

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/06/2026

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	37.99	34.80	31.12	29.29	29.45	35.35	42.94	45.20	101.54	54.42	52.01	49.08	71.49	44.51	54.02	51.07	47.31	48.04	52.60	108.22	55.98	45.40	44.21	51.37
24138	2.63	2.27	2.07	1.98	1.96	2.21	2.75	2.96	7.02	3.97	3.94	3.87	6.15	3.90	4.60	4.48	4.14	4.31	4.59	9.31	4.62	3.51	3.39	3.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.60	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	38.04	34.85	31.17	29.33	29.49	35.38	42.98	45.24	101.62	54.45	52.04	49.11	71.51	44.51	54.03	51.07	47.31	48.04	52.61	108.27	56.04	45.47	44.27	51.43
24260	2.68	2.32	2.11	2.02	1.99	2.24	2.79	3.01	7.09	4.00	3.96	3.90	6.17	3.91	4.61	4.49	4.15	4.31	4.61	9.35	4.68	3.57	3.45	3.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.60	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	38.04	34.85	31.17	29.33	29.49	35.38	42.98	45.24	101.62	54.45	52.04	49.11	71.51	44.51	54.03	51.07	47.31	48.04	52.61	108.27	56.04	45.47	44.27	51.43
24261	2.68	2.32	2.11	2.02	1.99	2.24	2.79	3.01	7.09	4.00	3.96	3.90	6.17	3.91	4.61	4.49	4.15	4.31	4.61	9.35	4.68	3.57	3.45	3.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.60	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	37.65	34.61	30.95	29.11	29.34	35.59	43.20	45.44	101.72	54.37	51.62	48.72	70.53	43.84	53.72	50.26	46.64	47.19	51.63	106.25	54.89	44.83	43.81	51.29
24011	2.28	2.08	1.90	1.80	1.85	2.45	3.02	3.21	7.20	3.92	3.55	3.51	5.19	3.24	3.84	3.67	3.47	3.45	3.62	7.33	3.54	2.94	2.99	3.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.06	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	37.73	34.73	31.09	29.26	29.50	35.89	43.55	45.79	102.44	54.74	51.89	49.03	70.95	44.14	54.08	50.64	47.01	47.62	52.05	107.12	55.24	45.05	44.10	51.63
23798	2.37	2.20	2.03	1.95	2.00	2.75	3.36	3.56	7.92	4.29	3.81	3.82	5.61	3.53	4.20	4.05	3.85	3.89	4.04	8.20	3.88	3.16	3.27	3.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.06	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	37.65	34.61	30.95	29.11	29.34	35.59	43.20	45.44	101.72	54.37	51.62	48.72	70.53	43.84	53.72	50.26	46.64	47.19	51.63	106.25	54.89	44.83	43.81	51.29
24028	2.28	2.08	1.90	1.80	1.85	2.45	3.02	3.21	7.20	3.92	3.55	3.51	5.19	3.24	3.84	3.67	3.47	3.45	3.62	7.33	3.54	2.94	2.99	3.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.06	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	37.20	34.19	30.55	28.71	28.84	34.78	42.07	44.18	98.82	52.84	50.17	47.41	68.78	42.69	52.49	49.15	45.54	45.92	50.32	103.41	53.46	44.00	43.05	50.36
23527	1.84	1.66	1.49	1.40	1.35	1.64	1.88	1.95	4.30	2.38	2.10	2.20	3.45	2.09	2.66	2.57	2.37	2.18	2.31	4.49	2.10	2.10	2.23	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.01	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	36.13	33.22	29.67	27.90	28.08	33.81	40.96	43.03	96.11	51.32	48.84	46.13	66.97	41.64	51.06	47.81	44.33	44.80	49.05	100.79	52.22	42.69	41.75	49.14
24190	0.76	0.69	0.62	0.59	0.59	0.66	0.77	0.79	1.59	0.87	0.77	0.92	1.64	1.04	1.23	1.23	1.16	1.06	1.04	1.88	0.87	0.79	0.93	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	35.01	32.30	28.85	27.12	27.32	33.01	40.13	42.28	94.40	50.26	47.80	44.92	64.56	40.07	46.18	45.97	42.76	43.47	47.58	97.88	51.00	41.68	40.52	47.35
355683	-0.36	-0.23	-0.21	-0.18	-0.18	-0.13	-0.06	0.05	-0.13	-0.20	-0.27	-0.29	-0.78	-0.53	-0.64	-0.61	-0.41	-0.26	-0.43	-1.04	-0.35	-0.21	-0.31	-0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.77	33.80	30.17	28.38	28.59	34.44	41.75	43.84	97.85	52.15	49.72	46.82	67.95	42.18	51.69	48.42	44.93	45.56	50.01	102.84	53.26	43.49	42.49	49.88
323833	1.41	1.27	1.11	1.07	1.09	1.30	1.56	1.61	3.33	1.70	1.64	1.61	2.62	1.58	1.90	1.83	1.77	1.82	2.00	3.92	1.91	1.60	1.67	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.97	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	36.77	33.79	30.17	28.36	28.59	34.43	41.73	43.83	97.84	52.15	49.70	46.80	67.93	42.17	51.68	48.41	44.91	45.53	49.99	102.80	53.24	43.48	42.48	49.86
323834	1.40	1.26	1.11	1.05	1.09	1.29	1.55	1.59	3.32	1.70	1.63	1.59	2.60	1.57	1.89	1.82	1.75	1.79	1.98	3.88	1.89	1.59	1.65	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.97	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	36.13	33.22	29.67	27.90	28.08	33.81	40.96	43.03	96.11	51.32	48.84	46.13	66.97	41.64	51.06	47.81	44.33	44.80	49.05	100.79	52.22	42.69	41.75	49.14
23571	0.76	0.69	0.62	0.59	0.59	0.66	0.77	0.79	1.59	0.87	0.77	0.92	1.64	1.04	1.23	1.23	1.16	1.06	1.04	1.88	0.87	0.79	0.93	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	36.13 0.76 0.00	33.22 0.69 0.00	29.67 0.62 0.00	27.90 0.59 0.00	28.08 0.59 0.00	33.81 0.66 0.00	40.96 0.77 0.00	43.03 0.79 0.00	96.11 1.59 0.00	51.32 0.87 0.00	48.84 0.77 0.00	46.13 0.92 0.00	66.97 1.64 0.00	41.64 1.04 0.00	51.06 1.23 -3.00	47.81 1.23 0.00	44.33 1.16 0.00	44.80 1.06 -0.02	49.05 1.04 0.00	100.79 1.88 0.00	52.22 0.87 0.00	42.69 0.79 0.00	41.75 0.93 0.00	49.14 1.36 0.00
ALBANY___3 23573	36.13 0.76 0.00	33.22 0.69 0.00	29.67 0.62 0.00	27.90 0.59 0.00	28.08 0.59 0.00	33.81 0.66 0.00	40.96 0.77 0.00	43.03 0.79 0.00	96.11 1.59 0.00	51.32 0.87 0.00	48.84 0.77 0.00	46.13 0.92 0.00	66.97 1.64 0.00	41.64 1.04 0.00	51.06 1.23 -3.00	47.81 1.23 0.00	44.33 1.16 0.00	44.80 1.06 -0.02	49.05 1.04 0.00	100.79 1.88 0.00	52.22 0.87 0.00	42.69 0.79 0.00	41.75 0.93 0.00	49.14 1.36 0.00
ALBANY___4 23574	36.13 0.76 0.00	33.22 0.69 0.00	29.67 0.62 0.00	27.90 0.59 0.00	28.08 0.59 0.00	33.81 0.66 0.00	40.96 0.77 0.00	43.03 0.79 0.00	96.11 1.59 0.00	51.32 0.87 0.00	48.84 0.77 0.00	46.13 0.92 0.00	66.97 1.64 0.00	41.64 1.04 0.00	51.06 1.23 -3.00	47.81 1.23 0.00	44.33 1.16 0.00	44.80 1.06 -0.02	49.05 1.04 0.00	100.79 1.88 0.00	52.22 0.87 0.00	42.69 0.79 0.00	41.75 0.93 0.00	49.14 1.36 0.00
ALBANY___LFGE 323615	36.48 1.11 0.00	33.53 1.00 0.00	29.96 0.90 0.00	28.15 0.85 0.00	28.34 0.85 0.00	34.14 1.00 0.00	41.37 1.18 0.00	43.48 1.25 0.00	97.85 3.32 0.00	52.51 2.06 0.00	50.00 1.93 0.00	46.92 1.71 0.00	67.71 2.37 0.00	42.11 1.51 0.00	51.62 1.78 -3.02	48.36 1.78 0.00	44.83 1.66 0.00	45.29 1.55 -0.02	49.60 1.59 0.00	101.95 3.03 0.00	52.79 1.43 0.00	43.15 1.25 0.00	42.18 1.35 0.00	49.56 1.77 0.00
ALCOA_PA_115KV_PL-6C 55860	35.06 -0.30 0.00	32.35 -0.17 0.00	28.89 -0.16 0.00	27.17 -0.14 0.00	27.36 -0.13 0.00	33.08 -0.06 0.00	40.24 0.05 0.00	42.39 0.16 0.00	94.56 0.03 0.00	50.44 -0.01 0.00	47.97 -0.11 0.00	45.06 -0.15 0.00	64.67 -0.66 0.00	40.23 -0.38 0.00	46.27 -0.55 0.00	46.12 -0.46 0.00	42.87 -0.30 0.00	43.51 -0.22 0.00	47.69 -0.32 0.00	98.52 -0.40 0.00	51.32 -0.04 0.00	41.91 0.02 0.00	40.62 -0.21 0.00	47.36 -0.42 0.00
ALCOA_RYNLDS___DRP 24188	35.07 -0.30 0.00	32.35 -0.18 0.00	28.89 -0.17 0.00	27.17 -0.14 0.00	27.36 -0.13 0.00	33.08 -0.06 0.00	40.23 0.05 0.00	42.39 0.16 0.00	94.57 0.04 0.00	50.44 -0.01 0.00	47.97 -0.10 0.00	45.05 -0.15 0.00	64.67 -0.67 0.00	40.23 -0.38 0.00	46.27 -0.55 0.00	46.12 -0.46 0.00	42.87 -0.30 0.00	43.51 -0.22 0.00	47.69 -0.32 0.00	98.51 -0.40 0.00	51.32 -0.04 0.00	41.91 0.02 0.00	40.62 -0.21 0.00	47.36 -0.43 0.00
ALCOA___DSASP 323711	35.07 -0.30 0.00	32.35 -0.18 0.00	28.89 -0.17 0.00	27.17 -0.14 0.00	27.36 -0.13 0.00	33.08 -0.06 0.00	40.23 0.05 0.00	42.39 0.16 0.00	94.57 0.04 0.00	50.44 -0.01 0.00	47.97 -0.10 0.00	45.05 -0.15 0.00	64.67 -0.67 0.00	40.23 -0.38 0.00	46.27 -0.55 0.00	46.12 -0.46 0.00	42.87 -0.30 0.00	43.51 -0.22 0.00	47.69 -0.32 0.00	98.51 -0.40 0.00	51.32 -0.04 0.00	41.91 0.02 0.00	40.62 -0.21 0.00	47.36 -0.43 0.00
ALLEGHENY___COGEN 23514	36.05 0.68 0.00	32.93 0.40 0.00	29.33 0.27 0.00	27.60 0.29 0.00	27.83 0.34 0.00	33.29 0.15 0.00	40.50 0.31 0.00	42.74 0.55 0.05	96.41 1.89 0.00	51.10 0.64 0.00	48.83 0.76 0.00	45.03 -0.18 0.00	64.82 -0.51 0.00	40.71 0.11 0.00	48.55 -0.75 -2.48	45.75 -0.83 0.00	42.95 -0.70 -0.48	43.57 -0.17 -0.02	48.57 0.55 -0.01	101.37 2.46 0.00	52.90 1.54 0.00	42.50 0.68 0.07	33.52 0.66 7.96	49.22 1.44 0.00
ALTAMONT_115KV_TB 2 55880	36.42 1.06 0.00	33.47 0.94 0.00	29.90 0.85 0.00	28.11 0.80 0.00	28.29 0.80 0.00	34.08 0.94 0.00	41.30 1.12 0.00	43.40 1.17 0.00	97.13 2.61 0.00	51.88 1.43 0.00	49.41 1.34 0.00	46.56 1.36 0.00	67.54 2.20 0.00	41.95 1.35 0.00	51.45 1.63 -3.00	48.19 1.61 0.00	44.66 1.49 0.00	45.20 1.46 -0.02	49.56 1.55 0.00	101.93 3.01 0.00	52.82 1.46 0.00	43.14 1.24 0.00	42.14 1.31 0.00	49.35 1.56 0.00
ALTONA_WT_PWR 323606	34.81 -0.56 0.00	32.32 -0.21 0.00	28.98 -0.07 0.00	27.24 -0.06 0.00	27.46 -0.03 0.00	33.25 0.11 0.00	40.49 0.30 0.00	42.67 0.44 0.00	95.34 0.82 0.00	50.86 0.41 0.00	48.31 0.24 0.00	45.54 0.33 0.00	65.38 0.05 0.00	40.64 0.04 0.00	46.80 -0.02 0.00	46.56 -0.03 0.00	43.23 0.06 0.00	43.83 0.11 0.00	48.09 0.08 0.00	99.26 0.34 0.00	51.61 0.25 0.00	42.16 0.27 0.00	40.87 0.05 0.00	47.59 -0.19 0.00
AMERICAN_REF_FUEL 24010	32.90 -2.47 0.00	30.07 -2.46 0.00	26.79 -2.26 0.00	25.20 -2.11 0.00	25.44 -2.05 0.00	30.29 -2.85 0.00	36.54 -3.64 0.00	38.73 -3.47 0.03	86.78 -7.74 0.00	45.91 -4.54 0.00	44.25 -3.82 0.00	40.92 -4.28 0.00	59.03 -6.31 0.00	36.83 -3.78 -0.01	41.60 -5.13 0.09	41.65 -4.94 0.00	38.36 -4.70 0.11	39.44 -4.28 0.00	43.54 -4.48 0.00	90.42 -8.50 0.00	47.25 -4.11 0.00	38.36 -3.48 0.06	31.24 -3.24 6.34	44.72 -3.06 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.90 -0.46 0.00	31.98 -0.55 0.00	28.63 -0.42 0.00	26.86 -0.45 0.00	27.02 -0.47 0.00	32.12 -1.02 0.00	38.95 -1.24 0.00	41.28 -0.91 0.04	93.17 -1.36 0.00	49.23 -1.22 0.00	47.15 -0.92 0.00	43.77 -1.43 0.00	62.99 -2.34 0.00	39.36 -1.25 0.00	44.33 -2.45 0.04	43.64 -2.94 0.00	40.19 -2.87 0.11	41.57 -2.15 0.00	46.68 -1.33 0.00	97.65 -1.27 0.00	50.76 -0.60 0.00	40.79 -1.04 0.07	32.03 -1.03 7.76	47.90 0.11 0.00
ARTHUR KILL_GT_1 23520	38.47 3.10 0.00	35.24 2.71 0.00	31.51 2.46 0.00	29.62 2.32 0.00	29.79 2.30 0.00	35.74 2.60 0.00	43.18 2.99 0.00	45.32 3.08 0.00	101.58 7.06 0.00	54.38 3.93 0.00	52.02 3.94 0.00	49.06 3.85 0.00	71.50 6.16 0.00	44.51 3.90 0.00	54.01 4.59 -2.60	51.04 4.46 0.00	47.32 4.15 0.00	48.05 4.31 -0.01	52.66 4.65 0.00	108.44 9.52 0.00	56.21 4.85 0.00	45.64 3.75 0.00	44.54 3.71 0.00	51.76 3.97 0.00
ARTHUR_KILL_2 23512	38.37 3.00 0.00	35.14 2.61 0.00	31.44 2.38 0.00	29.55 2.25 0.00	29.72 2.23 0.00	35.64 2.50 0.00	43.06 2.88 0.00	45.20 2.97 0.00	101.34 6.82 0.00	54.25 3.80 0.00	51.90 3.83 0.00	48.93 3.72 0.00	71.31 5.97 0.00	44.40 3.80 0.00	53.87 4.45 -2.60	50.91 4.33 0.00	47.19 4.03 0.00	47.91 4.18 -0.01	52.52 4.51 0.00	108.12 9.20 0.00	56.03 4.67 0.00	45.51 3.62 0.00	44.42 3.59 0.00	51.60 3.82 0.00
ARTHUR_KILL_3 23513	37.68 2.31 0.00	34.51 1.98 0.00	30.87 1.82 0.00	29.05 1.74 0.00	29.21 1.72 0.00	35.04 1.90 0.00	42.58 2.39 0.00	44.80 2.56 0.00	100.56 6.03 0.00	53.87 3.42 0.00	51.48 3.41 0.00	48.57 3.37 0.00	70.76 5.43 0.00	44.06 3.45 0.00	53.51 4.08 -2.60	50.56 3.97 0.00	46.84 3.67 0.00	47.58 3.84 -0.01	52.11 4.10 0.00	107.28 8.36 0.00	55.53 4.17 0.00	45.03 3.14 0.00	43.83 3.01 0.00	50.95 3.17 0.00

ARTHUR_KILL_COGEN 323718	38.46 3.10 0.00	35.23 2.70 0.00	31.51 2.46 0.00	29.62 2.31 0.00	29.79 2.30 0.00	35.74 2.60 0.00	43.18 2.99 0.00	45.32 3.08 0.00	101.59 7.07 0.00	54.39 3.93 0.00	52.02 3.94 0.00	49.06 3.85 0.00	71.50 6.16 0.00	44.51 3.91 0.00	54.01 4.59 -2.60	51.05 4.46 0.00	47.32 4.15 0.00	48.04 4.31 -0.01	52.66 4.65 0.00	108.43 9.51 0.00	56.21 4.85 0.00	45.65 3.75 0.00	44.54 3.72 0.00	51.74 3.95 0.00
ASHOKAN____ 23654	37.38 2.02 0.00	34.26 1.73 0.00	30.58 1.52 0.00	28.74 1.43 0.00	28.94 1.45 0.00	34.84 1.70 0.00	42.38 2.19 0.00	44.62 2.39 0.00	99.95 5.42 0.00	53.33 2.87 0.00	51.05 2.98 0.00	48.13 2.93 0.00	69.99 4.65 0.00	43.52 2.92 0.00	53.12 3.48 -2.82	49.96 3.37 0.00	46.28 3.12 0.00	47.00 3.26 -0.02	51.64 3.63 0.00	106.28 7.36 0.00	55.03 3.67 0.00	44.71 2.81 0.00	43.52 2.70 0.00	50.70 2.92 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.76 2.40 0.00	34.65 2.12 0.00	30.97 1.92 0.00	29.10 1.79 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.76 2.53 0.00	100.33 5.81 0.00	53.80 3.35 0.00	51.44 3.37 0.00	48.52 3.31 0.00	70.59 5.25 0.00	44.01 3.41 0.00	53.51 4.08 -2.60	50.53 3.95 0.00	46.82 3.65 0.00	47.51 3.77 -0.01	52.03 4.03 0.00	106.86 7.95 0.01	55.28 3.93 0.01	44.97 3.07 0.00	43.88 3.05 0.00	50.90 3.11 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.76 2.39 0.00	34.65 2.12 0.00	30.97 1.92 0.00	29.10 1.79 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.76 2.53 0.00	100.33 5.80 0.00	53.80 3.35 0.00	51.44 3.37 0.00	48.52 3.31 0.00	70.59 5.25 0.00	44.01 3.41 0.00	53.51 4.08 -2.60	50.53 3.95 0.00	46.82 3.65 0.00	47.51 3.77 -0.01	52.03 4.03 0.00	106.86 7.95 0.01	55.28 3.93 0.01	44.97 3.07 0.00	43.88 3.05 0.00	50.90 3.11 0.00
ASTORIA_GT2_1 24094	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00
ASTORIA_GT2_2 24095	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00
ASTORIA_GT2_3 24096	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00
ASTORIA_GT2_4 24097	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00
ASTORIA_GT3_1 24098	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00
ASTORIA_GT3_2 24099	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00
ASTORIA_GT3_3 24100	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00
ASTORIA_GT3_4 24101	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00
ASTORIA_GT4_1 24102	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00
ASTORIA_GT4_2 24103	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00
ASTORIA_GT4_3 24104	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00

ASTORIA_GT4_4 24105	37.78 2.41 0.00	34.67 2.14 0.00	30.99 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.98 0.00	42.55 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.33 0.00	70.62 5.29 0.00	44.05 3.44 0.00	53.53 4.10 -2.60	50.55 3.97 0.00	46.85 3.68 0.00	47.53 3.79 -0.01	52.06 4.05 0.00	106.90 7.99 0.01	55.32 3.97 0.01	44.99 3.10 0.00	43.89 3.07 0.00	50.92 3.13 0.00
ASTORIA_GT_1 23523	37.84 2.48 0.00	34.72 2.19 0.00	31.03 1.98 0.00	29.15 1.84 0.00	29.32 1.83 0.00	35.17 2.03 0.00	42.61 2.43 0.00	44.86 2.63 0.00	100.60 6.07 0.00	53.93 3.48 0.00	51.56 3.49 0.00	48.63 3.42 0.00	70.76 5.43 0.00	44.13 3.52 0.00	53.62 4.20 -2.60	50.65 4.07 0.00	46.94 3.77 0.00	47.63 3.89 -0.01	52.15 4.14 0.00	107.13 8.22 0.01	55.43 4.07 0.01	45.07 3.18 0.00	43.97 3.15 0.00	51.01 3.23 0.00
ASTORIA_GT_10 24110	37.83 2.47 0.00	34.67 2.14 0.00	31.03 1.98 0.00	29.21 1.90 0.00	29.38 1.88 0.00	35.17 2.03 0.00	42.69 2.50 0.00	44.91 2.68 0.00	100.81 6.28 0.00	54.04 3.59 0.00	51.65 3.57 0.00	48.73 3.52 0.00	70.93 5.60 0.00	44.18 3.58 0.00	53.64 4.22 -2.60	50.68 4.10 0.00	46.97 3.80 0.00	47.69 3.95 -0.01	52.21 4.21 0.00	107.44 8.52 0.00	55.60 4.24 0.00	45.16 3.26 0.00	43.99 3.17 0.00	51.08 3.29 0.00
ASTORIA_GT_11 24225	37.83 2.47 0.00	34.67 2.14 0.00	31.03 1.98 0.00	29.21 1.90 0.00	29.38 1.88 0.00	35.17 2.03 0.00	42.69 2.50 0.00	44.91 2.68 0.00	100.81 6.28 0.00	54.04 3.59 0.00	51.65 3.57 0.00	48.73 3.52 0.00	70.93 5.60 0.00	44.18 3.58 0.00	53.64 4.22 -2.60	50.68 4.10 0.00	46.97 3.80 0.00	47.69 3.95 -0.01	52.21 4.21 0.00	107.44 8.52 0.00	55.60 4.24 0.00	45.16 3.26 0.00	43.99 3.17 0.00	51.08 3.29 0.00
ASTORIA_GT_12 24226	37.83 2.47 0.00	34.67 2.14 0.00	31.03 1.98 0.00	29.21 1.90 0.00	29.38 1.88 0.00	35.17 2.03 0.00	42.69 2.50 0.00	44.91 2.68 0.00	100.81 6.28 0.00	54.04 3.59 0.00	51.65 3.57 0.00	48.73 3.52 0.00	70.93 5.60 0.00	44.18 3.58 0.00	53.64 4.22 -2.60	50.68 4.10 0.00	46.97 3.80 0.00	47.69 3.95 -0.01	52.21 4.21 0.00	107.44 8.52 0.00	55.60 4.24 0.00	45.16 3.26 0.00	43.99 3.17 0.00	51.08 3.29 0.00
ASTORIA_GT_13 24227	37.83 2.47 0.00	34.67 2.14 0.00	31.03 1.98 0.00	29.21 1.90 0.00	29.38 1.88 0.00	35.17 2.03 0.00	42.69 2.50 0.00	44.91 2.68 0.00	100.81 6.28 0.00	54.04 3.59 0.00	51.65 3.57 0.00	48.73 3.52 0.00	70.93 5.60 0.00	44.18 3.58 0.00	53.64 4.22 -2.60	50.68 4.10 0.00	46.97 3.80 0.00	47.69 3.95 -0.01	52.21 4.21 0.00	107.44 8.52 0.00	55.60 4.24 0.00	45.16 3.26 0.00	43.99 3.17 0.00	51.08 3.29 0.00
ASTORIA_GT_5 24106	37.84 2.48 0.00	34.72 2.19 0.00	31.03 1.98 0.00	29.15 1.84 0.00	29.32 1.83 0.00	35.17 2.03 0.00	42.61 2.43 0.00	44.86 2.63 0.00	100.60 6.07 0.00	53.93 3.48 0.00	51.56 3.49 0.00	48.63 3.42 0.00	70.76 5.43 0.00	44.13 3.52 0.00	53.62 4.20 -2.60	50.65 4.07 0.00	46.94 3.77 0.00	47.63 3.89 -0.01	52.15 4.14 0.00	107.13 8.22 0.01	55.43 4.07 0.01	45.07 3.18 0.00	43.97 3.15 0.00	51.01 3.23 0.00
ASTORIA_GT_7 24107	37.84 2.48 0.00	34.72 2.19 0.00	31.03 1.98 0.00	29.15 1.84 0.00	29.32 1.83 0.00	35.17 2.03 0.00	42.61 2.43 0.00	44.86 2.63 0.00	100.60 6.07 0.00	53.93 3.48 0.00	51.56 3.49 0.00	48.63 3.42 0.00	70.76 5.43 0.00	44.13 3.52 0.00	53.62 4.20 -2.60	50.65 4.07 0.00	46.94 3.77 0.00	47.63 3.89 -0.01	52.15 4.14 0.00	107.13 8.22 0.01	55.43 4.07 0.01	45.07 3.18 0.00	43.97 3.15 0.00	51.01 3.23 0.00
ASTORIA_GT_8 24108	37.84 2.48 0.00	34.72 2.19 0.00	31.03 1.98 0.00	29.15 1.84 0.00	29.32 1.83 0.00	35.17 2.03 0.00	42.61 2.43 0.00	44.86 2.63 0.00	100.60 6.07 0.00	53.93 3.48 0.00	51.56 3.49 0.00	48.63 3.42 0.00	70.76 5.43 0.00	44.13 3.52 0.00	53.62 4.20 -2.60	50.65 4.07 0.00	46.94 3.77 0.00	47.63 3.89 -0.01	52.15 4.14 0.00	107.13 8.22 0.01	55.43 4.07 0.01	45.07 3.18 0.00	43.97 3.15 0.00	51.01 3.23 0.00
ASTORIA___2 24149	37.78 2.41 0.00	34.66 2.13 0.00	30.98 1.93 0.00	29.11 1.80 0.00	29.28 1.79 0.00	35.12 1.97 0.00	42.54 2.36 0.00	44.78 2.55 0.00	100.40 5.88 0.00	53.83 3.38 0.00	51.46 3.39 0.00	48.54 3.34 0.00	70.62 5.28 0.00	44.05 3.44 0.00	53.52 4.10 -2.60	50.56 3.97 0.00	46.84 3.67 0.00	47.53 3.79 -0.01	52.05 4.04 0.00	106.90 7.99 0.01	55.32 3.96 0.01	45.00 3.10 0.00	43.90 3.08 0.00	50.91 3.13 0.00
ASTORIA___3 23516	37.83 2.47 0.00	34.66 2.12 0.00	31.03 1.98 0.00	29.21 1.90 0.00	29.38 1.88 0.00	35.17 2.03 0.00	42.69 2.50 0.00	44.92 2.68 0.00	100.81 6.28 0.00	54.04 3.58 0.00	51.65 3.58 0.00	48.73 3.52 0.00	70.93 5.59 0.00	44.19 3.58 0.00	53.64 4.22 -2.60	50.69 4.10 0.00	46.97 3.80 0.00	47.69 3.95 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.60 4.24 0.00	45.16 3.27 0.00	44.00 3.17 0.00	51.07 3.29 0.00
ASTORIA___4 23517	37.83 2.47 0.00	34.67 2.14 0.00	31.03 1.98 0.00	29.21 1.90 0.00	29.38 1.88 0.00	35.17 2.03 0.00	42.69 2.50 0.00	44.91 2.68 0.00	100.81 6.28 0.00	54.04 3.59 0.00	51.65 3.57 0.00	48.73 3.52 0.00	70.93 5.60 0.00	44.18 3.58 0.00	53.64 4.22 -2.60	50.68 4.10 0.00	46.97 3.80 0.00	47.69 3.95 -0.01	52.21 4.21 0.00	107.44 8.52 0.00	55.60 4.24 0.00	45.16 3.26 0.00	43.99 3.17 0.00	51.08 3.29 0.00
ASTORIA___5 23518	37.83 2.47 0.00	34.66 2.12 0.00	31.03 1.98 0.00	29.21 1.90 0.00	29.38 1.88 0.00	35.17 2.03 0.00	42.69 2.50 0.00	44.92 2.68 0.00	100.81 6.28 0.00	54.04 3.58 0.00	51.65 3.58 0.00	48.73 3.52 0.00	70.93 5.59 0.00	44.19 3.58 0.00	53.64 4.22 -2.60	50.69 4.10 0.00	46.97 3.80 0.00	47.69 3.95 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.60 4.24 0.00	45.16 3.27 0.00	44.00 3.17 0.00	51.07 3.29 0.00
AST_ENERGY_2_CC3 323677	37.79 2.43 0.00	34.62 2.09 0.00	30.97 1.92 0.00	29.15 1.85 0.00	29.32 1.82 0.00	35.16 2.02 0.00	42.67 2.49 0.00	44.90 2.66 0.00	100.81 6.28 0.00	54.00 3.54 0.00	51.61 3.53 0.00	48.70 3.49 0.00	70.92 5.58 0.00	44.16 3.55 0.00	53.62 4.21 -2.60	50.66 4.08 0.00	46.94 3.78 0.00	47.66 3.92 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.61 4.25 0.00	45.13 3.23 0.00	43.95 3.13 0.00	51.07 3.29 0.00
AST_ENERGY_2_CC4 323678	37.79 2.43 0.00	34.62 2.09 0.00	30.97 1.92 0.00	29.15 1.85 0.00	29.32 1.82 0.00	35.16 2.02 0.00	42.67 2.49 0.00	44.90 2.66 0.00	100.81 6.28 0.00	54.00 3.54 0.00	51.61 3.53 0.00	48.70 3.49 0.00	70.92 5.58 0.00	44.16 3.55 0.00	53.62 4.21 -2.60	50.66 4.08 0.00	46.94 3.78 0.00	47.66 3.92 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.61 4.25 0.00	45.13 3.23 0.00	43.95 3.13 0.00	51.07 3.29 0.00

ATHENS_STG_1 23668	36.73 1.37 0.00	33.72 1.18 0.00	30.13 1.07 0.00	28.31 1.01 0.00	28.49 1.00 0.00	34.30 1.16 0.00	41.59 1.41 0.00	43.71 1.47 0.00	97.89 3.36 0.00	52.35 1.90 0.00	49.89 1.81 0.00	47.03 1.82 0.00	68.26 2.93 0.00	42.45 1.85 0.00	51.93 2.40 -2.71	48.76 2.17 0.00	45.16 1.99 0.00	45.73 2.00 -0.01	50.17 2.16 0.00	103.16 4.25 0.00	53.45 2.09 0.00	43.58 1.68 0.00	42.56 1.74 0.00	49.72 1.93 0.00
ATHENS_STG_2 23670	36.73 1.37 0.00	33.72 1.18 0.00	30.13 1.07 0.00	28.31 1.01 0.00	28.49 1.00 0.00	34.30 1.16 0.00	41.59 1.41 0.00	43.71 1.47 0.00	97.89 3.36 0.00	52.35 1.90 0.00	49.89 1.81 0.00	47.03 1.82 0.00	68.26 2.93 0.00	42.45 1.85 0.00	51.93 2.40 -2.71	48.76 2.17 0.00	45.16 1.99 0.00	45.73 2.00 -0.01	50.17 2.16 0.00	103.16 4.25 0.00	53.45 2.09 0.00	43.58 1.68 0.00	42.56 1.74 0.00	49.72 1.93 0.00
ATHENS_STG_3 23677	36.73 1.37 0.00	33.72 1.18 0.00	30.13 1.07 0.00	28.31 1.01 0.00	28.49 1.00 0.00	34.30 1.16 0.00	41.59 1.41 0.00	43.71 1.47 0.00	97.89 3.36 0.00	52.35 1.90 0.00	49.89 1.81 0.00	47.03 1.82 0.00	68.26 2.93 0.00	42.45 1.85 0.00	51.93 2.40 -2.71	48.76 2.17 0.00	45.16 1.99 0.00	45.73 2.00 -0.01	50.17 2.16 0.00	103.16 4.25 0.00	53.45 2.09 0.00	43.58 1.68 0.00	42.56 1.74 0.00	49.72 1.93 0.00
AUBURN___LFGE 323710	35.47 0.10 0.00	32.59 0.06 0.00	29.12 0.06 0.00	27.37 0.06 0.00	27.57 0.08 0.00	33.35 0.21 0.00	40.50 0.31 0.00	42.60 0.37 0.00	95.08 0.55 0.00	50.71 0.26 0.00	48.31 0.23 0.00	45.28 0.08 0.00	65.31 -0.03 0.00	40.69 0.09 0.00	47.22 -0.05 -0.45	46.52 -0.07 0.00	43.09 -0.09 -0.02	43.68 -0.05 0.00	48.16 0.15 0.00	99.55 0.63 0.00	51.83 0.47 0.00	42.15 0.27 0.02	38.95 0.23 2.11	48.26 0.48 0.00
BABYLON_RES_REC 323704	38.22 2.85 -0.01	35.04 2.51 0.00	31.27 2.22 0.00	29.38 2.07 0.00	29.48 1.99 0.00	35.39 2.25 0.00	42.86 2.67 0.00	45.11 2.88 0.00	100.85 6.33 0.00	54.13 3.67 0.00	52.59 3.62 -0.89	49.88 3.77 -0.90	81.98 6.08 -10.57	59.25 3.83 -14.82	54.30 4.48 -3.00	56.23 4.42 -5.23	52.91 4.13 -5.61	47.89 4.15 -0.02	54.21 4.53 -1.68	108.20 9.28 0.00	58.78 4.68 -2.75	45.41 3.50 -0.01	45.14 3.60 -0.72	52.55 3.93 -0.83
BALL_HILL_WT_PWR 323825	34.30 -1.06 0.00	31.45 -1.08 0.00	28.13 -0.93 0.00	26.41 -0.90 0.00	26.58 -0.92 0.00	31.65 -1.49 0.00	38.37 -1.81 0.00	40.57 -1.62 0.04	91.32 -3.20 0.00	48.29 -2.16 0.00	46.31 -1.77 0.00	42.92 -2.28 0.00	61.77 -3.57 0.00	38.68 -1.93 0.00	43.58 -3.04 0.20	43.42 -3.17 0.00	40.01 -3.01 0.14	41.21 -2.51 0.00	45.77 -2.24 0.00	95.46 -3.46 0.00	49.73 -1.62 0.00	40.12 -1.71 0.07	31.80 -1.63 7.39	46.99 -0.80 0.00
BARON_WINDS___WT_PWR 323822	34.65 -0.72 0.00	31.63 -0.90 0.00	28.26 -0.80 0.00	26.63 -0.68 0.00	26.81 -0.68 0.00	31.82 -1.32 0.00	38.51 -1.68 0.00	40.10 -2.07 0.06	91.07 -3.46 0.00	48.45 -2.00 0.00	46.57 -1.50 0.00	43.15 -2.06 0.00	62.49 -2.84 0.00	39.33 -1.27 0.00	41.70 -2.24 2.88	44.23 -2.35 0.00	40.33 -2.04 0.80	41.91 -1.79 0.02	46.36 -1.64 0.01	96.76 -2.16 0.00	50.12 -1.23 0.00	40.06 -1.73 0.10	27.69 -1.47 11.66	47.41 -0.38 0.00
BARRETT_IC_1 23704	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BARRETT_IC_10 23701	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BARRETT_IC_11 23702	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BARRETT_IC_12 23703	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BARRETT_IC_2 23705	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BARRETT_IC_3 23706	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BARRETT_IC_4 23707	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BARRETT_IC_5 23708	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81

BARRETT_IC_6 23709	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BARRETT_IC_7 23710	37.92 2.54 -0.01	34.79 2.25 0.00	31.06 2.01 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.34 0.00	44.74 2.51 0.00	100.18 5.66 0.00	53.75 3.29 0.00	52.19 3.26 -0.86	49.42 3.34 -0.87	80.81 5.26 -10.21	58.28 3.36 -14.32	53.87 4.07 -2.98	55.54 3.90 -5.06	52.20 3.61 -5.42	47.49 3.75 -0.02	53.66 4.03 -1.62	107.21 8.29 0.00	58.17 4.17 -2.65	45.00 3.10 -0.01	44.63 3.11 -0.70	52.05 3.46 -0.81
BARRETT_IC_8 23711	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BARRETT_IC_9 23700	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BARRETT___1 23545	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BARRETT___2 23546	37.92 2.54 -0.01	34.78 2.25 0.00	31.06 2.00 0.00	29.17 1.86 0.00	29.26 1.77 0.00	35.11 1.97 0.00	42.52 2.33 0.00	44.74 2.51 0.00	100.19 5.66 0.00	53.75 3.30 0.00	52.18 3.25 -0.86	49.42 3.34 -0.87	80.80 5.26 -10.21	58.27 3.35 -14.32	53.87 4.06 -2.98	55.54 3.91 -5.06	52.20 3.61 -5.42	47.49 3.74 -0.02	53.66 4.03 -1.62	107.23 8.31 0.00	58.18 4.17 -2.65	45.01 3.11 -0.01	44.63 3.11 -0.70	52.04 3.44 -0.81
BATAVIA__115KV_TB1 55881	34.46 -0.91 0.00	31.50 -1.03 0.00	28.09 -0.96 0.00	26.43 -0.88 0.00	26.66 -0.83 0.00	31.91 -1.23 0.00	38.72 -1.46 0.00	41.10 -1.10 0.03	92.13 -2.39 0.00	48.76 -1.70 0.00	46.80 -1.27 0.00	43.22 -1.99 0.00	62.19 -3.15 0.00	38.93 -1.68 -0.01	44.17 -2.68 -0.03	43.86 -2.73 0.00	40.58 -2.51 0.08	41.87 -1.86 0.00	46.23 -1.78 0.00	96.07 -2.85 0.00	50.19 -1.17 0.00	40.68 -1.16 0.05	34.19 -1.17 5.47	46.99 -0.80 0.00
BAYONEEC___CTG1 323682	37.82 2.45 0.00	34.64 2.11 0.00	30.99 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.18 2.04 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.91 6.38 0.00	54.06 3.61 0.00	51.66 3.58 0.00	48.75 3.54 0.00	70.99 5.66 0.00	44.20 3.60 0.00	53.68 4.26 -2.60	50.73 4.14 0.00	46.99 3.83 0.00	47.73 4.00 -0.01	52.27 4.26 0.00	107.57 8.65 0.00	55.68 4.32 0.00	45.19 3.29 0.00	43.99 3.17 0.00	51.13 3.34 0.00
BAYONEEC___CTG10 323750	37.82 2.45 0.00	34.64 2.11 0.00	30.99 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.18 2.04 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.91 6.38 0.00	54.06 3.61 0.00	51.66 3.58 0.00	48.75 3.54 0.00	70.99 5.66 0.00	44.20 3.60 0.00	53.68 4.26 -2.60	50.73 4.14 0.00	46.99 3.83 0.00	47.73 4.00 -0.01	52.27 4.26 0.00	107.57 8.65 0.00	55.68 4.32 0.00	45.19 3.29 0.00	43.99 3.17 0.00	51.13 3.34 0.00
BAYONEEC___CTG2 323683	37.82 2.45 0.00	34.64 2.11 0.00	30.99 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.18 2.04 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.91 6.38 0.00	54.06 3.61 0.00	51.66 3.58 0.00	48.75 3.54 0.00	70.99 5.66 0.00	44.20 3.60 0.00	53.68 4.26 -2.60	50.73 4.14 0.00	46.99 3.83 0.00	47.73 4.00 -0.01	52.27 4.26 0.00	107.57 8.65 0.00	55.68 4.32 0.00	45.19 3.29 0.00	43.99 3.17 0.00	51.13 3.34 0.00
BAYONEEC___CTG3 323684	37.82 2.45 0.00	34.64 2.11 0.00	30.99 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.18 2.04 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.91 6.38 0.00	54.06 3.61 0.00	51.66 3.58 0.00	48.75 3.54 0.00	70.99 5.66 0.00	44.20 3.60 0.00	53.68 4.26 -2.60	50.73 4.14 0.00	46.99 3.83 0.00	47.73 4.00 -0.01	52.27 4.26 0.00	107.57 8.65 0.00	55.68 4.32 0.00	45.19 3.29 0.00	43.99 3.17 0.00	51.13 3.34 0.00
BAYONEEC___CTG4 323685	37.82 2.45 0.00	34.64 2.11 0.00	30.99 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.18 2.04 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.91 6.38 0.00	54.06 3.61 0.00	51.66 3.58 0.00	48.75 3.54 0.00	70.99 5.66 0.00	44.20 3.60 0.00	53.68 4.26 -2.60	50.73 4.14 0.00	46.99 3.83 0.00	47.73 4.00 -0.01	52.27 4.26 0.00	107.57 8.65 0.00	55.68 4.32 0.00	45.19 3.29 0.00	43.99 3.17 0.00	51.13 3.34 0.00
BAYONEEC___CTG5 323686	37.82 2.45 0.00	34.64 2.11 0.00	30.99 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.18 2.04 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.91 6.38 0.00	54.06 3.61 0.00	51.66 3.58 0.00	48.75 3.54 0.00	70.99 5.66 0.00	44.20 3.60 0.00	53.68 4.26 -2.60	50.73 4.14 0.00	46.99 3.83 0.00	47.73 4.00 -0.01	52.27 4.26 0.00	107.57 8.65 0.00	55.68 4.32 0.00	45.19 3.29 0.00	43.99 3.17 0.00	51.13 3.34 0.00
BAYONEEC___CTG6 323687	37.82 2.45 0.00	34.64 2.11 0.00	30.99 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.18 2.04 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.91 6.38 0.00	54.06 3.61 0.00	51.66 3.58 0.00	48.75 3.54 0.00	70.99 5.66 0.00	44.20 3.60 0.00	53.68 4.26 -2.60	50.73 4.14 0.00	46.99 3.83 0.00	47.73 4.00 -0.01	52.27 4.26 0.00	107.57 8.65 0.00	55.68 4.32 0.00	45.19 3.29 0.00	43.99 3.17 0.00	51.13 3.34 0.00
BAYONEEC___CTG7 323688	37.82 2.45 0.00	34.64 2.11 0.00	30.99 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.18 2.04 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.91 6.38 0.00	54.06 3.61 0.00	51.66 3.58 0.00	48.75 3.54 0.00	70.99 5.66 0.00	44.20 3.60 0.00	53.68 4.26 -2.60	50.73 4.14 0.00	46.99 3.83 0.00	47.73 4.00 -0.01	52.27 4.26 0.00	107.57 8.65 0.00	55.68 4.32 0.00	45.19 3.29 0.00	43.99 3.17 0.00	51.13 3.34 0.00

BAYONEEC___CTG8 323689	37.82 2.45 0.00	34.64 2.11 0.00	30.99 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.18 2.04 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.91 6.38 0.00	54.06 3.61 0.00	51.66 3.58 0.00	48.75 3.54 0.00	70.99 5.66 0.00	44.20 3.60 0.00	53.68 4.26 -2.60	50.73 4.14 0.00	46.99 3.83 0.00	47.73 4.00 -0.01	52.27 4.26 0.00	107.57 8.65 0.00	55.68 4.32 0.00	45.19 3.29 0.00	43.99 3.17 0.00	51.13 3.34 0.00
BAYONEEC___CTG9 323749	37.82 2.45 0.00	34.64 2.11 0.00	30.99 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.18 2.04 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.91 6.38 0.00	54.06 3.61 0.00	51.66 3.58 0.00	48.75 3.54 0.00	70.99 5.66 0.00	44.20 3.60 0.00	53.68 4.26 -2.60	50.73 4.14 0.00	46.99 3.83 0.00	47.73 4.00 -0.01	52.27 4.26 0.00	107.57 8.65 0.00	55.68 4.32 0.00	45.19 3.29 0.00	43.99 3.17 0.00	51.13 3.34 0.00
BAYPORT_69_KV_BK 2 356364	38.37 3.00 -0.01	35.23 2.70 0.00	31.41 2.36 0.00	29.51 2.20 0.00	29.63 2.13 0.00	35.57 2.43 0.00	43.09 2.90 0.00	45.29 3.05 0.00	101.04 6.51 0.00	54.29 3.84 0.00	52.69 3.78 -0.83	50.10 4.06 -0.84	81.74 6.59 -9.81	58.50 4.13 -13.77	54.74 4.95 -2.97	56.30 4.85 -4.86	52.93 4.55 -5.21	48.31 4.57 -0.02	54.58 5.01 -1.56	109.26 10.34 0.00	59.15 5.25 -2.55	45.79 3.88 -0.01	45.47 3.97 -0.67	52.85 4.29 -0.77
BEACON___LESR 323632	36.56 1.20 0.00	33.62 1.09 0.00	30.04 0.98 0.00	28.23 0.92 0.00	28.42 0.93 0.00	34.24 1.10 0.00	41.52 1.33 0.00	43.64 1.40 0.00	97.53 3.00 0.00	52.07 1.62 0.00	49.57 1.50 0.00	46.79 1.59 0.00	67.94 2.61 0.00	42.25 1.64 0.00	51.76 1.94 -3.00	48.50 1.92 0.00	44.98 1.81 0.00	45.48 1.74 -0.02	49.84 1.83 0.00	102.46 3.54 0.00	53.02 1.67 0.00	43.31 1.42 0.00	42.33 1.50 0.00	49.73 1.94 0.00
BEAVER RIVER___HYD 24048	34.90 -0.46 0.00	32.10 -0.43 0.00	28.60 -0.46 0.00	26.90 -0.41 0.00	27.13 -0.36 0.00	32.75 -0.39 0.00	39.67 -0.52 0.00	41.70 -0.53 0.00	93.31 -1.21 0.00	49.93 -0.53 0.00	47.46 -0.62 0.00	44.61 -0.60 0.00	64.06 -1.28 0.00	39.66 -0.94 0.00	45.84 -1.11 -0.13	45.68 -0.90 0.00	42.49 -0.68 0.00	43.17 -0.55 0.00	47.53 -0.48 0.00	98.59 -0.32 0.00	51.02 -0.33 0.00	41.04 -0.86 0.00	39.75 -1.08 0.00	45.89 -1.90 0.00
BEEBEE_GT_13 23619	34.59 -0.78 0.00	31.72 -0.81 0.00	28.27 -0.78 0.00	26.58 -0.72 0.00	26.79 -0.70 0.00	32.14 -1.00 0.00	39.01 -1.18 0.00	41.29 -0.92 0.02	92.52 -2.00 0.00	49.22 -1.24 0.00	47.25 -0.83 0.00	43.93 -1.28 0.00	63.18 -2.16 0.00	39.42 -1.19 0.00	45.35 -1.79 -0.32	44.83 -1.75 0.00	41.52 -1.65 0.00	42.45 -1.28 0.00	46.84 -1.17 0.00	96.75 -2.17 0.00	50.32 -1.04 0.00	40.85 -1.01 0.04	35.67 -1.08 4.08	46.98 -0.81 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.24 2.88 0.00	35.01 2.48 0.00	31.31 2.26 0.00	29.45 2.14 0.00	29.61 2.12 0.00	35.51 2.37 0.00	43.09 2.91 0.00	45.33 3.10 0.00	101.72 7.20 0.00	54.51 4.05 0.00	52.13 4.06 0.00	49.15 3.95 0.00	71.62 6.28 0.00	44.61 4.00 0.00	54.11 4.69 -2.60	51.15 4.56 0.00	47.40 4.24 0.00	48.13 4.39 -0.01	52.74 4.73 0.00	108.57 9.65 0.00	56.23 4.87 0.00	45.63 3.74 0.00	44.43 3.61 0.00	51.60 3.81 0.00
BETHLEHEM___GRP 23843	36.13 0.76 0.00	33.22 0.69 0.00	29.67 0.62 0.00	27.90 0.59 0.00	28.08 0.59 0.00	33.81 0.66 0.00	40.96 0.77 0.00	43.03 0.79 0.00	96.11 1.59 0.00	51.32 0.87 0.00	48.84 0.77 0.00	46.13 0.92 0.00	66.97 1.64 0.00	41.64 1.04 0.00	51.06 1.23 -3.00	47.81 1.23 0.00	44.33 1.16 0.00	44.80 1.06 -0.02	49.05 1.04 0.00	100.79 1.88 0.00	52.22 0.87 0.00	42.69 0.79 0.00	41.75 0.93 0.00	49.14 1.36 0.00
BETHLEHEM___GS1 323560	36.13 0.76 0.00	33.21 0.68 0.00	29.67 0.62 0.00	27.90 0.59 0.00	28.08 0.59 0.00	33.81 0.66 0.00	40.96 0.77 0.00	43.02 0.80 0.00	96.11 1.58 0.00	51.32 0.87 0.00	48.84 0.76 0.00	46.12 0.91 0.00	66.97 1.63 0.00	41.64 1.04 0.00	51.06 1.23 -3.00	47.80 1.22 0.00	44.32 1.16 0.00	44.80 1.07 -0.02	49.05 1.04 0.00	100.78 1.87 0.00	52.22 0.86 0.00	42.70 0.80 0.00	41.75 0.92 0.00	49.14 1.36 0.00
BETHLEHEM___GS2 323561	36.13 0.76 0.00	33.21 0.68 0.00	29.67 0.62 0.00	27.90 0.59 0.00	28.08 0.59 0.00	33.81 0.66 0.00	40.96 0.77 0.00	43.02 0.80 0.00	96.11 1.58 0.00	51.32 0.87 0.00	48.84 0.76 0.00	46.12 0.91 0.00	66.97 1.63 0.00	41.64 1.04 0.00	51.06 1.23 -3.00	47.80 1.22 0.00	44.32 1.16 0.00	44.80 1.07 -0.02	49.05 1.04 0.00	100.78 1.87 0.00	52.22 0.86 0.00	42.70 0.80 0.00	41.75 0.92 0.00	49.14 1.36 0.00
BETHLEHEM___GS3 323562	36.13 0.76 0.00	33.21 0.68 0.00	29.67 0.62 0.00	27.90 0.59 0.00	28.08 0.59 0.00	33.81 0.66 0.00	40.96 0.77 0.00	43.02 0.80 0.00	96.11 1.58 0.00	51.32 0.87 0.00	48.84 0.76 0.00	46.12 0.91 0.00	66.97 1.63 0.00	41.64 1.04 0.00	51.06 1.23 -3.00	47.80 1.22 0.00	44.32 1.16 0.00	44.80 1.07 -0.02	49.05 1.04 0.00	100.78 1.87 0.00	52.22 0.86 0.00	42.70 0.80 0.00	41.75 0.92 0.00	49.14 1.36 0.00
BETHLEHEM___STEEL 23779	33.94 -1.43 0.00	31.09 -1.44 0.00	27.75 -1.31 0.00	26.07 -1.24 0.00	26.24 -1.25 0.00	31.29 -1.86 0.00	37.87 -2.32 0.00	40.08 -2.12 0.04	90.07 -4.45 0.00	47.71 -2.75 0.00	45.83 -2.25 0.00	42.43 -2.77 0.00	60.96 -4.37 0.00	38.18 -2.43 -0.01	43.08 -3.55 0.20	43.10 -3.49 0.00	39.74 -3.29 0.14	40.86 -2.86 0.00	45.17 -2.83 0.00	94.02 -4.90 0.00	49.10 -2.26 0.00	39.73 -2.10 0.06	31.64 -2.00 7.18	46.34 -1.45 0.00
BETHLHEM_115KV_TB1 79974	36.20 0.83 0.00	33.28 0.74 0.00	29.73 0.67 0.00	27.95 0.64 0.00	28.13 0.63 0.00	33.87 0.73 0.00	41.02 0.83 0.00	43.10 0.87 0.00	96.31 1.79 0.00	51.43 0.98 0.00	48.96 0.89 0.00	46.22 1.01 0.00	67.10 1.76 0.00	41.71 1.11 0.00	51.15 1.33 -3.00	47.91 1.32 0.00	44.41 1.24 0.00	44.90 1.16 -0.02	49.17 1.16 0.00	101.07 2.15 0.00	52.35 0.99 0.00	42.79 0.89 0.00	41.84 1.02 0.00	49.19 1.40 0.00
BETHPAGE_CC_5 323564	38.15 2.78 -0.01	34.96 2.43 0.00	31.21 2.15 0.00	29.31 2.00 0.00	29.43 1.94 0.00	35.31 2.17 0.00	42.74 2.55 0.00	44.99 2.75 0.00	100.68 6.16 0.00	54.02 3.57 0.00	52.57 3.55 -0.94	49.81 3.65 -0.95	82.29 5.83 -11.13	59.89 3.69 -15.61	54.16 4.32 -3.02	56.17 4.07 -5.51	52.85 3.77 -5.91	47.57 3.83 -0.02	53.93 4.15 -1.77	107.43 8.51 0.00	58.52 4.27 -2.89	45.12 3.21 -0.01	44.99 3.41 -0.76	52.40 3.74 -0.88
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.98 -1.38 0.00	31.13 -1.40 0.00	27.79 -1.27 0.00	26.11 -1.20 0.00	26.27 -1.22 0.00	31.34 -1.80 0.00	37.94 -2.25 0.00	40.16 -2.04 0.04	90.25 -4.27 0.00	47.81 -2.64 0.00	45.94 -2.14 0.00	42.54 -2.67 0.00	61.12 -4.22 0.00	38.29 -2.32 -0.01	43.24 -3.43 0.16	43.21 -3.37 0.00	39.86 -3.18 0.13	40.96 -2.76 0.00	45.26 -2.75 0.00	94.22 -4.70 0.00	49.22 -2.14 0.00	39.81 -2.02 0.06	31.57 -1.93 7.32	46.43 -1.36 0.00

BINGHAMTON___COGEN 23790	35.82 0.46 0.00	32.90 0.37 0.00	29.40 0.34 0.00	27.59 0.29 0.00	27.78 0.29 0.00	33.45 0.30 0.00	40.68 0.50 0.00	42.69 0.45 -0.01	95.80 1.27 0.00	51.09 0.63 0.00	48.62 0.55 0.00	45.66 0.46 0.00	65.94 0.60 0.00	41.10 0.49 0.00	48.43 0.64 -0.96	47.15 0.57 0.00	43.68 0.52 0.00	44.21 0.49 0.00	48.74 0.73 0.00	100.64 1.72 0.00	52.19 0.83 0.00	42.48 0.52 -0.07	48.83 0.55 -7.46	48.65 0.86 0.00
BIXINCNT_115KV_LOAD 355685	34.43 -0.94 0.00	31.61 -0.92 0.00	28.26 -0.80 0.00	26.50 -0.81 0.00	26.59 -0.90 0.00	31.75 -1.39 0.00	38.40 -1.79 0.00	40.57 -1.62 0.04	91.43 -3.09 0.00	48.65 -1.80 0.00	46.80 -1.28 0.00	43.40 -1.81 0.00	62.43 -2.91 0.00	39.19 -1.42 -0.01	44.39 -2.48 -0.05	44.01 -2.57 0.00	40.75 -2.32 0.09	41.72 -2.00 0.00	45.67 -2.34 0.00	95.26 -3.66 0.00	50.06 -1.29 0.00	40.54 -1.29 0.07	31.61 -1.22 7.99	47.37 -0.42 0.00
BLACK RIVER___HYD 24047	34.91 -0.46 0.00	32.10 -0.43 0.00	28.62 -0.44 0.00	26.91 -0.40 0.00	27.18 -0.31 0.00	32.78 -0.36 0.00	39.45 -0.74 0.00	41.45 -0.78 0.00	92.79 -1.74 0.00	49.67 -0.78 0.00	47.22 -0.85 0.00	44.41 -0.79 0.00	63.76 -1.58 0.00	39.50 -1.10 0.00	45.74 -1.26 -0.17	45.70 -0.88 0.00	42.47 -0.69 0.00	43.21 -0.51 0.00	47.68 -0.33 0.00	99.16 0.24 0.00	51.27 -0.08 0.00	41.15 -0.74 0.00	39.66 -1.17 0.00	45.82 -1.97 0.00
BLACKRVR_115KV_TB2 79977	34.91 -0.46 0.00	32.10 -0.43 0.00	28.62 -0.44 0.00	26.91 -0.40 0.00	27.18 -0.32 0.00	32.78 -0.36 0.00	39.45 -0.74 0.00	41.45 -0.78 0.00	92.79 -1.73 0.00	49.68 -0.78 0.00	47.22 -0.85 0.00	44.41 -0.79 0.00	63.75 -1.58 0.00	39.50 -1.10 0.00	45.73 -1.26 -0.17	45.69 -0.89 0.00	42.47 -0.69 0.00	43.21 -0.51 0.00	47.68 -0.33 0.00	99.16 0.24 0.00	51.27 -0.08 0.00	41.15 -0.74 0.00	39.66 -1.17 0.00	45.82 -1.97 0.00
BLISS_WT_PWR 323608	34.44 -0.93 0.00	31.63 -0.90 0.00	28.27 -0.79 0.00	26.48 -0.83 0.00	26.56 -0.94 0.00	31.72 -1.42 0.00	38.31 -1.88 0.00	40.50 -1.69 0.04	91.35 -3.18 0.00	48.65 -1.80 0.00	46.86 -1.21 0.00	43.45 -1.76 0.00	62.50 -2.83 0.00	39.22 -1.38 -0.01	44.42 -2.45 -0.05	44.05 -2.54 0.00	40.79 -2.28 0.09	41.73 -1.98 0.00	45.58 -2.43 0.00	95.08 -3.84 0.00	50.07 -1.29 0.00	40.53 -1.29 0.07	31.60 -1.23 7.99	47.36 -0.42 0.00
BLUESTONE___WT_PWR 323821	37.31 1.94 0.00	34.22 1.69 0.00	30.25 1.19 0.00	27.64 0.33 0.00	27.67 0.18 0.00	34.16 1.02 0.00	41.54 1.36 0.00	43.83 1.58 -0.02	99.22 4.69 0.00	53.23 2.78 0.00	49.85 1.78 0.00	46.91 1.71 0.00	67.41 2.08 0.00	41.96 1.35 0.00	49.95 1.73 -1.39	48.56 1.98 0.00	44.81 1.64 0.00	45.21 1.48 -0.01	50.05 2.04 0.00	104.57 5.65 0.00	54.46 3.10 0.00	44.26 2.33 -0.03	46.46 2.54 -3.10	50.74 2.96 0.00
BLUE_CIRC_CHEM_DRP 24182	36.53 1.17 0.00	33.58 1.06 0.00	29.99 0.94 0.00	28.20 0.89 0.00	28.40 0.91 0.00	34.22 1.07 0.00	41.45 1.27 0.00	43.53 1.30 0.00	97.24 2.72 0.00	51.88 1.43 0.00	49.42 1.35 0.00	46.56 1.36 0.00	67.56 2.23 0.00	41.97 1.36 0.00	51.43 1.64 -2.97	48.20 1.61 0.00	44.69 1.53 0.00	45.26 1.52 -0.02	49.64 1.63 0.00	102.07 3.15 0.00	52.87 1.52 0.00	43.19 1.30 0.00	42.21 1.39 0.00	49.53 1.75 0.00
BOC_GAS_DRP 24189	36.33 0.96 0.00	33.38 0.85 0.00	29.82 0.77 0.00	28.03 0.72 0.00	28.22 0.72 0.00	33.98 0.84 0.00	41.17 0.98 0.00	43.25 1.02 0.00	96.76 2.23 0.00	51.68 1.23 0.00	49.23 1.16 0.00	46.41 1.20 0.00	67.34 2.00 0.00	41.83 1.23 0.00	51.31 1.49 -3.00	48.07 1.48 0.00	44.53 1.37 0.00	45.06 1.32 -0.02	49.40 1.39 0.00	101.58 2.66 0.00	52.63 1.28 0.00	42.99 1.09 0.00	42.01 1.19 0.00	49.21 1.43 0.00
BOONVILLE_115KV_TB1 79983	35.97 0.60 0.00	33.05 0.52 0.00	29.47 0.41 0.00	27.70 0.39 0.00	27.92 0.43 0.00	33.74 0.60 0.00	41.05 0.86 0.00	43.16 0.92 0.00	96.78 2.25 0.00	51.72 1.27 0.00	49.19 1.12 0.00	46.27 1.07 0.00	66.54 1.20 0.00	41.28 0.67 0.00	47.74 0.78 -0.13	47.43 0.85 0.00	44.04 0.87 0.00	44.70 0.97 0.00	49.19 1.18 0.00	101.72 2.81 0.00	52.68 1.32 0.00	42.54 0.64 0.00	41.28 0.45 0.00	47.93 0.14 0.00
BORALEX_4TH_BRANCH 23824	37.21 1.84 0.00	34.19 1.66 0.00	30.55 1.50 0.00	28.71 1.40 0.00	28.84 1.35 0.00	34.77 1.64 0.00	42.06 1.88 0.00	44.18 1.95 0.00	98.81 4.29 0.00	52.84 2.38 0.00	50.18 2.10 0.00	47.41 2.20 0.00	68.79 3.45 0.00	42.69 2.09 0.00	52.49 2.66 -3.01	49.16 2.57 0.00	45.54 2.37 0.00	45.92 2.18 -0.02	50.32 2.31 0.00	103.41 4.49 0.00	53.46 2.10 0.00	44.00 2.10 0.00	43.06 2.24 0.00	50.36 2.57 0.00
BOWLINE___1 23526	37.57 2.21 0.00	34.41 1.88 0.00	30.76 1.71 0.00	28.91 1.60 0.00	29.08 1.58 0.00	34.93 1.79 0.00	42.40 2.22 0.00	44.56 2.33 0.00	100.00 5.47 0.00	53.52 3.07 0.00	51.11 3.04 0.00	48.20 3.00 0.00	70.22 4.89 0.00	43.73 3.13 0.00	53.11 3.73 -2.56	50.19 3.60 0.00	46.50 3.34 0.00	47.23 3.49 -0.01	51.76 3.76 0.00	106.54 7.62 0.00	55.18 3.82 0.00	44.79 2.88 -0.01	44.48 2.78 -0.87	50.78 2.99 0.00
BOWLINE___2 23595	37.57 2.21 0.00	34.41 1.88 0.00	30.76 1.71 0.00	28.91 1.60 0.00	29.08 1.58 0.00	34.93 1.79 0.00	42.40 2.22 0.00	44.56 2.33 0.00	100.00 5.47 0.00	53.52 3.07 0.00	51.11 3.04 0.00	48.20 3.00 0.00	70.22 4.89 0.00	43.73 3.13 0.00	53.11 3.73 -2.56	50.19 3.61 0.00	46.50 3.34 0.00	47.23 3.49 -0.01	51.76 3.76 0.00	106.54 7.62 0.00	55.18 3.82 0.00	44.79 2.88 -0.01	44.48 2.78 -0.87	50.78 2.99 0.00
BRADY___115KV_TB2 356060	35.09 -0.27 0.00	32.36 -0.17 0.00	28.90 -0.16 0.00	27.19 -0.12 0.00	27.38 -0.11 0.00	33.15 0.00 0.00	40.36 0.17 0.00	42.53 0.30 0.00	94.72 0.19 0.00	50.49 0.04 0.00	47.98 -0.09 0.00	44.96 -0.24 0.00	64.44 -0.89 0.00	40.00 -0.60 0.00	46.08 -0.74 0.00	45.96 -0.63 0.00	42.68 -0.49 0.00	43.39 -0.34 0.00	47.70 -0.31 0.00	98.78 -0.14 0.00	51.48 0.12 0.00	42.02 0.12 0.00	40.66 -0.17 0.00	47.33 -0.46 0.00
BRANSCOMB___SOLAR 323811	37.33 1.96 0.00	34.29 1.76 0.00	30.64 1.58 0.00	28.81 1.50 0.00	29.01 1.52 0.00	35.09 1.95 0.00	42.56 2.37 0.00	44.75 2.52 0.00	100.18 5.66 0.00	53.55 3.10 0.00	50.90 2.82 0.00	47.98 2.78 0.00	69.55 4.22 0.00	43.20 2.60 0.00	52.99 3.12 -3.05	49.61 3.02 0.00	46.00 2.83 0.00	46.50 2.76 -0.02	50.94 2.93 0.00	104.85 5.93 0.00	54.24 2.88 0.00	44.36 2.46 0.00	43.32 2.49 0.00	50.69 2.91 0.00
BRDGHMPT_69_KV_BK1 55812	37.58 2.21 -0.01	34.46 1.93 0.00	30.77 1.71 0.00	28.90 1.59 0.00	29.03 1.53 0.00	34.89 1.75 0.00	42.27 2.08 0.00	44.35 2.12 0.00	98.83 4.31 0.00	53.01 2.55 0.00	51.67 2.78 -0.82	49.18 3.15 -0.83	79.78 4.74 -9.71	57.53 3.31 -13.61	54.01 4.23 -2.97	55.56 4.17 -4.81	52.20 3.88 -5.16	47.72 3.98 -0.02	53.94 4.39 -1.54	107.96 9.04 0.00	58.41 4.53 -2.52	45.11 3.21 -0.01	44.72 3.23 -0.66	51.86 3.31 -0.77

