.19 1.50 0.00	33.03 1.33 0.00	33.35 1.38 0.00	34.19 1.50 0.00	36.01 1.97 0.00	54.21 2.87 0.00	64.31 3.70 0.00	50.27 3.07 0.00	36.91 2.29 0.00	33.87 1.89 0.00	30.29 1.79 0.00	29.18 1.73 0.00	28.91 1.74 0.00	27.70 1.72 0.00	30.29 1.96 0.00	33.97 2.13 0.00	39.14 2.73 0.00	50.77 3.63 0.00	57.10 4.08 0.00	52.05 3.68 0.00	40.36 2.78 0.00	36.26 2.40 0.00	33.50 2.07 0.00
ROME____115KV_TB2 80656	35.31 0.76 0.00	33.34 0.65 0.00	32.37 0.67 0.00	32.65 0.67 0.00	33.44 0.75 0.00	34.99 0.95 0.00	52.82 1.49 0.00	62.37 1.76 0.00	48.19 0.99 0.00	34.93 0.31 0.00	32.30 0.32 0.00	28.66 0.17 0.00	27.61 0.16 0.00	27.33 0.16 0.00	26.07 0.08 0.00	28.54 0.20 0.00	32.22 0.38 0.00	36.99 0.58 0.00	48.18 1.04 0.00	54.35 1.33 0.00	49.58 1.21 0.00	38.48 0.90 0.00	34.46 0.61 0.00	31.99 0.57 0.00
ROSETON___1 23587	35.65 1.11 0.00	33.73 1.05 0.00	32.68 0.98 0.00	33.00 1.02 0.00	33.73 1.05 0.00	35.53 1.50 0.00	53.28 1.95 0.00	63.10 2.49 0.00	49.23 2.03 0.00	36.08 1.45 0.00	33.20 1.21 0.00	29.66 1.17 0.00	28.60 1.15 0.00	28.34 1.17 0.00	27.16 1.17 0.00	29.73 1.39 0.00	33.30 1.47 0.00	38.44 2.04 0.00	49.83 2.69 0.00	56.10 3.07 0.00	51.13 2.76 0.00	39.72 2.14 0.00	35.71 1.86 0.00	33.00 1.57 0.00
ROSETON___2 23588	35.65 1.11 0.00	33.73 1.05 0.00	32.68 0.98 0.00	33.00 1.02 0.00	33.73 1.05 0.00	35.53 1.50 0.00	53.28 1.95 0.00	63.10 2.49 0.00	49.23 2.03 0.00	36.08 1.45 0.00	33.20 1.21 0.00	29.66 1.17 0.00	28.60 1.15 0.00	28.34 1.17 0.00	27.16 1.17 0.00	29.73 1.39 0.00	33.30 1.47 0.00	38.44 2.04 0.00	49.83 2.69 0.00	56.10 3.07 0.00	51.13 2.76 0.00	39.72 2.14 0.00	35.71 1.86 0.00	33.00 1.57 0.00
ROTRRDAM_115KV_TB3 80664	35.24 0.69 0.00	33.37 0.69 0.00	32.33 0.63 0.00	32.65 0.67 0.00	33.40 0.72 0.00	34.99 0.95 0.00	52.62 1.28 0.00	62.13 1.52 0.00	48.34 1.13 0.00	35.28 0.66 0.00	32.46 0.48 0.00	28.92 0.43 0.00	27.89 0.44 0.00	27.61 0.43 0.00	26.48 0.49 0.00	28.93 0.60 0.00	32.53 0.70 0.00	37.43 1.02 0.00	48.61 1.46 0.00	54.77 1.75 0.00	49.97 1.60 0.00	38.82 1.24 0.00	34.90 1.05 0.00	32.34 0.91 0.00
RUSSELL___1 23602	33.37 -1.17 0.00	31.28 -1.41 0.00	30.53 -1.17 0.00	30.70 -1.28 0.00	31.31 -1.37 0.00	32.98 -1.06 0.00	48.92 -2.41 0.00	57.53 -3.09 0.00	44.70 -2.50 0.00	33.10 -1.52 0.00	30.70 -1.28 0.00	27.27 -1.23 0.00	26.24 -1.21 0.00	26.00 -1.17 0.00	24.74 -1.25 0.00	26.92 -1.42 0.00	30.21 -1.62 0.00	34.51 -1.89 0.00	44.45 -2.69 0.00	50.03 -2.97 0.02	44.73 -2.71 0.94	35.54 -2.03 0.01	32.02 -1.83 0.00	29.95 -1.48 0.00
RUSSELL___2 23532	33.37 -1.17 0.00	31.28 -1.41 0.00	30.53 -1.17 0.00	30.70 -1.28 0.00	31.31 -1.37 0.00	32.98 -1.06 0.00	48.92 -2.41 0.00	57.53 -3.09 0.00	44.70 -2.50 0.00	33.10 -1.52 0.00	30.70 -1.28 0.00	27.27 -1.23 0.00	26.24 -1.21 0.00	26.00 -1.17 0.00	24.74 -1.25 0.00	26.92 -1.42 0.00	30.21 -1.62 0.00	34.51 -1.89 0.00	44.45 -2.69 0.00	50.03 -2.97 0.02	44.73 -2.71 0.94	35.54 -2.03 0.01	32.02 -1.83 0.00	29.95 -1.48 0.00
RUSSELL___3 23549	33.37 -1.17 0.00	31.28 -1.41 0.00	30.53 -1.17 0.00	30.70 -1.28 0.00	31.31 -1.37 0.00	32.98 -1.06 0.00	48.92 -2.41 0.00	57.53 -3.09 0.00	44.70 -2.50 0.00	33.10 -1.52 0.00	30.70 -1.28 0.00	27.27 -1.23 0.00	26.24 -1.21 0.00	26.00 -1.17 0.00	24.74 -1.25 0.00	26.92 -1.42 0.00	30.21 -1.62 0.00	34.51 -1.89 0.00	44.45 -2.69 0.00	50.03 -2.97 0.02	44.73 -2.71 0.94	35.54 -2.03 0.01	32.02 -1.83 0.00	29.95 -1.48 0.00
RUSSELL___4 23556	33.37 -1.17 0.00	31.28 -1.41 0.00	30.53 -1.17 0.00	30.70 -1.28 0.00	31.31 -1.37 0.00	32.98 -1.06 0.00	48.92 -2.41 0.00	57.53 -3.09 0.00	44.70 -2.50 0.00	33.10 -1.52 0.00	30.70 -1.28 0.00	27.27 -1.23 0.00	26.24 -1.21 0.00	26.00 -1.17 0.00	24.74 -1.25 0.00	26.92 -1.42 0.00	30.21 -1.62 0.00	34.51 -1.89 0.00	44.45 -2.69 0.00	50.03 -2.97 0.02	44.73 -2.71 0.94	35.54 -2.03 0.01	32.02 -1.83 0.00	29.95 -1.48 0.00
RUSSELL__STATION 23914	33.37 -1.17 0.00	31.28 -1.41 0.00	30.53 -1.17 0.00	30.70 -1.28 0.00	31.31 -1.37 0.00	32.98 -1.06 0.00	48.92 -2.41 0.00	57.53 -3.09 0.00	44.70 -2.50 0.00	33.10 -1.52 0.00	30.70 -1.28 0.00	27.27 -1.23 0.00	26.24 -1.21 0.00	26.00 -1.17 0.00	24.74 -1.25 0.00	26.92 -1.42 0.00	30.21 -1.62 0.00	34.51 -1.89 0.00	44.45 -2.69 0.00	50.03 -2.97 0.02	44.73 -2.71 0.94	35.54 -2.03 0.01	32.02 -1.83 0.00	29.95 -1.48 0.00
S SALMON__HYD 24043	33.82 -0.73 0.00	31.93 -0.75 0.00	31.00 -0.70 0.00	31.24 -0.73 0.00	32.03 -0.65 0.00	33.49 -0.55 0.00	50.36 -0.98 0.00	59.53 -1.09 0.00	46.07 -1.13 0.00	33.72 -0.90 0.00	31.18 -0.80 0.00	27.66 -0.83 0.00	26.65 -0.80 0.00	26.36 -0.81 0.00	25.15 -0.83 0.00	27.49 -0.85 0.00	30.98 -0.86 0.00	35.32 -1.09 0.00	45.97 -1.18 0.00	51.85 -1.17 0.00	47.36 -1.02 0.00	36.75 -0.83 0.00	33.57 -0.91 -0.63	31.36 -0.78 -0.71
S.PERRY__115KV_TB1 80734	33.96 -0.59 0.00	31.77 -0.92 0.00	31.00 -0.70 0.00	31.18 -0.80 0.00	31.83 -0.85 0.00	33.63 -0.41 0.00	50.10 -1.23 0.00	58.74 -1.88 0.00	45.13 -2.08 0.00	33.27 -1.35 0.00	30.61 -1.38 0.00	27.12 -1.37 0.00	25.97 -1.48 0.00	25.68 -1.49 0.00	24.48 -1.51 0.00	26.64 -1.70 0.00	29.96 -1.88 0.00	34.48 -1.93 0.00	44.74 -2.45 -0.04	50.68 -2.55 -0.21	51.39 -2.27 -5.29	36.01 -1.69 -0.12	32.26 -1.59 0.00	30.14 -1.29 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.54 -2.00 0.00	30.33 -2.35 0.00	29.73 -1.97 0.00	29.83 -2.14 0.00	30.46 -2.22 0.00	32.13 -1.91 0.00	47.07 -4.26 0.00	54.98 -5.64 0.00	42.67 -4.53 0.00	31.96 -2.67 0.00	29.61 -2.37 0.00	26.33 -2.17 0.00	25.31 -2.14 0.00	25.11 -2.06 0.00	23.91 -2.08 0.00	25.82 -2.52 0.00	28.91 -2.93 0.00	32.91 -3.50 0.00	42.09 -5.04 0.01	47.12 -5.83 0.06	40.63 -5.32 2.42	33.57 -3.98 0.03	30.57 -3.28 0.00	28.79 -2.64 0.00

SAWYER___23_KV_LOAD 55526	32.54 -2.00 0.00	30.33 -2.35 0.00	29.73 -1.97 0.00	29.83 -2.14 0.00	30.46 -2.22 0.00	32.13 -1.91 0.00	47.07 -4.26 0.00	54.98 -5.64 0.00	42.67 -4.53 0.00	31.96 -2.67 0.00	29.61 -2.37 0.00	26.33 -2.17 0.00	25.31 -2.14 0.00	25.11 -2.06 0.00	23.91 -2.08 0.00	25.82 -2.52 0.00	28.91 -2.93 0.00	32.91 -3.50 0.00	42.09 -5.04 0.01	47.12 -5.83 0.06	40.63 -5.32 2.42	33.57 -3.98 0.03	30.57 -3.28 0.00	28.79 -2.64 0.00
