

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/08/2026

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	39.28	35.89	37.10	34.45	31.44	42.72	59.29	68.22	43.97	36.02	39.37	37.71	38.86	33.46	37.38	43.56	35.56	35.44	39.55	105.41	59.37	52.63	57.18	48.02
24138	1.86	1.63	1.44	1.33	1.28	1.56	2.51	3.41	2.52	2.27	2.53	2.46	2.63	2.55	3.04	3.44	3.15	3.14	3.28	7.70	3.98	3.54	3.88	3.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.14	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	39.27	35.97	37.18	34.54	31.50	42.79	59.28	68.21	43.92	35.94	39.28	37.62	38.79	33.39	37.28	43.48	35.49	35.37	39.48	105.26	59.32	52.60	57.18	48.00
24260	1.85	1.71	1.51	1.42	1.34	1.64	2.50	3.39	2.47	2.19	2.44	2.37	2.55	2.48	2.94	3.36	3.08	3.06	3.22	7.55	3.92	3.51	3.88	3.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.14	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	39.27	35.97	37.18	34.54	31.50	42.79	59.28	68.21	43.92	35.94	39.28	37.62	38.79	33.39	37.28	43.48	35.49	35.37	39.48	105.26	59.32	52.60	57.18	48.00
24261	1.85	1.71	1.51	1.42	1.34	1.64	2.50	3.39	2.47	2.19	2.44	2.37	2.55	2.48	2.94	3.36	3.08	3.06	3.22	7.55	3.92	3.51	3.88	3.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.14	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.44	36.14	37.57	34.92	31.72	43.21	60.08	68.34	43.25	34.93	38.01	36.91	37.78	32.20	35.70	40.27	34.15	34.04	38.34	103.54	58.39	51.98	56.42	47.27
24011	2.02	1.88	1.90	1.80	1.56	2.05	3.30	3.53	1.80	1.18	1.17	1.66	1.54	1.29	1.36	1.78	1.64	1.73	2.08	5.83	3.00	2.89	3.12	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.52	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.50	36.23	37.66	35.02	31.83	43.36	60.29	68.66	43.47	35.06	38.04	36.99	37.87	32.27	35.71	40.34	34.22	34.08	38.49	103.89	58.53	52.20	56.65	47.43
23798	2.08	1.97	1.99	1.90	1.67	2.20	3.51	3.85	2.02	1.32	1.21	1.74	1.64	1.36	1.37	1.85	1.71	1.77	2.22	6.19	3.13	3.10	3.36	2.65
	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	0.00	-1.52	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.44	36.14	37.57	34.92	31.72	43.21	60.08	68.34	43.25	34.93	38.01	36.91	37.78	32.20	35.70	40.27	34.15	34.04	38.34	103.54	58.39	51.98	56.42	47.27
24028	2.02	1.88	1.90	1.80	1.56	2.05	3.30	3.53	1.80	1.18	1.17	1.66	1.54	1.29	1.36	1.78	1.64	1.73	2.08	5.83	3.00	2.89	3.12	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.52	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	39.05	35.77	37.18	34.54	31.43	42.78	59.04	67.45	42.96	34.95	38.22	36.83	37.82	32.28	35.93	40.30	34.07	33.97	38.06	101.86	57.59	51.34	55.92	47.05
23527	1.63	1.51	1.51	1.42	1.27	1.62	2.26	2.64	1.52	1.20	1.39	1.58	1.58	1.37	1.59	1.85	1.58	1.66	1.79	4.15	2.19	2.25	2.62	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.48	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	38.13	34.94	36.33	33.76	30.69	41.45	57.08	65.24	41.72	34.02	37.17	35.75	36.79	31.45	35.01	39.31	33.30	33.14	37.13	99.30	56.09	49.84	54.16	45.63
24190	0.72	0.68	0.66	0.64	0.53	0.29	0.30	0.43	0.27	0.27	0.34	0.50	0.55	0.54	0.67	0.86	0.80	0.83	0.86	1.59	0.70	0.75	0.86	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.48	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	37.30	34.12	35.62	33.11	30.07	41.12	56.54	64.38	41.24	33.54	36.50	34.82	35.88	30.65	34.05	36.60	31.50	31.97	35.98	97.54	55.51	48.86	52.72	44.34
355683	-0.11	-0.14	-0.05	-0.01	-0.09	-0.04	-0.24	-0.43	-0.21	-0.21	-0.34	-0.43	-0.36	-0.26	-0.29	-0.38	-0.35	-0.34	-0.29	-0.17	0.11	-0.23	-0.58	-0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.69	35.46	36.91	34.30	31.20	42.34	58.35	66.44	42.16	34.27	37.41	36.10	37.21	31.76	35.26	39.52	33.52	33.41	37.52	101.13	57.23	50.82	55.24	46.49
323833	1.27	1.20	1.24	1.18	1.04	1.18	1.57	1.63	0.72	0.52	0.57	0.85	0.97	0.85	0.91	1.10	1.04	1.11	1.25	3.42	1.84	1.74	1.95	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	38.69	35.45	36.91	34.29	31.20	42.33	58.34	66.42	42.16	34.27	37.41	36.09	37.20	31.76	35.26	39.52	33.52	33.40	37.51	101.12	57.21	50.81	55.23	46.47
323834	1.27	1.19	1.24	1.17	1.03	1.17	1.57	1.61	0.71	0.52	0.57	0.83	0.96	0.85	0.91	1.10	1.04	1.09	1.24	3.41	1.82	1.72	1.93	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	38.13	34.94	36.33	33.76	30.69	41.45	57.08	65.24	41.72	34.02	37.17	35.75	36.79	31.45	35.01	39.31	33.30	33.14	37.13	99.30	56.09	49.84	54.16	45.63
23571	0.72	0.68	0.66	0.64	0.53	0.29	0.30	0.43	0.27	0.27	0.34	0.50	0.55	0.54	0.67	0.86	0.80	0.83	0.86	1.59	0.70	0.75	0.86	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.48	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	38.13 0.72 0.00	34.94 0.68 0.00	36.33 0.66 0.00	33.76 0.64 0.00	30.69 0.53 0.00	41.45 0.29 0.00	57.08 0.30 0.00	65.24 0.43 0.00	41.72 0.27 0.00	34.02 0.27 0.00	37.17 0.34 0.00	35.75 0.50 0.00	36.79 0.55 0.00	31.45 0.54 0.00	35.01 0.67 0.00	39.31 0.86 -1.48	33.30 0.80 -0.65	33.14 0.83 0.00	37.13 0.86 0.00	99.30 1.59 0.00	56.09 0.70 0.00	49.84 0.75 0.00	54.16 0.86 0.00	45.63 0.85 0.00
ALBANY___3 23573	38.13 0.72 0.00	34.94 0.68 0.00	36.33 0.66 0.00	33.76 0.64 0.00	30.69 0.53 0.00	41.45 0.29 0.00	57.08 0.30 0.00	65.24 0.43 0.00	41.72 0.27 0.00	34.02 0.27 0.00	37.17 0.34 0.00	35.75 0.50 0.00	36.79 0.55 0.00	31.45 0.54 0.00	35.01 0.67 0.00	39.31 0.86 -1.48	33.30 0.80 -0.65	33.14 0.83 0.00	37.13 0.86 0.00	99.30 1.59 0.00	56.09 0.70 0.00	49.84 0.75 0.00	54.16 0.86 0.00	45.63 0.85 0.00
ALBANY___4 23574	38.13 0.72 0.00	34.94 0.68 0.00	36.33 0.66 0.00	33.76 0.64 0.00	30.69 0.53 0.00	41.45 0.29 0.00	57.08 0.30 0.00	65.24 0.43 0.00	41.72 0.27 0.00	34.02 0.27 0.00	37.17 0.34 0.00	35.75 0.50 0.00	36.79 0.55 0.00	31.45 0.54 0.00	35.01 0.67 0.00	39.31 0.86 -1.48	33.30 0.80 -0.65	33.14 0.83 0.00	37.13 0.86 0.00	99.30 1.59 0.00	56.09 0.70 0.00	49.84 0.75 0.00	54.16 0.86 0.00	45.63 0.85 0.00
ALBANY___LFGE 323615	38.44 1.02 0.00	35.22 0.95 0.00	36.62 0.95 0.00	34.01 0.89 0.00	30.94 0.78 0.00	41.86 0.70 0.00	57.70 0.92 0.00	65.94 1.13 0.00	42.10 0.66 0.00	34.31 0.56 0.00	37.51 0.67 0.00	36.12 0.87 0.00	37.15 0.91 0.00	31.72 0.81 0.00	35.31 0.96 0.00	39.65 1.19 -1.49	33.57 1.08 -0.66	33.43 1.12 0.00	37.49 1.22 0.00	100.29 2.58 0.00	56.67 1.28 0.00	50.34 1.25 0.00	54.69 1.40 0.00	46.05 1.27 0.00
ALCOA_PA_115KV_PL-6C 55860	37.30 -0.12 0.00	34.12 -0.14 0.00	35.62 -0.05 0.00	33.13 0.01 0.00	30.08 -0.08 0.00	41.16 0.00 0.00	56.62 -0.16 0.00	64.59 -0.22 0.00	41.36 -0.09 0.00	33.48 -0.27 0.00	36.39 -0.44 0.00	34.73 -0.52 0.00	35.80 -0.44 0.00	30.58 -0.33 0.00	33.97 -0.37 0.00	36.49 -0.49 0.00	31.38 -0.46 0.00	31.87 -0.44 0.00	35.84 -0.43 0.00	97.29 -0.42 0.00	55.45 0.05 0.00	48.88 -0.21 0.00	52.82 -0.48 0.00	44.39 -0.39 0.00
ALCOA_RYNLDS___DRP 24188	37.30 -0.12 0.00	34.12 -0.14 0.00	35.62 -0.05 0.00	33.12 0.00 0.00	30.08 -0.08 0.00	41.16 0.00 0.00	56.62 -0.16 0.00	64.58 -0.23 0.00	41.36 -0.09 0.00	33.48 -0.27 0.00	36.39 -0.44 0.00	34.73 -0.52 0.00	35.80 -0.44 0.00	30.58 -0.33 0.00	33.97 -0.37 0.00	36.47 -0.50 0.00	31.38 -0.46 0.00	31.87 -0.44 0.00	35.84 -0.43 0.00	97.29 -0.42 0.00	55.45 0.05 0.00	48.88 -0.21 0.00	52.81 -0.48 0.00	44.38 -0.40 0.00