BRENTWOD_69_KV_W. BRTWOOD 56703	38.37 3.00 -0.01	35.15 2.61 0.00	31.33 2.27 0.00	29.42 2.11 0.00	29.52 2.03 0.00	35.43 2.29 0.00	42.90 2.71 0.00	45.11 2.88 0.00	100.78 6.26 0.00	54.14 3.68 0.00	52.57 3.66 -0.83	49.90 3.85 -0.84	81.39 6.21 -9.85	58.19 3.78 -13.81	54.28 4.49 -2.97	55.88 4.42 -4.88	52.51 4.11 -5.23	47.84 4.10 -0.02	54.06 4.48 -1.57	108.14 9.22 0.00	58.59 4.67 -2.56	45.49 3.59 -0.01	45.19 3.69 -0.67	52.64 4.08 -0.78
BRISTLHL_115KV_TB1 79998	34.56 -0.80 0.00	31.77 -0.76 0.00	28.36 -0.69 0.00	26.67 -0.64 0.00	26.85 -0.64 0.00	32.35 -0.79 0.00	39.20 -0.99 0.00	41.15 -1.08 0.00	92.24 -2.28 0.00	49.24 -1.21 0.00	46.93 -1.15 0.00	44.09 -1.12 0.00	63.66 -1.67 0.00	39.55 -1.05 0.00	45.82 -1.25 -0.25	45.36 -1.23 0.00	41.99 -1.18 0.00	42.55 -1.18 0.00	46.78 -1.23 0.00	96.51 -2.41 0.00	50.10 -1.26 0.00	40.81 -1.08 0.00	39.74 -1.08 0.00	46.60 -1.19 0.00
BROOKHAVEN___DRP 24191	38.02 2.64 -0.01	34.92 2.38 0.00	31.16 2.11 0.00	29.27 1.96 0.00	29.38 1.89 0.00	35.27 2.13 0.00	42.70 2.52 0.00	44.86 2.62 0.00	100.05 5.53 0.00	53.73 3.27 0.00	52.21 3.32 -0.82	49.60 3.57 -0.83	80.76 5.73 -9.70	57.86 3.65 -13.61	54.25 4.46 -2.97	55.74 4.35 -4.81	52.39 4.06 -5.15	47.81 4.07 -0.02	54.01 4.46 -1.54	108.10 9.18 0.00	58.51 4.64 -2.52	45.32 3.41 -0.01	45.04 3.55 -0.66	52.35 3.80 -0.77
BROOKLYN_NAVY_YARD 23515	37.76 2.40 0.00	34.61 2.08 0.00	30.96 1.90 0.00	29.13 1.82 0.00	29.29 1.80 0.00	35.16 2.02 0.00	42.67 2.48 0.00	44.84 2.61 0.00	100.62 6.09 0.00	53.93 3.48 0.00	51.54 3.47 0.00	48.61 3.40 0.00	70.81 5.47 0.00	44.13 3.53 0.00	53.63 4.22 -2.60	50.69 4.11 0.00	46.94 3.78 0.00	47.65 3.92 -0.01	52.19 4.18 0.00	107.26 8.34 0.00	55.54 4.18 0.00	45.10 3.21 0.00	43.92 3.09 0.00	51.02 3.24 0.00
BROOKLYN___ARMY_DRP 323595	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 3.56 0.00
BROOME_2_LFGE 323671	35.82 0.46 0.00	32.90 0.37 0.00	29.40 0.34 0.00	27.59 0.29 0.00	27.78 0.29 0.00	33.44 0.30 0.00	40.68 0.50 0.00	42.69 0.45 -0.01	95.80 1.27 0.00	51.09 0.63 0.00	48.62 0.55 0.00	45.66 0.45 0.00	65.94 0.60 0.00	41.10 0.49 0.00	48.43 0.64 -0.96	47.15 0.57 0.00	43.69 0.52 0.00	44.22 0.49 0.00	48.74 0.73 0.00	100.64 1.72 0.00	52.19 0.83 0.00	42.47 0.51 -0.07	48.83 0.55 -7.46	48.65 0.86 0.00
BROOME___LFGE 323600	35.82 0.46 0.00	32.90 0.37 0.00	29.40 0.34 0.00	27.59 0.29 0.00	27.78 0.29 0.00	33.44 0.30 0.00	40.68 0.50 0.00	42.69 0.45 -0.01	95.80 1.27 0.00	51.09 0.63 0.00	48.62 0.55 0.00	45.66 0.45 0.00	65.94 0.60 0.00	41.10 0.49 0.00	48.43 0.64 -0.96	47.15 0.57 0.00	43.69 0.52 0.00	44.22 0.49 0.00	48.74 0.73 0.00	100.64 1.72 0.00	52.19 0.83 0.00	42.47 0.51 -0.07	48.83 0.55 -7.46	48.65 0.86 0.00
BROWNFLS_115KV_TB_3_5 80003	34.26 -1.10 0.00	31.55 -0.98 0.00	28.13 -0.93 0.00	26.46 -0.85 0.00	26.68 -0.81 0.00	32.25 -0.89 0.00	39.13 -1.06 0.00	41.18 -1.05 0.00	92.00 -2.53 0.00	49.17 -1.29 0.00	46.73 -1.34 0.00	43.91 -1.30 0.00	63.01 -2.33 0.00	39.04 -1.56 0.00	45.08 -1.84 -0.10	44.94 -1.65 0.00	41.77 -1.40 0.00	42.45 -1.27 0.00	46.65 -1.36 0.00	96.49 -2.43 0.00	50.08 -1.28 0.00	40.51 -1.38 0.00	39.21 -1.61 0.00	45.40 -2.39 0.00
BROWNSV1_27_KV_LOAD 356125	38.04 2.68 0.00	34.84 2.31 0.00	31.15 2.09 0.00	29.31 2.00 0.00	29.48 1.98 0.00	35.36 2.22 0.00	42.96 2.77 0.00	45.22 2.99 0.00	101.53 7.00 0.00	54.40 3.94 0.00	51.99 3.91 0.00	49.05 3.84 0.00	71.44 6.10 0.00	44.48 3.88 0.00	54.00 4.58 -2.60	51.04 4.46 0.00	47.29 4.12 0.00	48.04 4.30 -0.01	52.60 4.59 0.00	108.29 9.37 0.00	56.04 4.68 0.00	45.47 3.58 0.00	44.27 3.45 0.00	51.44 3.65 0.00
BURROWS___LYONSDAL 23803	35.74 0.38 0.00	32.85 0.32 0.00	29.29 0.23 0.00	27.53 0.22 0.00	27.76 0.26 0.00	33.53 0.39 0.00	40.77 0.58 0.00	42.85 0.62 0.00	96.06 1.53 0.00	51.36 0.90 0.00	48.85 0.77 0.00	45.93 0.72 0.00	66.02 0.68 0.00	40.93 0.32 0.00	47.33 0.38 -0.13	47.06 0.47 0.00	43.71 0.55 0.00	44.38 0.65 0.00	48.84 0.83 0.00	101.09 2.17 0.00	52.33 0.98 0.00	42.18 0.29 0.00	40.91 0.08 0.00	47.39 -0.39 0.00
CAITHNESS_CC_1 323624	37.97 2.60 -0.01	34.87 2.34 0.00	31.13 2.07 0.00	29.24 1.93 0.00	29.35 1.86 0.00	35.24 2.09 0.00	42.64 2.45 0.00	44.81 2.58 0.00	99.99 5.46 0.00	53.70 3.25 0.00	52.17 3.28 -0.82	49.57 3.53 -0.83	80.71 5.67 -9.70	57.81 3.60 -13.60	54.17 4.39 -2.97	55.66 4.27 -4.80	52.30 3.98 -5.15	47.72 3.98 -0.02	53.91 4.36 -1.54	107.88 8.96 0.00	58.41 4.53 -2.52	45.24 3.34 -0.01	44.97 3.48 -0.66	52.28 3.73 -0.77
CALPINE BETH_PAGE_GT4 24209	38.21 2.83 -0.01	35.02 2.49 0.00	31.24 2.19 0.00	29.35 2.05 0.00	29.46 1.97 0.00	35.33 2.19 0.00	42.76 2.57 0.00	45.00 2.76 0.00	100.75 6.23 0.00	54.05 3.60 0.00	52.65 3.58 -0.99	49.89 3.68 -1.00	82.96 5.85 -11.78	60.82 3.70 -16.52	54.23 4.36 -3.04	56.48 4.06 -5.83	53.19 3.77 -6.25	47.57 3.83 -0.02	54.05 4.16 -1.87	107.44 8.52 0.00	58.69 4.27 -3.06	45.12 3.22 -0.01	45.06 3.43 -0.80	52.54 3.82 -0.93
CALPINE_BETH_PAGE_GT_4 323586	38.21 2.83 -0.01	35.01 2.48 0.00	31.25 2.19 0.00	29.35 2.05 0.00	29.46 1.97 0.00	35.34 2.19 0.00	42.76 2.57 0.00	45.00 2.77 0.00	100.76 6.23 0.00	54.05 3.60 0.00	52.65 3.58 -0.99	49.89 3.68 -1.00	82.97 5.86 -11.78	60.82 3.71 -16.52	54.23 4.36 -3.04	56.48 4.06 -5.83	53.19 3.77 -6.25	47.57 3.83 -0.02	54.05 4.17 -1.87	107.43 8.51 0.00	58.69 4.27 -3.06	45.13 3.22 -0.01	45.06 3.43 -0.80	52.54 3.82 -0.93
CALPINE_BP_GT1 23823	38.21 2.83 -0.01	35.01 2.48 0.00	31.25 2.19 0.00	29.35 2.05 0.00	29.46 1.97 0.00	35.34 2.19 0.00	42.76 2.57 0.00	45.00 2.77 0.00	100.76 6.23 0.00	54.05 3.60 0.00	52.65 3.58 -0.99	49.89 3.68 -1.00	82.97 5.86 -11.78	60.82 3.71 -16.52	54.23 4.36 -3.04	56.48 4.06 -5.83	53.19 3.77 -6.25	47.57 3.83 -0.02	54.05 4.17 -1.87	107.43 8.51 0.00	58.69 4.27 -3.06	45.13 3.22 -0.01	45.06 3.43 -0.80	52.54 3.82 -0.93
CALSPAN___DRP 24200	33.94 -1.43 0.00	31.09 -1.44 0.00	27.75 -1.31 0.00	26.07 -1.24 0.00	26.24 -1.25 0.00	31.29 -1.86 0.00	37.87 -2.32 0.00	40.08 -2.12 0.04	90.07 -4.45 0.00	47.71 -2.75 0.00	45.83 -2.25 0.00	42.43 -2.77 0.00	60.96 -4.37 0.00	38.18 -2.43 -0.01	43.08 -3.55 0.20	43.10 -3.49 0.00	39.74 -3.29 0.14	40.86 -2.86 0.00	45.17 -2.83 0.00	94.02 -4.90 0.00	49.10 -2.26 0.00	39.73 -2.10 0.06	31.64 -2.00 7.18	46.34 -1.45 0.00

CALVERTON___SOLAR 323806	38.03 2.66 -0.01	34.92 2.38 0.00	31.17 2.11 0.00	29.28 1.97 0.00	29.39 1.90 0.00	35.29 2.15 0.00	42.72 2.53 0.00	44.87 2.64 0.00	100.06 5.53 0.00	53.72 3.27 0.00	52.21 3.32 -0.82	49.63 3.59 -0.83	80.77 5.74 -9.70	57.89 3.68 -13.61	54.30 4.51 -2.97	55.79 4.40 -4.81	52.44 4.13 -5.15	47.87 4.13 -0.02	54.09 4.54 -1.54	108.28 9.35 0.00	58.61 4.74 -2.52	45.38 3.47 -0.01	45.08 3.59 -0.66	52.38 3.82 -0.77
CANDIGU_WT_PWR 323617	34.65 -0.72 0.00	31.63 -0.90 0.00	28.26 -0.80 0.00	26.63 -0.68 0.00	26.81 -0.68 0.00	31.82 -1.32 0.00	38.51 -1.68 0.00	40.10 -2.07 0.06	91.07 -3.46 0.00	48.45 -2.00 0.00	46.57 -1.50 0.00	43.15 -2.06 0.00	62.49 -2.84 0.00	39.33 -1.27 0.00	41.70 -2.24 2.88	44.23 -2.35 0.00	40.33 -2.04 0.80	41.91 -1.79 0.02	46.36 -1.64 0.01	96.76 -2.16 0.00	50.12 -1.23 0.00	40.06 -1.73 0.10	27.69 -1.47 11.66	47.41 -0.38 0.00
CARR STREET_E_SYR 24060	35.16 -0.21 0.00	32.31 -0.22 0.00	28.85 -0.21 0.00	27.12 -0.18 0.00	27.31 -0.19 0.00	32.90 -0.24 0.00	39.90 -0.29 0.00	41.90 -0.34 0.00	93.96 -0.56 0.00	50.15 -0.30 0.00	47.82 -0.25 0.00	44.91 -0.30 0.00	64.84 -0.49 0.00	40.33 -0.27 0.00	46.71 -0.39 -0.28	46.19 -0.39 0.00	42.78 -0.39 0.00	43.32 -0.40 0.00	47.65 -0.36 0.00	98.32 -0.59 0.00	51.03 -0.33 0.00	41.54 -0.35 0.00	40.46 -0.37 0.00	47.47 -0.31 0.00
CARTHAGE___PAPER 23857	34.90 -0.46 0.00	32.10 -0.43 0.00	28.61 -0.45 0.00	26.90 -0.41 0.00	27.16 -0.34 0.00	32.77 -0.37 0.00	39.58 -0.61 0.00	41.61 -0.62 0.00	93.08 -1.44 0.00	49.83 -0.62 0.00	47.36 -0.71 0.00	44.53 -0.67 0.00	63.93 -1.41 0.00	39.59 -1.01 0.00	45.80 -1.18 -0.16	45.70 -0.88 0.00	42.49 -0.68 0.00	43.20 -0.53 0.00	47.60 -0.41 0.00	98.86 -0.06 0.00	51.13 -0.22 0.00	41.09 -0.80 0.00	39.72 -1.11 0.00	45.86 -1.93 0.00
CASSADAGA_WT_PWR 323784	35.14 -0.23 0.00	32.20 -0.33 0.00	28.83 -0.23 0.00	27.03 -0.27 0.00	27.21 -0.28 0.00	32.33 -0.81 0.00	39.26 -0.93 0.00	41.61 -0.58 0.04	93.98 -0.54 0.00	49.65 -0.80 0.00	47.56 -0.51 0.00	44.17 -1.03 0.00	63.61 -1.73 0.00	39.72 -0.89 0.00	44.78 -2.04 0.01	43.92 -2.66 0.00	40.49 -2.57 0.10	41.81 -1.91 0.00	47.05 -0.96 0.00	98.56 -0.36 0.00	51.20 -0.15 0.00	41.12 -0.71 0.07	32.27 -0.72 7.84	48.26 0.47 0.00
CE_DUNWOOD___DRP 24194	37.69 2.32 0.00	34.54 2.01 0.00	30.87 1.82 0.00	29.03 1.72 0.00	29.18 1.69 0.00	35.06 1.92 0.00	42.57 2.38 0.00	44.75 2.52 0.00	100.41 5.89 0.00	53.77 3.32 0.00	51.36 3.29 0.00	48.46 3.25 0.00	70.57 5.24 0.00	43.95 3.34 0.00	53.40 3.99 -2.60	50.44 3.86 0.00	46.73 3.56 0.00	47.45 3.71 -0.01	51.98 3.97 0.00	106.95 8.03 0.00	55.38 4.02 0.00	44.95 3.05 0.00	43.80 2.98 0.00	50.98 3.19 0.00
CE_MILLWOOD___DRP 24193	37.63 2.26 0.00	34.48 1.95 0.00	30.82 1.77 0.00	28.97 1.67 0.00	29.14 1.64 0.00	35.01 1.87 0.00	42.49 2.30 0.00	44.67 2.43 0.00	100.23 5.71 0.00	53.66 3.21 0.00	51.24 3.17 0.00	48.35 3.14 0.00	70.42 5.08 0.00	43.85 3.25 0.00	53.29 3.87 -2.59	50.34 3.75 0.00	46.63 3.47 0.00	47.36 3.62 -0.01	51.88 3.87 0.00	106.75 7.83 0.00	55.27 3.92 0.00	44.87 2.98 0.00	43.72 2.90 0.00	50.89 3.10 0.00
CE_NYC2_DRP 24202	37.86 2.50 0.00	34.69 2.16 0.00	31.05 1.99 0.00	29.23 1.92 0.00	29.39 1.90 0.00	35.20 2.06 0.00	42.73 2.54 0.00	44.96 2.72 0.00	100.90 6.37 0.00	54.08 3.63 0.00	51.70 3.62 0.00	48.77 3.56 0.00	71.00 5.66 0.00	44.22 3.62 0.00	53.68 4.27 -2.60	50.72 4.14 0.00	47.01 3.84 0.00	47.73 3.99 -0.01	52.26 4.25 0.00	107.52 8.60 0.00	55.64 4.28 0.00	45.19 3.29 0.00	44.02 3.20 0.00	51.12 3.34 0.00
CE_NYC_DRP 24195	37.87 2.50 0.00	34.70 2.17 0.00	31.03 1.97 0.00	29.20 1.89 0.00	29.35 1.86 0.00	35.23 2.09 0.00	42.78 2.59 0.00	45.01 2.78 0.00	101.07 6.55 0.00	54.16 3.71 0.00	51.75 3.68 0.00	48.84 3.63 0.00	71.13 5.79 0.00	44.28 3.68 0.00	53.77 4.35 -2.60	50.82 4.23 0.00	47.07 3.90 0.00	47.81 4.07 -0.01	52.35 4.35 0.00	107.74 8.82 0.00	55.75 4.39 0.00	45.23 3.34 0.00	44.05 3.22 0.00	51.20 3.41 0.00
CHAFFEE___LFGE 323603	33.90 -1.46 0.00	31.08 -1.45 0.00	27.73 -1.33 0.00	26.05 -1.26 0.00	26.22 -1.27 0.00	31.27 -1.87 0.00	37.88 -2.31 0.00	40.09 -2.10 0.04	90.09 -4.44 0.00	47.70 -2.75 0.00	45.81 -2.27 0.00	42.41 -2.80 0.00	60.97 -4.37 0.00	38.18 -2.42 -0.01	43.20 -3.55 0.07	43.09 -3.50 0.00	39.77 -3.28 0.11	40.85 -2.87 0.00	45.15 -2.86 0.00	94.03 -4.88 0.00	49.08 -2.28 0.00	39.68 -2.15 0.07	31.19 -2.05 7.59	46.31 -1.47 0.00
CHATEAUG_35_KV_LOAD 355732	34.77 -0.60 0.00	32.24 -0.29 0.00	28.86 -0.19 0.00	27.15 -0.16 0.00	27.34 -0.15 0.00	33.08 -0.06 0.00	40.29 0.10 0.00	42.49 0.25 0.00	94.88 0.35 0.00	50.59 0.13 0.00	48.12 0.05 0.00	45.27 0.06 0.00	64.99 -0.34 0.00	40.39 -0.21 0.00	46.46 -0.36 0.00	46.32 -0.27 0.00	43.02 -0.14 0.00	43.65 -0.08 0.00	47.89 -0.12 0.00	98.87 -0.04 0.00	51.45 0.09 0.00	42.01 0.11 0.00	40.67 -0.15 0.00	47.39 -0.40 0.00
CHATEAUG_WT_PWR 323614	34.69 -0.67 0.00	32.19 -0.34 0.00	28.85 -0.21 0.00	27.13 -0.18 0.00	27.34 -0.16 0.00	33.06 -0.08 0.00	40.25 0.06 0.00	42.41 0.18 0.00	94.77 0.24 0.00	50.54 0.09 0.00	48.06 -0.01 0.00	45.24 0.03 0.00	65.01 -0.32 0.00	40.40 -0.20 0.00	46.52 -0.30 0.00	46.30 -0.28 0.00	42.99 -0.17 0.00	43.61 -0.11 0.00	47.85 -0.16 0.00	98.69 -0.22 0.00	51.34 -0.02 0.00	41.92 0.02 0.00	40.62 -0.21 0.00	47.35 -0.43 0.00
CHAT_HIGH_FALL_HYD 323578	34.77 -0.60 0.00	32.24 -0.29 0.00	28.86 -0.19 0.00	27.15 -0.16 0.00	27.34 -0.15 0.00	33.08 -0.06 0.00	40.29 0.10 0.00	42.49 0.25 0.00	94.88 0.35 0.00	50.59 0.13 0.00	48.12 0.05 0.00	45.27 0.06 0.00	64.99 -0.34 0.00	40.39 -0.21 0.00	46.46 -0.36 0.00	46.32 -0.27 0.00	43.02 -0.14 0.00	43.65 -0.08 0.00	47.89 -0.12 0.00	98.87 -0.04 0.00	51.45 0.09 0.00	42.01 0.11 0.00	40.67 -0.15 0.00	47.39 -0.40 0.00
CHAUTAUQUA___LFGE 323629	34.78 -0.58 0.00	31.88 -0.64 0.00	28.56 -0.49 0.00	26.80 -0.51 0.00	26.98 -0.52 0.00	32.09 -1.05 0.00	38.96 -1.23 0.00	41.21 -0.98 0.04	92.85 -1.67 0.00	49.09 -1.37 0.00	46.97 -1.10 0.00	43.59 -1.61 0.00	62.74 -2.60 0.00	39.25 -1.35 0.00	44.23 -2.47 0.12	43.81 -2.78 0.00	40.44 -2.60 0.12	41.73 -1.99 0.00	46.54 -1.47 0.00	97.25 -1.67 0.00	50.58 -0.77 0.00	40.70 -1.13 0.07	32.15 -1.09 7.58	47.79 0.01 0.00
CHERRYST_13_KV_LD 356241	37.96 2.60 0.00	34.78 2.25 0.00	31.11 2.05 0.00	29.27 1.96 0.00	29.43 1.94 0.00	35.32 2.18 0.00	42.90 2.72 0.00	45.16 2.92 0.00	101.42 6.89 0.00	54.35 3.89 0.00	51.94 3.87 0.00	49.02 3.81 0.00	71.38 6.05 0.00	44.44 3.84 0.00	53.95 4.53 -2.60	50.99 4.41 0.00	47.24 4.08 0.00	47.97 4.23 -0.01	52.53 4.52 0.00	108.04 9.12 0.00	55.93 4.57 0.00	45.36 3.46 0.00	44.17 3.34 0.00	51.33 3.54 0.00

CHESTROR_138KV_BK263 355645	37.37 2.01 0.00	34.24 1.71 0.00	30.60 1.54 0.00	28.75 1.45 0.00	28.92 1.42 0.00	34.77 1.63 0.00	42.20 2.02 0.00	44.35 2.12 0.00	99.49 4.97 0.00	53.24 2.78 0.00	50.81 2.74 0.00	47.92 2.72 0.00	69.77 4.44 0.00	43.45 2.85 0.00	52.72 3.40 -2.50	49.83 3.25 0.00	46.17 3.01 0.00	46.93 3.20 -0.01	51.40 3.39 0.00	105.83 6.92 0.00	54.82 3.47 0.00	44.52 2.62 -0.01	44.28 2.53 -0.92	50.51 2.72 0.00
CH_MIDHUDSON___DRP 24192	37.56 2.19 0.00	34.42 1.89 0.00	30.75 1.70 0.00	28.91 1.60 0.00	29.08 1.58 0.00	34.99 1.85 0.00	42.45 2.27 0.00	44.64 2.41 0.00	100.14 5.61 0.00	53.59 3.14 0.00	51.14 3.06 0.00	48.26 3.05 0.00	70.23 4.89 0.00	43.71 3.11 0.00	53.20 3.74 -2.64	50.19 3.61 0.00	46.51 3.35 0.00	47.22 3.48 -0.01	51.75 3.74 0.00	106.53 7.61 0.00	55.14 3.78 0.00	44.79 2.90 0.00	43.66 2.83 0.00	50.83 3.04 0.00
CH_MISC_IPPS 23765	37.78 2.42 0.00	34.61 2.08 0.00	30.92 1.87 0.00	29.06 1.75 0.00	29.23 1.74 0.00	35.17 2.03 0.00	42.70 2.51 0.00	44.91 2.68 0.00	100.79 6.27 0.00	53.94 3.48 0.00	51.48 3.41 0.00	48.58 3.37 0.00	70.69 5.36 0.00	44.00 3.40 0.00	53.51 4.07 -2.61	50.50 3.91 0.00	46.80 3.63 0.00	47.53 3.79 -0.01	52.12 4.11 0.00	107.30 8.38 0.00	55.56 4.21 0.00	45.10 3.21 0.00	43.92 3.10 0.00	51.11 3.32 0.00
CH_RES_BVR_FALLS 23983	35.22 -0.14 0.00	32.43 -0.10 0.00	28.97 -0.09 0.00	27.23 -0.08 0.00	27.41 -0.08 0.00	33.07 -0.07 0.00	40.14 -0.05 0.00	42.18 -0.05 0.00	94.39 -0.13 0.00	50.39 -0.07 0.00	47.99 -0.08 0.00	45.13 -0.08 0.00	65.14 -0.19 0.00	40.47 -0.13 0.00	46.66 -0.16 0.00	46.42 -0.16 0.00	43.04 -0.13 0.00	43.63 -0.10 0.00	47.89 -0.12 0.00	98.71 -0.21 0.00	51.27 -0.09 0.00	41.82 -0.07 0.00	40.69 -0.13 0.00	47.56 -0.22 0.00
CH_RES_NIAGARA 23895	32.79 -2.58 0.00	30.17 -2.36 0.00	26.93 -2.13 0.00	25.31 -2.00 0.00	25.49 -2.00 0.00	30.38 -2.76 0.00	36.49 -3.70 0.00	38.61 -3.59 0.03	86.51 -8.01 0.00	45.77 -4.68 0.00	44.04 -4.03 0.00	40.76 -4.45 0.00	58.41 -6.92 0.01	36.51 -4.08 0.02	41.44 -5.29 0.09	41.47 -5.11 0.00	38.15 -4.91 0.11	39.23 -4.49 0.00	43.29 -4.72 0.00	89.93 -8.99 0.00	47.01 -4.34 0.00	38.20 -3.64 0.06	31.19 -3.40 6.24	44.51 -3.28 0.00
CH_RES_SYRACUSE 23985	35.29 -0.08 0.00	32.43 -0.10 0.00	28.96 -0.09 0.00	27.23 -0.07 0.00	27.43 -0.06 0.00	33.08 -0.07 0.00	40.12 -0.07 0.00	42.14 -0.09 0.00	94.43 -0.10 0.00	50.38 -0.07 0.00	48.03 -0.04 0.00	45.10 -0.11 0.00	65.09 -0.25 0.00	40.50 -0.10 0.00	46.92 -0.21 -0.31	46.36 -0.22 0.00	42.95 -0.21 0.00	43.51 -0.22 0.00	47.87 -0.14 0.00	98.84 -0.08 0.00	51.31 -0.05 0.00	41.76 -0.13 0.01	39.54 -0.16 1.12	47.74 -0.05 0.00
CLINTON_WT_PWR 323605	34.69 -0.67 0.00	32.19 -0.34 0.00	28.85 -0.21 0.00	27.13 -0.18 0.00	27.34 -0.16 0.00	33.06 -0.08 0.00	40.25 0.06 0.00	42.41 0.18 0.00	94.77 0.24 0.00	50.54 0.09 0.00	48.06 -0.01 0.00	45.24 0.03 0.00	65.01 -0.32 0.00	40.40 -0.20 0.00	46.52 -0.30 0.00	46.30 -0.28 0.00	42.99 -0.17 0.00	43.61 -0.11 0.00	47.85 -0.16 0.00	98.69 -0.22 0.00	51.34 -0.02 0.00	41.92 0.02 0.00	40.62 -0.21 0.00	47.35 -0.43 0.00
CLINTON___LFGE 323618	35.05 -0.32 0.00	32.51 -0.03 0.00	29.15 0.10 0.00	27.42 0.11 0.00	27.65 0.15 0.00	33.49 0.35 0.00	40.80 0.61 0.00	43.03 0.79 0.00	95.99 1.47 0.00	51.28 0.82 0.00	48.62 0.54 0.00	45.92 0.71 0.00	65.76 0.43 0.00	40.91 0.31 0.00	47.10 0.28 0.00	46.86 0.28 0.00	43.56 0.39 0.00	44.15 0.43 0.00	48.42 0.40 0.00	100.08 1.16 0.00	52.06 0.70 0.00	42.55 0.65 0.00	41.22 0.40 0.00	47.94 0.15 0.00
COBBLENY_34_KV_TB1 80064	33.90 -1.46 0.00	31.06 -1.47 0.00	27.73 -1.33 0.00	26.05 -1.25 0.00	26.22 -1.27 0.00	31.27 -1.87 0.00	37.88 -2.31 0.00	40.09 -2.10 0.04	90.07 -4.45 0.00	47.71 -2.74 0.00	45.81 -2.26 0.00	42.41 -2.80 0.00	60.97 -4.37 0.00	38.20 -2.41 -0.01	43.20 -3.55 0.07	43.09 -3.50 0.00	39.76 -3.29 0.11	40.84 -2.88 0.00	45.14 -2.87 0.00	94.01 -4.91 0.00	49.08 -2.28 0.00	39.72 -2.11 0.07	31.21 -2.03 7.59	46.33 -1.46 0.00
COFFEEN___115KV_TB3 355620	35.08 -0.28 0.00	32.26 -0.27 0.00	28.74 -0.31 0.00	27.04 -0.27 0.00	27.31 -0.18 0.00	32.94 -0.20 0.00	39.55 -0.64 0.00	41.57 -0.66 0.00	93.06 -1.46 0.00	49.81 -0.64 0.00	47.34 -0.73 0.00	44.54 -0.67 0.00	63.92 -1.41 0.00	39.60 -1.01 0.00	45.84 -1.16 -0.18	45.80 -0.78 0.00	42.56 -0.60 0.00	43.30 -0.42 0.00	47.78 -0.23 0.00	99.39 0.47 0.00	51.39 0.04 0.00	41.26 -0.63 0.00	39.74 -1.09 0.00	45.97 -1.82 0.00
COLDSPRG_115KV_BK1 355956	35.23 -0.13 0.00	32.35 -0.18 0.00	28.97 -0.09 0.00	27.20 -0.11 0.00	27.39 -0.10 0.00	32.61 -0.53 0.00	39.70 -0.49 0.00	42.01 -0.18 0.04	94.68 0.16 0.00	50.04 -0.41 0.00	47.90 -0.17 0.00	44.46 -0.75 0.00	64.06 -1.28 0.00	40.15 -0.46 0.00	45.54 -1.44 -0.16	44.73 -1.86 0.00	41.41 -1.69 0.06	42.59 -1.13 0.00	47.39 -0.62 0.00	99.09 0.17 0.00	51.53 0.17 0.00	41.47 -0.35 0.07	32.24 -0.33 8.26	48.66 0.87 0.00
COLONIE_LFGE___ 323577	36.90 1.54 0.00	33.90 1.37 0.00	30.28 1.22 0.00	28.45 1.15 0.00	28.62 1.13 0.00	34.53 1.39 0.00	41.83 1.64 0.00	43.97 1.74 0.00	98.39 3.86 0.00	52.60 2.15 0.00	50.01 1.94 0.00	47.21 2.00 0.00	68.46 3.12 0.00	42.51 1.90 0.00	52.21 2.36 -3.03	48.88 2.29 0.00	45.29 2.13 0.00	45.75 2.01 -0.02	50.12 2.11 0.00	103.12 4.21 0.00	53.39 2.03 0.00	43.75 1.86 0.00	42.74 1.92 0.00	50.02 2.23 0.00
COOPERNY_115KV_TB1 80082	37.14 1.77 0.00	34.06 1.52 0.00	30.42 1.36 0.00	28.56 1.25 0.00	28.73 1.23 0.00	34.58 1.44 0.00	41.95 1.76 0.00	44.07 1.83 0.00	98.83 4.31 0.00	52.89 2.43 0.00	50.45 2.37 0.00	47.57 2.36 0.00	69.20 3.87 0.00	43.07 2.46 0.00	51.98 2.97 -2.19	49.44 2.85 0.00	45.78 2.62 0.00	46.57 2.83 -0.01	50.97 2.96 0.00	104.94 6.02 0.00	54.39 3.04 0.00	44.21 2.30 -0.01	44.36 2.27 -1.27	50.20 2.41 0.00
COPENHAGEN_WT_PWR 323753	34.89 -0.47 0.00	32.09 -0.44 0.00	28.61 -0.45 0.00	26.91 -0.40 0.00	27.16 -0.33 0.00	32.74 -0.40 0.00	39.42 -0.77 0.00	41.37 -0.86 0.00	92.60 -1.92 0.00	49.60 -0.85 0.00	47.17 -0.91 0.00	44.37 -0.83 0.00	63.71 -1.63 0.00	39.48 -1.12 0.00	45.73 -1.28 -0.18	45.66 -0.93 0.00	42.42 -0.74 0.00	43.14 -0.59 0.00	47.57 -0.45 0.00	98.89 -0.02 0.00	51.11 -0.25 0.00	40.93 -0.97 0.00	39.42 -1.40 0.00	45.47 -2.31 0.00
CORNELL_____ 23752	36.12 0.75 0.00	33.15 0.62 0.00	29.60 0.54 0.00	27.79 0.48 0.00	27.99 0.50 0.00	33.77 0.63 0.00	41.10 0.91 0.00	43.43 1.10 -0.10	97.17 2.64 0.00	51.89 1.44 0.00	49.35 1.28 0.00	46.38 1.17 0.00	66.85 1.51 0.00	41.61 1.01 0.00	48.65 0.96 -0.87	47.55 0.97 0.00	44.08 0.87 -0.05	44.67 0.94 0.00	49.25 1.23 0.00	101.92 3.00 0.00	52.92 1.57 0.00	42.93 1.07 0.03	38.42 1.02 3.42	49.16 1.38 0.00

CORONA V_69_KV_TB1 355595	38.20 2.82 -0.01	35.01 2.48 -0.01	31.26 2.21 0.00	29.38 2.07 0.00	29.50 2.00 0.00	35.41 2.27 0.00	42.91 2.72 0.00	45.15 2.92 0.00	101.12 6.60 0.00	54.23 3.78 0.00	53.50 3.74 -1.69	50.65 3.74 -1.70	91.23 5.94 -19.95	72.37 3.78 -27.98	54.68 4.51 -3.35	60.84 4.38 -9.88	57.80 4.04 -10.60	47.93 4.18 -0.02	55.70 4.52 -3.17	108.20 9.28 -0.01	61.21 4.67 -5.18	45.42 3.51 -0.02	45.67 3.48 -1.36	53.18 3.82 -1.58
CORTLAND_115KV_TB3 80093	35.91 0.55 0.00	32.97 0.44 0.00	29.45 0.40 0.00	27.67 0.36 0.00	27.86 0.37 0.00	33.58 0.44 0.00	40.83 0.64 0.00	42.98 0.72 -0.03	96.36 1.83 0.00	51.43 0.98 0.00	48.97 0.89 0.00	46.04 0.83 0.00	66.44 1.10 0.00	41.33 0.73 0.00	48.11 0.74 -0.54	47.30 0.71 0.00	43.82 0.66 0.00	44.40 0.68 0.00	48.90 0.89 0.00	101.01 2.09 0.00	52.40 1.05 0.00	42.58 0.68 0.00	41.48 0.66 0.00	48.65 0.87 0.00
COXSACKIE__GT 23611	37.52 2.16 0.00	34.43 1.90 0.00	30.73 1.68 0.00	28.89 1.58 0.00	29.10 1.61 0.00	35.12 1.98 0.00	42.69 2.50 0.00	45.04 2.81 0.00	100.83 6.30 0.00	53.45 3.00 0.00	51.22 3.15 0.00	48.20 3.00 0.00	70.02 4.68 0.00	43.38 2.78 0.00	52.98 3.26 -2.90	49.78 3.19 0.00	46.29 3.13 0.00	47.05 3.31 -0.02	51.66 3.65 0.00	106.02 7.10 0.00	54.90 3.54 0.00	44.71 2.81 0.00	43.56 2.73 0.00	51.08 3.29 0.00
CPV_VALLEY__CC1 323721	37.12 1.76 0.00	34.03 1.49 0.00	30.40 1.35 0.00	28.57 1.26 0.00	28.73 1.24 0.00	34.56 1.41 0.00	41.93 1.74 0.00	44.03 1.80 0.00	98.79 4.26 0.00	52.85 2.39 0.00	50.44 2.37 0.00	47.57 2.36 0.00	69.25 3.91 0.00	43.13 2.53 0.00	52.24 3.01 -2.41	49.47 2.89 0.00	45.83 2.66 0.00	46.57 2.83 -0.01	51.01 3.00 0.00	104.99 6.07 0.00	54.40 3.04 0.00	44.19 2.29 -0.01	44.05 2.24 -0.99	50.15 2.37 0.00
CPV_VALLEY__CC2 323722	37.12 1.76 0.00	34.03 1.49 0.00	30.40 1.35 0.00	28.57 1.26 0.00	28.73 1.24 0.00	34.56 1.41 0.00	41.93 1.74 0.00	44.03 1.80 0.00	98.79 4.26 0.00	52.85 2.39 0.00	50.44 2.37 0.00	47.57 2.36 0.00	69.25 3.91 0.00	43.13 2.53 0.00	52.24 3.01 -2.41	49.47 2.89 0.00	45.83 2.66 0.00	46.57 2.83 -0.01	51.01 3.00 0.00	104.99 6.07 0.00	54.40 3.04 0.00	44.19 2.29 -0.01	44.05 2.24 -0.99	50.15 2.37 0.00
CRESCENT__HYD 24018	36.90 1.54 0.00	33.90 1.37 0.00	30.28 1.22 0.00	28.45 1.15 0.00	28.62 1.13 0.00	34.53 1.39 0.00	41.83 1.64 0.00	43.97 1.74 0.00	98.39 3.86 0.00	52.60 2.15 0.00	50.01 1.94 0.00	47.21 2.00 0.00	68.46 3.12 0.00	42.51 1.90 0.00	52.21 2.36 -3.03	48.88 2.29 0.00	45.29 2.13 0.00	45.75 2.01 -0.02	50.12 2.11 0.00	103.12 4.21 0.00	53.39 2.03 0.00	43.75 1.86 0.00	42.74 1.92 0.00	50.02 2.23 0.00
CRICKET__VALLEY_CC1 323756	37.15 1.79 0.00	34.07 1.54 0.00	30.45 1.39 0.00	28.62 1.31 0.00	28.79 1.30 0.00	34.66 1.52 0.00	42.03 1.84 0.00	44.18 1.95 0.00	99.07 4.54 0.00	53.02 2.57 0.00	50.53 2.46 0.00	47.74 2.54 0.00	69.47 4.13 0.00	43.28 2.67 0.00	52.75 3.26 -2.67	49.73 3.15 0.00	46.09 2.92 0.00	46.79 3.05 -0.02	51.26 3.25 0.00	105.43 6.51 0.00	54.54 3.18 0.00	44.36 2.46 0.00	43.25 2.43 0.00	50.36 2.58 0.00
CRICKET__VALLEY_CC2 323757	37.15 1.79 0.00	34.07 1.54 0.00	30.45 1.39 0.00	28.62 1.31 0.00	28.79 1.30 0.00	34.66 1.52 0.00	42.03 1.84 0.00	44.18 1.95 0.00	99.07 4.54 0.00	53.02 2.57 0.00	50.53 2.46 0.00	47.74 2.54 0.00	69.47 4.13 0.00	43.28 2.67 0.00	52.75 3.26 -2.67	49.73 3.15 0.00	46.09 2.92 0.00	46.79 3.05 -0.02	51.26 3.25 0.00	105.43 6.51 0.00	54.54 3.18 0.00	44.36 2.46 0.00	43.25 2.43 0.00	50.36 2.58 0.00
CRICKET__VALLEY_CC3 323758	37.15 1.79 0.00	34.07 1.54 0.00	30.45 1.39 0.00	28.62 1.31 0.00	28.79 1.30 0.00	34.66 1.52 0.00	42.03 1.84 0.00	44.18 1.95 0.00	99.07 4.54 0.00	53.02 2.57 0.00	50.53 2.46 0.00	47.74 2.54 0.00	69.47 4.13 0.00	43.28 2.67 0.00	52.75 3.26 -2.67	49.73 3.15 0.00	46.09 2.92 0.00	46.79 3.05 -0.02	51.26 3.25 0.00	105.43 6.51 0.00	54.54 3.18 0.00	44.36 2.46 0.00	43.25 2.43 0.00	50.36 2.58 0.00
CRUCIBLE_METL_DRP 24180	35.29 -0.08 0.00	32.42 -0.11 0.00	28.96 -0.09 0.00	27.23 -0.07 0.00	27.43 -0.06 0.00	33.08 -0.07 0.00	40.12 -0.07 0.00	42.14 -0.09 0.00	94.42 -0.11 0.00	50.38 -0.07 0.00	48.02 -0.05 0.00	45.10 -0.11 0.00	65.08 -0.25 0.00	40.50 -0.10 0.00	46.92 -0.21 -0.31	46.36 -0.22 0.00	42.95 -0.22 0.00	43.50 -0.22 0.00	47.87 -0.14 0.00	98.84 -0.08 0.00	51.31 -0.05 0.00	41.76 -0.13 0.01	39.54 -0.16 1.12	47.74 -0.05 0.00
DAHOWA__HYDRO 323763	37.44 2.07 0.00	34.40 1.87 0.00	30.74 1.68 0.00	28.91 1.60 0.00	29.11 1.62 0.00	35.26 2.12 0.00	42.79 2.60 0.00	44.99 2.76 0.00	100.74 6.22 0.00	53.86 3.41 0.00	51.17 3.10 0.00	48.27 3.07 0.00	69.93 4.60 0.00	43.44 2.84 0.00	53.25 3.38 -3.05	49.86 3.27 0.00	46.24 3.08 0.00	46.74 3.00 -0.02	51.19 3.19 0.00	105.40 6.48 0.00	54.50 3.14 0.00	44.55 2.65 0.00	43.51 2.68 0.00	50.91 3.12 0.00
DANC__LFGE 323619	34.86 -0.51 0.00	32.06 -0.47 0.00	28.59 -0.46 0.00	26.88 -0.43 0.00	27.11 -0.38 0.00	32.64 -0.50 0.00	39.36 -0.83 0.00	41.32 -0.92 0.00	92.53 -1.99 0.00	49.50 -0.95 0.00	47.16 -0.91 0.00	44.36 -0.85 0.00	63.81 -1.53 0.00	39.61 -1.00 0.00	45.87 -1.16 -0.21	45.60 -0.99 0.00	42.32 -0.85 0.00	42.96 -0.77 0.00	47.32 -0.69 0.00	98.08 -0.83 0.00	50.77 -0.59 0.00	40.97 -0.93 0.00	39.66 -1.16 0.00	46.11 -1.68 0.00
DANSKAMMER__1 23586	37.78 2.42 0.00	34.61 2.08 0.00	30.92 1.87 0.00	29.06 1.75 0.00	29.23 1.74 0.00	35.17 2.03 0.00	42.70 2.51 0.00	44.91 2.68 0.00	100.79 6.27 0.00	53.94 3.48 0.00	51.48 3.41 0.00	48.58 3.37 0.00	70.69 5.36 0.00	44.00 3.40 0.00	53.51 4.07 -2.61	50.50 3.91 0.00	46.80 3.63 0.00	47.53 3.79 -0.01	52.12 4.11 0.00	107.30 8.38 0.00	55.56 4.21 0.00	45.10 3.21 0.00	43.92 3.10 0.00	51.11 3.32 0.00
DANSKAMMER__2 23589	37.78 2.42 0.00	34.61 2.08 0.00	30.92 1.87 0.00	29.06 1.75 0.00	29.23 1.74 0.00	35.17 2.03 0.00	42.70 2.51 0.00	44.91 2.68 0.00	100.79 6.27 0.00	53.94 3.48 0.00	51.48 3.41 0.00	48.58 3.37 0.00	70.69 5.36 0.00	44.00 3.40 0.00	53.51 4.07 -2.61	50.50 3.91 0.00	46.80 3.63 0.00	47.53 3.79 -0.01	52.12 4.11 0.00	107.30 8.38 0.00	55.56 4.21 0.00	45.10 3.21 0.00	43.92 3.10 0.00	51.11 3.32 0.00
DANSKAMMER__3 23590	37.78 2.42 0.00	34.61 2.08 0.00	30.92 1.87 0.00	29.06 1.75 0.00	29.23 1.74 0.00	35.17 2.03 0.00	42.70 2.51 0.00	44.91 2.68 0.00	100.79 6.27 0.00	53.94 3.48 0.00	51.48 3.41 0.00	48.58 3.37 0.00	70.69 5.36 0.00	44.00 3.40 0.00	53.51 4.07 -2.61	50.50 3.91 0.00	46.80 3.63 0.00	47.53 3.79 -0.01	52.12 4.11 0.00	107.30 8.38 0.00	55.56 4.21 0.00	45.10 3.21 0.00	43.92 3.10 0.00	51.11 3.32 0.00

DANSKAMMER___4 23591	37.78 2.42 0.00	34.61 2.08 0.00	30.92 1.87 0.00	29.06 1.75 0.00	29.23 1.74 0.00	35.17 2.03 0.00	42.70 2.51 0.00	44.91 2.68 0.00	100.79 6.27 0.00	53.94 3.48 0.00	51.48 3.41 0.00	48.58 3.37 0.00	70.69 5.36 0.00	44.00 3.40 0.00	53.51 4.07 -2.61	50.50 3.91 0.00	46.80 3.63 0.00	47.53 3.79 -0.01	52.12 4.11 0.00	107.30 8.38 0.00	55.56 4.21 0.00	45.10 3.21 0.00	43.92 3.10 0.00	51.11 3.32 0.00
DANSKAMMER___DIESEL 23592	37.78 2.42 0.00	34.62 2.08 0.00	30.92 1.87 0.00	29.06 1.75 0.00	29.23 1.74 0.00	35.17 2.03 0.00	42.70 2.51 0.00	44.91 2.68 0.00	100.80 6.27 0.00	53.94 3.48 0.00	51.47 3.40 0.00	48.58 3.37 0.00	70.69 5.36 0.00	44.00 3.39 0.00	53.50 4.07 -2.61	50.50 3.91 0.00	46.80 3.63 0.00	47.52 3.78 -0.01	52.12 4.11 0.00	107.31 8.39 0.00	55.56 4.21 0.00	45.10 3.20 0.00	43.92 3.10 0.00	51.11 3.33 0.00
DARBY___SOLAR 323810	37.34 1.97 0.00	34.31 1.78 0.00	30.66 1.61 0.00	28.83 1.52 0.00	29.03 1.54 0.00	35.12 1.98 0.00	42.60 2.42 0.00	44.79 2.56 0.00	100.28 5.75 0.00	53.58 3.13 0.00	50.92 2.84 0.00	48.02 2.81 0.00	69.60 4.27 0.00	43.23 2.63 0.00	53.02 3.15 -3.05	49.64 3.05 0.00	46.03 2.86 0.00	46.54 2.80 -0.02	50.97 2.96 0.00	104.92 6.00 0.00	54.26 2.91 0.00	44.38 2.48 0.00	43.34 2.51 0.00	50.73 2.94 0.00
DASHVILLE___HYD 23610	37.41 2.05 0.00	34.30 1.77 0.00	30.64 1.58 0.00	28.80 1.49 0.00	28.97 1.48 0.00	34.84 1.70 0.00	42.31 2.12 0.00	44.48 2.24 0.00	99.76 5.23 0.00	53.35 2.90 0.00	50.97 2.90 0.00	48.09 2.88 0.00	69.95 4.61 0.00	43.49 2.89 0.00	52.99 3.52 -2.65	49.94 3.35 0.00	46.26 3.09 0.00	46.95 3.21 -0.01	51.51 3.51 0.00	106.05 7.13 0.00	54.93 3.57 0.00	44.63 2.73 0.00	43.48 2.65 0.00	50.59 2.80 0.00
DELAWARE___LFGE 323621	36.57 1.20 0.00	33.57 1.04 0.00	29.96 0.90 0.00	28.11 0.80 0.00	28.30 0.81 0.00	34.25 1.11 0.00	42.98 2.79 0.00	45.35 3.10 -0.01	101.95 7.42 0.00	54.46 4.01 0.00	51.62 3.54 0.00	48.55 3.34 0.00	68.06 2.73 0.00	42.20 1.60 0.00	50.28 2.00 -1.46	48.49 1.91 0.00	44.89 1.72 0.00	45.45 1.72 -0.01	49.97 1.96 0.00	102.93 4.01 0.00	53.36 2.01 0.00	43.46 1.54 -0.03	45.19 1.58 -2.79	49.54 1.76 0.00
DERFIELD_115KV_TB7 355931	35.57 0.21 0.00	32.70 0.17 0.00	29.20 0.15 0.00	27.44 0.13 0.00	27.62 0.12 0.00	33.28 0.13 0.00	40.35 0.16 0.00	42.40 0.17 0.00	94.93 0.41 0.00	50.71 0.25 0.00	48.31 0.23 0.00	45.45 0.24 0.00	65.76 0.42 0.00	40.85 0.25 0.00	47.13 0.31 0.00	46.89 0.30 0.00	43.42 0.26 0.00	43.97 0.24 0.00	48.27 0.26 0.00	99.42 0.51 0.00	51.59 0.24 0.00	42.08 0.18 0.00	41.07 0.24 0.00	48.06 0.27 0.00
DOGLEVILLE___HYD 23807	37.09 1.73 0.00	33.98 1.46 0.00	30.34 1.29 0.00	28.47 1.17 0.00	28.66 1.16 0.00	34.51 1.37 0.00	42.02 1.83 0.00	44.27 2.03 0.00	99.20 4.68 0.00	53.02 2.57 0.00	50.46 2.39 0.00	47.70 2.49 0.00	69.50 4.17 0.00	43.32 2.72 0.00	49.94 3.12 0.00	49.37 2.78 0.00	45.46 2.29 0.00	45.68 1.96 0.00	50.20 2.19 0.00	103.79 4.87 0.00	53.56 2.20 0.00	43.71 1.82 0.00	43.12 2.30 0.00	50.65 2.87 0.00
DUNKIRK__115KV_TB_200 55889	34.72 -0.65 0.00	31.80 -0.73 0.00	28.51 -0.54 0.00	26.76 -0.55 0.00	26.93 -0.56 0.00	32.04 -1.11 0.00	38.90 -1.28 0.00	41.13 -1.06 0.04	92.67 -1.86 0.00	48.99 -1.47 0.00	46.88 -1.20 0.00	43.50 -1.71 0.00	62.61 -2.73 0.00	39.20 -1.41 0.00	44.18 -2.52 0.13	43.79 -2.79 0.00	40.43 -2.61 0.13	41.69 -2.03 0.00	46.44 -1.57 0.00	96.97 -1.94 0.00	50.48 -0.88 0.00	40.65 -1.18 0.07	32.14 -1.13 7.55	47.74 -0.05 0.00
DUNKIRK___1 23563	34.72 -0.65 0.00	31.80 -0.73 0.00	28.51 -0.54 0.00	26.76 -0.55 0.00	26.93 -0.56 0.00	32.04 -1.11 0.00	38.90 -1.28 0.00	41.13 -1.06 0.04	92.67 -1.86 0.00	48.99 -1.47 0.00	46.88 -1.20 0.00	43.50 -1.71 0.00	62.61 -2.73 0.00	39.20 -1.41 0.00	44.18 -2.52 0.13	43.79 -2.79 0.00	40.43 -2.61 0.13	41.69 -2.03 0.00	46.44 -1.57 0.00	96.97 -1.94 0.00	50.48 -0.88 0.00	40.65 -1.18 0.07	32.14 -1.13 7.55	47.74 -0.05 0.00
DUNKIRK___2 23564	34.72 -0.65 0.00	31.80 -0.73 0.00	28.51 -0.54 0.00	26.76 -0.55 0.00	26.93 -0.56 0.00	32.04 -1.11 0.00	38.90 -1.28 0.00	41.13 -1.06 0.04	92.67 -1.86 0.00	48.99 -1.47 0.00	46.88 -1.20 0.00	43.50 -1.71 0.00	62.61 -2.73 0.00	39.20 -1.41 0.00	44.18 -2.52 0.13	43.79 -2.79 0.00	40.43 -2.61 0.13	41.69 -2.03 0.00	46.44 -1.57 0.00	96.97 -1.94 0.00	50.48 -0.88 0.00	40.65 -1.18 0.07	32.14 -1.13 7.55	47.74 -0.05 0.00
DUNKIRK___3 23565	34.46 -0.91 0.00	31.57 -0.96 0.00	28.28 -0.78 0.00	26.55 -0.75 0.00	26.73 -0.76 0.00	31.81 -1.33 0.00	38.61 -1.58 0.00	40.80 -1.40 0.04	91.83 -2.70 0.00	48.57 -1.88 0.00	46.51 -1.56 0.00	43.15 -2.06 0.00	62.10 -3.24 0.00	38.90 -1.71 0.00	43.85 -2.79 0.18	43.61 -2.97 0.00	40.25 -2.78 0.14	41.45 -2.27 0.00	46.04 -1.97 0.00	96.04 -2.88 0.00	50.02 -1.34 0.00	40.33 -1.50 0.07	31.91 -1.42 7.49	47.31 -0.47 0.00
DUNKIRK___4 23566	34.46 -0.91 0.00	31.57 -0.96 0.00	28.28 -0.78 0.00	26.55 -0.75 0.00	26.73 -0.76 0.00	31.81 -1.33 0.00	38.61 -1.58 0.00	40.80 -1.40 0.04	91.83 -2.70 0.00	48.57 -1.88 0.00	46.51 -1.56 0.00	43.15 -2.06 0.00	62.10 -3.24 0.00	38.90 -1.71 0.00	43.85 -2.79 0.18	43.61 -2.97 0.00	40.25 -2.78 0.14	41.45 -2.27 0.00	46.04 -1.97 0.00	96.04 -2.88 0.00	50.02 -1.34 0.00	40.33 -1.50 0.07	31.91 -1.42 7.49	47.31 -0.47 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.78 2.41 0.00	34.62 2.09 0.00	30.95 1.89 0.00	29.11 1.80 0.00	29.27 1.78 0.00	35.15 2.01 0.00	42.65 2.46 0.00	44.84 2.60 0.00	100.61 6.09 0.00	53.89 3.43 0.00	51.47 3.39 0.00	48.57 3.36 0.00	70.72 5.39 0.00	44.04 3.43 0.00	53.50 4.08 -2.60	50.56 3.97 0.00	46.84 3.67 0.00	47.56 3.82 -0.01	52.11 4.11 0.00	107.24 8.32 0.00	55.53 4.17 0.00	45.07 3.17 0.00	43.93 3.11 0.00	51.11 3.32 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.65 2.29 0.00	34.50 1.97 0.00	30.82 1.76 0.00	28.96 1.66 0.00	29.13 1.64 0.00	35.04 1.90 0.00	42.55 2.36 0.00	44.74 2.50 0.00	100.38 5.85 0.00	53.71 3.25 0.00	51.28 3.21 0.00	48.38 3.17 0.00	70.42 5.08 0.00	43.81 3.21 0.00	53.24 3.84 -2.57	50.25 3.67 0.00	46.59 3.42 0.00	47.32 3.58 -0.01	51.89 3.88 0.00	106.84 7.93 0.00	55.36 4.00 0.00	44.93 3.03 -0.01	44.62 2.93 -0.86	50.93 3.15 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.86 2.49 0.00	34.71 2.18 0.00	31.03 1.98 0.00	29.17 1.86 0.00	29.33 1.84 0.00	35.18 2.04 0.00	42.65 2.47 0.00	44.87 2.64 0.00	100.64 6.11 0.00	53.91 3.46 0.00	51.54 3.47 0.00	48.60 3.39 0.00	70.75 5.41 0.00	44.09 3.49 0.00	53.53 4.11 -2.60	50.56 3.98 0.00	46.86 3.69 0.00	47.56 3.82 -0.01	52.09 4.08 0.00	107.28 8.36 0.00	55.53 4.17 0.00	45.14 3.24 0.00	43.98 3.15 0.00	51.04 3.26 0.00