SELKIRK___I 23801	35.24 0.69 0.00	33.47 0.78 0.00	32.46 0.76 0.00	32.74 0.77 0.00	33.47 0.78 0.00	35.09 1.06 0.00	52.62 1.28 0.00	62.01 1.40 0.00	48.15 0.94 0.00	35.11 0.48 0.00	32.40 0.41 0.00	28.83 0.34 0.00	27.78 0.33 0.00	27.52 0.35 0.00	26.40 0.41 0.00	28.87 0.54 0.00	32.50 0.67 0.00	37.42 1.02 0.00	48.51 1.37 0.00	54.72 1.70 0.00	49.92 1.55 0.00	38.82 1.24 0.00	35.00 1.15 0.00	32.46 1.04 0.00
SELKIRK___II 23799	35.10 0.55 0.00	33.30 0.62 0.00	32.30 0.60 0.00	32.58 0.61 0.00	33.30 0.62 0.00	34.96 0.92 0.00	52.41 1.08 0.00	61.83 1.21 0.00	48.15 0.94 0.00	35.21 0.59 0.00	32.49 0.51 0.00	28.97 0.48 0.00	27.91 0.47 0.00	27.66 0.49 0.00	26.51 0.52 0.00	28.99 0.65 0.00	32.57 0.73 0.00	37.42 1.02 0.00	48.46 1.32 0.00	54.61 1.59 0.00	49.83 1.45 0.00	38.75 1.17 0.00	34.93 1.08 0.00	32.37 0.94 0.00
SENECA OSWGO___HYD 24041	33.65 -0.90 0.00	31.74 -0.95 0.00	30.85 -0.85 0.00	31.08 -0.90 0.00	31.83 -0.85 0.00	33.29 -0.75 0.00	49.95 -1.38 0.00	59.04 -1.58 0.00	45.83 -1.37 0.00	33.76 -0.86 0.00	31.25 -0.73 0.00	27.78 -0.71 0.00	26.73 -0.71 0.00	26.44 -0.73 0.00	25.29 -0.70 0.00	27.57 -0.76 0.00	31.01 -0.83 0.00	35.21 -1.20 0.00	45.59 -1.55 0.00	51.27 -1.75 0.00	46.78 -1.60 0.00	36.34 -1.24 0.00	32.74 -1.12 0.00	30.52 -0.91 0.00
SENECA___115KV_TB3 355854	32.89 -1.66 0.00	30.63 -2.06 0.00	30.02 -1.68 0.00	30.12 -1.85 0.00	30.79 -1.90 0.00	32.51 -1.53 0.00	47.74 -3.59 0.00	55.77 -4.85 0.00	43.24 -3.97 0.00	32.37 -2.25 0.00	30.00 -1.98 0.00	26.64 -1.85 0.00	25.58 -1.87 0.00	25.38 -1.79 0.00	24.14 -1.85 0.00	26.10 -2.24 0.00	29.19 -2.64 0.00	33.28 -3.13 0.00	42.47 -4.67 0.01	47.61 -5.36 0.06	41.16 -4.93 2.28	33.84 -3.72 0.02	30.87 -2.98 0.00	29.04 -2.39 0.00
SENECA___ENERGY 23797	33.86 -0.69 0.00	31.87 -0.82 0.00	30.97 -0.73 0.00	31.18 -0.80 0.00	32.00 -0.69 0.00	33.56 -0.48 0.00	50.36 -0.98 0.00	59.28 -1.33 0.00	46.02 -1.18 0.00	33.89 -0.73 0.00	31.31 -0.67 0.00	27.78 -0.71 0.00	26.71 -0.74 0.00	26.41 -0.76 0.00	25.23 -0.75 0.00	27.46 -0.88 0.00	30.91 -0.92 0.00	35.24 -1.17 0.00	45.73 -1.41 0.00	51.33 -1.70 -0.01	47.11 -1.50 -0.23	36.42 -1.17 -0.01	32.74 -1.12 0.00	30.55 -0.88 0.00
SHOEMAKER___GT 23640	35.44 0.90 0.00	33.53 0.85 0.00	32.49 0.79 0.00	32.78 0.80 0.00	33.53 0.85 0.00	35.30 1.26 0.00	52.97 1.64 0.00	62.61 2.00 0.00	48.81 1.61 0.00	35.76 1.14 0.00	32.88 0.89 0.00	29.38 0.88 0.00	28.33 0.88 0.00	28.07 0.90 0.00	26.90 0.91 0.00	29.41 1.08 0.00	32.98 1.14 0.00	38.05 1.64 0.00	49.36 2.22 0.00	55.57 2.54 0.00	50.65 2.27 0.00	39.35 1.77 0.00	35.38 1.52 0.00	32.72 1.29 0.00
SHOEMAKR_138KV_BK 111 55601	35.45 0.90 0.00	33.57 0.88 0.00	32.46 0.76 0.00	32.78 0.80 0.00	33.57 0.88 0.00	35.30 1.26 0.00	53.08 1.75 0.00	62.86 2.24 0.00	49.00 1.79 0.00	35.90 1.28 0.00	32.97 0.99 0.00	29.43 0.94 0.00	28.38 0.93 0.00	28.12 0.95 0.00	26.95 0.96 0.00	29.44 1.11 0.00	33.04 1.21 0.00	38.08 1.67 0.00	49.41 2.26 0.00	55.57 2.55 0.00	50.65 2.27 0.00	39.35 1.77 0.00	35.37 1.52 0.00	32.72 1.29 0.00
SHOREHAM_IC_1 23715	35.86 1.31 0.00	33.86 1.17 0.00	32.78 1.08 0.00	33.16 1.18 0.00	33.73 1.05 0.00	36.38 2.35 0.00	54.26 2.92 0.00	63.53 2.91 0.00	50.18 2.98 0.00	35.94 1.32 0.00	32.97 0.99 0.00	29.43 0.94 0.00	27.91 0.47 0.00	27.27 0.11 0.01	26.17 0.18 0.00	29.53 1.19 0.00	33.27 1.43 0.00	38.85 2.44 0.00	50.30 3.16 0.00	56.79 3.76 0.00	53.02 4.64 0.00	43.75 3.46 -2.71	36.76 2.91 0.00	33.31 1.89 0.00
SHOREHAM_IC_2 23716	35.86 1.31 0.00	33.86 1.17 0.00	32.78 1.08 0.00	33.16 1.18 0.00	33.73 1.05 0.00	36.38 2.35 0.00	54.26 2.92 0.00	63.53 2.91 0.00	50.18 2.98 0.00	35.94 1.32 0.00	32.97 0.99 0.00	29.43 0.94 0.00	27.91 0.47 0.00	27.27 0.11 0.01	26.17 0.18 0.00	29.53 1.19 0.00	33.27 1.43 0.00	38.85 2.44 0.00	50.30 3.16 0.00	56.79 3.76 0.00	53.02 4.64 0.00	43.75 3.46 -2.71	36.76 2.91 0.00	33.31 1.89 0.00
SISSONVILLE____ 23735	34.10 -0.45 0.00	32.32 -0.36 0.00	31.32 -0.38 0.00	31.63 -0.35 0.00	32.32 -0.36 0.00	33.15 -0.88 0.00	50.72 -0.62 0.00	59.83 -0.79 0.00	46.54 -0.66 0.00	33.86 -0.76 0.00	31.41 -0.58 0.00	27.92 -0.57 0.00	26.84 -0.60 0.00	26.55 -0.62 0.00	25.26 -0.73 0.00	27.46 -0.88 0.00	30.88 -0.96 0.00	35.28 -1.13 0.00	45.68 -1.46 0.00	51.43 -1.59 0.00	47.02 -1.35 0.00	36.45 -1.13 0.00	37.72 -1.08 -4.95	35.90 -1.10 -5.58
SITHE_IND_GS1 24169	33.48 -1.07 0.00	31.64 -1.05 0.00	30.72 -0.98 0.00	30.95 -1.02 0.00	31.67 -1.01 0.00	33.08 -0.95 0.00	49.59 -1.75 0.00	58.62 -2.00 0.00	45.60 -1.61 0.00	33.58 -1.04 0.00	31.09 -0.90 0.00	27.66 -0.83 0.00	26.65 -0.80 0.00	26.38 -0.79 0.00	25.21 -0.78 0.00	27.46 -0.88 0.00	30.88 -0.95 0.00	34.99 -1.42 0.00	45.21 -1.93 0.00	50.85 -2.18 0.00	46.39 -1.99 0.00	36.04 -1.54 0.00	32.53 -1.32 0.00	30.30 -1.13 0.00
SITHE_IND_GS2 24170	33.48 -1.07 0.00	31.64 -1.05 0.00	30.72 -0.98 0.00	30.95 -1.02 0.00	31.67 -1.01 0.00	33.08 -0.95 0.00	49.59 -1.75 0.00	58.62 -2.00 0.00	45.60 -1.61 0.00	33.58 -1.04 0.00	31.09 -0.90 0.00	27.66 -0.83 0.00	26.65 -0.80 0.00	26.38 -0.79 0.00	25.21 -0.78 0.00	27.46 -0.88 0.00	30.88 -0.95 0.00	34.99 -1.42 0.00	45.21 -1.93 0.00	50.85 -2.18 0.00	46.39 -1.99 0.00	36.04 -1.54 0.00	32.53 -1.32 0.00	30.30 -1.13 0.00
SITHE_IND_GS3 24171	33.48 -1.07 0.00	31.64 -1.05 0.00	30.72 -0.98 0.00	30.95 -1.02 0.00	31.67 -1.01 0.00	33.08 -0.95 0.00	49.59 -1.75 0.00	58.62 -2.00 0.00	45.60 -1.61 0.00	33.58 -1.04 0.00	31.09 -0.90 0.00	27.66 -0.83 0.00	26.65 -0.80 0.00	26.38 -0.79 0.00	25.21 -0.78 0.00	27.46 -0.88 0.00	30.88 -0.95 0.00	34.99 -1.42 0.00	45.21 -1.93 0.00	50.85 -2.18 0.00	46.39 -1.99 0.00	36.04 -1.54 0.00	32.53 -1.32 0.00	30.30 -1.13 0.00
SITHE_IND_GS4 24172	33.48 -1.07 0.00	31.64 -1.05 0.00	30.72 -0.98 0.00	30.95 -1.02 0.00	31.67 -1.01 0.00	33.08 -0.95 0.00	49.59 -1.75 0.00	58.62 -2.00 0.00	45.60 -1.61 0.00	33.58 -1.04 0.00	31.09 -0.90 0.00	27.66 -0.83 0.00	26.65 -0.80 0.00	26.38 -0.79 0.00	25.21 -0.78 0.00	27.46 -0.88 0.00	30.88 -0.95 0.00	34.99 -1.42 0.00	45.21 -1.93 0.00	50.85 -2.18 0.00	46.39 -1.99 0.00	36.04 -1.54 0.00	32.53 -1.32 0.00	30.30 -1.13 0.00

SITHE___BATAVIA 24024	33.41 -1.14 0.00	31.21 -1.47 0.00	30.43 -1.27 0.00	30.57 -1.41 0.00	31.44 -1.24 0.00	32.95 -1.09 0.00	48.87 -2.46 0.00	57.28 -3.33 0.00	44.42 -2.79 0.00	32.93 -1.70 0.00	30.45 -1.53 0.00	27.01 -1.48 0.00	25.97 -1.48 0.00	25.73 -1.44 0.00	24.45 -1.53 0.00	26.44 -1.90 0.00	29.77 -2.07 0.00	34.00 -2.40 0.00	43.84 -3.30 0.01	49.26 -3.71 0.05	43.03 -3.39 1.95	35.04 -2.52 0.02	31.62 -2.24 0.00	29.67 -1.76 0.00