ALCOA___DSASP 323711	37.30 -0.12 0.00	34.12 -0.14 0.00	35.62 -0.05 0.00	33.12 0.00 0.00	30.08 -0.08 0.00	41.16 0.00 0.00	56.62 -0.16 0.00	64.58 -0.23 0.00	41.36 -0.09 0.00	33.48 -0.27 0.00	36.39 -0.44 0.00	34.73 -0.52 0.00	35.80 -0.44 0.00	30.58 -0.33 0.00	33.97 -0.37 0.00	36.47 -0.50 0.00	31.38 -0.46 0.00	31.87 -0.44 0.00	35.84 -0.43 0.00	97.29 -0.42 0.00	55.45 0.05 0.00	48.88 -0.21 0.00	52.81 -0.48 0.00	44.38 -0.40 0.00
ALLEGHENY___COGEN 23514	33.73 0.19 3.89	29.42 -0.08 4.77	35.60 -0.07 0.00	33.01 -0.11 0.00	28.51 0.35 2.00	42.18 1.02 0.00	58.34 1.56 0.00	63.28 2.16 3.69	42.84 1.39 0.00	34.51 0.76 0.00	36.95 0.11 0.00	35.10 -0.15 0.00	35.63 -0.61 0.00	30.18 -0.74 0.00	33.48 -0.86 0.00	18.31 -1.45 17.21	30.86 -1.08 -0.09	30.99 -1.32 0.00	35.13 -1.14 0.00	96.47 -0.29 0.95	55.95 0.55 0.00	49.54 0.45 0.00	53.97 0.67 0.00	43.31 0.10 1.57
ALTAMONT_115KV_TB 2 55880	38.27 0.85 0.00	35.07 0.80 0.00	36.48 0.80 0.00	33.87 0.75 0.00	30.82 0.66 0.00	41.89 0.74 0.00	57.80 1.02 0.00	66.00 1.19 0.00	42.14 0.70 0.00	34.34 0.59 0.00	37.51 0.67 0.00	36.03 0.78 0.00	37.07 0.84 0.00	31.67 0.76 0.00	35.28 0.93 0.00	39.57 1.12 -1.47	33.50 1.02 -0.65	33.35 1.04 0.00	37.39 1.13 0.00	100.30 2.59 0.00	56.72 1.32 0.00	50.38 1.29 0.00	54.77 1.47 0.00	46.06 1.28 0.00
ALTONA_WT_PWR 323606	37.44 0.02 0.00	34.25 -0.01 0.00	35.77 0.10 0.00	33.26 0.14 0.00	30.23 0.07 0.00	41.28 0.12 0.00	56.89 0.11 0.00	64.98 0.17 0.00	41.58 0.13 0.00	33.69 -0.06 0.00	36.60 -0.24 0.00	34.98 -0.27 0.00	35.97 -0.26 0.00	30.72 -0.19 0.00	34.23 -0.11 0.00	36.80 -0.18 0.00	31.65 -0.19 0.00	32.15 -0.16 0.00	36.25 -0.02 0.00	98.30 0.59 0.00	56.03 0.63 0.00	49.35 0.26 0.00	53.27 -0.03 0.00	44.68 -0.09 0.00
AMERICAN_REF_FUEL 24010	31.55 -2.78 3.10	27.74 -2.72 3.80	32.88 -2.79 0.00	30.43 -2.69 0.00	26.76 -1.80 1.59	38.86 -2.30 0.00	52.74 -4.04 0.00	57.77 -4.48 2.57	38.85 -2.59 0.00	31.37 -2.37 0.00	34.26 -2.57 0.00	32.55 -2.70 0.00	33.38 -2.86 0.00	28.53 -2.38 0.00	31.71 -2.63 0.00	20.15 -3.12 13.71	28.79 -3.14 -0.08	28.95 -3.36 0.00	32.61 -3.65 0.00	87.31 -9.64 0.76	49.96 -5.44 0.00	44.11 -4.99 0.00	48.52 -4.78 0.00	39.27 -4.26 1.25
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.63 -1.00 3.79	28.41 -1.20 4.65	34.36 -1.31 0.00	31.88 -1.24 0.00	27.64 -0.57 1.95	40.76 -0.40 0.00	55.64 -1.14 0.00	60.71 -0.91 3.19	41.27 -0.18 0.00	33.27 -0.48 0.00	36.34 -0.49 0.00	34.58 -0.67 0.00	35.39 -0.84 0.00	30.02 -0.90 0.00	33.37 -0.98 0.00	18.27 -1.95 16.76	30.23 -1.70 -0.09	30.51 -1.80 0.00	34.49 -1.78 0.00	93.03 -3.74 0.93	53.30 -2.09 0.00	47.00 -2.09 0.00	51.18 -2.11 0.00	41.09 -2.15 1.53
ARTHUR KILL_GT_1 23520	39.47 2.06 0.00	36.23 1.96 0.00	37.36 1.69 0.00	34.68 1.56 0.00	31.55 1.39 0.00	42.85 1.69 0.00	59.34 2.56 0.00	68.15 3.34 0.00	43.78 2.34 0.00	35.79 2.04 0.00	39.08 2.24 0.00	37.35 2.10 0.00	38.57 2.33 0.00	33.24 2.33 0.00	37.13 2.78 0.00	43.36 3.24 -3.14	35.41 3.00 -0.57	35.21 2.90 0.00	39.33 3.06 0.00	105.04 7.33 0.00	59.22 3.82 0.00	52.57 3.48 0.00	57.18 3.88 0.00	48.09 3.31 0.00
ARTHUR_KILL_2 23512	39.39 1.97 0.00	36.14 1.88 0.00	37.27 1.60 0.00	34.61 1.49 0.00	31.48 1.32 0.00	42.76 1.60 0.00	59.20 2.42 0.00	68.01 3.19 0.00	43.70 2.25 0.00	35.73 1.98 0.00	39.02 2.18 0.00	37.30 2.05 0.00	38.52 2.28 0.00	33.18 2.27 0.00	37.06 2.72 0.00	43.29 3.18 -3.14	35.33 2.92 -0.57	35.15 2.84 0.00	39.25 2.98 0.00	104.77 7.06 0.00	59.06 3.67 0.00	52.42 3.33 0.00	57.03 3.73 0.00	47.98 3.20 0.00
ARTHUR_KILL_3 23513	38.90 1.48 0.00	35.60 1.34 0.00	36.80 1.13 0.00	34.18 1.06 0.00	31.18 1.02 0.00	42.36 1.20 0.00	58.63 1.85 0.00	67.46 2.65 0.00	43.46 2.01 0.00	35.57 1.83 0.00	38.87 2.03 0.00	37.22 1.97 0.00	38.39 2.15 0.00	33.05 2.14 0.00	36.91 2.57 0.00	43.12 3.00 -3.14	35.15 2.74 -0.57	35.02 2.71 0.00	39.09 2.82 0.00	104.18 6.47 0.00	58.76 3.37 0.00	52.10 3.01 0.00	56.64 3.34 0.00	47.56 2.78 0.00

ARTHUR_KILL_COGEN 323718	39.47 2.05 0.00	36.23 1.97 0.00	37.36 1.68 0.00	34.68 1.56 0.00	31.55 1.39 0.00	42.85 1.69 0.00	59.34 2.56 0.00	68.16 3.35 0.00	43.78 2.33 0.00	35.79 2.04 0.00	39.08 2.24 0.00	37.35 2.10 0.00	38.57 2.33 0.00	33.23 2.32 0.00	37.13 2.79 0.00	43.38 3.26 -3.14	35.41 3.00 -0.57	35.21 2.90 0.00	39.33 3.06 0.00	105.04 7.33 0.00	59.22 3.82 0.00	52.56 3.47 0.00	57.17 3.87 0.00	48.08 3.31 0.00
ASHOKAN____ 23654	39.15 1.73 0.00	35.83 1.57 0.00	37.20 1.53 0.00	34.52 1.40 0.00	31.38 1.22 0.00	42.83 1.67 0.00	59.29 2.51 0.00	67.91 3.10 0.00	43.26 1.82 0.00	35.15 1.40 0.00	38.27 1.44 0.00	36.97 1.72 0.00	38.34 2.11 0.00	32.76 1.85 0.00	36.54 2.19 0.00	40.42 2.05 -1.39	34.38 1.92 -0.61	34.43 2.12 0.00	38.68 2.42 0.00	104.03 6.32 0.00	58.86 3.46 0.00	52.25 3.16 0.00	56.72 3.42 0.00	47.53 2.75 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.98 1.56 0.00	35.74 1.48 0.00	36.93 1.26 0.00	34.33 1.21 0.00	31.25 1.09 0.00	42.32 1.16 0.00	58.52 1.75 0.00	67.45 2.65 0.00	43.51 2.07 0.00	35.63 1.89 0.00	38.92 2.09 0.00	37.16 1.91 0.00	38.38 2.14 0.00	33.14 2.23 0.00	36.82 2.48 0.00	43.11 2.99 -3.14	35.18 2.77 -0.57	34.97 2.66 0.00	38.95 2.68 0.00	103.74 6.04 0.00	58.47 3.07 0.00	51.86 2.77 0.00	56.42 3.13 0.00	47.42 2.65 0.01
ASTORIA_EAST_ENERGY_CC2 323582	38.98 1.56 0.00	35.74 1.48 0.00	36.93 1.26 0.00	34.32 1.20 0.00	31.25 1.09 0.00	42.32 1.16 0.00	58.52 1.75 0.00	67.45 2.65 0.00	43.51 2.07 0.00	35.63 1.89 0.00	38.92 2.09 0.00	37.16 1.91 0.00	38.38 2.14 0.00	33.14 2.23 0.00	36.82 2.48 0.00	43.11 2.99 -3.14	35.18 2.76 -0.57	34.96 2.65 0.00	38.95 2.68 0.00	103.74 6.04 0.00	58.47 3.07 0.00	51.86 2.77 0.00	56.42 3.13 0.00	47.42 2.65 0.01
ASTORIA_GT2_1 24094	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01
ASTORIA_GT2_2 24095	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01
ASTORIA_GT2_3 24096	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01
ASTORIA_GT2_4 24097	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01
ASTORIA_GT3_1 24098	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01
ASTORIA_GT3_2 24099	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01
ASTORIA_GT3_3 24100	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01
ASTORIA_GT3_4 24101	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01
ASTORIA_GT4_1 24102	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01
ASTORIA_GT4_2 24103	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01
ASTORIA_GT4_3 24104	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01

ASTORIA_GT4_4 24105	39.00 1.59 0.00	35.75 1.49 0.00	36.94 1.27 0.00	34.34 1.22 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.47 2.67 0.00	43.54 2.09 0.00	35.65 1.91 0.00	38.93 2.10 0.00	37.18 1.93 0.00	38.40 2.16 0.00	33.16 2.24 0.00	36.83 2.49 0.00	43.10 2.98 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.82 6.12 0.00	58.50 3.10 0.00	51.91 2.82 0.00	56.47 3.17 0.00	47.45 2.68 0.01
ASTORIA_GT_1 23523	39.06 1.65 0.00	35.81 1.55 0.00	36.99 1.32 0.00	34.39 1.27 0.00	31.30 1.14 0.00	42.41 1.25 0.00	58.64 1.87 0.00	67.60 2.79 0.00	43.62 2.18 0.00	35.72 1.97 0.00	39.01 2.17 0.00	37.24 1.99 0.00	38.47 2.23 0.00	33.22 2.31 0.00	36.90 2.55 0.00	43.18 3.06 -3.14	35.25 2.84 -0.57	35.04 2.72 0.00	39.04 2.77 0.00	104.01 6.30 0.00	58.60 3.20 0.00	51.99 2.90 0.00	56.55 3.25 0.00	47.53 2.76 0.01