E179THST_13_KV_LOAD 356214	38.00 2.64 0.00	34.84 2.31 0.00	31.14 2.08 0.00	29.27 1.96 0.00	29.43 1.94 0.00	35.31 2.16 0.00	42.81 2.62 0.00	45.05 2.81 0.00	101.03 6.50 0.00	54.13 3.68 0.00	51.76 3.68 0.00	48.81 3.60 0.00	71.06 5.72 0.00	44.27 3.67 0.00	53.74 4.32 -2.60	50.78 4.20 0.00	47.07 3.90 0.00	47.77 4.04 -0.01	52.33 4.32 0.00	107.74 8.82 0.00	55.77 4.42 0.00	45.33 3.43 0.00	44.16 3.33 0.00	51.25 3.46 0.00
EAST HAMPTON___GT 23717	37.02 1.65 -0.01	33.93 1.40 0.00	30.28 1.23 0.00	28.45 1.14 0.00	28.58 1.09 0.00	34.37 1.22 0.00	41.64 1.45 0.00	43.68 1.45 0.00	97.32 2.80 0.00	52.20 1.75 0.00	50.95 2.06 -0.82	48.52 2.49 -0.83	78.64 3.60 -9.71	56.97 2.76 -13.61	53.43 3.64 -2.97	54.99 3.60 -4.81	51.66 3.34 -5.16	47.21 3.47 -0.02	53.37 3.82 -1.54	106.78 7.86 0.00	57.79 3.92 -2.52	44.57 2.67 -0.01	44.15 2.66 -0.66	51.12 2.57 -0.77
EAST RIVER___6 23660	37.92 2.56 0.00	34.73 2.20 0.00	31.07 2.01 0.00	29.23 1.92 0.00	29.40 1.90 0.00	35.27 2.13 0.00	42.85 2.66 0.00	45.11 2.88 0.00	101.36 6.83 0.00	54.31 3.85 0.00	51.90 3.83 0.00	49.00 3.79 0.00	71.35 6.02 0.00	44.42 3.81 0.00	53.91 4.49 -2.60	50.97 4.39 0.00	47.21 4.04 0.00	47.95 4.21 -0.01	52.50 4.49 0.00	108.02 9.10 0.00	55.89 4.54 0.00	45.33 3.44 0.00	44.14 3.32 0.00	51.27 3.49 0.00
EAST RIVER___7 23524	37.92 2.56 0.00	34.73 2.20 0.00	31.07 2.01 0.00	29.23 1.92 0.00	29.40 1.90 0.00	35.27 2.13 0.00	42.85 2.66 0.00	45.11 2.88 0.00	101.36 6.83 0.00	54.31 3.85 0.00	51.90 3.83 0.00	49.00 3.79 0.00	71.35 6.02 0.00	44.42 3.81 0.00	53.91 4.49 -2.60	50.97 4.39 0.00	47.21 4.04 0.00	47.95 4.21 -0.01	52.50 4.49 0.00	108.02 9.10 0.00	55.89 4.54 0.00	45.33 3.44 0.00	44.14 3.32 0.00	51.27 3.49 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.69 2.32 0.00	34.54 2.01 0.00	30.87 1.82 0.00	29.03 1.72 0.00	29.18 1.69 0.00	35.06 1.92 0.00	42.57 2.38 0.00	44.75 2.52 0.00	100.41 5.89 0.00	53.77 3.32 0.00	51.36 3.29 0.00	48.46 3.25 0.00	70.57 5.24 0.00	43.95 3.34 0.00	53.40 3.99 -2.60	50.44 3.86 0.00	46.73 3.56 0.00	47.45 3.71 -0.01	51.98 3.97 0.00	106.95 8.03 0.00	55.38 4.02 0.00	44.95 3.05 0.00	43.80 2.98 0.00	50.98 3.19 0.00
EAST_HAMPTON___DIESEL 23722	36.95 1.58 -0.01	33.86 1.33 0.00	30.22 1.17 0.00	28.38 1.07 0.00	28.52 1.02 0.00	34.30 1.15 0.00	41.55 1.37 0.00	43.59 1.36 0.00	97.10 2.57 0.00	52.09 1.64 0.00	50.85 1.96 -0.82	48.43 2.40 -0.83	78.53 3.49 -9.71	56.89 2.67 -13.61	53.33 3.55 -2.97	54.89 3.50 -4.81	51.58 3.26 -5.16	47.12 3.38 -0.02	53.28 3.73 -1.54	106.60 7.68 0.00	57.69 3.81 -2.52	44.49 2.59 -0.01	44.06 2.58 -0.66	51.03 2.47 -0.77
EAST_POINT___SOLAR 323840	37.38 2.02 0.00	34.29 1.76 0.00	30.54 1.49 0.00	28.70 1.39 0.00	28.94 1.45 0.00	35.04 1.90 0.00	43.00 2.81 0.00	45.33 3.09 0.00	101.26 6.74 0.00	54.00 3.55 0.00	51.44 3.37 0.00	47.83 2.63 0.00	68.87 3.53 0.00	42.65 2.04 0.00	52.24 2.34 -3.08	48.92 2.34 0.00	45.32 2.15 0.00	46.03 2.28 -0.02	50.82 2.81 0.00	104.94 6.02 0.00	54.69 3.33 0.00	44.42 2.53 0.00	43.28 2.45 0.00	50.41 2.63 0.00
EAST_PULASKI___ESR 323781	34.88 -0.49 0.00	32.06 -0.47 0.00	28.62 -0.43 0.00	26.91 -0.39 0.00	27.10 -0.39 0.00	32.61 -0.53 0.00	39.40 -0.79 0.00	41.37 -0.86 0.00	92.65 -1.87 0.00	49.56 -0.89 0.00	47.26 -0.81 0.00	44.43 -0.78 0.00	64.03 -1.31 0.00	39.80 -0.80 0.00	46.09 -0.96 -0.23	45.66 -0.93 0.00	42.34 -0.82 0.00	42.90 -0.83 0.00	47.20 -0.81 0.00	97.54 -1.38 0.00	50.58 -0.78 0.00	41.10 -0.80 0.00	39.97 -0.86 0.00	46.80 -0.99 0.00
EAST_RIVER___1 323558	37.87 2.50 0.00	34.68 2.15 0.00	31.03 1.97 0.00	29.20 1.89 0.00	29.35 1.86 0.00	35.23 2.09 0.00	42.78 2.59 0.00	45.02 2.79 0.00	101.08 6.55 0.00	54.16 3.71 0.00	51.75 3.68 0.00	48.84 3.63 0.00	71.13 5.79 0.00	44.29 3.68 0.00	53.77 4.35 -2.60	50.82 4.23 0.00	47.07 3.90 0.00	47.81 4.07 -0.01	52.35 4.35 0.00	107.74 8.82 0.00	55.74 4.39 0.00	45.24 3.34 0.00	44.05 3.23 0.00	51.19 3.41 0.00
EAST_RIVER___2 323559	37.92 2.56 0.00	34.73 2.20 0.00	31.07 2.01 0.00	29.23 1.92 0.00	29.40 1.90 0.00	35.27 2.13 0.00	42.85 2.66 0.00	45.11 2.88 0.00	101.36 6.83 0.00	54.31 3.85 0.00	51.90 3.83 0.00	49.00 3.79 0.00	71.35 6.02 0.00	44.42 3.81 0.00	53.91 4.49 -2.60	50.97 4.39 0.00	47.21 4.04 0.00	47.95 4.21 -0.01	52.50 4.49 0.00	108.02 9.10 0.00	55.89 4.54 0.00	45.33 3.44 0.00	44.14 3.32 0.00	51.27 3.49 0.00
EAST___DELAWARE_HYD 23607	37.04 1.68 0.00	34.10 1.57 0.00	30.48 1.42 0.00	28.62 1.31 0.00	28.80 1.31 0.00	34.71 1.57 0.00	42.16 1.97 0.00	44.33 2.10 0.00	99.48 4.96 0.00	53.27 2.82 0.00	50.95 2.88 0.00	48.06 2.85 0.00	69.69 4.36 0.00	42.40 1.80 0.00	51.46 2.20 -2.43	48.59 2.01 0.00	45.10 1.93 0.00	45.86 2.12 -0.01	50.40 2.39 0.00	105.76 6.85 0.00	54.95 3.59 0.00	44.55 2.64 -0.01	44.40 2.53 -1.05	50.39 2.61 0.00
EIGHT_POINT___WT_PWR 323820	35.05 -0.31 0.00	32.00 -0.53 0.00	28.51 -0.55 0.00	26.86 -0.45 0.00	26.95 -0.54 0.00	31.88 -1.26 0.00	38.47 -1.72 0.00	40.37 -1.79 0.07	92.59 -1.94 0.00	49.25 -1.21 0.00	47.32 -0.76 0.00	43.81 -1.40 0.00	63.36 -1.98 0.00	39.92 -0.69 0.00	47.59 -1.74 -2.51	44.74 -1.85 0.00	42.14 -1.49 -0.47	42.52 -1.22 -0.02	47.17 -0.84 -0.01	98.43 -0.49 0.00	50.72 -0.63 0.00	40.36 -1.44 0.09	29.23 -1.02 10.58	47.72 -0.06 0.00
ELBRIDGE_115KV_TB2 80188	35.12 -0.25 0.00	32.28 -0.25 0.00	28.83 -0.23 0.00	27.09 -0.21 0.00	27.29 -0.20 0.00	32.92 -0.22 0.00	39.92 -0.26 0.00	41.95 -0.28 0.00	93.85 -0.67 0.00	50.07 -0.39 0.00	47.72 -0.35 0.00	44.80 -0.41 0.00	64.66 -0.68 0.00	40.24 -0.36 0.00	46.63 -0.51 -0.32	46.06 -0.52 0.00	42.65 -0.51 0.00	43.22 -0.51 0.00	47.57 -0.44 0.00	98.19 -0.73 0.00	51.02 -0.34 0.00	41.54 -0.34 0.01	39.14 -0.35 1.34	47.54 -0.24 0.00
ELEC_TRO_TEK 24086	38.06 2.69 -0.01	34.89 2.35 -0.01	31.15 2.09 0.00	29.27 1.96 0.00	29.39 1.90 0.00	35.28 2.14 0.00	42.73 2.55 0.00	44.97 2.74 0.00	100.74 6.22 0.00	54.03 3.58 0.00	53.04 3.55 -1.42	50.23 3.58 -1.43	87.81 5.68 -16.80	67.77 3.61 -23.56	54.36 4.31 -3.24	59.07 4.16 -8.32	55.93 3.85 -8.92	47.71 3.97 -0.02	54.95 4.27 -2.67	107.70 8.78 -0.01	60.13 4.41 -4.37	45.22 3.31 -0.02	45.28 3.31 -1.15	52.74 3.63 -1.33
ELLENBURG_WT_PWR 323604	34.69 -0.67 0.00	32.19 -0.34 0.00	28.85 -0.21 0.00	27.13 -0.18 0.00	27.34 -0.16 0.00	33.06 -0.08 0.00	40.25 0.06 0.00	42.41 0.18 0.00	94.77 0.24 0.00	50.54 0.09 0.00	48.06 -0.01 0.00	45.24 0.03 0.00	65.01 -0.32 0.00	40.40 -0.20 0.00	46.52 -0.30 0.00	46.30 -0.28 0.00	42.99 -0.17 0.00	43.61 -0.11 0.00	47.85 -0.16 0.00	98.69 -0.22 0.00	51.34 -0.02 0.00	41.92 0.02 0.00	40.62 -0.21 0.00	47.35 -0.43 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.81 -1.56 0.00	30.97 -1.56 0.00	27.64 -1.42 0.00	25.97 -1.33 0.00	26.15 -1.34 0.00	31.18 -1.96 0.00	37.71 -2.48 0.00	39.91 -2.28 0.04	89.68 -4.85 0.00	47.48 -2.97 0.00	45.60 -2.47 0.00	42.22 -2.98 0.00	60.69 -4.65 0.00	37.97 -2.64 0.00	42.84 -3.75 0.23	42.90 -3.69 0.00	39.52 -3.50 0.15	40.65 -3.07 0.00	44.93 -3.08 0.00	93.50 -5.42 0.00	48.83 -2.53 0.00	39.54 -2.30 0.06	31.71 -2.20 6.92	46.08 -1.71 0.00
EMPIRE_CC_1 323656	36.78 1.42 0.00	33.81 1.28 0.00	30.20 1.14 0.00	28.39 1.09 0.00	28.57 1.08 0.00	34.43 1.28 0.00	41.66 1.47 0.00	43.74 1.51 0.00	97.86 3.34 0.00	52.29 1.84 0.00	49.72 1.65 0.00	46.92 1.71 0.00	68.15 2.82 0.00	42.30 1.70 0.00	51.88 2.13 -2.93	48.66 2.07 0.00	45.09 1.93 0.00	45.52 1.79 -0.02	49.89 1.88 0.00	102.51 3.59 0.00	53.05 1.70 0.00	43.54 1.64 0.00	42.57 1.75 0.00	49.83 2.04 0.00
EMPIRE_CC_2 323658	36.78 1.42 0.00	33.81 1.28 0.00	30.20 1.14 0.00	28.39 1.09 0.00	28.57 1.08 0.00	34.43 1.28 0.00	41.66 1.47 0.00	43.74 1.51 0.00	97.86 3.34 0.00	52.29 1.84 0.00	49.72 1.65 0.00	46.92 1.71 0.00	68.15 2.82 0.00	42.30 1.70 0.00	51.88 2.13 -2.93	48.66 2.07 0.00	45.09 1.93 0.00	45.52 1.79 -0.02	49.89 1.88 0.00	102.51 3.59 0.00	53.05 1.70 0.00	43.54 1.64 0.00	42.57 1.75 0.00	49.83 2.04 0.00
ENORWICH_115KV_TB1 80156	37.88 2.51 0.00	34.71 2.18 0.00	30.90 1.85 0.00	28.74 1.43 0.00	28.96 1.47 0.00	35.29 2.15 0.00	43.37 3.19 0.00	45.89 3.61 -0.04	103.09 8.57 0.00	55.15 4.70 0.00	51.88 3.80 0.00	48.71 3.50 0.00	70.06 4.72 0.00	43.65 3.05 0.00	51.33 3.33 -1.18	49.80 3.21 0.00	45.97 2.78 -0.02	46.64 2.91 0.00	51.48 3.47 0.00	107.62 8.70 0.00	56.10 4.74 0.00	45.37 3.46 -0.01	45.75 3.33 -1.60	51.63 3.84 0.00
ERIE_ST__34_KV_TB1-2 80199	33.95 -1.41 0.00	31.12 -1.41 0.00	27.78 -1.28 0.00	26.10 -1.21 0.00	26.26 -1.23 0.00	31.33 -1.81 0.00	37.99 -2.20 0.00	40.21 -1.99 0.04	90.40 -4.12 0.00	47.86 -2.59 0.00	45.96 -2.11 0.00	42.58 -2.63 0.00	61.21 -4.13 0.00	38.37 -2.24 -0.01	43.35 -3.35 0.12	43.33 -3.26 0.00	39.96 -3.09 0.12	41.05 -2.68 0.00	45.36 -2.65 0.00	94.39 -4.53 0.00	49.26 -2.10 0.00	39.85 -1.98 0.06	31.64 -1.87 7.31	46.44 -1.34 0.00
ERIE_WT_PWR 323693	33.96 -1.40 0.00	31.13 -1.40 0.00	27.76 -1.30 0.00	26.08 -1.23 0.00	26.23 -1.26 0.00	31.30 -1.84 0.00	37.88 -2.31 0.00	40.11 -2.08 0.04	90.16 -4.37 0.00	47.72 -2.73 0.00	45.88 -2.19 0.00	42.46 -2.75 0.00	61.02 -4.31 0.00	38.20 -2.41 -0.01	43.09 -3.54 0.20	43.11 -3.48 0.00	39.75 -3.27 0.14	40.87 -2.85 0.00	45.20 -2.81 0.00	94.04 -4.88 0.00	49.13 -2.23 0.00	39.73 -2.10 0.06	31.63 -2.01 7.18	46.34 -1.44 0.00
ESPRGFLD_115KV_TB1 80157	36.81 1.45 0.00	33.81 1.28 0.00	30.12 1.06 0.00	28.26 0.96 0.00	28.48 0.99 0.00	34.49 1.35 0.00	42.83 2.64 0.00	45.20 2.96 -0.01	101.44 6.92 0.00	54.13 3.68 0.00	51.41 3.34 0.00	48.49 3.28 0.00	69.10 3.77 0.00	42.86 2.25 0.00	51.01 2.72 -1.47	49.18 2.60 0.00	45.55 2.38 0.00	46.15 2.42 -0.01	50.77 2.76 0.00	104.54 5.62 0.00	54.24 2.89 0.00	44.12 2.20 -0.02	45.68 2.16 -2.70	50.19 2.41 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.06 0.70 0.00	33.10 0.57 0.00	29.57 0.51 0.00	27.75 0.44 0.00	27.95 0.46 0.00	33.73 0.59 0.00	41.04 0.85 0.00	43.33 1.02 -0.08	96.97 2.45 0.00	51.77 1.31 0.00	49.23 1.16 0.00	46.27 1.06 0.00	66.71 1.38 0.00	41.53 0.92 0.00	48.55 0.89 -0.84	47.46 0.87 0.00	43.99 0.78 -0.04	44.57 0.84 0.00	49.15 1.14 0.00	101.70 2.78 0.00	52.80 1.44 0.00	42.85 0.97 0.02	39.31 0.93 2.45	49.04 1.26 0.00
ETNA____115KV_TB2 80207	36.06 0.70 0.00	33.10 0.57 0.00	29.57 0.51 0.00	27.75 0.44 0.00	27.95 0.46 0.00	33.73 0.59 0.00	41.04 0.85 0.00	43.33 1.02 -0.08	96.97 2.45 0.00	51.77 1.31 0.00	49.23 1.16 0.00	46.27 1.06 0.00	66.71 1.38 0.00	41.53 0.92 0.00	48.55 0.89 -0.84	47.46 0.87 0.00	43.99 0.78 -0.04	44.57 0.84 0.00	49.15 1.14 0.00	101.70 2.78 0.00	52.80 1.44 0.00	42.85 0.97 0.02	39.31 0.93 2.45	49.04 1.26 0.00
EUCLID___115KV_TB2 356179	35.03 -0.33 0.00	32.20 -0.33 0.00	28.75 -0.30 0.00	27.02 -0.29 0.00	27.22 -0.27 0.00	32.79 -0.35 0.00	39.74 -0.45 0.00	41.73 -0.50 0.00	93.56 -0.97 0.00	49.92 -0.54 0.00	47.61 -0.46 0.00	44.71 -0.50 0.00	64.56 -0.78 0.00	40.15 -0.45 0.00	46.49 -0.59 -0.26	45.99 -0.59 0.00	42.59 -0.57 0.00	43.14 -0.58 0.00	47.43 -0.58 0.00	97.88 -1.04 0.00	50.80 -0.55 0.00	41.36 -0.53 0.00	40.29 -0.54 0.00	47.28 -0.50 0.00
E_CANADA_CAP_HY 24051	36.95 1.58 0.00	33.93 1.40 0.00	30.19 1.13 0.00	28.36 1.05 0.00	28.59 1.10 0.00	34.60 1.46 0.00	42.50 2.31 0.00	44.79 2.55 0.00	100.20 5.68 0.00	53.44 2.99 0.00	50.88 2.81 0.00	47.41 2.20 0.00	67.71 2.38 0.00	41.95 1.35 0.00	51.46 1.56 -3.08	48.06 1.47 0.00	44.34 1.17 0.00	45.03 1.29 -0.02	49.76 1.75 0.00	102.71 3.79 0.00	53.65 2.29 0.00	43.62 1.72 0.00	42.60 1.77 0.00	49.59 1.80 0.00
E_CANADA_MHWK_HY 24050	37.09 1.73 0.00	33.98 1.46 0.00	30.34 1.28 0.00	28.47 1.17 0.00	28.65 1.16 0.00	34.51 1.37 0.00	42.02 1.83 0.00	44.27 2.03 0.00	99.20 4.68 0.00	53.02 2.57 0.00	50.46 2.39 0.00	47.70 2.49 0.00	69.51 4.17 0.00	43.32 2.71 0.00	49.94 3.12 0.00	49.37 2.78 0.00	45.46 2.29 0.00	45.68 1.95 0.00	50.20 2.19 0.00	103.79 4.87 0.00	53.56 2.20 0.00	43.71 1.82 0.00	43.12 2.30 0.00	50.65 2.87 0.00
E_FISHKILL___LBMP 23776	37.37 2.00 0.00	34.26 1.73 0.00	30.62 1.56 0.00	28.78 1.48 0.00	28.95 1.46 0.00	34.82 1.67 0.00	42.23 2.05 0.00	44.40 2.17 0.00	99.58 5.06 0.00	53.30 2.84 0.00	50.86 2.79 0.00	48.00 2.79 0.00	69.85 4.51 0.00	43.49 2.88 0.00	52.94 3.49 -2.64	49.93 3.35 0.00	46.27 3.11 0.00	46.96 3.22 -0.01	51.45 3.44 0.00	105.86 6.94 0.00	54.81 3.45 0.00	44.54 2.65 0.00	43.43 2.60 0.00	50.57 2.78 0.00
FALCON___SEABRD_CC1 323796	35.02 -0.34 0.00	32.50 -0.03 0.00	29.16 0.10 0.00	27.42 0.11 0.00	27.63 0.14 0.00	33.48 0.33 0.00	40.76 0.57 0.00	42.97 0.74 0.00	95.99 1.47 0.00	51.22 0.77 0.00	48.61 0.54 0.00	45.89 0.68 0.00	65.81 0.47 0.00	40.91 0.31 0.00	47.12 0.30 0.00	46.85 0.27 0.00	43.50 0.33 0.00	44.10 0.37 0.00	48.36 0.35 0.00	99.88 0.96 0.00	51.93 0.58 0.00	42.46 0.57 0.00	41.17 0.35 0.00	47.92 0.13 0.00
FALCON___SEABRD_CC2 323797	35.02 -0.34 0.00	32.50 -0.03 0.00	29.16 0.10 0.00	27.42 0.11 0.00	27.63 0.14 0.00	33.48 0.33 0.00	40.76 0.57 0.00	42.97 0.74 0.00	95.99 1.47 0.00	51.22 0.77 0.00	48.61 0.54 0.00	45.89 0.68 0.00	65.81 0.47 0.00	40.91 0.31 0.00	47.12 0.30 0.00	46.85 0.27 0.00	43.50 0.33 0.00	44.10 0.37 0.00	48.36 0.35 0.00	99.88 0.96 0.00	51.93 0.58 0.00	42.46 0.57 0.00	41.17 0.35 0.00	47.92 0.13 0.00

FAR ROCKAWAY___4 23548	38.42 3.04 -0.01	35.22 2.68 -0.01	31.45 2.39 0.00	29.54 2.23 0.00	29.65 2.16 0.00	35.62 2.48 0.00	43.16 2.98 0.00	45.42 3.18 0.00	101.69 7.17 0.00	54.56 4.11 0.00	53.64 4.09 -1.47	50.77 4.08 -1.48	89.15 6.42 -17.39	69.06 4.07 -24.39	54.91 4.83 -3.26	59.91 4.72 -8.61	56.77 4.37 -9.24	48.26 4.51 -0.02	55.68 4.90 -2.77	109.07 10.15 -0.01	60.97 5.10 -4.52	45.74 3.83 -0.02	45.78 3.77 -1.19	53.31 4.15 -1.37
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.88 2.51 0.00	34.71 2.18 0.00	31.04 1.98 0.00	29.21 1.90 0.00	29.37 1.88 0.00	35.23 2.09 0.00	42.79 2.60 0.00	45.02 2.79 0.00	101.08 6.55 0.00	54.16 3.71 0.00	51.75 3.68 0.00	48.84 3.63 0.00	71.12 5.79 0.00	44.28 3.68 0.00	53.77 4.35 -2.60	50.82 4.23 0.00	47.07 3.90 0.00	47.81 4.07 -0.01	52.35 4.35 0.00	107.74 8.82 0.00	55.78 4.42 0.00	45.25 3.36 0.00	44.07 3.24 0.00	51.22 3.43 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.88 2.51 0.00	34.71 2.18 0.00	31.03 1.98 0.00	29.20 1.89 0.00	29.37 1.88 0.00	35.23 2.09 0.00	42.78 2.59 0.00	45.02 2.79 0.00	101.05 6.53 0.00	54.15 3.69 0.00	51.75 3.67 0.00	48.83 3.62 0.00	71.11 5.77 0.00	44.27 3.67 0.00	53.76 4.34 -2.60	50.81 4.22 0.00	47.07 3.90 0.00	47.79 4.05 -0.01	52.35 4.34 0.00	107.74 8.82 0.00	55.76 4.41 0.00	45.24 3.34 0.00	44.07 3.24 0.00	51.21 3.43 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.86 2.49 0.00	34.69 2.16 0.00	31.03 1.97 0.00	29.19 1.89 0.00	29.35 1.86 0.00	35.22 2.08 0.00	42.76 2.58 0.00	45.00 2.77 0.00	101.05 6.53 0.00	54.15 3.69 0.00	51.75 3.67 0.00	48.83 3.62 0.00	71.11 5.77 0.00	44.27 3.67 0.00	53.76 4.34 -2.60	50.80 4.21 0.00	47.07 3.90 0.00	47.79 4.05 -0.01	52.34 4.34 0.00	107.71 8.79 0.00	55.73 4.37 0.00	45.22 3.33 0.00	44.04 3.22 0.00	51.19 3.40 0.00
FARRAGUT___LBMP 323566	37.83 2.47 0.00	34.67 2.14 0.00	31.00 1.95 0.00	29.18 1.87 0.00	29.34 1.85 0.00	35.19 2.05 0.00	42.73 2.55 0.00	44.96 2.72 0.00	100.95 6.42 0.00	54.09 3.64 0.00	51.68 3.61 0.00	48.77 3.56 0.00	71.03 5.69 0.00	44.22 3.62 0.00	53.69 4.27 -2.60	50.74 4.16 0.00	47.01 3.85 0.00	47.74 4.00 -0.01	52.30 4.29 0.00	107.63 8.71 0.00	55.68 4.33 0.00	45.19 3.29 0.00	44.01 3.18 0.00	51.15 3.37 0.00
FARRCKWY_69_KV_BK2 55825	38.42 3.04 -0.01	35.22 2.68 -0.01	31.45 2.39 0.00	29.54 2.23 0.00	29.65 2.16 0.00	35.62 2.48 0.00	43.16 2.98 0.00	45.42 3.18 0.00	101.69 7.17 0.00	54.56 4.11 0.00	53.64 4.09 -1.47	50.77 4.08 -1.48	89.15 6.42 -17.39	69.06 4.07 -24.39	54.91 4.83 -3.26	59.91 4.72 -8.61	56.77 4.37 -9.24	48.26 4.51 -0.02	55.68 4.90 -2.77	109.07 10.15 -0.01	60.97 5.10 -4.52	45.74 3.83 -0.02	45.78 3.77 -1.19	53.31 4.15 -1.37
FENNER___WINDPWR 24204	36.09 0.72 0.00	33.15 0.62 0.00	29.59 0.53 0.00	27.79 0.48 0.00	28.00 0.51 0.00	33.79 0.64 0.00	41.07 0.88 0.00	43.22 0.97 -0.02	97.01 2.48 0.00	51.79 1.34 0.00	49.31 1.24 0.00	46.37 1.16 0.00	66.87 1.53 0.00	41.55 0.95 0.00	48.20 1.01 -0.37	47.54 0.95 0.00	44.07 0.91 0.00	44.67 0.95 0.00	49.17 1.16 0.00	101.65 2.73 0.00	52.69 1.34 0.00	42.80 0.90 0.00	41.65 0.83 0.00	48.70 0.92 0.00
FIBERTEK___ENERGY 23856	35.29 -0.08 0.00	32.42 -0.11 0.00	28.96 -0.09 0.00	27.23 -0.07 0.00	27.43 -0.06 0.00	33.08 -0.07 0.00	40.12 -0.07 0.00	42.14 -0.09 0.00	94.42 -0.11 0.00	50.38 -0.07 0.00	48.02 -0.05 0.00	45.10 -0.11 0.00	65.08 -0.25 0.00	40.50 -0.10 0.00	46.92 -0.21 -0.31	46.36 -0.22 0.00	42.95 -0.22 0.00	43.50 -0.22 0.00	47.87 -0.14 0.00	98.84 -0.08 0.00	51.31 -0.05 0.00	41.76 -0.13 0.01	39.54 -0.16 1.12	47.74 -0.05 0.00
FITZPATRICK___ 23598	34.43 -0.93 0.00	31.65 -0.88 0.00	28.27 -0.78 0.00	26.57 -0.74 0.00	26.75 -0.74 0.00	32.23 -0.91 0.00	39.02 -1.17 0.00	40.93 -1.31 0.00	91.64 -2.89 0.00	48.89 -1.56 0.00	46.61 -1.47 0.00	43.77 -1.43 0.00	63.22 -2.11 0.00	39.32 -1.28 0.00	45.47 -1.53 -0.17	45.07 -1.52 0.00	41.72 -1.44 0.00	42.25 -1.48 0.00	46.42 -1.59 0.00	95.71 -3.21 0.00	49.72 -1.64 0.00	40.54 -1.35 0.00	39.52 -1.31 0.00	46.37 -1.41 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.84 2.48 0.00	34.67 2.14 0.00	30.97 1.91 0.00	29.10 1.80 0.00	29.27 1.78 0.00	35.22 2.08 0.00	42.77 2.59 0.00	44.99 2.76 0.00	100.95 6.43 0.00	54.03 3.58 0.00	51.57 3.50 0.00	48.66 3.46 0.00	70.82 5.48 0.00	44.08 3.48 0.00	53.60 4.16 -2.62	50.59 4.01 0.00	46.90 3.73 0.00	47.61 3.87 -0.01	52.21 4.20 0.00	107.48 8.56 0.00	55.66 4.30 0.00	45.17 3.28 0.00	44.00 3.17 0.00	51.19 3.40 0.00
FORT ORANGE___ 23900	36.48 1.11 0.00	33.53 0.99 0.00	29.95 0.89 0.00	28.15 0.84 0.00	28.34 0.84 0.00	34.14 1.00 0.00	41.37 1.18 0.00	43.48 1.24 0.00	97.15 2.62 0.00	51.80 1.35 0.00	49.37 1.30 0.00	46.58 1.38 0.00	67.68 2.34 0.00	42.04 1.44 0.00	51.51 1.70 -2.99	48.29 1.71 0.00	44.76 1.59 0.00	45.28 1.54 -0.02	49.63 1.62 0.00	102.03 3.11 0.00	52.84 1.48 0.00	43.18 1.28 0.00	42.19 1.37 0.00	49.57 1.79 0.00
FORT_DRUM_COGEN 23780	34.91 -0.45 0.00	32.12 -0.41 0.00	28.62 -0.43 0.00	26.92 -0.39 0.00	27.19 -0.30 0.00	32.79 -0.35 0.00	39.48 -0.70 0.00	41.49 -0.75 0.00	92.87 -1.66 0.00	49.72 -0.73 0.00	47.26 -0.81 0.00	44.45 -0.75 0.00	63.81 -1.53 0.00	39.53 -1.07 0.00	45.76 -1.23 -0.17	45.73 -0.86 0.00	42.50 -0.67 0.00	43.22 -0.50 0.00	47.68 -0.33 0.00	99.16 0.24 0.00	51.28 -0.08 0.00	41.16 -0.73 0.00	39.68 -1.14 0.00	45.84 -1.94 0.00
FOX_HILLS___ESR 323835	38.25 2.89 0.00	35.04 2.50 0.00	31.35 2.29 0.00	29.47 2.16 0.00	29.64 2.14 0.00	35.54 2.40 0.00	43.01 2.82 0.00	45.18 2.95 0.00	101.30 6.77 0.00	54.25 3.80 0.00	51.89 3.82 0.00	48.92 3.72 0.00	71.25 5.92 0.00	44.38 3.78 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.02 0.00	47.91 4.17 -0.01	52.49 4.48 0.00	108.04 9.12 0.00	55.98 4.62 0.00	45.46 3.57 0.00	44.34 3.51 0.00	51.51 3.73 0.00
FPL_FAR_ROCK_GT1 24212	38.42 3.04 -0.01	35.21 2.67 -0.01	31.45 2.39 0.00	29.54 2.23 0.00	29.65 2.16 0.00	35.62 2.48 0.00	43.16 2.98 0.00	45.42 3.18 0.00	101.71 7.18 0.00	54.57 4.11 0.00	53.64 4.10 -1.47	50.77 4.08 -1.48	89.15 6.42 -17.39	69.06 4.07 -24.39	54.91 4.83 -3.26	59.92 4.72 -8.61	56.77 4.37 -9.24	48.26 4.51 -0.02	55.68 4.90 -2.77	109.07 10.15 -0.01	60.97 5.10 -4.52	45.74 3.83 -0.02	45.78 3.77 -1.19	53.31 4.15 -1.37
FPL_FAR_ROCK_GT2 23815	38.42 3.04 -0.01	35.21 2.67 -0.01	31.45 2.39 0.00	29.54 2.23 0.00	29.65 2.16 0.00	35.62 2.48 0.00	43.16 2.98 0.00	45.42 3.18 0.00	101.71 7.18 0.00	54.57 4.11 0.00	53.64 4.10 -1.47	50.77 4.08 -1.48	89.15 6.42 -17.39	69.06 4.07 -24.39	54.91 4.83 -3.26	59.92 4.72 -8.61	56.77 4.37 -9.24	48.26 4.51 -0.02	55.68 4.90 -2.77	109.07 10.15 -0.01	60.97 5.10 -4.52	45.74 3.83 -0.02	45.78 3.77 -1.19	53.31 4.15 -1.37

FRANKLIN_FALL_HYD 24054	34.86 -0.50 0.00	32.31 -0.22 0.00	28.93 -0.13 0.00	27.21 -0.10 0.00	27.41 -0.08 0.00	33.18 0.04 0.00	40.47 0.29 0.00	42.75 0.52 0.00	95.51 0.99 0.00	50.99 0.53 0.00	48.49 0.42 0.00	45.65 0.45 0.00	65.48 0.14 0.00	40.75 0.14 0.00	46.78 -0.04 0.00	46.63 0.05 0.00	43.38 0.21 0.00	44.00 0.27 0.00	48.19 0.18 0.00	99.58 0.66 0.00	51.83 0.47 0.00	42.32 0.43 0.00	40.90 0.07 0.00	47.56 -0.22 0.00
FREEPORT_EQUS_GT1 23764	38.26 2.89 -0.01	35.04 2.51 0.00	31.26 2.21 0.00	29.36 2.06 0.00	29.48 1.99 0.00	35.39 2.25 0.00	42.86 2.67 0.00	45.11 2.88 0.00	101.00 6.47 0.00	54.16 3.71 0.00	52.83 3.69 -1.07	50.05 3.76 -1.08	83.95 5.96 -12.65	62.13 3.78 -17.75	54.39 4.50 -3.08	57.18 4.33 -6.27	53.90 4.01 -6.72	47.86 4.12 -0.02	54.51 4.49 -2.01	108.20 9.27 0.00	59.33 4.69 -3.29	45.42 3.51 -0.01	45.24 3.56 -0.86	52.69 3.91 -1.00
FREEPORT___CT2 23818	38.26 2.89 -0.01	35.04 2.51 0.00	31.26 2.21 0.00	29.36 2.06 0.00	29.48 1.99 0.00	35.39 2.25 0.00	42.86 2.67 0.00	45.11 2.88 0.00	101.00 6.47 0.00	54.16 3.71 0.00	52.83 3.69 -1.07	50.05 3.76 -1.08	83.95 5.96 -12.65	62.13 3.78 -17.75	54.39 4.50 -3.08	57.18 4.33 -6.27	53.90 4.01 -6.72	47.86 4.12 -0.02	54.51 4.49 -2.01	108.20 9.27 0.00	59.33 4.69 -3.29	45.42 3.51 -0.01	45.24 3.56 -0.86	52.69 3.91 -1.00
FRESHKLS_33_KV_LOAD 356253	38.46 3.10 0.00	35.23 2.70 0.00	31.51 2.46 0.00	29.62 2.31 0.00	29.79 2.30 0.00	35.74 2.60 0.00	43.18 2.99 0.00	45.32 3.08 0.00	101.59 7.07 0.00	54.39 3.93 0.00	52.02 3.94 0.00	49.06 3.85 0.00	71.50 6.16 0.00	44.51 3.91 0.00	54.01 4.59 -2.60	51.05 4.46 0.00	47.32 4.15 0.00	48.04 4.31 -0.01	52.66 4.65 0.00	108.43 9.51 0.00	56.21 4.85 0.00	45.65 3.75 0.00	44.54 3.72 0.00	51.74 3.95 0.00
FULTON COGEN____ 23766	34.56 -0.80 0.00	31.77 -0.76 0.00	28.36 -0.69 0.00	26.67 -0.64 0.00	26.85 -0.64 0.00	32.35 -0.79 0.00	39.20 -0.99 0.00	41.15 -1.08 0.00	92.24 -2.28 0.00	49.24 -1.21 0.00	46.93 -1.15 0.00	44.09 -1.12 0.00	63.66 -1.67 0.00	39.55 -1.05 0.00	45.82 -1.25 -0.25	45.36 -1.23 0.00	41.99 -1.18 0.00	42.55 -1.18 0.00	46.78 -1.23 0.00	96.51 -2.41 0.00	50.10 -1.26 0.00	40.81 -1.08 0.00	39.74 -1.08 0.00	46.60 -1.19 0.00
FULTON___LFGE 323630	37.16 1.80 0.00	34.11 1.58 0.00	30.39 1.34 0.00	28.55 1.24 0.00	28.78 1.28 0.00	34.80 1.66 0.00	42.61 2.42 0.00	44.93 2.70 0.00	100.56 6.04 0.00	53.61 3.16 0.00	51.05 2.97 0.00	47.69 2.48 0.00	68.57 3.23 0.00	42.49 1.88 0.00	52.09 2.19 -3.08	48.74 2.15 0.00	45.09 1.92 0.00	45.81 2.07 -0.02	50.51 2.50 0.00	104.09 5.17 0.00	54.21 2.85 0.00	44.09 2.20 0.00	42.99 2.16 0.00	50.09 2.31 0.00
G.F.CEMENT___DRP 24184	37.65 2.28 0.00	34.61 2.08 0.00	30.95 1.90 0.00	29.11 1.80 0.00	29.34 1.85 0.00	35.59 2.45 0.00	43.20 3.02 0.00	45.44 3.21 0.00	101.72 7.20 0.00	54.37 3.92 0.00	51.62 3.55 0.00	48.72 3.51 0.00	70.53 5.19 0.00	43.84 3.24 0.00	53.72 3.84 -3.06	50.26 3.67 0.00	46.64 3.47 0.00	47.19 3.45 -0.02	51.63 3.62 0.00	106.25 7.33 0.00	54.89 3.54 0.00	44.83 2.94 0.00	43.81 2.99 0.00	51.29 3.51 0.00
GARDENVILLE___LBMP 24039	33.91 -1.46 0.00	31.07 -1.46 0.00	27.73 -1.32 0.00	26.06 -1.25 0.00	26.23 -1.26 0.00	31.27 -1.87 0.00	37.84 -2.35 0.00	40.04 -2.15 0.04	90.00 -4.53 0.00	47.67 -2.78 0.00	45.78 -2.30 0.00	42.39 -2.82 0.00	60.95 -4.39 0.00	38.14 -2.46 0.00	42.95 -3.58 0.29	43.04 -3.54 0.00	39.65 -3.36 0.16	40.79 -2.93 0.00	45.11 -2.89 0.00	93.92 -4.99 0.00	49.03 -2.33 0.00	39.68 -2.15 0.06	31.62 -2.04 7.16	46.29 -1.50 0.00
GARDNVLA_35_KV_LD 355827	33.98 -1.38 0.00	31.12 -1.41 0.00	27.76 -1.29 0.00	26.09 -1.22 0.00	26.25 -1.24 0.00	31.31 -1.83 0.00	37.92 -2.27 0.00	40.15 -2.05 0.04	90.24 -4.29 0.00	47.79 -2.66 0.00	45.92 -2.16 0.00	42.51 -2.70 0.00	61.08 -4.26 0.00	38.25 -2.36 -0.01	43.19 -3.47 0.16	43.18 -3.41 0.00	39.83 -3.20 0.13	40.94 -2.78 0.00	45.26 -2.75 0.00	94.22 -4.70 0.00	49.20 -2.15 0.00	39.81 -2.02 0.06	31.69 -1.94 7.19	46.41 -1.38 0.00
GELCKHM___115KV_LOAD 80723	35.14 -0.22 0.00	32.29 -0.23 0.00	28.84 -0.21 0.00	27.11 -0.20 0.00	27.30 -0.19 0.00	32.91 -0.24 0.00	39.90 -0.28 0.00	41.90 -0.33 0.00	93.93 -0.59 0.00	50.12 -0.34 0.00	47.77 -0.30 0.00	44.87 -0.34 0.00	64.78 -0.55 0.00	40.30 -0.30 0.00	46.66 -0.44 -0.28	46.15 -0.43 0.00	42.74 -0.43 0.00	43.29 -0.44 0.00	47.62 -0.39 0.00	98.28 -0.63 0.00	51.01 -0.34 0.00	41.52 -0.37 0.01	39.53 -0.38 0.91	47.45 -0.34 0.00
GENERAL___MILLS 23808	33.94 -1.43 0.00	31.09 -1.44 0.00	27.75 -1.31 0.00	26.07 -1.24 0.00	26.24 -1.25 0.00	31.29 -1.86 0.00	37.87 -2.32 0.00	40.08 -2.12 0.04	90.07 -4.45 0.00	47.71 -2.75 0.00	45.83 -2.25 0.00	42.43 -2.77 0.00	60.96 -4.37 0.00	38.18 -2.43 -0.01	43.08 -3.55 0.20	43.10 -3.49 0.00	39.74 -3.29 0.14	40.86 -2.86 0.00	45.17 -2.83 0.00	94.02 -4.90 0.00	49.10 -2.26 0.00	39.73 -2.10 0.06	31.64 -2.00 7.18	46.34 -1.45 0.00
GE_PLASTICS___DRP 24183	36.37 1.01 0.00	33.42 0.90 0.00	29.86 0.80 0.00	28.06 0.75 0.00	28.25 0.76 0.00	34.03 0.88 0.00	41.22 1.03 0.00	43.32 1.08 0.00	96.85 2.33 0.00	51.72 1.26 0.00	49.26 1.19 0.00	46.46 1.25 0.00	67.41 2.07 0.00	41.89 1.29 0.00	51.36 1.55 -2.99	48.12 1.54 0.00	44.60 1.43 0.00	45.11 1.38 -0.02	49.45 1.44 0.00	101.67 2.76 0.00	52.66 1.31 0.00	43.02 1.13 0.00	42.06 1.23 0.00	49.33 1.55 0.00
GILBOA___1 23756	36.50 1.13 0.00	33.52 0.99 0.00	29.95 0.89 0.00	28.14 0.83 0.00	28.32 0.83 0.00	34.11 0.97 0.00	41.34 1.15 0.00	43.44 1.21 0.00	97.31 2.79 0.00	52.00 1.54 0.00	49.55 1.48 0.00	46.68 1.48 0.00	67.70 2.37 0.00	42.03 1.43 0.00	51.17 1.90 -2.45	48.35 1.77 0.00	44.72 1.55 0.00	45.26 1.52 -0.01	49.69 1.68 0.00	102.12 3.20 0.00	52.93 1.57 0.00	43.18 1.27 -0.01	43.21 1.44 -0.95	49.41 1.62 0.00
GILBOA___2 23757	36.50 1.13 0.00	33.52 0.99 0.00	29.95 0.89 0.00	28.14 0.83 0.00	28.32 0.83 0.00	34.11 0.97 0.00	41.34 1.15 0.00	43.44 1.21 0.00	97.31 2.79 0.00	52.00 1.54 0.00	49.55 1.48 0.00	46.68 1.48 0.00	67.70 2.37 0.00	42.03 1.43 0.00	51.17 1.90 -2.45	48.35 1.77 0.00	44.72 1.55 0.00	45.26 1.52 -0.01	49.69 1.68 0.00	102.12 3.20 0.00	52.93 1.57 0.00	43.18 1.27 -0.01	43.21 1.44 -0.95	49.41 1.62 0.00
GILBOA___3 23758	36.50 1.13 0.00	33.52 0.99 0.00	29.95 0.89 0.00	28.14 0.83 0.00	28.32 0.83 0.00	34.11 0.97 0.00	41.34 1.15 0.00	43.44 1.21 0.00	97.31 2.79 0.00	52.00 1.54 0.00	49.55 1.48 0.00	46.68 1.48 0.00	67.70 2.37 0.00	42.03 1.43 0.00	51.17 1.90 -2.45	48.35 1.77 0.00	44.72 1.55 0.00	45.26 1.52 -0.01	49.69 1.68 0.00	102.12 3.20 0.00	52.93 1.57 0.00	43.18 1.27 -0.01	43.21 1.44 -0.95	49.41 1.62 0.00

GILBOA____4 23759	36.50 1.13 0.00	33.52 0.99 0.00	29.95 0.89 0.00	28.14 0.83 0.00	28.32 0.83 0.00	34.11 0.97 0.00	41.34 1.15 0.00	43.44 1.21 0.00	97.31 2.79 0.00	52.00 1.54 0.00	49.55 1.48 0.00	46.68 1.48 0.00	67.70 2.37 0.00	42.03 1.43 0.00	51.17 1.90 -2.45	48.35 1.77 0.00	44.72 1.55 0.00	45.26 1.52 -0.01	49.69 1.68 0.00	102.12 3.20 0.00	52.93 1.57 0.00	43.18 1.27 -0.01	43.21 1.44 -0.95	49.41 1.62 0.00
GILBOA____ 23599	36.50 1.14 0.00	33.52 0.99 0.00	29.95 0.89 0.00	28.14 0.83 0.00	28.32 0.83 0.00	34.11 0.97 0.00	41.34 1.15 0.00	43.44 1.21 0.00	97.31 2.79 0.00	52.00 1.54 0.00	49.55 1.47 0.00	46.69 1.48 0.00	67.70 2.37 0.00	42.03 1.43 0.00	51.17 1.90 -2.45	48.35 1.77 0.00	44.71 1.55 0.00	45.26 1.52 -0.01	49.69 1.68 0.00	102.12 3.20 0.00	52.93 1.57 0.00	43.18 1.27 -0.01	43.21 1.44 -0.95	49.41 1.63 0.00
GINNA____ 23603	33.05 -2.31 0.00	30.33 -2.20 0.00	27.04 -2.02 0.00	25.42 -1.89 0.00	25.61 -1.88 0.00	30.80 -2.34 0.00	37.38 -2.80 0.00	39.47 -2.75 0.02	88.50 -6.02 0.00	47.07 -3.39 0.00	45.00 -3.08 0.00	41.94 -3.27 0.00	60.35 -4.98 0.00	37.64 -2.96 0.00	43.39 -3.75 -0.31	42.87 -3.71 0.00	39.72 -3.45 0.00	40.52 -3.21 0.00	44.67 -3.34 0.00	92.47 -6.45 0.00	48.13 -3.23 0.00	39.08 -2.79 0.03	34.35 -2.80 3.67	44.81 -2.98 0.00
GLEN PARK____ 23778	34.99 -0.37 0.00	32.17 -0.36 0.00	28.68 -0.38 0.00	26.97 -0.34 0.00	27.24 -0.25 0.00	32.86 -0.28 0.00	39.47 -0.72 0.00	41.48 -0.75 0.00	92.88 -1.65 0.00	49.71 -0.75 0.00	47.25 -0.82 0.00	44.45 -0.76 0.00	63.80 -1.54 0.00	39.52 -1.08 0.00	45.75 -1.25 -0.18	45.71 -0.87 0.00	42.48 -0.68 0.00	43.22 -0.50 0.00	47.70 -0.31 0.00	99.20 0.28 0.00	51.30 -0.05 0.00	41.18 -0.72 0.00	39.66 -1.16 0.00	45.86 -1.92 0.00
GLENDALE_27_KV_LOAD 356172	38.01 2.65 0.00	34.82 2.29 0.00	31.17 2.11 0.00	29.33 2.03 0.00	29.49 2.00 0.00	35.33 2.19 0.00	42.89 2.71 0.00	45.16 2.92 0.00	101.37 6.85 0.00	54.34 3.89 0.00	51.94 3.87 0.00	49.01 3.80 0.00	71.35 6.01 0.00	44.43 3.83 0.00	53.92 4.50 -2.60	50.97 4.38 0.00	47.24 4.07 0.00	47.96 4.22 -0.01	52.53 4.52 0.00	108.04 9.12 0.00	55.92 4.56 0.00	45.41 3.51 0.00	44.22 3.40 0.00	51.35 3.56 0.00
GLENWOOD_IC_1_G5 23712	38.13 2.75 -0.01	34.94 2.41 0.00	31.21 2.15 0.00	29.33 2.02 0.00	29.47 1.97 0.00	35.38 2.24 0.00	42.90 2.71 0.00	45.14 2.90 0.00	101.19 6.67 0.00	54.24 3.79 0.00	53.16 3.78 -1.31	50.28 3.76 -1.32	86.77 5.97 -15.46	66.08 3.79 -21.69	54.50 4.49 -3.18	58.60 4.36 -7.66	55.41 4.03 -8.21	47.90 4.16 -0.02	54.94 4.47 -2.46	107.71 8.79 0.00	59.81 4.44 -4.02	45.39 3.48 -0.01	45.31 3.44 -1.05	52.76 3.75 -1.22
GLENWOOD_IC_2_G1 23688	37.91 2.54 0.00	34.74 2.20 0.00	31.05 1.99 0.00	29.18 1.87 0.00	29.33 1.84 0.00	35.22 2.08 0.00	42.71 2.52 0.00	44.92 2.69 0.00	100.76 6.24 0.00	53.99 3.54 0.00	51.64 3.50 -0.06	48.76 3.50 -0.06	71.63 5.57 -0.72	45.15 3.54 -1.00	53.66 4.22 -2.62	51.03 4.10 -0.35	47.33 3.78 -0.38	47.66 3.92 -0.01	52.33 4.21 -0.11	107.46 8.54 0.00	55.82 4.27 -0.19	45.15 3.26 0.00	44.08 3.20 -0.05	51.31 3.46 -0.06
GLENWOOD_IC_3_G1 23689	37.91 2.54 0.00	34.74 2.20 0.00	31.05 1.99 0.00	29.18 1.87 0.00	29.33 1.84 0.00	35.22 2.08 0.00	42.71 2.52 0.00	44.92 2.69 0.00	100.76 6.24 0.00	53.99 3.54 0.00	51.64 3.50 -0.06	48.76 3.50 -0.06	71.63 5.57 -0.72	45.15 3.54 -1.00	53.66 4.22 -2.62	51.03 4.10 -0.35	47.33 3.78 -0.38	47.66 3.92 -0.01	52.33 4.21 -0.11	107.46 8.54 0.00	55.82 4.27 -0.19	45.15 3.26 0.00	44.08 3.20 -0.05	51.31 3.46 -0.06
GLENWOOD____4 23550	38.13 2.75 -0.01	34.94 2.41 0.00	31.21 2.15 0.00	29.33 2.02 0.00	29.47 1.97 0.00	35.38 2.24 0.00	42.90 2.71 0.00	45.14 2.90 0.00	101.19 6.67 0.00	54.24 3.79 0.00	53.16 3.78 -1.31	50.28 3.76 -1.32	86.77 5.97 -15.46	66.08 3.79 -21.69	54.50 4.49 -3.18	58.60 4.36 -7.66	55.41 4.03 -8.21	47.90 4.16 -0.02	54.94 4.48 -2.46	107.84 8.91 0.00	59.86 4.49 -4.02	45.39 3.48 -0.01	45.31 3.44 -1.05	52.76 3.75 -1.22
GLENWOOD____5 23614	38.13 2.75 -0.01	34.94 2.41 0.00	31.21 2.15 0.00	29.33 2.02 0.00	29.47 1.97 0.00	35.38 2.24 0.00	42.90 2.71 0.00	45.14 2.90 0.00	101.19 6.67 0.00	54.24 3.79 0.00	53.16 3.78 -1.31	50.28 3.76 -1.32	86.77 5.97 -15.46	66.08 3.79 -21.69	54.50 4.49 -3.18	58.60 4.36 -7.66	55.41 4.03 -8.21	47.90 4.16 -0.02	54.94 4.48 -2.46	107.84 8.91 0.00	59.86 4.49 -4.02	45.39 3.48 -0.01	45.31 3.44 -1.05	52.76 3.75 -1.22
GLOBAL GREEN_PORT_GT1 23814	37.50 2.13 -0.01	34.39 1.86 0.00	30.69 1.63 0.00	28.82 1.52 0.00	28.95 1.46 0.00	34.82 1.68 0.00	42.19 2.00 0.00	44.26 2.03 0.00	98.64 4.11 0.00	52.92 2.46 0.00	51.60 2.71 -0.82	49.12 3.08 -0.83	79.65 4.61 -9.71	57.46 3.25 -13.61	53.92 4.14 -2.97	55.46 4.07 -4.81	52.12 3.80 -5.16	47.66 3.92 -0.02	53.88 4.33 -1.54	107.83 8.91 0.00	58.34 4.46 -2.52	45.03 3.13 -0.01	44.64 3.15 -0.66	51.75 3.20 -0.77
GLOBE____DSASP 323697	32.71 -2.65 0.00	30.11 -2.42 0.00	26.87 -2.19 0.00	25.27 -2.04 0.00	25.44 -2.05 0.00	30.32 -2.82 0.00	36.40 -3.79 0.00	38.50 -3.70 0.03	86.29 -8.24 0.00	45.65 -4.80 0.00	43.94 -4.14 0.00	40.67 -4.54 0.00	58.27 -7.05 0.01	36.42 -4.17 0.01	41.35 -5.38 0.09	41.38 -5.21 0.00	38.06 -5.00 0.11	39.12 -4.60 0.00	43.19 -4.82 0.00	89.68 -9.23 0.00	46.89 -4.47 0.00	38.09 -3.75 0.06	31.13 -3.48 6.22	44.40 -3.39 0.00
GOETHSLN____LBMP 323567	37.68 2.32 0.00	34.52 1.99 0.00	30.87 1.82 0.00	29.05 1.74 0.00	29.21 1.72 0.00	35.05 1.91 0.00	42.58 2.39 0.00	44.79 2.56 0.00	100.56 6.03 0.00	53.87 3.41 0.00	51.47 3.40 0.00	48.56 3.35 0.00	70.76 5.43 0.00	44.06 3.45 0.00	53.50 4.08 -2.60	50.56 3.97 0.00	46.84 3.67 0.00	47.58 3.84 -0.01	52.11 4.11 0.00	107.27 8.35 0.00	55.52 4.17 0.00	45.03 3.13 0.00	43.83 3.00 0.00	50.95 3.16 0.00
GOLAH____69_KV_TB 1_2 80279	34.62 -0.74 0.00	31.74 -0.80 0.00	28.29 -0.77 0.00	26.60 -0.70 0.00	26.82 -0.67 0.00	32.16 -0.98 0.00	39.04 -1.15 0.00	41.33 -0.88 0.02	92.62 -1.91 0.00	49.20 -1.26 0.00	47.17 -0.90 0.00	43.79 -1.42 0.00	62.97 -2.37 0.00	39.30 -1.30 0.00	45.18 -1.96 -0.32	44.61 -1.97 0.00	41.30 -1.86 0.00	42.31 -1.42 0.00	46.70 -1.31 0.00	96.77 -2.15 0.00	50.42 -0.93 0.00	40.93 -0.93 0.04	35.64 -1.00 4.18	47.06 -0.72 0.00
GOODYEAR_LAKE_HYD 323669	36.77 1.40 0.00	33.75 1.22 0.00	30.10 1.05 0.00	28.24 0.93 0.00	28.43 0.94 0.00	34.44 1.29 0.00	43.17 2.98 0.00	45.57 3.33 -0.01	102.47 7.95 0.00	54.75 4.29 0.00	51.88 3.81 0.00	48.83 3.62 0.00	68.71 3.37 0.00	42.60 2.00 0.00	50.73 2.44 -1.47	48.93 2.34 0.00	45.29 2.13 0.00	45.88 2.15 -0.01	50.46 2.45 0.00	103.87 4.95 0.00	53.87 2.51 0.00	43.84 1.92 -0.02	45.44 1.91 -2.70	49.91 2.13 0.00

GOUDEY___7 345031	35.86 0.50 0.00	32.94 0.41 0.00	29.43 0.37 0.00	27.64 0.33 0.00	27.82 0.33 0.00	33.49 0.34 0.00	40.73 0.55 0.00	42.76 0.51 -0.01	95.93 1.41 0.00	51.17 0.72 0.00	48.67 0.59 0.00	45.73 0.52 0.00	66.00 0.67 0.00	41.14 0.53 0.00	48.46 0.68 -0.96	47.20 0.61 0.00	43.73 0.56 0.00	44.25 0.53 0.00	48.78 0.77 0.00	100.74 1.82 0.00	52.25 0.89 0.00	42.53 0.55 -0.08	49.99 0.59 -8.57	48.71 0.92 0.00
GOUDEY___7 23579	35.86 0.50 0.00	32.94 0.41 0.00	29.43 0.37 0.00	27.64 0.33 0.00	27.82 0.33 0.00	33.49 0.34 0.00	40.73 0.55 0.00	42.76 0.51 -0.01	95.93 1.41 0.00	51.17 0.72 0.00	48.67 0.59 0.00	45.73 0.52 0.00	66.00 0.67 0.00	41.14 0.53 0.00	48.46 0.68 -0.96	47.20 0.61 0.00	43.73 0.56 0.00	44.25 0.53 0.00	48.78 0.77 0.00	100.74 1.82 0.00	52.25 0.89 0.00	42.53 0.55 -0.08	49.99 0.59 -8.57	48.71 0.92 0.00
GOUDEY___8 23580	35.86 0.50 0.00	32.94 0.41 0.00	29.43 0.37 0.00	27.64 0.33 0.00	27.82 0.33 0.00	33.49 0.34 0.00	40.73 0.55 0.00	42.76 0.51 -0.01	95.93 1.41 0.00	51.17 0.72 0.00	48.67 0.59 0.00	45.73 0.52 0.00	66.00 0.67 0.00	41.14 0.53 0.00	48.46 0.68 -0.96	47.20 0.61 0.00	43.73 0.56 0.00	44.25 0.53 0.00	48.78 0.77 0.00	100.74 1.82 0.00	52.25 0.89 0.00	42.53 0.55 -0.08	49.99 0.59 -8.57	48.71 0.92 0.00
GOWANUS_GT1_1 24077	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 -3.56 0.00
GOWANUS_GT1_2 24078	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 -3.56 0.00
GOWANUS_GT1_3 24079	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 -3.56 0.00
GOWANUS_GT1_4 24080	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 -3.56 0.00
GOWANUS_GT1_5 24084	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 -3.56 0.00
GOWANUS_GT1_6 24111	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 -3.56 0.00
GOWANUS_GT1_7 24112	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 -3.56 0.00
GOWANUS_GT1_8 24113	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 -3.56 0.00
GOWANUS_GT2_1 24114	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 -3.56 0.00
GOWANUS_GT2_2 24115	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 -3.56 0.00
GOWANUS_GT2_3 24116	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 -3.56 0.00
GOWANUS_GT2_4 24117	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 -3.56 0.00

GOWANUS_GT2_5 24118	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT2_6 24119	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT2_7 24120	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT2_8 24121	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT3_1 24122	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT3_2 24123	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT3_3 24124	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT3_4 24125	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT3_5 24126	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT3_6 24127	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT3_7 24128	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT3_8 24129	38.08 <u>2.71</u> 0.00	34.86 <u>2.33</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.71</u> 0.00	45.13 <u>2.90</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.72</u> 0.00	71.25 <u>5.91</u> 0.00	44.38 <u>3.77</u> 0.00	53.85 <u>4.43</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.89 <u>4.15</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.06</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.51</u> 0.00	44.22 <u>3.39</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT4_1 24130	38.08 <u>2.72</u> 0.00	34.87 <u>2.34</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.72</u> 0.00	45.12 <u>2.89</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.71</u> 0.00	71.25 <u>5.92</u> 0.00	44.38 <u>3.77</u> 0.00	53.86 <u>4.44</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.90 <u>4.16</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.05</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.50</u> 0.00	44.22 <u>3.40</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT4_2 24131	38.08 <u>2.72</u> 0.00	34.87 <u>2.34</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.72</u> 0.00	45.12 <u>2.89</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.71</u> 0.00	71.25 <u>5.92</u> 0.00	44.38 <u>3.77</u> 0.00	53.86 <u>4.44</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.90 <u>4.16</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.05</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.50</u> 0.00	44.22 <u>3.40</u> 0.00	51.34 <u>3.56</u> 0.00
GOWANUS_GT4_3 24132	38.08 <u>2.72</u> 0.00	34.87 <u>2.34</u> 0.00	31.20 <u>2.14</u> 0.00	29.34 <u>2.03</u> 0.00	29.50 <u>2.01</u> 0.00	35.37 <u>2.23</u> 0.00	42.90 <u>2.72</u> 0.00	45.12 <u>2.89</u> 0.00	101.25 <u>6.72</u> 0.00	54.25 <u>3.79</u> 0.00	51.87 <u>3.80</u> 0.00	48.92 <u>3.71</u> 0.00	71.25 <u>5.92</u> 0.00	44.38 <u>3.77</u> 0.00	53.86 <u>4.44</u> -2.60	50.89 <u>4.31</u> 0.00	47.18 <u>4.01</u> 0.00	47.90 <u>4.16</u> -0.01	52.47 <u>4.46</u> 0.00	107.97 <u>9.05</u> 0.00	55.92 <u>4.56</u> 0.00	45.40 <u>3.50</u> 0.00	44.22 <u>3.40</u> 0.00	51.34 <u>3.56</u> 0.00

GOWANUS_GT4_4 24133	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 3.56 0.00
GOWANUS_GT4_5 24134	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 3.56 0.00
GOWANUS_GT4_6 24135	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 3.56 0.00
GOWANUS_GT4_7 24136	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 3.56 0.00
GOWANUS_GT4_8 24137	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 3.56 0.00
GREENBSH_115KV_TB3 55895	36.31 0.94 0.00	33.38 0.84 0.00	29.82 0.76 0.00	28.03 0.72 0.00	28.21 0.72 0.00	33.97 0.83 0.00	41.16 0.97 0.00	43.23 1.00 0.00	96.63 2.10 0.00	51.59 1.13 0.00	49.12 1.04 0.00	46.36 1.15 0.00	67.30 1.96 0.00	41.84 1.24 0.00	51.31 1.49 -3.00	48.06 1.48 0.00	44.55 1.38 0.00	45.03 1.29 -0.02	49.32 1.31 0.00	101.37 2.45 0.00	52.49 1.14 0.00	42.92 1.03 0.00	41.97 1.15 0.00	49.34 1.56 0.00
GREENDGE_115KV_TB5 80291	35.00 -0.36 0.00	32.09 -0.44 0.00	28.72 -0.34 0.00	27.00 -0.31 0.00	27.21 -0.28 0.00	32.58 -0.56 0.00	39.68 -0.51 0.00	41.71 -0.44 0.08	93.80 -0.72 0.00	50.06 -0.40 0.00	47.83 -0.24 0.00	44.56 -0.65 0.00	64.00 -1.33 0.00	40.12 -0.48 0.00	47.22 -0.98 -1.37	45.54 -1.05 0.00	42.44 -0.93 -0.20	43.01 -0.72 -0.01	47.57 -0.44 0.00	98.29 -0.63 0.00	51.14 -0.21 0.00	41.25 -0.56 0.09	30.38 -0.51 9.93	48.03 0.25 0.00
GREENIDGE___3 23582	35.00 -0.36 0.00	32.09 -0.44 0.00	28.72 -0.34 0.00	27.00 -0.31 0.00	27.21 -0.28 0.00	32.58 -0.56 0.00	39.68 -0.51 0.00	41.71 -0.44 0.08	93.80 -0.72 0.00	50.06 -0.40 0.00	47.83 -0.24 0.00	44.56 -0.65 0.00	64.00 -1.33 0.00	40.12 -0.48 0.00	47.22 -0.98 -1.37	45.54 -1.05 0.00	42.44 -0.93 -0.20	43.01 -0.72 -0.01	47.57 -0.44 0.00	98.29 -0.63 0.00	51.14 -0.21 0.00	41.25 -0.56 0.09	30.38 -0.51 9.93	48.03 0.25 0.00
GREENIDGE___4 23583	35.00 -0.36 0.00	32.10 -0.43 0.00	28.72 -0.34 0.00	27.00 -0.31 0.00	27.21 -0.28 0.00	32.57 -0.57 0.00	39.68 -0.51 0.00	41.72 -0.43 0.08	93.81 -0.72 0.00	50.07 -0.39 0.00	47.83 -0.25 0.00	44.56 -0.65 0.00	64.00 -1.33 0.00	40.12 -0.48 0.00	47.21 -0.99 -1.37	45.54 -1.05 0.00	42.44 -0.93 -0.20	43.02 -0.72 -0.01	47.58 -0.44 0.00	98.31 -0.61 0.00	51.14 -0.21 0.00	41.24 -0.57 0.09	30.36 -0.53 9.93	48.02 0.23 0.00
GREENLWN_69_KV_BK 3 55738	37.89 2.52 -0.01	34.76 2.22 0.00	31.01 1.95 0.00	29.13 1.82 0.00	29.23 1.74 0.00	35.06 1.92 0.00	42.42 2.24 0.00	44.63 2.39 0.00	99.84 5.32 0.00	53.61 3.16 0.00	52.11 3.21 -0.83	49.37 3.32 -0.84	80.57 5.34 -9.89	57.83 3.35 -13.87	53.87 4.08 -2.97	55.44 3.96 -4.90	52.05 3.63 -5.25	47.38 3.64 -0.02	53.53 3.95 -1.57	107.00 8.07 0.00	57.99 4.06 -2.57	44.93 3.02 -0.01	44.66 3.16 -0.67	52.10 3.53 -0.78
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 3.56 0.00
GRISSOM___SOLAR 323813	37.16 1.80 0.00	34.11 1.58 0.00	30.41 1.35 0.00	28.57 1.26 0.00	28.79 1.30 0.00	34.79 1.65 0.00	42.54 2.35 0.00	44.84 2.61 0.00	100.36 5.84 0.00	53.49 3.04 0.00	50.94 2.86 0.00	47.62 2.41 0.00	68.59 3.26 0.00	42.52 1.92 0.00	52.13 2.23 -3.08	48.78 2.20 0.00	45.15 1.98 0.00	45.87 2.14 -0.02	50.55 2.54 0.00	104.13 5.21 0.00	54.17 2.82 0.00	44.10 2.21 0.00	42.98 2.15 0.00	50.12 2.34 0.00
GROVEVILLE___HYD 323602	37.84 2.48 0.00	34.67 2.14 0.00	30.97 1.91 0.00	29.10 1.80 0.00	29.27 1.78 0.00	35.22 2.08 0.00	42.77 2.59 0.00	44.99 2.76 0.00	100.95 6.43 0.00	54.03 3.58 0.00	51.57 3.50 0.00	48.66 3.46 0.00	70.82 5.48 0.00	44.08 3.48 0.00	53.60 4.16 -2.62	50.59 4.01 0.00	46.90 3.73 0.00	47.61 3.87 -0.01	52.21 4.20 0.00	107.48 8.56 0.00	55.66 4.30 0.00	45.17 3.28 0.00	44.00 3.17 0.00	51.19 3.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.29 -0.08 0.00	32.42 -0.11 0.00	28.96 -0.09 0.00	27.23 -0.07 0.00	27.43 -0.06 0.00	33.08 -0.07 0.00	40.12 -0.07 0.00	42.14 -0.09 0.00	94.42 -0.11 0.00	50.38 -0.07 0.00	48.02 -0.05 0.00	45.10 -0.11 0.00	65.08 -0.25 0.00	40.50 -0.10 0.00	46.92 -0.21 -0.31	46.36 -0.22 0.00	42.95 -0.22 0.00	43.50 -0.22 0.00	47.87 -0.14 0.00	98.84 -0.08 0.00	51.31 -0.05 0.00	41.76 -0.13 0.01	39.54 -0.16 1.12	47.74 -0.05 0.00
HAMLTNNY_34_KV_TB 80303	35.34 -0.03 0.00	32.47 -0.06 0.00	29.00 -0.06 0.00	27.26 -0.05 0.00	27.46 -0.03 0.00	33.11 -0.03 0.00	40.19 0.01 0.00	42.26 0.03 0.00	94.60 0.07 0.00	50.45 0.00 0.00	48.07 0.00 0.00	45.11 -0.10 0.00	65.04 -0.29 0.00	40.49 -0.11 0.00	46.92 -0.23 -0.32	46.32 -0.26 0.00	42.90 -0.27 0.00	43.52 -0.21 0.00	47.92 -0.09 0.00	98.95 0.03 0.00	51.41 0.05 0.00	41.84 -0.04 0.01	39.24 -0.08 1.50	47.87 0.08 0.00