SITHE___INDEPEND 23800	33.48 -1.07 0.00	31.61 -1.08 0.00	30.72 -0.98 0.00	30.95 -1.02 0.00	31.64 -1.05 0.00	33.08 -0.95 0.00	49.43 -1.90 0.00	58.37 -2.24 0.00	45.36 -1.84 0.00	33.41 -1.21 0.00	31.02 -0.96 0.00	27.61 -0.88 0.00	26.60 -0.85 0.00	26.33 -0.84 0.00	25.16 -0.83 0.00	27.43 -0.91 0.00	30.82 -1.02 0.00	34.95 -1.46 0.00	45.21 -1.93 0.00	50.85 -2.17 0.00	46.39 -1.98 0.00	36.04 -1.54 0.00	32.53 -1.32 0.00	30.30 -1.13 0.00
SITHE___MASSENA 23902	34.76 0.21 0.00	32.94 0.26 0.00	31.92 0.22 0.00	32.20 0.23 0.00	32.91 0.23 0.00	33.83 -0.20 0.00	51.54 0.21 0.00	60.80 0.18 0.00	47.39 0.19 0.00	34.62 0.00 0.00	32.08 0.10 0.00	28.58 0.09 0.00	27.50 0.06 0.00	27.17 0.00 0.00	25.91 -0.08 0.00	28.17 -0.17 0.00	31.61 -0.22 0.00	36.11 -0.29 0.00	46.72 -0.43 0.00	52.49 -0.53 0.00	47.94 -0.44 0.00	37.20 -0.38 0.00	34.66 -0.34 -1.15	32.38 -0.35 -1.29
SITHE___OGDNSBRG 24021	34.93 0.38 0.00	33.11 0.42 0.00	32.08 0.38 0.00	32.39 0.42 0.00	33.11 0.42 0.00	34.00 -0.03 0.00	52.10 0.77 0.00	61.40 0.79 0.00	47.63 0.42 0.00	34.59 -0.03 0.00	32.05 0.06 0.00	28.49 0.00 0.00	27.39 -0.05 0.00	27.09 -0.08 0.00	25.81 -0.18 0.00	28.05 -0.28 0.00	31.55 -0.29 0.00	36.12 -0.29 0.00	46.81 -0.33 0.00	52.81 -0.21 0.00	48.28 -0.10 0.00	37.43 -0.15 0.00	37.09 -0.20 -3.44	35.05 -0.25 -3.88
SITHE___STERLING 23777	35.10 0.55 0.00	33.14 0.46 0.00	32.18 0.48 0.00	32.42 0.45 0.00	33.24 0.56 0.00	34.79 0.75 0.00	52.46 1.13 0.00	62.01 1.40 0.00	47.96 0.75 0.00	34.90 0.28 0.00	32.24 0.25 0.00	28.63 0.14 0.00	27.56 0.11 0.00	27.28 0.11 0.00	26.07 0.08 0.00	28.48 0.14 0.00	32.15 0.32 0.00	36.85 0.44 0.00	47.90 0.75 0.00	53.98 0.96 0.00	49.25 0.87 0.00	38.22 0.64 0.00	34.29 0.44 0.00	31.87 0.44 0.00
SLEIGHT__34_KV_TB1 80719	33.41 -1.14 0.00	31.38 -1.31 0.00	30.56 -1.14 0.00	30.76 -1.22 0.00	31.44 -1.24 0.00	33.08 -0.95 0.00	49.33 -2.00 0.00	58.13 -2.49 0.00	45.13 -2.08 0.00	33.31 -1.32 0.00	30.86 -1.12 0.00	27.41 -1.08 0.00	26.38 -1.07 0.00	26.08 -1.09 0.00	24.87 -1.12 0.00	27.12 -1.22 0.00	30.43 -1.40 0.00	34.77 -1.64 0.00	44.93 -2.22 0.00	50.52 -2.49 0.01	45.77 -2.27 0.34	35.85 -1.73 0.00	32.23 -1.62 0.00	30.08 -1.35 0.00
SOUTH CAIRO___GT 23612	35.93 1.38 0.00	34.09 1.41 0.00	33.06 1.36 0.00	33.35 1.38 0.00	34.16 1.47 0.00	35.88 1.84 0.00	54.05 2.72 0.00	63.77 3.15 0.00	49.37 2.17 0.00	35.70 1.07 0.00	32.68 0.70 0.00	29.03 0.54 0.00	27.97 0.52 0.00	27.74 0.57 0.00	26.61 0.62 0.00	29.19 0.85 0.00	32.92 1.08 0.00	38.12 1.71 0.00	49.60 2.45 0.00	55.99 2.97 0.00	51.08 2.71 0.00	39.76 2.18 0.00	35.71 1.86 0.00	33.16 1.73 0.00
SOUTH HAMPTN___IC 23720	36.38 1.83 0.00	34.38 1.70 0.00	33.22 1.52 0.00	33.61 1.63 0.00	34.19 1.50 0.00	36.90 2.86 0.00	55.03 3.70 0.00	64.50 3.88 0.00	50.89 3.68 0.00	36.35 1.73 0.00	33.36 1.37 0.00	29.74 1.25 0.00	28.41 0.96 0.00	27.76 0.60 0.01	26.59 0.60 0.00	29.73 1.39 0.00	33.43 1.59 0.00	39.17 2.77 0.00	50.68 3.54 0.00	57.16 4.14 0.00	53.31 4.94 0.00	43.94 3.64 -2.71	36.93 3.08 0.00	33.57 2.14 0.00
SOUTHDOW_115KV_TB1 355954	33.27 -1.28 0.00	30.92 -1.76 0.00	30.24 -1.46 0.00	30.38 -1.60 0.00	31.12 -1.57 0.00	32.91 -1.12 0.00	48.71 -2.62 0.00	57.22 -3.39 0.00	44.13 -3.07 0.00	33.06 -1.56 0.00	30.54 -1.44 0.00	27.12 -1.37 0.00	25.99 -1.45 0.00	25.70 -1.47 0.00	24.40 -1.59 0.00	26.38 -1.96 0.00	29.48 -2.36 0.00	33.75 -2.66 0.00	43.18 -3.96 0.00	48.49 -4.51 0.02	42.79 -4.31 1.28	34.20 -3.38 0.00	31.18 -2.67 0.00	29.26 -2.17 0.00
SOUTHOLD_69_KV_BK 2 55809	36.62 2.07 0.00	35.20 2.52 0.00	33.51 1.81 0.00	33.80 1.82 0.00	35.14 2.45 0.00	37.10 3.06 0.00	56.21 4.88 0.00	66.07 5.46 0.00	51.50 4.30 0.00	36.77 2.15 0.00	34.06 2.08 0.00	29.89 1.40 0.00	28.55 1.10 0.00	27.85 0.68 0.00	26.72 0.73 0.00	29.70 1.36 0.00	33.43 1.59 0.00	39.10 2.69 0.00	50.54 3.39 0.00	57.74 4.72 0.00	53.07 4.69 0.00	43.78 3.49 -2.71	36.73 2.88 0.00	33.57 2.14 0.00
SOUTHOLD___IC 23719	36.59 2.04 0.00	34.58 1.89 0.00	33.41 1.71 0.00	33.80 1.82 0.00	34.38 1.70 0.00	37.10 3.06 0.00	55.34 4.01 0.00	64.86 4.24 0.00	51.12 3.92 0.00	36.53 1.90 0.00	33.45 1.47 0.00	29.80 1.31 0.00	28.43 0.99 0.00	27.79 0.63 0.01	26.56 0.57 0.00	29.70 1.36 0.00	33.36 1.53 0.00	39.10 2.69 0.00	50.49 3.35 0.00	57.00 3.98 0.00	53.07 4.69 0.00	43.79 3.50 -2.71	36.80 2.94 0.00	33.57 2.14 0.00
SOUTH_FORK_WT_PWR 323839	36.52 1.97 0.00	34.55 1.86 0.00	33.38 1.68 0.00	33.73 1.76 0.00	34.32 1.63 0.00	37.03 3.00 0.00	55.23 3.90 0.00	64.68 4.06 0.00	51.02 3.82 0.00	36.42 1.80 0.00	33.36 1.37 0.00	29.72 1.22 0.00	28.33 0.88 0.00	27.62 0.46 0.01	26.40 0.41 0.00	29.47 1.13 0.00	33.07 1.24 0.00	38.81 2.40 0.00	50.02 2.88 0.00	56.42 3.40 0.00	52.54 4.16 0.00	43.37 3.08 -2.71	36.46 2.61 0.00	33.35 1.92 0.00
SPIERFLS_115KV_TB 1 80737	35.13 0.59 0.00	33.27 0.59 0.00	32.27 0.57 0.00	32.65 0.67 0.00	33.44 0.75 0.00	35.16 1.12 0.00	53.18 1.85 0.00	62.86 2.24 0.00	48.67 1.46 0.00	35.11 0.48 0.00	32.21 0.22 0.00	28.58 0.09 0.00	27.48 0.03 0.00	27.23 0.05 0.00	26.14 0.16 0.00	28.68 0.34 0.00	32.44 0.60 0.00	37.57 1.17 0.00	48.70 1.56 0.00	54.98 1.96 0.00	50.17 1.79 0.00	38.97 1.39 0.00	34.97 1.12 0.00	32.37 0.94 0.00
ST LAWRENCE____ 23600	34.58 0.03 0.00	32.75 0.07 0.00	31.73 0.03 0.00	32.04 0.06 0.00	32.72 0.03 0.00	33.63 -0.41 0.00	51.23 -0.10 0.00	60.38 -0.24 0.00	47.11 -0.09 0.00	34.52 -0.10 0.00	31.95 -0.03 0.00	28.46 -0.03 0.00	27.39 -0.05 0.00	27.09 -0.08 0.00	25.83 -0.15 0.00	28.08 -0.26 0.00	31.55 -0.29 0.00	36.01 -0.40 0.00	46.58 -0.56 0.00	52.28 -0.74 0.00	47.75 -0.63 0.00	37.05 -0.53 0.00	33.41 -0.44 0.00	30.99 -0.44 0.00
STATE_CA_115KV_115_LB 55624	35.13 0.59 0.00	33.37 0.69 0.00	32.37 0.67 0.00	32.68 0.70 0.00	33.44 0.75 0.00	35.09 1.06 0.00	52.62 1.28 0.00	62.19 1.58 0.00	48.43 1.23 0.00	35.45 0.83 0.00	32.65 0.67 0.00	29.09 0.60 0.00	27.97 0.52 0.00	27.74 0.57 0.00	26.59 0.60 0.00	29.07 0.74 0.00	32.73 0.89 0.00	37.57 1.17 0.00	48.61 1.46 0.00	54.77 1.75 0.00	49.97 1.60 0.00	38.82 1.24 0.00	35.00 1.15 0.00	32.50 1.07 0.00