ASTORIA_GT_10 24110	39.05 1.62 0.00	35.76 1.50 0.00	36.95 1.28 0.00	34.32 1.20 0.00	31.31 1.15 0.00	42.49 1.33 0.00	58.77 1.99 0.00	67.64 2.83 0.00	43.60 2.16 0.00	35.69 1.95 0.00	38.99 2.16 0.00	37.32 2.06 0.00	38.50 2.26 0.00	33.18 2.27 0.00	36.98 2.64 0.00	43.19 3.07 -3.14	35.23 2.82 -0.57	35.08 2.77 0.00	39.14 2.87 0.00	104.31 6.60 0.00	58.79 3.39 0.00	52.15 3.05 0.00	56.69 3.40 0.00	47.64 2.87 0.00
ASTORIA_GT_11 24225	39.05 1.62 0.00	35.76 1.50 0.00	36.95 1.28 0.00	34.32 1.20 0.00	31.31 1.15 0.00	42.49 1.33 0.00	58.77 1.99 0.00	67.64 2.83 0.00	43.60 2.16 0.00	35.69 1.95 0.00	38.99 2.16 0.00	37.32 2.06 0.00	38.50 2.26 0.00	33.18 2.27 0.00	36.98 2.64 0.00	43.19 3.07 -3.14	35.23 2.82 -0.57	35.08 2.77 0.00	39.14 2.87 0.00	104.31 6.60 0.00	58.79 3.39 0.00	52.15 3.05 0.00	56.69 3.40 0.00	47.64 2.87 0.00
ASTORIA_GT_12 24226	39.05 1.62 0.00	35.76 1.50 0.00	36.95 1.28 0.00	34.32 1.20 0.00	31.31 1.15 0.00	42.49 1.33 0.00	58.77 1.99 0.00	67.64 2.83 0.00	43.60 2.16 0.00	35.69 1.95 0.00	38.99 2.16 0.00	37.32 2.06 0.00	38.50 2.26 0.00	33.18 2.27 0.00	36.98 2.64 0.00	43.19 3.07 -3.14	35.23 2.82 -0.57	35.08 2.77 0.00	39.14 2.87 0.00	104.31 6.60 0.00	58.79 3.39 0.00	52.15 3.05 0.00	56.69 3.40 0.00	47.64 2.87 0.00
ASTORIA_GT_13 24227	39.05 1.62 0.00	35.76 1.50 0.00	36.95 1.28 0.00	34.32 1.20 0.00	31.31 1.15 0.00	42.49 1.33 0.00	58.77 1.99 0.00	67.64 2.83 0.00	43.60 2.16 0.00	35.69 1.95 0.00	38.99 2.16 0.00	37.32 2.06 0.00	38.50 2.26 0.00	33.18 2.27 0.00	36.98 2.64 0.00	43.19 3.07 -3.14	35.23 2.82 -0.57	35.08 2.77 0.00	39.14 2.87 0.00	104.31 6.60 0.00	58.79 3.39 0.00	52.15 3.05 0.00	56.69 3.40 0.00	47.64 2.87 0.00
ASTORIA_GT_5 24106	39.06 1.65 0.00	35.81 1.55 0.00	36.99 1.32 0.00	34.39 1.27 0.00	31.30 1.14 0.00	42.41 1.25 0.00	58.64 1.87 0.00	67.60 2.79 0.00	43.62 2.18 0.00	35.72 1.97 0.00	39.01 2.17 0.00	37.24 1.99 0.00	38.47 2.23 0.00	33.22 2.31 0.00	36.90 2.55 0.00	43.18 3.06 -3.14	35.25 2.84 -0.57	35.04 2.72 0.00	39.04 2.77 0.00	104.01 6.30 0.00	58.60 3.20 0.00	51.99 2.90 0.00	56.55 3.25 0.00	47.53 2.76 0.01
ASTORIA_GT_7 24107	39.06 1.65 0.00	35.81 1.55 0.00	36.99 1.32 0.00	34.39 1.27 0.00	31.30 1.14 0.00	42.41 1.25 0.00	58.64 1.87 0.00	67.60 2.79 0.00	43.62 2.18 0.00	35.72 1.97 0.00	39.01 2.17 0.00	37.24 1.99 0.00	38.47 2.23 0.00	33.22 2.31 0.00	36.90 2.55 0.00	43.18 3.06 -3.14	35.25 2.84 -0.57	35.04 2.72 0.00	39.04 2.77 0.00	104.01 6.30 0.00	58.60 3.20 0.00	51.99 2.90 0.00	56.55 3.25 0.00	47.53 2.76 0.01
ASTORIA_GT_8 24108	39.06 1.65 0.00	35.81 1.55 0.00	36.99 1.32 0.00	34.39 1.27 0.00	31.30 1.14 0.00	42.41 1.25 0.00	58.64 1.87 0.00	67.60 2.79 0.00	43.62 2.18 0.00	35.72 1.97 0.00	39.01 2.17 0.00	37.24 1.99 0.00	38.47 2.23 0.00	33.22 2.31 0.00	36.90 2.55 0.00	43.18 3.06 -3.14	35.25 2.84 -0.57	35.04 2.72 0.00	39.04 2.77 0.00	104.01 6.30 0.00	58.60 3.20 0.00	51.99 2.90 0.00	56.55 3.25 0.00	47.53 2.76 0.01
ASTORIA___2 24149	39.00 1.59 0.00	35.75 1.48 0.00	36.94 1.27 0.00	34.33 1.21 0.00	31.26 1.10 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.48 2.68 0.00	43.54 2.09 0.00	35.66 1.91 0.00	38.93 2.10 0.00	37.17 1.92 0.00	38.40 2.16 0.00	33.15 2.24 0.00	36.84 2.49 0.00	43.12 3.00 -3.14	35.19 2.78 -0.57	34.97 2.66 0.00	38.97 2.71 0.00	103.82 6.12 0.00	58.51 3.11 0.00	51.90 2.81 0.00	56.46 3.16 0.00	47.45 2.68 0.01
ASTORIA___3 23516	39.04 1.63 0.00	35.76 1.50 0.00	36.95 1.28 0.00	34.32 1.20 0.00	31.32 1.15 0.00	42.48 1.32 0.00	58.77 1.99 0.00	67.63 2.82 0.00	43.60 2.16 0.00	35.70 1.95 0.00	38.99 2.16 0.00	37.31 2.06 0.00	38.50 2.26 0.00	33.18 2.27 0.00	36.98 2.64 0.00	43.20 3.09 -3.14	35.22 2.81 -0.57	35.08 2.77 0.00	39.13 2.87 0.00	104.31 6.60 0.00	58.80 3.40 0.00	52.14 3.05 0.00	56.68 3.39 0.00	47.64 2.86 0.00
ASTORIA___4 23517	39.05 1.62 0.00	35.76 1.50 0.00	36.95 1.28 0.00	34.32 1.20 0.00	31.31 1.15 0.00	42.49 1.33 0.00	58.77 1.99 0.00	67.64 2.83 0.00	43.60 2.16 0.00	35.69 1.95 0.00	38.99 2.16 0.00	37.32 2.06 0.00	38.50 2.26 0.00	33.18 2.27 0.00	36.98 2.64 0.00	43.19 3.07 -3.14	35.23 2.82 -0.57	35.08 2.77 0.00	39.14 2.87 0.00	104.31 6.60 0.00	58.79 3.39 0.00	52.15 3.05 0.00	56.69 3.40 0.00	47.64 2.87 0.00
ASTORIA___5 23518	39.04 1.63 0.00	35.76 1.50 0.00	36.95 1.28 0.00	34.32 1.20 0.00	31.32 1.15 0.00	42.48 1.32 0.00	58.77 1.99 0.00	67.63 2.82 0.00	43.60 2.16 0.00	35.70 1.95 0.00	38.99 2.16 0.00	37.31 2.06 0.00	38.50 2.26 0.00	33.18 2.27 0.00	36.98 2.64 0.00	43.20 3.09 -3.14	35.22 2.81 -0.57	35.08 2.77 0.00	39.13 2.87 0.00	104.31 6.60 0.00	58.80 3.40 0.00	52.14 3.05 0.00	56.68 3.39 0.00	47.64 2.86 0.00
AST_ENERGY_2_CC3 323677	39.01 1.59 0.00	35.74 1.48 0.00	36.94 1.27 0.00	34.31 1.19 0.00	31.30 1.13 0.00	42.50 1.34 0.00	58.83 2.05 0.00	67.70 2.89 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.35 2.10 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.22 3.10 -3.14	35.25 2.84 -0.57	35.13 2.82 0.00	39.21 2.95 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.84 3.54 0.00	47.74 2.96 0.00
AST_ENERGY_2_CC4 323678	39.01 1.59 0.00	35.74 1.48 0.00	36.94 1.27 0.00	34.31 1.19 0.00	31.30 1.13 0.00	42.50 1.34 0.00	58.83 2.05 0.00	67.70 2.89 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.35 2.10 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.22 3.10 -3.14	35.25 2.84 -0.57	35.13 2.82 0.00	39.21 2.95 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.84 3.54 0.00	47.74 2.96 0.00

ATHENS_STG_1 23668	38.45 1.03 0.00	35.24 0.98 0.00	36.62 0.95 0.00	33.99 0.87 0.00	30.91 0.75 0.00	42.07 0.91 0.00	58.08 1.30 0.00	66.44 1.63 0.00	42.53 1.09 0.00	34.72 0.97 0.00	37.94 1.10 0.00	36.39 1.15 0.00	37.46 1.22 0.00	32.10 1.19 0.00	35.79 1.44 0.00	40.03 1.70 -1.36	34.00 1.56 -0.60	33.88 1.57 0.00	37.95 1.68 0.00	101.53 3.82 0.00	57.34 1.94 0.00	50.92 1.82 0.00	55.36 2.06 0.00	46.50 1.72 0.00
ATHENS_STG_2 23670	38.45 1.03 0.00	35.24 0.98 0.00	36.62 0.95 0.00	33.99 0.87 0.00	30.91 0.75 0.00	42.07 0.91 0.00	58.08 1.30 0.00	66.44 1.63 0.00	42.53 1.09 0.00	34.72 0.97 0.00	37.94 1.10 0.00	36.39 1.15 0.00	37.46 1.22 0.00	32.10 1.19 0.00	35.79 1.44 0.00	40.03 1.70 -1.36	34.00 1.56 -0.60	33.88 1.57 0.00	37.95 1.68 0.00	101.53 3.82 0.00	57.34 1.94 0.00	50.92 1.82 0.00	55.36 2.06 0.00	46.50 1.72 0.00
ATHENS_STG_3 23677	38.45 1.03 0.00	35.24 0.98 0.00	36.62 0.95 0.00	33.99 0.87 0.00	30.91 0.75 0.00	42.07 0.91 0.00	58.08 1.30 0.00	66.44 1.63 0.00	42.53 1.09 0.00	34.72 0.97 0.00	37.94 1.10 0.00	36.39 1.15 0.00	37.46 1.22 0.00	32.10 1.19 0.00	35.79 1.44 0.00	40.03 1.70 -1.36	34.00 1.56 -0.60	33.88 1.57 0.00	37.95 1.68 0.00	101.53 3.82 0.00	57.34 1.94 0.00	50.92 1.82 0.00	55.36 2.06 0.00	46.50 1.72 0.00
AUBURN____LFGE 323710	36.25 -0.12 1.05	32.81 -0.17 1.28	35.60 -0.07 0.00	32.94 -0.18 0.00	29.59 -0.03 0.54	41.26 0.10 0.00	57.20 0.42 0.00	65.87 1.06 0.00	42.47 1.02 0.00	34.64 0.89 0.00	37.73 0.89 0.00	35.59 0.33 0.00	36.39 0.15 0.00	31.05 0.13 0.00	34.53 0.19 0.00	31.43 -0.07 5.48	31.70 -0.22 -0.08	32.08 -0.23 0.00	36.09 -0.18 0.00	97.52 0.07 0.25	55.52 0.12 0.00	49.17 0.08 0.00	53.42 0.12 0.00	44.38 0.03 0.42