HAMPSHIRE___PAPER_HYD 323593	34.26 -1.10 0.00	31.55 -0.98 0.00	28.12 -0.93 0.00	26.46 -0.85 0.00	26.68 -0.81 0.00	32.25 -0.89 0.00	39.13 -1.06 0.00	41.18 -1.05 0.00	91.99 -2.53 0.00	49.17 -1.29 0.00	46.73 -1.35 0.00	43.91 -1.30 0.00	63.01 -2.33 0.00	39.04 -1.56 0.00	45.08 -1.83 -0.10	44.94 -1.65 0.00	41.77 -1.40 0.00	42.45 -1.27 0.00	46.65 -1.36 0.00	96.49 -2.43 0.00	50.08 -1.28 0.00	40.51 -1.38 0.00	39.21 -1.61 0.00	45.40 -2.38 0.00
HARDSCRABBLE_WT_PWR 323673	36.82 1.46 0.00	33.78 1.25 0.00	30.16 1.11 0.00	28.31 1.00 0.00	28.49 1.00 0.00	34.33 1.19 0.00	41.78 1.59 0.00	44.01 1.77 0.00	98.55 4.02 0.00	52.62 2.17 0.00	50.12 2.05 0.00	47.35 2.15 0.00	68.78 3.45 0.00	42.88 2.28 0.00	49.43 2.61 0.00	48.81 2.23 0.00	44.90 1.74 0.00	45.12 1.40 0.00	49.70 1.69 0.00	102.88 3.96 0.00	53.26 1.90 0.00	43.42 1.52 0.00	42.73 1.90 0.00	50.09 2.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.71 2.35 0.00	34.53 2.00 0.00	30.85 1.80 0.00	28.98 1.68 0.00	29.16 1.67 0.00	35.05 1.91 0.00	42.57 2.38 0.00	44.74 2.51 0.00	100.44 5.91 0.00	53.76 3.31 0.00	51.35 3.28 0.00	48.44 3.23 0.00	70.52 5.18 0.00	43.92 3.32 0.00	53.28 3.95 -2.51	50.37 3.79 0.00	46.69 3.53 0.00	47.46 3.72 -0.01	52.00 3.99 0.00	107.04 8.13 0.00	55.46 4.10 0.00	44.99 3.09 -0.01	44.68 2.95 -0.91	50.98 3.20 0.00
HARSNRAD_115KV_TB1 81005	33.41 -1.96 0.00	30.54 -1.99 0.00	27.25 -1.81 0.00	25.62 -1.69 0.00	25.83 -1.66 0.00	30.79 -2.35 0.00	37.19 -3.00 0.00	39.40 -2.80 0.03	88.36 -6.16 0.00	46.77 -3.69 0.00	45.00 -3.07 0.00	41.62 -3.59 0.00	59.90 -5.44 0.00	37.43 -3.18 -0.01	42.32 -4.41 0.09	42.31 -4.27 0.00	39.03 -4.03 0.11	40.15 -3.57 0.00	44.32 -3.69 0.00	92.10 -6.82 0.00	48.15 -3.21 0.00	39.09 -2.75 0.05	32.15 -2.60 6.08	45.46 -2.33 0.00
HARZA MOOSE___RIVER 24016	35.74 0.38 0.00	32.85 0.32 0.00	29.29 0.23 0.00	27.53 0.22 0.00	27.76 0.26 0.00	33.53 0.39 0.00	40.77 0.58 0.00	42.85 0.62 0.00	96.06 1.53 0.00	51.36 0.90 0.00	48.85 0.77 0.00	45.93 0.72 0.00	66.02 0.68 0.00	40.93 0.32 0.00	47.33 0.38 -0.13	47.06 0.47 0.00	43.71 0.55 0.00	44.38 0.65 0.00	48.84 0.83 0.00	101.09 2.17 0.00	52.33 0.98 0.00	42.18 0.29 0.00	40.91 0.08 0.00	47.39 -0.39 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.14 -0.22 0.00	32.29 -0.23 0.00	28.84 -0.22 0.00	27.10 -0.21 0.00	27.30 -0.20 0.00	32.88 -0.26 0.00	39.87 -0.32 0.00	41.88 -0.35 0.00	93.92 -0.60 0.00	50.11 -0.35 0.00	47.77 -0.30 0.00	44.87 -0.34 0.00	64.80 -0.54 0.00	40.30 -0.30 0.00	46.68 -0.42 -0.28	46.16 -0.43 0.00	42.75 -0.42 0.00	43.30 -0.43 0.00	47.62 -0.39 0.00	98.25 -0.67 0.00	51.00 -0.36 0.00	41.52 -0.38 0.00	40.43 -0.39 0.00	47.45 -0.34 0.00
HELLGATE_13_KV_LD 55870	38.04 2.68 0.00	34.86 2.33 0.00	31.20 2.15 0.00	29.36 2.05 0.00	29.52 2.03 0.00	35.36 2.22 0.00	42.93 2.74 0.00	45.20 2.97 0.00	101.47 6.94 0.00	54.38 3.93 0.00	51.99 3.92 0.00	49.05 3.84 0.00	71.40 6.06 0.00	44.47 3.87 0.00	53.97 4.55 -2.60	51.01 4.42 0.00	47.27 4.11 0.00	48.00 4.26 -0.01	52.57 4.56 0.00	108.16 9.24 0.00	55.97 4.61 0.00	45.43 3.53 0.00	44.25 3.43 0.00	51.37 3.59 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.04 2.68 0.00	34.86 2.33 0.00	31.20 2.15 0.00	29.36 2.05 0.00	29.52 2.03 0.00	35.36 2.22 0.00	42.93 2.74 0.00	45.20 2.97 0.00	101.47 6.94 0.00	54.38 3.93 0.00	51.99 3.92 0.00	49.05 3.84 0.00	71.40 6.06 0.00	44.47 3.87 0.00	53.97 4.55 -2.60	51.01 4.42 0.00	47.27 4.11 0.00	48.00 4.26 -0.01	52.57 4.56 0.00	108.16 9.24 0.00	55.97 4.61 0.00	45.43 3.53 0.00	44.25 3.43 0.00	51.37 3.59 0.00
HEMPSTEAD____ 23647	38.17 2.80 -0.01	34.98 2.44 0.00	31.23 2.17 0.00	29.34 2.03 0.00	29.47 1.97 0.00	35.38 2.23 0.00	42.85 2.66 0.00	45.09 2.86 0.00	101.01 6.49 0.00	54.17 3.72 0.00	52.95 3.71 -1.16	50.13 3.74 -1.17	85.05 5.93 -13.78	63.70 3.76 -19.33	54.39 4.45 -3.12	57.71 4.30 -6.83	54.46 3.98 -7.32	47.82 4.09 -0.02	54.62 4.42 -2.19	107.91 8.98 0.00	59.46 4.52 -3.58	45.34 3.43 -0.01	45.22 3.45 -0.94	52.67 3.79 -1.09
HICKLING___1 23621	34.99 -0.38 0.00	32.09 -0.44 0.00	28.85 -0.21 0.00	27.12 -0.18 0.00	27.33 -0.16 0.00	32.48 -0.66 0.00	39.64 -0.55 0.00	41.35 -0.79 0.09	93.68 -0.85 0.00	49.73 -0.72 0.00	47.56 -0.51 0.00	44.27 -0.93 0.00	64.04 -1.30 0.00	40.37 -0.23 0.00	46.67 -1.09 -0.94	45.32 -1.27 0.00	42.28 -0.97 -0.08	43.02 -0.71 0.00	47.49 -0.52 0.00	98.87 -0.05 0.00	51.16 -0.20 0.00	40.83 -0.92 0.15	23.75 -0.73 16.35	48.52 0.73 0.00
HICKLING___2 23622	34.99 -0.38 0.00	32.09 -0.44 0.00	28.85 -0.21 0.00	27.12 -0.18 0.00	27.33 -0.16 0.00	32.48 -0.66 0.00	39.64 -0.55 0.00	41.35 -0.79 0.09	93.68 -0.85 0.00	49.73 -0.72 0.00	47.56 -0.51 0.00	44.27 -0.93 0.00	64.04 -1.30 0.00	40.37 -0.23 0.00	46.67 -1.09 -0.94	45.32 -1.27 0.00	42.28 -0.97 -0.08	43.02 -0.71 0.00	47.49 -0.52 0.00	98.87 -0.05 0.00	51.16 -0.20 0.00	40.83 -0.92 0.15	23.75 -0.73 16.35	48.52 0.73 0.00
HIGH FALLS___HY 23754	37.74 2.37 0.00	34.61 2.08 0.00	30.90 1.85 0.00	29.03 1.72 0.00	29.19 1.70 0.00	35.14 2.00 0.00	42.70 2.51 0.00	44.92 2.69 0.00	100.81 6.29 0.00	53.98 3.53 0.00	51.59 3.52 0.00	48.66 3.45 0.00	70.75 5.41 0.00	43.82 3.22 0.00	53.25 3.84 -2.60	50.19 3.61 0.00	46.57 3.41 0.00	47.33 3.60 -0.01	51.94 3.93 0.00	107.54 8.62 0.00	55.74 4.39 0.00	45.20 3.30 -0.01	44.84 3.15 -0.87	51.08 3.29 0.00
HIGH_RIVER___SOLAR 323847	36.78 1.42 0.00	33.78 1.25 0.00	30.16 1.10 0.00	28.34 1.03 0.00	28.54 1.05 0.00	34.45 1.31 0.00	41.92 1.73 0.00	44.07 1.84 0.00	98.67 4.15 0.00	52.67 2.22 0.00	50.13 2.06 0.00	47.04 1.83 0.00	67.93 2.60 0.00	42.08 1.48 0.00	51.69 1.79 -3.08	48.42 1.84 0.00	44.87 1.71 0.00	45.50 1.76 -0.02	50.03 2.02 0.00	103.01 4.09 0.00	53.49 2.13 0.00	43.61 1.72 0.00	42.53 1.71 0.00	49.67 1.89 0.00
HILLBURN___GT 23639	37.68 2.31 0.00	34.51 1.98 0.00	30.84 1.79 0.00	28.98 1.67 0.00	29.14 1.65 0.00	35.02 1.88 0.00	42.53 2.34 0.00	44.69 2.46 0.00	100.31 5.79 0.00	53.69 3.24 0.00	51.27 3.20 0.00	48.35 3.14 0.00	70.44 5.10 0.00	43.89 3.29 0.00	53.25 3.90 -2.53	50.35 3.77 0.00	46.65 3.49 0.00	47.41 3.67 -0.01	51.93 3.92 0.00	106.92 8.00 0.00	55.39 4.03 0.00	44.94 3.04 -0.01	44.62 2.90 -0.89	50.92 3.14 0.00
HILLSIDE_115KV_TB1 80332	34.56 -0.80 0.00	31.76 -0.77 0.00	28.61 -0.45 0.00	26.87 -0.43 0.00	27.09 -0.40 0.00	32.18 -0.96 0.00	39.38 -0.81 0.00	41.36 -0.79 0.09	93.36 -1.16 0.00	49.46 -0.99 0.00	47.03 -1.05 0.00	43.93 -1.28 0.00	63.36 -1.97 0.00	39.93 -0.67 0.00	46.18 -1.53 -0.89	44.87 -1.71 0.00	41.86 -1.37 -0.06	42.57 -1.16 0.00	46.94 -1.07 0.00	97.75 -1.17 0.00	50.53 -0.83 0.00	40.38 -1.35 0.17	20.93 -1.15 18.74	48.13 0.34 0.00

HISHELDN_WT_PWR 323625	34.04 -1.33 0.00	31.17 -1.35 0.00	27.81 -1.25 0.00	26.12 -1.19 0.00	26.27 -1.23 0.00	31.30 -1.85 0.00	37.77 -2.42 0.00	39.84 -2.35 0.04	89.87 -4.65 0.00	47.71 -2.74 0.00	45.87 -2.20 0.00	42.45 -2.76 0.00	61.15 -4.18 0.00	38.33 -2.27 0.00	42.26 -3.39 1.18	43.21 -3.38 0.00	39.64 -3.15 0.38	40.82 -2.90 0.01	45.10 -2.91 0.01	94.25 -4.66 0.00	49.16 -2.19 0.00	39.66 -2.17 0.07	30.59 -1.99 8.24	46.45 -1.34 0.00
HOLTSVILLE_IC_1 23690	38.01 2.64 -0.01	34.92 2.39 0.00	31.18 2.13 0.00	29.28 1.97 0.00	29.38 1.89 0.00	35.27 2.13 0.00	42.69 2.51 0.00	44.89 2.66 0.00	100.23 5.70 0.00	53.82 3.36 0.00	52.28 3.39 -0.82	49.64 3.60 -0.83	80.83 5.80 -9.69	57.86 3.66 -13.59	54.22 4.43 -2.97	55.71 4.32 -4.80	52.33 4.02 -5.15	47.76 4.02 -0.02	53.94 4.39 -1.54	107.96 9.03 0.00	58.44 4.57 -2.52	45.28 3.38 -0.01	44.99 3.50 -0.66	52.35 3.80 -0.77
HOLTSVILLE_IC_10 23699	38.17 2.80 -0.01	35.07 2.53 0.00	31.30 2.24 0.00	29.39 2.08 0.00	29.49 2.00 0.00	35.41 2.27 0.00	42.88 2.69 0.00	45.08 2.84 0.00	100.61 6.09 0.00	54.04 3.59 0.00	52.48 3.58 -0.82	49.87 3.83 -0.83	81.28 6.19 -9.75	58.18 3.90 -13.67	54.49 4.70 -2.97	56.00 4.59 -4.83	52.64 4.29 -5.18	48.04 4.30 -0.02	54.27 4.71 -1.55	108.63 9.71 0.00	58.80 4.91 -2.53	45.54 3.64 -0.01	45.23 3.74 -0.67	52.60 4.05 -0.77
HOLTSVILLE_IC_2 23691	38.01 2.64 -0.01	34.92 2.39 0.00	31.18 2.13 0.00	29.28 1.97 0.00	29.38 1.89 0.00	35.27 2.13 0.00	42.69 2.51 0.00	44.89 2.66 0.00	100.23 5.70 0.00	53.82 3.36 0.00	52.28 3.39 -0.82	49.64 3.60 -0.83	80.83 5.80 -9.69	57.86 3.66 -13.59	54.22 4.43 -2.97	55.71 4.32 -4.80	52.33 4.02 -5.15	47.76 4.02 -0.02	53.94 4.39 -1.54	107.96 9.03 0.00	58.44 4.57 -2.52	45.28 3.38 -0.01	44.99 3.50 -0.66	52.35 3.80 -0.77
HOLTSVILLE_IC_3 23692	38.01 2.64 -0.01	34.92 2.39 0.00	31.18 2.13 0.00	29.28 1.97 0.00	29.38 1.89 0.00	35.27 2.13 0.00	42.69 2.51 0.00	44.89 2.66 0.00	100.23 5.70 0.00	53.82 3.36 0.00	52.28 3.39 -0.82	49.64 3.60 -0.83	80.83 5.80 -9.69	57.86 3.66 -13.59	54.22 4.43 -2.97	55.71 4.32 -4.80	52.33 4.02 -5.15	47.76 4.02 -0.02	53.94 4.39 -1.54	107.96 9.03 0.00	58.44 4.57 -2.52	45.28 3.38 -0.01	44.99 3.50 -0.66	52.35 3.80 -0.77
HOLTSVILLE_IC_4 23693	38.01 2.64 -0.01	34.92 2.39 0.00	31.18 2.13 0.00	29.28 1.97 0.00	29.38 1.89 0.00	35.27 2.13 0.00	42.69 2.51 0.00	44.89 2.66 0.00	100.23 5.70 0.00	53.82 3.36 0.00	52.28 3.39 -0.82	49.64 3.60 -0.83	80.83 5.80 -9.69	57.86 3.66 -13.59	54.22 4.43 -2.97	55.71 4.32 -4.80	52.33 4.02 -5.15	47.76 4.02 -0.02	53.94 4.39 -1.54	107.96 9.03 0.00	58.44 4.57 -2.52	45.28 3.38 -0.01	44.99 3.50 -0.66	52.35 3.80 -0.77
HOLTSVILLE_IC_5 23694	38.01 2.64 -0.01	34.92 2.39 0.00	31.18 2.13 0.00	29.28 1.97 0.00	29.38 1.89 0.00	35.27 2.13 0.00	42.69 2.51 0.00	44.89 2.66 0.00	100.23 5.70 0.00	53.82 3.36 0.00	52.28 3.39 -0.82	49.64 3.60 -0.83	80.83 5.80 -9.69	57.86 3.66 -13.59	54.22 4.43 -2.97	55.71 4.32 -4.80	52.33 4.02 -5.15	47.76 4.02 -0.02	53.94 4.39 -1.54	107.96 9.03 0.00	58.44 4.57 -2.52	45.28 3.38 -0.01	44.99 3.50 -0.66	52.35 3.80 -0.77
HOLTSVILLE_IC_6 23695	38.17 2.80 -0.01	35.07 2.53 0.00	31.30 2.24 0.00	29.39 2.08 0.00	29.49 2.00 0.00	35.41 2.27 0.00	42.88 2.69 0.00	45.08 2.84 0.00	100.61 6.09 0.00	54.04 3.59 0.00	52.48 3.58 -0.82	49.87 3.83 -0.83	81.28 6.19 -9.75	58.18 3.90 -13.67	54.49 4.70 -2.97	56.00 4.59 -4.83	52.64 4.29 -5.18	48.04 4.30 -0.02	54.27 4.71 -1.55	108.63 9.71 0.00	58.80 4.91 -2.53	45.54 3.64 -0.01	45.23 3.74 -0.67	52.60 4.05 -0.77
HOLTSVILLE_IC_7 23696	38.17 2.80 -0.01	35.07 2.53 0.00	31.30 2.24 0.00	29.39 2.08 0.00	29.49 2.00 0.00	35.41 2.27 0.00	42.88 2.69 0.00	45.08 2.84 0.00	100.61 6.09 0.00	54.04 3.59 0.00	52.48 3.58 -0.82	49.87 3.83 -0.83	81.28 6.19 -9.75	58.18 3.90 -13.67	54.49 4.70 -2.97	56.00 4.59 -4.83	52.64 4.29 -5.18	48.04 4.30 -0.02	54.27 4.71 -1.55	108.63 9.71 0.00	58.80 4.91 -2.53	45.54 3.64 -0.01	45.23 3.74 -0.67	52.60 4.05 -0.77
HOLTSVILLE_IC_8 23697	38.17 2.80 -0.01	35.07 2.53 0.00	31.30 2.24 0.00	29.39 2.08 0.00	29.49 2.00 0.00	35.41 2.27 0.00	42.88 2.69 0.00	45.08 2.84 0.00	100.61 6.09 0.00	54.04 3.59 0.00	52.48 3.58 -0.82	49.87 3.83 -0.83	81.28 6.19 -9.75	58.18 3.90 -13.67	54.49 4.70 -2.97	56.00 4.59 -4.83	52.64 4.29 -5.18	48.04 4.30 -0.02	54.27 4.71 -1.55	108.63 9.71 0.00	58.80 4.91 -2.53	45.54 3.64 -0.01	45.23 3.74 -0.67	52.60 4.05 -0.77
HOLTSVILLE_IC_9 23698	38.17 2.80 -0.01	35.07 2.53 0.00	31.30 2.24 0.00	29.39 2.08 0.00	29.49 2.00 0.00	35.41 2.27 0.00	42.88 2.69 0.00	45.08 2.84 0.00	100.61 6.09 0.00	54.04 3.59 0.00	52.48 3.58 -0.82	49.87 3.83 -0.83	81.28 6.19 -9.75	58.18 3.90 -13.67	54.49 4.70 -2.97	56.00 4.59 -4.83	52.64 4.29 -5.18	48.04 4.30 -0.02	54.27 4.71 -1.55	108.63 9.71 0.00	58.80 4.91 -2.53	45.54 3.64 -0.01	45.23 3.74 -0.67	52.60 4.05 -0.77
HOMER_HL_115KV_TB2 355744	34.46 -0.90 0.00	31.75 -0.78 0.00	28.42 -0.63 0.00	26.70 -0.61 0.00	26.88 -0.62 0.00	31.97 -1.17 0.00	38.91 -1.28 0.00	40.93 -1.25 0.05	92.06 -2.46 0.00	48.67 -1.78 0.00	46.59 -1.48 0.00	43.25 -1.96 0.00	62.41 -2.92 0.00	39.22 -1.39 0.00	44.78 -2.35 -0.31	44.01 -2.57 0.00	40.83 -2.31 0.03	41.80 -1.92 0.00	46.22 -1.79 0.00	96.40 -2.52 0.00	50.17 -1.18 0.00	40.45 -1.37 0.08	30.99 -1.22 8.62	47.66 -0.13 0.00
HOWARD_WT_PWR 323690	35.09 -0.28 0.00	32.03 -0.50 0.00	28.54 -0.52 0.00	26.89 -0.42 0.00	26.99 -0.51 0.00	31.93 -1.21 0.00	38.56 -1.62 0.00	40.45 -1.71 0.08	92.74 -1.78 0.00	49.34 -1.11 0.00	47.42 -0.66 0.00	43.94 -1.27 0.00	63.53 -1.81 0.00	40.00 -0.60 0.00	47.51 -1.67 -2.35	44.83 -1.76 0.00	42.17 -1.43 -0.43	42.62 -1.12 -0.01	47.28 -0.74 -0.01	98.63 -0.29 0.00	50.80 -0.56 0.00	40.41 -1.39 0.10	29.01 -0.95 10.87	47.79 0.01 0.00
HQ_GEN_CEDARS 23644	34.93 -0.43 0.00	32.23 -0.30 0.00	28.77 -0.28 0.00	27.06 -0.25 0.00	27.26 -0.23 0.00	32.96 -0.19 0.00	40.09 -0.10 0.00	42.24 0.01 0.00	94.21 -0.31 0.00	50.25 -0.20 0.00	47.79 -0.29 0.00	44.89 -0.32 0.00	64.41 -0.93 0.00	40.06 -0.54 0.00	46.07 -0.75 0.00	45.93 -0.65 0.00	42.69 -0.47 0.00	43.34 -0.39 0.00	47.51 -0.50 0.00	98.19 -0.73 0.00	51.13 -0.23 0.00	41.75 -0.14 0.00	40.45 -0.37 0.00	47.14 -0.65 0.00
HQ_GEN_CEDARS_PROXY 323590	34.93 -0.43 0.00	32.23 -0.30 0.00	28.77 -0.28 0.00	27.06 -0.25 0.00	27.26 -0.24 0.00	32.96 -0.18 0.00	40.09 -0.10 0.00	42.24 0.01 0.00	94.20 -0.32 0.00	50.25 -0.20 0.00	47.78 -0.30 0.00	44.89 -0.32 0.00	64.41 -0.93 0.00	40.06 -0.54 0.00	46.07 -0.75 0.00	45.94 -0.65 0.00	42.70 -0.47 0.00	43.34 -0.39 0.00	47.51 -0.50 0.00	98.19 -0.73 0.00	51.13 -0.23 0.00	41.75 -0.14 0.00	40.46 -0.37 0.00	47.14 -0.64 0.00

HQ_GEN_CHPE_PROXY 323851	37.79 2.43 0.00	34.62 2.09 0.00	30.97 1.92 0.00	29.15 1.85 0.00	29.32 1.82 0.00	35.16 2.02 0.00	42.67 2.49 0.00	44.90 2.66 0.00	100.81 6.28 0.00	54.00 3.54 0.00	51.61 3.53 0.00	48.70 3.49 0.00	70.92 5.58 0.00	44.16 3.55 0.00	53.62 4.21 -2.60	50.66 4.08 0.00	46.94 3.78 0.00	47.66 3.92 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.61 4.25 0.00	45.22 3.23 -0.10	43.79 3.13 0.16	51.07 3.29 0.00
HQ_GEN_IMPORT 323601	35.11 -0.25 0.00	32.34 -0.19 0.00	28.89 -0.17 0.00	27.16 -0.15 0.00	27.35 -0.15 0.00	33.00 -0.14 0.00	40.05 -0.14 0.00	42.14 -0.09 0.00	94.21 -0.31 0.00	50.27 -0.18 0.00	47.88 -0.19 0.00	45.00 -0.20 0.00	64.91 -0.43 0.00	40.32 -0.28 0.00	46.47 -0.35 0.00	46.25 -0.33 0.00	42.90 -0.26 0.00	43.50 -0.22 0.00	47.75 -0.26 0.00	98.41 -0.51 0.00	51.16 -0.20 0.00	41.85 -0.14 -0.10	40.61 -0.22 0.00	47.49 -0.30 0.00
HQ_GEN_WHEEL 23651	35.11 -0.25 0.00	32.34 -0.19 0.00	28.89 -0.17 0.00	27.16 -0.15 0.00	27.35 -0.15 0.00	33.00 -0.14 0.00	40.05 -0.14 0.00	42.14 -0.09 0.00	94.21 -0.31 0.00	50.27 -0.18 0.00	47.88 -0.19 0.00	45.00 -0.20 0.00	64.91 -0.43 0.00	40.32 -0.28 0.00	46.47 -0.35 0.00	46.25 -0.33 0.00	42.90 -0.26 0.00	43.50 -0.22 0.00	47.75 -0.26 0.00	98.41 -0.51 0.00	51.16 -0.20 0.00	41.85 -0.14 -0.10	40.61 -0.22 0.00	47.49 -0.30 0.00
HUDSON AVE_GT_3 23810	37.90 2.53 0.00	34.72 2.19 0.00	31.05 1.99 0.00	29.21 1.90 0.00	29.38 1.89 0.00	35.25 2.11 0.00	42.80 2.61 0.00	45.03 2.80 0.00	101.14 6.61 0.00	54.20 3.74 0.00	51.78 3.71 0.00	48.86 3.66 0.00	71.16 5.83 0.00	44.31 3.71 0.00	53.79 4.37 -2.60	50.84 4.25 0.00	47.11 3.94 0.00	47.83 4.09 -0.01	52.40 4.39 0.00	107.82 8.91 0.00	55.79 4.43 0.00	45.27 3.38 0.00	44.08 3.26 0.00	51.23 3.44 0.00
HUDSON AVE_GT_4 23540	37.90 2.53 0.00	34.72 2.19 0.00	31.05 1.99 0.00	29.21 1.90 0.00	29.38 1.89 0.00	35.25 2.11 0.00	42.80 2.61 0.00	45.03 2.80 0.00	101.14 6.61 0.00	54.20 3.74 0.00	51.78 3.71 0.00	48.86 3.66 0.00	71.16 5.83 0.00	44.31 3.71 0.00	53.79 4.37 -2.60	50.84 4.25 0.00	47.11 3.94 0.00	47.83 4.09 -0.01	52.40 4.39 0.00	107.82 8.91 0.00	55.79 4.43 0.00	45.27 3.38 0.00	44.08 3.26 0.00	51.23 3.44 0.00
HUDSON AVE_GT_5 23657	37.90 2.53 0.00	34.72 2.19 0.00	31.05 1.99 0.00	29.21 1.90 0.00	29.38 1.89 0.00	35.25 2.11 0.00	42.80 2.61 0.00	45.03 2.80 0.00	101.14 6.61 0.00	54.20 3.74 0.00	51.78 3.71 0.00	48.86 3.66 0.00	71.16 5.83 0.00	44.31 3.71 0.00	53.79 4.37 -2.60	50.84 4.25 0.00	47.11 3.94 0.00	47.83 4.09 -0.01	52.40 4.39 0.00	107.82 8.91 0.00	55.79 4.43 0.00	45.27 3.38 0.00	44.08 3.26 0.00	51.23 3.44 0.00
HUDSON_AVE_10 24168	37.76 2.40 0.00	34.62 2.08 0.00	30.96 1.90 0.00	29.13 1.82 0.00	29.29 1.80 0.00	35.16 2.02 0.00	42.67 2.48 0.00	44.84 2.61 0.00	100.58 6.06 0.00	53.93 3.48 0.00	51.54 3.47 0.00	48.61 3.40 0.00	70.81 5.47 0.00	44.13 3.53 0.00	53.63 4.22 -2.60	50.68 4.10 0.00	46.94 3.78 0.00	47.65 3.92 -0.01	52.19 4.18 0.00	107.26 8.34 0.00	55.53 4.18 0.00	45.10 3.21 0.00	43.91 3.09 0.00	51.03 3.24 0.00
HUDSON___115KV_TB 4 355613	36.88 1.51 0.00	33.87 1.34 0.00	30.24 1.19 0.00	28.43 1.12 0.00	28.63 1.14 0.00	34.50 1.36 0.00	41.87 1.68 0.00	44.04 1.81 0.00	98.45 3.92 0.00	52.34 1.89 0.00	50.03 1.96 0.00	47.14 1.93 0.00	68.51 3.18 0.00	42.53 1.93 0.00	52.05 2.27 -2.95	48.86 2.27 0.00	45.25 2.09 0.00	45.88 2.14 -0.02	50.38 2.37 0.00	103.55 4.64 0.00	53.62 2.27 0.00	43.75 1.85 0.00	42.70 1.87 0.00	50.11 2.33 0.00
HUNTER MOUNT___DRP 323613	36.99 1.63 0.00	33.97 1.44 0.00	30.33 1.28 0.00	28.52 1.21 0.00	28.71 1.22 0.00	34.63 1.49 0.00	42.03 1.85 0.00	44.25 2.02 0.00	98.92 4.40 0.00	52.59 2.13 0.00	50.28 2.20 0.00	47.36 2.16 0.00	68.79 3.45 0.00	42.70 2.10 0.00	52.20 2.47 -2.90	49.03 2.45 0.00	45.49 2.33 0.00	46.13 2.39 -0.02	50.64 2.63 0.00	104.05 5.13 0.00	53.88 2.53 0.00	43.94 2.05 0.00	42.87 2.05 0.00	50.30 2.51 0.00
HUNTINGTON_RES_REC 323705	37.89 2.52 -0.01	34.61 2.08 0.00	30.89 1.84 0.00	29.01 1.70 0.00	29.10 1.61 0.00	34.90 1.76 0.00	42.23 2.05 0.00	44.43 2.19 0.00	99.36 4.84 0.00	53.37 2.92 0.00	51.87 2.97 -0.83	49.16 3.11 -0.84	80.18 5.05 -9.80	57.52 3.18 -13.74	53.65 3.86 -2.97	55.17 3.74 -4.85	51.82 3.45 -5.20	47.17 3.43 -0.02	53.30 3.73 -1.56	106.57 7.65 0.00	57.76 3.86 -2.55	44.76 2.86 -0.01	44.50 3.01 -0.67	51.91 3.35 -0.77
HUNTLEY___63 23557	33.70 -1.66 0.00	30.89 -1.64 0.00	27.57 -1.49 0.00	25.90 -1.41 0.00	26.10 -1.39 0.00	31.11 -2.03 0.00	37.54 -2.65 0.00	39.76 -2.44 0.04	89.22 -5.30 0.00	47.24 -3.22 0.00	45.43 -2.65 0.00	42.05 -3.15 0.00	60.38 -4.97 -0.01	37.82 -2.81 -0.02	42.73 -3.97 0.11	42.75 -3.84 0.00	39.41 -3.64 0.12	40.51 -3.21 0.00	44.71 -3.30 0.00	92.97 -5.95 0.00	48.60 -2.75 0.00	39.39 -2.45 0.06	32.08 -2.29 6.46	45.87 -1.92 0.00
HUNTLEY___64 23558	33.70 -1.66 0.00	30.89 -1.64 0.00	27.57 -1.49 0.00	25.90 -1.41 0.00	26.10 -1.39 0.00	31.11 -2.03 0.00	37.54 -2.65 0.00	39.76 -2.44 0.04	89.22 -5.30 0.00	47.24 -3.22 0.00	45.43 -2.65 0.00	42.05 -3.15 0.00	60.38 -4.97 -0.01	37.82 -2.81 -0.02	42.73 -3.97 0.11	42.75 -3.84 0.00	39.41 -3.64 0.12	40.51 -3.21 0.00	44.71 -3.30 0.00	92.97 -5.95 0.00	48.60 -2.75 0.00	39.39 -2.45 0.06	32.08 -2.29 6.46	45.87 -1.92 0.00
HUNTLEY___65 23559	33.70 -1.66 0.00	30.89 -1.64 0.00	27.57 -1.49 0.00	25.90 -1.41 0.00	26.10 -1.39 0.00	31.11 -2.03 0.00	37.54 -2.65 0.00	39.76 -2.44 0.04	89.22 -5.30 0.00	47.24 -3.22 0.00	45.43 -2.65 0.00	42.05 -3.15 0.00	60.38 -4.97 -0.01	37.82 -2.81 -0.02	42.73 -3.97 0.11	42.75 -3.84 0.00	39.41 -3.64 0.12	40.51 -3.21 0.00	44.71 -3.30 0.00	92.97 -5.95 0.00	48.60 -2.75 0.00	39.39 -2.45 0.06	32.08 -2.29 6.46	45.87 -1.92 0.00
HUNTLEY___66 23560	33.70 -1.66 0.00	30.89 -1.64 0.00	27.57 -1.49 0.00	25.90 -1.41 0.00	26.10 -1.39 0.00	31.11 -2.03 0.00	37.54 -2.65 0.00	39.76 -2.44 0.04	89.22 -5.30 0.00	47.24 -3.22 0.00	45.43 -2.65 0.00	42.05 -3.15 0.00	60.38 -4.97 -0.01	37.82 -2.81 -0.02	42.73 -3.97 0.11	42.75 -3.84 0.00	39.41 -3.64 0.12	40.51 -3.21 0.00	44.71 -3.30 0.00	92.97 -5.95 0.00	48.60 -2.75 0.00	39.39 -2.45 0.06	32.08 -2.29 6.46	45.87 -1.92 0.00
HUNTLEY___67 23561	33.56 -1.81 0.00	30.76 -1.77 0.00	27.43 -1.62 0.00	25.78 -1.52 0.00	25.96 -1.53 0.00	30.95 -2.19 0.00	37.41 -2.77 0.00	39.61 -2.59 0.04	88.93 -5.59 0.00	47.07 -3.39 0.00	45.21 -2.86 0.00	41.85 -3.35 0.00	60.12 -5.22 0.00	37.59 -3.01 0.00	42.51 -4.13 0.18	42.53 -4.05 0.00	39.19 -3.84 0.13	40.31 -3.41 0.00	44.54 -3.46 0.00	92.66 -6.26 0.00	48.40 -2.96 0.00	39.23 -2.61 0.06	31.64 -2.50 6.69	45.68 -2.10 0.00

HUNTLEY___68 23562	33.56 -1.81 0.00	30.76 -1.77 0.00	27.43 -1.62 0.00	25.78 -1.52 0.00	25.96 -1.53 0.00	30.95 -2.19 0.00	37.41 -2.77 0.00	39.61 -2.59 0.04	88.93 -5.59 0.00	47.07 -3.39 0.00	45.21 -2.86 0.00	41.85 -3.35 0.00	60.12 -5.22 0.00	37.59 -3.01 0.00	42.51 -4.13 0.18	42.53 -4.05 0.00	39.19 -3.84 0.13	40.31 -3.41 0.00	44.54 -3.46 0.00	92.66 -6.26 0.00	48.40 -2.96 0.00	39.23 -2.61 0.06	31.64 -2.50 6.69	45.68 -2.10 0.00
HYLAND___LFGE 323620	36.21 0.85 0.00	33.07 0.54 0.00	29.46 0.41 0.00	27.72 0.41 0.00	27.94 0.45 0.00	33.45 0.31 0.00	40.73 0.54 0.00	42.98 0.80 0.05	96.93 2.40 0.00	51.34 0.88 0.00	49.00 0.92 0.00	45.12 -0.09 0.00	64.94 -0.39 0.00	40.80 0.19 0.00	48.61 -0.69 -2.48	45.80 -0.79 0.00	42.98 -0.66 -0.48	43.66 -0.08 -0.02	48.76 0.74 -0.01	101.88 2.96 0.00	53.20 1.85 0.00	42.76 0.93 0.07	33.77 0.90 7.96	49.48 1.70 0.00
INDECK___CORINTH 23802	37.51 2.14 0.00	34.48 1.95 0.00	30.83 1.78 0.00	29.00 1.69 0.00	29.21 1.72 0.00	35.42 2.28 0.00	43.01 2.82 0.00	45.24 3.01 0.00	101.31 6.78 0.00	54.14 3.69 0.00	51.45 3.37 0.00	48.52 3.31 0.00	70.25 4.92 0.00	43.66 3.06 0.00	53.49 3.61 -3.06	49.95 3.37 0.00	46.35 3.18 0.00	46.89 3.15 -0.02	51.31 3.31 0.00	105.60 6.68 0.00	54.59 3.23 0.00	44.65 2.75 0.00	43.59 2.77 0.00	51.05 3.27 0.00
INDECK___ILION 23567	37.09 1.73 0.00	33.98 1.46 0.00	30.34 1.29 0.00	28.47 1.17 0.00	28.66 1.16 0.00	34.51 1.37 0.00	42.02 1.83 0.00	44.27 2.03 0.00	99.20 4.68 0.00	53.02 2.57 0.00	50.46 2.39 0.00	47.70 2.49 0.00	69.50 4.17 0.00	43.32 2.72 0.00	49.94 3.12 0.00	49.37 2.78 0.00	45.46 2.29 0.00	45.68 1.96 0.00	50.20 2.19 0.00	103.79 4.87 0.00	53.56 2.20 0.00	43.71 1.82 0.00	43.12 2.30 0.00	50.65 2.87 0.00
INDECK___OLEAN 23982	34.46 -0.91 0.00	31.78 -0.75 0.00	28.42 -0.63 0.00	26.70 -0.61 0.00	26.87 -0.62 0.00	31.97 -1.17 0.00	38.91 -1.28 0.05	40.94 -1.24 0.00	92.06 -2.46 0.00	48.66 -1.79 0.00	46.60 -1.48 0.00	43.25 -1.96 0.00	62.42 -2.91 0.00	39.21 -1.40 0.00	44.79 -2.35 -0.31	44.01 -2.57 0.00	40.82 -2.31 0.03	41.81 -1.92 0.00	46.22 -1.79 0.00	96.44 -2.48 0.00	50.17 -1.18 0.00	40.41 -1.41 0.08	30.96 -1.25 8.62	47.65 -0.14 0.00
INDECK___OSWEGO 23783	34.63 -0.73 0.00	31.84 -0.69 0.00	28.43 -0.63 0.00	26.72 -0.59 0.00	26.91 -0.58 0.00	32.41 -0.73 0.00	39.23 -0.96 0.00	41.15 -1.08 0.00	92.18 -2.35 0.00	49.21 -1.25 0.00	46.91 -1.16 0.00	44.08 -1.13 0.00	63.63 -1.70 0.00	39.54 -1.06 0.00	45.83 -1.23 -0.24	45.35 -1.23 0.00	42.01 -1.15 0.00	42.54 -1.19 0.00	46.76 -1.25 0.00	96.50 -2.42 0.00	50.10 -1.26 0.00	40.82 -1.08 0.00	39.74 -1.08 0.00	46.61 -1.17 0.00
INDECK___YERKES 23781	33.74 -1.62 0.00	30.96 -1.58 0.00	27.60 -1.46 0.00	25.93 -1.38 0.00	26.12 -1.37 0.00	31.15 -1.99 0.00	37.57 -2.62 0.00	39.81 -2.39 0.04	89.33 -5.19 0.00	47.27 -3.18 0.00	45.48 -2.59 0.00	42.09 -3.11 0.00	60.45 -4.90 -0.01	37.86 -2.76 -0.02	42.78 -3.93 0.11	42.80 -3.78 0.00	39.46 -3.59 0.12	40.56 -3.16 0.00	44.77 -3.24 0.00	93.14 -5.78 0.00	48.65 -2.70 0.00	39.40 -2.44 0.06	32.08 -2.29 6.46	45.91 -1.88 0.00
INDIAN POINT_GT_1 24139	37.62 2.25 0.00	34.47 1.94 0.00	30.81 1.75 0.00	28.96 1.65 0.00	29.13 1.64 0.00	34.99 1.85 0.00	42.48 2.29 0.00	44.64 2.41 0.00	100.16 5.64 0.00	53.63 3.18 0.00	51.22 3.14 0.00	48.32 3.11 0.00	70.38 5.05 0.00	43.82 3.22 0.00	53.25 3.84 -2.58	50.31 3.72 0.00	46.60 3.44 0.00	47.33 3.59 -0.01	51.87 3.86 0.00	106.73 7.81 0.00	55.26 3.91 0.00	44.86 2.96 -0.01	44.54 2.86 -0.85	50.86 3.07 0.00
INDIAN POINT_GT_2 23659	37.62 2.25 0.00	34.47 1.94 0.00	30.81 1.75 0.00	28.96 1.65 0.00	29.13 1.64 0.00	34.99 1.85 0.00	42.48 2.29 0.00	44.64 2.41 0.00	100.16 5.64 0.00	53.63 3.18 0.00	51.22 3.14 0.00	48.32 3.11 0.00	70.38 5.05 0.00	43.82 3.22 0.00	53.25 3.84 -2.58	50.31 3.72 0.00	46.60 3.44 0.00	47.33 3.59 -0.01	51.87 3.86 0.00	106.73 7.81 0.00	55.26 3.91 0.00	44.86 2.96 -0.01	44.54 2.86 -0.85	50.86 3.07 0.00
INDIAN POINT_GT_3 24019	37.62 2.25 0.00	34.47 1.94 0.00	30.81 1.75 0.00	28.96 1.65 0.00	29.13 1.64 0.00	34.99 1.85 0.00	42.48 2.29 0.00	44.64 2.41 0.00	100.16 5.64 0.00	53.63 3.18 0.00	51.22 3.14 0.00	48.32 3.11 0.00	70.38 5.05 0.00	43.82 3.22 0.00	53.25 3.84 -2.58	50.31 3.72 0.00	46.60 3.44 0.00	47.33 3.59 -0.01	51.87 3.86 0.00	106.73 7.81 0.00	55.26 3.91 0.00	44.86 2.96 -0.01	44.54 2.86 -0.85	50.86 3.07 0.00
INDIAN POINT___2 23530	37.60 2.24 0.00	34.45 1.92 0.00	30.79 1.74 0.00	28.95 1.64 0.00	29.10 1.61 0.00	34.96 1.83 0.00	42.44 2.26 0.00	44.62 2.39 0.00	100.11 5.59 0.00	53.59 3.14 0.00	51.18 3.11 0.00	48.28 3.07 0.00	70.33 4.99 0.00	43.80 3.20 0.00	53.19 3.80 -2.57	50.26 3.67 0.00	46.57 3.40 0.00	47.31 3.57 -0.01	51.83 3.82 0.00	106.65 7.74 0.00	55.23 3.87 0.00	44.83 2.92 -0.01	44.53 2.84 -0.87	50.84 3.05 0.00
INDIAN POINT___3 23531	37.59 2.22 0.00	34.45 1.92 0.00	30.79 1.73 0.00	28.95 1.64 0.00	29.10 1.61 0.00	34.96 1.82 0.00	42.45 2.26 0.00	44.61 2.38 0.00	100.10 5.58 0.00	53.59 3.14 0.00	51.18 3.10 0.00	48.28 3.07 0.00	70.32 4.98 0.00	43.78 3.18 0.00	53.21 3.80 -2.59	50.26 3.67 0.00	46.56 3.39 0.00	47.28 3.54 -0.01	51.82 3.81 0.00	106.63 7.72 0.00	55.21 3.85 0.00	44.82 2.92 -0.01	44.50 2.82 -0.85	50.84 3.05 0.00
INDIANHD_69_KV_BK1 55831	38.14 2.77 -0.01	35.25 2.71 0.00	31.44 2.39 0.00	29.52 2.21 0.00	29.64 2.14 0.00	35.58 2.44 0.00	43.11 2.92 0.00	45.31 3.07 0.00	101.04 6.51 0.00	54.30 3.85 0.00	52.65 3.75 -0.82	50.12 4.09 -0.83	81.68 6.61 -9.73	58.43 4.17 -13.65	54.78 4.99 -2.97	56.26 4.85 -4.82	52.93 4.59 -5.17	48.31 4.57 -0.02	54.61 5.06 -1.55	109.45 10.53 0.00	59.24 5.35 -2.53	45.87 3.97 -0.01	45.51 4.02 -0.66	52.90 4.35 -0.77
INGHAM_C_115KV_TB7 356103	37.09 1.73 0.00	33.98 1.46 0.00	30.34 1.29 0.00	28.47 1.17 0.00	28.66 1.16 0.00	34.51 1.37 0.00	42.02 1.83 0.00	44.27 2.03 0.00	99.20 4.68 0.00	53.02 2.57 0.00	50.46 2.39 0.00	47.70 2.49 0.00	69.50 4.17 0.00	43.32 2.72 0.00	49.94 3.12 0.00	49.37 2.78 0.00	45.46 2.29 0.00	45.68 1.96 0.00	50.20 2.19 0.00	103.79 4.87 0.00	53.56 2.20 0.00	43.71 1.82 0.00	43.12 2.30 0.00	50.65 2.87 0.00
IP CORINTH___1 23988	37.52 2.15 0.00	34.48 1.95 0.00	30.83 1.78 0.00	29.00 1.69 0.00	29.21 1.72 0.00	35.42 2.28 0.00	43.01 2.82 0.00	45.24 3.01 0.00	101.30 6.77 0.00	54.14 3.68 0.00	51.45 3.38 0.00	48.52 3.31 0.00	70.25 4.92 0.00	43.66 3.06 0.00	53.49 3.61 -3.06	49.95 3.37 0.00	46.35 3.18 0.00	46.89 3.15 -0.02	51.31 3.31 0.00	105.59 6.68 0.00	54.59 3.23 0.00	44.65 2.75 0.00	43.59 2.77 0.00	51.05 3.27 0.00

IP___TICONDEROGA 23804	38.32 2.95 0.00	35.37 2.84 0.00	31.69 2.63 0.00	29.82 2.52 0.00	30.11 2.62 0.00	36.90 3.76 0.00	44.71 4.52 0.00	46.96 4.73 0.00	104.73 10.21 0.00	56.01 5.56 0.00	52.83 4.76 0.00	50.12 4.91 0.00	72.29 6.95 0.00	45.08 4.48 0.00	55.20 5.33 -3.06	51.80 5.22 0.00	48.32 5.16 0.00	49.04 5.30 -0.02	53.51 5.50 0.00	110.22 11.30 0.00	56.57 5.21 0.00	45.89 3.99 0.00	45.13 4.31 0.00	52.83 5.04 0.00
ISLIP_RES_REC 323679	38.28 2.90 -0.01	35.15 2.62 0.00	31.37 2.31 0.00	29.46 2.16 0.00	29.57 2.08 0.00	35.50 2.36 0.00	43.00 2.81 0.00	45.22 2.98 0.00	100.89 6.37 0.00	54.20 3.75 0.00	52.62 3.73 -0.83	50.04 4.00 -0.84	81.61 6.48 -9.79	58.41 4.08 -13.73	54.69 4.90 -2.97	56.22 4.78 -4.85	52.84 4.48 -5.20	48.22 4.48 -0.02	54.47 4.90 -1.56	109.04 10.12 0.00	59.04 5.14 -2.54	45.70 3.79 -0.01	45.38 3.89 -0.67	52.75 4.19 -0.77
JAMAICA__27_KV_LOAD 355505	37.88 2.51 0.00	34.75 2.22 0.00	31.08 2.03 0.00	29.23 1.92 0.00	29.40 1.91 0.00	35.32 2.18 0.00	42.84 2.66 0.00	45.01 2.78 0.00	100.89 6.36 0.00	54.11 3.66 0.00	51.72 3.64 0.00	48.74 3.54 0.00	71.03 5.69 0.00	44.34 3.74 0.00	53.98 4.56 -2.60	51.03 4.44 0.00	47.22 4.06 0.00	47.93 4.19 -0.01	52.47 4.46 0.00	107.61 8.69 0.00	55.67 4.32 0.00	45.29 3.39 0.00	44.08 3.26 0.00	51.20 3.41 0.00
JANIS___SOLAR 323808	36.90 1.53 0.00	33.85 1.32 0.00	30.18 1.12 0.00	28.21 0.90 0.00	28.43 0.94 0.00	34.46 1.32 0.00	42.14 1.96 0.00	44.52 2.23 -0.06	99.79 5.26 0.00	53.31 2.86 0.00	50.29 2.22 0.00	47.36 2.15 0.00	68.15 2.82 0.00	42.43 1.83 0.00	49.71 1.86 -1.02	48.45 1.87 0.00	44.79 1.59 -0.03	45.51 1.78 0.00	50.23 2.22 0.00	104.61 5.69 0.00	54.41 3.05 0.00	44.06 2.16 0.00	42.88 2.05 0.00	50.28 2.50 0.00
JARVIS____ 23743	35.58 0.21 0.00	32.70 0.17 0.00	29.20 0.15 0.00	27.44 0.13 0.00	27.62 0.12 0.00	33.28 0.14 0.00	40.35 0.16 0.00	42.40 0.17 0.00	94.94 0.41 0.00	50.71 0.25 0.00	48.31 0.23 0.00	45.45 0.24 0.00	65.76 0.43 0.00	40.85 0.25 0.00	47.14 0.32 0.00	46.89 0.31 0.00	43.43 0.26 0.00	43.97 0.25 0.00	48.27 0.26 0.00	99.43 0.51 0.00	51.60 0.24 0.00	42.08 0.18 0.00	41.07 0.24 0.00	48.06 0.27 0.00
JENNISON___1 23625	37.18 1.81 0.00	34.10 1.57 0.00	30.28 1.22 0.00	28.01 0.70 0.00	28.13 0.64 0.00	34.39 1.25 0.00	42.12 1.94 0.00	44.45 2.20 -0.02	100.19 5.66 0.00	53.65 3.19 0.00	50.50 2.43 0.00	47.48 2.28 0.00	68.07 2.73 0.00	42.36 1.76 0.00	50.19 2.11 -1.26	48.76 2.18 0.00	45.04 1.88 0.00	45.56 1.83 0.00	50.33 2.32 0.00	104.82 5.90 0.00	54.52 3.16 0.00	44.27 2.35 -0.03	46.65 2.42 -3.40	50.60 2.82 0.00
JENNISON___2 23626	37.18 1.81 0.00	34.10 1.57 0.00	30.28 1.22 0.00	28.01 0.70 0.00	28.13 0.64 0.00	34.39 1.25 0.00	42.12 1.94 0.00	44.45 2.20 -0.02	100.19 5.66 0.00	53.65 3.19 0.00	50.50 2.43 0.00	47.48 2.28 0.00	68.07 2.73 0.00	42.36 1.76 0.00	50.19 2.11 -1.26	48.76 2.18 0.00	45.04 1.88 0.00	45.56 1.83 0.00	50.33 2.32 0.00	104.82 5.90 0.00	54.52 3.16 0.00	44.27 2.35 -0.03	46.65 2.42 -3.40	50.60 2.82 0.00
JERICHO_RISE_WT_PWR 323719	34.67 -0.69 0.00	32.14 -0.39 0.00	28.79 -0.27 0.00	27.07 -0.23 0.00	27.28 -0.21 0.00	32.99 -0.15 0.00	40.15 -0.04 0.00	42.31 0.08 0.00	94.51 -0.01 0.00	50.41 -0.04 0.00	47.96 -0.11 0.00	45.11 -0.09 0.00	64.85 -0.49 0.00	40.30 -0.30 0.00	46.39 -0.43 0.00	46.19 -0.39 0.00	42.91 -0.26 0.00	43.52 -0.20 0.00	47.75 -0.26 0.00	98.48 -0.44 0.00	51.24 -0.12 0.00	41.82 -0.07 0.00	40.51 -0.31 0.00	47.24 -0.55 0.00
KATONAH___115KV_46KV_TB4 355592	37.68 2.32 0.00	34.53 2.00 0.00	30.86 1.80 0.00	29.01 1.70 0.00	29.18 1.69 0.00	35.08 1.94 0.00	42.58 2.39 0.00	44.78 2.55 0.00	100.50 5.97 0.00	53.80 3.35 0.00	51.36 3.29 0.00	48.47 3.27 0.00	70.58 5.25 0.00	43.95 3.34 0.00	53.43 3.99 -2.62	50.44 3.86 0.00	46.76 3.59 0.00	47.47 3.74 -0.01	52.03 4.02 0.00	107.05 8.13 0.00	55.40 4.04 0.00	44.97 3.07 0.00	43.81 2.99 0.00	51.00 3.21 0.00
KCE_NY_1 323755	37.40 2.04 0.00	34.37 1.84 0.00	30.70 1.65 0.00	28.86 1.56 0.00	29.06 1.57 0.00	35.14 2.00 0.00	42.65 2.46 0.00	44.86 2.62 0.00	100.42 5.90 0.00	53.65 3.20 0.00	51.00 2.92 0.00	48.03 2.82 0.00	69.61 4.28 0.00	43.24 2.64 0.00	53.04 3.16 -3.05	49.70 3.11 0.00	46.05 2.89 0.00	46.59 2.85 -0.02	51.01 3.00 0.00	104.96 6.04 0.00	54.39 3.03 0.00	44.44 2.55 0.00	43.35 2.53 0.00	50.78 2.99 0.00
KCE_NY_6_ESR 323823	33.96 -1.40 0.00	31.13 -1.40 0.00	27.76 -1.30 0.00	26.08 -1.23 0.00	26.23 -1.26 0.00	31.30 -1.84 0.00	37.88 -2.31 0.00	40.11 -2.08 0.04	90.16 -4.37 0.00	47.72 -2.73 0.00	45.88 -2.19 0.00	42.46 -2.75 0.00	61.02 -4.31 0.00	38.20 -2.41 -0.01	43.09 -3.54 0.20	43.11 -3.48 0.00	39.75 -3.27 0.14	40.87 -2.85 0.00	45.20 -2.81 0.00	94.04 -4.88 0.00	49.13 -2.23 0.00	39.73 -2.10 0.06	31.63 -2.01 7.18	46.34 -1.44 0.00
KEDC_PORT_JEFF_GT2 24210	38.11 2.74 -0.01	35.04 2.51 0.00	31.27 2.22 0.00	29.38 2.07 0.00	29.48 1.99 0.00	35.40 2.26 0.00	42.85 2.66 0.00	45.05 2.82 0.00	100.53 6.01 0.00	54.01 3.56 0.00	52.45 3.56 -0.82	49.85 3.81 -0.83	81.21 6.15 -9.73	58.12 3.88 -13.64	54.46 4.68 -2.97	55.96 4.56 -4.82	52.59 4.27 -5.16	48.00 4.26 -0.02	54.22 4.66 -1.55	108.57 9.65 0.00	58.78 4.90 -2.53	45.52 3.62 -0.01	45.20 3.71 -0.66	52.56 4.01 -0.77
KEDC_PORT_JEFF_GT3 24211	38.11 2.74 -0.01	35.04 2.51 0.00	31.27 2.22 0.00	29.38 2.07 0.00	29.48 1.99 0.00	35.40 2.26 0.00	42.85 2.66 0.00	45.05 2.82 0.00	100.53 6.01 0.00	54.01 3.56 0.00	52.45 3.56 -0.82	49.85 3.81 -0.83	81.21 6.15 -9.73	58.12 3.88 -13.64	54.46 4.68 -2.97	55.96 4.56 -4.82	52.59 4.27 -5.16	48.00 4.26 -0.02	54.22 4.66 -1.55	108.57 9.65 0.00	58.78 4.90 -2.53	45.52 3.62 -0.01	45.20 3.71 -0.66	52.56 4.01 -0.77
KEDC_GLWD_GT4 24219	38.13 2.76 -0.01	34.94 2.40 0.00	31.20 2.14 0.00	29.32 2.02 0.00	29.47 1.97 0.00	35.38 2.24 0.00	42.90 2.71 0.00	45.14 2.90 0.00	101.20 6.67 0.00	54.24 3.79 0.00	53.15 3.77 -1.31	50.28 3.76 -1.32	86.77 5.97 -15.46	66.08 3.79 -21.69	54.50 4.49 -3.18	58.60 4.35 -7.66	55.41 4.03 -8.21	47.89 4.15 -0.02	54.94 4.47 -2.46	107.71 8.78 0.00	59.81 4.44 -4.02	45.39 3.48 -0.01	45.32 3.44 -1.05	52.75 3.74 -1.22
KEDC_GLWD_GT5 24220	38.13 2.76 -0.01	34.94 2.40 0.00	31.20 2.14 0.00	29.32 2.02 0.00	29.47 1.97 0.00	35.38 2.24 0.00	42.90 2.71 0.00	45.14 2.90 0.00	101.20 6.67 0.00	54.24 3.79 0.00	53.15 3.77 -1.31	50.28 3.76 -1.32	86.77 5.97 -15.46	66.08 3.79 -21.69	54.50 4.49 -3.18	58.60 4.35 -7.66	55.41 4.03 -8.21	47.89 4.15 -0.02	54.94 4.47 -2.46	107.71 8.78 0.00	59.81 4.44 -4.02	45.39 3.48 -0.01	45.32 3.44 -1.05	52.75 3.74 -1.22

KENSICO____ 23655	37.69 2.32 0.00	34.54 2.01 0.00	30.87 1.82 0.00	29.03 1.72 0.00	29.18 1.69 0.00	35.06 1.92 0.00	42.57 2.38 0.00	44.75 2.52 0.00	100.41 5.89 0.00	53.77 3.32 0.00	51.36 3.29 0.00	48.46 3.25 0.00	70.57 5.24 0.00	43.95 3.34 0.00	53.40 3.99 -2.60	50.44 3.86 0.00	46.73 3.56 0.00	47.45 3.71 -0.01	51.98 3.97 0.00	106.95 8.03 0.00	55.38 4.02 0.00	44.95 3.05 0.00	43.80 2.98 0.00	50.98 3.19 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.74 2.37 0.00	34.62 2.09 0.00	30.92 1.87 0.00	29.04 1.73 0.00	29.21 1.72 0.00	35.17 2.03 0.00	42.73 2.54 0.00	44.94 2.71 0.00	100.85 6.33 0.00	53.99 3.53 0.00	51.60 3.53 0.00	48.67 3.46 0.00	70.75 5.42 0.00	43.75 3.15 0.00	53.09 3.75 -2.52	50.11 3.52 0.00	46.52 3.35 0.00	47.28 3.54 -0.01	51.88 3.87 0.00	107.52 8.60 0.00	55.73 4.38 0.00	45.21 3.30 -0.01	44.94 3.17 -0.95	51.13 3.34 0.00
KIAC_JFK_GT1 23816	37.67 2.31 0.00	34.56 2.03 0.00	30.92 1.87 0.00	29.07 1.76 0.00	29.26 1.77 0.00	35.13 1.98 0.00	42.61 2.42 0.00	44.76 2.53 0.00	100.31 5.79 0.00	53.83 3.38 0.00	51.44 3.36 0.00	48.50 3.29 0.00	70.65 5.32 0.00	44.10 3.50 0.00	53.70 4.28 -2.60	50.75 4.16 0.00	46.91 3.75 0.00	47.51 3.77 -0.01	52.00 3.98 0.00	106.60 7.68 0.00	55.17 3.81 0.00	45.00 3.11 0.00	43.83 3.01 0.00	50.90 3.12 0.00
KIAC_JFK_GT2 23817	37.67 2.31 0.00	34.56 2.03 0.00	30.92 1.87 0.00	29.07 1.76 0.00	29.26 1.77 0.00	35.13 1.98 0.00	42.61 2.42 0.00	44.76 2.53 0.00	100.31 5.79 0.00	53.83 3.38 0.00	51.44 3.36 0.00	48.50 3.29 0.00	70.65 5.32 0.00	44.10 3.50 0.00	53.70 4.28 -2.60	50.75 4.16 0.00	46.91 3.75 0.00	47.51 3.77 -0.01	52.00 3.98 0.00	106.60 7.68 0.00	55.17 3.81 0.00	45.00 3.11 0.00	43.83 3.01 0.00	50.90 3.12 0.00
KIAC_JFK____ 323774	37.68 2.31 0.00	34.55 2.02 0.00	30.92 1.87 0.00	29.07 1.76 0.00	29.26 1.77 0.00	35.12 1.98 0.00	42.61 2.42 0.00	44.76 2.53 0.00	100.32 5.79 0.00	53.83 3.38 0.00	51.44 3.36 0.00	48.50 3.29 0.00	70.66 5.32 0.00	44.10 3.50 0.00	53.70 4.28 -2.60	50.75 4.16 0.00	46.91 3.75 0.00	47.51 3.77 -0.01	51.99 3.99 0.00	106.60 7.68 0.00	55.17 3.81 0.00	45.01 3.11 0.00	43.84 3.01 0.00	50.90 3.12 0.00
KINTIGH_24_KV_GSU 356498	33.80 -1.57 0.00	31.03 -1.50 0.00	27.65 -1.40 0.00	25.99 -1.31 0.00	26.18 -1.31 0.00	31.29 -1.85 0.00	37.86 -2.33 0.00	40.01 -2.19 0.03	89.74 -4.78 0.00	47.54 -2.92 0.00	45.61 -2.47 0.00	42.32 -2.89 0.00	60.83 -4.50 0.00	37.97 -2.63 0.00	43.33 -3.54 -0.05	43.13 -3.45 0.00	39.82 -3.28 0.07	40.82 -2.90 0.00	45.07 -2.94 0.00	93.55 -5.37 0.00	48.79 -2.57 0.00	39.59 -2.26 0.05	33.53 -2.20 5.10	45.91 -1.88 0.00
KINTIGH____ 23543	33.77 -1.59 0.00	30.99 -1.54 0.00	27.64 -1.42 0.00	25.98 -1.33 0.00	26.16 -1.33 0.00	31.27 -1.87 0.00	37.84 -2.35 0.00	40.00 -2.20 0.03	89.67 -4.85 0.00	47.51 -2.94 0.00	45.57 -2.51 0.00	42.29 -2.91 0.00	60.80 -4.53 0.00	37.95 -2.66 0.00	43.31 -3.56 -0.05	43.11 -3.47 0.00	39.79 -3.30 0.07	40.80 -2.92 0.00	45.03 -2.98 0.00	93.46 -5.46 0.00	48.77 -2.59 0.00	39.59 -2.26 0.05	33.52 -2.21 5.10	45.89 -1.90 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.05 -0.32 0.00	32.51 -0.03 0.00	29.15 0.10 0.00	27.42 0.11 0.00	27.65 0.15 0.00	33.49 0.35 0.00	40.80 0.61 0.00	43.03 0.79 0.00	96.01 1.48 0.00	51.28 0.82 0.00	48.61 0.54 0.00	45.92 0.71 0.00	65.76 0.42 0.00	40.91 0.31 0.00	47.10 0.28 0.00	46.86 0.28 0.00	43.56 0.39 0.00	44.15 0.43 0.00	48.41 0.41 0.00	100.08 1.16 0.00	52.06 0.71 0.00	42.55 0.65 0.00	41.22 0.40 0.00	47.93 0.14 0.00
LACHUTE____HYDRO 323717	38.32 2.95 0.00	35.37 2.84 0.00	31.69 2.63 0.00	29.82 2.52 0.00	30.11 2.62 0.00	36.90 3.75 0.00	44.71 4.52 0.00	46.96 4.73 0.00	104.73 10.20 0.00	56.01 5.56 0.00	52.83 4.76 0.00	50.12 4.91 0.00	72.29 6.95 0.00	45.08 4.48 0.00	55.21 5.33 -3.06	51.80 5.21 0.00	48.32 5.16 0.00	49.04 5.31 -0.02	53.50 5.50 0.00	110.22 11.30 0.00	56.57 5.21 0.00	45.89 4.00 0.00	45.14 4.31 0.00	52.82 5.03 0.00
LAWRNCV_115KV_TB1 80681	34.10 -1.27 0.00	31.46 -1.07 0.00	28.08 -0.97 0.00	26.41 -0.90 0.00	26.61 -0.88 0.00	32.21 -0.93 0.00	39.18 -1.00 0.00	41.29 -0.94 0.00	92.05 -2.47 0.00	49.12 -1.34 0.00	46.68 -1.39 0.00	43.83 -1.38 0.00	62.84 -2.50 0.00	39.03 -1.57 0.00	44.97 -1.90 -0.05	44.81 -1.77 0.00	41.66 -1.51 0.00	42.32 -1.40 0.00	46.42 -1.59 0.00	96.01 -2.91 0.00	49.99 -1.37 0.00	40.76 -1.14 0.00	39.45 -1.38 0.00	45.85 -1.93 0.00
LEDERLE____ 23769	37.80 2.43 0.00	34.62 2.09 0.00	30.94 1.89 0.00	29.08 1.77 0.00	29.24 1.75 0.00	35.14 1.99 0.00	42.67 2.48 0.00	44.85 2.62 0.00	100.67 6.15 0.00	53.89 3.44 0.00	51.47 3.40 0.00	48.55 3.34 0.00	70.74 5.40 0.00	44.06 3.46 0.00	53.46 4.09 -2.55	50.55 3.97 0.00	46.83 3.67 0.00	47.58 3.84 -0.01	52.13 4.12 0.00	107.32 8.40 0.00	55.59 4.23 0.00	45.10 3.20 -0.01	44.77 3.07 -0.88	51.11 3.32 0.00
LIGHTHSE_115KV_TB6 355974	34.89 -0.47 0.00	32.07 -0.46 0.00	28.63 -0.43 0.00	26.92 -0.39 0.00	27.12 -0.38 0.00	32.61 -0.54 0.00	39.37 -0.81 0.00	41.34 -0.89 0.00	92.62 -1.90 0.00	49.52 -0.93 0.00	47.24 -0.83 0.00	44.43 -0.78 0.00	64.02 -1.32 0.00	39.78 -0.83 0.00	46.06 -0.99 -0.23	45.63 -0.95 0.00	42.30 -0.86 0.00	42.89 -0.84 0.00	47.19 -0.82 0.00	97.61 -1.31 0.00	50.60 -0.76 0.00	41.07 -0.82 0.00	39.92 -0.90 0.00	46.70 -1.08 0.00
LINDEN COGEN____ 23786	37.66 2.30 0.00	34.50 1.97 0.00	30.86 1.80 0.00	29.04 1.73 0.00	29.20 1.71 0.00	35.04 1.90 0.00	42.56 2.38 0.00	44.77 2.54 0.00	100.52 5.99 0.00	53.84 3.39 0.00	51.46 3.39 0.00	48.55 3.34 0.00	70.73 5.39 0.00	44.04 3.44 0.00	53.49 4.07 -2.60	50.54 3.96 0.00	46.82 3.65 0.00	47.56 3.82 -0.01	52.10 4.09 0.00	107.24 8.32 0.00	55.51 4.16 0.00	45.02 3.13 0.00	43.82 2.99 0.00	50.92 3.14 0.00
LINDHRST_69_KV_BK1 356055	38.39 3.02 -0.01	35.17 2.64 0.00	31.38 2.33 0.00	29.47 2.16 0.00	29.58 2.09 0.00	35.51 2.37 0.00	43.01 2.83 0.00	45.25 3.02 0.00	101.23 6.71 0.00	54.30 3.84 0.00	52.77 3.79 -0.91	50.07 3.95 -0.91	82.40 6.34 -10.73	59.63 3.98 -15.05	54.50 4.67 -3.00	56.51 4.61 -5.31	53.16 4.30 -5.70	48.07 4.33 -0.02	54.44 4.72 -1.71	108.64 9.71 0.00	59.07 4.92 -2.79	45.60 3.70 -0.01	45.33 3.77 -0.73	52.76 4.13 -0.85
LIPA_MISC_IPP 23656	38.02 2.64 -0.01	34.92 2.38 0.00	31.16 2.11 0.00	29.27 1.96 0.00	29.38 1.89 0.00	35.27 2.13 0.00	42.70 2.52 0.00	44.86 2.62 0.00	100.05 5.53 0.00	53.73 3.27 0.00	52.21 3.32 -0.82	49.60 3.57 -0.83	80.76 5.73 -9.70	57.86 3.65 -13.61	54.25 4.46 -2.97	55.74 4.35 -4.81	52.39 4.06 -5.15	47.81 4.07 -0.02	54.01 4.46 -1.54	108.10 9.18 0.00	58.51 4.64 -2.52	45.32 3.41 -0.01	45.04 3.55 -0.66	52.35 3.80 -0.77