STATE_ST_34_KV_LOAD 55959	34.13 -0.41 0.00	32.16 -0.52 0.00	31.29 -0.41 0.00	31.50 -0.48 0.00	32.23 -0.46 0.00	33.83 -0.20 0.00	50.72 -0.62 0.00	59.89 -0.73 0.00	46.45 -0.76 0.00	34.17 -0.45 0.00	31.63 -0.35 0.00	28.09 -0.40 0.00	27.04 -0.41 0.00	26.74 -0.43 0.00	25.55 -0.44 0.00	27.88 -0.45 0.00	31.36 -0.48 0.00	35.75 -0.66 0.00	46.34 -0.80 0.00	52.07 -0.95 -0.01	47.93 -0.82 -0.37	36.94 -0.64 0.00	33.21 -0.64 0.00	30.93 -0.50 0.00
STATION 5_MISC_HYD 23604	33.31 -1.24 0.00	31.25 -1.44 0.00	30.43 -1.27 0.00	30.60 -1.37 0.00	31.38 -1.31 0.00	32.85 -1.19 0.00	48.87 -2.46 0.00	57.46 -3.15 0.00	44.70 -2.50 0.00	33.10 -1.52 0.00	30.61 -1.37 0.00	27.21 -1.28 0.00	26.19 -1.26 0.00	25.95 -1.22 0.00	24.71 -1.27 0.00	26.78 -1.56 0.00	30.15 -1.69 0.00	34.33 -2.07 0.00	44.26 -2.88 0.00	49.76 -3.24 0.02	44.54 -2.90 0.94	35.39 -2.18 0.01	31.85 -2.00 0.00	29.83 -1.60 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.86 -0.69 0.00	31.80 -0.88 0.00	30.97 -0.73 0.00	31.18 -0.80 0.00	31.87 -0.82 0.00	33.56 -0.48 0.00	50.15 -1.18 0.00	59.04 -1.58 0.00	45.83 -1.37 0.00	33.79 -0.83 0.00	31.25 -0.74 0.00	27.75 -0.74 0.00	26.71 -0.74 0.00	26.41 -0.76 0.00	25.18 -0.81 0.00	27.46 -0.88 0.00	30.82 -1.02 0.00	35.28 -1.13 0.00	45.59 -1.56 0.00	51.26 -1.75 0.01	46.29 -1.60 0.49	36.38 -1.20 0.00	32.73 -1.12 0.00	30.52 -0.91 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.13 -1.42 0.00	31.05 -1.63 0.00	30.31 -1.39 0.00	30.47 -1.50 0.00	31.12 -1.57 0.00	32.71 -1.33 0.00	48.61 -2.72 0.00	57.16 -3.46 0.00	44.37 -2.83 0.00	32.89 -1.73 0.00	30.48 -1.50 0.00	27.09 -1.40 0.00	26.08 -1.37 0.00	25.84 -1.33 0.00	24.61 -1.38 0.00	26.75 -1.59 0.00	30.02 -1.81 0.00	34.26 -2.15 0.00	44.17 -2.97 0.00	49.72 -3.29 0.01	44.76 -3.00 0.61	35.29 -2.29 0.00	31.82 -2.03 0.00	29.73 -1.70 0.00
STA_56___34_KV_BUS2 355983	33.13 -1.42 0.00	31.05 -1.63 0.00	30.31 -1.39 0.00	30.47 -1.50 0.00	31.12 -1.57 0.00	32.71 -1.33 0.00	48.61 -2.72 0.00	57.16 -3.46 0.00	44.37 -2.83 0.00	32.89 -1.73 0.00	30.48 -1.50 0.00	27.09 -1.40 0.00	26.08 -1.37 0.00	25.84 -1.33 0.00	24.61 -1.38 0.00	26.75 -1.59 0.00	30.02 -1.81 0.00	34.26 -2.15 0.00	44.17 -2.97 0.00	49.72 -3.29 0.01	44.76 -3.00 0.61	35.29 -2.29 0.00	31.82 -2.03 0.00	29.73 -1.70 0.00
STA_67___115KV_BK2 355882	33.20 -1.35 0.00	31.12 -1.57 0.00	30.37 -1.33 0.00	30.54 -1.44 0.00	31.18 -1.50 0.00	32.78 -1.26 0.00	48.61 -2.72 0.00	57.10 -3.52 0.00	44.37 -2.83 0.00	32.89 -1.73 0.00	30.51 -1.47 0.00	27.09 -1.40 0.00	26.08 -1.37 0.00	25.84 -1.33 0.00	24.61 -1.38 0.00	26.75 -1.59 0.00	30.02 -1.81 0.00	34.26 -2.15 0.00	44.17 -2.97 0.00	49.66 -3.34 0.02	44.38 -3.05 0.94	35.28 -2.29 0.01	31.82 -2.03 0.00	29.76 -1.67 0.00
STA_7___115KV_9TRANS 80674	33.37 -1.17 0.00	31.28 -1.41 0.00	30.53 -1.17 0.00	30.70 -1.28 0.00	31.31 -1.37 0.00	32.98 -1.06 0.00	48.92 -2.41 0.00	57.53 -3.09 0.00	44.70 -2.50 0.00	33.10 -1.52 0.00	30.70 -1.28 0.00	27.27 -1.23 0.00	26.24 -1.21 0.00	26.00 -1.17 0.00	24.74 -1.25 0.00	26.92 -1.42 0.00	30.21 -1.62 0.00	34.51 -1.89 0.00	44.45 -2.69 0.00	50.03 -2.97 0.02	44.73 -2.71 0.94	35.54 -2.03 0.01	32.02 -1.83 0.00	29.95 -1.48 0.00
STA_82___115KV_TB1 80780	33.20 -1.35 0.00	31.12 -1.57 0.00	30.37 -1.33 0.00	30.54 -1.44 0.00	31.18 -1.50 0.00	32.78 -1.26 0.00	48.66 -2.67 0.00	57.16 -3.46 0.00	44.37 -2.83 0.00	32.89 -1.73 0.00	30.51 -1.47 0.00	27.09 -1.40 0.00	26.08 -1.37 0.00	25.84 -1.33 0.00	24.61 -1.38 0.00	26.75 -1.59 0.00	30.02 -1.81 0.00	34.26 -2.15 0.00	44.17 -2.97 0.00	49.67 -3.34 0.01	44.69 -3.05 0.63	35.29 -2.29 0.00	31.82 -2.03 0.00	29.76 -1.67 0.00
STEEL___WIND 323596	32.92 -1.62 0.00	30.72 -1.96 0.00	29.99 -1.71 0.00	30.12 -1.86 0.00	30.98 -1.70 0.00	32.47 -1.57 0.00	47.79 -3.54 0.00	55.89 -4.73 0.00	43.38 -3.82 0.00	32.44 -2.18 0.00	30.00 -1.98 0.00	26.64 -1.85 0.00	25.58 -1.87 0.00	25.38 -1.79 0.00	24.14 -1.84 0.00	25.96 -2.38 0.00	29.22 -2.61 0.00	33.20 -3.20 0.00	42.80 -4.34 0.01	47.50 -5.46 0.06	41.12 -4.98 2.28	33.80 -3.76 0.02	30.74 -3.11 0.00	29.01 -2.42 0.00
STEPHTWN_115KV_BK_2 55603	35.38 0.83 0.00	33.57 0.88 0.00	32.56 0.86 0.00	32.87 0.90 0.00	33.63 0.95 0.00	35.30 1.26 0.00	53.03 1.69 0.00	62.68 2.06 0.00	48.71 1.51 0.00	35.59 0.97 0.00	32.78 0.80 0.00	29.17 0.68 0.00	28.05 0.60 0.00	27.80 0.62 0.00	26.66 0.68 0.00	29.19 0.85 0.00	32.85 1.02 0.00	37.79 1.38 0.00	48.89 1.74 0.00	55.09 2.07 0.00	50.26 1.89 0.00	39.08 1.50 0.00	35.21 1.35 0.00	32.65 1.23 0.00
STEUBEN_REC_LFGE 323667	33.51 -1.04 0.00	31.34 -1.34 0.00	30.59 -1.11 0.00	30.73 -1.25 0.00	31.44 -1.24 0.00	33.19 -0.85 0.00	49.43 -1.90 0.00	57.95 -2.67 0.00	44.61 -2.60 0.00	32.99 -1.63 0.00	30.35 -1.63 0.00	26.84 -1.65 0.00	25.61 -1.84 0.00	25.21 -1.96 0.00	23.96 -2.03 0.00	26.01 -2.32 0.00	29.22 -2.61 0.00	33.49 -2.91 0.00	43.16 -4.01 -0.03	48.40 -4.72 -0.10	45.06 -4.35 -1.04	34.46 -3.19 -0.08	31.04 -2.81 0.00	29.07 -2.36 0.00
STILLWATER___SOLAR 323814	35.62 1.07 0.00	33.76 1.08 0.00	32.74 1.04 0.00	33.06 1.09 0.00	33.83 1.14 0.00	35.57 1.53 0.00	53.59 2.26 0.00	63.28 2.66 0.00	49.00 1.79 0.00	35.45 0.83 0.00	32.62 0.64 0.00	28.97 0.48 0.00	27.86 0.41 0.00	27.60 0.43 0.00	26.51 0.52 0.00	29.07 0.74 0.00	32.82 0.99 0.00	37.97 1.56 0.00	49.27 2.12 0.00	55.62 2.60 0.00	50.75 2.37 0.00	39.42 1.84 0.00	35.44 1.59 0.00	32.84 1.42 0.00
STONY___BROOK 24151	36.38 1.83 0.00	34.38 1.70 0.00	33.25 1.55 0.00	33.61 1.63 0.00	34.25 1.57 0.00	36.66 2.62 0.00	54.62 3.29 0.00	64.44 3.82 0.00	50.51 3.30 0.00	36.46 1.83 0.00	33.48 1.50 0.00	30.03 1.54 0.00	28.79 1.34 0.00	28.36 1.19 0.01	27.21 1.22 0.00	30.12 1.79 0.00	33.90 2.07 0.00	39.54 3.13 0.00	51.15 4.00 0.00	57.69 4.67 0.00	53.21 4.84 0.00	44.13 3.83 -2.71	37.07 3.22 0.00	33.82 2.39 0.00
STURGEON_POOL_HYD 23609	35.79 1.24 0.00	33.89 1.21 0.00	32.78 1.08 0.00	33.06 1.09 0.00	33.89 1.21 0.00	35.67 1.63 0.00	53.69 2.36 0.00	63.59 2.97 0.00	49.61 2.41 0.00	36.35 1.73 0.00	33.29 1.31 0.00	29.77 1.28 0.00	28.71 1.26 0.00	28.45 1.28 0.00	27.29 1.30 0.00	29.81 1.47 0.00	33.46 1.62 0.00	38.59 2.18 0.00	50.07 2.92 0.00	56.31 3.29 0.00	51.37 3.00 0.00	39.91 2.33 0.00	35.81 1.96 0.00	33.13 1.70 0.00
ST_LAW_115_BK7_LBMP 345037	34.55 0.00 0.00	32.75 0.07 0.00	31.73 0.03 0.00	32.01 0.03 0.00	32.68 0.00 0.00	33.59 -0.44 0.00	51.18 -0.15 0.00	60.38 -0.24 0.00	47.11 -0.09 0.00	34.48 -0.14 0.00	31.92 -0.06 0.00	28.43 -0.06 0.00	27.37 -0.08 0.00	27.06 -0.11 0.00	25.81 -0.18 0.00	28.08 -0.26 0.00	31.52 -0.32 0.00	35.97 -0.44 0.00	46.58 -0.56 0.00	52.28 -0.74 0.00	47.70 -0.68 0.00	37.02 -0.56 0.00	33.38 -0.47 0.00	30.96 -0.47 0.00