BABYLON_RES_REC 323704	39.70 2.28 0.00	36.22 1.96 0.00	37.44 1.77 0.00	34.76 1.64 0.00	31.72 1.56 0.00	47.47 2.04 -4.28	64.43 2.87 -4.78	69.18 3.39 -0.98	43.81 2.37 0.00	35.62 1.87 0.00	38.78 1.94 0.00	37.08 1.83 0.00	38.34 2.10 0.00	33.00 2.09 0.00	43.73 2.64 -6.75	58.04 3.12 -17.94	51.08 2.84 -16.40	54.66 2.97 -19.38	43.41 3.13 -4.01	119.38 7.05 -14.62	84.69 3.78 -25.51	65.54 3.51 -12.94	62.98 3.99 -5.70	62.97 3.37 -14.82
BALL_HILL_WT_PWR 323825	32.29 -1.51 3.61	28.18 -1.65 4.43	33.94 -1.73 0.00	31.42 -1.70 0.00	27.29 -1.01 1.86	40.16 -1.00 0.00	54.84 -1.94 0.00	59.76 -2.05 3.01	40.51 -0.94 0.00	32.72 -1.02 0.00	35.75 -1.09 0.00	34.03 -1.22 0.00	34.85 -1.39 0.00	29.63 -1.28 0.00	32.99 -1.36 0.00	18.84 -2.16 15.98	29.97 -1.96 -0.09	30.23 -2.08 0.00	34.12 -2.15 0.00	91.65 -5.17 0.89	52.42 -2.98 0.00	46.25 -2.84 0.00	50.56 -2.74 0.00	40.66 -2.66 1.46
BARON_WINDS____WT_PWR 323822	29.99 -1.74 5.69	25.48 -1.81 6.98	33.81 -1.86 0.00	31.31 -1.81 0.00	25.94 -1.29 2.93	39.94 -1.23 0.00	55.33 -1.45 0.00	58.39 -1.54 4.88	40.85 -0.59 0.00	33.04 -0.71 0.00	36.01 -0.83 0.00	34.39 -0.86 0.00	34.94 -1.30 0.00	29.43 -1.48 0.00	32.74 -1.60 0.00	9.37 -2.49 25.11	30.22 -1.73 -0.11	30.50 -1.81 0.00	34.55 -1.71 0.00	92.76 -3.55 1.40	53.39 -2.01 0.00	47.23 -1.86 0.00	51.62 -1.67 0.00	40.66 -1.82 2.30
BARRETT_IC_1 23704	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT_IC_10 23701	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT_IC_11 23702	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT_IC_12 23703	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT_IC_2 23705	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT_IC_3 23706	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT_IC_4 23707	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT_IC_5 23708	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31

BARRETT_IC_6 23709	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT_IC_7 23710	39.36 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.37 -4.62	68.55 2.80 -0.95	43.62 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.14 0.00	32.98 2.07 0.00	43.44 2.58 -6.52	57.41 2.99 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.85 -3.88	117.97 6.13 -14.12	83.30 3.27 -24.64	64.73 3.14 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT_IC_8 23711	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT_IC_9 23700	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT___1 23545	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BARRETT___2 23546	39.35 1.94 0.00	35.97 1.71 0.00	37.22 1.55 0.00	34.55 1.43 0.00	31.52 1.36 0.00	47.03 1.74 -4.13	63.76 2.36 -4.62	68.56 2.81 -0.95	43.61 2.17 0.00	35.55 1.81 0.00	38.78 1.94 0.00	37.13 1.88 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.45 2.58 -6.52	57.42 3.00 -17.44	50.49 2.78 -15.86	53.79 2.75 -18.73	42.99 2.84 -3.88	118.00 6.17 -14.12	83.30 3.26 -24.64	64.73 3.13 -12.50	62.42 3.62 -5.51	62.16 3.06 -14.31
BATAVIA__115KV_TB1 55881	33.60 -1.15 2.67	29.74 -1.24 3.28	34.42 -1.25 0.00	31.86 -1.26 0.00	28.20 -0.59 1.38	40.66 -0.50 0.00	55.55 -1.23 0.00	61.54 -1.06 2.21	41.08 -0.37 0.00	33.03 -0.72 0.00	35.69 -1.15 0.00	33.66 -1.59 0.00	34.47 -1.77 0.00	29.33 -1.58 0.00	32.62 -1.72 0.00	22.94 -2.16 11.88	29.64 -2.28 -0.08	29.89 -2.41 0.00	33.87 -2.40 0.00	92.09 -4.96 0.66	52.86 -2.53 0.00	46.74 -2.36 0.00	51.11 -2.19 0.00	41.57 -2.13 1.08
BAYONEEC___CTG1 323682	39.04 1.62 0.00	35.75 1.48 0.00	36.95 1.29 0.00	34.31 1.19 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.69 2.88 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.23 3.11 -3.14	35.26 2.85 -0.57	35.13 2.83 0.00	39.22 2.96 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.82 3.52 0.00	47.71 2.94 0.00
BAYONEEC___CTG10 323750	39.04 1.62 0.00	35.75 1.48 0.00	36.95 1.29 0.00	34.31 1.19 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.69 2.88 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.23 3.11 -3.14	35.26 2.85 -0.57	35.13 2.83 0.00	39.22 2.96 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.82 3.52 0.00	47.71 2.94 0.00
BAYONEEC___CTG2 323683	39.04 1.62 0.00	35.75 1.48 0.00	36.95 1.29 0.00	34.31 1.19 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.69 2.88 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.23 3.11 -3.14	35.26 2.85 -0.57	35.13 2.83 0.00	39.22 2.96 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.82 3.52 0.00	47.71 2.94 0.00
BAYONEEC___CTG3 323684	39.04 1.62 0.00	35.75 1.48 0.00	36.95 1.29 0.00	34.31 1.19 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.69 2.88 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.23 3.11 -3.14	35.26 2.85 -0.57	35.13 2.83 0.00	39.22 2.96 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.82 3.52 0.00	47.71 2.94 0.00
BAYONEEC___CTG4 323685	39.04 1.62 0.00	35.75 1.48 0.00	36.95 1.29 0.00	34.31 1.19 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.69 2.88 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.23 3.11 -3.14	35.26 2.85 -0.57	35.13 2.83 0.00	39.22 2.96 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.82 3.52 0.00	47.71 2.94 0.00
BAYONEEC___CTG5 323686	39.04 1.62 0.00	35.75 1.48 0.00	36.95 1.29 0.00	34.31 1.19 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.69 2.88 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.23 3.11 -3.14	35.26 2.85 -0.57	35.13 2.83 0.00	39.22 2.96 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.82 3.52 0.00	47.71 2.94 0.00
BAYONEEC___CTG6 323687	39.04 1.62 0.00	35.75 1.48 0.00	36.95 1.29 0.00	34.31 1.19 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.69 2.88 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.23 3.11 -3.14	35.26 2.85 -0.57	35.13 2.83 0.00	39.22 2.96 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.82 3.52 0.00	47.71 2.94 0.00
BAYONEEC___CTG7 323688	39.04 1.62 0.00	35.75 1.48 0.00	36.95 1.29 0.00	34.31 1.19 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.69 2.88 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.23 3.11 -3.14	35.26 2.85 -0.57	35.13 2.83 0.00	39.22 2.96 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.82 3.52 0.00	47.71 2.94 0.00

BAYONEEC___CTG8 323689	39.04 1.62 0.00	35.75 1.48 0.00	36.95 1.29 0.00	34.31 1.19 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.69 2.88 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.23 3.11 -3.14	35.26 2.85 -0.57	35.13 2.83 0.00	39.22 2.96 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.82 3.52 0.00	47.71 2.94 0.00
BAYONEEC___CTG9 323749	39.04 1.62 0.00	35.75 1.48 0.00	36.95 1.29 0.00	34.31 1.19 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.69 2.88 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.23 3.11 -3.14	35.26 2.85 -0.57	35.13 2.83 0.00	39.22 2.96 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.82 3.52 0.00	47.71 2.94 0.00