LISF___SOLAR 323691	38.06 2.69 -0.01	34.96 2.43 0.00	31.21 2.15 0.00	29.31 2.00 0.00	29.41 1.92 0.00	35.33 2.19 0.00	42.76 2.57 0.00	44.92 2.68 0.00	100.15 5.63 0.00	53.77 3.32 0.00	52.25 3.36 -0.82	49.66 3.63 -0.83	80.89 5.84 -9.71	57.95 3.72 -13.62	54.32 4.53 -2.97	55.81 4.42 -4.81	52.47 4.15 -5.16	47.90 4.16 -0.02	54.12 4.57 -1.54	108.32 9.40 0.00	58.63 4.75 -2.52	45.40 3.49 -0.01	45.11 3.63 -0.66	52.42 3.87 -0.77
LITTLE FALLS___HYD 24013	37.09 1.73 0.00	33.98 1.46 0.00	30.34 1.29 0.00	28.47 1.17 0.00	28.66 1.16 0.00	34.51 1.37 0.00	42.02 1.83 0.00	44.27 2.03 0.00	99.20 4.68 0.00	53.02 2.57 0.00	50.46 2.39 0.00	47.70 2.49 0.00	69.50 4.17 0.00	43.32 2.72 0.00	49.94 3.12 0.00	49.37 2.78 0.00	45.46 2.29 0.00	45.68 1.96 0.00	50.20 2.19 0.00	103.79 4.87 0.00	53.56 2.20 0.00	43.71 1.82 0.00	43.12 2.30 0.00	50.65 2.87 0.00
LITTLRIV_115KV_TB1 356100	34.46 -0.90 0.00	31.77 -0.76 0.00	28.37 -0.69 0.00	26.70 -0.61 0.00	26.89 -0.61 0.00	32.58 -0.56 0.00	39.68 -0.51 0.00	41.81 -0.42 0.00	93.10 -1.42 0.00	49.63 -0.82 0.00	47.16 -0.91 0.00	44.18 -1.03 0.00	63.24 -2.09 0.00	39.24 -1.37 0.00	45.26 -1.62 -0.05	45.10 -1.49 0.00	41.86 -1.30 0.00	42.61 -1.11 0.00	46.86 -1.15 0.00	97.11 -1.81 0.00	50.59 -0.77 0.00	41.25 -0.65 0.00	39.89 -0.94 0.00	46.34 -1.44 0.00
LI_NEWBRDGE___DRP 323616	37.94 2.57 -0.01	34.79 2.25 0.00	31.06 2.00 0.00	29.18 1.87 0.00	29.29 1.80 0.00	35.16 2.02 0.00	42.55 2.37 0.00	44.77 2.54 0.00	100.25 5.72 0.00	53.78 3.33 0.00	52.13 3.29 -0.77	49.36 3.38 -0.78	79.86 5.41 -9.12	56.82 3.42 -12.79	53.86 4.10 -2.94	55.08 3.98 -4.51	51.68 3.67 -4.84	47.49 3.75 -0.02	53.50 4.05 -1.45	107.21 8.29 0.00	57.89 4.17 -2.37	45.01 3.10 -0.01	44.60 3.15 -0.62	51.95 3.44 -0.72
LOCKPORT_115KV_TB60_63_64 80432	33.41 -1.96 0.00	30.53 -2.00 0.00	27.23 -1.83 0.00	25.61 -1.70 0.00	25.83 -1.66 0.00	30.79 -2.35 0.00	37.20 -2.99 0.00	39.42 -2.78 0.03	88.36 -6.16 0.00	46.77 -3.69 0.00	45.02 -3.05 0.00	41.63 -3.58 0.00	59.95 -5.39 0.00	37.47 -3.14 -0.01	42.37 -4.40 0.06	42.31 -4.27 0.00	39.05 -4.02 0.10	40.15 -3.57 0.00	44.32 -3.69 0.00	92.09 -6.83 0.00	48.15 -3.21 0.00	39.10 -2.74 0.05	32.26 -2.58 5.99	45.45 -2.33 0.00
LOCKPORT___CC1 323769	33.41 -1.96 0.00	30.58 -1.95 0.00	27.24 -1.81 0.00	25.62 -1.69 0.00	25.83 -1.66 0.00	30.79 -2.35 0.00	37.19 -3.00 0.00	39.42 -2.78 0.03	88.39 -6.13 0.00	46.76 -3.70 0.00	45.01 -3.06 0.00	41.62 -3.59 0.00	59.91 -5.43 0.00	37.43 -3.18 -0.01	42.31 -4.42 0.09	42.31 -4.27 0.00	39.04 -4.02 0.11	40.15 -3.57 0.00	44.33 -3.68 0.00	92.13 -6.79 0.00	48.15 -3.21 0.00	39.04 -2.80 0.05	32.11 -2.64 6.08	45.44 -2.35 0.00
LOCKPORT___CC2 323770	33.41 -1.96 0.00	30.58 -1.95 0.00	27.24 -1.81 0.00	25.62 -1.69 0.00	25.83 -1.66 0.00	30.79 -2.35 0.00	37.19 -3.00 0.00	39.42 -2.78 0.03	88.39 -6.13 0.00	46.76 -3.70 0.00	45.01 -3.06 0.00	41.62 -3.59 0.00	59.91 -5.43 0.00	37.43 -3.18 -0.01	42.31 -4.42 0.09	42.31 -4.27 0.00	39.04 -4.02 0.11	40.15 -3.57 0.00	44.33 -3.68 0.00	92.13 -6.79 0.00	48.15 -3.21 0.00	39.04 -2.80 0.05	32.11 -2.64 6.08	45.44 -2.35 0.00
LOCKPORT___CC3 323771	33.41 -1.96 0.00	30.58 -1.95 0.00	27.24 -1.81 0.00	25.62 -1.69 0.00	25.83 -1.66 0.00	30.79 -2.35 0.00	37.19 -3.00 0.00	39.42 -2.78 0.03	88.39 -6.13 0.00	46.76 -3.70 0.00	45.01 -3.06 0.00	41.62 -3.59 0.00	59.91 -5.43 0.00	37.43 -3.18 -0.01	42.31 -4.42 0.09	42.31 -4.27 0.00	39.04 -4.02 0.11	40.15 -3.57 0.00	44.33 -3.68 0.00	92.13 -6.79 0.00	48.15 -3.21 0.00	39.04 -2.80 0.05	32.11 -2.64 6.08	45.44 -2.35 0.00
LOCUSVLY_69_KV_BK2 55797	38.23 2.85 -0.01	35.03 2.50 0.00	31.27 2.21 0.00	29.38 2.07 0.00	29.50 2.01 0.00	35.43 2.29 0.00	42.93 2.74 0.00	45.17 2.94 0.00	101.22 6.69 0.00	54.29 3.83 0.00	53.10 3.85 -1.18	50.23 3.83 -1.19	85.38 6.11 -13.93	63.99 3.85 -19.54	54.53 4.58 -3.12	57.93 4.45 -6.90	54.67 4.11 -7.40	47.94 4.20 -0.02	54.77 4.55 -2.21	108.10 9.18 0.00	59.59 4.62 -3.62	45.44 3.53 -0.01	45.32 3.54 -0.95	52.77 3.88 -1.10
LONG_LAKE_PHOENIX 24014	34.56 -0.80 0.00	31.77 -0.76 0.00	28.36 -0.69 0.00	26.67 -0.64 0.00	26.85 -0.64 0.00	32.35 -0.79 0.00	39.20 -0.99 0.00	41.15 -1.08 0.00	92.24 -2.28 0.00	49.24 -1.21 0.00	46.93 -1.15 0.00	44.09 -1.12 0.00	63.66 -1.67 0.00	39.55 -1.05 0.00	45.82 -1.25 -0.25	45.36 -1.23 0.00	41.99 -1.18 0.00	42.55 -1.18 0.00	46.78 -1.23 0.00	96.51 -2.41 0.00	50.10 -1.26 0.00	40.81 -1.08 0.00	39.74 -1.08 0.00	46.60 -1.19 0.00
LOVETT___3 23632	37.58 2.22 0.00	34.44 1.90 0.00	30.78 1.72 0.00	28.93 1.62 0.00	29.09 1.59 0.00	34.95 1.81 0.00	42.42 2.23 0.00	44.58 2.35 0.00	100.03 5.50 0.00	53.54 3.09 0.00	51.13 3.06 0.00	48.23 3.03 0.00	70.26 4.93 0.00	43.76 3.16 0.00	53.14 3.76 -2.56	50.22 3.64 0.00	46.53 3.36 0.00	47.27 3.53 -0.01	51.79 3.78 0.00	106.58 7.66 0.00	55.20 3.84 0.00	44.80 2.90 -0.01	44.50 2.80 -0.87	50.81 3.02 0.00
LOVETT___4 23642	37.58 2.22 0.00	34.44 1.90 0.00	30.78 1.72 0.00	28.93 1.62 0.00	29.09 1.59 0.00	34.95 1.81 0.00	42.42 2.23 0.00	44.58 2.35 0.00	100.03 5.50 0.00	53.54 3.09 0.00	51.13 3.06 0.00	48.23 3.03 0.00	70.26 4.93 0.00	43.76 3.16 0.00	53.14 3.76 -2.56	50.22 3.64 0.00	46.53 3.36 0.00	47.27 3.53 -0.01	51.79 3.78 0.00	106.58 7.66 0.00	55.20 3.84 0.00	44.80 2.90 -0.01	44.50 2.80 -0.87	50.81 3.02 0.00
LOVETT___5 23593	37.58 2.22 0.00	34.44 1.90 0.00	30.78 1.72 0.00	28.93 1.62 0.00	29.09 1.59 0.00	34.95 1.81 0.00	42.42 2.23 0.00	44.58 2.35 0.00	100.03 5.50 0.00	53.54 3.09 0.00	51.13 3.06 0.00	48.23 3.03 0.00	70.26 4.93 0.00	43.76 3.16 0.00	53.14 3.76 -2.56	50.22 3.64 0.00	46.53 3.36 0.00	47.27 3.53 -0.01	51.79 3.78 0.00	106.58 7.66 0.00	55.20 3.84 0.00	44.80 2.90 -0.01	44.50 2.80 -0.87	50.81 3.02 0.00
LOWER RAQUET___HYD 24057	33.84 -1.53 0.00	31.21 -1.32 0.00	27.86 -1.20 0.00	26.20 -1.10 0.00	26.40 -1.10 0.00	31.98 -1.16 0.00	38.89 -1.30 0.00	40.99 -1.24 0.00	91.33 -3.19 0.00	48.74 -1.71 0.00	46.32 -1.76 0.00	43.49 -1.72 0.00	62.32 -3.01 0.00	38.69 -1.91 0.00	44.61 -2.27 -0.06	44.46 -2.13 0.00	41.32 -1.84 0.00	41.99 -1.74 0.00	46.07 -1.94 0.00	95.28 -3.64 0.00	49.62 -1.73 0.00	40.44 -1.46 0.00	39.12 -1.71 0.00	45.45 -2.34 0.00
LOWER___HUDSON 24059	36.90 1.54 0.00	33.90 1.37 0.00	30.28 1.22 0.00	28.45 1.15 0.00	28.62 1.13 0.00	34.53 1.39 0.00	41.83 1.64 0.00	43.97 1.74 0.00	98.39 3.86 0.00	52.60 2.15 0.00	50.01 1.94 0.00	47.21 2.00 0.00	68.46 3.12 0.00	42.51 1.90 0.00	52.21 2.36 -3.03	48.88 2.29 0.00	45.29 2.13 0.00	45.75 2.01 -0.02	50.12 2.11 0.00	103.12 4.21 0.00	53.39 2.03 0.00	43.75 1.86 0.00	42.74 1.92 0.00	50.02 2.23 0.00

LOWVILLE_115KV_TB2 356335	35.41 0.05 0.00	32.56 0.03 0.00	29.03 -0.03 0.00	27.29 -0.02 0.00	27.53 0.04 0.00	33.24 0.09 0.00	40.34 0.16 0.00	42.42 0.18 0.00	94.97 0.45 0.00	50.81 0.36 0.00	48.31 0.23 0.00	45.40 0.19 0.00	65.21 -0.12 0.00	40.36 -0.24 0.00	46.68 -0.27 -0.13	46.46 -0.12 0.00	43.21 0.04 0.00	43.89 0.16 0.00	48.32 0.32 0.00	100.18 1.26 0.00	51.83 0.47 0.00	41.62 -0.27 0.00	40.29 -0.53 0.00	46.50 -1.29 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.37 2.01 0.00	34.34 1.81 0.00	30.67 1.62 0.00	28.84 1.53 0.00	29.03 1.54 0.00	35.10 1.95 0.00	42.59 2.40 0.00	44.77 2.54 0.00	100.22 5.70 0.00	53.55 3.10 0.00	50.92 2.85 0.00	47.99 2.79 0.00	69.56 4.22 0.00	43.20 2.60 0.00	52.98 3.11 -3.05	49.62 3.04 0.00	46.00 2.83 0.00	46.52 2.78 -0.02	50.96 2.95 0.00	104.86 5.94 0.00	54.30 2.94 0.00	44.38 2.48 0.00	43.31 2.48 0.00	50.71 2.92 0.00
LUTHERNY_35_KV_BK2 355980	37.41 2.04 0.00	34.38 1.85 0.00	30.70 1.65 0.00	28.87 1.56 0.00	29.06 1.57 0.00	35.14 2.00 0.00	42.65 2.46 0.00	44.85 2.62 0.00	100.41 5.89 0.00	53.65 3.20 0.00	50.99 2.92 0.00	48.03 2.82 0.00	69.61 4.28 0.00	43.24 2.64 0.00	53.04 3.17 -3.05	49.70 3.11 0.00	46.06 2.89 0.00	46.59 2.85 -0.02	51.01 3.00 0.00	104.96 6.04 0.00	54.39 3.04 0.00	44.44 2.55 0.00	43.35 2.52 0.00	50.78 2.99 0.00
LWR__OSWEGATCHIE_HYD 23850	34.26 -1.10 0.00	31.55 -0.98 0.00	28.13 -0.93 0.00	26.46 -0.85 0.00	26.68 -0.81 0.00	32.25 -0.89 0.00	39.13 -1.06 0.00	41.18 -1.05 0.00	92.00 -2.53 0.00	49.17 -1.29 0.00	46.73 -1.34 0.00	43.91 -1.30 0.00	63.01 -2.33 0.00	39.04 -1.56 0.00	45.08 -1.84 -0.10	44.94 -1.65 0.00	41.77 -1.40 0.00	42.45 -1.27 0.00	46.65 -1.36 0.00	96.49 -2.43 0.00	50.08 -1.28 0.00	40.51 -1.38 0.00	39.21 -1.61 0.00	45.40 -2.39 0.00
LYONS_FALL_HYD 23570	35.74 0.38 0.00	32.85 0.32 0.00	29.29 0.23 0.00	27.53 0.22 0.00	27.76 0.26 0.00	33.54 0.39 0.00	40.77 0.58 0.00	42.85 0.62 0.00	96.05 1.53 0.00	51.36 0.90 0.00	48.85 0.77 0.00	45.93 0.72 0.00	66.02 0.68 0.00	40.93 0.32 0.00	47.33 0.38 -0.13	47.06 0.47 0.00	43.71 0.55 0.00	44.38 0.65 0.00	48.84 0.83 0.00	101.09 2.17 0.00	52.33 0.98 0.00	42.18 0.29 0.00	40.91 0.08 0.00	47.39 -0.39 0.00
MADISON__COUNTY_LFGE 323628	36.28 0.92 0.00	33.32 0.79 0.00	29.74 0.68 0.00	27.94 0.64 0.00	28.14 0.65 0.00	33.98 0.84 0.00	41.37 1.18 0.00	43.49 1.26 0.00	97.63 3.10 0.00	52.14 1.68 0.00	49.63 1.56 0.00	46.68 1.47 0.00	67.27 1.93 0.00	41.79 1.19 0.00	48.33 1.32 -0.19	47.90 1.32 0.00	44.42 1.25 0.00	45.05 1.33 0.00	49.57 1.56 0.00	102.36 3.44 0.00	53.05 1.69 0.00	43.06 1.17 0.00	41.89 1.06 0.00	48.95 1.16 0.00
MALONE__115KV_TB1 356076	34.86 -0.50 0.00	32.31 -0.22 0.00	28.93 -0.13 0.00	27.21 -0.10 0.00	27.41 -0.08 0.00	33.18 0.04 0.00	40.47 0.29 0.00	42.75 0.52 0.00	95.51 0.99 0.00	50.99 0.53 0.00	48.49 0.42 0.00	45.65 0.45 0.00	65.48 0.14 0.00	40.75 0.14 0.00	46.78 -0.04 0.00	46.63 0.05 0.00	43.38 0.21 0.00	44.00 0.27 0.00	48.19 0.18 0.00	99.58 0.66 0.00	51.83 0.47 0.00	42.32 0.43 0.00	40.90 0.07 0.00	47.56 -0.22 0.00
MAPLEWOD_115KV_TB3 80458	36.75 1.39 0.00	33.77 1.25 0.00	30.16 1.11 0.00	28.35 1.05 0.00	28.53 1.04 0.00	34.38 1.24 0.00	41.66 1.48 0.00	43.80 1.57 0.00	98.07 3.54 0.00	52.43 1.97 0.00	49.90 1.83 0.00	47.04 1.83 0.00	68.24 2.90 0.00	42.40 1.80 0.00	52.00 2.17 -3.01	48.72 2.13 0.00	45.16 1.99 0.00	45.62 1.88 -0.02	49.98 1.97 0.00	102.76 3.84 0.00	53.23 1.87 0.00	43.53 1.63 0.00	42.52 1.70 0.00	49.86 2.08 0.00
MAPLE_RIDGE_WT_1 323574	35.26 -0.10 0.00	32.46 -0.07 0.00	29.00 -0.05 0.00	27.26 -0.05 0.00	27.44 -0.06 0.00	33.08 -0.07 0.00	40.12 -0.07 0.00	42.12 -0.11 0.00	94.32 -0.21 0.00	50.40 -0.06 0.00	48.03 -0.05 0.00	45.16 -0.05 0.00	65.19 -0.14 0.00	40.51 -0.10 0.00	46.72 -0.10 0.00	46.49 -0.09 0.00	43.10 -0.07 0.00	43.68 -0.04 0.00	47.93 -0.09 0.00	98.81 -0.11 0.00	51.26 -0.09 0.00	41.70 -0.19 0.00	40.58 -0.25 0.00	47.29 -0.49 0.00
MAPLE_RIDGE_WT_2 323611	35.26 -0.10 0.00	32.46 -0.07 0.00	29.00 -0.05 0.00	27.26 -0.05 0.00	27.44 -0.06 0.00	33.08 -0.07 0.00	40.12 -0.07 0.00	42.12 -0.11 0.00	94.32 -0.21 0.00	50.40 -0.06 0.00	48.03 -0.05 0.00	45.16 -0.05 0.00	65.19 -0.14 0.00	40.51 -0.10 0.00	46.72 -0.10 0.00	46.49 -0.09 0.00	43.10 -0.07 0.00	43.68 -0.04 0.00	47.93 -0.09 0.00	98.81 -0.11 0.00	51.26 -0.09 0.00	41.70 -0.19 0.00	40.58 -0.25 0.00	47.29 -0.49 0.00
MARBLE_RIVER_WT_PWR 323696	34.68 -0.68 0.00	32.18 -0.36 0.00	28.84 -0.22 0.00	27.12 -0.19 0.00	27.32 -0.17 0.00	33.05 -0.09 0.00	40.22 0.04 0.00	42.39 0.16 0.00	94.70 0.18 0.00	50.51 0.06 0.00	48.06 -0.02 0.00	45.21 0.00 0.00	64.98 -0.36 0.00	40.38 -0.22 0.00	46.50 -0.32 0.00	46.28 -0.30 0.00	42.98 -0.19 0.00	43.59 -0.14 0.00	47.82 -0.19 0.00	98.66 -0.26 0.00	51.31 -0.05 0.00	41.90 0.00 0.00	40.60 -0.23 0.00	47.32 -0.46 0.00
MARSHVLE_115KV_TB1 80742	37.03 1.66 0.00	34.01 1.48 0.00	30.27 1.21 0.00	28.43 1.12 0.00	28.67 1.17 0.00	34.69 1.55 0.00	42.59 2.40 0.00	44.89 2.66 0.00	100.43 5.90 0.00	53.55 3.10 0.00	50.99 2.91 0.00	47.53 2.32 0.00	67.98 2.65 0.00	42.12 1.52 0.00	51.65 1.75 -3.08	48.27 1.68 0.00	44.58 1.41 0.00	45.28 1.54 -0.02	50.01 2.00 0.00	103.21 4.29 0.00	53.88 2.52 0.00	43.79 1.90 0.00	42.73 1.91 0.00	49.76 1.97 0.00
MARSH_HILL_WT_PWR 323713	35.05 -0.31 0.00	32.00 -0.53 0.00	28.51 -0.55 0.00	26.86 -0.45 0.00	26.95 -0.54 0.00	31.88 -1.26 0.00	38.46 -1.72 0.00	40.36 -1.80 0.07	92.59 -1.94 0.00	49.25 -1.21 0.00	47.32 -0.76 0.00	43.81 -1.40 0.00	63.36 -1.98 0.00	39.92 -0.69 0.00	47.59 -1.74 -2.51	44.74 -1.85 0.00	42.14 -1.50 -0.47	42.52 -1.22 -0.02	47.17 -0.85 -0.01	98.43 -0.49 0.00	50.72 -0.63 0.00	40.36 -1.44 0.09	29.23 -1.02 10.58	47.72 -0.06 0.00
MCINTYRE_115KV_TB2 80467	35.07 -0.29 0.00	32.33 -0.20 0.00	28.88 -0.18 0.00	27.17 -0.14 0.00	27.37 -0.12 0.00	33.18 0.04 0.00	40.44 0.25 0.00	42.61 0.38 0.00	94.77 0.25 0.00	50.50 0.04 0.00	47.98 -0.09 0.00	44.88 -0.33 0.00	64.21 -1.13 0.00	39.81 -0.79 0.00	45.94 -0.93 -0.05	45.78 -0.80 0.00	42.48 -0.68 0.00	43.26 -0.46 0.00	47.65 -0.36 0.00	98.86 -0.06 0.00	51.53 0.17 0.00	42.05 0.15 0.00	40.63 -0.19 0.00	47.25 -0.54 0.00
MECO____69_KV_BK1 80468	37.41 2.05 0.00	34.34 1.81 0.00	30.61 1.55 0.00	28.76 1.45 0.00	29.00 1.51 0.00	35.07 1.93 0.00	42.94 2.76 0.00	45.27 3.04 0.00	101.31 6.79 0.00	54.05 3.60 0.00	51.47 3.39 0.00	48.07 2.87 0.00	69.18 3.84 0.00	42.86 2.26 0.00	52.52 2.62 -3.08	49.15 2.57 0.00	45.51 2.35 0.00	46.28 2.54 -0.02	51.04 3.03 0.00	105.12 6.20 0.00	54.71 3.36 0.00	44.49 2.59 0.00	43.33 2.50 0.00	50.49 2.70 0.00

MENANDS__115KV_TB5 355628	36.59 1.22 0.00	33.63 1.11 0.00	30.05 0.99 0.00	28.24 0.94 0.00	28.42 0.93 0.00	34.24 1.10 0.00	41.48 1.29 0.00	43.58 1.35 0.00	97.56 3.03 0.00	52.16 1.71 0.00	49.65 1.58 0.00	46.81 1.61 0.00	67.92 2.58 0.00	42.21 1.60 0.00	51.77 1.94 -3.01	48.49 1.91 0.00	44.94 1.78 0.00	45.40 1.66 -0.02	49.72 1.72 0.00	102.22 3.30 0.00	52.93 1.58 0.00	43.30 1.41 0.00	42.33 1.50 0.00	49.67 1.89 0.00
MG INDUSTRY__DRP 24185	36.53 1.17 0.00	33.58 1.06 0.00	29.99 0.94 0.00	28.20 0.89 0.00	28.40 0.91 0.00	34.22 1.07 0.00	41.45 1.27 0.00	43.53 1.30 0.00	97.24 2.72 0.00	51.88 1.43 0.00	49.42 1.35 0.00	46.56 1.36 0.00	67.56 2.23 0.00	41.97 1.36 0.00	51.43 1.64 -2.97	48.20 1.61 0.00	44.69 1.53 0.00	45.26 1.52 -0.02	49.64 1.63 0.00	102.07 3.15 0.00	52.87 1.52 0.00	43.19 1.30 0.00	42.21 1.39 0.00	49.53 1.75 0.00
MID__OSWEGATCHIE_HYD 23849	34.26 -1.10 0.00	31.55 -0.98 0.00	28.13 -0.93 0.00	26.46 -0.85 0.00	26.68 -0.81 0.00	32.25 -0.89 0.00	39.13 -1.06 0.00	41.18 -1.05 0.00	92.00 -2.53 0.00	49.17 -1.29 0.00	46.73 -1.34 0.00	43.91 -1.30 0.00	63.01 -2.33 0.00	39.04 -1.56 0.00	45.08 -1.84 -0.10	44.94 -1.65 0.00	41.77 -1.40 0.00	42.45 -1.27 0.00	46.65 -1.36 0.00	96.49 -2.43 0.00	50.08 -1.28 0.00	40.51 -1.38 0.00	39.21 -1.61 0.00	45.40 -2.39 0.00
MID__RAQUETTE_HYD 23851	33.84 -1.53 0.00	31.21 -1.32 0.00	27.86 -1.20 0.00	26.20 -1.10 0.00	26.40 -1.10 0.00	31.98 -1.16 0.00	38.89 -1.30 0.00	40.99 -1.24 0.00	91.35 -3.18 0.00	48.74 -1.71 0.00	46.32 -1.76 0.00	43.49 -1.72 0.00	62.32 -3.02 0.00	38.69 -1.91 0.00	44.61 -2.27 -0.06	44.45 -2.13 0.00	41.32 -1.84 0.00	41.99 -1.74 0.00	46.07 -1.94 0.00	95.28 -3.64 0.00	49.62 -1.73 0.00	40.44 -1.45 0.00	39.11 -1.71 0.00	45.43 -2.36 0.00
MILLIKEN__1 23584	36.03 0.67 0.00	33.09 0.55 0.00	29.56 0.50 0.00	27.75 0.44 0.00	27.96 0.47 0.00	33.75 0.61 0.00	41.06 0.87 0.00	43.32 1.02 -0.07	96.89 2.36 0.00	51.72 1.26 0.00	49.19 1.11 0.00	46.23 1.02 0.00	66.64 1.31 0.00	41.48 0.88 0.00	48.41 0.85 -0.75	47.41 0.83 0.00	43.93 0.73 -0.04	44.51 0.78 0.00	49.08 1.07 0.00	101.55 2.63 0.00	52.74 1.38 0.00	42.83 0.96 0.02	39.43 0.91 2.30	49.04 1.25 0.00
MILLIKEN__2 23585	36.03 0.67 0.00	33.09 0.55 0.00	29.56 0.50 0.00	27.75 0.44 0.00	27.96 0.47 0.00	33.75 0.61 0.00	41.06 0.87 0.00	43.32 1.02 -0.07	96.89 2.36 0.00	51.72 1.26 0.00	49.19 1.11 0.00	46.23 1.02 0.00	66.64 1.31 0.00	41.48 0.88 0.00	48.41 0.85 -0.75	47.41 0.83 0.00	43.93 0.73 -0.04	44.51 0.78 0.00	49.08 1.07 0.00	101.55 2.63 0.00	52.74 1.38 0.00	42.83 0.96 0.02	39.43 0.91 2.30	49.04 1.25 0.00
MILLIKEN__DIESEL 23629	36.03 0.67 0.00	33.09 0.55 0.00	29.56 0.50 0.00	27.75 0.44 0.00	27.96 0.47 0.00	33.75 0.61 0.00	41.06 0.87 0.00	43.32 1.02 -0.07	96.89 2.36 0.00	51.72 1.26 0.00	49.19 1.11 0.00	46.23 1.02 0.00	66.64 1.31 0.00	41.48 0.88 0.00	48.41 0.85 -0.75	47.41 0.83 0.00	43.93 0.73 -0.04	44.51 0.78 0.00	49.08 1.07 0.00	101.55 2.63 0.00	52.74 1.38 0.00	42.83 0.96 0.02	39.43 0.91 2.30	49.04 1.25 0.00
MILLSEAT__LFGE 323607	34.12 -1.24 0.00	31.21 -1.32 0.00	27.81 -1.25 0.00	26.16 -1.15 0.00	26.39 -1.10 0.00	31.56 -1.59 0.00	38.25 -1.94 0.00	40.59 -1.61 0.03	90.95 -3.57 0.00	48.13 -2.33 0.00	46.26 -1.82 0.00	42.70 -2.50 0.00	61.48 -3.86 0.00	38.46 -2.15 -0.01	43.58 -3.25 0.00	43.35 -3.24 0.00	40.09 -2.99 0.08	41.34 -2.38 0.00	45.63 -2.37 0.00	94.88 -4.03 0.00	49.54 -1.81 0.00	40.15 -1.70 0.05	33.56 -1.64 5.62	46.49 -1.30 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.63 2.26 0.00	34.48 1.95 0.00	30.82 1.77 0.00	28.97 1.67 0.00	29.14 1.64 0.00	35.01 1.87 0.00	42.49 2.30 0.00	44.67 2.43 0.00	100.23 5.71 0.00	53.66 3.21 0.00	51.24 3.17 0.00	48.35 3.14 0.00	70.42 5.08 0.00	43.85 3.25 0.00	53.29 3.87 -2.59	50.34 3.75 0.00	46.63 3.47 0.00	47.36 3.62 -0.01	51.88 3.87 0.00	106.75 7.83 0.00	55.27 3.92 0.00	44.87 2.98 0.00	43.72 2.90 0.00	50.89 3.10 0.00
MILLWOOD_13_KV_LOAD 356217	37.69 2.33 0.00	34.55 2.02 0.00	30.87 1.82 0.00	29.02 1.72 0.00	29.18 1.69 0.00	35.06 1.92 0.00	42.57 2.38 0.00	44.74 2.51 0.00	100.40 5.88 0.00	53.75 3.30 0.00	51.34 3.26 0.00	48.45 3.24 0.00	70.56 5.22 0.00	43.94 3.33 0.00	53.38 3.97 -2.59	50.43 3.85 0.00	46.73 3.56 0.00	47.45 3.71 -0.01	52.00 3.99 0.00	106.97 8.05 0.00	55.38 4.03 0.00	44.97 3.07 0.00	43.78 2.96 0.00	50.98 3.19 0.00
MODEL_CITY_ENERGY 24167	33.04 -2.33 0.00	30.20 -2.34 0.00	26.91 -2.15 0.00	25.31 -2.00 0.00	25.55 -1.95 0.00	30.43 -2.71 0.00	36.72 -3.46 0.00	38.92 -3.28 0.03	87.19 -7.34 0.00	46.14 -4.31 0.00	44.47 -3.60 0.00	41.13 -4.08 0.00	59.31 -6.03 0.00	37.03 -3.58 -0.01	41.83 -4.92 0.08	41.84 -4.75 0.00	38.58 -4.48 0.10	39.66 -4.06 0.00	43.78 -4.23 0.00	90.94 -7.98 0.00	47.52 -3.84 0.00	38.57 -3.27 0.06	31.60 -3.05 6.17	44.94 -2.85 0.00
MODERN_LFGE__ 323580	33.04 -2.33 0.00	30.20 -2.34 0.00	26.91 -2.15 0.00	25.31 -2.00 0.00	25.55 -1.95 0.00	30.43 -2.71 0.00	36.72 -3.46 0.00	38.92 -3.28 0.03	87.19 -7.34 0.00	46.14 -4.31 0.00	44.47 -3.60 0.00	41.13 -4.08 0.00	59.31 -6.03 0.00	37.03 -3.58 -0.01	41.83 -4.92 0.08	41.84 -4.75 0.00	38.58 -4.48 0.10	39.66 -4.06 0.00	43.78 -4.23 0.00	90.94 -7.98 0.00	47.52 -3.84 0.00	38.57 -3.27 0.06	31.60 -3.05 6.17	44.94 -2.85 0.00
MOHAWK_PAPER__DRP 24187	36.75 1.39 0.00	33.77 1.25 0.00	30.16 1.11 0.00	28.35 1.05 0.00	28.53 1.04 0.00	34.38 1.24 0.00	41.66 1.48 0.00	43.80 1.57 0.00	98.07 3.54 0.00	52.43 1.97 0.00	49.90 1.83 0.00	47.04 1.83 0.00	68.24 2.90 0.00	42.40 1.80 0.00	52.00 2.17 -3.01	48.72 2.13 0.00	45.16 1.99 0.00	45.62 1.88 -0.02	49.98 1.97 0.00	102.76 3.84 0.00	53.23 1.87 0.00	43.53 1.63 0.00	42.52 1.70 0.00	49.86 2.08 0.00
MOHICAN__35_KV_115KV_LD 80490	37.65 2.28 0.00	34.61 2.08 0.00	30.95 1.90 0.00	29.11 1.80 0.00	29.34 1.85 0.00	35.59 2.45 0.00	43.20 3.02 0.00	45.44 3.21 0.00	101.72 7.20 0.00	54.37 3.92 0.00	51.62 3.55 0.00	48.72 3.51 0.00	70.53 5.19 0.00	43.84 3.24 0.00	53.72 3.84 -3.06	50.26 3.67 0.00	46.64 3.47 0.00	47.19 3.45 -0.02	51.63 3.62 0.00	106.25 7.33 0.00	54.89 3.54 0.00	44.83 2.94 0.00	43.81 2.99 0.00	51.29 3.51 0.00
MONGAUP__HYD 23641	37.45 2.09 0.00	34.29 1.76 0.00	30.71 1.65 0.00	28.77 1.46 0.00	28.96 1.47 0.00	35.06 1.91 0.00	42.53 2.34 0.00	44.73 2.50 0.00	100.32 5.80 0.00	53.57 3.11 0.00	51.14 3.06 0.00	48.16 2.96 0.00	70.11 4.77 0.00	43.68 3.07 0.00	52.91 3.61 -2.48	49.86 3.28 0.00	46.24 3.08 0.00	47.09 3.35 -0.01	51.40 3.38 0.00	106.03 7.11 0.00	55.05 3.69 0.00	44.72 2.81 -0.01	44.44 2.67 -0.94	50.61 2.82 0.00

MONTAUK___DIESEL 23721	37.02 1.65 -0.01	33.94 1.40 0.00	30.28 1.23 0.00	28.45 1.14 0.00	28.58 1.09 0.00	34.37 1.22 0.00	41.65 1.46 0.00	43.68 1.45 0.00	97.32 2.79 0.00	52.20 1.75 0.00	50.94 2.05 -0.82	48.52 2.48 -0.83	78.64 3.61 -9.71	56.97 2.75 -13.61	53.43 3.64 -2.97	54.99 3.60 -4.81	51.66 3.34 -5.16	47.21 3.47 -0.02	53.37 3.82 -1.54	106.78 7.86 0.00	57.79 3.91 -2.52	44.57 2.66 -0.01	44.15 2.66 -0.66	51.13 2.58 -0.77
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.14 -0.23 0.00	32.18 -0.35 0.00	28.82 -0.23 0.00	27.04 -0.27 0.00	27.21 -0.28 0.00	32.33 -0.81 0.00	39.26 -0.92 0.00	41.60 -0.59 0.04	93.96 -0.56 0.00	49.67 -0.79 0.00	47.55 -0.52 0.00	44.18 -1.03 0.00	63.61 -1.72 0.00	39.74 -0.87 0.00	44.79 -2.02 0.01	43.92 -2.67 0.00	40.49 -2.58 0.10	41.81 -1.92 0.00	47.04 -0.96 0.00	98.54 -0.38 0.00	51.21 -0.15 0.00	41.14 -0.68 0.07	32.29 -0.69 7.84	48.27 0.48 0.00
MORRIS_RIDGE___SOLAR 323848	34.45 -0.91 0.00	31.50 -1.03 0.00	28.12 -0.93 0.00	26.46 -0.85 0.00	26.61 -0.88 0.00	31.63 -1.51 0.00	38.22 -1.97 0.00	40.05 -2.13 0.05	90.73 -3.80 0.00	48.22 -2.23 0.00	46.34 -1.73 0.00	42.86 -2.35 0.00	61.97 -3.37 0.00	38.96 -1.64 0.00	41.73 -2.70 2.39	43.80 -2.78 0.00	40.01 -2.49 0.67	41.46 -2.25 0.02	45.88 -2.12 0.01	95.87 -3.04 0.00	49.84 -1.52 0.00	39.98 -1.83 0.09	29.28 -1.60 9.95	47.10 -0.69 0.00
MORTIMER_115KV_TB3 55949	34.49 -0.88 0.00	31.63 -0.90 0.00	28.20 -0.85 0.00	26.51 -0.80 0.00	26.71 -0.78 0.00	32.05 -1.09 0.00	38.88 -1.31 0.00	41.12 -1.09 0.02	92.16 -2.36 0.00	48.99 -1.46 0.00	46.97 -1.10 0.00	43.69 -1.52 0.00	62.84 -2.50 0.00	39.21 -1.39 0.00	45.12 -2.03 -0.32	44.60 -1.98 0.00	41.31 -1.86 0.00	42.21 -1.51 0.00	46.58 -1.43 0.00	96.37 -2.54 0.00	50.16 -1.20 0.00	40.73 -1.13 0.04	35.53 -1.20 4.10	46.84 -0.95 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.81 2.44 0.00	34.65 2.12 0.00	30.98 1.93 0.00	29.15 1.85 0.00	29.32 1.82 0.00	35.17 2.03 0.00	42.70 2.51 0.00	44.91 2.68 0.00	100.81 6.28 0.00	54.01 3.56 0.00	51.61 3.53 0.00	48.69 3.49 0.00	70.92 5.58 0.00	44.16 3.55 0.00	53.63 4.21 -2.60	50.67 4.08 0.00	46.94 3.78 0.00	47.66 3.92 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.62 4.26 0.00	45.14 3.25 0.00	43.97 3.14 0.00	51.12 3.34 0.00
MUNSVILLE_WIND_PWR 323609	38.08 2.72 0.00	34.89 2.36 0.00	31.07 2.01 0.00	28.88 1.57 0.00	29.13 1.64 0.00	35.50 2.36 0.00	43.67 3.49 0.00	46.25 3.98 -0.04	103.91 9.39 0.00	55.60 5.14 0.00	52.26 4.19 0.00	49.04 3.83 0.00	70.56 5.22 0.00	43.97 3.36 0.00	51.66 3.66 -1.18	50.06 3.48 0.00	46.18 2.99 -0.02	46.87 3.15 0.00	51.73 3.72 0.00	108.32 9.40 0.00	56.51 5.15 0.00	45.66 3.75 -0.01	46.02 3.60 -1.60	51.92 4.14 0.00
N SALMON___HYD 24042	34.86 -0.50 0.00	32.31 -0.22 0.00	28.93 -0.13 0.00	27.21 -0.10 0.00	27.41 -0.08 0.00	33.18 0.04 0.00	40.47 0.29 0.00	42.75 0.52 0.00	95.50 0.98 0.00	50.99 0.53 0.00	48.49 0.42 0.00	45.65 0.45 0.00	65.48 0.15 0.00	40.75 0.15 0.00	46.78 -0.04 0.00	46.63 0.05 0.00	43.38 0.21 0.00	44.00 0.27 0.00	48.19 0.18 0.00	99.58 0.66 0.00	51.83 0.47 0.00	42.33 0.43 0.00	40.90 0.07 0.00	47.57 -0.22 0.00
N.AKRON__115KV_KNAPP 355671	33.95 -1.41 0.00	31.03 -1.50 0.00	27.67 -1.39 0.00	26.03 -1.28 0.00	26.26 -1.23 0.00	31.37 -1.77 0.00	37.99 -2.20 0.00	40.29 -1.91 0.03	90.30 -4.23 0.00	47.80 -2.65 0.00	45.95 -2.12 0.00	42.45 -2.76 0.00	61.13 -4.21 0.00	38.22 -2.39 -0.01	43.29 -3.52 0.02	43.10 -3.48 0.00	39.85 -3.23 0.09	41.03 -2.70 0.00	45.30 -2.71 0.00	94.13 -4.78 0.00	49.19 -2.17 0.00	39.92 -1.93 0.05	33.21 -1.85 5.77	46.26 -1.53 0.00
N.BELMOR_69_KV_BK1 55787	38.23 2.85 -0.01	35.02 2.49 0.00	31.24 2.19 0.00	29.35 2.05 0.00	29.47 1.98 0.00	35.38 2.24 0.00	42.84 2.65 0.00	45.08 2.84 0.00	100.94 6.41 0.00	54.14 3.69 0.00	52.84 3.67 -1.10	50.06 3.74 -1.11	84.29 5.90 -13.05	62.65 3.75 -18.30	54.37 4.46 -3.09	57.34 4.29 -6.46	54.07 3.98 -6.93	47.83 4.09 -0.02	54.54 4.45 -2.07	108.09 9.17 0.00	59.37 4.62 -3.39	45.38 3.47 -0.01	45.23 3.51 -0.89	52.68 3.86 -1.03
N.E._GEN_SANDY PD 24062	55.84 1.68 -18.79	58.89 1.51 -24.85	68.00 1.35 -37.59	45.30 1.28 -16.71	47.84 1.27 -19.08	37.01 1.51 -2.36	41.93 1.74 0.00	44.03 1.80 0.00	98.34 4.01 0.19	52.69 2.24 0.00	50.08 2.01 0.00	47.43 2.10 -0.12	70.46 3.46 -1.66	42.71 2.11 0.00	52.44 2.67 -2.95	50.59 2.57 -1.44	45.56 2.40 0.00	45.19 2.30 0.83	50.44 2.43 0.00	103.66 4.74 0.00	51.54 2.25 2.06	47.15 2.07 -3.19	46.58 2.15 -3.60	50.16 2.38 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.68 2.32 0.00	34.52 1.99 0.00	30.85 1.80 0.00	28.99 1.68 0.00	29.16 1.67 0.00	35.03 1.89 0.00	42.53 2.34 0.00	44.69 2.45 0.00	100.29 5.76 0.00	53.69 3.24 0.00	51.27 3.20 0.00	48.36 3.15 0.00	70.46 5.12 0.00	43.89 3.29 0.00	53.28 3.90 -2.55	50.36 3.77 0.00	46.66 3.49 0.00	47.41 3.67 -0.01	51.93 3.92 0.00	106.90 7.98 0.00	55.37 4.01 0.00	44.93 3.03 -0.01	44.60 2.90 -0.87	50.94 3.15 0.00
N.QUEENS_27_KV_LOAD 356247	37.84 2.48 0.00	34.72 2.19 0.00	31.03 1.98 0.00	29.15 1.84 0.00	29.32 1.83 0.00	35.17 2.03 0.00	42.61 2.43 0.00	44.86 2.63 0.00	100.60 6.07 0.00	53.93 3.48 0.00	51.56 3.49 0.00	48.63 3.42 0.00	70.76 5.43 0.00	44.13 3.52 0.00	53.62 4.20 -2.60	50.65 4.07 0.00	46.94 3.77 0.00	47.63 3.89 -0.01	52.15 4.14 0.00	107.13 8.22 0.01	55.43 4.07 0.01	45.07 3.18 0.00	43.97 3.15 0.00	51.01 3.23 0.00
N.TROY___115KV_TB1 355778	36.90 1.54 0.00	33.90 1.37 0.00	30.28 1.22 0.00	28.45 1.15 0.00	28.62 1.13 0.00	34.53 1.39 0.00	41.83 1.64 0.00	43.97 1.73 0.00	98.39 3.86 0.00	52.60 2.14 0.00	50.01 1.93 0.00	47.21 2.00 0.00	68.46 3.12 0.00	42.51 1.90 0.00	52.21 2.36 -3.03	48.88 2.29 0.00	45.29 2.13 0.00	45.75 2.01 -0.02	50.12 2.11 0.00	103.12 4.21 0.00	53.39 2.03 0.00	43.75 1.85 0.00	42.75 1.92 0.00	50.02 2.23 0.00
NARROWS_GT1_1 24228	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT1_2 24229	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00

NARROWS_GT1_3 24230	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT1_4 24231	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT1_5 24232	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT1_6 24233	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT1_7 24234	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT1_8 24235	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT2_1 24236	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT2_2 24237	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT2_3 24238	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT2_4 24239	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT2_5 24240	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT2_6 24241	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT2_7 24242	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NARROWS_GT2_8 24243	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.99 1.63 0.00	33.97 1.44 0.00	30.33 1.28 0.00	28.52 1.21 0.00	28.71 1.22 0.00	34.63 1.49 0.00	42.03 1.85 0.00	44.25 2.02 0.00	98.92 4.40 0.00	52.59 2.13 0.00	50.28 2.20 0.00	47.36 2.16 0.00	68.79 3.45 0.00	42.70 2.10 0.00	52.20 2.45 -2.90	49.03 2.45 0.00	45.49 2.33 0.00	46.13 2.39 -0.02	50.64 2.63 0.00	104.05 5.13 0.00	53.88 2.53 0.00	43.94 2.05 0.00	42.87 2.05 0.00	50.30 2.51 0.00

NCHELSEA_115KV_TR2 355582	37.80 2.43 0.00	34.63 2.09 0.00	30.93 1.88 0.00	29.08 1.77 0.00	29.24 1.75 0.00	35.19 2.05 0.00	42.72 2.54 0.00	44.93 2.69 0.00	100.81 6.29 0.00	53.96 3.51 0.00	51.51 3.43 0.00	48.60 3.39 0.00	70.74 5.40 0.00	44.03 3.42 0.00	53.52 4.08 -2.62	50.52 3.94 0.00	46.82 3.66 0.00	47.55 3.81 -0.01	52.14 4.13 0.00	107.32 8.40 0.00	55.58 4.22 0.00	45.12 3.23 0.00	43.93 3.11 0.00	51.13 3.35 0.00
NEG CAPITAL___MECHNVIL 23645	37.44 2.07 0.00	34.38 1.85 0.00	30.71 1.66 0.00	28.87 1.56 0.00	29.06 1.57 0.00	35.13 1.98 0.00	42.62 2.43 0.00	44.82 2.59 0.00	100.34 5.81 0.00	53.61 3.16 0.00	50.99 2.92 0.00	48.07 2.86 0.00	69.70 4.36 0.00	43.28 2.68 0.00	53.07 3.20 -3.05	49.71 3.13 0.00	46.11 2.94 0.00	46.60 2.86 -0.02	51.05 3.04 0.00	105.06 6.14 0.00	54.38 3.02 0.00	44.46 2.56 0.00	43.39 2.56 0.00	50.77 2.98 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.08 -1.29 0.00	31.29 -1.25 0.00	27.89 -1.17 0.00	26.22 -1.09 0.00	26.42 -1.07 0.00	31.76 -1.38 0.00	38.56 -1.63 0.00	40.70 -1.52 0.02	91.32 -3.20 0.00	48.60 -1.85 0.00	46.46 -1.62 0.00	43.31 -1.90 0.00	62.35 -2.99 0.00	38.88 -1.73 0.00	44.84 -2.30 -0.32	44.29 -2.30 0.00	40.98 -2.19 0.00	41.77 -1.96 0.00	46.06 -1.95 0.00	95.33 -3.58 0.00	49.61 -1.74 0.00	40.26 -1.60 0.03	35.71 -1.64 3.47	46.22 -1.56 0.00
NEG CENTRAL___DRP 24199	35.21 -0.16 0.00	32.32 -0.21 0.00	28.89 -0.17 0.00	27.15 -0.16 0.00	27.36 -0.13 0.00	32.92 -0.23 0.00	40.03 -0.15 0.00	42.09 -0.12 0.02	94.43 -0.10 0.00	50.35 -0.10 0.00	48.02 -0.06 0.00	44.89 -0.32 0.00	64.59 -0.74 0.00	40.36 -0.24 0.00	46.90 -0.48 -0.55	46.03 -0.55 0.00	42.68 -0.53 -0.05	43.34 -0.39 0.00	47.84 -0.17 0.00	98.85 -0.07 0.00	51.39 0.03 0.00	41.67 -0.20 0.03	36.88 -0.21 3.73	48.01 0.22 0.00
NEG CENTRAL___INDECK 23768	35.72 0.36 0.00	32.65 0.12 0.00	29.08 0.03 0.00	27.38 0.07 0.00	27.58 0.09 0.00	32.98 -0.16 0.00	40.08 -0.11 0.00	42.26 0.08 0.05	95.42 0.90 0.00	50.65 0.19 0.00	48.50 0.43 0.00	44.83 -0.38 0.00	64.60 -0.73 0.00	40.56 -0.05 -0.49	48.46 -0.86 -2.49	45.66 -0.93 0.00	42.88 -0.77 -0.48	43.39 -0.35 -0.02	48.21 0.19 -0.01	100.45 1.53 0.00	52.28 0.93 0.00	42.02 0.19 0.07	33.05 0.20 7.98	48.72 0.93 0.00
NEG CENTRAL___SENECA 23627	35.16 -0.20 0.00	32.25 -0.28 0.00	28.85 -0.20 0.00	27.12 -0.19 0.00	27.33 -0.16 0.00	32.80 -0.33 0.00	39.95 -0.24 0.00	42.02 -0.18 0.04	94.38 -0.15 0.00	50.33 -0.13 0.00	48.03 -0.05 0.00	44.79 -0.42 0.00	64.37 -0.96 0.00	40.31 -0.29 0.00	46.89 -0.62 -0.69	45.89 -0.69 0.00	42.60 -0.64 -0.07	43.28 -0.44 0.00	47.83 -0.17 0.00	98.90 -0.02 0.00	51.43 0.07 0.00	41.58 -0.26 0.05	35.14 -0.27 5.42	48.15 0.36 0.00
NEG CENTRAL___STATE_STREET 24147	35.47 0.10 0.00	32.59 0.06 0.00	29.12 0.06 0.00	27.37 0.06 0.00	27.57 0.08 0.00	33.35 0.21 0.00	40.50 0.31 0.00	42.60 0.37 0.00	95.08 0.55 0.00	50.71 0.26 0.00	48.31 0.23 0.00	45.28 0.08 0.00	65.31 -0.03 0.00	40.69 0.09 0.00	47.22 -0.05 -0.45	46.52 -0.07 0.00	43.09 -0.09 -0.02	43.68 -0.05 0.00	48.16 0.15 0.00	99.55 0.63 0.00	51.83 0.47 0.00	42.15 0.27 0.02	38.95 0.23 2.11	48.26 0.48 0.00
NEG MILLWOOD___DRP 24198	37.80 2.44 0.00	34.64 2.11 0.00	30.95 1.90 0.00	29.09 1.78 0.00	29.26 1.77 0.00	35.20 2.06 0.00	42.75 2.56 0.00	44.97 2.73 0.00	100.92 6.40 0.00	54.02 3.57 0.00	51.56 3.49 0.00	48.68 3.47 0.00	70.84 5.51 0.00	44.11 3.51 0.00	53.63 4.18 -2.62	50.63 4.04 0.00	46.92 3.76 0.00	47.66 3.92 -0.01	52.25 4.24 0.00	107.52 8.61 0.00	55.64 4.28 0.00	45.17 3.28 0.00	43.99 3.16 0.00	51.17 3.39 0.00
NEG NORTH_FLCN_SEA 23793	35.02 -0.34 0.00	32.50 -0.03 0.00	29.16 0.10 0.00	27.42 0.11 0.00	27.63 0.14 0.00	33.47 0.33 0.00	40.76 0.57 0.00	42.97 0.74 0.00	96.00 1.47 0.00	51.23 0.77 0.00	48.62 0.54 0.00	45.89 0.68 0.00	65.81 0.47 0.00	40.91 0.31 0.00	47.11 0.29 0.00	46.85 0.26 0.00	43.50 0.33 0.00	44.10 0.37 0.00	48.36 0.35 0.00	99.88 0.96 0.00	51.93 0.58 0.00	42.46 0.57 0.00	41.17 0.35 0.00	47.91 0.13 0.00
NEG NORTH_KES_CHATEGAY 23792	34.77 -0.60 0.00	32.24 -0.29 0.00	28.86 -0.19 0.00	27.15 -0.16 0.00	27.34 -0.15 0.00	33.08 -0.06 0.00	40.29 0.10 0.00	42.49 0.25 0.00	94.88 0.35 0.00	50.59 0.13 0.00	48.12 0.05 0.00	45.27 0.06 0.00	64.99 -0.34 0.00	40.39 -0.21 0.00	46.46 -0.36 0.00	46.32 -0.27 0.00	43.02 -0.14 0.00	43.65 -0.08 0.00	47.89 -0.12 0.00	98.87 -0.04 0.00	51.45 0.09 0.00	42.01 0.11 0.00	40.67 -0.15 0.00	47.39 -0.40 0.00
NEG NORTH___ALICE_FALLS 23915	35.05 -0.32 0.00	32.51 -0.03 0.00	29.15 0.10 0.00	27.42 0.11 0.00	27.65 0.15 0.00	33.49 0.35 0.00	40.80 0.61 0.00	43.03 0.79 0.00	96.01 1.48 0.00	51.28 0.82 0.00	48.61 0.54 0.00	45.92 0.71 0.00	65.76 0.42 0.00	40.91 0.31 0.00	47.10 0.28 0.00	46.86 0.28 0.00	43.56 0.39 0.00	44.15 0.43 0.00	48.41 0.41 0.00	100.08 1.16 0.00	52.06 0.71 0.00	42.55 0.65 0.00	41.22 0.40 0.00	47.93 0.14 0.00
NEG NORTH___LWR_SARANAC 23913	35.05 -0.32 0.00	32.51 -0.03 0.00	29.15 0.10 0.00	27.42 0.11 0.00	27.65 0.15 0.00	33.49 0.35 0.00	40.80 0.61 0.00	43.03 0.79 0.00	96.01 1.48 0.00	51.28 0.82 0.00	48.61 0.54 0.00	45.92 0.71 0.00	65.76 0.42 0.00	40.91 0.31 0.00	47.10 0.28 0.00	46.86 0.28 0.00	43.56 0.39 0.00	44.15 0.43 0.00	48.41 0.41 0.00	100.08 1.16 0.00	52.06 0.71 0.00	42.55 0.65 0.00	41.22 0.40 0.00	47.93 0.14 0.00
NEG NORTH___PLATTSBURG 23628	35.05 -0.32 0.00	32.51 -0.03 0.00	29.15 0.10 0.00	27.42 0.11 0.00	27.65 0.15 0.00	33.49 0.35 0.00	40.80 0.61 0.00	43.03 0.79 0.00	95.99 1.47 0.00	51.28 0.82 0.00	48.62 0.54 0.00	45.92 0.71 0.00	65.76 0.43 0.00	40.91 0.31 0.00	47.10 0.28 0.00	46.86 0.28 0.00	43.56 0.39 0.00	44.15 0.43 0.00	48.42 0.40 0.00	100.08 1.16 0.00	52.06 0.70 0.00	42.55 0.65 0.00	41.22 0.40 0.00	47.94 0.15 0.00
NEG WEST_LEA_LOCKPORT 23791	33.41 -1.96 0.00	30.54 -1.99 0.00	27.25 -1.81 0.00	25.62 -1.69 0.00	25.83 -1.66 0.00	30.79 -2.35 0.00	37.19 -3.00 0.00	39.40 -2.80 0.03	88.36 -6.16 0.00	46.77 -3.69 0.00	45.00 -3.07 0.00	41.62 -3.59 0.00	59.90 -5.44 0.00	37.43 -3.18 -0.01	42.32 -4.41 0.09	42.31 -4.27 0.00	39.03 -4.03 0.11	40.15 -3.57 0.00	44.32 -3.69 0.00	92.10 -6.82 0.00	48.15 -3.21 0.00	39.09 -2.75 0.05	32.15 -2.60 6.08	45.46 -2.33 0.00
NEG WEST___LANCASTER 23811	33.69 -1.67 0.00	30.96 -1.57 0.00	27.63 -1.42 0.00	25.95 -1.36 0.00	26.12 -1.37 0.00	31.13 -2.01 0.00	37.78 -2.41 0.00	39.92 -2.27 0.04	89.68 -4.84 0.00	47.48 -2.98 0.00	45.57 -2.50 0.00	42.27 -2.94 0.00	60.72 -4.62 0.00	38.09 -2.52 -0.01	43.15 -3.62 0.05	42.99 -3.59 0.00	39.73 -3.33 0.11	40.75 -2.97 0.00	45.01 -2.99 0.00	93.75 -5.17 0.00	48.86 -2.49 0.00	39.49 -2.33 0.07	30.83 -2.20 7.80	46.17 -1.62 0.00