ST_LAW_115_BK8_LBMP 345038	34.55 0.00 0.00	32.75 0.07 0.00	31.73 0.03 0.00	32.01 0.03 0.00	32.68 0.00 0.00	33.59 -0.44 0.00	51.18 -0.15 0.00	60.38 -0.24 0.00	47.11 -0.09 0.00	34.48 -0.14 0.00	31.92 -0.06 0.00	28.43 -0.06 0.00	27.37 -0.08 0.00	27.06 -0.11 0.00	25.81 -0.18 0.00	28.08 -0.26 0.00	31.52 -0.32 0.00	35.97 -0.44 0.00	46.58 -0.56 0.00	52.28 -0.74 0.00	47.70 -0.68 0.00	37.02 -0.56 0.00	33.38 -0.47 0.00	30.96 -0.47 0.00
ST_LAW_230_BK5_LBMP 345035	34.58 0.03 0.00	32.75 0.07 0.00	31.73 0.03 0.00	32.04 0.06 0.00	32.72 0.03 0.00	33.63 -0.41 0.00	51.23 -0.10 0.00	60.38 -0.24 0.00	47.11 -0.09 0.00	34.52 -0.10 0.00	31.95 -0.03 0.00	28.46 -0.03 0.00	27.39 -0.05 0.00	27.09 -0.08 0.00	25.83 -0.15 0.00	28.08 -0.26 0.00	31.55 -0.29 0.00	36.01 -0.40 0.00	46.58 -0.56 0.00	52.28 -0.74 0.00	47.75 -0.63 0.00	37.05 -0.53 0.00	33.41 -0.44 0.00	30.99 -0.44 0.00
ST_LAW_230_BK6_LBMP 345036	34.58 0.03 0.00	32.75 0.07 0.00	31.73 0.03 0.00	32.04 0.06 0.00	32.72 0.03 0.00	33.63 -0.41 0.00	51.23 -0.10 0.00	60.38 -0.24 0.00	47.11 -0.09 0.00	34.52 -0.10 0.00	31.95 -0.03 0.00	28.46 -0.03 0.00	27.39 -0.05 0.00	27.09 -0.08 0.00	25.83 -0.15 0.00	28.08 -0.26 0.00	31.55 -0.29 0.00	36.01 -0.40 0.00	46.58 -0.56 0.00	52.28 -0.74 0.00	47.75 -0.63 0.00	37.05 -0.53 0.00	33.41 -0.44 0.00	30.99 -0.44 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.55 1.00 0.00	33.66 0.98 0.00	32.56 0.86 0.00	32.87 0.90 0.00	33.66 0.98 0.00	35.40 1.36 0.00	53.28 1.95 0.00	63.16 2.55 0.00	49.23 2.03 0.00	36.11 1.49 0.00	33.13 1.15 0.00	29.60 1.11 0.00	28.55 1.10 0.00	28.28 1.11 0.00	27.10 1.12 0.00	29.64 1.30 0.00	33.24 1.40 0.00	38.30 1.89 0.00	49.69 2.55 0.00	55.88 2.86 0.00	50.94 2.56 0.00	39.57 1.99 0.00	35.58 1.73 0.00	32.87 1.45 0.00
SWANROAD_115KV_TB1 355699	31.85 -2.69 0.00	29.68 -3.01 0.00	29.10 -2.60 0.00	29.19 -2.78 0.00	29.81 -2.88 0.00	31.42 -2.62 0.00	45.99 -5.34 0.00	53.59 -7.03 0.00	41.63 -5.57 0.00	31.19 -3.43 0.00	28.91 -3.07 0.00	25.70 -2.79 0.00	24.68 -2.77 0.00	24.51 -2.66 0.00	23.34 -2.65 0.00	25.19 -3.15 0.00	28.24 -3.60 0.00	32.11 -4.30 0.00	41.10 -6.03 0.01	46.06 -6.89 0.07	39.45 -6.39 2.54	32.85 -4.70 0.03	29.89 -3.96 0.00	28.16 -3.27 0.00
SYNERGY___BIOGAS 323694	33.41 -1.14 0.00	31.21 -1.47 0.00	30.43 -1.27 0.00	30.57 -1.41 0.00	31.44 -1.24 0.00	32.95 -1.09 0.00	48.87 -2.46 0.00	57.28 -3.33 0.00	44.42 -2.79 0.00	32.93 -1.70 0.00	30.45 -1.53 0.00	27.01 -1.48 0.00	25.97 -1.97 0.00	25.73 -1.44 0.00	24.45 -1.53 0.00	26.44 -1.90 0.00	29.77 -2.07 0.00	34.00 -2.40 0.00	43.84 -3.30 0.01	49.26 -3.71 0.05	43.03 -3.39 1.95	35.04 -2.52 0.02	31.62 -2.24 0.00	29.67 -1.76 0.00
SYRACUSE___ENERGY_ST1 323597	34.17 -0.38 0.00	32.23 -0.46 0.00	31.29 -0.41 0.00	31.53 -0.45 0.00	32.26 -0.42 0.00	33.80 -0.24 0.00	50.61 -0.72 0.00	59.77 -0.85 0.00	46.40 -0.80 0.00	34.14 -0.48 0.00	31.63 -0.35 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.94 -0.40 0.00	31.39 -0.45 0.00	35.75 -0.66 0.00	46.30 -0.85 0.00	52.01 -1.01 0.00	47.46 -0.92 0.00	36.90 -0.68 0.00	33.21 -0.64 0.00	30.96 -0.47 0.00
SYRACUSE___ENERGY_ST2 323598	34.17 -0.38 0.00	32.23 -0.46 0.00	31.29 -0.41 0.00	31.53 -0.45 0.00	32.26 -0.42 0.00	33.80 -0.24 0.00	50.61 -0.72 0.00	59.77 -0.85 0.00	46.40 -0.80 0.00	34.14 -0.48 0.00	31.63 -0.35 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.94 -0.40 0.00	31.39 -0.45 0.00	35.75 -0.66 0.00	46.30 -0.85 0.00	52.01 -1.01 0.00	47.46 -0.92 0.00	36.90 -0.68 0.00	33.21 -0.64 0.00	30.96 -0.47 0.00
SYRACUSE___POWER 24017	34.06 -0.48 0.00	32.13 -0.56 0.00	31.22 -0.48 0.00	31.47 -0.51 0.00	32.19 -0.49 0.00	33.73 -0.31 0.00	50.51 -0.82 0.00	59.65 -0.97 0.00	46.31 -0.90 0.00	34.07 -0.55 0.00	31.57 -0.42 0.00	28.06 -0.43 0.00	27.04 -0.41 0.00	26.74 -0.43 0.00	25.57 -0.42 0.00	27.88 -0.45 0.00	31.36 -0.48 0.00	35.68 -0.73 0.00	46.25 -0.90 0.00	51.97 -1.06 0.00	47.66 -0.97 -0.25	36.83 -0.75 0.00	33.17 -0.68 0.00	30.89 -0.53 0.00
TALLMAN___138KV_BK151 55660	35.69 1.14 0.00	33.80 1.11 0.00	32.68 0.98 0.00	32.97 0.99 0.00	33.80 1.11 0.00	35.57 1.53 0.00	53.59 2.26 0.00	63.59 2.97 0.00	49.56 2.36 0.00	36.39 1.77 0.00	33.39 1.41 0.00	29.86 1.37 0.00	28.77 1.32 0.00	28.50 1.33 0.00	27.31 1.33 0.00	29.87 1.53 0.00	33.46 1.62 0.00	38.55 2.15 0.00	50.02 2.88 0.00	56.31 3.29 0.00	51.33 2.95 0.00	39.83 2.25 0.00	35.78 1.93 0.00	33.06 1.63 0.00
TEALLAVE_115KV_TB7 355573	33.96 -0.59 0.00	32.03 -0.65 0.00	31.13 -0.57 0.00	31.37 -0.61 0.00	32.10 -0.59 0.00	33.63 -0.41 0.00	50.31 -1.03 0.00	59.40 -1.21 0.00	46.12 -1.09 0.00	33.96 -0.66 0.00	31.50 -0.48 0.00	28.01 -0.48 0.00	26.95 -0.49 0.00	26.68 -0.49 0.00	25.49 -0.49 0.00	27.83 -0.51 0.00	31.26 -0.57 0.00	35.57 -0.84 0.00	46.06 -1.08 0.00	51.75 -1.27 0.00	47.21 -1.16 0.00	36.68 -0.90 0.00	33.04 -0.81 0.00	30.80 -0.63 0.00
TELGRAPH_34_KV_EAST 80808	32.65 -1.90 0.00	30.43 -2.26 0.00	29.80 -1.90 0.00	29.93 -2.05 0.00	30.53 -2.16 0.00	32.23 -1.80 0.00	47.38 -3.95 0.00	55.34 -5.27 0.00	42.95 -4.25 0.00	32.06 -2.56 0.00	29.71 -2.27 0.00	26.35 -2.14 0.00	25.33 -2.11 0.00	25.13 -2.04 0.00	23.91 -2.08 0.00	25.87 -2.47 0.00	29.00 -2.83 0.00	33.09 -3.31 0.00	42.42 -4.71 0.01	47.66 -5.30 0.06	41.14 -4.89 2.35	33.95 -3.61 0.03	30.80 -3.05 0.00	28.91 -2.51 0.00
TEMPLE___115KV_TB 2 55572	33.96 -0.59 0.00	32.03 -0.65 0.00	31.13 -0.57 0.00	31.37 -0.61 0.00	32.10 -0.59 0.00	33.63 -0.41 0.00	50.31 -1.03 0.00	59.46 -1.15 0.00	46.16 -1.04 0.00	34.00 -0.62 0.00	31.50 -0.48 0.00	28.01 -0.48 0.00	26.98 -0.47 0.00	26.68 -0.49 0.00	25.52 -0.47 0.00	27.83 -0.51 0.00	31.29 -0.54 0.00	35.57 -0.84 0.00	46.06 -1.08 0.00	51.75 -1.27 0.00	47.21 -1.16 0.00	36.71 -0.86 0.00	33.07 -0.78 0.00	30.80 -0.63 0.00
TIANA____69_KV_BK 1 55817	36.31 1.76 0.00	34.91 2.22 0.00	33.25 1.55 0.00	33.54 1.57 0.00	34.91 2.22 0.00	36.83 2.79 0.00	55.80 4.47 0.00	65.59 4.97 0.00	51.17 3.97 0.00	36.56 1.94 0.00	33.93 1.95 0.00	29.80 1.31 0.00	28.46 1.02 0.00	27.80 0.62 0.00	26.72 0.73 0.00	29.75 1.42 0.00	33.55 1.72 0.00	39.14 2.73 0.00	50.73 3.58 0.00	57.95 4.93 0.00	53.31 4.93 0.00	43.97 3.68 -2.71	36.90 3.05 0.00	33.57 2.14 0.00