BAYPORT_69_KV_BK 2 356364	39.96 2.54 0.00	36.46 2.19 0.00	37.72 2.05 0.00	35.03 1.91 0.00	31.99 1.82 0.00	47.53 2.40 -3.97	64.67 3.45 -4.44	69.70 3.98 -0.91	44.20 2.75 0.00	35.84 2.10 0.00	39.00 2.16 0.00	37.24 1.99 0.00	38.50 2.26 0.00	33.09 2.18 0.00	43.51 2.90 -6.27	57.06 3.19 -16.89	50.13 3.01 -15.28	53.51 3.19 -18.01	43.47 3.47 -3.73	119.15 7.85 -13.58	83.37 4.28 -23.69	65.02 3.90 -12.02	63.04 4.45 -5.30	62.27 3.72 -13.77
BEACON___LESR 323632	38.57 1.15 0.00	35.35 1.09 0.00	36.76 1.09 0.00	34.16 1.04 0.00	31.07 0.91 0.00	42.05 0.89 0.00	58.00 1.22 0.00	66.26 1.45 0.00	42.29 0.85 0.00	34.42 0.67 0.00	37.59 0.76 0.00	36.19 0.94 0.00	37.26 1.02 0.00	31.79 0.88 0.00	35.43 1.09 0.00	39.74 1.29 -1.47	33.70 1.21 -0.65	33.58 1.27 0.00	37.67 1.40 0.00	100.86 3.16 0.00	56.95 1.56 0.00	50.60 1.51 0.00	54.96 1.67 0.00	46.25 1.48 0.00
BEAVER RIVER___HYD 24048	35.51 -1.91 0.00	32.70 -1.56 0.00	34.05 -1.62 0.00	31.78 -1.34 0.00	29.01 -1.15 0.00	39.94 -1.22 0.00	55.22 -1.56 0.00	62.77 -2.04 0.00	39.73 -1.72 0.00	32.02 -1.73 0.00	34.50 -2.34 0.00	32.97 -2.28 0.00	33.91 -2.33 0.00	29.01 -1.91 0.00	32.05 -2.29 0.00	34.40 -2.64 -0.06	29.60 -2.27 -0.03	30.23 -2.07 0.00	34.34 -1.93 0.00	94.19 -3.51 0.00	54.06 -1.34 0.00	47.65 -1.44 0.00	51.37 -1.93 0.00	43.03 -1.74 0.00
BEEBEE_GT_13 23619	34.44 -0.98 2.00	30.76 -1.05 2.45	34.60 -1.07 0.00	32.06 -1.06 0.00	28.56 -0.57 1.03	40.61 -0.55 0.00	55.73 -1.05 0.00	62.20 -0.97 1.64	41.09 -0.36 0.00	33.26 -0.48 0.00	36.20 -0.64 0.00	34.39 -0.87 0.00	35.24 -1.00 0.00	30.08 -0.84 0.00	33.43 -0.92 0.00	26.78 -1.26 8.93	30.63 -1.28 -0.07	30.93 -1.38 0.00	34.85 -1.42 0.00	93.84 -3.38 0.49	53.51 -1.88 0.00	47.31 -1.79 0.00	51.56 -1.73 0.00	42.28 -1.69 0.81
BENSHRST_27_KV_BENSHRST_1 355998	39.46 2.04 0.00	36.11 1.85 0.00	37.29 1.62 0.00	34.62 1.50 0.00	31.55 1.39 0.00	42.87 1.71 0.00	59.35 2.58 0.00	68.28 3.47 0.00	43.98 2.54 0.00	36.00 2.25 0.00	39.33 2.49 0.00	37.62 2.37 0.00	38.85 2.61 0.00	33.46 2.54 0.00	37.33 2.99 0.00	43.57 3.45 -3.14	35.57 3.16 -0.57	35.42 3.11 0.00	39.53 3.26 0.00	105.51 7.80 0.00	59.45 4.05 0.00	52.74 3.65 0.00	57.33 4.03 0.00	48.14 3.37 0.00
BETHLEHEM___GRP 23843	38.13 0.72 0.00	34.94 0.68 0.00	36.33 0.66 0.00	33.76 0.64 0.00	30.69 0.53 0.00	41.45 0.29 0.00	57.08 0.30 0.00	65.24 0.43 0.00	41.72 0.27 0.00	34.02 0.27 0.00	37.17 0.34 0.00	35.75 0.50 0.00	36.79 0.55 0.00	31.45 0.54 0.00	35.01 0.67 0.00	39.31 0.86 -1.48	33.30 0.80 -0.65	33.14 0.83 0.00	37.13 0.86 0.00	99.30 1.59 0.00	56.09 0.70 0.00	49.84 0.75 0.00	54.16 0.86 0.00	45.63 0.85 0.00
BETHLEHEM___GS1 323560	38.13 0.72 0.00	34.95 0.69 0.00	36.33 0.66 0.00	33.76 0.64 0.00	30.69 0.53 0.00	41.45 0.29 0.00	57.08 0.30 0.00	65.24 0.43 0.00	41.72 0.27 0.00	34.02 0.27 0.00	37.17 0.33 0.00	35.75 0.50 0.00	36.79 0.55 0.00	31.45 0.54 0.00	35.01 0.67 0.00	39.33 0.88 -1.48	33.30 0.80 -0.65	33.14 0.83 0.00	37.14 0.87 0.00	99.30 1.59 0.00	56.09 0.70 0.00	49.85 0.75 0.00	54.15 0.86 0.00	45.62 0.85 0.00
BETHLEHEM___GS2 323561	38.13 0.72 0.00	34.95 0.69 0.00	36.33 0.66 0.00	33.76 0.64 0.00	30.69 0.53 0.00	41.45 0.29 0.00	57.08 0.30 0.00	65.24 0.43 0.00	41.72 0.27 0.00	34.02 0.27 0.00	37.17 0.33 0.00	35.75 0.50 0.00	36.79 0.55 0.00	31.45 0.54 0.00	35.01 0.67 0.00	39.33 0.88 -1.48	33.30 0.80 -0.65	33.14 0.83 0.00	37.14 0.87 0.00	99.30 1.59 0.00	56.09 0.70 0.00	49.85 0.75 0.00	54.15 0.86 0.00	45.62 0.85 0.00
BETHLEHEM___GS3 323562	38.13 0.72 0.00	34.95 0.69 0.00	36.33 0.66 0.00	33.76 0.64 0.00	30.69 0.53 0.00	41.45 0.29 0.00	57.08 0.30 0.00	65.24 0.43 0.00	41.72 0.27 0.00	34.02 0.27 0.00	37.17 0.33 0.00	35.75 0.50 0.00	36.79 0.55 0.00	31.45 0.54 0.00	35.01 0.67 0.00	39.33 0.88 -1.48	33.30 0.80 -0.65	33.14 0.83 0.00	37.14 0.87 0.00	99.30 1.59 0.00	56.09 0.70 0.00	49.85 0.75 0.00	54.15 0.86 0.00	45.62 0.85 0.00
BETHLEHEM___STEEL 23779	32.09 -1.82 3.51	28.07 -1.90 4.30	33.75 -1.92 0.00	31.21 -1.91 0.00	27.17 -1.18 1.81	39.90 -1.26 0.00	54.44 -2.34 0.00	59.40 -2.49 2.93	40.18 -1.26 0.00	32.47 -1.28 0.00	35.43 -1.40 0.00	33.70 -1.55 0.00	34.51 -1.73 0.00	29.39 -1.52 0.00	32.69 -1.65 0.00	19.23 -2.22 15.52	29.71 -2.23 -0.09	29.93 -2.38 0.00	33.76 -2.51 0.00	90.62 -6.23 0.86	51.85 -3.54 0.00	45.79 -3.30 0.00	50.14 -3.16 0.00	40.39 -2.97 1.42
BETHLHEM_115KV_TB1 79974	38.17 0.75 0.00	34.98 0.71 0.00	36.36 0.69 0.00	33.78 0.66 0.00	30.72 0.55 0.00	41.53 0.37 0.00	57.23 0.45 0.00	65.42 0.61 0.00	41.82 0.38 0.00	34.10 0.35 0.00	37.25 0.41 0.00	35.82 0.57 0.00	36.86 0.62 0.00	31.51 0.60 0.00	35.08 0.74 0.00	39.38 0.93 -1.47	33.36 0.87 -0.65	33.20 0.89 0.00	37.20 0.93 0.00	99.52 1.81 0.00	56.24 0.85 0.00	49.96 0.87 0.00	54.30 1.01 0.00	45.73 0.95 0.00
BETHPAGE_CC_5 323564	39.65 2.23 0.00	36.22 1.96 0.00	37.46 1.80 0.00	34.78 1.65 0.00	31.74 1.58 0.00	47.72 2.05 -4.50	64.71 2.90 -5.03	69.30 3.45 -1.03	43.88 2.43 0.00	35.73 1.98 0.00	38.93 2.10 0.00	37.26 2.01 0.00	38.52 2.28 0.00	33.12 2.21 0.00	44.22 2.77 -7.11	58.94 3.23 -18.73	52.05 2.97 -17.24	55.75 3.02 -20.42	43.66 3.17 -4.23	120.35 7.24 -15.40	86.10 3.84 -26.86	66.29 3.57 -13.63	63.34 4.04 -6.00	63.78 3.40 -15.61
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.08 -1.76 3.58	28.03 -1.85 4.39	33.79 -1.88 0.00	31.25 -1.87 0.00	27.17 -1.15 1.84	39.96 -1.20 0.00	54.53 -2.25 0.00	59.46 -2.36 2.99	40.27 -1.18 0.00	32.54 -1.20 0.00	35.52 -1.32 0.00	33.78 -1.47 0.00	34.58 -1.66 0.00	29.45 -1.46 0.00	32.76 -1.59 0.00	18.97 -2.18 15.82	29.75 -2.18 -0.09	29.99 -2.32 0.00	33.82 -2.45 0.00	90.82 -6.01 0.88	51.97 -3.43 0.00	45.88 -3.22 0.00	50.22 -3.08 0.00	40.43 -2.91 1.45

BINGHAMTON___COGEN 23790	41.11 0.13 -3.56	38.69 0.06 -4.37	35.70 0.03 0.00	33.11 -0.02 0.00	32.04 0.05 -1.83	41.34 0.18 0.00	57.21 0.43 0.00	65.89 0.42 -0.66	41.80 0.35 0.00	34.10 0.36 0.00	37.28 0.44 0.00	35.59 0.34 0.00	36.44 0.20 0.00	30.99 0.07 0.00	34.56 0.22 0.00	53.87 0.19 -16.70	32.29 0.24 -0.21	32.55 0.24 0.00	36.58 0.31 0.00	99.56 0.96 -0.89	55.83 0.44 0.00	49.46 0.37 0.00	53.79 0.50 0.00	46.55 0.31 -1.46
BIXINCNT_115KV_LOAD 355685	32.12 -1.39 3.90	27.95 -1.53 4.78	34.07 -1.60 0.00	31.48 -1.65 0.00	27.29 -0.86 2.01	40.41 -0.75 0.00	55.38 -1.39 0.00	60.18 -1.34 3.29	40.96 -0.49 0.00	33.18 -0.57 0.00	36.18 -0.65 0.00	34.44 -0.81 0.00	35.17 -1.07 0.00	29.87 -1.04 0.00	33.05 -1.29 0.00	17.53 -2.20 17.25	29.70 -2.24 -0.09	30.05 -2.26 0.00	33.90 -2.36 0.00	91.86 -4.89 0.96	52.80 -2.60 0.00	46.60 -2.49 0.00	50.98 -2.32 0.00	40.89 -2.31 1.58
BLACK RIVER___HYD 24047	35.43 -1.99 0.00	32.68 -1.58 0.00	33.99 -1.68 0.00	31.75 -1.37 0.00	29.00 -1.16 0.00	40.00 -1.17 0.00	55.29 -1.49 0.00	62.78 -2.03 0.00	39.58 -1.87 0.00	31.90 -1.84 0.00	34.35 -2.49 0.00	32.66 -2.59 0.00	33.68 -2.56 0.00	28.80 -2.11 0.00	31.79 -2.56 0.00	34.18 -2.88 -0.08	29.37 -2.50 -0.03	30.05 -2.26 0.00	34.08 -2.18 0.00	93.92 -3.79 0.00	53.98 -1.42 0.00	47.66 -1.43 0.00	51.32 -1.97 0.00	42.99 -1.79 0.00