NEG_PENN_ALLEGHNY 23528	35.84 0.47 0.00	32.92 0.39 0.00	29.40 0.35 0.00	27.61 0.31 0.00	27.79 0.30 0.00	33.46 0.32 0.00	40.71 0.52 0.00	42.73 0.49 -0.01	95.89 1.37 0.00	51.14 0.68 0.00	48.67 0.60 0.00	45.71 0.50 0.00	66.00 0.67 0.00	41.14 0.54 0.00	48.47 0.69 -0.96	47.19 0.61 0.00	43.73 0.56 0.00	44.26 0.54 0.00	48.79 0.78 0.00	100.77 1.85 0.00	52.24 0.89 0.00	42.51 0.54 -0.07	49.04 0.56 -7.65	48.66 0.88 0.00
NEG___GEN_MONROE 24207	34.62 -0.74 0.00	31.74 -0.80 0.00	28.29 -0.77 0.00	26.60 -0.70 0.00	26.82 -0.67 0.00	32.16 -0.98 0.00	39.04 -1.15 0.00	41.33 -0.88 0.02	92.62 -1.91 0.00	49.20 -1.26 0.00	47.17 -0.90 0.00	43.79 -1.42 0.00	62.97 -2.37 0.00	39.30 -1.30 0.00	45.18 -1.96 -0.32	44.61 -1.97 0.00	41.30 -1.86 0.00	42.31 -1.42 0.00	46.70 -1.31 0.00	96.77 -2.15 0.00	50.42 -0.93 0.00	40.93 -0.93 0.04	35.64 -1.00 4.18	47.06 -0.72 0.00
NEPA___ENERGY 23901	34.68 -0.68 0.00	31.83 -0.70 0.00	28.61 -0.45 0.00	26.84 -0.46 0.00	27.03 -0.46 0.00	32.13 -1.01 0.00	39.12 -1.06 0.00	41.20 -0.99 0.04	92.76 -1.77 0.00	49.01 -1.45 0.00	46.79 -1.28 0.00	43.46 -1.75 0.00	62.67 -2.67 0.00	39.39 -1.22 0.00	44.51 -2.21 0.10	44.16 -2.42 0.00	40.85 -2.19 0.12	42.00 -1.73 0.00	46.54 -1.47 0.00	97.12 -1.80 0.00	50.46 -0.89 0.00	40.60 -1.22 0.07	31.80 -1.15 7.88	47.96 0.18 0.00
NEVERSINK___HYD 23608	37.32 1.95 0.00	34.38 1.85 0.00	30.73 1.67 0.00	28.86 1.55 0.00	29.03 1.54 0.00	35.00 1.85 0.00	42.50 2.31 0.00	44.68 2.44 0.00	100.30 5.78 0.00	53.71 3.26 0.00	51.38 3.30 0.00	48.45 3.24 0.00	70.21 4.87 0.00	42.63 2.02 0.00	51.68 2.44 -2.42	48.84 2.25 0.00	45.32 2.16 0.00	46.08 2.34 -0.01	50.66 2.66 0.00	106.58 7.66 0.00	55.37 4.02 0.00	44.90 2.99 -0.01	44.77 2.88 -1.06	50.82 3.03 0.00
NEWKRMKL_115KV_TB1 55635	36.37 1.01 0.00	33.43 0.90 0.00	29.87 0.82 0.00	28.08 0.77 0.00	28.26 0.77 0.00	34.04 0.90 0.00	41.24 1.06 0.00	43.34 1.11 0.00	96.63 2.10 0.00	51.50 1.04 0.00	49.02 0.94 0.00	46.39 1.18 0.00	67.49 2.16 0.00	41.96 1.36 0.00	51.44 1.61 -3.01	48.20 1.61 0.00	44.67 1.50 0.00	45.15 1.41 -0.02	49.43 1.42 0.00	101.58 2.66 0.00	52.62 1.27 0.00	43.01 1.11 0.00	42.05 1.22 0.00	49.45 1.66 0.00
NEWTON___FALLS_HYD 23847	34.26 -1.10 0.00	31.55 -0.98 0.00	28.13 -0.93 0.00	26.46 -0.85 0.00	26.68 -0.81 0.00	32.25 -0.89 0.00	39.13 -1.06 0.00	41.18 -1.05 0.00	92.00 -2.53 0.00	49.17 -1.29 0.00	46.73 -1.34 0.00	43.91 -1.30 0.00	63.01 -2.33 0.00	39.04 -1.56 0.00	45.08 -1.84 -0.10	44.94 -1.65 0.00	41.77 -1.40 0.00	42.45 -1.27 0.00	46.65 -1.36 0.00	96.49 -2.43 0.00	50.08 -1.28 0.00	40.51 -1.38 0.00	39.21 -1.61 0.00	45.40 -2.39 0.00
NGRID_A1_DSASP 323792	32.79 -2.58 0.00	30.17 -2.36 0.00	26.93 -2.13 0.00	25.31 -2.00 0.00	25.49 -2.00 0.00	30.38 -2.76 0.00	36.49 -3.70 0.00	38.61 -3.59 0.03	86.51 -8.01 0.00	45.77 -4.68 0.00	44.04 -4.03 0.00	40.76 -4.45 0.00	58.41 -6.92 0.01	36.51 -4.08 0.02	41.44 -5.29 0.09	41.47 -5.11 0.00	38.15 -4.91 0.11	39.23 -4.49 0.00	43.29 -4.72 0.00	89.93 -8.99 0.00	47.01 -4.34 0.00	38.20 -3.64 0.06	31.19 -3.40 6.24	44.51 -3.28 0.00
NGRID_A2_DSASP 323793	32.79 -2.58 0.00	30.17 -2.36 0.00	26.93 -2.13 0.00	25.31 -2.00 0.00	25.49 -2.00 0.00	30.38 -2.76 0.00	36.49 -3.70 0.00	38.61 -3.59 0.03	86.51 -8.01 0.00	45.77 -4.68 0.00	44.04 -4.03 0.00	40.76 -4.45 0.00	58.41 -6.92 0.01	36.51 -4.08 0.02	41.44 -5.29 0.09	41.47 -5.11 0.00	38.15 -4.91 0.11	39.23 -4.49 0.00	43.29 -4.72 0.00	89.93 -8.99 0.00	47.01 -4.34 0.00	38.20 -3.64 0.06	31.19 -3.40 6.24	44.51 -3.28 0.00
NGRID_A4_DSASP 323807	32.79 -2.58 0.00	30.17 -2.36 0.00	26.93 -2.13 0.00	25.31 -2.00 0.00	25.49 -2.00 0.00	30.38 -2.76 0.00	36.49 -3.70 0.00	38.61 -3.59 0.03	86.51 -8.01 0.00	45.77 -4.68 0.00	44.04 -4.03 0.00	40.76 -4.45 0.00	58.41 -6.92 0.01	36.51 -4.08 0.02	41.44 -5.29 0.09	41.47 -5.11 0.00	38.15 -4.91 0.11	39.23 -4.49 0.00	43.29 -4.72 0.00	89.93 -8.99 0.00	47.01 -4.34 0.00	38.20 -3.64 0.06	31.19 -3.40 6.24	44.51 -3.28 0.00
NIAGARA_115E_LBMP 323715	32.83 -2.54 0.00	30.00 -2.53 0.00	26.73 -2.33 0.00	25.14 -2.17 0.00	25.39 -2.11 0.00	30.22 -2.92 0.00	36.45 -3.73 0.00	38.63 -3.57 0.03	86.53 -8.00 0.00	45.79 -4.66 0.00	44.16 -3.91 0.00	40.84 -4.37 0.00	58.95 -6.39 0.00	36.78 -3.82 -0.01	41.51 -5.22 0.09	41.56 -5.02 0.00	38.31 -4.75 0.11	39.36 -4.36 0.00	43.44 -4.57 0.00	90.24 -8.68 0.00	47.15 -4.20 0.00	38.28 -3.56 0.06	31.27 -3.30 6.26	44.65 -3.14 0.00
NIAGARA_115W_LBMP 323714	32.71 -2.66 0.00	30.14 -2.39 0.00	26.87 -2.18 0.00	25.26 -2.05 0.00	25.44 -2.05 0.00	30.32 -2.82 0.00	36.40 -3.79 0.00	38.51 -3.69 0.03	86.31 -8.21 0.00	45.64 -4.81 0.00	43.95 -4.13 0.00	40.66 -4.54 0.00	58.28 -7.04 0.01	36.42 -4.17 0.01	41.35 -5.38 0.09	41.38 -5.21 0.00	38.07 -4.99 0.11	39.14 -4.58 0.00	43.19 -4.82 0.00	89.73 -9.19 0.00	46.89 -4.47 0.00	38.07 -3.77 0.06	31.10 -3.51 6.22	44.39 -3.40 0.00
NIAGARA_230_LBMP 323716	33.19 -2.17 0.00	30.47 -2.06 0.00	27.14 -1.92 0.00	25.50 -1.81 0.00	25.69 -1.80 0.00	30.62 -2.51 0.00	36.99 -3.20 0.00	39.16 -3.04 0.03	87.78 -6.75 0.00	46.45 -4.01 0.00	44.64 -3.43 0.00	41.32 -3.88 0.00	59.30 -6.03 0.00	37.03 -3.58 0.00	42.05 -4.69 0.08	42.04 -4.54 0.00	38.72 -4.34 0.10	39.79 -3.93 0.00	43.95 -4.05 0.00	91.35 -7.57 0.00	47.70 -3.66 0.00	38.70 -3.14 0.05	31.76 -3.00 6.07	45.04 -2.74 0.00
NIAGARA___115KV_198_GIBSON 55903	32.71 -2.65 0.00	30.11 -2.42 0.00	26.87 -2.19 0.00	25.27 -2.04 0.00	25.44 -2.05 0.00	30.32 -2.82 0.00	36.40 -3.79 0.00	38.50 -3.70 0.03	86.29 -8.24 0.00	45.65 -4.80 0.00	43.94 -4.14 0.00	40.67 -4.54 0.00	58.27 -7.05 0.01	36.42 -4.17 0.01	41.35 -5.38 0.09	41.38 -5.21 0.00	38.06 -5.00 0.11	39.12 -4.60 0.00	43.19 -4.82 0.00	89.68 -9.23 0.00	46.89 -4.47 0.00	38.09 -3.75 0.06	31.13 -3.48 6.22	44.40 -3.39 0.00
NIAGARA____ 23760	33.19 -2.17 0.00	30.47 -2.06 0.00	27.14 -1.92 0.00	25.50 -1.81 0.00	25.69 -1.80 0.00	30.62 -2.51 0.00	36.99 -3.20 0.00	39.16 -3.04 0.03	87.78 -6.75 0.00	46.44 -4.01 0.00	44.64 -3.43 0.00	41.32 -3.88 0.00	59.30 -6.03 0.00	37.02 -3.58 0.01	42.05 -4.69 0.08	42.04 -4.54 0.00	38.72 -4.34 0.10	39.79 -3.93 0.00	43.95 -4.05 0.00	91.35 -7.57 0.00	47.70 -3.66 0.00	38.70 -3.14 0.06	31.72 -3.00 6.11	45.04 -2.74 0.00
NINE_MILE_1 23575	34.43 -0.93 0.00	31.65 -0.88 0.00	28.27 -0.78 0.00	26.57 -0.74 0.00	26.75 -0.74 0.00	32.23 -0.91 0.00	39.02 -1.17 0.00	40.93 -1.31 0.00	91.60 -2.92 0.00	48.89 -1.57 0.00	46.61 -1.47 0.00	43.77 -1.43 0.00	63.22 -2.11 0.00	39.32 -1.29 0.00	45.47 -1.53 -0.18	45.07 -1.52 0.00	41.72 -1.45 0.00	42.24 -1.49 0.00	46.42 -1.59 0.00	95.71 -3.21 0.00	49.72 -1.64 0.00	40.54 -1.36 0.00	39.51 -1.31 0.00	46.37 -1.41 0.00

NINE_MILE_2 23744	34.43 -0.93 0.00	31.65 -0.88 0.00	28.27 -0.78 0.00	26.57 -0.74 0.00	26.75 -0.74 0.00	32.23 -0.91 0.00	39.02 -1.17 0.00	40.93 -1.31 0.00	91.64 -2.89 0.00	48.89 -1.56 0.00	46.61 -1.47 0.00	43.77 -1.43 0.00	63.22 -2.11 0.00	39.32 -1.28 0.00	45.47 -1.53 -0.18	45.07 -1.52 0.00	41.72 -1.44 0.00	42.24 -1.49 0.00	46.42 -1.59 0.00	95.71 -3.21 0.00	49.72 -1.64 0.00	40.54 -1.35 0.00	39.52 -1.31 0.00	46.37 -1.41 0.00
NM_CAPITAL___DRP 24208	36.52 1.16 0.00	33.58 1.05 0.00	29.99 0.93 0.00	28.19 0.89 0.00	28.37 0.88 0.00	34.17 1.03 0.00	41.40 1.21 0.00	43.50 1.27 0.00	97.31 2.79 0.00	52.02 1.56 0.00	49.52 1.44 0.00	46.70 1.49 0.00	67.78 2.44 0.00	42.12 1.52 0.00	51.66 1.83 -3.01	48.39 1.81 0.00	44.85 1.69 0.00	45.31 1.58 -0.02	49.61 1.60 0.00	101.98 3.06 0.00	52.82 1.46 0.00	43.21 1.31 0.00	42.24 1.42 0.00	49.60 1.81 0.00
NM_CENTRAL___DRP 24181	35.18 -0.18 0.00	32.33 -0.20 0.00	28.87 -0.18 0.00	27.13 -0.18 0.00	27.33 -0.16 0.00	32.93 -0.21 0.00	39.93 -0.25 0.00	41.94 -0.29 0.00	94.05 -0.48 0.00	50.20 -0.25 0.00	47.87 -0.20 0.00	44.95 -0.26 0.00	64.91 -0.43 0.00	40.38 -0.23 0.00	46.75 -0.35 -0.27	46.24 -0.35 0.00	42.82 -0.34 0.00	43.37 -0.36 0.00	47.70 -0.31 0.00	98.42 -0.50 0.00	51.08 -0.28 0.00	41.57 -0.32 0.00	40.49 -0.33 0.00	47.51 -0.28 0.00
NM_FRONTIER___DRP 24179	32.71 -2.65 0.00	30.11 -2.42 0.00	26.87 -2.19 0.00	25.27 -2.04 0.00	25.44 -2.05 0.00	30.32 -2.82 0.00	36.40 -3.79 0.00	38.50 -3.70 0.03	86.29 -8.24 0.00	45.65 -4.80 0.00	43.94 -4.14 0.00	40.67 -4.54 0.00	58.27 -7.05 0.01	36.42 -4.17 0.01	41.35 -5.38 0.09	41.38 -5.21 0.00	38.06 -5.00 0.11	39.12 -4.60 0.00	43.19 -4.82 0.00	89.68 -9.23 0.00	46.89 -4.47 0.00	38.09 -3.75 0.06	31.13 -3.48 6.22	44.40 -3.39 0.00
NM_ST_REGIS___HYD 24053	33.84 -1.53 0.00	31.21 -1.32 0.00	27.86 -1.20 0.00	26.20 -1.10 0.00	26.40 -1.10 0.00	31.98 -1.16 0.00	38.89 -1.30 0.00	40.99 -1.24 0.00	91.35 -3.18 0.00	48.74 -1.71 0.00	46.32 -1.76 0.00	43.49 -1.72 0.00	62.32 -3.02 0.00	38.69 -1.91 0.00	44.61 -2.27 -0.06	44.45 -2.13 0.00	41.32 -1.84 0.00	41.99 -1.74 0.00	46.07 -1.94 0.00	95.28 -3.64 0.00	49.62 -1.73 0.00	40.44 -1.45 0.00	39.11 -1.71 0.00	45.43 -2.36 0.00
NORTHPORT___1 23551	37.84 2.47 -0.01	34.75 2.22 0.00	31.02 1.96 0.00	29.14 1.83 0.00	29.23 1.73 0.00	35.03 1.89 0.00	42.37 2.18 0.00	44.58 2.34 0.00	99.65 5.13 0.00	53.52 3.07 0.00	52.04 3.16 -0.81	49.33 3.31 -0.82	80.24 5.31 -9.60	57.40 3.33 -13.46	53.86 4.07 -2.96	55.29 3.95 -4.75	51.87 3.61 -5.10	47.32 3.58 -0.02	53.42 3.89 -1.53	106.86 7.94 0.00	57.86 4.01 -2.49	44.87 2.97 -0.01	44.61 3.13 -0.66	52.06 3.51 -0.76
NORTHPORT___2 23552	37.84 2.47 -0.01	34.75 2.22 0.00	31.02 1.96 0.00	29.14 1.83 0.00	29.23 1.73 0.00	35.03 1.89 0.00	42.37 2.18 0.00	44.58 2.34 0.00	99.65 5.13 0.00	53.52 3.07 0.00	52.04 3.16 -0.81	49.33 3.31 -0.82	80.24 5.31 -9.60	57.40 3.33 -13.46	53.86 4.07 -2.96	55.29 3.95 -4.75	51.87 3.61 -5.10	47.32 3.58 -0.02	53.42 3.89 -1.53	106.86 7.94 0.00	57.86 4.01 -2.49	44.87 2.97 -0.01	44.61 3.13 -0.66	52.06 3.51 -0.76
NORTHPORT___3 23553	37.82 2.45 -0.01	34.72 2.18 0.00	30.99 1.94 0.00	29.11 1.80 0.00	29.20 1.71 0.00	35.02 1.88 0.00	42.35 2.16 0.00	44.56 2.32 0.00	99.64 5.12 0.00	53.50 3.04 0.00	52.02 3.13 -0.81	49.28 3.25 -0.82	80.19 5.24 -9.62	57.39 3.29 -13.49	53.79 4.01 -2.96	55.24 3.90 -4.76	51.83 3.55 -5.11	47.29 3.55 -0.02	53.39 3.85 -1.53	106.79 7.87 0.00	57.82 3.97 -2.50	44.85 2.95 -0.01	44.61 3.12 -0.66	52.04 3.50 -0.76
NORTHPORT___4 23650	37.82 2.45 -0.01	34.72 2.18 0.00	30.99 1.94 0.00	29.11 1.80 0.00	29.20 1.71 0.00	35.02 1.88 0.00	42.35 2.16 0.00	44.56 2.32 0.00	99.64 5.12 0.00	53.50 3.04 0.00	52.02 3.13 -0.81	49.28 3.25 -0.82	80.19 5.24 -9.62	57.39 3.29 -13.49	53.79 4.01 -2.96	55.24 3.90 -4.76	51.83 3.55 -5.11	47.29 3.55 -0.02	53.39 3.85 -1.53	106.79 7.87 0.00	57.82 3.97 -2.50	44.85 2.95 -0.01	44.61 3.12 -0.66	52.04 3.50 -0.76
NORTHPORT___IC 23718	37.84 2.47 -0.01	34.76 2.22 0.00	31.02 1.96 0.00	29.14 1.83 0.00	29.22 1.73 0.00	35.03 1.89 0.00	42.38 2.19 0.00	44.57 2.34 0.00	99.65 5.13 0.00	53.51 3.06 0.00	52.03 3.15 -0.81	49.32 3.30 -0.82	80.23 5.30 -9.60	57.39 3.32 -13.46	53.86 4.08 -2.96	55.29 3.95 -4.75	51.87 3.61 -5.10	47.32 3.58 -0.02	53.42 3.88 -1.53	106.86 7.94 0.00	57.86 4.01 -2.49	44.87 2.97 -0.01	44.61 3.13 -0.66	52.06 3.52 -0.76
NORTH___COUNTRY_ESR 323785	34.67 -0.69 0.00	32.14 -0.39 0.00	28.79 -0.27 0.00	27.07 -0.23 0.00	27.28 -0.21 0.00	32.99 -0.15 0.00	40.15 -0.04 0.00	42.31 0.08 0.00	94.51 -0.01 0.00	50.41 -0.04 0.00	47.96 -0.11 0.00	45.11 -0.09 0.00	64.85 -0.49 0.00	40.30 -0.30 0.00	46.39 -0.43 0.00	46.19 -0.39 0.00	42.91 -0.26 0.00	43.52 -0.20 0.00	47.75 -0.26 0.00	98.48 -0.44 0.00	51.24 -0.12 0.00	41.82 -0.07 0.00	40.51 -0.31 0.00	47.24 -0.55 0.00
NPX_GEN_1385_PROXY 323591	37.84 2.47 -0.01	34.75 2.22 0.00	31.02 1.96 0.00	29.14 1.83 0.00	29.23 1.73 0.00	35.03 1.89 0.00	42.37 2.18 0.00	44.58 2.34 0.00	99.65 5.13 0.00	53.52 3.07 0.00	52.04 3.16 -0.81	49.33 3.31 -0.82	80.24 5.31 -9.60	57.40 3.33 -13.46	53.86 4.07 -2.96	55.29 3.95 -4.75	51.87 3.61 -5.10	47.32 3.58 -0.02	53.42 3.89 -1.53	106.86 7.94 0.00	57.86 4.01 -2.49	44.87 2.97 -0.01	44.61 3.13 -0.66	52.06 3.51 -0.76
NPX_GEN_CSC 323557	38.06 2.69 -0.01	34.95 2.41 0.00	31.20 2.14 0.00	29.30 1.99 0.00	29.40 1.91 0.00	35.31 2.17 0.00	42.76 2.57 0.00	44.92 2.68 0.00	100.18 5.66 0.00	53.78 3.33 -0.82	52.27 3.38 -0.83	49.68 3.64 -9.70	80.87 5.83 -13.61	57.93 3.72 -2.97	54.33 4.54 -4.81	55.82 4.43 -5.15	52.47 4.16 -0.02	47.91 4.17 -1.54	54.13 4.58 0.00	108.37 9.45 0.00	58.65 4.77 -2.52	45.41 3.51 -0.01	45.11 3.63 -0.66	52.42 3.87 -0.77
NSINS_S_GLNS_FALLS 23858	37.62 2.26 0.00	34.59 2.06 0.00	30.92 1.87 0.00	29.08 1.78 0.00	29.32 1.82 0.00	35.55 2.41 0.00	43.16 2.97 0.00	45.39 3.15 0.00	101.65 7.12 0.00	54.32 3.87 0.00	51.59 3.52 0.00	48.68 3.47 0.00	70.49 5.15 0.00	43.82 3.22 0.00	53.66 3.78 -3.06	50.18 3.59 0.00	46.56 3.40 0.00	47.12 3.39 -0.02	51.57 3.56 0.00	106.12 7.20 0.00	54.83 3.48 0.00	44.80 2.91 0.00	43.77 2.95 0.00	51.24 3.46 0.00
NUCOR_STEEL___DRP 24197	35.45 0.08 0.00	32.58 0.05 0.00	29.10 0.05 0.00	27.35 0.05 0.00	27.55 0.06 0.00	33.36 0.21 0.00	40.49 0.31 0.00	42.60 0.36 -0.01	94.98 0.45 0.00	50.65 0.20 0.00	48.26 0.18 0.00	45.24 0.04 0.00	65.28 -0.05 0.00	40.65 0.05 0.00	47.09 -0.09 -0.36	46.49 -0.09 0.00	43.04 -0.12 0.00	43.64 -0.08 0.00	48.10 0.10 0.00	99.44 0.52 0.00	51.78 0.43 0.00	42.13 0.26 0.02	39.30 0.22 1.74	48.22 0.43 0.00

NUMBER_THREE_WT_PWR 323818	35.35 -0.01 0.00	32.50 -0.03 0.00	28.97 -0.09 0.00	27.24 -0.07 0.00	27.47 -0.02 0.00	33.17 0.04 0.00	40.26 0.07 0.00	42.31 0.08 0.00	94.74 0.21 0.00	50.70 0.25 0.00	48.19 0.11 0.00	45.30 0.09 0.00	65.05 -0.29 0.00	40.26 -0.34 0.00	46.57 -0.38 -0.13	46.35 -0.23 0.00	43.11 -0.05 0.00	43.80 0.07 0.00	48.22 0.21 0.00	99.97 1.05 0.00	51.70 0.34 0.00	41.51 -0.38 0.00	40.19 -0.64 0.00	46.35 -1.43 0.00
NYISO_LBMP_REFERENCE 24008	35.36 0.00 0.00	32.53 0.00 0.00	29.06 0.00 0.00	27.31 0.00 0.00	27.49 0.00 0.00	33.14 0.00 0.00	40.19 0.00 0.00	42.23 0.00 0.00	94.52 0.00 0.00	50.45 0.00 0.00	48.07 0.00 0.00	45.21 0.00 0.00	65.33 0.00 0.00	40.60 0.00 0.00	46.82 0.00 0.00	46.58 0.00 0.00	43.17 0.00 0.00	43.73 0.00 0.00	48.01 0.00 0.00	98.92 0.00 0.00	51.36 0.00 0.00	41.90 0.00 0.00	40.83 0.00 0.00	47.79 0.00 0.00
NYPA_BRENTWD____GT 24164	38.37 3.00 -0.01	35.13 2.60 0.00	31.33 2.27 0.00	29.42 2.11 0.00	29.52 2.03 0.00	35.43 2.29 0.00	42.89 2.70 0.00	45.11 2.88 0.00	100.78 6.26 0.00	54.14 3.68 0.00	52.58 3.67 -0.83	49.91 3.86 -0.84	81.40 6.21 -9.85	58.20 3.78 -13.81	54.28 4.49 -2.97	55.88 4.42 -4.88	52.51 4.11 -5.23	47.84 4.10 -0.02	54.06 4.48 -1.57	108.14 9.22 0.00	58.59 4.68 -2.56	45.49 3.59 -0.01	45.19 3.70 -0.67	52.64 4.07 -0.78
NYPA_GOWANUS____GT5 24156	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NYPA_GOWANUS____GT6 24157	38.08 2.71 0.00	34.86 2.33 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.71 0.00	45.13 2.90 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.72 0.00	71.25 5.91 0.00	44.38 3.77 0.00	53.85 4.43 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.89 4.15 -0.01	52.47 4.46 0.00	107.97 9.06 0.00	55.92 4.56 0.00	45.40 3.51 0.00	44.22 3.39 0.00	51.34 3.56 0.00
NYPA_HARLEM__RVR__GT1 24160	37.80 2.43 0.00	34.67 2.14 0.00	31.00 1.94 0.00	29.13 1.82 0.00	29.29 1.80 0.00	35.14 2.00 0.00	42.57 2.38 0.00	44.79 2.56 0.00	100.41 5.89 0.00	53.83 3.38 0.00	51.47 3.39 0.00	48.54 3.33 0.00	70.62 5.28 0.00	44.04 3.43 0.00	53.50 4.08 -2.60	50.53 3.95 0.00	46.82 3.65 0.00	47.51 3.77 -0.01	52.04 4.03 0.00	106.97 8.06 0.01	55.35 4.01 0.02	45.01 3.12 0.00	43.92 3.09 0.00	50.96 3.17 0.00
NYPA_HARLEM__RVR__GT2 24161	37.80 2.43 0.00	34.67 2.14 0.00	31.00 1.94 0.00	29.13 1.82 0.00	29.29 1.80 0.00	35.14 2.00 0.00	42.57 2.38 0.00	44.79 2.56 0.00	100.41 5.89 0.00	53.83 3.38 0.00	51.47 3.39 0.00	48.54 3.33 0.00	70.62 5.28 0.00	44.04 3.43 0.00	53.50 4.08 -2.60	50.53 3.95 0.00	46.82 3.65 0.00	47.51 3.77 -0.01	52.04 4.03 0.00	106.97 8.06 0.01	55.35 4.01 0.02	45.01 3.12 0.00	43.92 3.09 0.00	50.96 3.17 0.00
NYPA_KENT____GT 24152	37.98 2.61 0.00	34.78 2.24 0.00	31.12 2.06 0.00	29.29 1.98 0.00	29.45 1.96 0.00	35.29 2.15 0.00	42.82 2.63 0.00	45.05 2.81 0.00	101.09 6.57 0.00	54.17 3.72 0.00	51.80 3.72 0.00	48.86 3.65 0.00	71.13 5.79 0.00	44.31 3.71 0.00	53.77 4.35 -2.60	50.82 4.23 0.00	47.10 3.93 0.00	47.82 4.08 -0.01	52.38 4.37 0.00	107.77 8.85 0.00	55.80 4.44 0.00	45.30 3.41 0.00	44.13 3.31 0.00	51.24 3.46 0.00
NYPA_POUCH1____GT 24155	38.25 2.89 0.00	35.04 2.50 0.00	31.35 2.29 0.00	29.47 2.16 0.00	29.64 2.14 0.00	35.54 2.40 0.00	43.01 2.82 0.00	45.18 2.95 0.00	101.30 6.77 0.00	54.25 3.80 0.00	51.89 3.82 0.00	48.92 3.72 0.00	71.25 5.92 0.00	44.38 3.78 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.02 0.00	47.91 4.17 -0.01	52.49 4.48 0.00	108.04 9.12 0.00	55.98 4.62 0.00	45.46 3.57 0.00	44.34 3.51 0.00	51.51 3.73 0.00
NYPA_VERNON____GT2 24162	37.87 2.51 0.00	34.69 2.16 0.00	31.06 2.01 0.00	29.23 1.93 0.00	29.40 1.90 0.00	35.22 2.07 0.00	42.74 2.55 0.00	44.98 2.74 0.00	100.96 6.44 0.00	54.09 3.64 0.00	51.72 3.64 0.00	48.79 3.58 0.00	71.03 5.69 0.00	44.24 3.64 0.00	53.71 4.29 -2.60	50.74 4.16 0.00	47.02 3.85 0.00	47.74 4.00 -0.01	52.29 4.28 0.00	107.55 8.63 0.00	55.66 4.30 0.00	45.21 3.31 0.00	44.04 3.22 0.00	51.14 3.35 0.00
NYPA_VERNON____GT3 24163	37.87 2.51 0.00	34.69 2.16 0.00	31.06 2.01 0.00	29.23 1.93 0.00	29.40 1.90 0.00	35.22 2.07 0.00	42.74 2.55 0.00	44.98 2.74 0.00	100.96 6.44 0.00	54.09 3.64 0.00	51.72 3.64 0.00	48.79 3.58 0.00	71.03 5.69 0.00	44.24 3.64 0.00	53.71 4.29 -2.60	50.74 4.16 0.00	47.02 3.85 0.00	47.74 4.00 -0.01	52.29 4.28 0.00	107.55 8.63 0.00	55.66 4.30 0.00	45.21 3.31 0.00	44.04 3.22 0.00	51.14 3.35 0.00
NYPA__ASTORIA_CC1 323568	37.83 2.47 0.00	34.66 2.12 0.00	31.03 1.98 0.00	29.21 1.90 0.00	29.38 1.88 0.00	35.17 2.03 0.00	42.69 2.50 0.00	44.92 2.68 0.00	100.81 6.28 0.00	54.04 3.58 0.00	51.65 3.58 0.00	48.73 3.52 0.00	70.93 5.59 0.00	44.19 3.58 0.00	53.64 4.22 -2.60	50.69 4.10 0.00	46.97 3.80 0.00	47.69 3.95 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.60 4.24 0.00	45.16 3.27 0.00	44.00 3.17 0.00	51.07 3.29 0.00
NYPA__ASTORIA_CC2 323569	37.83 2.47 0.00	34.66 2.12 0.00	31.03 1.98 0.00	29.21 1.90 0.00	29.38 1.88 0.00	35.17 2.03 0.00	42.69 2.50 0.00	44.92 2.68 0.00	100.81 6.28 0.00	54.04 3.58 0.00	51.65 3.58 0.00	48.73 3.52 0.00	70.93 5.59 0.00	44.19 3.58 0.00	53.64 4.22 -2.60	50.69 4.10 0.00	46.97 3.80 0.00	47.69 3.95 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.60 4.24 0.00	45.16 3.27 0.00	44.00 3.17 0.00	51.07 3.29 0.00
NYPA__HOLTSVILL 23794	38.01 2.64 -0.01	34.92 2.39 0.00	31.18 2.13 0.00	29.28 1.97 0.00	29.38 1.89 0.00	35.27 2.13 0.00	42.69 2.51 0.00	44.89 2.66 0.00	100.23 5.70 0.00	53.82 3.36 0.00	52.28 3.39 -0.82	49.64 3.60 -0.83	80.83 5.80 -9.69	57.86 3.66 -13.59	54.22 4.43 -2.97	55.71 4.32 -4.80	52.33 4.02 -5.15	47.76 4.02 -0.02	53.94 4.39 -1.54	107.96 9.03 0.00	58.44 4.57 -2.52	45.28 3.38 -0.01	44.99 3.50 -0.66	52.35 3.80 -0.77
NYPA__HELLGATE_GT1 24158	37.80 2.43 0.00	34.67 2.14 0.00	31.00 1.94 0.00	29.13 1.82 0.00	29.29 1.80 0.00	35.14 2.00 0.00	42.57 2.38 0.00	44.79 2.56 0.00	100.41 5.89 0.00	53.83 3.38 0.00	51.47 3.39 0.00	48.54 3.33 0.00	70.62 5.28 0.00	44.04 3.43 0.00	53.50 4.08 -2.60	50.53 3.95 0.00	46.82 3.65 0.00	47.51 3.77 -0.01	52.04 4.03 0.00	106.98 8.06 0.00	55.36 4.01 0.00	45.01 3.12 0.00	43.92 3.09 0.00	50.96 3.17 0.00

NYPA_____HELLGATE_GT2 24159	37.80 2.43 0.00	34.67 2.14 0.00	31.00 1.94 0.00	29.13 1.82 0.00	29.29 1.80 0.00	35.14 2.00 0.00	42.57 2.38 0.00	44.79 2.56 0.00	100.41 5.89 0.00	53.83 3.38 0.00	51.47 3.39 0.00	48.54 3.33 0.00	70.62 5.28 0.00	44.04 3.43 0.00	53.50 4.08 -2.60	50.53 3.95 0.00	46.82 3.65 0.00	47.51 3.77 -0.01	52.04 4.03 0.00	106.98 8.06 0.00	55.36 4.01 0.00	45.01 3.12 0.00	43.92 3.09 0.00	50.96 3.17 0.00
NYS_BARGE____HYD 23848	33.41 -1.96 0.00	30.56 -1.97 0.00	27.23 -1.83 0.00	25.60 -1.70 0.00	25.83 -1.66 0.00	30.79 -2.35 0.00	37.20 -2.98 0.00	39.43 -2.77 0.03	88.39 -6.13 0.00	46.76 -3.70 0.00	45.03 -3.04 0.00	41.63 -3.58 0.00	59.96 -5.38 0.00	37.46 -3.15 -0.01	42.35 -4.41 0.06	42.31 -4.27 0.00	39.05 -4.02 0.10	40.16 -3.57 0.00	44.33 -3.68 0.00	92.12 -6.79 0.00	48.14 -3.22 0.00	39.04 -2.80 0.05	32.22 -2.62 5.99	45.43 -2.35 0.00
OAK ORCHARD____HYD 24046	34.48 -0.88 0.00	31.65 -0.88 0.00	28.20 -0.86 0.00	26.50 -0.81 0.00	26.71 -0.78 0.00	32.05 -1.09 0.00	38.88 -1.30 0.00	41.12 -1.09 0.02	92.18 -2.35 0.00	48.99 -1.47 0.00	46.98 -1.09 0.00	43.69 -1.52 0.00	62.84 -2.50 0.00	39.20 -1.40 0.00	45.11 -2.03 -0.32	44.60 -1.98 0.00	41.31 -1.86 0.00	42.22 -1.51 0.00	46.58 -1.43 0.00	96.39 -2.53 0.00	50.16 -1.20 0.00	40.72 -1.14 0.04	35.53 -1.19 4.10	46.82 -0.96 0.00
OAKDALE____35_KV_LOAD 356122	35.80 0.43 0.00	32.88 0.35 0.00	29.38 0.32 0.00	27.59 0.28 0.00	27.77 0.28 0.00	33.43 0.29 0.00	40.66 0.48 0.00	42.64 0.40 -0.01	95.65 1.12 0.00	51.00 0.55 0.00	48.55 0.48 0.00	45.60 0.39 0.00	65.82 0.49 0.00	41.04 0.43 0.00	48.37 0.59 -0.96	47.11 0.53 0.00	43.64 0.47 0.00	44.16 0.43 0.00	48.68 0.67 0.00	100.53 1.61 0.00	52.13 0.78 0.00	42.44 0.47 -0.08	49.85 0.51 -8.51	48.60 0.82 0.00
OCC_CHEM____DRP 24175	32.79 -2.58 0.00	30.17 -2.36 0.00	26.93 -2.13 0.00	25.31 -2.00 0.00	25.49 -2.00 0.00	30.38 -2.76 0.00	36.49 -3.70 0.00	38.61 -3.59 0.03	86.51 -8.01 0.00	45.77 -4.68 0.00	44.04 -4.03 0.00	40.76 -4.45 0.00	58.41 -6.92 0.01	36.51 -4.08 0.02	41.44 -5.29 0.09	41.47 -5.11 0.00	38.15 -4.91 0.11	39.23 -4.49 0.00	43.29 -4.72 0.00	89.93 -8.99 0.00	47.01 -4.34 0.00	38.20 -3.64 0.06	31.19 -3.40 6.24	44.51 -3.28 0.00
OH_GEN_PROXY 24063	33.25 -2.11 0.00	30.53 -2.00 0.00	27.19 -1.87 0.00	25.55 -1.76 0.00	25.74 -1.75 0.00	30.70 -2.45 0.00	-16.81 -3.08 53.92	39.29 -2.91 0.03	88.06 -6.46 0.00	46.59 -3.86 0.00	44.75 -3.32 0.00	41.44 -3.77 0.00	59.50 -5.84 0.00	37.15 -3.45 0.00	42.23 -4.55 0.04	42.18 -4.40 0.00	38.88 -4.19 0.09	39.96 -3.77 0.00	44.13 -3.88 0.00	91.71 -7.21 0.00	47.88 -3.48 0.00	38.83 -3.02 0.05	31.84 -2.90 6.09	45.18 -2.61 0.00
OLIN_CORP_DRP 24177	32.89 -2.47 0.00	30.04 -2.48 0.00	26.80 -2.26 0.00	25.20 -2.10 0.00	25.45 -2.05 0.00	30.29 -2.85 0.00	36.54 -3.65 0.00	38.71 -3.49 0.03	86.76 -7.76 0.00	45.92 -4.53 0.00	44.24 -3.83 0.00	40.93 -4.28 0.00	59.02 -6.32 0.00	36.84 -3.77 -0.01	41.62 -5.11 0.09	41.65 -4.94 0.00	38.36 -4.70 0.11	39.43 -4.29 0.00	43.54 -4.47 0.00	90.40 -8.52 0.00	47.26 -4.10 0.00	38.42 -3.42 0.06	31.30 -3.19 6.34	44.74 -3.05 0.00
OLIN_CORP_DSASP 323712	32.79 -2.58 0.00	30.17 -2.36 0.00	26.93 -2.13 0.00	25.31 -2.00 0.00	25.49 -2.00 0.00	30.38 -2.76 0.00	36.49 -3.70 0.00	38.61 -3.59 0.03	86.51 -8.01 0.00	45.77 -4.68 0.00	44.04 -4.03 0.00	40.76 -4.45 0.00	58.41 -6.92 0.01	36.51 -4.08 0.02	41.44 -5.29 0.09	41.47 -5.11 0.00	38.15 -4.91 0.11	39.23 -4.49 0.00	43.29 -4.72 0.00	89.93 -8.99 0.00	47.01 -4.34 0.00	38.20 -3.64 0.06	31.19 -3.40 6.24	44.51 -3.28 0.00
ONEIDA_HERK_LFGE 323681	35.98 0.61 0.00	33.05 0.52 0.00	29.48 0.42 0.00	27.71 0.40 0.00	27.93 0.44 0.00	33.74 0.60 0.00	41.06 0.87 0.00	43.18 0.94 0.00	96.81 2.28 0.00	51.75 1.30 0.00	49.23 1.15 0.00	46.29 1.09 0.00	66.56 1.23 0.00	41.30 0.69 0.00	47.75 0.80 -0.13	47.45 0.86 0.00	44.05 0.88 0.00	44.71 0.99 0.00	49.21 1.20 0.00	101.78 2.87 0.00	52.70 1.34 0.00	42.56 0.66 0.00	41.30 0.48 0.00	47.93 0.15 0.00
ONEIDA____115KV_TB4 55905	36.28 0.92 0.00	33.32 0.79 0.00	29.74 0.68 0.00	27.94 0.64 0.00	28.14 0.65 0.00	33.98 0.84 0.00	41.37 1.18 0.00	43.49 1.26 0.00	97.63 3.10 0.00	52.14 1.68 0.00	49.63 1.56 0.00	46.68 1.47 0.00	67.27 1.93 0.00	41.79 1.19 0.00	48.33 1.32 -0.19	47.90 1.32 0.00	44.42 1.25 0.00	45.05 1.33 0.00	49.57 1.56 0.00	102.36 3.44 0.00	53.05 1.69 0.00	43.06 1.17 0.00	41.89 1.06 0.00	48.95 1.16 0.00
ONONDAGA_REF_OCCRA 23987	35.40 0.03 0.00	32.52 -0.01 0.00	29.04 -0.01 0.00	27.29 -0.02 0.00	27.50 0.00 0.00	33.13 -0.01 0.00	40.21 0.02 0.00	42.24 0.00 -0.01	94.78 0.25 0.00	50.57 0.11 0.00	48.20 0.12 0.00	45.27 0.06 0.00	65.34 0.01 0.00	40.65 0.05 0.00	47.13 -0.03 -0.33	46.55 -0.04 0.00	43.13 -0.04 0.00	43.68 -0.04 0.00	48.06 0.05 0.00	99.17 0.25 0.00	51.47 0.11 0.00	41.89 -0.01 0.00	40.79 -0.04 0.00	47.86 0.07 0.00
ONONDAGA____COGEN 23986	35.29 -0.08 0.00	32.42 -0.11 0.00	28.96 -0.09 0.00	27.23 -0.07 0.00	27.43 -0.06 0.00	33.08 -0.07 0.00	40.12 -0.07 0.00	42.14 -0.09 0.00	94.42 -0.11 0.00	50.38 -0.07 0.00	48.02 -0.05 0.00	45.10 -0.11 0.00	65.08 -0.25 0.00	40.50 -0.10 0.00	46.92 -0.21 -0.31	46.36 -0.22 0.00	42.95 -0.22 0.00	43.50 -0.22 0.00	47.87 -0.14 0.00	98.84 -0.08 0.00	51.31 -0.05 0.00	41.76 -0.13 0.01	39.54 -0.16 1.12	47.74 -0.05 0.00
ONTARIO____LFGE 23819	35.16 -0.20 0.00	32.26 -0.27 0.00	28.85 -0.20 0.00	27.12 -0.18 0.00	27.33 -0.16 0.00	32.80 -0.33 0.00	39.95 -0.24 0.00	42.02 -0.18 0.04	94.38 -0.14 0.00	50.33 -0.13 0.00	48.03 -0.04 0.00	44.79 -0.42 0.00	64.37 -0.97 0.00	40.30 -0.30 0.00	46.90 -0.62 -0.69	45.88 -0.70 0.00	42.61 -0.64 -0.07	43.29 -0.44 0.00	47.84 -0.18 0.00	98.90 -0.02 0.00	51.43 0.08 0.00	41.57 -0.27 0.05	35.12 -0.28 5.42	48.15 0.36 0.00
ORANGEVILLE_WT_PWR 323706	34.15 -1.21 0.00	31.27 -1.26 0.00	27.89 -1.16 0.00	26.21 -1.10 0.00	26.34 -1.15 0.00	31.37 -1.77 0.00	37.85 -2.33 0.00	39.85 -2.34 0.05	90.03 -4.49 0.00	47.84 -2.61 0.00	46.01 -2.07 0.00	42.57 -2.64 0.00	61.38 -3.96 0.00	38.51 -2.09 0.00	42.10 -3.20 1.53	43.37 -3.21 0.00	39.73 -2.97 0.46	40.97 -2.74 0.01	45.24 -2.76 0.01	94.59 -4.33 0.00	49.34 -2.01 0.00	39.75 -2.07 0.08	30.21 -1.89 8.73	46.63 -1.16 0.00
ORANGEVILLE____ESR 323794	34.15 -1.21 0.00	31.27 -1.26 0.00	27.89 -1.16 0.00	26.21 -1.10 0.00	26.34 -1.15 0.00	31.37 -1.77 0.00	37.85 -2.33 0.00	39.85 -2.34 0.05	90.03 -4.49 0.00	47.84 -2.61 0.00	46.01 -2.07 0.00	42.57 -2.64 0.00	61.38 -3.96 0.00	38.51 -2.09 0.00	42.10 -3.20 1.53	43.37 -3.21 0.00	39.73 -2.97 0.46	40.97 -2.74 0.01	45.24 -2.76 0.01	94.59 -4.33 0.00	49.34 -2.01 0.00	39.75 -2.07 0.08	30.21 -1.89 8.73	46.63 -1.16 0.00

OSWEGATCHIE___HYD 24044	34.26 -1.10 0.00	31.55 -0.98 0.00	28.12 -0.93 0.00	26.46 -0.85 0.00	26.68 -0.81 0.00	32.25 -0.89 0.00	39.13 -1.06 0.00	41.18 -1.05 0.00	91.99 -2.53 0.00	49.17 -1.29 0.00	46.73 -1.35 0.00	43.91 -1.30 0.00	63.01 -2.33 0.00	39.04 -1.56 0.00	45.08 -1.83 -0.10	44.94 -1.65 0.00	41.77 -1.40 0.00	42.45 -1.27 0.00	46.65 -1.36 0.00	96.49 -2.43 0.00	50.08 -1.28 0.00	40.51 -1.38 0.00	39.21 -1.61 0.00	45.40 -2.38 0.00
OSWEGO___5 23606	34.71 -0.65 0.00	31.92 -0.62 0.00	28.50 -0.55 0.00	26.79 -0.52 0.00	26.97 -0.52 0.00	32.50 -0.64 0.00	39.37 -0.82 0.00	41.32 -0.91 0.00	92.53 -2.00 0.00	49.37 -1.09 0.00	47.07 -1.00 0.00	44.19 -1.02 0.00	63.82 -1.51 0.00	39.70 -0.91 0.00	45.95 -1.10 -0.23	45.50 -1.09 0.00	42.12 -1.05 0.00	42.67 -1.06 0.00	46.91 -1.11 0.00	96.75 -2.17 0.00	50.23 -1.13 0.00	40.95 -0.94 0.00	39.90 -0.92 0.00	46.82 -0.96 0.00
OSWEGO___6 23613	34.71 -0.65 0.00	31.92 -0.62 0.00	28.50 -0.55 0.00	26.79 -0.52 0.00	26.97 -0.52 0.00	32.50 -0.64 0.00	39.37 -0.82 0.00	41.32 -0.91 0.00	92.53 -2.00 0.00	49.37 -1.09 0.00	47.07 -1.00 0.00	44.19 -1.02 0.00	63.82 -1.51 0.00	39.70 -0.91 0.00	45.95 -1.10 -0.23	45.50 -1.09 0.00	42.12 -1.05 0.00	42.67 -1.06 0.00	46.91 -1.11 0.00	96.75 -2.17 0.00	50.23 -1.13 0.00	40.95 -0.94 0.00	39.90 -0.92 0.00	46.82 -0.96 0.00
OUTOKUMPU-AB___DRP 24206	33.70 -1.66 0.00	30.89 -1.64 0.00	27.57 -1.49 0.00	25.90 -1.41 0.00	26.10 -1.39 0.00	31.11 -2.03 0.00	37.54 -2.65 0.00	39.76 -2.44 0.04	89.22 -5.30 0.00	47.24 -3.22 0.00	45.43 -2.65 0.00	42.05 -3.15 0.00	60.38 -4.97 -0.01	37.82 -2.81 -0.02	42.73 -3.97 0.11	42.75 -3.84 0.00	39.41 -3.64 0.12	40.51 -3.21 0.00	44.71 -3.30 0.00	92.97 -5.95 0.00	48.60 -2.75 0.00	39.39 -2.45 0.06	32.08 -2.29 6.46	45.87 -1.92 0.00
OXBOW___BTM 323836	33.39 -1.98 0.00	30.69 -1.84 0.00	27.36 -1.69 0.00	25.71 -1.59 0.00	25.90 -1.59 0.00	30.88 -2.26 0.00	37.18 -3.01 0.00	39.37 -2.83 0.03	88.29 -6.23 0.00	46.71 -3.74 0.00	44.96 -3.12 0.00	41.60 -3.61 0.00	59.69 -5.66 -0.01	37.35 -3.27 -0.02	42.29 -4.44 0.10	42.31 -4.27 0.00	38.98 -4.08 0.11	40.07 -3.65 0.00	44.21 -3.80 0.00	91.91 -7.01 0.00	48.01 -3.34 0.00	38.95 -2.89 0.06	31.77 -2.70 6.35	45.37 -2.42 0.00
OXBOW___ 24026	33.38 -1.98 0.00	30.66 -1.87 0.00	27.36 -1.69 0.00	25.72 -1.59 0.00	25.91 -1.59 0.00	30.88 -2.26 0.00	37.19 -3.00 0.00	39.37 -2.83 0.03	88.27 -6.25 0.00	46.73 -3.73 0.00	44.95 -3.12 0.00	41.60 -3.61 0.00	59.69 -5.65 -0.01	37.36 -3.26 -0.02	42.29 -4.43 0.10	42.31 -4.28 0.00	38.96 -4.09 0.11	40.07 -3.66 0.00	44.21 -3.80 0.00	91.87 -7.05 0.00	48.02 -3.33 0.00	38.98 -2.86 0.06	31.80 -2.67 6.35	45.38 -2.41 0.00
OXY_CHEM_DSASP 323612	32.79 -2.58 0.00	30.17 -2.36 0.00	26.93 -2.13 0.00	25.31 -2.00 0.00	25.49 -2.00 0.00	30.38 -2.76 0.00	36.49 -3.70 0.00	38.61 -3.59 0.03	86.51 -8.01 0.00	45.77 -4.68 0.00	44.04 -4.03 0.00	40.76 -4.45 0.00	58.41 -6.92 0.01	36.51 -4.08 0.02	41.44 -5.29 0.09	41.47 -5.11 0.00	38.15 -4.91 0.11	39.23 -4.49 0.00	43.29 -4.72 0.00	89.93 -8.99 0.00	47.01 -4.34 0.00	38.20 -3.64 0.06	31.19 -3.40 6.24	44.51 -3.28 0.00
OZONE_PARK_ESR 323760	38.09 2.72 0.00	34.88 2.35 0.00	31.19 2.14 0.00	29.35 2.04 0.00	29.51 2.02 0.00	35.41 2.27 0.00	43.02 2.83 0.00	45.30 3.07 0.00	101.68 7.16 0.00	54.46 4.00 0.00	52.04 3.97 0.00	49.11 3.90 0.00	71.55 6.21 0.00	44.54 3.94 0.00	54.06 4.64 -2.60	51.12 4.53 0.00	47.36 4.20 0.00	48.10 4.36 -0.01	52.69 4.68 0.00	108.43 9.51 0.00	56.14 4.78 0.00	45.54 3.64 0.00	44.33 3.51 0.00	51.51 3.73 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.79 -2.58 0.00	30.17 -2.36 0.00	26.93 -2.13 0.00	25.31 -2.00 0.00	25.49 -2.00 0.00	30.38 -2.76 0.00	36.49 -3.70 0.00	38.61 -3.59 0.03	86.51 -8.01 0.00	45.77 -4.68 0.00	44.04 -4.03 0.00	40.76 -4.45 0.00	58.41 -6.92 0.01	36.51 -4.08 0.02	41.44 -5.29 0.09	41.47 -5.11 0.00	38.15 -4.91 0.11	39.23 -4.49 0.00	43.29 -4.72 0.00	89.93 -8.99 0.00	47.01 -4.34 0.00	38.20 -3.64 0.06	31.19 -3.40 6.24	44.51 -3.28 0.00
PACKARD___115KV_DUPONT_184 80571	32.79 -2.57 0.00	30.20 -2.33 0.00	26.93 -2.13 0.00	25.31 -2.00 0.00	25.49 -2.00 0.00	30.38 -2.76 0.00	36.49 -3.70 0.00	38.62 -3.58 0.03	86.53 -7.99 0.00	45.76 -4.69 0.00	44.05 -4.02 0.00	40.75 -4.45 0.00	58.42 -6.91 0.01	36.50 -4.09 0.02	41.44 -5.29 0.09	41.48 -5.11 0.00	38.16 -4.90 0.11	39.23 -4.49 0.00	43.30 -4.71 0.00	89.97 -8.95 0.00	47.01 -4.35 0.00	38.17 -3.67 0.06	31.16 -3.42 6.24	44.49 -3.30 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.83 2.46 0.00	34.69 2.16 0.00	31.01 1.95 0.00	29.15 1.84 0.00	29.31 1.82 0.00	35.17 2.03 0.00	42.64 2.45 0.00	44.86 2.62 0.00	100.59 6.06 0.00	53.90 3.45 0.00	51.53 3.45 0.00	48.59 3.38 0.00	70.73 5.40 0.00	44.08 3.48 0.00	53.52 4.10 -2.60	50.55 3.97 0.00	46.86 3.69 0.00	47.56 3.82 -0.01	52.09 4.08 0.00	107.24 8.32 0.00	55.51 4.16 0.00	45.12 3.22 0.00	43.96 3.13 0.00	51.03 3.25 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.75 3.39 0.00	35.58 3.05 0.00	31.82 2.77 0.00	29.91 2.60 0.00	30.09 2.60 0.00	36.14 3.00 0.00	43.81 3.62 0.00	45.97 3.73 0.00	103.11 8.59 0.00	55.24 4.79 0.00	52.76 4.68 0.00	49.72 4.51 0.00	72.38 7.05 0.00	45.07 4.47 0.00	54.64 5.23 -2.60	51.68 5.10 0.00	47.90 4.73 0.00	48.65 4.91 -0.01	53.24 5.23 0.00	109.66 10.74 0.00	56.73 5.38 0.00	46.07 4.17 0.00	44.83 4.00 0.00	52.11 4.33 0.00
PATROON___115KV_TB1 80586	36.48 1.11 0.00	33.53 1.00 0.00	29.96 0.90 0.00	28.16 0.85 0.00	28.34 0.85 0.00	34.14 1.00 0.00	41.37 1.18 0.00	43.48 1.25 0.00	97.84 3.32 0.00	52.51 2.06 0.00	50.00 1.93 0.00	46.93 1.72 0.00	67.72 2.38 0.00	42.11 1.50 0.00	51.62 1.78 -3.02	48.37 1.79 0.00	44.83 1.66 0.00	45.29 1.55 -0.02	49.60 1.59 0.00	101.96 3.04 0.00	52.79 1.43 0.00	43.15 1.25 0.00	42.18 1.35 0.00	49.56 1.78 0.00
PATTRSNVILLE___SOLAR 323815	36.72 1.36 0.00	33.72 1.19 0.00	30.11 1.05 0.00	28.30 0.99 0.00	28.50 1.00 0.00	34.39 1.25 0.00	41.82 1.64 0.00	43.97 1.73 0.00	98.43 3.91 0.00	52.56 2.11 0.00	50.05 1.98 0.00	47.01 1.80 0.00	67.91 2.58 0.00	42.12 1.52 0.00	51.71 1.81 -3.08	48.41 1.82 0.00	44.85 1.68 0.00	45.46 1.72 -0.02	49.96 1.95 0.00	102.83 3.92 0.00	53.36 2.00 0.00	43.52 1.63 0.00	42.46 1.64 0.00	49.61 1.82 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.85 -1.52 0.00	31.04 -1.49 0.00	27.71 -1.35 0.00	26.04 -1.27 0.00	26.20 -1.29 0.00	31.25 -1.89 0.00	37.88 -2.31 0.00	40.08 -2.11 0.04	90.05 -4.47 0.00	47.68 -2.78 0.00	45.77 -2.31 0.00	42.42 -2.79 0.00	60.96 -4.37 0.00	38.23 -2.38 -0.01	43.21 -3.51 0.11	43.15 -3.43 0.00	39.82 -3.23 0.12	40.90 -2.83 0.00	45.18 -2.83 0.00	94.04 -4.88 0.00	49.05 -2.31 0.00	39.68 -2.15 0.07	31.38 -2.02 7.43	46.30 -1.49 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.80 2.44 0.00	34.64 2.11 0.00	30.95 1.90 0.00	29.09 1.78 0.00	29.26 1.77 0.00	35.20 2.06 0.00	42.75 2.56 0.00	44.97 2.73 0.00	100.92 6.40 0.00	54.02 3.57 0.00	51.56 3.49 0.00	48.68 3.47 0.00	70.84 5.51 0.00	44.11 3.51 0.00	53.63 4.18 -2.62	50.63 4.04 0.00	46.92 3.76 0.00	47.66 3.92 -0.01	52.25 4.24 0.00	107.52 8.61 0.00	55.64 4.28 0.00	45.17 3.28 0.00	43.99 3.16 0.00	51.17 3.39 0.00
PEEKSKILL____ 23653	37.61 2.25 0.00	34.46 1.93 0.00	30.81 1.75 0.00	28.96 1.65 0.00	29.13 1.64 0.00	34.99 1.85 0.00	42.48 2.29 0.00	44.65 2.42 0.00	100.16 5.64 0.00	53.64 3.18 0.00	51.22 3.15 0.00	48.32 3.12 0.00	70.38 5.05 0.00	43.82 3.22 0.00	53.25 3.84 -2.58	50.31 3.72 0.00	46.60 3.43 0.00	47.33 3.59 -0.01	51.87 3.86 0.00	106.73 7.81 0.00	55.26 3.90 0.00	44.86 2.96 -0.01	44.54 2.86 -0.85	50.86 3.07 0.00
PGE MADISON__WINDPWR 24146	38.09 2.72 0.00	34.89 2.36 0.00	31.07 2.01 0.00	28.88 1.57 0.00	29.13 1.64 0.00	35.50 2.36 0.00	43.67 3.49 0.00	46.25 3.98 -0.04	103.91 9.38 0.00	55.60 5.15 0.00	52.26 4.19 0.00	49.03 3.83 0.00	70.56 5.22 0.00	43.97 3.36 0.00	51.67 3.67 -1.18	50.06 3.48 0.00	46.18 2.99 -0.02	46.87 3.15 0.00	51.73 3.72 0.00	108.32 9.40 0.00	56.50 5.15 0.00	45.67 3.76 -0.01	46.02 3.61 -1.60	51.92 4.13 0.00
PIERCEFIELD____HYD 23852	33.84 -1.53 0.00	31.21 -1.32 0.00	27.86 -1.20 0.00	26.20 -1.10 0.00	26.40 -1.10 0.00	31.98 -1.16 0.00	38.89 -1.30 0.00	40.99 -1.24 0.00	91.35 -3.18 0.00	48.74 -1.71 0.00	46.32 -1.76 0.00	43.49 -1.72 0.00	62.32 -3.02 0.00	38.69 -1.91 0.00	44.61 -2.27 -0.06	44.45 -2.13 0.00	41.32 -1.84 0.00	41.99 -1.74 0.00	46.07 -1.94 0.00	95.28 -3.64 0.00	49.62 -1.73 0.00	40.44 -1.45 0.00	39.11 -1.71 0.00	45.43 -2.36 0.00
PINELAWN_CC_1 323563	38.22 2.85 -0.01	35.04 2.51 0.00	31.27 2.22 0.00	29.38 2.07 0.00	29.48 1.99 0.00	35.39 2.25 0.00	42.86 2.67 0.00	45.11 2.88 0.00	100.85 6.33 0.00	54.13 3.67 0.00	52.59 3.62 -0.89	49.88 3.77 -0.90	81.98 6.08 -10.57	59.25 3.83 -14.82	54.30 4.48 -3.00	56.23 4.42 -5.23	52.91 4.13 -5.61	47.89 4.15 -0.02	54.21 4.53 -1.68	108.20 9.28 0.00	58.78 4.68 -2.75	45.41 3.50 -0.01	45.14 3.60 -0.72	52.55 3.93 -0.83
PJM_GEN_HTP_PROXY 323702	37.83 2.47 0.00	34.66 2.13 0.00	31.00 1.94 0.00	29.17 1.86 0.00	29.34 1.84 0.00	35.20 2.06 0.00	42.74 2.55 0.00	44.97 2.74 0.00	100.98 6.46 0.00	54.10 3.65 0.00	51.70 3.63 0.00	48.79 3.58 0.00	71.04 5.71 0.00	44.24 3.63 0.00	53.72 4.30 -2.60	50.76 4.17 0.00	47.03 3.86 0.00	47.75 4.01 -0.01	52.30 4.29 0.00	107.63 8.71 0.00	55.68 4.33 0.00	45.29 3.30 -0.10	43.85 3.19 0.16	51.15 3.37 0.00
PJM_GEN_KEystone 24065	35.67 0.30 0.00	32.74 0.21 0.00	29.31 0.26 0.00	27.55 0.24 0.00	27.72 0.22 0.00	33.15 0.01 0.00	40.28 0.09 0.00	42.34 0.13 0.02	95.07 0.55 0.00	50.58 0.12 0.00	48.29 0.22 0.00	45.23 0.02 0.00	65.61 0.28 0.00	41.03 0.43 0.00	48.41 0.22 -1.37	46.69 0.11 0.00	43.27 0.13 0.03	44.13 0.40 -0.01	48.53 0.52 0.00	100.43 1.51 0.00	52.11 0.75 0.00	42.22 0.27 -0.06	36.54 0.29 4.58	48.71 0.93 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.93 2.56 -0.01	34.77 2.23 0.00	31.04 1.98 0.00	29.17 1.86 0.00	29.28 1.79 0.00	35.14 2.00 0.00	42.52 2.33 0.00	44.75 2.52 0.00	100.19 5.67 0.00	53.77 3.31 0.00	52.10 3.26 -0.77	49.34 3.35 -0.78	79.81 5.36 -9.12	56.80 3.41 -12.79	53.83 4.07 -2.94	55.05 3.95 -4.51	51.65 3.64 -4.84	47.46 3.72 -0.02	53.47 4.02 -1.45	107.13 8.21 0.00	57.85 4.13 -2.37	45.08 3.08 -0.11	44.41 3.12 -0.46	51.91 3.41 -0.72
PJM_GEN_VFT_PROXY 323633	37.66 2.30 0.00	34.50 1.97 0.00	30.86 1.80 0.00	29.04 1.73 0.00	29.20 1.71 0.00	35.04 1.90 0.00	42.56 2.38 0.00	44.77 2.54 0.00	100.52 5.99 0.00	53.84 3.39 0.00	51.46 3.39 0.00	48.55 3.34 0.00	70.73 5.39 0.00	44.04 3.44 0.00	53.49 4.07 -2.60	50.54 3.96 0.00	46.82 3.65 0.00	47.56 3.82 -0.01	52.10 4.09 0.00	107.24 8.32 0.00	55.51 4.16 0.00	45.12 3.13 -0.10	43.66 2.99 0.16	50.92 3.14 0.00
PLATSBURG_115KV_PMLD1 355749	35.00 -0.36 0.00	32.48 -0.05 0.00	29.13 0.08 0.00	27.40 0.09 0.00	27.62 0.13 0.00	33.46 0.31 0.00	40.73 0.55 0.00	42.93 0.70 0.00	95.92 1.39 0.00	51.19 0.73 0.00	48.58 0.51 0.00	45.84 0.63 0.00	65.77 5.71 0.00	40.88 3.41 0.00	47.07 0.27 0.00	46.81 0.22 0.00	43.46 0.29 0.00	44.06 0.33 0.00	48.33 0.32 0.00	99.80 0.88 0.00	51.89 0.53 0.00	42.42 0.53 0.00	41.15 0.32 0.00	47.88 0.09 0.00
PLEASANTVLY____LBMP 24000	37.35 1.99 0.00	34.25 1.72 0.00	30.61 1.55 0.00	28.78 1.47 0.00	28.94 1.45 0.00	34.81 1.67 0.00	42.23 2.04 0.00	44.40 2.17 0.00	99.55 5.03 0.00	53.30 2.84 0.00	50.84 2.77 0.00	47.99 2.78 0.00	69.84 4.50 0.00	43.48 2.88 0.00	52.97 3.48 -2.67	49.93 3.34 0.00	46.26 3.10 0.00	46.95 3.21 -0.02	51.45 3.44 0.00	105.85 6.94 0.00	54.80 3.44 0.00	44.53 2.64 0.00	43.42 2.60 0.00	50.56 2.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.75 2.39 0.00	34.60 2.07 0.00	30.92 1.87 0.00	29.08 1.77 0.00	29.24 1.75 0.00	35.13 1.99 0.00	42.64 2.46 0.00	44.83 2.59 0.00	100.61 6.09 0.00	53.86 3.41 0.00	51.46 3.39 0.00	48.56 3.35 0.00	70.71 5.38 0.00	44.03 3.42 0.00	53.50 4.08 -2.60	50.54 3.95 0.00	46.82 3.65 0.00	47.53 3.79 -0.01	52.08 4.07 0.00	107.17 8.25 0.00	55.51 4.16 0.00	45.05 3.16 0.00	43.90 3.08 0.00	51.09 3.30 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.75 2.39 0.00	34.60 2.07 0.00	30.92 1.87 0.00	29.08 1.77 0.00	29.24 1.75 0.00	35.13 1.99 0.00	42.64 2.46 0.00	44.83 2.59 0.00	100.61 6.09 0.00	53.86 3.41 0.00	51.46 3.39 0.00	48.56 3.35 0.00	70.71 5.38 0.00	44.03 3.42 0.00	53.50 4.08 -2.60	50.54 3.95 0.00	46.82 3.65 0.00	47.53 3.79 -0.01	52.08 4.07 0.00	107.17 8.25 0.00	55.51 4.16 0.00	45.05 3.16 0.00	43.90 3.08 0.00	51.09 3.30 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.63 2.26 0.00	34.48 1.95 0.00	30.80 1.75 0.00	28.96 1.65 0.00	29.12 1.63 0.00	35.05 1.91 0.00	42.54 2.36 0.00	44.75 2.51 0.00	100.38 5.86 0.00	53.70 3.25 0.00	51.23 3.15 0.00	48.35 3.14 0.00	70.35 5.01 0.00	43.77 3.17 0.00	53.29 3.81 -2.66	50.26 3.67 0.00	46.57 3.41 0.00	47.28 3.54 -0.02	51.85 3.84 0.00	106.73 7.81 0.00	55.25 3.90 0.00	44.89 2.99 0.00	43.75 2.92 0.00	50.94 3.15 0.00
POLETTI____ 23519	37.79 2.43 0.00	34.63 2.10 0.00	30.97 1.91 0.00	29.15 1.85 0.00	29.32 1.82 0.00	35.16 2.02 0.00	42.67 2.49 0.00	44.90 2.67 0.00	100.79 6.26 0.00	54.00 3.55 0.00	51.61 3.53 0.00	48.69 3.49 0.00	70.91 5.58 0.00	44.16 3.55 0.00	53.62 4.20 -2.60	50.67 4.08 0.00	46.94 3.78 0.00	47.66 3.92 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.61 4.25 0.00	45.13 3.24 0.00	43.95 3.12 0.00	51.08 3.30 0.00