TILDEN___115KV_TB1 80814	34.06 -0.48 0.00	32.13 -0.56 0.00	31.22 -0.48 0.00	31.47 -0.51 0.00	32.19 -0.49 0.00	33.73 -0.31 0.00	50.51 -0.82 0.00	59.65 -0.97 0.00	46.31 -0.90 0.00	34.07 -0.55 0.00	31.57 -0.42 0.00	28.06 -0.43 0.00	27.04 -0.41 0.00	26.74 -0.43 0.00	25.57 -0.42 0.00	27.88 -0.45 0.00	31.36 -0.48 0.00	35.68 -0.73 0.00	46.25 -0.90 0.00	51.97 -1.06 0.00	47.66 -0.97 -0.25	36.83 -0.75 0.00	33.17 -0.68 0.00	30.89 -0.53 0.00

TRIGEN___CC 323695	36.17 1.62 0.00	34.32 1.63 0.00	33.09 1.39 0.00	33.42 1.44 0.00	34.32 1.63 0.00	36.18 2.14 0.00	54.41 3.08 0.00	64.37 3.76 0.00	50.46 3.26 0.00	36.77 2.15 0.00	33.84 1.85 0.00	30.17 1.68 0.00	29.01 1.56 0.00	28.69 1.52 0.00	27.55 1.56 0.00	30.21 1.87 0.00	33.97 2.13 0.00	39.28 2.88 0.00	50.77 3.63 0.00	57.26 4.24 0.00	52.29 3.92 0.00	43.44 3.16 -2.71	36.53 2.67 0.00	33.60 2.17 0.00
TRINITY___115KV___4 BK 55933	35.07 0.52 0.00	33.31 0.62 0.00	32.30 0.60 0.00	32.62 0.64 0.00	33.37 0.69 0.00	35.02 0.99 0.00	52.46 1.13 0.00	62.01 1.39 0.00	48.34 1.13 0.00	35.38 0.76 0.00	32.59 0.61 0.00	29.03 0.54 0.00	27.94 0.49 0.00	27.69 0.52 0.00	26.56 0.57 0.00	29.05 0.71 0.00	32.66 0.83 0.00	37.50 1.09 0.00	48.51 1.37 0.00	54.61 1.59 0.00	49.88 1.50 0.00	38.74 1.16 0.00	34.97 1.12 0.00	32.43 1.01 0.00
UNION___PROCESSING_DRP 323587	33.20 -1.35 0.00	31.12 -1.57 0.00	30.37 -1.33 0.00	30.54 -1.44 0.00	31.18 -1.50 0.00	32.78 -1.26 0.00	48.66 -2.67 0.00	57.16 -3.46 0.00	44.42 -2.78 0.00	32.93 -1.70 0.00	30.51 -1.47 0.00	27.09 -1.40 0.00	26.10 -1.34 0.00	25.84 -1.33 0.00	24.61 -1.38 0.00	26.75 -1.59 0.00	30.02 -1.81 0.00	34.26 -2.15 0.00	44.17 -2.97 0.00	49.67 -3.34 0.01	44.74 -3.00 0.63	35.32 -2.25 0.00	31.82 -2.03 0.00	29.76 -1.67 0.00
UPPER HUDSON___HYD 24058	35.13 0.59 0.00	33.27 0.59 0.00	32.27 0.57 0.00	32.65 0.67 0.00	33.40 0.72 0.00	35.13 1.09 0.00	53.13 1.80 0.00	62.74 2.12 0.00	48.52 1.32 0.00	35.00 0.38 0.00	32.17 0.19 0.00	28.52 0.03 0.00	27.45 0.00 0.00	27.17 0.00 0.00	26.12 0.13 0.00	28.65 0.31 0.00	32.37 0.54 0.00	37.54 1.13 0.00	48.65 1.51 0.00	54.98 1.96 0.00	50.17 1.79 0.00	38.97 1.39 0.00	34.97 1.12 0.00	32.37 0.94 0.00
UPPER RAQUET___HYD 24056	34.10 -0.45 0.00	32.33 -0.36 0.00	31.32 -0.38 0.00	31.63 -0.35 0.00	32.36 -0.33 0.00	33.19 -0.85 0.00	50.72 -0.61 0.00	59.83 -0.79 0.00	46.50 -0.71 0.00	33.83 -0.79 0.00	31.37 -0.61 0.00	27.92 -0.57 0.00	26.84 -0.60 0.00	26.52 -0.65 0.00	25.26 -0.73 0.00	27.46 -0.88 0.00	30.88 -0.95 0.00	35.28 -1.13 0.00	45.73 -1.41 0.00	51.43 -1.59 0.00	47.02 -1.35 0.00	36.45 -1.13 -4.95	37.72 -1.08 -5.58	35.90 -1.10 0.00
VALLEY44_115KV_TB2 355964	33.17 -1.38 0.00	30.89 -1.80 0.00	30.21 -1.49 0.00	30.35 -1.63 0.00	31.05 -1.63 0.00	32.74 -1.29 0.00	48.51 -2.82 0.00	56.98 -3.64 0.00	43.85 -3.35 0.00	32.79 -1.83 0.00	30.25 -1.73 0.00	26.90 -1.60 0.00	25.83 -1.62 0.00	25.57 -1.60 0.00	24.32 -1.66 0.00	26.30 -2.04 0.00	29.41 -2.42 0.00	33.60 -2.80 0.00	42.76 -4.38 0.00	47.96 -5.04 0.02	42.42 -4.60 1.36	34.08 -3.49 0.00	31.25 -2.61 0.00	29.35 -2.07 0.00
VALLEY___115KV_TB 1-4 80826	34.51 -0.03 0.00	32.65 -0.03 0.00	31.64 -0.06 0.00	31.91 -0.06 0.00	32.62 -0.07 0.00	34.04 0.00 0.00	51.28 -0.05 0.00	60.50 -0.12 0.00	46.97 -0.24 0.00	34.28 -0.35 0.00	31.69 -0.29 0.00	28.26 -0.23 0.00	27.26 -0.19 0.00	26.98 -0.19 0.00	25.75 -0.23 0.00	28.11 -0.23 0.00	31.58 -0.25 0.00	36.12 -0.29 0.00	46.81 -0.33 0.00	52.60 -0.42 0.00	47.99 -0.39 0.00	37.24 -0.34 0.00	33.48 -0.37 0.00	31.02 -0.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.83 1.28 0.00	33.86 1.18 0.00	32.81 1.11 0.00	33.13 1.15 0.00	33.93 1.24 0.00	35.71 1.67 0.00	53.85 2.52 0.00	63.65 3.03 0.00	49.37 2.17 0.00	35.83 1.21 0.00	33.00 1.02 0.00	29.35 0.85 0.00	28.33 0.88 0.00	28.04 0.87 0.00	26.79 0.81 0.00	29.27 0.94 0.00	32.95 1.11 0.00	37.94 1.53 0.00	49.27 2.12 0.00	55.51 2.49 0.00	50.65 2.27 0.00	39.31 1.73 0.00	35.27 1.42 0.00	32.72 1.29 0.00
VISCHER___FERRY HYD 24020	35.41 0.86 0.00	33.60 0.91 0.00	32.59 0.89 0.00	32.90 0.93 0.00	33.66 0.98 0.00	35.40 1.36 0.00	53.02 1.69 0.00	62.61 2.00 0.00	48.67 1.46 0.00	35.49 0.87 0.00	32.65 0.67 0.00	29.09 0.60 0.00	28.00 0.55 0.00	27.71 0.54 0.00	26.64 0.65 0.00	29.16 0.82 0.00	32.82 0.99 0.00	37.86 1.46 0.00	49.03 1.89 0.00	55.35 2.33 0.00	50.50 2.13 0.00	39.27 1.69 0.00	35.38 1.52 0.00	32.75 1.32 0.00
V_A_10_SYNC_DSASP 323832	32.54 -2.00 0.00	30.46 -2.22 0.00	29.73 -1.97 0.00	29.83 -2.14 0.00	30.66 -2.03 0.00	32.06 -1.98 0.00	47.28 -4.06 0.00	55.34 -5.27 0.00	43.05 -4.15 0.00	32.10 -2.53 0.00	29.71 -2.27 0.00	26.41 -2.08 0.00	25.39 -2.06 0.00	25.21 -1.96 0.00	24.01 -1.98 0.00	25.87 -2.47 0.00	29.13 -2.71 0.00	33.09 -3.31 0.00	42.61 -4.53 0.01	47.72 -5.25 0.05	41.74 -4.74 1.90	33.99 -3.57 0.02	30.70 -3.15 0.00	28.91 -2.52 0.00
V_CMM_10_SYNC_DSASP 323787	34.72 0.17 0.00	32.91 0.23 0.00	31.89 0.19 0.00	32.17 0.19 0.00	32.88 0.20 0.00	33.76 -0.27 0.00	51.44 0.10 0.00	60.68 0.06 0.00	47.35 0.14 0.00	34.62 0.00 0.00	32.08 0.10 0.00	28.58 0.09 0.00	27.50 0.06 0.00	27.20 0.03 0.00	25.94 -0.05 0.00	28.20 -0.14 0.00	31.64 -0.19 0.00	36.11 -0.29 0.00	46.72 -0.43 0.00	52.49 -0.53 0.00	47.94 -0.44 0.00	37.20 -0.38 0.00	33.55 -0.31 0.00	31.08 -0.35 0.00
V_CMP_10_SYNC_DSASP 323788	35.72 1.18 0.00	33.86 1.17 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.96 1.27 0.00	34.96 0.92 0.00	52.36 1.03 0.00	60.74 0.12 0.00	47.86 0.66 0.00	35.42 0.80 0.00	32.91 0.93 0.00	29.32 0.83 0.00	28.13 0.69 0.00	27.63 0.46 0.00	26.12 0.13 0.00	28.20 -0.14 0.00	31.55 -0.29 0.00	35.82 -0.58 0.00	46.25 -0.90 0.00	51.54 -1.48 0.00	46.73 -1.64 0.00	35.96 -1.61 0.00	0.07 -1.59 32.19	-6.37 -1.54 36.26
V_D_10_SYNC_DSASP 323841	34.76 0.21 0.00	32.94 0.26 0.00	31.92 0.22 0.00	32.20 0.23 0.00	32.94 0.26 0.00	33.83 -0.20 0.00	51.54 0.21 0.00	60.80 0.18 0.00	47.39 0.19 0.00	34.62 0.00 0.00	32.11 0.13 0.00	28.58 0.09 0.00	27.50 0.06 0.00	27.20 0.03 0.00	25.91 -0.08 0.00	28.17 -0.17 0.00	31.64 -0.19 0.00	36.11 -0.29 0.00	46.72 -0.43 0.00	52.49 -0.53 0.00	47.99 -0.39 0.00	37.20 -0.38 0.00	34.64 -0.31 -1.09	32.31 -0.35 -1.23