BLACKRVR_115KV_TB2 79977	35.43 -1.99 0.00	32.68 -1.58 0.00	33.99 -1.68 0.00	31.75 -1.37 0.00	29.00 -1.16 0.00	40.00 -1.17 0.00	55.29 -1.49 0.00	62.78 -2.03 0.00	39.58 -1.87 0.00	31.90 -1.84 0.00	34.35 -2.49 0.00	32.66 -2.59 0.00	33.68 -2.56 0.00	28.80 -2.11 0.00	31.79 -2.56 0.00	34.18 -2.87 -0.08	29.37 -2.50 -0.03	30.05 -2.26 0.00	34.08 -2.18 0.00	93.92 -3.78 0.00	53.98 -1.42 0.00	47.65 -1.43 0.00	51.32 -1.98 0.00	42.99 -1.79 0.00
BLISS_WT_PWR 323608	32.09 -1.43 3.90	27.93 -1.55 4.78	34.05 -1.62 0.00	31.44 -1.68 0.00	27.31 -0.85 2.01	40.44 -0.72 0.00	55.43 -1.35 0.00	60.23 -1.29 3.29	41.00 -0.44 0.00	33.21 -0.53 0.00	36.22 -0.62 0.00	34.48 -0.77 0.00	35.19 -1.05 0.00	29.90 -1.01 0.00	33.00 -1.34 0.00	17.30 -2.43 17.25	29.56 -2.38 -0.09	29.93 -2.38 0.00	33.78 -2.49 0.00	91.73 -5.02 0.96	52.84 -2.55 0.00	46.62 -2.47 0.00	51.02 -2.28 0.00	40.88 -2.32 1.58
BLUESTONE___WT_PWR 323821	40.46 1.64 -1.40	37.32 1.35 -1.72	37.02 1.35 0.00	33.98 0.86 0.00	31.63 0.75 -0.72	42.39 1.23 0.00	59.78 3.00 0.00	69.67 3.45 -1.42	43.41 1.96 0.00	35.54 1.79 0.00	38.83 2.00 0.00	37.20 1.95 0.00	37.79 1.55 0.00	32.07 1.16 0.00	35.11 0.76 0.00	45.13 0.88 -7.28	32.96 0.82 -0.29	33.38 1.07 0.00	38.15 1.88 0.00	103.92 5.85 -0.36	58.62 3.23 0.00	51.89 2.80 0.00	56.30 3.00 0.00	47.69 2.32 -0.59
BLUE_CIRC_CHEM_DRP 24182	38.44 1.02 0.00	35.24 0.98 0.00	36.67 1.00 0.00	34.06 0.94 0.00	30.99 0.82 0.00	42.05 0.89 0.00	57.95 1.17 0.00	66.07 1.26 0.00	42.08 0.64 0.00	34.26 0.51 0.00	37.43 0.59 0.00	36.03 0.78 0.00	37.09 0.85 0.00	31.69 0.78 0.00	35.23 0.88 0.00	39.50 1.07 -1.46	33.48 1.00 -0.64	33.35 1.04 0.00	37.41 1.14 0.00	100.49 2.78 0.00	56.83 1.43 0.00	50.46 1.37 0.00	54.86 1.57 0.00	46.17 1.40 0.00
BOC_GAS_DRP 24189	38.19 0.77 0.00	34.99 0.73 0.00	36.40 0.73 0.00	33.80 0.68 0.00	30.74 0.58 0.00	41.75 0.59 0.00	57.57 0.79 0.00	65.79 0.98 0.00	42.07 0.62 0.00	34.32 0.57 0.00	37.49 0.65 0.00	35.99 0.74 0.00	37.04 0.80 0.00	31.67 0.76 0.00	35.27 0.93 0.00	39.56 1.12 -1.47	33.50 1.02 -0.65	33.34 1.03 0.00	37.35 1.08 0.00	100.07 2.36 0.00	56.55 1.16 0.00	50.23 1.14 0.00	54.62 1.32 0.00	45.93 1.15 0.00
BOONVILLE_115KV_TB1 79983	37.20 -0.22 0.00	34.13 -0.13 0.00	35.51 -0.16 0.00	33.06 -0.06 0.00	30.21 0.04 0.00	41.44 0.28 0.00	57.31 0.53 0.00	65.15 0.34 0.00	41.29 -0.15 0.00	33.43 -0.32 0.00	36.26 -0.58 0.00	34.77 -0.48 0.00	35.59 -0.65 0.00	30.41 -0.50 0.00	33.73 -0.61 0.00	36.15 -0.89 -0.06	31.14 -0.72 -0.03	31.74 -0.57 0.00	36.04 -0.22 0.00	98.26 0.55 0.00	56.09 0.69 0.00	49.52 0.43 0.00	53.55 0.26 0.00	44.84 0.06 0.00
BORALEX_4TH_BRANCH 23824	39.05 1.63 0.00	35.77 1.51 0.00	37.18 1.51 0.00	34.54 1.42 0.00	31.43 1.27 0.00	42.78 1.62 0.00	59.04 2.26 0.00	67.45 2.64 0.00	42.96 1.52 0.00	34.95 1.20 0.00	38.22 1.39 0.00	36.83 1.58 0.00	37.82 1.58 0.00	32.28 1.37 0.00	35.93 1.58 0.00	40.30 1.84 -1.48	34.07 1.58 -0.65	33.97 1.66 0.00	38.06 1.79 0.00	101.87 4.16 0.00	57.58 2.19 0.00	51.34 2.25 0.00	55.92 2.62 0.00	47.05 2.27 0.00
BOWLINE___1 23526	38.85 1.43 0.00	35.58 1.32 0.00	36.84 1.17 0.00	34.17 1.05 0.00	31.14 0.97 0.00	42.39 1.23 0.00	58.64 1.86 0.00	67.24 2.44 0.00	43.17 1.73 0.00	35.29 1.54 0.00	38.56 1.73 0.00	36.95 1.70 0.00	38.11 1.88 0.00	32.78 1.87 0.00	36.64 2.29 0.00	42.86 2.69 -3.20	34.85 2.45 -0.56	34.75 2.44 0.00	38.86 2.59 0.00	103.94 6.13 -0.10	58.53 3.14 0.00	51.91 2.82 0.00	56.40 3.10 0.00	47.49 2.54 -0.17
BOWLINE___2 23595	38.85 1.43 0.00	35.58 1.32 0.00	36.84 1.17 0.00	34.17 1.05 0.00	31.14 0.97 0.00	42.39 1.23 0.00	58.64 1.86 0.00	67.24 2.44 0.00	43.17 1.73 0.00	35.29 1.54 0.00	38.56 1.73 0.00	36.95 1.70 0.00	38.11 1.88 0.00	32.78 1.87 0.00	36.64 2.29 0.00	42.86 2.69 -3.20	34.85 2.45 -0.56	34.75 2.44 0.00	38.86 2.59 0.00	103.94 6.13 -0.10	58.53 3.14 0.00	51.91 2.82 0.00	56.40 3.10 0.00	47.49 2.54 -0.17
BRADY___115KV_TB2 356060	37.27 -0.14 0.00	34.10 -0.16 0.00	35.61 -0.06 0.00	33.12 0.00 0.00	30.09 -0.07 0.00	41.21 0.05 0.00	56.70 -0.08 0.00	64.49 -0.32 0.00	41.13 -0.32 0.00	33.20 -0.55 0.00	36.02 -0.82 0.00	34.37 -0.88 0.00	35.49 -0.75 0.00	30.32 -0.59 0.00	33.66 -0.69 0.00	36.11 -0.87 0.00	31.06 -0.78 0.00	31.57 -0.74 0.00	35.59 -0.68 0.00	96.83 -0.88 0.00	55.57 0.18 0.00	48.98 -0.12 0.00	52.87 -0.43 0.00	44.36 -0.42 0.00
BRANSCOMB___SOLAR 323811	39.17 1.75 0.00	35.88 1.62 0.00	37.32 1.65 0.00	34.65 1.53 0.00	31.45 1.29 0.00	42.85 1.69 0.00	59.38 2.60 0.00	67.60 2.79 0.00	42.80 1.35 0.00	34.63 0.89 0.00	37.77 0.94 0.00	36.58 1.33 0.00	37.48 1.25 0.00	31.99 1.07 0.00	35.51 1.17 0.00	39.97 1.49 -1.51	33.88 1.37 -0.67	33.84 1.53 0.00	38.02 1.75 0.00	102.45 4.74 0.00	57.91 2.51 0.00	51.51 2.42 0.00	55.94 2.64 0.00	46.93 2.15 0.00
BRDGHMPT_69_KV_BK1 55812	39.22 1.80 0.00	35.75 1.49 0.00	37.10 1.43 0.00	34.66 1.54 0.00	31.70 1.54 0.00	47.15 2.07 -3.93	65.06 3.89 -4.39	70.11 4.40 -0.90	44.71 3.26 0.00	36.06 2.31 0.00	39.37 2.54 0.00	37.37 2.12 0.00	38.31 2.07 0.00	32.59 1.68 0.00	42.80 2.25 -6.20	56.25 2.54 -16.74	49.48 2.53 -15.11	52.84 2.73 -17.81	43.13 3.18 -3.69	117.90 6.76 -13.43	82.46 3.64 -23.43	64.21 3.23 -11.89	62.17 3.64 -5.24	61.77 3.38 -13.61

BRENTWOD_69_KV_W. BRTWOOD 56703	39.83 2.41 0.00	36.35 2.09 0.00	37.61 1.94 0.00	34.92 1.79 0.00	31.87 1.71 0.00	47.38 2.23 -3.99	64.22 2.98 -4.45	69.18 3.46 -0.91	43.97 2.52 0.00	35.74 1.99 0.00	38.90 2.07 0.00	37.18 1.93 0.00	38.44 2.20 0.00	33.05 2.14 0.00	43.39 2.75 -6.29	57.00 3.09 -16.94	50.07 2.90 -15.32	53.45 3.07 -18.07	43.25 3.24 -3.74	118.58 7.24 -13.63	83.07 3.91 -23.77	64.57 3.42 -12.06	62.64 4.02 -5.31	62.09 3.50 -13.81
BRISTLHL_115KV_TB1 79998	36.34 -1.08 0.00	33.26 -1.00 0.00	34.61 -1.06 0.00	32.13 -0.99 0.00	29.33 -0.84 0.00	40.09 -1.07 0.00	55.34 -1.44 0.00	63.12 -1.69 0.00	40.36 -1.09 0.00	32.90 -0.85 0.00	35.96 -0.88 0.00	34.26 -0.99 0.00	35.14 -1.10 0.00	30.01 -0.90 0.00	33.32 -1.03 0.00	34.10 -1.13 1.73	30.88 -1.02 -0.05	31.22 -1.09 0.00	35.03 -1.24 0.00	94.60 -3.11 0.00	53.70 -1.70 0.00	47.63 -1.46 0.00	51.73 -1.56 0.00	43.47 -1.30 0.00
BROOKHAVEN___DRP 24191	39.62 2.20 0.00	36.16 1.90 0.00	37.42 1.75 0.00	34.77 1.65 0.00	31.76 1.60 0.00	47.15 2.06 -3.93	64.19 3.03 -4.39	69.21 3.50 -0.90	43.92 2.47 0.00	35.62 1.87 0.00	38.77 1.93 0.00	37.01 1.76 0.00	38.22 1.99 0.00	32.84 1.93 0.00	43.10 2.56 -6.20	56.53 2.82 -16.73	49.69 2.75 -15.11	52.97 2.87 -17.80	43.10 3.14 -3.69	117.98 6.85 -13.42	82.51 3.70 -23.42	64.36 3.39 -11.88	62.44 3.91 -5.23	61.72 3.33 -13.61
BROOKLYN_NAVY_YARD 23515	38.92 1.50 0.00	35.68 1.42 0.00	13.67 1.17 23.17	34.21 1.09 0.00	31.21 1.05 0.00	33.95 1.23 8.43	-194.01 1.87 252.66	67.59 2.78 0.00	43.51 2.06 0.00	35.58 1.84 0.01	38.90 2.06 0.00	37.25 2.00 0.00	23.64 2.15 14.75	16.21 2.14 16.84	36.95 2.61 0.00	43.10 2.99 -3.14	35.15 2.75 -0.57	35.02 2.72 0.01	39.09 2.83 0.01	104.24 6.54 0.01	58.74 3.35 0.01	52.09 3.01 0.01	56.64 3.35 0.01	-104.04 2.79 151.61
BROOKLYN___ARMY_DRP 323595	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
BROOME_2_LFGE 323671	41.11 0.13 -3.56	38.69 0.06 -4.37	35.70 0.03 0.00	33.10 -0.02 0.00	32.05 0.05 -1.83	41.34 0.18 0.00	57.21 0.43 0.00	65.89 0.42 -0.66	41.80 0.36 0.00	34.10 0.36 0.00	37.28 0.44 0.00	35.59 0.34 0.00	36.44 0.20 0.00	30.99 0.07 0.00	34.57 0.22 0.00	53.85 0.17 -16.70	32.29 0.24 -0.21	32.55 0.24 0.00	36.58 0.31 0.00	99.56 0.96 -0.89	55.83 0.44 0.00	49.47 0.37 0.00	53.78 0.49 0.00	46.54 0.31 -1.46