POMONA___ESR 323819	37.68 2.32 0.00	34.51 1.98 0.00	30.85 1.80 0.00	28.99 1.68 0.00	29.16 1.67 0.00	35.03 1.89 0.00	42.53 2.34 0.00	44.69 2.45 0.00	100.29 5.77 0.00	53.69 3.24 0.00	51.28 3.21 0.00	48.36 3.16 0.00	70.46 5.12 0.00	43.89 3.29 0.00	53.27 3.90 -2.55	50.36 3.78 0.00	46.66 3.49 0.00	47.40 3.66 -0.01	51.93 3.92 0.00	106.90 7.98 0.00	55.36 4.00 0.00	44.93 3.03 -0.01	44.60 2.90 -0.87	50.93 3.15 0.00
PORT_JEFF_3 23555	38.09 2.72 -0.01	34.99 2.46 0.00	31.24 2.18 0.00	29.34 2.03 0.00	29.44 1.95 0.00	35.34 2.20 0.00	42.79 2.61 0.00	44.99 2.76 0.00	100.42 5.90 0.00	53.94 3.49 0.00	52.40 3.50 -0.82	49.76 3.73 -0.83	81.03 6.00 -9.70	57.99 3.78 -13.61	54.36 4.57 -2.97	55.84 4.45 -4.81	52.47 4.15 -5.15	47.89 4.15 -0.02	54.10 4.55 -1.54	108.30 9.38 0.00	58.62 4.74 -2.52	45.42 3.51 -0.01	45.11 3.63 -0.66	52.47 3.92 -0.77
PORT_JEFF_4 23616	38.09 2.72 -0.01	34.99 2.46 0.00	31.24 2.18 0.00	29.34 2.03 0.00	29.44 1.95 0.00	35.34 2.20 0.00	42.79 2.61 0.00	44.99 2.76 0.00	100.42 5.90 0.00	53.94 3.49 0.00	52.40 3.50 -0.82	49.76 3.73 -0.83	81.03 6.00 -9.70	57.99 3.78 -13.61	54.36 4.57 -2.97	55.84 4.45 -4.81	52.47 4.15 -5.15	47.89 4.15 -0.02	54.10 4.55 -1.54	108.30 9.38 0.00	58.62 4.74 -2.52	45.42 3.51 -0.01	45.11 3.63 -0.66	52.47 3.92 -0.77
PORT_JEFF_IC 23713	38.12 2.75 -0.01	35.05 2.52 0.00	31.27 2.22 0.00	29.38 2.07 0.00	29.49 1.99 0.00	35.40 2.26 0.00	42.85 2.67 0.00	45.05 2.81 0.00	100.52 6.00 0.00	54.01 3.55 0.00	52.44 3.55 -0.82	49.85 3.81 -0.83	81.21 6.15 -9.73	58.12 3.87 -13.64	54.46 4.68 -2.97	55.96 4.55 -4.82	52.60 4.27 -5.16	48.00 4.26 -0.02	54.21 4.66 -1.55	108.57 9.65 0.00	58.78 4.89 -2.53	45.52 3.61 -0.01	45.20 3.71 -0.66	52.57 4.02 -0.77
PPL PILGRIM_ST_GT1 24216	38.37 3.00 -0.01	35.13 2.60 0.00	31.33 2.27 0.00	29.42 2.11 0.00	29.52 2.03 0.00	35.43 2.29 0.00	42.89 2.70 0.00	45.11 2.88 0.00	100.78 6.26 0.00	54.14 3.68 0.00	52.58 3.67 -0.83	49.91 3.86 -0.84	81.40 6.21 -9.85	58.20 3.78 -13.81	54.28 4.49 -2.97	55.88 4.42 -4.88	52.51 4.11 -5.23	47.84 4.10 -0.02	54.06 4.48 -1.57	108.14 9.22 0.00	58.59 4.68 -2.56	45.49 3.59 -0.01	45.19 3.70 -0.67	52.64 4.07 -0.78
PPL PILGRIM_ST_GT2 24217	38.37 3.00 -0.01	35.13 2.60 0.00	31.33 2.27 0.00	29.42 2.11 0.00	29.52 2.03 0.00	35.43 2.29 0.00	42.89 2.70 0.00	45.11 2.88 0.00	100.78 6.26 0.00	54.14 3.68 0.00	52.58 3.67 -0.83	49.91 3.86 -0.84	81.40 6.21 -9.85	58.20 3.78 -13.81	54.28 4.49 -2.97	55.88 4.42 -4.88	52.51 4.11 -5.23	47.84 4.10 -0.02	54.06 4.48 -1.57	108.14 9.22 0.00	58.59 4.68 -2.56	45.49 3.59 -0.01	45.19 3.70 -0.67	52.64 4.07 -0.78
PPL_SHRM_GT3 24213	38.08 2.71 -0.01	34.96 2.43 0.00	31.21 2.15 0.00	29.30 1.99 0.00	29.41 1.92 0.00	35.33 2.19 0.00	42.76 2.58 0.00	44.93 2.70 0.00	100.22 5.70 0.00	53.80 3.34 0.00	52.30 3.41 -0.82	49.70 3.66 -0.83	80.86 5.81 -9.71	57.96 3.74 -13.62	54.35 4.56 -2.97	55.85 4.45 -4.81	52.49 4.17 -5.16	47.92 4.18 -0.02	54.15 4.59 -1.55	108.41 9.49 0.00	58.68 4.80 -2.52	45.43 3.52 -0.01	45.13 3.65 -0.66	52.45 3.90 -0.77
PPL_SHRM_GT4 24214	38.08 2.71 -0.01	34.96 2.43 0.00	31.21 2.15 0.00	29.30 1.99 0.00	29.41 1.92 0.00	35.33 2.19 0.00	42.76 2.58 0.00	44.93 2.70 0.00	100.22 5.70 0.00	53.80 3.34 0.00	52.30 3.41 -0.82	49.70 3.66 -0.83	80.86 5.81 -9.71	57.96 3.74 -13.62	54.35 4.56 -2.97	55.85 4.45 -4.81	52.49 4.17 -5.16	47.92 4.18 -0.02	54.15 4.59 -1.55	108.41 9.49 0.00	58.68 4.80 -2.52	45.43 3.52 -0.01	45.13 3.65 -0.66	52.45 3.90 -0.77
PROJECT___ORANGE 1 24174	35.19 -0.17 0.00	32.34 -0.19 0.00	28.88 -0.18 0.00	27.15 -0.16 0.00	27.33 -0.16 0.00	32.94 -0.21 0.00	39.94 -0.24 0.00	41.95 -0.29 0.00	94.08 -0.45 0.00	50.21 -0.24 0.00	47.87 -0.20 0.00	44.96 -0.25 0.00	64.93 -0.41 0.00	40.39 -0.22 0.00	46.77 -0.33 -0.28	46.25 -0.33 0.00	42.83 -0.33 0.00	43.38 -0.34 0.00	47.71 -0.30 0.00	98.45 -0.47 0.00	51.09 -0.26 0.00	41.59 -0.31 0.00	40.50 -0.32 0.00	47.52 -0.26 0.00
PROJECT___ORANGE 2 24166	35.19 -0.17 0.00	32.34 -0.19 0.00	28.88 -0.18 0.00	27.15 -0.16 0.00	27.33 -0.16 0.00	32.94 -0.21 0.00	39.94 -0.24 0.00	41.95 -0.29 0.00	94.08 -0.45 0.00	50.21 -0.24 0.00	47.87 -0.20 0.00	44.96 -0.25 0.00	64.93 -0.41 0.00	40.39 -0.22 0.00	46.77 -0.33 -0.28	46.25 -0.33 0.00	42.83 -0.33 0.00	43.38 -0.34 0.00	47.71 -0.30 0.00	98.45 -0.47 0.00	51.09 -0.26 0.00	41.59 -0.31 0.00	40.50 -0.32 0.00	47.52 -0.26 0.00
PUCKETT___SOLAR 323809	36.34 0.98 0.00	33.36 0.83 0.00	29.74 0.69 0.00	27.79 0.48 0.00	27.96 0.47 0.00	33.83 0.69 0.00	41.27 1.09 0.00	43.39 1.15 -0.01	97.52 2.99 0.00	52.06 1.60 0.00	49.31 1.24 0.00	46.36 1.16 0.00	66.77 1.43 0.00	41.61 1.01 0.00	49.12 1.24 -1.06	47.77 1.19 0.00	44.21 1.05 0.00	44.77 1.04 0.00	49.41 1.40 0.00	102.38 3.47 0.00	53.13 1.77 0.00	43.20 1.24 -0.06	48.24 1.27 -6.15	49.42 1.63 0.00
PYRITES___HYD 24023	34.72 -0.64 0.00	32.01 -0.52 0.00	28.58 -0.47 0.00	26.89 -0.42 0.00	27.09 -0.40 0.00	32.85 -0.30 0.00	40.02 -0.17 0.00	42.16 -0.07 0.00	93.83 -0.70 0.00	50.01 -0.45 0.00	47.51 -0.57 0.00	44.44 -0.76 0.00	63.63 -1.71 0.00	39.45 -1.16 0.00	45.53 -1.35 -0.05	45.35 -1.24 0.00	42.07 -1.09 0.00	42.87 -0.86 0.00	47.19 -0.82 0.00	97.89 -1.03 0.00	51.01 -0.35 0.00	41.60 -0.30 0.00	40.20 -0.63 0.00	46.72 -1.07 0.00
QUAKERRD_115KV_BK1 80622	33.87 -1.50 0.00	31.08 -1.45 0.00	27.72 -1.34 0.00	26.06 -1.25 0.00	26.25 -1.24 0.00	31.54 -1.60 0.00	38.27 -1.91 0.00	40.39 -1.83 0.02	90.56 -3.97 0.00	48.16 -2.29 0.00	46.05 -2.02 0.00	42.93 -2.28 0.00	61.80 -3.53 0.00	38.53 -2.08 0.00	44.42 -2.72 -0.31	43.90 -2.68 0.00	40.66 -2.51 0.00	41.46 -2.27 0.00	45.71 -2.30 0.00	94.59 -4.33 0.00	49.24 -2.12 0.00	40.00 -1.86 0.03	35.27 -1.89 3.66	45.93 -1.86 0.00
QUENSBRY_115KV_TB8 356137	37.69 2.32 0.00	34.66 2.13 0.00	31.01 1.96 0.00	29.18 1.87 0.00	29.41 1.92 0.00	35.72 2.58 0.00	43.38 3.19 0.00	45.63 3.39 0.00	102.14 7.61 0.00	54.60 4.15 0.00	51.82 3.75 0.00	48.92 3.71 0.00	70.80 5.46 0.00	44.03 3.42 0.00	53.94 4.05 -3.06	50.44 3.85 0.00	46.82 3.65 0.00	47.39 3.65 -0.02	51.82 3.81 0.00	106.63 7.72 0.00	55.04 3.69 0.00	44.95 3.06 0.00	43.94 3.11 0.00	51.45 3.66 0.00
RAMAPO___LBMP 323565	37.54 2.17 0.00	34.38 1.86 0.00	30.73 1.68 0.00	28.88 1.58 0.00	29.05 1.55 0.00	34.90 1.76 0.00	42.37 2.19 0.00	44.52 2.28 0.00	99.87 5.35 0.00	53.45 3.00 0.00	51.04 2.97 0.00	48.12 2.92 0.00	70.13 4.80 0.00	43.69 3.08 0.00	53.03 3.67 -2.54	50.13 3.54 0.00	46.44 3.28 0.00	47.19 3.45 -0.01	51.69 3.68 0.00	106.43 7.51 0.00	55.12 3.76 0.00	44.74 2.83 -0.01	44.44 2.73 -0.88	50.74 2.95 0.00

RANKINE____ 23646	33.94 -1.43 0.00	31.09 -1.44 0.00	27.75 -1.31 0.00	26.07 -1.24 0.00	26.24 -1.25 0.00	31.29 -1.86 0.00	37.87 -2.32 0.00	40.08 -2.12 0.04	90.07 -4.45 0.00	47.71 -2.75 0.00	45.83 -2.25 0.00	42.43 -2.77 0.00	60.96 -4.37 0.00	38.18 -2.43 -0.01	43.08 -3.55 0.20	43.10 -3.49 0.00	39.74 -3.29 0.14	40.86 -2.86 0.00	45.17 -2.83 0.00	94.02 -4.90 0.00	49.10 -2.26 0.00	39.73 -2.10 0.06	31.64 -2.00 7.18	46.34 -1.45 0.00
RAVENSWOOD_GT2_1 24244	37.80 2.43 0.00	34.64 2.11 0.00	30.98 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.16 2.02 0.00	42.68 2.50 0.00	44.91 2.67 0.00	100.84 6.31 0.00	54.01 3.56 0.00	51.61 3.53 0.00	48.71 3.50 0.00	70.93 5.60 0.00	44.16 3.56 0.00	53.63 4.21 -2.60	50.68 4.09 0.00	46.94 3.78 0.00	47.66 3.92 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.62 4.26 0.00	45.14 3.25 0.00	43.97 3.14 0.00	51.09 3.30 0.00
RAVENSWOOD_GT2_2 24245	37.80 2.43 0.00	34.64 2.11 0.00	30.98 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.16 2.02 0.00	42.68 2.50 0.00	44.91 2.67 0.00	100.84 6.31 0.00	54.01 3.56 0.00	51.61 3.53 0.00	48.71 3.50 0.00	70.93 5.60 0.00	44.16 3.56 0.00	53.63 4.21 -2.60	50.68 4.09 0.00	46.94 3.78 0.00	47.66 3.92 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.62 4.26 0.00	45.14 3.25 0.00	43.97 3.14 0.00	51.09 3.30 0.00
RAVENSWOOD_GT2_3 24246	37.82 2.46 0.00	34.65 2.13 0.00	30.99 1.93 0.00	29.17 1.86 0.00	29.33 1.84 0.00	35.18 2.04 0.00	42.71 2.52 0.00	44.94 2.70 0.00	100.88 6.36 0.00	54.05 3.59 0.00	51.65 3.58 0.00	48.74 3.53 0.00	70.97 5.64 0.00	44.18 3.58 0.00	53.65 4.23 -2.60	50.70 4.11 0.00	46.97 3.81 0.00	47.70 3.96 -0.01	52.25 4.24 0.00	107.52 8.60 0.00	55.64 4.29 0.00	45.16 3.26 0.00	43.99 3.17 0.00	51.12 3.34 0.00
RAVENSWOOD_GT2_4 24247	37.82 2.46 0.00	34.65 2.13 0.00	30.99 1.93 0.00	29.17 1.86 0.00	29.33 1.84 0.00	35.18 2.04 0.00	42.71 2.52 0.00	44.94 2.70 0.00	100.88 6.36 0.00	54.05 3.59 0.00	51.65 3.58 0.00	48.74 3.53 0.00	70.97 5.64 0.00	44.18 3.58 0.00	53.65 4.23 -2.60	50.70 4.11 0.00	46.97 3.81 0.00	47.70 3.96 -0.01	52.25 4.24 0.00	107.52 8.60 0.00	55.64 4.29 0.00	45.16 3.26 0.00	43.99 3.17 0.00	51.12 3.34 0.00
RAVENSWOOD_GT3_1 24248	37.83 2.46 0.00	34.66 2.13 0.00	31.00 1.94 0.00	29.17 1.86 0.00	29.33 1.84 0.00	35.19 2.05 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.88 6.36 0.00	54.05 3.60 0.00	51.65 3.58 0.00	48.74 3.53 0.00	70.98 5.64 0.00	44.19 3.58 0.00	53.65 4.23 -2.60	50.70 4.11 0.00	46.98 3.82 0.00	47.70 3.96 -0.01	52.25 4.24 0.00	107.53 8.61 0.00	55.65 4.29 0.00	45.16 3.27 0.00	43.99 3.17 0.00	51.13 3.35 0.00
RAVENSWOOD_GT3_2 24249	37.83 2.46 0.00	34.66 2.13 0.00	31.00 1.94 0.00	29.17 1.86 0.00	29.33 1.84 0.00	35.19 2.05 0.00	42.72 2.53 0.00	44.94 2.71 0.00	100.88 6.36 0.00	54.05 3.60 0.00	51.65 3.58 0.00	48.74 3.53 0.00	70.98 5.64 0.00	44.19 3.58 0.00	53.65 4.23 -2.60	50.70 4.11 0.00	46.98 3.82 0.00	47.70 3.96 -0.01	52.25 4.24 0.00	107.53 8.61 0.00	55.65 4.29 0.00	45.16 3.27 0.00	43.99 3.17 0.00	51.13 3.35 0.00
RAVENSWOOD_GT3_3 24250	37.87 2.50 0.00	34.71 2.18 0.00	31.04 1.98 0.00	29.21 1.90 0.00	29.37 1.88 0.00	35.23 2.09 0.00	42.77 2.59 0.00	45.00 2.77 0.00	101.04 6.52 0.00	54.14 3.69 0.00	51.73 3.65 0.00	48.81 3.60 0.00	71.09 5.76 0.00	44.26 3.66 0.00	53.74 4.32 -2.60	50.78 4.19 0.00	47.05 3.88 0.00	47.77 4.04 -0.01	52.31 4.30 0.00	107.70 8.78 0.00	55.73 4.38 0.00	45.23 3.33 0.00	44.05 3.22 0.00	51.20 3.41 0.00
RAVENSWOOD_GT3_4 24251	37.87 2.50 0.00	34.71 2.18 0.00	31.04 1.98 0.00	29.21 1.90 0.00	29.37 1.88 0.00	35.23 2.09 0.00	42.77 2.59 0.00	45.00 2.77 0.00	101.04 6.52 0.00	54.14 3.69 0.00	51.73 3.65 0.00	48.81 3.60 0.00	71.09 5.76 0.00	44.26 3.66 0.00	53.74 4.32 -2.60	50.78 4.19 0.00	47.05 3.88 0.00	47.77 4.04 -0.01	52.31 4.30 0.00	107.70 8.78 0.00	55.73 4.38 0.00	45.23 3.33 0.00	44.05 3.22 0.00	51.20 3.41 0.00
RAVENSWOOD_GT_1 23729	37.88 2.51 0.00	34.70 2.17 0.00	31.06 2.01 0.00	29.23 1.93 0.00	29.39 1.90 0.00	35.21 2.07 0.00	42.74 2.55 0.00	44.98 2.74 0.00	100.96 6.43 0.00	54.10 3.64 0.00	51.72 3.64 0.00	48.78 3.57 0.00	71.02 5.69 0.00	44.24 3.64 0.00	53.71 4.29 -2.60	50.75 4.16 0.00	47.02 3.86 0.00	47.74 4.00 -0.01	52.29 4.28 0.00	107.55 8.63 0.00	55.66 4.31 0.00	45.20 3.31 0.00	44.04 3.21 0.00	51.14 3.36 0.00
RAVENSWOOD_GT_10 24258	37.80 2.43 0.00	34.64 2.11 0.00	30.98 1.93 0.00	29.15 1.85 0.00	29.32 1.82 0.00	35.16 2.02 0.00	42.68 2.50 0.00	44.91 2.67 0.00	100.84 6.31 0.00	54.01 3.56 0.00	51.61 3.53 0.00	48.71 3.50 0.00	70.93 5.59 0.00	44.16 3.56 0.00	53.63 4.21 -2.60	50.67 4.09 0.00	46.94 3.78 0.00	47.66 3.92 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.62 4.26 0.00	45.14 3.25 0.00	43.96 3.14 0.00	51.10 3.31 0.00
RAVENSWOOD_GT_11 24259	37.80 2.43 0.00	34.64 2.11 0.00	30.98 1.93 0.00	29.15 1.85 0.00	29.32 1.82 0.00	35.16 2.02 0.00	42.68 2.50 0.00	44.91 2.67 0.00	100.84 6.31 0.00	54.01 3.56 0.00	51.61 3.53 0.00	48.71 3.50 0.00	70.93 5.59 0.00	44.16 3.56 0.00	53.63 4.21 -2.60	50.67 4.09 0.00	46.94 3.78 0.00	47.66 3.92 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.62 4.26 0.00	45.14 3.25 0.00	43.96 3.14 0.00	51.10 3.31 0.00
RAVENSWOOD_GT_4 24252	37.83 2.46 0.00	34.66 2.13 0.00	31.01 1.95 0.00	29.18 1.87 0.00	29.35 1.85 0.00	35.19 2.05 0.00	42.70 2.51 0.00	44.94 2.70 0.00	100.86 6.34 0.00	54.04 3.59 0.00	51.66 3.58 0.00	48.74 3.53 0.00	70.97 5.63 0.00	44.19 3.59 0.00	53.65 4.23 -2.60	50.70 4.11 0.00	46.98 3.82 0.00	47.70 3.96 -0.01	52.24 4.23 0.00	107.51 8.59 0.00	55.63 4.27 0.00	45.16 3.27 0.00	43.99 3.17 0.00	51.12 3.33 0.00
RAVENSWOOD_GT_5 24254	37.83 2.46 0.00	34.66 2.13 0.00	31.01 1.95 0.00	29.18 1.87 0.00	29.35 1.85 0.00	35.19 2.05 0.00	42.70 2.51 0.00	44.94 2.70 0.00	100.86 6.34 0.00	54.04 3.59 0.00	51.66 3.58 0.00	48.74 3.53 0.00	70.97 5.63 0.00	44.19 3.59 0.00	53.65 4.23 -2.60	50.70 4.11 0.00	46.98 3.82 0.00	47.70 3.96 -0.01	52.24 4.23 0.00	107.51 8.59 0.00	55.63 4.27 0.00	45.16 3.27 0.00	43.99 3.17 0.00	51.12 3.33 0.00
RAVENSWOOD_GT_6 24253	37.83 2.46 0.00	34.66 2.13 0.00	31.01 1.95 0.00	29.18 1.87 0.00	29.35 1.85 0.00	35.19 2.05 0.00	42.70 2.51 0.00	44.94 2.70 0.00	100.86 6.34 0.00	54.04 3.59 0.00	51.66 3.58 0.00	48.74 3.53 0.00	70.97 5.63 0.00	44.19 3.59 0.00	53.65 4.23 -2.60	50.70 4.11 0.00	46.98 3.82 0.00	47.70 3.96 -0.01	52.24 4.23 0.00	107.51 8.59 0.00	55.63 4.27 0.00	45.16 3.27 0.00	43.99 3.17 0.00	51.12 3.33 0.00

RAVENSWOOD_GT_7 24255	37.83 2.46 0.00	34.66 2.13 0.00	31.01 1.95 0.00	29.18 1.87 0.00	29.35 1.85 0.00	35.19 2.05 0.00	42.70 2.51 0.00	44.94 2.70 0.00	100.86 6.34 0.00	54.04 3.59 0.00	51.66 3.58 0.00	48.74 3.53 0.00	70.97 5.63 0.00	44.19 3.59 0.00	53.65 4.23 -2.60	50.70 4.11 0.00	46.98 3.82 0.00	47.70 3.96 -0.01	52.24 4.23 0.00	107.51 8.59 0.00	55.63 4.27 0.00	45.16 3.27 0.00	43.99 3.17 0.00	51.12 3.33 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.80 2.43 0.00	34.64 2.11 0.00	30.98 1.93 0.00	29.15 1.85 0.00	29.32 1.82 0.00	35.16 2.02 0.00	42.68 2.50 0.00	44.91 2.67 0.00	100.84 6.31 0.00	54.01 3.56 0.00	51.61 3.53 0.00	48.71 3.50 0.00	70.93 5.59 0.00	44.16 3.56 0.00	53.63 4.21 -2.60	50.67 4.09 0.00	46.94 3.78 0.00	47.66 3.92 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.62 4.26 0.00	45.14 3.25 0.00	43.96 3.14 0.00	51.10 3.31 0.00
RAVENSWOOD_GT_9 24257	37.80 2.43 0.00	34.64 2.11 0.00	30.98 1.93 0.00	29.15 1.85 0.00	29.32 1.82 0.00	35.16 2.02 0.00	42.68 2.50 0.00	44.91 2.67 0.00	100.84 6.31 0.00	54.01 3.56 0.00	51.61 3.53 0.00	48.71 3.50 0.00	70.93 5.59 0.00	44.16 3.56 0.00	53.63 4.21 -2.60	50.67 4.09 0.00	46.94 3.78 0.00	47.66 3.92 -0.01	52.21 4.20 0.00	107.44 8.52 0.00	55.62 4.26 0.00	45.14 3.25 0.00	43.96 3.14 0.00	51.10 3.31 0.00
RAVENSWOOD___1 23533	37.87 2.50 0.00	34.68 2.15 0.00	31.05 2.00 0.00	29.22 1.92 0.00	29.39 1.90 0.00	35.20 2.06 0.00	42.73 2.54 0.00	44.96 2.73 0.00	100.91 6.39 0.00	54.09 3.64 0.00	51.70 3.63 0.00	48.79 3.58 0.00	71.00 5.66 0.00	44.23 3.62 0.00	53.69 4.27 -2.60	50.74 4.15 0.00	47.02 3.85 0.00	47.73 4.00 -0.01	52.27 4.26 0.00	107.54 8.62 0.00	55.65 4.29 0.00	45.20 3.30 0.00	44.04 3.21 0.00	51.12 3.33 0.00
RAVENSWOOD___2 23534	37.84 2.48 0.00	34.66 2.13 0.00	31.04 1.99 0.00	29.22 1.91 0.00	29.38 1.89 0.00	35.19 2.05 0.00	42.72 2.53 0.00	44.95 2.71 0.00	100.89 6.37 0.00	54.08 3.63 0.00	51.70 3.62 0.00	48.76 3.56 0.00	71.00 5.66 0.00	44.22 3.62 0.00	53.68 4.26 -2.60	50.72 4.14 0.00	47.01 3.84 0.00	47.72 3.99 -0.01	52.26 4.25 0.00	107.51 8.59 0.00	55.64 4.29 0.00	45.18 3.29 0.00	44.01 3.18 0.00	51.10 3.32 0.00
RAVENSWOOD___3 23535	37.82 2.45 0.00	34.64 2.11 0.00	30.99 1.93 0.00	29.16 1.85 0.00	29.32 1.83 0.00	35.18 2.04 0.00	42.71 2.52 0.00	44.93 2.70 0.00	100.86 6.34 0.00	54.04 3.58 0.00	51.64 3.56 0.00	48.73 3.52 0.00	70.95 5.62 0.00	44.18 3.57 0.00	53.64 4.22 -2.60	50.69 4.11 0.00	46.96 3.80 0.00	47.69 3.95 -0.01	52.23 4.22 0.00	107.50 8.58 0.00	55.63 4.28 0.00	45.16 3.26 0.00	43.99 3.16 0.00	51.11 3.32 0.00
RAVENSWOOD___4 23820	37.84 2.48 0.00	34.66 2.13 0.00	31.04 1.99 0.00	29.22 1.91 0.00	29.38 1.89 0.00	35.19 2.05 0.00	42.72 2.53 0.00	44.95 2.71 0.00	100.89 6.37 0.00	54.08 3.63 0.00	51.70 3.62 0.00	48.76 3.56 0.00	71.00 5.66 0.00	44.22 3.62 0.00	53.68 4.26 -2.60	50.72 4.14 0.00	47.01 3.84 0.00	47.72 3.99 -0.01	52.26 4.25 0.00	107.51 8.59 0.00	55.64 4.29 0.00	45.18 3.29 0.00	44.01 3.18 0.00	51.10 3.32 0.00
RCPL_TRUST___DRP 24196	37.84 2.47 0.00	34.67 2.14 0.00	31.00 1.95 0.00	29.18 1.87 0.00	29.34 1.85 0.00	35.21 2.07 0.00	42.75 2.56 0.00	44.98 2.75 0.00	100.99 6.47 0.00	54.11 3.66 0.00	51.70 3.63 0.00	48.79 3.58 0.00	71.06 5.72 0.00	44.24 3.64 0.00	53.72 4.30 -2.60	50.77 4.19 0.00	47.03 3.86 0.00	47.75 4.02 -0.01	52.31 4.30 0.00	107.64 8.72 0.00	55.69 4.33 0.00	45.19 3.30 0.00	44.02 3.19 0.00	51.16 3.38 0.00
RED___ROCHESTER 323720	34.73 -0.63 0.00	31.86 -0.67 0.00	28.39 -0.67 0.00	26.68 -0.63 0.00	26.89 -0.60 0.00	32.27 -0.87 0.00	39.20 -0.99 0.00	41.55 -0.67 0.02	93.12 -1.41 0.00	49.52 -0.94 0.00	47.63 -0.45 0.00	44.27 -0.93 0.00	63.64 -1.69 0.00	39.71 -0.89 0.00	45.68 -1.46 -0.32	45.16 -1.43 0.00	41.81 -1.36 0.00	42.80 -0.92 0.00	47.26 -0.75 0.00	97.35 -1.57 0.00	50.64 -0.72 0.00	41.08 -0.78 0.04	35.88 -0.86 4.09	47.21 -0.58 0.00
REGAN___SOLAR 323812	37.31 1.94 0.00	34.25 1.72 0.00	30.53 1.47 0.00	28.68 1.37 0.00	28.92 1.43 0.00	34.96 1.82 0.00	42.75 2.57 0.00	45.06 2.82 0.00	100.84 6.31 0.00	53.78 3.33 0.00	51.20 3.13 0.00	47.83 2.62 0.00	68.91 3.58 0.00	42.70 2.10 0.00	52.34 2.44 -3.08	48.97 2.38 0.00	45.36 2.19 0.00	46.13 2.39 -0.02	50.86 2.85 0.00	104.75 5.83 0.00	54.49 3.14 0.00	44.34 2.44 0.00	43.18 2.36 0.00	50.36 2.57 0.00
RENSSELAER___COGEN 23796	36.31 0.94 0.00	33.37 0.84 0.00	29.82 0.76 0.00	28.03 0.72 0.00	28.21 0.71 0.00	33.97 0.83 0.00	41.15 0.97 0.00	43.23 1.00 0.00	96.63 2.10 0.00	51.59 1.14 0.00	49.11 1.03 0.00	46.35 1.15 0.00	67.29 1.96 0.00	41.84 1.24 0.00	51.31 1.49 -3.00	48.06 1.47 0.00	44.55 1.38 0.00	45.03 1.29 -0.02	49.32 1.31 0.00	101.37 2.45 0.00	52.49 1.13 0.00	42.92 1.03 0.00	41.97 1.15 0.00	49.34 1.56 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.55 3.19 0.00	35.58 3.05 0.00	31.88 2.82 0.00	30.00 2.69 0.00	30.29 2.80 0.00	37.11 3.97 0.00	44.99 4.81 0.00	47.28 5.05 0.00	105.47 10.95 0.00	56.41 5.96 0.00	53.23 5.15 0.00	50.48 5.28 0.00	72.78 7.44 0.00	45.39 4.79 0.00	55.57 5.69 -3.06	52.14 5.55 0.00	48.64 5.48 0.00	49.38 5.64 -0.02	53.88 5.87 0.00	110.99 12.07 0.00	56.96 5.60 0.00	46.19 4.29 0.00	45.40 4.58 0.00	53.14 5.36 0.00
REVERE_CPPR_DRP 24186	36.55 1.19 0.00	33.56 1.03 0.00	29.94 0.88 0.00	28.14 0.83 0.00	28.35 0.85 0.00	34.27 1.12 0.00	41.76 1.57 0.00	43.90 1.67 0.00	98.62 4.10 0.00	52.69 2.24 0.00	50.12 2.05 0.00	47.16 1.95 0.00	67.80 2.47 0.00	42.10 1.50 0.00	48.72 1.73 -0.17	48.33 1.74 0.00	44.84 1.68 0.00	45.49 1.77 0.00	50.08 2.07 0.00	103.43 4.52 0.00	53.60 2.24 0.00	43.39 1.50 0.00	42.18 1.35 0.00	49.14 1.36 0.00
REYNLDPA_13_KV_LD 356490	35.15 -0.21 0.00	32.43 -0.10 0.00	28.96 -0.09 0.00	27.24 -0.07 0.00	27.43 -0.06 0.00	33.15 0.01 0.00	40.30 0.11 0.00	42.45 0.22 0.00	94.73 0.21 0.00	50.40 -0.06 0.00	47.91 -0.16 0.00	45.02 -0.18 0.00	64.68 -0.65 0.00	40.14 -0.47 0.00	46.29 -0.54 0.00	46.08 -0.50 0.00	42.88 -0.29 0.00	43.63 -0.09 0.00	47.66 -0.35 0.00	97.93 -0.99 0.00	51.06 -0.30 0.00	41.75 -0.14 0.00	40.64 -0.18 0.00	47.56 -0.23 0.00
REYNOLDS_115KV_TB3 80639	36.63 1.26 0.00	33.67 1.14 0.00	30.08 1.02 0.00	28.27 0.96 0.00	28.44 0.95 0.00	34.27 1.13 0.00	41.49 1.31 0.00	43.60 1.37 0.00	97.55 3.03 0.00	52.13 1.67 0.00	49.61 1.54 0.00	46.81 1.60 0.00	67.95 2.62 0.00	42.21 1.60 0.00	51.79 1.96 -3.00	48.52 1.93 0.00	44.96 1.79 0.00	45.42 1.68 -0.02	49.75 1.74 0.00	102.26 3.34 0.00	52.95 1.59 0.00	43.34 1.45 0.00	42.38 1.56 0.00	49.70 1.91 0.00

RIVERBAY____ 323610	38.75 3.39 0.00	35.58 3.05 0.00	31.82 2.77 0.00	29.91 2.60 0.00	30.09 2.60 0.00	36.14 3.00 0.00	43.81 3.62 0.00	45.97 3.73 0.00	103.11 8.59 0.00	55.24 4.79 0.00	52.76 4.68 0.00	49.72 4.51 0.00	72.38 7.05 0.00	45.07 4.47 0.00	54.64 5.23 -2.60	51.68 5.10 0.00	47.90 4.73 0.00	48.65 4.91 -0.01	53.24 5.23 0.00	109.66 10.74 0.00	56.73 5.38 0.00	46.07 4.17 0.00	44.83 4.00 0.00	52.11 4.33 0.00
RIVERSDE_115KV_TB3 55908	36.52 1.16 0.00	33.58 1.05 0.00	29.99 0.93 0.00	28.19 0.89 0.00	28.37 0.88 0.00	34.17 1.03 0.00	41.40 1.21 0.00	43.50 1.27 0.00	97.31 2.79 0.00	52.02 1.56 0.00	49.52 1.44 0.00	46.70 1.49 0.00	67.78 2.44 0.00	42.12 1.52 0.00	51.66 1.83 -3.01	48.39 1.81 0.00	44.85 1.69 0.00	45.31 1.58 -0.02	49.61 1.60 0.00	101.98 3.06 0.00	52.82 1.46 0.00	43.21 1.31 0.00	42.24 1.42 0.00	49.60 1.81 0.00
ROARING__BROOK_WT_PWR 323790	35.26 -0.10 0.00	32.46 -0.07 0.00	29.00 -0.05 0.00	27.26 -0.05 0.00	27.44 -0.06 0.00	33.08 -0.07 0.00	40.12 -0.07 0.00	42.12 -0.11 0.00	94.32 -0.21 0.00	50.40 -0.06 0.00	48.03 -0.05 0.00	45.16 -0.05 0.00	65.19 -0.14 0.00	40.51 -0.10 0.00	46.72 -0.10 0.00	46.49 -0.09 0.00	43.10 -0.07 0.00	43.68 -0.04 0.00	47.93 -0.09 0.00	98.81 -0.11 0.00	51.26 -0.09 0.00	41.70 -0.19 0.00	40.58 -0.25 0.00	47.29 -0.49 0.00
ROCHESRG_115KV_T4 355643	34.36 -1.01 0.00	31.52 -1.01 0.00	28.10 -0.96 0.00	26.42 -0.89 0.00	26.61 -0.88 0.00	31.93 -1.22 0.00	38.72 -1.47 0.00	40.91 -1.30 0.02	91.69 -2.84 0.00	48.74 -1.72 0.00	46.69 -1.39 0.00	43.44 -1.77 0.00	62.50 -2.84 0.00	38.98 -1.62 0.00	44.88 -2.26 -0.32	44.37 -2.21 0.00	41.09 -2.08 0.00	41.96 -1.77 0.00	46.29 -1.72 0.00	95.82 -3.10 0.00	49.89 -1.46 0.00	40.52 -1.34 0.04	35.44 -1.37 4.01	46.63 -1.16 0.00
ROCHESTER_9_IC 23652	34.59 -0.78 0.00	31.72 -0.81 0.00	28.27 -0.78 0.00	26.58 -0.72 0.00	26.79 -0.70 0.00	32.14 -1.00 0.00	39.01 -1.18 0.00	41.29 -0.92 0.02	92.52 -2.00 0.00	49.22 -1.24 0.00	47.25 -0.83 0.00	43.93 -1.28 0.00	63.18 -2.16 0.00	39.42 -1.19 0.00	45.35 -1.79 -0.32	44.83 -1.75 0.00	41.52 -1.65 0.00	42.45 -1.28 0.00	46.84 -1.17 0.00	96.75 -2.17 0.00	50.32 -1.04 0.00	40.85 -1.01 0.04	35.67 -1.08 4.08	46.98 -0.81 0.00
ROCKVIEW_13_KV_LD 356306	37.87 2.50 0.00	34.70 2.17 0.00	31.02 1.96 0.00	29.17 1.86 0.00	29.33 1.84 0.00	35.22 2.08 0.00	42.74 2.56 0.00	44.94 2.71 0.00	100.87 6.34 0.00	54.01 3.56 0.00	51.61 3.53 0.00	48.70 3.49 0.00	70.92 5.58 0.00	44.15 3.55 0.00	53.64 4.22 -2.60	50.69 4.10 0.00	46.97 3.80 0.00	47.69 3.95 -0.01	52.26 4.25 0.00	107.56 8.64 0.00	55.69 4.33 0.00	45.20 3.31 0.00	44.04 3.22 0.00	51.23 3.44 0.00
ROME____115KV_TB2 80656	36.55 1.19 0.00	33.56 1.03 0.00	29.94 0.88 0.00	28.14 0.83 0.00	28.35 0.85 0.00	34.27 1.12 0.00	41.76 1.57 0.00	43.90 1.67 0.00	98.62 4.10 0.00	52.69 2.24 0.00	50.12 2.05 0.00	47.16 1.95 0.00	67.80 2.47 0.00	42.10 1.50 0.00	48.72 1.73 -0.17	48.33 1.74 0.00	44.84 1.68 0.00	45.49 1.77 0.00	50.08 2.07 0.00	103.43 4.52 0.00	53.60 2.24 0.00	43.39 1.50 0.00	42.18 1.35 0.00	49.14 1.36 0.00
ROSETON____1 23587	37.31 1.95 0.00	34.20 1.67 0.00	30.57 1.51 0.00	28.74 1.43 0.00	28.90 1.41 0.00	34.76 1.62 0.00	42.17 1.98 0.00	44.32 2.09 0.00	99.40 4.87 0.00	53.20 2.75 0.00	50.77 2.69 0.00	47.90 2.69 0.00	69.70 4.37 0.00	43.40 2.80 0.00	52.80 3.38 -2.60	49.81 3.23 0.00	46.16 2.99 0.00	46.87 3.13 -0.01	51.35 3.34 0.00	105.64 6.73 0.00	54.71 3.35 0.00	44.46 2.56 0.00	43.35 2.52 0.00	50.49 2.71 0.00
ROSETON____2 23588	37.31 1.95 0.00	34.20 1.67 0.00	30.57 1.51 0.00	28.74 1.43 0.00	28.90 1.41 0.00	34.76 1.62 0.00	42.17 1.98 0.00	44.32 2.09 0.00	99.40 4.87 0.00	53.20 2.75 0.00	50.77 2.69 0.00	47.90 2.69 0.00	69.70 4.37 0.00	43.40 2.80 0.00	52.80 3.38 -2.60	49.81 3.23 0.00	46.16 2.99 0.00	46.87 3.13 -0.01	51.35 3.34 0.00	105.64 6.73 0.00	54.71 3.35 0.00	44.46 2.56 0.00	43.35 2.52 0.00	50.49 2.71 0.00
ROTTDRAM_115KV_TB3 80664	36.54 1.18 0.00	33.57 1.04 0.00	29.99 0.93 0.00	28.19 0.88 0.00	28.37 0.88 0.00	34.21 1.07 0.00	41.51 1.32 0.00	43.62 1.39 0.00	97.68 3.15 0.00	52.19 1.74 0.00	49.70 1.63 0.00	46.78 1.57 0.00	67.73 2.39 0.00	42.05 1.45 0.00	51.65 1.75 -3.08	48.31 1.72 0.00	44.76 1.59 0.00	45.32 1.58 -0.02	49.72 1.71 0.00	102.32 3.40 0.00	53.04 1.69 0.00	43.31 1.41 0.00	42.26 1.43 0.00	49.40 1.62 0.00
RUSSELL____1 23602	34.73 -0.64 0.00	31.85 -0.68 0.00	28.38 -0.67 0.00	26.68 -0.62 0.00	26.89 -0.60 0.00	32.27 -0.87 0.00	39.20 -0.99 0.00	41.55 -0.66 0.02	93.10 -1.42 0.00	49.53 -0.92 0.00	47.62 -0.45 0.00	44.28 -0.93 0.00	63.65 -1.69 0.00	39.72 -0.88 0.00	45.68 -1.46 -0.32	45.16 -1.43 0.00	41.81 -1.36 0.00	42.80 -0.92 0.00	47.26 -0.75 0.00	97.33 -1.59 0.00	50.64 -0.72 0.00	41.09 -0.77 0.04	35.89 -0.85 4.09	47.22 -0.57 0.00
RUSSELL____2 23532	34.73 -0.64 0.00	31.85 -0.68 0.00	28.38 -0.67 0.00	26.68 -0.62 0.00	26.89 -0.60 0.00	32.27 -0.87 0.00	39.20 -0.99 0.00	41.55 -0.66 0.02	93.10 -1.42 0.00	49.53 -0.92 0.00	47.62 -0.45 0.00	44.28 -0.93 0.00	63.65 -1.69 0.00	39.72 -0.88 0.00	45.68 -1.46 -0.32	45.16 -1.43 0.00	41.81 -1.36 0.00	42.80 -0.92 0.00	47.26 -0.75 0.00	97.33 -1.59 0.00	50.64 -0.72 0.00	41.09 -0.77 0.04	35.89 -0.85 4.09	47.22 -0.57 0.00
RUSSELL____3 23549	34.73 -0.64 0.00	31.85 -0.68 0.00	28.38 -0.67 0.00	26.68 -0.62 0.00	26.89 -0.60 0.00	32.27 -0.87 0.00	39.20 -0.99 0.00	41.55 -0.66 0.02	93.10 -1.42 0.00	49.53 -0.92 0.00	47.62 -0.45 0.00	44.28 -0.93 0.00	63.65 -1.69 0.00	39.72 -0.88 0.00	45.68 -1.46 -0.32	45.16 -1.43 0.00	41.81 -1.36 0.00	42.80 -0.92 0.00	47.26 -0.75 0.00	97.33 -1.59 0.00	50.64 -0.72 0.00	41.09 -0.77 0.04	35.89 -0.85 4.09	47.22 -0.57 0.00
RUSSELL____4 23556	34.73 -0.64 0.00	31.85 -0.68 0.00	28.38 -0.67 0.00	26.68 -0.62 0.00	26.89 -0.60 0.00	32.27 -0.87 0.00	39.20 -0.99 0.00	41.55 -0.66 0.02	93.10 -1.42 0.00	49.53 -0.92 0.00	47.62 -0.45 0.00	44.28 -0.93 0.00	63.65 -1.69 0.00	39.72 -0.88 0.00	45.68 -1.46 -0.32	45.16 -1.43 0.00	41.81 -1.36 0.00	42.80 -0.92 0.00	47.26 -0.75 0.00	97.33 -1.59 0.00	50.64 -0.72 0.00	41.09 -0.77 0.04	35.89 -0.85 4.09	47.22 -0.57 0.00
RUSSELL__STATION 23914	34.73 -0.64 0.00	31.85 -0.68 0.00	28.38 -0.67 0.00	26.68 -0.62 0.00	26.89 -0.60 0.00	32.27 -0.87 0.00	39.20 -0.99 0.00	41.55 -0.66 0.02	93.10 -1.42 0.00	49.53 -0.92 0.00	47.62 -0.45 0.00	44.28 -0.93 0.00	63.65 -1.69 0.00	39.72 -0.88 0.00	45.68 -1.46 -0.32	45.16 -1.43 0.00	41.81 -1.36 0.00	42.80 -0.92 0.00	47.26 -0.75 0.00	97.33 -1.59 0.00	50.64 -0.72 0.00	41.09 -0.77 0.04	35.89 -0.85 4.09	47.22 -0.57 0.00

S SALMON___HYD 24043	34.89 -0.47 0.00	32.07 -0.46 0.00	28.63 -0.42 0.00	26.92 -0.39 0.00	27.12 -0.38 0.00	32.61 -0.54 0.00	39.37 -0.82 0.00	41.34 -0.89 0.00	92.62 -1.90 0.00	49.52 -0.94 0.00	47.24 -0.83 0.00	44.43 -0.78 0.00	64.02 -1.32 0.00	39.78 -0.83 0.00	46.06 -0.99 -0.23	45.64 -0.95 0.00	42.30 -0.87 0.00	42.89 -0.83 0.00	47.19 -0.82 0.00	97.61 -1.31 0.00	50.59 -0.77 0.00	41.07 -0.82 0.00	39.92 -0.91 0.00	46.70 -1.09 0.00
S.PERRY___115KV_TB1 80734	35.72 0.36 0.00	32.63 0.10 0.00	29.08 0.03 0.00	27.38 0.07 0.00	27.58 0.09 0.00	32.98 -0.16 0.00	40.08 -0.10 0.00	42.26 0.07 0.05	95.41 0.88 0.00	50.65 0.19 0.00	48.50 0.43 0.00	44.83 -0.38 0.00	64.59 -0.74 0.00	40.56 -0.04 0.00	48.47 -0.85 -2.49	45.65 -0.93 0.00	42.88 -0.77 -0.48	43.39 -0.35 -0.02	48.20 0.18 -0.01	100.41 1.50 0.00	52.29 0.93 0.00	42.04 0.21 0.07	33.07 0.22 7.98	48.73 0.95 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.64 -1.73 0.00	30.82 -1.71 0.00	27.50 -1.56 0.00	25.84 -1.47 0.00	26.02 -1.48 0.00	31.02 -2.12 0.00	37.50 -2.68 0.00	39.71 -2.48 0.04	89.13 -5.39 0.00	47.19 -3.26 0.00	45.33 -2.74 0.00	41.96 -3.24 0.00	60.28 -5.06 0.00	37.69 -2.92 0.00	42.61 -4.03 0.18	42.66 -3.93 0.00	39.30 -3.74 0.13	40.42 -3.31 0.00	44.67 -3.34 0.00	92.90 -6.02 0.00	48.52 -2.84 0.00	39.33 -2.51 0.06	31.74 -2.40 6.68	45.79 -2.00 0.00
SAWYER___23_KV_LOAD 55526	33.64 -1.73 0.00	30.82 -1.71 0.00	27.50 -1.56 0.00	25.84 -1.47 0.00	26.02 -1.48 0.00	31.02 -2.12 0.00	37.50 -2.68 0.00	39.71 -2.48 0.04	89.13 -5.39 0.00	47.19 -3.26 0.00	45.33 -2.74 0.00	41.96 -3.24 0.00	60.28 -5.06 0.00	37.69 -2.92 0.00	42.61 -4.03 0.18	42.66 -3.93 0.00	39.30 -3.74 0.13	40.42 -3.31 0.00	44.67 -3.34 0.00	92.90 -6.02 0.00	48.52 -2.84 0.00	39.33 -2.51 0.06	31.74 -2.40 6.68	45.79 -2.00 0.00
SELKIRK___I 23801	36.53 1.16 0.00	33.58 1.05 0.00	29.99 0.94 0.00	28.20 0.89 0.00	28.40 0.91 0.00	34.21 1.07 0.00	41.45 1.27 0.00	43.53 1.30 0.00	97.24 2.72 0.00	51.88 1.43 0.00	49.42 1.35 0.00	46.56 1.35 0.00	67.56 2.22 0.00	41.97 1.36 0.00	51.43 1.64 -2.97	48.18 1.60 0.00	44.69 1.52 0.00	45.26 1.52 -0.02	49.63 1.62 0.00	102.07 3.15 0.00	52.87 1.51 0.00	43.20 1.30 0.00	42.21 1.39 0.00	49.53 1.75 0.00
SELKIRK___II 23799	36.37 1.01 0.00	33.42 0.89 0.00	29.86 0.80 0.00	28.06 0.75 0.00	28.25 0.75 0.00	34.02 0.88 0.00	41.22 1.03 0.00	43.32 1.08 0.00	96.85 2.33 0.00	51.72 1.27 0.00	49.26 1.18 0.00	46.46 1.25 0.00	67.41 2.07 0.00	41.89 1.29 0.00	51.36 1.55 -2.99	48.11 1.53 0.00	44.60 1.43 0.00	45.11 1.37 -0.02	49.45 1.44 0.00	101.67 2.75 0.00	52.66 1.31 0.00	43.03 1.13 0.00	42.05 1.23 0.00	49.33 1.54 0.00
SENECA OSWGO___HYD 24041	34.57 -0.80 0.00	31.77 -0.76 0.00	28.36 -0.69 0.00	26.67 -0.64 0.00	26.85 -0.64 0.00	32.35 -0.79 0.00	39.20 -0.99 0.00	41.15 -1.08 0.00	92.25 -2.27 0.00	49.24 -1.22 0.00	46.93 -1.15 0.00	44.09 -1.12 0.00	63.66 -1.67 0.00	39.55 -1.05 0.00	45.83 -1.25 -0.25	45.35 -1.23 0.00	41.99 -1.18 0.00	42.55 -1.18 0.00	46.79 -1.22 0.00	96.51 -2.41 0.00	50.10 -1.26 0.00	40.82 -1.08 0.00	39.74 -1.08 0.00	46.59 -1.19 0.00
SENECA___115KV_TB3 355854	33.99 -1.38 0.00	31.16 -1.37 0.00	27.79 -1.27 0.00	26.10 -1.21 0.00	26.27 -1.22 0.00	31.33 -1.81 0.00	37.93 -2.26 0.00	40.16 -2.04 0.04	90.25 -4.27 0.00	47.77 -2.69 0.00	45.92 -2.15 0.00	42.50 -2.71 0.00	61.10 -4.24 0.00	38.25 -2.36 -0.01	43.15 -3.47 0.20	43.18 -3.41 0.00	39.81 -3.22 0.14	40.93 -2.79 0.00	45.24 -2.77 0.00	94.22 -4.70 0.00	49.17 -2.18 0.00	39.76 -2.07 0.06	31.68 -1.96 7.18	46.39 -1.40 0.00
SENECA___ENERGY 23797	35.01 -0.35 0.00	32.14 -0.38 0.00	28.71 -0.34 0.00	26.99 -0.32 0.00	27.19 -0.30 0.00	32.73 -0.41 0.00	39.77 -0.41 0.00	41.86 -0.37 0.01	93.86 -0.66 0.00	50.06 -0.39 0.00	47.74 -0.33 0.00	44.65 -0.55 0.00	64.23 -1.10 0.00	40.11 -0.49 0.00	46.58 -0.75 -0.51	45.79 -0.80 0.00	42.42 -0.78 -0.03	43.09 -0.64 0.00	47.54 -0.47 0.00	98.22 -0.70 0.00	51.08 -0.27 0.00	41.46 -0.41 0.03	37.38 -0.43 3.01	47.68 -0.11 0.00
SHOEMAKER___GT 23640	37.27 1.91 0.00	34.16 1.63 0.00	30.52 1.47 0.00	28.67 1.36 0.00	28.85 1.36 0.00	34.72 1.58 0.00	42.12 1.93 0.00	44.27 2.04 0.00	99.30 4.78 0.00	53.11 2.66 0.00	50.70 2.63 0.00	47.80 2.60 0.00	69.57 4.24 0.00	43.33 2.73 0.00	52.55 3.25 -2.48	49.67 3.08 0.00	46.02 2.86 0.00	46.79 3.05 -0.01	51.23 3.22 0.00	105.53 6.61 0.00	54.66 3.31 0.00	44.40 2.50 -0.01	44.20 2.44 -0.94	50.38 2.59 0.00
SHOEMAKR_138KV_BK 111 55601	37.27 1.90 0.00	34.16 1.63 0.00	30.52 1.47 0.00	28.67 1.36 0.00	28.85 1.35 0.00	34.70 1.56 0.00	42.11 1.92 0.00	44.25 2.02 0.00	99.26 4.74 0.00	53.10 2.65 0.00	50.69 2.61 0.00	47.79 2.59 0.00	69.57 4.23 0.00	43.31 2.71 0.00	52.53 3.24 -2.47	49.67 3.08 0.00	46.02 2.86 0.00	46.78 3.05 -0.01	51.23 3.22 0.00	105.52 6.60 0.00	54.66 3.30 0.00	44.40 2.49 -0.01	44.20 2.42 -0.95	50.38 2.59 0.00
SHOREHAM_IC_1 23715	38.08 2.71 -0.01	34.96 2.43 0.00	31.21 2.15 0.00	29.30 1.99 0.00	29.41 1.92 0.00	35.33 2.19 0.00	42.76 2.58 0.00	44.93 2.70 0.00	100.22 5.70 0.00	53.80 3.34 0.00	52.30 3.41 -0.82	49.70 3.66 -0.83	80.86 5.81 -9.71	57.96 3.74 -13.62	54.35 4.56 -2.97	55.85 4.45 -4.81	52.49 4.17 -5.16	47.92 4.18 -0.02	54.15 4.59 -1.55	108.41 9.49 0.00	58.68 4.80 -2.52	45.43 3.52 -0.01	45.13 3.65 -0.66	52.45 3.90 -0.77
SHOREHAM_IC_2 23716	38.08 2.71 -0.01	34.96 2.43 0.00	31.21 2.15 0.00	29.30 1.99 0.00	29.41 1.92 0.00	35.33 2.19 0.00	42.76 2.58 0.00	44.93 2.70 0.00	100.22 5.70 0.00	53.80 3.34 0.00	52.30 3.41 -0.82	49.70 3.66 -0.83	80.86 5.81 -9.71	57.96 3.74 -13.62	54.35 4.56 -2.97	55.85 4.45 -4.81	52.49 4.17 -5.16	47.92 4.18 -0.02	54.15 4.59 -1.55	108.41 9.49 0.00	58.68 4.80 -2.52	45.43 3.52 -0.01	45.13 3.65 -0.66	52.45 3.90 -0.77
SISSONVILLE____ 23735	33.84 -1.53 0.00	31.21 -1.32 0.00	27.86 -1.20 0.00	26.20 -1.10 0.00	26.40 -1.10 0.00	31.98 -1.16 0.00	38.89 -1.30 0.00	40.99 -1.24 0.00	91.35 -3.18 0.00	48.74 -1.71 0.00	46.32 -1.76 0.00	43.49 -1.72 0.00	62.32 -3.02 0.00	38.69 -1.91 0.00	44.61 -2.27 -0.06	44.45 -2.13 0.00	41.32 -1.84 0.00	41.99 -1.74 0.00	46.07 -1.94 0.00	95.28 -3.64 0.00	49.62 -1.73 0.00	40.44 -1.45 0.00	39.11 -1.71 0.00	45.43 -2.36 0.00
SITHE_IND_GS1 24169	34.44 -0.92 0.00	31.68 -0.85 0.00	28.29 -0.77 0.00	26.58 -0.72 0.00	26.77 -0.72 0.00	32.25 -0.89 0.00	39.03 -1.16 0.00	40.91 -1.32 0.00	91.59 -2.94 0.00	48.87 -1.59 0.00	46.59 -1.48 0.00	43.76 -1.44 0.00	63.21 -2.13 0.00	39.30 -1.31 0.00	45.45 -1.55 -0.18	45.05 -1.54 0.00	41.69 -1.47 0.00	42.21 -1.51 0.00	46.38 -1.63 0.00	95.63 -3.29 0.00	49.67 -1.68 0.00	40.52 -1.38 0.00	39.50 -1.33 0.00	46.36 -1.43 0.00