V_E_10_SYNC_DSASP 323830	36.34 1.80 0.00	34.22 1.54 0.00	33.22 1.52 0.00	33.48 1.50 0.00	34.38 1.70 0.00	36.25 2.21 0.00	54.77 3.44 0.00	64.62 4.00 0.00	49.38 2.17 0.00	35.31 0.69 0.00	32.49 0.51 0.00	28.69 0.20 0.00	27.59 0.14 0.00	27.25 0.08 0.00	25.96 -0.03 0.00	28.48 0.14 0.00	32.25 0.41 0.00	37.24 0.84 0.00	48.75 1.60 0.00	54.97 1.91 -0.04	52.05 1.69 -1.98	38.79 1.20 -0.01	34.56 0.71 0.00	32.15 0.72 0.00
V_F_30_NSYNC___DSASP 323816	35.69 1.14 0.00	33.80 1.11 0.00	32.78 1.08 0.00	33.13 1.15 0.00	33.89 1.21 0.00	35.64 1.60 0.00	53.69 2.36 0.00	63.41 2.79 0.00	49.09 1.89 0.00	35.52 0.90 0.00	32.68 0.70 0.00	29.03 0.54 0.00	27.91 0.47 0.00	27.66 0.49 0.00	26.56 0.57 0.00	29.13 0.79 0.00	32.85 1.02 0.00	38.01 1.60 0.00	49.31 2.17 0.00	55.67 2.65 0.00	50.79 2.42 0.00	39.46 1.88 0.00	35.48 1.62 0.00	32.88 1.45 0.00

V_F_30_SYNC_DSASP 323786	35.13 0.59 0.00	33.37 0.69 0.00	32.37 0.67 0.00	32.68 0.70 0.00	33.44 0.75 0.00	35.09 1.06 0.00	52.62 1.28 0.00	62.19 1.58 0.00	48.43 1.23 0.00	35.45 0.83 0.00	32.65 0.67 0.00	29.09 0.60 0.00	27.97 0.52 0.00	27.74 0.57 0.00	26.59 0.60 0.00	29.07 0.74 0.00	32.73 0.89 0.00	37.57 1.17 0.00	48.61 1.46 0.00	54.77 1.75 0.00	49.97 1.60 0.00	38.82 1.24 0.00	35.00 1.15 0.00	32.50 1.07 0.00
V_XM_10_SYNC_DSASP 323789	35.72 1.18 0.00	33.86 1.17 0.00	32.84 1.14 0.00	33.16 1.18 0.00	33.96 1.27 0.00	34.96 0.92 0.00	52.36 1.03 0.00	60.74 0.12 0.00	47.86 0.66 0.00	35.42 0.80 0.00	32.91 0.93 0.00	29.32 0.83 0.00	28.13 0.69 0.00	27.63 0.46 0.00	26.12 0.13 0.00	28.20 -0.14 0.00	31.55 -0.29 0.00	35.82 -0.58 0.00	46.25 -0.90 0.00	51.54 -1.48 0.00	46.73 -1.64 0.00	35.96 -1.61 0.00	0.07 -1.59 32.19	-6.37 -1.54 36.26
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.79 1.24 0.00	33.89 1.21 0.00	32.78 1.08 0.00	33.06 1.09 0.00	33.89 1.21 0.00	35.81 1.77 0.00	53.95 2.62 0.00	64.01 3.39 0.00	49.94 2.74 0.00	36.60 1.97 0.00	33.55 1.57 0.00	30.00 1.51 0.00	28.93 1.48 0.00	28.67 1.49 0.00	27.47 1.48 0.00	30.04 1.70 0.00	33.55 1.72 0.00	38.70 2.29 0.00	50.21 3.06 0.00	56.47 3.45 0.00	51.47 3.10 0.00	39.98 2.41 0.00	35.88 2.03 0.00	33.16 1.73 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.14 1.59 0.00	34.22 1.54 0.00	33.06 1.36 0.00	33.42 1.44 0.00	34.22 1.54 0.00	36.08 2.04 0.00	54.36 3.03 0.00	64.56 3.94 0.00	50.46 3.26 0.00	37.11 2.49 0.00	34.03 2.05 0.00	30.49 1.99 0.00	29.37 1.92 0.00	29.10 1.93 0.00	27.88 1.90 0.00	30.46 2.13 0.00	34.09 2.26 0.00	39.32 2.91 0.00	50.96 3.82 0.00	57.21 4.19 0.00	52.10 3.72 0.00	40.40 2.82 0.00	36.32 2.47 0.00	33.57 2.14 0.00
W50THST__13_KV_LOAD 356117	36.24 1.69 0.00	34.35 1.67 0.00	33.19 1.49 0.00	33.54 1.57 0.00	34.35 1.67 0.00	36.22 2.18 0.00	54.62 3.29 0.00	64.86 4.24 0.00	50.79 3.59 0.00	37.36 2.74 0.00	34.22 2.24 0.00	30.71 2.22 0.00	29.59 2.14 0.00	29.32 2.15 0.00	28.09 2.10 0.00	30.66 2.32 0.00	34.32 2.48 0.00	39.61 3.20 0.00	51.25 4.10 0.00	57.48 4.45 0.00	52.34 3.97 0.00	40.55 2.97 0.00	36.46 2.61 0.00	33.69 2.26 0.00
WADING RIVER_IC_1 23522	35.79 1.24 0.00	33.83 1.14 0.00	32.71 1.01 0.00	33.10 1.12 0.00	33.66 0.98 0.00	36.38 2.35 0.00	54.21 2.87 0.00	63.47 2.85 0.00	50.18 2.98 0.00	35.87 1.24 0.00	32.91 0.93 0.00	29.40 0.91 0.00	28.05 0.60 0.00	27.41 0.24 0.01	26.27 0.29 0.00	29.47 1.13 0.00	33.17 1.34 0.00	38.81 2.40 0.00	50.25 3.11 0.00	56.73 3.71 0.00	53.02 4.64 0.00	43.71 3.42 -2.71	36.73 2.88 0.00	33.25 1.82 0.00
WADING RIVER_IC_2 23547	35.79 1.24 0.00	33.83 1.14 0.00	32.71 1.01 0.00	33.10 1.12 0.00	33.66 0.98 0.00	36.38 2.35 0.00	54.21 2.87 0.00	63.47 2.85 0.00	50.18 2.98 0.00	35.87 1.24 0.00	32.91 0.93 0.00	29.40 0.91 0.00	28.05 0.60 0.00	27.41 0.24 0.01	26.27 0.29 0.00	29.47 1.13 0.00	33.17 1.34 0.00	38.81 2.40 0.00	50.25 3.11 0.00	56.73 3.71 0.00	53.02 4.64 0.00	43.71 3.42 -2.71	36.73 2.88 0.00	33.25 1.82 0.00
WADING RIVER_IC_3 23601	35.79 1.24 0.00	33.83 1.14 0.00	32.71 1.01 0.00	33.10 1.12 0.00	33.66 0.98 0.00	36.38 2.35 0.00	54.21 2.87 0.00	63.47 2.85 0.00	50.18 2.98 0.00	35.87 1.24 0.00	32.91 0.93 0.00	29.40 0.91 0.00	28.05 0.60 0.00	27.41 0.24 0.01	26.27 0.29 0.00	29.47 1.13 0.00	33.17 1.34 0.00	38.81 2.40 0.00	50.25 3.11 0.00	56.73 3.71 0.00	53.02 4.64 0.00	43.71 3.42 -2.71	36.73 2.88 0.00	33.25 1.82 0.00
WALDENNY_12_KV_BK2 80841	32.85 -1.69 0.00	30.59 -2.09 0.00	29.99 -1.71 0.00	30.09 -1.89 0.00	30.72 -1.96 0.00	32.44 -1.60 0.00	47.64 -3.70 0.00	55.65 -4.97 0.00	43.19 -4.01 0.00	32.34 -2.29 0.00	29.93 -2.05 0.00	26.61 -1.88 0.00	25.55 -1.89 0.00	25.35 -1.82 0.00	24.12 -1.87 0.00	26.07 -2.27 0.00	29.16 -2.67 0.00	33.24 -3.17 0.00	42.42 -4.71 0.01	47.55 -5.41 0.06	41.09 -4.98 2.30	33.80 -3.76 0.02	30.84 -3.01 0.00	29.01 -2.42 0.00
WALDEN__HYDRO 24148	35.72 1.17 0.00	33.83 1.14 0.00	32.75 1.05 0.00	33.03 1.06 0.00	33.83 1.14 0.00	35.60 1.57 0.00	53.64 2.31 0.00	63.53 2.91 0.00	49.52 2.31 0.00	36.25 1.63 0.00	33.26 1.28 0.00	29.69 1.20 0.00	28.63 1.18 0.00	28.37 1.20 0.00	27.21 1.22 0.00	29.75 1.42 0.00	33.39 1.56 0.00	38.52 2.11 0.00	49.97 2.83 0.00	56.26 3.23 0.00	51.28 2.90 0.00	39.83 2.25 0.00	35.75 1.90 0.00	33.06 1.63 0.00
WARRENSBURG____ 23737	35.13 0.59 0.00	33.27 0.59 0.00	32.27 0.57 0.00	32.65 0.67 0.00	33.44 0.75 0.00	35.16 1.12 0.00	53.18 1.85 0.00	62.86 2.24 0.00	48.67 1.46 0.00	35.11 0.48 0.00	32.21 0.22 0.00	28.58 0.09 0.00	27.48 0.03 0.00	27.23 0.05 0.00	26.14 0.16 0.00	28.68 0.34 0.00	32.44 0.60 0.00	37.57 1.17 0.00	48.70 1.56 0.00	54.98 1.96 0.00	50.17 1.79 0.00	38.97 1.39 0.00	34.97 1.12 0.00	32.37 0.94 0.00
WATERSIDE____6 8 9 23538	34.20 1.80 2.14	34.42 1.73 -0.01	32.54 1.55 0.71	33.61 1.63 -0.01	34.42 1.73 -0.01	34.52 2.21 1.73	54.57 3.23 -0.01	64.68 4.06 0.00	50.61 3.40 -0.01	49.08 2.56 -11.89	34.13 2.14 -0.01	32.47 2.05 -1.93	34.28 1.98 -4.85	34.63 1.98 -5.47	36.42 1.95 -8.48	32.28 2.18 -1.76	35.11 2.36 -0.92	49.33 3.02 -9.91	52.49 3.96 -1.39	57.36 4.35 0.01	52.35 3.97 -0.01	39.09 3.01 1.49	34.83 2.64 1.66	31.77 2.29 1.95
WATKINRD_115KV_LN8_ILLION 55919	34.55 0.00 0.00	32.72 0.03 0.00	31.70 0.00 0.00	31.98 0.00 0.00	32.68 0.00 0.00	34.14 0.10 0.00	51.43 0.10 0.00	60.68 0.06 0.00	47.16 -0.05 0.00	34.48 -0.14 0.00	31.85 -0.13 0.00	28.38 -0.11 0.00	27.37 -0.08 0.00	27.09 -0.08 0.00	25.88 -0.10 0.00	28.25 -0.09 0.00	31.74 -0.10 0.00	36.37 -0.04 0.00	47.10 -0.05 0.00	52.97 -0.05 0.00	48.33 -0.05 0.00	37.54 -0.04 0.00	33.75 -0.10 0.00	31.27 -0.16 0.00