BROOME___LFGE 323600	41.11 0.13 -3.56	38.69 0.06 -4.37	35.70 0.03 0.00	33.10 -0.02 0.00	32.05 0.05 -1.83	41.34 0.18 0.00	57.21 0.43 0.00	65.89 0.42 -0.66	41.80 0.36 0.00	34.10 0.36 0.00	37.28 0.44 0.00	35.59 0.34 0.00	36.44 0.20 0.00	30.99 0.07 0.00	34.57 0.22 0.00	53.85 0.17 -16.70	32.29 0.24 -0.21	32.55 0.24 0.00	36.58 0.31 0.00	99.56 0.96 -0.89	55.83 0.44 0.00	49.47 0.37 0.00	53.78 0.49 0.00	46.54 0.31 -1.46
BROWNFLS_115KV_TB_3_5 80003	35.42 -2.00 0.00	32.53 -1.73 0.00	33.92 -1.75 0.00	31.64 -1.49 0.00	28.79 -1.37 0.00	39.55 -1.60 0.00	54.59 -2.19 0.00	62.09 -2.72 0.00	39.44 -2.01 0.00	31.81 -1.94 0.00	34.36 -2.48 0.00	32.82 -2.43 0.00	33.82 -2.42 0.00	28.92 -2.00 0.00	32.01 -2.34 0.00	34.37 -2.64 -0.04	29.57 -2.29 -0.02	30.14 -2.17 0.00	34.12 -2.14 0.00	93.27 -4.44 0.00	53.50 -1.90 0.00	47.13 -1.96 0.00	50.83 -2.47 0.00	42.66 -2.12 0.00
BROWNSV1_27_KV_LOAD 356125	39.26 1.85 0.00	35.95 1.68 0.00	37.15 1.48 0.00	34.48 1.36 0.00	31.45 1.29 0.00	42.74 1.59 0.00	59.21 2.43 0.00	68.13 3.32 0.00	43.87 2.43 0.00	35.91 2.16 0.00	39.24 2.40 0.00	37.58 2.33 0.00	38.75 2.51 0.00	33.36 2.44 0.00	37.24 2.89 0.00	43.44 3.32 -3.14	35.47 3.06 -0.57	35.36 3.05 0.00	39.46 3.19 0.00	105.24 7.53 0.00	59.31 3.92 0.00	52.60 3.51 0.00	57.19 3.89 0.00	48.00 3.23 0.00
BURROWS___LYONSDAL 23803	36.76 -0.66 0.00	33.76 -0.50 0.00	35.13 -0.54 0.00	32.74 -0.38 0.00	29.90 -0.25 0.00	41.08 -0.08 0.00	56.82 0.04 0.00	64.60 -0.21 0.00	40.93 -0.52 0.00	33.09 -0.66 0.00	35.81 -1.03 0.00	34.33 -0.92 0.00	35.17 -1.07 0.00	30.06 -0.85 0.00	33.30 -1.04 0.00	35.70 -1.33 -0.06	30.74 -1.13 -0.03	31.37 -0.94 0.00	35.65 -0.62 0.00	97.30 -0.41 0.00	55.62 0.22 0.00	49.07 -0.02 0.00	53.01 -0.28 0.00	44.39 -0.39 0.00
CAITHNESS_CC_1 323624	39.57 2.15 0.00	36.12 1.86 0.00	37.38 1.71 0.00	34.73 1.60 0.00	31.71 1.55 0.00	47.08 1.99 -3.93	64.06 2.89 -4.39	69.07 3.35 -0.90	43.82 2.38 0.00	35.57 1.82 0.00	38.72 1.88 0.00	36.97 1.72 0.00	38.20 1.96 0.00	32.82 1.91 0.00	43.07 2.53 -6.20	56.50 2.80 -16.73	49.65 2.71 -15.10	52.93 2.82 -17.79	43.02 3.07 -3.68	117.79 6.65 -13.42	82.38 3.57 -23.41	64.26 3.29 -11.88	62.34 3.81 -5.23	61.62 3.24 -13.60
CALPINE BETH_PAGE_GT4 24209	39.66 2.24 0.00	36.24 1.97 0.00	37.48 1.81 0.00	34.79 1.67 0.00	31.74 1.58 0.00	48.00 2.07 -4.76	65.02 2.91 -5.33	69.38 3.48 -1.09	43.91 2.46 0.00	35.75 2.01 0.00	38.96 2.13 0.00	37.29 2.04 0.00	38.55 2.31 0.00	33.15 2.24 0.00	44.67 2.80 -7.52	59.87 3.25 -19.64	53.05 2.99 -18.21	56.95 3.03 -21.60	43.93 3.19 -4.47	121.33 7.32 -16.29	87.69 3.87 -28.43	67.12 3.60 -14.42	63.73 4.08 -6.35	64.72 3.42 -16.51
CALPINE_BETH_PAGE_GT_4 323586	39.66 2.24 0.00	36.23 1.97 0.00	37.48 1.81 0.00	34.79 1.66 0.00	31.74 1.58 0.00	47.99 2.07 -4.76	65.03 2.92 -5.33	69.39 3.49 -1.09	43.90 2.46 0.00	35.75 2.01 0.00	38.96 2.13 0.00	37.29 2.04 0.00	38.56 2.32 0.00	33.15 2.23 0.00	44.67 2.80 -7.52	59.88 3.26 -19.64	53.05 2.99 -18.21	56.95 3.03 -21.60	43.93 3.19 -4.47	121.29 7.29 -16.29	87.69 3.87 -28.43	67.12 3.61 -14.42	63.72 4.07 -6.35	64.72 3.42 -16.51
CALPINE_BP_GT1 23823	39.66 2.24 0.00	36.23 1.97 0.00	37.48 1.81 0.00	34.79 1.66 0.00	31.74 1.58 0.00	47.99 2.07 -4.76	65.03 2.92 -5.33	69.39 3.49 -1.09	43.90 2.46 0.00	35.75 2.01 0.00	38.96 2.13 0.00	37.29 2.04 0.00	38.56 2.32 0.00	33.15 2.23 0.00	44.67 2.80 -7.52	59.88 3.26 -19.64	53.05 2.99 -18.21	56.95 3.03 -21.60	43.93 3.19 -4.47	121.29 7.29 -16.29	87.69 3.87 -28.43	67.12 3.61 -14.42	63.72 4.07 -6.35	64.72 3.42 -16.51
CALSPAN___DRP 24200	32.09 -1.82 3.51	28.07 -1.90 4.30	33.75 -1.92 0.00	31.21 -1.91 0.00	27.17 -1.18 1.81	39.90 -1.26 0.00	54.44 -2.34 0.00	59.40 -2.49 2.93	40.18 -1.26 0.00	32.47 -1.28 0.00	35.43 -1.40 0.00	33.70 -1.55 0.00	34.51 -1.73 0.00	29.39 -1.52 0.00	32.69 -1.65 0.00	19.23 -2.22 15.52	29.71 -2.23 -0.09	29.93 -2.38 0.00	33.76 -2.51 0.00	90.62 -6.23 0.86	51.85 -3.54 0.00	45.79 -3.30 0.00	50.14 -3.16 0.00	40.39 -2.97 1.42

CALVERTON___SOLAR 323806	39.64 2.22 0.00	36.18 1.91 0.00	37.44 1.77 0.00	34.80 1.68 0.00	31.79 1.63 0.00	47.20 2.12 -3.93	64.35 3.18 -4.39	69.39 3.67 -0.90	44.01 2.57 0.00	35.67 1.92 0.00	38.82 1.98 0.00	37.05 1.80 0.00	38.23 1.99 0.00	32.84 1.93 0.00	43.10 2.56 -6.20	56.54 2.83 -16.73	49.71 2.76 -15.11	53.00 2.88 -17.80	43.15 3.19 -3.69	118.16 7.02 -13.43	82.60 3.78 -23.42	64.44 3.46 -11.89	62.50 3.96 -5.24	61.78 3.39 -13.61
CANDIGU_WT_PWR 323617	29.99 -1.74 5.69	25.48 -1.81 6.98	33.81 -1.86 0.00	31.31 -1.81 0.00	25.94 -1.29 2.93	39.94 -1.23 0.00	55.33 -1.45 0.00	58.39 -1.54 4.88	40.85 -0.59 0.00	33.04 -0.71 0.00	36.01 -0.83 0.00	34.39 -0.86 0.00	34.94 -1.30 0.00	29.43 -1.48 0.00	32.74 -1.60 0.00	9.37 -2.49 25.11	30.22 -1.73 -0.11	30.50 -1.81 0.00	34.55 -1.71 0.00	92.76 -3.55 1.40	53.39 -2.01 0.00	47.23 -1.86 0.00	51.62 -1.67 0.00	40.66 -1.82 2.30
CARR STREET_E_SYR 24060	36.91 -0.51 0.00	33.77 -0.49 0.00	35.13 -0.53 0.00	32.62 -0.50 0.00	29.80 -0.36 0.00	40.73 -0.43 0.00	56.22 -0.56 0.00	64.32 -0.49 0.00	41.21 -0.24 0.00	33.61 -0.13 0.00	36.73 -0.10 0.00	35.05 -0.20 0.00	35.89 -0.35 0.00	30.66 -0.25 0.00	34.06 -0.28 0.00	36.68 -0.43 -0.13	31.52 -0.39 -0.06	31.83 -0.48 0.00	35.68 -0.59 0.00	96.31 -1.40 0.00	54.60 -0.79 0.00	48.40 -0.69 0.00	52.59 -0.70 0.00	44.16 -0.62 0.00
CARTHAGE___PAPER 23857	35.49 -1.93 0.00	32.70 -1.56 0.00	34.04 -1.63 0.00	31.78 -1.34 0.00	29.01 -1.15 0.00	39.97 -1.19 0.00	55.27 -1.51 0.00	62.79 -2.02 0.00	39.66 -1.79 0.00	31.96 -1.79 0.00	34.41 -2.43 0.00	32.82 -2.43 0.00	33.80 -2.44 0.00	28.92 -2.00 0.00	31.94 -2.41 0.00	34.31 -2.74 -0.07	29.50 -2.37 -0.03	30.16 -2.15 0.00	34.23 -2.03 0.00	94.11 -3.60 0.00	54.06 -1.33 0.00	47.68 -1.41 0.00	51.37 -1.93 0.00	43.03 -1.75 0.00
CASSADAGA_WT_PWR 323784	32.82 -0.77 3.83	28.57 -1.00 4.69	34.58 -1.09 0.00	32.09 -1.03 0.00	27.80 -0.39 1.97	40.99 -0.17 0.00	55.97 -0.81 0.00	61.18 -0.40 3.23	41.60 0.15 0.00	33.57 -0.17 0.00	36.64 -0.19 0.00	34.86 -0.39 0.00	35.65 -0.59 0.00	30.24 -0.67 0.00	33.58 -0.77 0.00	18.30 -1.75 16.93	30.38 -1.55 -0.09	30.68 -1.64 0.00	34.69 -1.58 0.00	93.76 -3.00 0.94	53.76 -1.63 0.00	47.39 -1.70 0.00	51.59 -1.70 0.00	41.39 -1.84 1.55
CE_DUNWOOD___DRP 24194	38.99 1.57 0.00	35.72 1.46 0.00	36.96 1.29 0.00	34.30 1.18 0.00	31.26 1.10 0.00	42.53 1.37 0.00	58.85 2.08 0.00	67.53 2.72 0.00	43.39 1.95 0.00	35.46 1.71 0.00	38.75 1.91 0.00	37.13 1.88 0.00	38.29 2.05 0.00	32.94 2.03 0.00	36.80 2.46 0.00	42.96 2.84 -3.15	35.03 2.62 -0.57	34.93 2.61 0.00	39.02 2.75 0.00	104.16 6.46 0.00	58.71 3.32 0.00	52.10 3.01 0.00	56.62 3.32 0.00	47.51 2.73 0.00
CE_MILLWOOD___DRP 24193	38.93 1.51 0.00	35.67 1.41 0.00	36.93 1.25 0.00	34.27 1.15 0.00	31.22 1.06 0.00	42.48 1.32 0.00	58.77 1.99 0.00	67.43 2.62 0.00	43.30 1.86 0.00	35.39 1.64 0.00	38.67 1.83 0.00	37.05 1.80 0.00	38.21 1.98 0.00	32.87 1.96 0.00	36.72 2.37 0.00	42.89 2.77 -3.15	34.95 2.54 -0.57	34.85 2.54 0.00	38.94 2.68 0.00	103.99 6.28 0.00	58.64 3.24 0.00	52.02 2.93 0.00	56.53 3.23 0.00	47.42 2.64 0.00