SITHE_IND_GS2 24170	34.44 -0.92 0.00	31.68 -0.85 0.00	28.29 -0.77 0.00	26.58 -0.72 0.00	26.77 -0.72 0.00	32.25 -0.89 0.00	39.03 -1.16 0.00	40.91 -1.32 0.00	91.59 -2.94 0.00	48.87 -1.59 0.00	46.59 -1.48 0.00	43.76 -1.44 0.00	63.21 -2.13 0.00	39.30 -1.31 0.00	45.45 -1.55 -0.18	45.05 -1.54 0.00	41.69 -1.47 0.00	42.21 -1.51 0.00	46.38 -1.63 0.00	95.63 -3.29 0.00	49.67 -1.68 0.00	40.52 -1.38 0.00	39.50 -1.33 0.00	46.36 -1.43 0.00
SITHE_IND_GS3 24171	34.44 -0.92 0.00	31.68 -0.85 0.00	28.29 -0.77 0.00	26.58 -0.72 0.00	26.77 -0.72 0.00	32.25 -0.89 0.00	39.03 -1.16 0.00	40.91 -1.32 0.00	91.59 -2.94 0.00	48.87 -1.59 0.00	46.59 -1.48 0.00	43.76 -1.44 0.00	63.21 -2.13 0.00	39.30 -1.31 0.00	45.45 -1.55 -0.18	45.05 -1.54 0.00	41.69 -1.47 0.00	42.21 -1.51 0.00	46.38 -1.63 0.00	95.63 -3.29 0.00	49.67 -1.68 0.00	40.52 -1.38 0.00	39.50 -1.33 0.00	46.36 -1.43 0.00
SITHE_IND_GS4 24172	34.44 -0.92 0.00	31.68 -0.85 0.00	28.29 -0.77 0.00	26.58 -0.72 0.00	26.77 -0.72 0.00	32.25 -0.89 0.00	39.03 -1.16 0.00	40.91 -1.32 0.00	91.59 -2.94 0.00	48.87 -1.59 0.00	46.59 -1.48 0.00	43.76 -1.44 0.00	63.21 -2.13 0.00	39.30 -1.31 0.00	45.45 -1.55 -0.18	45.05 -1.54 0.00	41.69 -1.47 0.00	42.21 -1.51 0.00	46.38 -1.63 0.00	95.63 -3.29 0.00	49.67 -1.68 0.00	40.52 -1.38 0.00	39.50 -1.33 0.00	46.36 -1.43 0.00
SITHE___BATAVIA 24024	34.51 -0.85 0.00	31.58 -0.95 0.00	28.13 -0.92 0.00	26.46 -0.85 0.00	26.70 -0.79 0.00	31.98 -1.17 0.00	38.80 -1.39 0.00	41.19 -1.01 0.03	92.32 -2.20 0.00	48.85 -1.61 0.00	46.90 -1.18 0.00	43.29 -1.92 0.00	62.32 -3.02 0.00	38.99 -1.62 -0.01	44.28 -2.60 -0.05	43.95 -2.63 0.00	40.65 -2.45 0.07	41.94 -1.78 0.00	46.33 -1.68 0.00	96.31 -2.61 0.00	50.28 -1.08 0.00	40.73 -1.12 0.05	34.34 -1.14 5.35	47.04 -0.74 0.00
SITHE___INDEPEND 23800	34.44 -0.92 0.00	31.68 -0.85 0.00	28.28 -0.77 0.00	26.58 -0.72 0.00	26.77 -0.72 0.00	32.25 -0.90 0.00	39.03 -1.16 0.00	40.91 -1.32 0.00	91.58 -2.94 0.00	48.87 -1.58 0.00	46.59 -1.48 0.00	43.76 -1.45 0.00	63.20 -2.13 0.00	39.30 -1.31 0.00	45.45 -1.55 -0.18	45.05 -1.54 0.00	41.69 -1.47 0.00	42.21 -1.51 0.00	46.38 -1.63 0.00	95.64 -3.28 0.00	49.67 -1.68 0.00	40.52 -1.37 0.00	39.50 -1.33 0.00	46.36 -1.43 0.00
SITHE___MASSENA 23902	35.06 -0.31 0.00	32.35 -0.18 0.00	28.88 -0.18 0.00	27.16 -0.15 0.00	27.36 -0.14 0.00	33.08 -0.06 0.00	40.22 0.03 0.00	42.38 0.15 0.00	94.54 0.02 0.00	50.43 -0.02 0.00	47.95 -0.12 0.00	45.05 -0.16 0.00	64.66 -0.67 0.00	40.21 -0.39 0.00	46.26 -0.57 0.00	46.11 -0.47 0.00	42.86 -0.31 0.00	43.50 -0.22 0.00	47.67 -0.34 0.00	98.50 -0.42 0.00	51.32 -0.04 0.00	41.90 0.01 0.00	40.61 -0.22 0.00	47.35 -0.44 0.00
SITHE___OGDNSBRG 24021	35.07 -0.29 0.00	32.35 -0.18 0.00	28.89 -0.17 0.00	27.17 -0.13 0.00	27.37 -0.12 0.00	33.17 0.03 0.00	40.41 0.22 0.00	42.58 0.35 0.00	94.77 0.24 0.00	50.50 0.04 0.00	47.98 -0.09 0.00	44.91 -0.29 0.00	64.28 -1.06 0.00	39.87 -0.74 0.00	46.00 -0.87 -0.04	45.85 -0.74 0.00	42.54 -0.63 0.00	43.31 -0.42 0.00	47.66 -0.35 0.00	98.86 -0.06 0.00	51.52 0.16 0.00	42.04 0.14 0.00	40.64 -0.19 0.00	47.29 -0.50 0.00
SITHE___STERLING 23777	36.28 0.92 0.00	33.32 0.79 0.00	29.74 0.69 0.00	27.94 0.64 0.00	28.14 0.65 0.00	33.99 0.84 0.00	41.37 1.19 0.00	43.49 1.26 0.00	97.62 3.10 0.00	52.14 1.69 0.00	49.63 1.56 0.00	46.68 1.47 0.00	67.28 1.94 0.00	41.79 1.19 0.00	48.32 1.32 -0.19	47.90 1.32 0.00	44.42 1.25 0.00	45.06 1.33 0.00	49.57 1.56 0.00	102.36 3.44 0.00	53.05 1.69 0.00	43.06 1.17 0.00	41.89 1.06 0.00	48.94 1.15 0.00
SLEIGHT__34_KV_TB1 80719	34.58 -0.79 0.00	31.72 -0.81 0.00	28.30 -0.76 0.00	26.61 -0.70 0.00	26.82 -0.67 0.00	32.29 -0.85 0.00	39.24 -0.95 0.00	41.40 -0.82 0.01	92.76 -1.76 0.00	49.37 -1.08 0.00	47.15 -0.93 0.00	44.01 -1.20 0.00	63.36 -1.98 0.00	39.50 -1.10 0.00	45.61 -1.54 -0.32	45.03 -1.56 0.00	41.68 -1.48 0.00	42.48 -1.24 0.00	46.85 -1.16 0.00	96.96 -1.96 0.00	50.45 -0.91 0.00	40.97 -0.90 0.03	36.63 -0.96 3.23	46.98 -0.81 0.00
SOUTH CAIRO___GT 23612	37.31 1.95 0.00	34.25 1.72 0.00	30.57 1.51 0.00	28.74 1.43 0.00	28.95 1.45 0.00	34.93 1.78 0.00	42.42 2.23 0.00	44.70 2.47 0.00	99.98 5.46 0.00	53.06 2.60 0.00	50.83 2.75 0.00	47.85 2.65 0.00	69.46 4.12 0.00	43.08 2.48 0.00	52.60 2.88 -2.90	49.43 2.85 0.00	45.93 2.77 0.00	46.65 2.91 -0.02	51.25 3.24 0.00	105.27 6.35 0.00	54.53 3.17 0.00	44.42 2.52 0.00	43.30 2.47 0.00	50.79 3.00 0.00
SOUTH HAMPTN___IC 23720	37.84 2.47 -0.01	34.71 2.18 0.00	30.99 1.94 0.00	29.11 1.80 0.00	29.23 1.74 0.00	35.13 1.99 0.00	42.55 2.37 0.00	44.67 2.43 0.00	99.53 5.01 0.00	53.41 2.96 0.00	52.02 3.12 -0.82	49.48 3.45 -0.83	80.35 5.31 -9.71	57.78 3.56 -13.61	54.25 4.46 -2.97	55.77 4.37 -4.81	52.41 4.09 -5.16	47.90 4.17 -0.02	54.14 4.58 -1.54	108.37 9.45 0.00	58.64 4.76 -2.52	45.32 3.41 -0.01	44.97 3.48 -0.66	52.18 3.63 -0.77
SOUTHDOW__115KV_TB1 355954	35.36 0.00 0.00	32.42 -0.11 0.00	29.04 -0.01 0.00	27.26 -0.05 0.00	27.45 -0.04 0.00	32.69 -0.45 0.00	39.79 -0.40 0.00	42.15 -0.04 0.04	95.04 0.51 0.00	50.24 -0.22 0.00	48.09 0.01 0.00	44.64 -0.57 0.00	64.29 -1.05 0.00	40.24 -0.36 0.00	45.52 -1.40 -0.10	44.72 -1.87 0.00	41.36 -1.73 0.08	42.62 -1.10 0.00	47.54 -0.46 0.00	99.46 0.54 0.00	51.73 0.37 0.00	41.62 -0.21 0.07	32.50 -0.22 8.11	48.79 1.00 0.00
SOUTHOLD_69_KV_BK 2 55809	37.50 2.13 -0.01	34.40 1.86 0.00	30.69 1.63 0.00	28.83 1.52 0.00	28.96 1.47 0.00	34.82 1.68 0.00	42.20 2.01 0.00	44.26 2.03 0.00	98.61 4.09 0.00	52.92 2.46 -0.82	51.60 2.71 -0.83	49.11 3.08 -9.71	79.65 4.60 -13.61	57.46 3.24 -2.97	53.92 4.13 -4.81	55.47 4.07 -5.16	52.13 3.80 -5.16	47.66 3.92 -0.02	53.88 4.33 -1.54	107.83 8.91 0.00	58.34 4.46 -2.52	45.03 3.13 -0.01	44.63 3.14 -0.66	51.75 3.20 -0.77
SOUTHOLD___IC 23719	37.50 2.13 -0.01	34.39 1.86 0.00	30.69 1.63 0.00	28.82 1.52 0.00	28.95 1.46 0.00	34.82 1.68 0.00	42.19 2.00 0.00	44.26 2.03 0.00	98.64 4.11 0.00	52.92 2.46 -0.82	51.60 2.71 -0.83	49.12 3.08 -9.71	79.65 4.61 -13.61	57.46 3.25 -2.97	53.92 4.14 -4.81	55.46 4.07 -5.16	52.12 3.80 -5.16	47.66 3.92 -0.02	53.88 4.33 -1.54	107.83 8.91 0.00	58.34 4.46 -2.52	45.03 3.13 -0.01	44.64 3.15 -0.66	51.75 3.20 -0.77
SOUTH_FORK_WT_PWR 323839	36.95 1.58 -0.01	33.86 1.33 0.00	30.22 1.17 0.00	28.38 1.07 0.00	28.52 1.02 0.00	34.30 1.15 0.00	41.55 1.37 0.00	43.59 1.36 0.00	97.10 2.57 0.00	52.09 1.64 -0.82	50.85 1.96 -0.83	48.43 2.40 -9.71	78.53 3.49 -13.61	56.89 2.67 -2.97	53.33 3.55 -4.81	54.89 3.50 -5.16	51.58 3.26 -0.02	47.12 3.38 -0.02	53.28 3.73 -1.54	106.60 7.68 0.00	57.69 3.81 -2.52	44.49 2.59 -0.01	44.06 2.58 -0.66	51.03 2.47 -0.77

SPIERFLS_115KV_TB 1 80737	37.52 2.15 0.00	34.48 1.95 0.00	30.83 1.78 0.00	29.00 1.69 0.00	29.21 1.72 0.00	35.42 2.28 0.00	43.01 2.82 0.00	45.24 3.01 0.00	101.30 6.77 0.00	54.14 3.68 0.00	51.45 3.38 0.00	48.52 3.31 0.00	70.25 4.92 0.00	43.66 3.06 0.00	53.49 3.61 -3.06	49.95 3.37 0.00	46.35 3.18 0.00	46.89 3.15 -0.02	51.31 3.31 0.00	105.59 6.68 0.00	54.59 3.23 0.00	44.65 2.75 0.00	43.59 2.77 0.00	51.05 3.27 0.00
ST LAWRENCE____ 23600	34.84 -0.52 0.00	32.15 -0.38 0.00	28.72 -0.33 0.00	27.00 -0.31 0.00	27.19 -0.30 0.00	32.84 -0.30 0.00	39.91 -0.27 0.00	42.06 -0.18 0.00	93.93 -0.59 0.00	50.07 -0.38 0.00	47.69 -0.39 0.00	44.80 -0.40 0.00	64.46 -0.87 0.00	40.04 -0.56 0.00	46.11 -0.71 0.00	45.93 -0.65 0.00	42.63 -0.53 0.00	43.26 -0.46 0.00	47.47 -0.54 0.00	97.88 -1.04 0.00	50.94 -0.42 0.00	41.60 -0.29 0.00	40.38 -0.44 0.00	47.18 -0.61 0.00
STATE_CA_115KV_115_LB 55624	36.48 1.11 0.00	33.53 1.00 0.00	29.96 0.90 0.00	28.16 0.85 0.00	28.34 0.85 0.00	34.14 1.00 0.00	41.37 1.18 0.00	43.48 1.25 0.00	97.86 3.34 0.00	52.51 2.06 0.00	50.00 1.93 0.00	46.93 1.72 0.00	67.74 2.41 0.00	42.11 1.50 0.00	51.63 1.79 -3.02	48.37 1.79 0.00	44.83 1.67 0.00	45.30 1.56 -0.02	49.60 1.59 0.00	101.96 3.04 0.00	52.80 1.44 0.00	43.15 1.25 0.00	42.18 1.35 0.00	49.56 1.78 0.00
STATE_ST_34_KV_LOAD 55959	35.47 0.10 0.00	32.59 0.06 0.00	29.12 0.06 0.00	27.37 0.06 0.00	27.57 0.08 0.00	33.35 0.21 0.00	40.50 0.31 0.00	42.60 0.37 0.00	95.08 0.55 0.00	50.71 0.26 0.00	48.31 0.23 0.00	45.28 0.08 0.00	65.31 -0.03 0.00	40.69 0.09 0.00	47.22 -0.05 -0.45	46.52 -0.07 0.00	43.09 -0.09 -0.02	43.68 -0.05 0.00	48.16 0.15 0.00	99.55 0.63 0.00	51.83 0.47 0.00	42.15 0.27 0.02	38.95 0.23 2.11	48.26 0.48 0.00
STATION 5_MISC_HYD 23604	34.59 -0.78 0.00	31.74 -0.79 0.00	28.27 -0.78 0.00	26.58 -0.73 0.00	26.79 -0.71 0.00	32.14 -1.00 0.00	39.01 -1.18 0.00	41.30 -0.91 0.02	92.54 -1.98 0.00	49.21 -1.24 0.00	47.24 -0.83 0.00	43.93 -1.28 0.00	63.18 -2.15 0.00	39.42 -1.19 0.00	45.35 -1.79 -0.32	44.84 -1.75 0.00	41.52 -1.65 0.00	42.45 -1.28 0.00	46.85 -1.16 0.00	96.77 -2.15 0.00	50.32 -1.04 0.00	40.84 -1.02 0.04	35.66 -1.08 4.08	46.96 -0.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.82 -0.55 0.00	31.94 -0.59 0.00	28.51 -0.54 0.00	26.81 -0.50 0.00	27.02 -0.47 0.00	32.48 -0.66 0.00	39.47 -0.72 0.00	41.64 -0.57 0.02	93.39 -1.13 0.00	49.70 -0.75 0.00	47.50 -0.57 0.00	44.29 -0.91 0.00	63.73 -1.60 0.00	39.79 -0.82 0.00	45.91 -1.24 -0.33	45.33 -1.25 0.00	41.99 -1.17 0.00	42.79 -0.93 0.00	47.19 -0.82 0.00	97.66 -1.26 0.00	50.81 -0.54 0.00	41.23 -0.64 0.03	36.41 -0.70 3.71	47.37 -0.41 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.37 -0.99 0.00	31.53 -1.00 0.00	28.11 -0.94 0.00	26.43 -0.88 0.00	26.64 -0.86 0.00	31.97 -1.17 0.00	38.79 -1.40 0.00	41.00 -1.21 0.02	91.91 -2.62 0.00	48.89 -1.57 0.00	46.83 -1.24 0.00	43.60 -1.61 0.00	62.74 -2.59 0.00	39.13 -1.47 0.00	45.05 -2.09 -0.32	44.54 -2.05 0.00	41.25 -1.91 0.00	42.12 -1.60 0.00	46.44 -1.57 0.00	96.14 -2.78 0.00	50.06 -1.30 0.00	40.63 -1.23 0.04	35.59 -1.29 3.95	46.68 -1.10 0.00
STA_56____34_KV_BUS2 355983	34.37 -0.99 0.00	31.53 -1.00 0.00	28.11 -0.94 0.00	26.43 -0.88 0.00	26.64 -0.86 0.00	31.97 -1.17 0.00	38.79 -1.40 0.00	41.00 -1.21 0.02	91.91 -2.62 0.00	48.89 -1.57 0.00	46.83 -1.24 0.00	43.60 -1.61 0.00	62.74 -2.59 0.00	39.13 -1.47 0.00	45.05 -2.09 -0.32	44.54 -2.05 0.00	41.25 -1.91 0.00	42.12 -1.60 0.00	46.44 -1.57 0.00	96.14 -2.78 0.00	50.06 -1.30 0.00	40.63 -1.23 0.04	35.59 -1.29 3.95	46.68 -1.10 0.00
STA_67____115KV_BK2 355882	34.53 -0.84 0.00	31.66 -0.87 0.00	28.23 -0.82 0.00	26.54 -0.77 0.00	26.74 -0.75 0.00	32.09 -1.05 0.00	38.93 -1.26 0.00	41.20 -1.01 0.02	92.27 -2.25 0.00	49.10 -1.36 0.00	47.10 -0.97 0.00	43.81 -1.39 0.00	63.02 -2.31 0.00	39.32 -1.29 0.00	45.24 -1.91 -0.32	44.72 -1.87 0.00	41.41 -1.76 0.00	42.33 -1.40 0.00	46.71 -1.30 0.00	96.54 -2.38 0.00	50.20 -1.15 0.00	40.76 -1.10 0.04	35.59 -1.16 4.08	46.87 -0.91 0.00
STA_7____115KV_9TRANS 80674	34.73 -0.64 0.00	31.85 -0.68 0.00	28.38 -0.67 0.00	26.68 -0.62 0.00	26.89 -0.60 0.00	32.27 -0.87 0.00	39.20 -0.99 0.00	41.55 -0.66 0.02	93.10 -1.42 0.00	49.53 -0.92 0.00	47.62 -0.45 0.00	44.28 -0.93 0.00	63.65 -1.69 0.00	39.72 -0.88 0.00	45.68 -1.46 -0.32	45.16 -1.43 0.00	41.81 -1.36 0.00	42.80 -0.92 0.00	47.26 -0.75 0.00	97.33 -1.59 0.00	50.64 -0.72 0.00	41.09 -0.77 0.04	35.89 -0.85 4.09	47.22 -0.57 0.00
STA_82____115KV_TB1 80780	34.48 -0.88 0.00	31.62 -0.91 0.00	28.19 -0.86 0.00	26.51 -0.80 0.00	26.71 -0.79 0.00	32.04 -1.10 0.00	38.88 -1.31 0.00	41.12 -1.10 0.02	92.15 -2.37 0.00	48.99 -1.46 0.00	46.96 -1.11 0.00	43.69 -1.52 0.00	62.83 -2.50 0.00	39.20 -1.41 0.00	45.12 -2.03 -0.32	44.59 -1.99 0.00	41.30 -1.86 0.00	42.21 -1.52 0.00	46.56 -1.45 0.00	96.33 -2.58 0.00	50.16 -1.20 0.00	40.72 -1.14 0.04	35.53 -1.20 4.10	46.83 -0.96 0.00
STEEL____WIND 323596	33.96 -1.40 0.00	31.13 -1.40 0.00	27.76 -1.30 0.00	26.08 -1.23 0.00	26.23 -1.26 0.00	31.30 -1.84 0.00	37.88 -2.31 0.00	40.11 -2.08 0.04	90.16 -4.37 0.00	47.72 -2.73 0.00	45.88 -2.19 0.00	42.46 -2.75 0.00	61.02 -4.31 0.00	38.20 -2.41 -0.01	43.09 -3.54 0.20	43.11 -3.48 0.00	39.75 -3.27 0.14	40.87 -2.85 0.00	45.20 -2.81 0.00	94.04 -4.88 0.00	49.13 -2.23 0.00	39.73 -2.10 0.06	31.63 -2.01 7.18	46.34 -1.44 0.00
STEPHTWN_115KV_BK_2 55603	36.57 1.20 0.00	33.62 1.09 0.00	30.04 0.98 0.00	28.23 0.92 0.00	28.42 0.93 0.00	34.24 1.10 0.00	41.53 1.34 0.00	43.64 1.40 0.00	97.53 3.00 0.00	52.07 1.61 0.00	49.58 1.50 0.00	46.80 1.59 0.00	67.95 2.61 0.00	42.24 1.64 0.00	51.75 1.93 -3.00	48.51 1.93 0.00	44.98 1.81 0.00	45.48 1.74 -0.02	49.84 1.83 0.00	102.46 3.54 0.00	53.03 1.67 0.00	43.31 1.42 0.00	42.32 1.50 0.00	49.74 1.95 0.00
STEBEN_REC_LFGE 323667	35.23 -0.13 0.00	32.16 -0.37 0.00	28.69 -0.36 0.00	27.03 -0.28 0.00	27.14 -0.35 0.00	32.17 -0.97 0.00	38.93 -1.26 0.00	40.88 -1.25 0.10	93.56 -0.96 0.00	49.79 -0.67 0.00	47.82 -0.25 0.00	44.35 -0.86 0.00	64.02 -1.32 0.00	40.30 -0.30 0.00	47.39 -1.31 -1.89	45.15 -1.44 0.00	42.33 -1.15 -0.32	42.93 -0.81 -0.01	47.58 -0.43 -0.01	99.21 0.29 0.00	51.15 -0.20 0.00	40.79 -1.00 0.10	28.47 -0.64 11.72	48.10 0.31 0.00
STILLWATER____SOLAR 323814	37.34 1.97 0.00	34.31 1.78 0.00	30.64 1.59 0.00	28.82 1.51 0.00	29.01 1.52 0.00	35.07 1.92 0.00	42.55 2.36 0.00	44.73 2.50 0.00	100.12 5.60 0.00	53.51 3.06 0.00	50.87 2.80 0.00	47.96 2.75 0.00	69.52 4.19 0.00	43.16 2.56 0.00	52.95 3.08 -3.05	49.57 2.99 0.00	45.98 2.81 0.00	46.47 2.73 -0.02	50.91 2.90 0.00	104.79 5.87 0.00	54.24 2.88 0.00	44.34 2.45 0.00	43.29 2.47 0.00	50.67 2.88 0.00

STONY___BROOK 24151	38.15 2.77 -0.01	35.08 2.55 0.00	31.31 2.25 0.00	29.40 2.09 0.00	29.51 2.02 0.00	35.44 2.30 0.00	42.91 2.72 0.00	45.11 2.88 0.00	100.69 6.16 0.00	54.09 3.64 0.00	52.52 3.62 -0.82	49.93 3.90 -0.83	81.38 6.32 -9.73	58.24 3.98 -13.65	54.58 4.79 -2.97	56.06 4.66 -4.82	52.71 4.38 -5.17	48.11 4.37 -0.02	54.35 4.80 -1.55	108.87 9.94 0.00	58.91 5.03 -2.53	45.62 3.72 -0.01	45.28 3.79 -0.66	52.65 4.09 -0.77
STURGEON_POOL_HYD 23609	37.48 2.12 0.00	34.36 1.82 0.00	30.69 1.63 0.00	28.85 1.54 0.00	29.01 1.52 0.00	34.90 1.76 0.00	42.36 2.17 0.00	44.54 2.30 0.00	99.92 5.39 0.00	53.47 3.02 0.00	51.07 3.00 0.00	48.18 2.97 0.00	70.09 4.75 0.00	43.58 2.98 0.00	53.10 3.64 -2.64	50.03 3.44 0.00	46.35 3.19 0.00	47.05 3.31 -0.01	51.61 3.60 0.00	106.31 7.39 0.00	55.06 3.70 0.00	44.71 2.81 0.00	43.56 2.73 0.00	50.67 2.88 0.00
ST_LAW_115_BK7_LBMP 345037	34.79 -0.58 0.00	32.10 -0.43 0.00	28.68 -0.38 0.00	26.96 -0.34 0.00	27.15 -0.34 0.00	32.80 -0.34 0.00	39.87 -0.31 0.00	42.02 -0.21 0.00	93.79 -0.73 0.00	50.01 -0.45 0.00	47.62 -0.46 0.00	44.73 -0.48 0.00	64.34 -0.99 0.00	39.97 -0.64 0.00	46.02 -0.80 0.00	45.84 -0.74 0.00	42.57 -0.59 0.00	43.21 -0.52 0.00	47.39 -0.62 0.00	97.69 -1.23 0.00	50.87 -0.49 0.00	41.55 -0.35 0.00	40.32 -0.51 0.00	47.09 -0.69 0.00
ST_LAW_115_BK8_LBMP 345038	34.79 -0.58 0.00	32.10 -0.43 0.00	28.68 -0.38 0.00	26.96 -0.34 0.00	27.15 -0.34 0.00	32.80 -0.34 0.00	39.87 -0.31 0.00	42.02 -0.21 0.00	93.79 -0.73 0.00	50.01 -0.45 0.00	47.62 -0.46 0.00	44.73 -0.48 0.00	64.34 -0.99 0.00	39.97 -0.64 0.00	46.02 -0.80 0.00	45.84 -0.74 0.00	42.57 -0.59 0.00	43.21 -0.52 0.00	47.39 -0.62 0.00	97.69 -1.23 0.00	50.87 -0.49 0.00	41.55 -0.35 0.00	40.32 -0.51 0.00	47.09 -0.69 0.00
ST_LAW_230_BK5_LBMP 345035	34.84 -0.52 0.00	32.15 -0.38 0.00	28.72 -0.33 0.00	27.00 -0.31 0.00	27.19 -0.30 0.00	32.84 -0.30 0.00	39.91 -0.27 0.00	42.06 -0.18 0.00	93.93 -0.59 0.00	50.07 -0.38 0.00	47.69 -0.39 0.00	44.80 -0.40 0.00	64.46 -0.87 0.00	40.04 -0.56 0.00	46.11 -0.71 0.00	45.93 -0.65 0.00	42.63 -0.53 0.00	43.26 -0.46 0.00	47.47 -0.54 0.00	97.88 -1.04 0.00	50.94 -0.42 0.00	41.60 -0.29 0.00	40.38 -0.44 0.00	47.18 -0.61 0.00
ST_LAW_230_BK6_LBMP 345036	34.84 -0.52 0.00	32.15 -0.38 0.00	28.72 -0.33 0.00	27.00 -0.31 0.00	27.19 -0.30 0.00	32.84 -0.30 0.00	39.91 -0.27 0.00	42.06 -0.18 0.00	93.93 -0.59 0.00	50.07 -0.38 0.00	47.69 -0.39 0.00	44.80 -0.40 0.00	64.46 -0.87 0.00	40.04 -0.56 0.00	46.11 -0.71 0.00	45.93 -0.65 0.00	42.63 -0.53 0.00	43.26 -0.46 0.00	47.47 -0.54 0.00	97.88 -1.04 0.00	50.94 -0.42 0.00	41.60 -0.29 0.00	40.38 -0.44 0.00	47.18 -0.61 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.44 2.07 0.00	34.30 1.76 0.00	30.65 1.60 0.00	28.80 1.49 0.00	28.96 1.47 0.00	34.82 1.68 0.00	42.27 2.08 0.00	44.41 2.18 0.00	99.64 5.11 0.00	53.33 2.88 0.00	50.91 2.84 0.00	48.02 2.81 0.00	69.91 4.57 0.00	43.54 2.93 0.00	52.83 3.51 -2.51	49.95 3.37 0.00	46.28 3.12 0.00	47.02 3.29 -0.01	51.53 3.53 0.00	106.06 7.14 0.00	54.95 3.60 0.00	44.61 2.70 -0.01	44.35 2.62 -0.91	50.60 2.81 0.00
SWANROAD_115KV_TB1 355699	32.96 -2.41 0.00	30.09 -2.44 0.00	26.83 -2.23 0.00	25.24 -2.07 0.00	25.48 -2.01 0.00	30.34 -2.80 0.00	36.61 -3.57 0.00	38.77 -3.43 0.03	86.89 -7.64 0.00	46.00 -4.45 0.00	44.34 -3.74 0.00	41.01 -4.20 0.00	59.15 -6.19 0.00	36.93 -3.68 -0.01	41.70 -5.04 0.08	41.70 -4.89 0.00	38.44 -4.61 0.11	39.51 -4.21 0.00	43.61 -4.39 0.00	90.58 -8.34 0.00	47.36 -4.00 0.00	38.51 -3.34 0.06	31.53 -3.10 6.19	44.83 -2.95 0.00
SYNERGY___BIOGAS 323694	34.51 -0.85 0.00	31.56 -0.97 0.00	28.13 -0.92 0.00	26.47 -0.84 0.00	26.71 -0.79 0.00	31.98 -1.17 0.00	38.80 -1.39 0.00	41.18 -1.02 0.03	92.30 -2.22 0.00	48.86 -1.60 0.00	46.89 -1.18 0.00	43.29 -1.91 0.00	62.32 -3.02 0.00	39.00 -1.61 -0.01	44.29 -2.58 -0.05	43.95 -2.64 0.00	40.65 -2.45 0.07	41.94 -1.78 0.00	46.32 -1.69 0.00	96.27 -2.65 0.00	50.28 -1.07 0.00	40.76 -1.09 0.05	34.37 -1.11 5.35	47.06 -0.73 0.00
SYRACUSE___ENERGY_ST1 323597	35.29 -0.08 0.00	32.42 -0.11 0.00	28.96 -0.09 0.00	27.23 -0.07 0.00	27.43 -0.06 0.00	33.08 -0.07 0.00	40.12 -0.07 0.00	42.14 -0.09 0.00	94.42 -0.11 0.00	50.38 -0.07 0.00	48.02 -0.05 0.00	45.10 -0.11 0.00	65.08 -0.25 0.00	40.50 -0.10 0.00	46.92 -0.21 -0.31	46.36 -0.22 0.00	42.95 -0.22 0.00	43.50 -0.22 0.00	47.87 -0.14 0.00	98.84 -0.08 0.00	51.31 -0.05 0.00	41.76 -0.13 0.01	39.54 -0.16 1.12	47.74 -0.05 0.00
SYRACUSE___ENERGY_ST2 323598	35.29 -0.08 0.00	32.42 -0.11 0.00	28.96 -0.09 0.00	27.23 -0.07 0.00	27.43 -0.06 0.00	33.08 -0.07 0.00	40.12 -0.07 0.00	42.14 -0.09 0.00	94.42 -0.11 0.00	50.38 -0.07 0.00	48.02 -0.05 0.00	45.10 -0.11 0.00	65.08 -0.25 0.00	40.50 -0.10 0.00	46.92 -0.21 -0.31	46.36 -0.22 0.00	42.95 -0.22 0.00	43.50 -0.22 0.00	47.87 -0.14 0.00	98.84 -0.08 0.00	51.31 -0.05 0.00	41.76 -0.13 0.01	39.54 -0.16 1.12	47.74 -0.05 0.00
SYRACUSE___POWER 24017	35.36 0.00 0.00	32.49 -0.04 0.00	29.01 -0.05 0.00	27.27 -0.05 0.00	27.46 -0.03 0.00	33.09 -0.05 0.00	40.16 -0.03 0.00	42.19 -0.05 0.00	94.61 0.09 0.00	50.48 0.03 0.00	48.14 0.06 0.00	45.21 0.00 0.00	65.26 -0.07 0.00	40.60 0.00 0.00	47.05 -0.09 -0.32	46.49 -0.10 0.00	43.06 -0.10 0.00	43.62 -0.11 0.00	47.99 -0.02 0.00	99.01 0.09 0.00	51.40 0.04 0.00	41.82 -0.07 0.00	40.73 -0.09 0.00	47.80 0.01 0.00
TALLMAN__138KV_BK151 55660	37.65 2.28 0.00	34.48 1.95 0.00	30.82 1.77 0.00	28.97 1.66 0.00	29.13 1.64 0.00	35.00 1.86 0.00	42.49 2.30 0.00	44.64 2.41 0.00	100.19 5.66 0.00	53.63 3.18 0.00	51.22 3.14 0.00	48.30 3.09 0.00	70.37 5.03 0.00	43.83 3.23 0.00	53.21 3.85 -2.54	50.31 3.72 0.00	46.61 3.44 0.00	47.36 3.62 -0.01	51.88 3.87 0.00	106.80 7.88 0.00	55.32 3.96 0.00	44.88 2.98 -0.01	44.57 2.86 -0.88	50.88 3.10 0.00
TEALLAVE_115KV_TB7 355573	35.18 -0.18 0.00	32.33 -0.20 0.00	28.87 -0.18 0.00	27.13 -0.18 0.00	27.33 -0.16 0.00	32.93 -0.21 0.00	39.93 -0.25 0.00	41.94 -0.29 0.00	94.05 -0.48 0.00	50.20 -0.25 0.00	47.87 -0.20 0.00	44.95 -0.26 0.00	64.91 -0.43 0.00	40.38 -0.23 0.00	46.75 -0.35 -0.27	46.24 -0.35 0.00	42.82 -0.34 0.00	43.37 -0.36 0.00	47.70 -0.31 0.00	98.42 -0.50 0.00	51.08 -0.28 0.00	41.57 -0.32 0.00	40.49 -0.33 0.00	47.51 -0.28 0.00
TELGRAPH_34_KV_EAST 80808	33.80 -1.57 0.00	30.89 -1.64 0.00	27.55 -1.51 0.00	25.91 -1.39 0.00	26.14 -1.35 0.00	31.22 -1.92 0.00	37.77 -2.42 0.00	40.04 -2.16 0.03	89.74 -4.79 0.00	47.51 -2.94 0.00	45.69 -2.38 0.00	42.25 -2.96 0.00	60.81 -4.52 0.00	38.01 -2.60 -0.01	43.08 -3.72 0.02	42.91 -3.67 0.00	39.69 -3.39 0.09	40.83 -2.89 0.00	45.08 -2.93 0.00	93.59 -5.33 0.00	48.90 -2.46 0.00	39.69 -2.15 0.05	33.04 -2.06 5.73	46.02 -1.77 0.00

TEMPLE___115KV_TB 2 55572	35.19 -0.17 0.00	32.34 -0.19 0.00	28.88 -0.18 0.00	27.15 -0.16 0.00	27.33 -0.16 0.00	32.94 -0.21 0.00	39.94 -0.24 0.00	41.95 -0.29 0.00	94.08 -0.45 0.00	50.21 -0.24 0.00	47.87 -0.20 0.00	44.96 -0.25 0.00	64.93 -0.41 0.00	40.39 -0.22 0.00	46.77 -0.33 -0.28	46.25 -0.33 0.00	42.83 -0.33 0.00	43.38 -0.34 0.00	47.71 -0.30 0.00	98.45 -0.47 0.00	51.09 -0.26 0.00	41.59 -0.31 0.00	40.50 -0.32 0.00	47.52 -0.26 0.00
TIANA___69_KV_BK 1 55817	37.98 2.61 -0.01	34.86 2.33 0.00	31.11 2.05 0.00	29.22 1.92 0.00	29.34 1.85 0.00	35.26 2.12 0.00	42.71 2.53 0.00	44.83 2.60 0.00	99.91 5.38 0.00	53.62 3.17 0.00	52.17 3.28 -0.82	49.63 3.60 -0.83	80.65 5.61 -9.71	57.90 3.69 -13.61	54.36 4.57 -2.97	55.88 4.49 -4.81	52.52 4.20 -5.16	47.99 4.25 -0.02	54.23 4.68 -1.54	108.59 9.67 0.00	58.76 4.88 -2.52	45.44 3.54 -0.01	45.10 3.62 -0.66	52.36 3.81 -0.77
TILDEN___115KV_TB1 80814	35.36 0.00 0.00	32.49 -0.04 0.00	29.01 -0.05 0.00	27.27 -0.05 0.00	27.46 -0.03 0.00	33.09 -0.05 0.00	40.16 -0.03 0.00	42.19 -0.05 0.00	94.61 0.09 0.00	50.48 0.03 0.00	48.14 0.06 0.00	45.21 0.00 0.00	65.26 -0.07 0.00	40.60 0.00 0.00	47.05 -0.09 -0.32	46.49 -0.10 0.00	43.06 -0.10 0.00	43.62 -0.11 0.00	47.99 -0.02 0.00	99.01 0.09 0.00	51.40 0.04 0.00	41.82 -0.07 0.00	40.73 -0.09 0.00	47.80 0.01 0.00
TRIGEN___CC 323695	38.06 2.69 -0.01	34.89 2.35 -0.01	31.15 2.09 0.00	29.27 1.96 0.00	29.39 1.90 0.00	35.28 2.14 0.00	42.73 2.55 0.00	44.97 2.74 0.00	100.74 6.22 0.00	54.03 3.58 0.00	53.04 3.55 -1.42	50.23 3.58 -1.43	87.81 5.68 -16.80	67.77 3.61 -23.56	54.36 4.31 -3.24	59.07 4.16 -8.32	55.93 3.85 -8.92	47.71 3.97 -0.02	54.95 4.27 -2.67	107.70 8.78 -0.01	60.13 4.41 -4.37	45.22 3.31 -0.02	45.28 3.31 -1.15	52.74 3.63 -1.33
TRINITY___115KV___ 4 BK 55933	36.33 0.97 0.00	33.39 0.86 0.00	29.84 0.79 0.00	28.04 0.74 0.00	28.22 0.73 0.00	34.00 0.86 0.00	41.17 0.98 0.00	43.27 1.04 0.00	96.73 2.21 0.00	51.67 1.22 0.00	49.18 1.11 0.00	46.42 1.21 0.00	67.36 2.02 0.00	41.89 1.28 0.00	51.36 1.54 -3.00	48.11 1.52 0.00	44.59 1.43 0.00	45.06 1.32 -0.02	49.34 1.33 0.00	101.41 2.49 0.00	52.53 1.17 0.00	42.95 1.06 0.00	42.01 1.18 0.00	49.37 1.58 0.00
UNION___PROCESSING_DRP 323587	34.49 -0.88 0.00	31.63 -0.90 0.00	28.20 -0.85 0.00	26.51 -0.80 0.00	26.71 -0.78 0.00	32.05 -1.09 0.00	38.88 -1.31 0.00	41.12 -1.09 0.02	92.16 -2.36 0.00	48.99 -1.46 0.00	46.97 -1.10 0.00	43.69 -1.52 0.00	62.84 -2.50 0.00	39.21 -1.39 0.00	45.12 -2.03 -0.32	44.60 -1.98 0.00	41.31 -1.86 0.00	42.21 -1.51 0.00	46.58 -1.43 0.00	96.37 -2.54 0.00	50.16 -1.20 0.00	40.73 -1.13 0.04	35.53 -1.20 4.10	46.84 -0.95 0.00
UPPER HUDSON___HYD 24058	37.51 2.14 0.00	34.48 1.95 0.00	30.83 1.78 0.00	29.00 1.69 0.00	29.21 1.72 0.00	35.42 2.28 0.00	43.01 2.82 0.00	45.24 3.01 0.00	101.31 6.78 0.00	54.14 3.69 0.00	51.45 3.37 0.00	48.52 3.31 0.00	70.25 4.92 0.00	43.66 3.06 0.00	53.49 3.61 -3.06	49.95 3.37 0.00	46.35 3.18 0.00	46.89 3.15 -0.02	51.31 3.31 0.00	105.60 6.68 0.00	54.59 3.23 0.00	44.65 2.75 0.00	43.59 2.77 0.00	51.05 3.27 0.00
UPPER RAQUET___HYD 24056	33.84 -1.53 0.00	31.21 -1.32 0.00	27.86 -1.20 0.00	26.20 -1.10 0.00	26.40 -1.10 0.00	31.98 -1.16 0.00	38.89 -1.30 0.00	40.99 -1.24 0.00	91.33 -3.19 0.00	48.74 -1.71 0.00	46.32 -1.76 0.00	43.49 -1.72 0.00	62.32 -3.01 0.00	38.69 -1.91 0.00	44.61 -2.27 -0.06	44.46 -2.13 0.00	41.32 -1.84 0.00	41.99 -1.74 0.00	46.07 -1.94 0.00	95.28 -3.64 0.00	49.62 -1.73 0.00	40.44 -1.46 0.00	39.12 -1.71 0.00	45.45 -2.34 0.00
VALLEY44___115KV_TB2 355964	34.32 -1.05 0.00	31.61 -0.92 0.00	28.29 -0.77 0.00	26.57 -0.74 0.00	26.74 -0.75 0.00	31.84 -1.30 0.00	38.74 -1.45 0.00	40.77 -1.42 0.05	91.61 -2.91 0.00	48.45 -2.00 0.00	46.38 -1.70 0.00	43.06 -2.15 0.00	62.09 -3.25 0.00	39.01 -1.60 0.00	44.46 -2.56 -0.19	43.84 -2.74 0.00	40.61 -2.50 0.06	41.60 -2.12 0.00	45.99 -2.02 0.00	95.88 -3.04 0.00	49.93 -1.43 0.00	40.28 -1.54 0.08	30.96 -1.39 8.47	47.40 -0.38 0.00
VALLEY___115KV_TB 1-4 80826	36.56 1.19 0.00	33.55 1.03 0.00	29.96 0.90 0.00	28.13 0.82 0.00	28.31 0.82 0.00	34.12 0.98 0.00	41.50 1.31 0.00	43.69 1.46 0.00	97.84 3.32 0.00	52.25 1.80 0.00	49.77 1.69 0.00	46.98 1.77 0.00	68.15 2.82 0.00	42.46 1.85 0.00	48.93 2.11 0.00	48.40 1.82 0.00	44.62 1.45 0.00	44.93 1.21 0.00	49.46 1.45 0.00	102.23 3.31 0.00	52.95 1.59 0.00	43.16 1.27 0.00	42.38 1.55 0.00	49.67 1.89 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.97 1.60 0.00	33.95 1.42 0.00	30.28 1.23 0.00	28.44 1.13 0.00	28.64 1.14 0.00	34.66 1.52 0.00	43.54 3.36 0.00	45.94 3.70 -0.01	103.37 8.84 0.00	55.22 4.77 0.00	52.35 4.28 0.00	49.25 4.04 0.00	69.04 3.70 0.00	42.79 2.18 0.00	50.97 2.69 -1.46	49.14 2.55 0.00	45.51 2.34 0.00	46.12 2.39 -0.01	50.72 2.71 0.00	104.51 5.59 0.00	54.16 2.80 0.00	44.07 2.16 -0.03	45.74 2.13 -2.79	50.16 2.38 0.00
VISCHER___FERRY HYD 24020	36.90 1.54 0.00	33.90 1.37 0.00	30.28 1.22 0.00	28.45 1.15 0.00	28.62 1.13 0.00	34.53 1.39 0.00	41.83 1.64 0.00	43.97 1.74 0.00	98.39 3.86 0.00	52.60 2.15 0.00	50.01 1.94 0.00	47.21 2.00 0.00	68.46 3.12 0.00	42.51 1.90 0.00	52.21 2.36 -3.03	48.88 2.29 0.00	45.29 2.13 0.00	45.75 2.01 -0.02	50.12 2.11 0.00	103.12 4.21 0.00	53.39 2.03 0.00	43.75 1.86 0.00	42.74 1.92 0.00	50.02 2.23 0.00
V_A_10_SYNC_DSASP 323832	33.77 -1.59 0.00	30.99 -1.54 0.00	27.64 -1.42 0.00	25.98 -1.33 0.00	26.16 -1.33 0.00	31.27 -1.87 0.00	37.84 -2.35 0.00	40.00 -2.20 0.03	89.67 -4.85 0.00	47.51 -2.94 0.00	45.57 -2.51 0.00	42.29 -2.91 0.00	60.80 -4.53 0.00	37.95 -2.66 0.00	43.31 -3.56 -0.05	43.11 -3.47 0.00	39.79 -3.30 0.07	40.80 -2.92 0.00	45.03 -2.98 0.00	93.46 -5.46 0.00	48.77 -2.59 0.00	39.59 -2.26 0.05	33.52 -2.21 5.10	45.89 -1.90 0.00
V_CMM_10_SYNC_DSASP 323787	34.97 -0.40 0.00	32.27 -0.27 0.00	28.82 -0.24 0.00	27.10 -0.21 0.00	27.29 -0.21 0.00	32.97 -0.17 0.00	40.08 -0.11 0.00	42.24 0.01 0.00	94.29 -0.24 0.00	50.21 -0.24 0.00	47.77 -0.31 0.00	44.88 -0.33 0.00	64.52 -0.81 0.00	40.05 -0.55 0.00	46.16 -0.67 0.00	45.95 -0.64 0.00	42.72 -0.45 0.00	43.42 -0.30 0.00	47.54 -0.47 0.00	97.84 -1.08 0.00	50.97 -0.39 0.00	41.65 -0.24 0.00	40.48 -0.35 0.00	47.31 -0.48 0.00
V_CMP_10_SYNC_DSASP 323788	35.00 -0.36 0.00	32.48 -0.05 0.00	29.13 0.08 0.00	27.40 0.09 0.00	27.62 0.13 0.00	33.46 0.31 0.00	40.73 0.55 0.00	42.93 0.70 0.00	95.92 1.39 0.00	51.19 0.73 0.00	48.58 0.51 0.00	45.84 0.63 0.00	65.77 0.43 0.00	40.88 0.27 0.00	47.07 0.25 0.00	46.81 0.22 0.00	43.46 0.29 0.00	44.06 0.33 0.00	48.33 0.32 0.00	99.80 0.88 0.00	51.89 0.53 0.00	42.42 0.53 0.00	41.15 0.32 0.00	47.88 0.09 0.00

V_D_10_SYNC_DSASP 323841	35.07 -0.30 0.00	32.35 -0.18 0.00	28.89 -0.17 0.00	27.17 -0.14 0.00	27.36 -0.13 0.00	33.08 -0.06 0.00	40.23 0.05 0.00	42.39 0.16 0.00	94.57 0.04 0.00	50.44 -0.01 0.00	47.97 -0.10 0.00	45.05 -0.15 0.00	64.67 -0.67 0.00	40.23 -0.38 0.00	46.27 -0.55 0.00	46.12 -0.46 0.00	42.87 -0.30 0.00	43.51 -0.22 0.00	47.69 -0.32 0.00	98.51 -0.40 0.00	51.32 -0.04 0.00	41.91 0.02 0.00	40.62 -0.21 0.00	47.36 -0.43 0.00
V_E_10_SYNC_DSASP 323830	38.09 2.72 0.00	34.89 2.36 0.00	31.07 2.01 0.00	28.88 1.57 0.00	29.13 1.64 0.00	35.50 2.36 0.00	43.67 3.49 0.00	46.25 3.98 -0.04	103.91 9.38 0.00	55.60 5.15 0.00	52.26 4.19 0.00	49.03 3.83 0.00	70.56 5.22 0.00	43.97 3.36 0.00	51.67 3.67 -1.18	50.06 3.48 0.00	46.18 2.99 -0.02	46.87 3.15 0.00	51.73 3.72 0.00	108.32 9.40 0.00	56.50 5.15 0.00	45.67 3.76 -0.01	46.02 3.61 -1.60	51.92 4.13 0.00
V_F_30_NSYNC___DSASP 323816	37.37 2.01 0.00	34.34 1.81 0.00	30.67 1.62 0.00	28.84 1.53 0.00	29.03 1.54 0.00	35.10 1.95 0.00	42.59 2.40 0.00	44.77 2.54 0.00	100.22 5.70 0.00	53.55 3.10 0.00	50.92 2.85 0.00	47.99 2.79 0.00	69.56 4.22 0.00	43.20 2.60 0.00	52.98 3.11 -3.05	49.62 3.04 0.00	46.00 2.83 0.00	46.52 2.78 -0.02	50.96 2.95 0.00	104.86 5.94 0.00	54.30 2.94 0.00	44.38 2.48 0.00	43.31 2.48 0.00	50.71 2.92 0.00
V_F_30_SYNC_DSASP 323786	36.48 1.11 0.00	33.53 1.00 0.00	29.96 0.90 0.00	28.16 0.85 0.00	28.34 0.85 0.00	34.14 1.00 0.00	41.37 1.18 0.00	43.48 1.25 0.00	97.84 3.32 0.00	52.51 2.06 0.00	50.00 1.93 0.00	46.93 1.72 0.00	67.72 2.38 0.00	42.11 1.50 0.00	51.62 1.78 -3.02	48.37 1.79 0.00	44.83 1.66 0.00	45.29 1.55 -0.02	49.60 1.59 0.00	101.96 3.04 0.00	52.79 1.43 0.00	43.15 1.25 0.00	42.18 1.35 0.00	49.56 1.78 0.00
V_XM_10_SYNC_DSASP 323789	35.00 -0.36 0.00	32.48 -0.05 0.00	29.13 0.08 0.00	27.40 0.09 0.00	27.62 0.13 0.00	33.46 0.31 0.00	40.73 0.55 0.00	42.93 0.70 0.00	95.92 1.39 0.00	51.19 0.73 0.00	48.58 0.51 0.00	45.84 0.63 0.00	65.77 0.43 0.00	40.88 0.27 0.00	47.07 0.25 0.00	46.81 0.22 0.00	43.46 0.29 0.00	44.06 0.33 0.00	48.33 0.32 0.00	99.80 0.88 0.00	51.89 0.53 0.00	42.42 0.53 0.00	41.15 0.32 0.00	47.88 0.09 0.00
W.BABYLN_69_KV_BK1 56697	38.47 3.10 -0.01	35.25 2.72 0.00	31.44 2.39 0.00	29.53 2.22 0.00	29.64 2.15 0.00	35.58 2.44 0.00	43.10 2.91 0.00	45.34 3.10 0.00	101.33 6.80 0.00	54.39 3.94 0.00	52.84 3.87 -0.89	50.16 4.05 -0.90	82.44 6.52 -10.58	59.51 4.07 -14.84	54.59 4.77 -3.00	56.55 4.72 -5.24	53.20 4.41 -5.62	48.18 4.44 -0.02	54.53 4.84 -1.68	108.90 9.97 0.00	59.17 5.06 -2.75	45.71 3.81 -0.01	45.44 3.89 -0.72	52.89 4.27 -0.84
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.76 2.40 0.00	34.59 2.06 0.00	30.91 1.86 0.00	29.05 1.74 0.00	29.21 1.72 0.00	35.10 1.96 0.00	42.62 2.44 0.00	44.81 2.58 0.00	100.57 6.04 0.00	53.84 3.38 0.00	51.42 3.34 0.00	48.49 3.29 0.00	70.65 5.32 0.00	44.00 3.40 0.00	53.42 4.04 -2.55	50.49 3.91 0.00	46.78 3.62 0.00	47.54 3.80 -0.01	52.07 4.06 0.00	107.19 8.27 0.00	55.52 4.16 0.00	45.04 3.14 -0.01	44.71 3.01 -0.87	51.05 3.27 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.87 2.51 0.00	34.71 2.18 0.00	31.03 1.98 0.00	29.20 1.89 0.00	29.37 1.88 0.00	35.25 2.10 0.00	42.79 2.60 0.00	45.03 2.80 0.00	101.14 6.61 0.00	54.20 3.74 0.00	51.79 3.72 0.00	48.87 3.66 0.00	71.17 5.83 0.00	44.31 3.71 0.00	53.80 4.38 -2.60	50.84 4.26 0.00	47.11 3.94 0.00	47.83 4.09 -0.01	52.39 4.39 0.00	107.80 8.88 0.00	55.78 4.42 0.00	45.24 3.35 0.00	44.07 3.24 0.00	51.22 3.43 0.00
W50THST__13_KV_LOAD 356117	38.05 2.69 0.00	34.86 2.33 0.00	31.17 2.11 0.00	29.33 2.02 0.00	29.50 2.01 0.00	35.41 2.27 0.00	43.02 2.83 0.00	45.31 3.07 0.00	101.80 7.28 0.00	54.55 4.10 0.00	52.14 4.07 0.00	49.21 4.00 0.00	71.68 6.34 0.00	44.62 4.02 0.00	54.15 4.73 -2.60	51.19 4.61 0.00	47.42 4.25 0.00	48.14 4.40 -0.01	52.72 4.71 0.00	108.43 9.50 0.00	56.08 4.73 0.00	45.48 3.59 0.00	44.29 3.46 0.00	51.46 3.67 0.00
WADING RIVER_IC_1 23522	38.07 2.70 -0.01	34.96 2.42 0.00	31.20 2.14 0.00	29.30 1.99 0.00	29.41 1.92 0.00	35.33 2.19 0.00	42.76 2.58 0.00	44.93 2.70 0.00	100.18 5.66 0.00	53.78 3.33 0.00	52.27 3.38 -0.82	49.69 3.65 -0.83	80.88 5.84 -9.70	57.95 3.74 -13.61	54.35 4.56 -2.97	55.84 4.45 -4.81	52.49 4.18 -5.15	47.94 4.20 -0.02	54.17 4.61 -1.54	108.43 9.51 0.00	58.69 4.82 -2.52	45.43 3.52 -0.01	45.13 3.65 -0.66	52.44 3.89 -0.77
WADING RIVER_IC_2 23547	38.07 2.70 -0.01	34.96 2.42 0.00	31.20 2.14 0.00	29.30 1.99 0.00	29.41 1.92 0.00	35.33 2.19 0.00	42.76 2.58 0.00	44.93 2.70 0.00	100.18 5.66 0.00	53.78 3.33 0.00	52.27 3.38 -0.82	49.69 3.65 -0.83	80.88 5.84 -9.70	57.95 3.74 -13.61	54.35 4.56 -2.97	55.84 4.45 -4.81	52.49 4.18 -5.15	47.94 4.20 -0.02	54.17 4.61 -1.54	108.43 9.51 0.00	58.69 4.82 -2.52	45.43 3.52 -0.01	45.13 3.65 -0.66	52.44 3.89 -0.77
WADING RIVER_IC_3 23601	38.07 2.70 -0.01	34.96 2.42 0.00	31.20 2.14 0.00	29.30 1.99 0.00	29.41 1.92 0.00	35.33 2.19 0.00	42.76 2.58 0.00	44.93 2.70 0.00	100.18 5.66 0.00	53.78 3.33 0.00	52.27 3.38 -0.82	49.69 3.65 -0.83	80.88 5.84 -9.70	57.95 3.74 -13.61	54.35 4.56 -2.97	55.84 4.45 -4.81	52.49 4.18 -5.15	47.94 4.20 -0.02	54.17 4.61 -1.54	108.43 9.51 0.00	58.69 4.82 -2.52	45.43 3.52 -0.01	45.13 3.65 -0.66	52.44 3.89 -0.77
WALDENNY_12_KV_BK2 80841	33.97 -1.39 0.00	31.08 -1.45 0.00	27.75 -1.30 0.00	26.08 -1.23 0.00	26.25 -1.24 0.00	31.31 -1.83 0.00	37.89 -2.29 0.00	40.12 -2.08 0.04	90.18 -4.35 0.00	47.77 -2.69 0.00	45.87 -2.21 0.00	42.46 -2.74 0.00	61.07 -4.27 0.00	38.25 -2.36 -0.01	43.15 -3.49 0.18	43.17 -3.41 0.00	39.79 -3.23 0.14	40.91 -2.81 0.00	45.20 -2.81 0.00	94.04 -4.88 0.00	49.12 -2.24 0.00	39.78 -2.05 0.06	31.79 -1.96 7.08	46.33 -1.46 0.00
WALDEN___HYDRO 24148	37.67 2.30 0.00	34.52 1.99 0.00	30.84 1.78 0.00	28.97 1.67 0.00	29.14 1.65 0.00	35.06 1.91 0.00	42.56 2.38 0.00	44.75 2.52 0.00	100.42 5.90 0.00	53.73 3.28 0.00	51.31 3.23 0.00	48.41 3.20 0.00	70.43 5.10 0.00	43.84 3.23 0.00	53.26 3.86 -2.57	50.28 3.69 0.00	46.61 3.44 0.00	47.33 3.59 -0.01	51.92 3.91 0.00	106.93 8.01 0.00	55.39 4.03 0.00	44.97 3.07 -0.01	44.65 2.96 -0.86	50.94 3.16 0.00
WARRENSBURG____ 23737	37.52 2.15 0.00	34.48 1.95 0.00	30.83 1.78 0.00	29.00 1.69 0.00	29.21 1.72 0.00	35.42 2.28 0.00	43.01 2.82 0.00	45.24 3.01 0.00	101.30 6.77 0.00	54.14 3.68 0.00	51.45 3.38 0.00	48.52 3.31 0.00	70.25 4.92 0.00	43.66 3.06 0.00	53.49 3.61 -3.06	49.95 3.37 0.00	46.35 3.18 0.00	46.89 3.15 -0.02	51.31 3.31 0.00	105.59 6.68 0.00	54.59 3.23 0.00	44.65 2.75 0.00	43.59 2.77 0.00	51.05 3.27 0.00

WATERSIDE___6 8 9 23538	37.84 2.48 0.00	34.67 2.15 0.00	31.04 1.99 0.00	29.22 1.91 0.00	29.38 1.89 0.00	35.19 2.05 0.00	42.71 2.53 0.00	44.95 2.71 0.00	100.89 6.36 0.00	54.08 3.63 0.00	51.69 3.62 0.00	48.76 3.55 0.00	71.00 5.66 0.00	44.22 3.62 0.00	53.68 4.27 -2.60	50.72 4.14 0.00	47.01 3.84 0.00	47.73 3.99 -0.01	52.26 4.25 0.00	107.51 8.59 0.00	55.64 4.28 0.00	45.18 3.28 0.00	44.01 3.18 0.00	51.12 3.33 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.09 1.73 0.00	33.98 1.46 0.00	30.34 1.29 0.00	28.47 1.17 0.00	28.66 1.16 0.00	34.51 1.37 0.00	42.02 1.83 0.00	44.27 2.03 0.00	99.20 4.68 0.00	53.02 2.57 0.00	50.46 2.39 0.00	47.70 2.49 0.00	69.50 4.17 0.00	43.32 2.72 0.00	49.94 3.12 0.00	49.37 2.78 0.00	45.46 2.29 0.00	45.68 1.96 0.00	50.20 2.19 0.00	103.79 4.87 0.00	53.56 2.20 0.00	43.71 1.82 0.00	43.12 2.30 0.00	50.65 2.87 0.00
WDELAWARE___HYD 323627	37.09 1.72 0.00	34.15 1.62 0.00	30.52 1.46 0.00	28.67 1.36 0.00	28.84 1.34 0.00	34.75 1.61 0.00	42.21 2.03 0.00	44.38 2.15 0.00	99.63 5.11 0.00	53.35 2.90 0.00	51.03 2.96 0.00	48.13 2.92 0.00	69.78 4.45 0.00	42.45 1.85 0.00	51.49 2.24 -2.43	48.64 2.05 0.00	45.14 1.97 0.00	45.90 2.17 -0.01	50.45 2.44 0.00	105.91 6.99 0.00	55.01 3.66 0.00	44.61 2.70 -0.01	44.47 2.59 -1.05	50.48 2.69 0.00
WEST BABYLON___IC 23714	38.47 3.10 -0.01	35.25 2.72 0.00	31.44 2.39 0.00	29.53 2.22 0.00	29.64 2.15 0.00	35.58 2.44 0.00	43.10 2.91 0.00	45.34 3.10 0.00	101.33 6.80 0.00	54.39 3.94 0.00	52.84 3.87 -0.89	50.16 4.05 -0.90	82.44 6.52 -10.58	59.51 4.07 -14.84	54.59 4.77 -3.00	56.55 4.72 -5.24	53.20 4.41 -5.62	48.18 4.44 -0.02	54.53 4.84 -1.68	108.90 9.97 0.00	59.17 5.06 -2.75	45.71 3.81 -0.01	45.44 3.89 -0.72	52.89 4.27 -0.84
WEST CANADA___HYD 24049	35.58 0.21 0.00	32.70 0.17 0.00	29.20 0.15 0.00	27.44 0.13 0.00	27.62 0.12 0.00	33.28 0.14 0.00	40.35 0.16 0.00	42.40 0.17 0.00	94.94 0.41 0.00	50.71 0.25 0.00	48.31 0.23 0.00	45.45 0.24 0.00	65.76 0.43 0.00	40.85 0.25 0.00	47.14 0.32 0.00	46.89 0.31 0.00	43.43 0.26 0.00	43.97 0.25 0.00	48.27 0.26 0.00	99.43 0.51 0.00	51.60 0.24 0.00	42.08 0.18 0.00	41.07 0.24 0.00	48.06 0.27 0.00
WESTERN_NY_WIND 24143	34.46 -0.91 0.00	31.50 -1.03 0.00	28.09 -0.96 0.00	26.43 -0.88 0.00	26.66 -0.83 0.00	31.91 -1.23 0.00	38.72 -1.46 0.00	41.10 -1.10 0.03	92.13 -2.39 0.00	48.76 -1.70 0.00	46.80 -1.27 0.00	43.22 -1.99 0.00	62.19 -3.15 0.00	38.93 -1.68 -0.01	44.17 -2.68 -0.03	43.86 -2.73 0.00	40.58 -2.51 0.08	41.87 -1.86 0.00	46.23 -1.78 0.00	96.07 -2.85 0.00	50.19 -1.17 0.00	40.68 -1.16 0.05	34.19 -1.17 5.47	46.99 -0.80 0.00
WESTOVER___LESR 323668	35.86 0.50 0.00	32.94 0.41 0.00	29.43 0.37 0.00	27.64 0.33 0.00	27.82 0.33 0.00	33.49 0.34 0.00	40.73 0.55 0.00	42.76 0.51 -0.01	95.93 1.41 0.00	51.17 0.72 0.00	48.67 0.59 0.00	45.73 0.52 0.00	66.00 0.67 0.00	41.14 0.53 0.00	48.46 0.68 -0.96	47.20 0.61 0.00	43.73 0.56 0.00	44.25 0.53 0.00	48.78 0.77 0.00	100.74 1.82 0.00	52.25 0.89 0.00	42.53 0.55 -0.08	49.99 0.59 -8.57	48.71 0.92 0.00
WETHRSFD_WT_PWR 323626	34.18 -1.19 0.00	31.30 -1.23 0.00	27.91 -1.14 0.00	26.23 -1.08 0.00	26.37 -1.13 0.00	31.39 -1.75 0.00	37.87 -2.31 0.00	39.87 -2.31 0.05	90.10 -4.43 0.00	47.87 -2.58 0.00	46.03 -2.04 0.00	42.60 -2.61 0.00	61.45 -3.89 0.00	38.56 -2.04 0.00	42.06 -3.15 1.62	43.41 -3.17 0.00	39.76 -2.92 0.48	41.01 -2.70 0.01	45.29 -2.71 0.01	94.73 -4.19 0.00	49.39 -1.97 0.00	39.77 -2.05 0.08	30.11 -1.86 8.86	46.68 -1.11 0.00
WHAVSTOR_138KV_BK127 55557	37.60 2.24 0.00	34.45 1.92 0.00	30.79 1.73 0.00	28.94 1.63 0.00	29.10 1.61 0.00	34.96 1.82 0.00	42.44 2.25 0.00	44.60 2.37 0.00	100.05 5.52 0.00	53.57 3.11 0.00	51.15 3.07 0.00	48.25 3.04 0.00	70.29 4.96 0.00	43.77 3.17 0.00	53.15 3.77 -2.56	50.24 3.65 0.00	46.54 3.38 0.00	47.27 3.53 -0.01	51.81 3.80 0.00	106.63 7.72 0.00	55.22 3.86 0.00	44.82 2.92 -0.01	44.52 2.82 -0.87	50.82 3.04 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.60 2.24 0.00	34.45 1.92 0.00	30.79 1.73 0.00	28.94 1.63 0.00	29.10 1.61 0.00	34.96 1.82 0.00	42.44 2.25 0.00	44.60 2.37 0.00	100.05 5.52 0.00	53.57 3.11 0.00	51.15 3.07 0.00	48.25 3.04 0.00	70.29 4.96 0.00	43.77 3.17 0.00	53.15 3.77 -2.56	50.24 3.65 0.00	46.54 3.38 0.00	47.27 3.53 -0.01	51.81 3.80 0.00	106.63 7.72 0.00	55.22 3.86 0.00	44.82 2.92 -0.01	44.52 2.82 -0.87	50.82 3.04 0.00
WHITEHAL_115KV_TB1 80871	37.77 2.41 0.00	34.88 2.35 0.00	31.29 2.23 0.00	29.44 2.14 0.00	29.70 2.21 0.00	36.41 3.27 0.00	44.09 3.90 0.00	46.28 4.05 0.00	103.31 8.78 0.00	55.20 4.74 0.00	52.04 3.96 0.00	49.39 4.18 0.00	71.30 5.96 0.00	44.43 3.83 0.00	54.53 4.65 -3.06	51.22 4.63 0.00	47.63 4.47 0.00	48.35 4.61 -0.02	52.72 4.71 0.00	108.50 9.58 0.00	55.68 4.33 0.00	45.25 3.35 0.00	44.55 3.72 0.00	52.15 4.36 0.00
WHITEPLN_13_KV_LOAD 356215	37.98 2.62 0.00	34.81 2.28 0.00	31.10 2.04 0.00	29.23 1.92 0.00	29.40 1.91 0.00	35.32 2.18 0.00	42.89 2.70 0.00	45.12 2.89 0.00	101.30 6.78 0.00	54.24 3.79 0.00	51.82 3.75 0.00	48.90 3.69 0.00	71.23 5.90 0.00	44.35 3.75 0.00	53.84 4.43 -2.60	50.91 4.33 0.00	47.16 3.99 0.00	47.92 4.18 -0.01	52.50 4.49 0.00	107.94 9.02 0.00	55.89 4.53 0.00	45.35 3.45 0.00	44.15 3.33 0.00	51.37 3.59 0.00
WM_FLOYD_69_KV_BK2 356380	38.12 2.75 -0.01	35.01 2.48 0.00	31.24 2.18 0.00	29.34 2.03 0.00	29.46 1.97 0.00	35.37 2.23 0.00	42.83 2.65 0.00	44.99 2.75 0.00	100.31 5.79 0.00	53.85 3.39 0.00	52.33 3.43 -0.82	49.74 3.70 -0.83	81.02 5.97 -9.72	58.03 3.80 -13.63	54.40 4.62 -2.97	55.91 4.51 -4.81	52.57 4.25 -5.16	48.00 4.26 -0.02	54.22 4.67 -1.55	108.53 9.61 0.00	58.75 4.86 -2.53	45.47 3.57 -0.01	45.19 3.70 -0.66	52.51 3.96 -0.77
WOODARD___115KV_TB2 355635	35.13 -0.23 0.00	32.29 -0.24 0.00	28.83 -0.23 0.00	27.10 -0.21 0.00	27.29 -0.20 0.00	32.89 -0.26 0.00	39.87 -0.31 0.00	41.88 -0.35 0.00	93.87 -0.66 0.00	50.11 -0.35 0.00	47.77 -0.30 0.00	44.87 -0.34 0.00	64.79 -0.54 0.00	40.30 -0.30 0.00	46.66 -0.43 -0.28	46.15 -0.43 0.00	42.74 -0.42 0.00	43.29 -0.43 0.00	47.62 -0.40 0.00	98.23 -0.68 0.00	50.99 -0.37 0.00	41.51 -0.38 0.01	39.58 -0.40 0.85	47.42 -0.36 0.00
YORK___WARBASSE 23770	38.08 2.72 0.00	34.87 2.34 0.00	31.20 2.14 0.00	29.34 2.03 0.00	29.50 2.01 0.00	35.37 2.23 0.00	42.90 2.72 0.00	45.12 2.89 0.00	101.25 6.72 0.00	54.25 3.79 0.00	51.87 3.80 0.00	48.92 3.71 0.00	71.25 5.92 0.00	44.38 3.77 0.00	53.86 4.44 -2.60	50.89 4.31 0.00	47.18 4.01 0.00	47.90 4.16 -0.01	52.47 4.46 0.00	107.97 9.05 0.00	55.92 4.56 0.00	45.40 3.50 0.00	44.22 3.40 0.00	51.34 3.56 0.00