WATSON____69_KV_BK 1 55734	36.66 2.11 0.00	34.91 2.22 0.00	33.54 1.84 0.00	33.83 1.85 0.00	34.91 2.22 0.00	36.86 2.83 0.00	55.54 4.21 0.00	65.59 4.97 0.00	51.26 4.06 0.00	37.01 2.39 0.00	34.16 2.17 0.00	30.31 1.82 0.00	29.10 1.65 0.00	28.64 1.47 0.00	27.57 1.59 0.00	30.35 2.01 0.00	34.22 2.39 0.00	39.79 3.39 0.00	51.58 4.43 0.00	58.48 5.46 0.00	53.50 5.13 0.00	44.34 4.06 -2.71	37.20 3.35 0.00	34.04 2.61 0.00
WDELAWARE__HYD 323627	35.69 1.14 0.00	33.76 1.08 0.00	32.71 1.01 0.00	32.97 0.99 0.00	33.76 1.08 0.00	35.57 1.53 0.00	53.54 2.21 0.00	63.35 2.73 0.00	49.28 2.07 0.00	35.90 1.28 0.00	32.91 0.93 0.00	29.38 0.88 0.00	28.35 0.90 0.00	28.10 0.92 0.00	26.90 0.91 0.00	29.50 1.16 0.00	33.07 1.24 0.00	38.33 1.93 0.00	49.78 2.64 0.00	56.04 3.02 0.00	51.08 2.71 0.00	39.72 2.14 0.00	35.64 1.79 0.00	32.97 1.54 0.00

WEST BABYLON___IC 23714	36.59 2.04 0.00	34.81 2.12 0.00	33.47 1.78 0.00	33.77 1.79 0.00	34.81 2.12 0.00	36.73 2.69 0.00	55.28 3.95 0.00	65.34 4.73 0.00	51.12 3.92 0.00	37.01 2.39 0.00	34.12 2.14 0.00	30.31 1.82 0.00	29.12 1.67 0.00	28.72 1.55 0.00	27.62 1.64 0.00	30.38 2.04 0.00	34.22 2.39 0.00	39.76 3.35 0.00	51.43 4.29 0.00	58.22 5.20 0.00	53.26 4.89 0.00	44.16 3.87 -2.71	37.10 3.25 0.00	34.01 2.58 0.00
WEST CANADA___HYD 24049	34.65 0.10 0.00	32.78 0.10 0.00	31.80 0.10 0.00	32.07 0.10 0.00	32.82 0.13 0.00	34.28 0.24 0.00	51.59 0.26 0.00	60.92 0.30 0.00	47.44 0.24 0.00	34.69 0.07 0.00	32.05 0.06 0.00	28.55 0.06 0.00	27.50 0.06 0.00	27.25 0.08 0.00	26.07 0.08 0.00	28.45 0.11 0.00	31.99 0.16 0.00	36.66 0.26 0.00	47.48 0.33 0.00	53.44 0.42 0.00	48.76 0.39 0.00	37.88 0.30 0.00	34.09 0.24 0.00	31.62 0.19 0.00
WESTERN_NY_WIND 24143	33.30 -1.24 0.00	31.05 -1.63 0.00	30.40 -1.30 0.00	30.54 -1.44 0.00	31.15 -1.54 0.00	32.91 -1.12 0.00	48.66 -2.67 0.00	56.98 -3.64 0.00	44.13 -3.07 0.00	32.79 -1.83 0.00	30.35 -1.63 0.00	26.92 -1.57 0.00	25.88 -1.56 0.00	25.65 -1.52 0.00	24.38 -1.61 0.00	26.44 -1.90 0.00	29.64 -2.20 0.00	33.97 -2.44 0.00	43.65 -3.49 0.01	49.15 -3.82 0.05	42.79 -3.53 2.05	34.96 -2.59 0.02	31.62 -2.23 0.00	29.61 -1.82 0.00
WESTOVER___LESR 323668	34.31 -0.24 0.00	32.29 -0.39 0.00	31.41 -0.29 0.00	31.63 -0.35 0.00	32.36 -0.33 0.00	34.00 -0.03 0.00	50.87 -0.46 0.00	60.01 -0.61 0.00	46.50 -0.71 0.00	34.28 -0.35 0.00	31.63 -0.35 0.00	28.12 -0.37 0.00	27.06 -0.38 0.00	26.79 -0.38 0.00	25.60 -0.39 0.00	27.88 -0.45 0.00	31.32 -0.51 0.00	35.82 -0.58 0.00	46.39 -0.75 0.00	52.11 -0.90 0.01	47.00 -0.82 0.56	36.94 -0.64 0.00	33.31 -0.54 0.00	31.05 -0.38 0.00
WETHRSFD_WT_PWR 323626	32.51 -2.04 0.00	30.40 -2.29 0.00	29.61 -2.09 0.00	29.74 -2.24 0.00	30.53 -2.16 0.00	32.00 -2.04 0.00	47.28 -4.06 0.00	55.34 -5.27 0.00	42.76 -4.44 0.00	31.68 -2.94 0.00	29.20 -2.78 0.00	25.93 -2.56 0.00	24.84 -2.61 0.00	24.56 -2.61 0.00	23.39 -2.60 0.00	25.25 -3.09 0.00	28.46 -3.38 0.00	32.47 -3.93 0.00	41.98 -5.09 0.07	46.56 -6.05 0.41	29.78 -5.56 13.03	33.17 -4.21 0.20	30.19 -3.66 0.00	28.41 -3.02 0.00
WHAVSTOR_138KV_BK127 55557	35.72 1.17 0.00	33.80 1.11 0.00	32.68 0.98 0.00	33.00 1.02 0.00	33.80 1.11 0.00	35.60 1.57 0.00	53.59 2.26 0.00	63.59 2.97 0.00	49.56 2.36 0.00	36.39 1.77 0.00	33.39 1.41 0.00	29.86 1.37 0.00	28.79 1.34 0.00	28.50 1.33 0.00	27.34 1.35 0.00	29.87 1.53 0.00	33.49 1.66 0.00	38.59 2.18 0.00	50.07 2.92 0.00	56.31 3.29 0.00	51.33 2.95 0.00	39.83 2.25 0.00	35.81 1.96 0.00	33.06 1.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.72 1.17 0.00	33.80 1.11 0.00	32.68 0.98 0.00	33.00 1.02 0.00	33.80 1.11 0.00	35.60 1.57 0.00	53.59 2.26 0.00	63.59 2.97 0.00	49.56 2.36 0.00	36.39 1.77 0.00	33.39 1.41 0.00	29.86 1.37 0.00	28.79 1.34 0.00	28.50 1.33 0.00	27.34 1.35 0.00	29.87 1.53 0.00	33.49 1.66 0.00	38.59 2.18 0.00	50.07 2.92 0.00	56.31 3.29 0.00	51.33 2.95 0.00	39.83 2.25 0.00	35.81 1.96 0.00	33.06 1.63 0.00
WHITEHAL_115KV_TB1 80871	35.62 1.07 0.00	33.70 1.01 0.00	32.71 1.01 0.00	33.10 1.12 0.00	33.93 1.24 0.00	35.74 1.70 0.00	54.16 2.82 0.00	64.01 3.39 0.00	49.37 2.17 0.00	35.45 0.83 0.00	32.49 0.51 0.00	28.80 0.31 0.00	27.64 0.19 0.00	27.42 0.24 0.00	26.33 0.34 0.00	28.90 0.57 0.00	32.73 0.89 0.00	38.01 1.60 0.00	49.41 2.26 0.00	55.88 2.86 0.00	50.99 2.61 0.00	39.57 1.99 0.00	35.44 1.59 0.00	32.81 1.38 0.00
WHITEPLN_13_KV_LOAD 356215	36.21 1.66 0.00	34.29 1.60 0.00	33.13 1.43 0.00	33.45 1.47 0.00	34.29 1.60 0.00	36.11 2.08 0.00	54.41 3.08 0.00	64.62 4.00 0.00	50.41 3.21 0.00	36.98 2.35 0.00	33.93 1.95 0.00	30.34 1.85 0.00	29.26 1.81 0.00	28.96 1.79 0.00	27.75 1.77 0.00	30.32 1.98 0.00	34.03 2.20 0.00	39.28 2.88 0.00	50.96 3.82 0.00	57.32 4.29 0.00	52.20 3.82 0.00	40.47 2.89 0.00	36.36 2.51 0.00	33.60 2.17 0.00
WM_FLOYD_69_KV_BK2 356380	36.14 1.59 0.00	34.61 1.93 0.00	33.09 1.39 0.00	33.38 1.41 0.00	34.65 1.96 0.00	36.52 2.48 0.00	55.18 3.85 0.00	64.98 4.36 0.00	50.74 3.54 0.00	36.46 1.83 0.00	33.74 1.76 0.00	29.77 1.28 0.00	28.52 1.07 0.00	27.99 0.82 0.00	26.92 0.94 0.00	29.84 1.50 0.00	33.62 1.78 0.00	39.14 2.73 0.00	50.77 3.63 0.00	57.79 4.77 0.00	53.07 4.69 0.00	43.89 3.61 -2.71	36.83 2.98 0.00	33.60 2.17 0.00
WOODARD___115KV_TB2 355635	33.93 -0.62 0.00	32.00 -0.69 0.00	31.10 -0.60 0.00	31.34 -0.64 0.00	32.06 -0.62 0.00	33.60 -0.44 0.00	50.25 -1.08 0.00	59.34 -1.27 0.00	46.07 -1.13 0.00	33.93 -0.69 0.00	31.47 -0.51 0.00	27.98 -0.51 0.00	26.93 -0.52 0.00	26.65 -0.52 0.00	25.47 -0.52 0.00	27.80 -0.54 0.00	31.23 -0.60 0.00	35.53 -0.87 0.00	46.01 -1.13 0.00	51.70 -1.33 0.00	47.17 -1.21 0.00	36.68 -0.90 0.00	33.01 -0.85 0.00	30.77 -0.66 0.00
YORK___WARBASSE 23770	51.50 2.07 -14.88	34.65 1.96 -0.01	38.47 1.81 -4.96	33.84 1.85 -0.01	34.65 1.96 -0.01	51.50 2.48 -14.98	54.98 3.64 -0.01	65.04 4.43 0.00	55.97 3.63 -5.13	70.67 2.74 -33.31	55.53 2.24 -21.31	58.18 2.17 -27.53	61.67 2.09 -32.14	62.42 2.09 -33.16	66.05 2.05 -38.01	57.90 2.30 -27.26	57.90 2.51 -23.55	69.83 3.20 -30.22	59.52 4.20 -8.18	59.44 4.72 -1.70	57.72 4.21 -5.14	54.80 3.27 -13.95	52.24 2.88 -15.51	52.16 2.51 -18.21