CE_NYC2_DRP 24202	39.06 1.64 0.00	35.78 1.52 0.00	36.98 1.31 0.00	34.35 1.23 0.00	31.33 1.17 0.00	42.52 1.36 0.00	58.82 2.05 0.00	67.69 2.88 0.00	43.63 2.19 0.00	35.71 1.96 0.00	39.03 2.19 0.00	37.35 2.09 0.00	38.53 2.29 0.00	33.20 2.29 0.00	37.02 2.67 0.00	43.22 3.11 -3.14	35.25 2.84 -0.57	35.11 2.80 0.00	39.17 2.91 0.00	104.41 6.70 0.00	58.85 3.46 0.00	52.20 3.10 0.00	56.74 3.45 0.00	47.68 2.90 0.00
CE_NYC_DRP 24195	39.08 1.67 0.00	35.80 1.53 0.00	37.00 1.33 0.00	34.35 1.23 0.00	31.33 1.17 0.00	42.57 1.41 0.00	58.95 2.17 0.00	67.82 3.01 0.00	43.68 2.24 0.00	35.75 2.01 0.00	39.08 2.24 0.00	37.43 2.18 0.00	38.58 2.35 0.00	33.22 2.31 0.00	37.10 2.76 0.00	43.28 3.16 -3.14	35.32 2.91 -0.57	35.20 2.89 0.00	39.29 3.02 0.00	104.76 7.05 0.00	59.02 3.63 0.00	52.35 3.26 0.00	56.91 3.62 0.00	47.79 3.01 0.00
CHAFFEE___LFGE 323603	31.86 -1.85 3.71	27.79 -1.93 4.54	33.72 -1.96 0.00	31.17 -1.95 0.00	27.03 -1.23 1.91	39.84 -1.32 0.00	54.40 -2.37 0.00	59.16 -2.54 3.11	40.18 -1.27 0.00	32.45 -1.30 0.00	35.41 -1.43 0.00	33.68 -1.57 0.00	34.48 -1.76 0.00	29.37 -1.54 0.00	32.67 -1.68 0.00	18.22 -2.37 16.38	29.70 -2.24 -0.09	29.92 -2.39 0.00	33.76 -2.51 0.00	90.52 -6.28 0.91	51.82 -3.58 0.00	45.75 -3.35 0.00	50.09 -3.20 0.00	40.25 -3.03 1.50
CHATEAUG_35_KV_LOAD 355732	37.31 -0.11 0.00	34.11 -0.15 0.00	35.65 -0.03 0.00	33.12 0.00 0.00	30.10 -0.06 0.00	41.14 -0.02 0.00	56.70 -0.08 0.00	64.76 -0.05 0.00	41.41 -0.04 0.00	33.53 -0.22 0.00	36.39 -0.45 0.00	34.70 -0.55 0.00	35.73 -0.51 0.00	30.55 -0.36 0.00	33.95 -0.40 0.00	36.48 -0.49 0.00	31.40 -0.45 0.00	31.90 -0.41 0.00	35.98 -0.29 0.00	97.55 -0.16 0.00	55.64 0.24 0.00	49.03 -0.06 0.00	52.94 -0.36 0.00	44.40 -0.38 0.00
CHATEAUG_WT_PWR 323614	37.26 -0.15 0.00	34.10 -0.16 0.00	35.61 -0.06 0.00	33.09 -0.03 0.00	30.08 -0.08 0.00	41.09 -0.07 0.00	56.63 -0.15 0.00	64.64 -0.17 0.00	41.35 -0.10 0.00	33.54 -0.21 0.00	36.43 -0.40 0.00	34.77 -0.47 0.00	35.79 -0.45 0.00	30.58 -0.33 0.00	34.03 -0.31 0.00	36.58 -0.40 0.00	31.46 -0.38 0.00	31.97 -0.34 0.00	36.05 -0.22 0.00	97.69 -0.02 0.00	55.65 0.25 0.00	49.04 -0.05 0.00	52.95 -0.35 0.00	44.43 -0.34 0.00
CHAT_HIGH_FALL_HYD 323578	37.31 -0.11 0.00	34.11 -0.15 0.00	35.65 -0.03 0.00	33.12 0.00 0.00	30.10 -0.06 0.00	41.14 -0.02 0.00	56.70 -0.08 0.00	64.76 -0.05 0.00	41.41 -0.04 0.00	33.53 -0.22 0.00	36.39 -0.45 0.00	34.70 -0.55 0.00	35.73 -0.51 0.00	30.55 -0.36 0.00	33.95 -0.40 0.00	36.48 -0.49 0.00	31.40 -0.45 0.00	31.90 -0.41 0.00	35.98 -0.29 0.00	97.55 -0.16 0.00	55.64 0.24 0.00	49.03 -0.06 0.00	52.94 -0.36 0.00	44.40 -0.38 0.00
CHAUTAUQUA___LFGE 323629	32.65 -1.07 3.70	28.45 -1.28 4.54	34.32 -1.35 0.00	31.78 -1.34 0.00	27.58 -0.68 1.90	40.64 -0.52 0.00	55.51 -1.27 0.00	60.51 -1.20 3.10	41.09 -0.36 0.00	33.13 -0.61 0.00	36.21 -0.63 0.00	34.46 -0.79 0.00	35.30 -0.93 0.00	29.95 -0.97 0.00	33.35 -1.00 0.00	18.67 -1.93 16.37	30.27 -1.66 -0.09	30.56 -1.75 0.00	34.51 -1.75 0.00	92.92 -3.88 0.91	53.14 -2.26 0.00	46.88 -2.22 0.00	51.15 -2.15 0.00	41.08 -2.19 1.50
CHERRYST_13_KV_LD 356241	39.19 1.77 0.00	35.88 1.62 0.00	37.08 1.41 0.00	34.44 1.31 0.00	31.41 1.25 0.00	42.68 1.52 0.00	59.11 2.33 0.00	68.02 3.22 0.00	43.83 2.39 0.00	35.88 2.13 0.00	39.21 2.38 0.00	37.56 2.30 0.00	38.71 2.48 0.00	33.33 2.41 0.00	37.23 2.88 0.00	43.40 3.28 -3.14	35.43 3.02 -0.57	35.32 3.01 0.00	39.40 3.14 0.00	105.05 7.34 0.00	59.17 3.78 0.00	52.48 3.39 0.00	57.06 3.76 0.00	47.89 3.12 0.00

CHESTROR_138KV_BK263 355645	38.65 1.23 0.00	35.40 1.14 0.00	36.69 1.02 0.00	34.04 0.92 0.00	31.00 0.84 0.00	42.21 1.05 0.00	58.36 1.58 0.00	66.87 2.06 0.00	42.87 1.42 0.00	35.00 1.25 0.00	38.24 1.40 0.00	36.69 1.44 0.00	37.83 1.60 0.00	32.54 1.63 0.00	36.36 2.02 0.00	42.57 2.32 -3.28	34.53 2.14 -0.55	34.49 2.18 0.00	38.61 2.34 0.00	103.37 5.55 -0.11	58.25 2.86 0.00	51.67 2.58 0.00	56.13 2.83 0.00	47.27 2.31 -0.18
CH_MIDHUDSON___DRP 24192	39.05 1.63 0.00	35.79 1.53 0.00	37.09 1.43 0.00	34.43 1.31 0.00	31.32 1.16 0.00	42.65 1.49 0.00	59.01 2.23 0.00	67.61 2.81 0.00	43.32 1.87 0.00	35.33 1.59 0.00	38.61 1.77 0.00	37.04 1.79 0.00	38.23 2.00 0.00	32.83 1.92 0.00	36.65 2.30 0.00	40.88 2.59 -1.31	34.82 2.40 -0.58	34.72 2.41 0.00	38.85 2.58 0.00	103.85 6.14 0.00	58.59 3.19 0.00	51.99 2.90 0.00	56.47 3.17 0.00	47.36 2.58 0.00
CH_MISC_IPPS 23765	39.34 1.93 0.00	36.05 1.79 0.00	37.36 1.69 0.00	34.66 1.54 0.00	31.56 1.40 0.00	43.00 1.84 0.00	59.52 2.74 0.00	68.17 3.36 0.00	43.65 2.21 0.00	35.57 1.82 0.00	38.85 2.02 0.00	37.31 2.06 0.00	38.55 2.31 0.00	33.08 2.17 0.00	36.92 2.58 0.00	41.13 2.85 -1.30	35.04 2.62 -0.57	34.92 2.62 0.00	39.09 2.82 0.00	104.54 6.83 0.00	58.99 3.60 0.00	52.34 3.25 0.00	56.82 3.53 0.00	47.63 2.85 0.00
CH_RES_BVR_FALLS 23983	37.26 -0.16 0.00	34.12 -0.14 0.00	35.56 -0.11 0.00	33.03 -0.09 0.00	30.06 -0.10 0.00	41.05 -0.11 0.00	56.61 -0.17 0.00	64.63 -0.18 0.00	41.34 -0.10 0.00	33.61 -0.14 0.00	36.63 -0.21 0.00	35.01 -0.24 0.00	36.04 -0.19 0.00	30.76 -0.15 0.00	34.18 -0.16 0.00	36.79 -0.19 0.00	31.66 -0.18 0.00	32.15 -0.16 0.00	36.14 -0.13 0.00	97.50 -0.21 0.00	55.34 -0.05 0.00	48.98 -0.11 0.00	53.10 -0.19 0.00	44.60 -0.18 0.00
CH_RES_NIAGARA 23895	31.64 -2.73 3.05	27.84 -2.69 3.74	32.95 -2.72 0.00	30.49 -2.63 0.00	26.81 -1.78 1.57	38.93 -2.23 0.00	52.67 -4.11 0.00	57.50 -4.79 2.52	38.68 -2.77 0.00	31.26 -2.49 0.00	34.18 -2.66 0.00	32.64 -2.61 0.00	33.50 -2.74 0.00	28.63 -2.28 0.00	31.84 -2.50 0.00	20.51 -2.97 13.50	28.92 -3.00 -0.08	29.08 -3.24 0.00	32.52 -3.74 0.00	86.97 -9.99 0.75	49.72 -5.67 0.00	43.89 -5.21 0.00	48.28 -5.02 0.00	39.33 -4.22 1.23
CH_RES_SYRACUSE 23985	36.55 -0.30 0.57	33.27 -0.30 0.69	35.35 -0.32 0.00	32.80 -0.32 0.00	29.67 -0.20 0.29	40.97 -0.19 0.00	56.59 -0.18 0.00	65.09 0.28 0.00	41.85 0.41 0.00	34.15 0.40 0.00	37.26 0.43 0.00	35.38 0.13 0.00	36.21 -0.02 0.00	30.93 0.01 0.00	34.36 0.01 0.00	33.44 -0.18 3.35	31.72 -0.18 -0.06	32.01 -0.30 0.00	35.88 -0.39 0.00	96.84 -0.73 0.14	54.99 -0.41 0.00	48.72 -0.37 0.00	52.93 -0.36 0.00	44.21 -0.34 0.22
CLINTON_WT_PWR 323605	37.26 -0.15 0.00	34.10 -0.16 0.00	35.61 -0.06 0.00	33.09 -0.03 0.00	30.08 -0.08 0.00	41.09 -0.07 0.00	56.63 -0.15 0.00	64.64 -0.17 0.00	41.35 -0.10 0.00	33.54 -0.21 0.00	36.43 -0.40 0.00	34.77 -0.47 0.00	35.79 -0.45 0.00	30.58 -0.33 0.00	34.03 -0.31 0.00	36.58 -0.40 0.00	31.46 -0.38 0.00	31.97 -0.34 0.00	36.05 -0.22 0.00	97.69 -0.02 0.00	55.65 0.25 0.00	49.04 -0.05 0.00	52.95 -0.35 0.00	44.43 -0.34 0.00
CLINTON___LFGE 323618	37.70 0.29 0.00	34.48 0.22 0.00	36.00 0.33 0.00	33.47 0.34 0.00	30.44 0.28 0.00	41.56 0.41 0.00	57.29 0.51 0.00	65.56 0.75 0.00	41.93 0.48 0.00	33.94 0.20 0.00	36.85 0.01 0.00	35.22 -0.03 0.00	36.22 -0.02 0.00	30.91 0.00 0.00	34.48 0.14 0.00	37.02 0.05 0.00	31.83 -0.01 0.00	32.36 0.05 0.00	36.43 0.16 0.00	99.01 1.30 0.00	56.51 1.11 0.00	49.73 0.64 0.00	53.72 0.43 0.00	45.06 0.29 0.00
COBBLENY_34_KV_TB1 80064	31.86 -1.85 3.71	27.79 -1.93 4.54	33.71 -1.96 0.00	31.17 -1.95 0.00	27.03 -1.22 1.91	39.84 -1.32 0.00	54.40 -2.38 0.00	59.17 -2.53 3.11	40.18 -1.27 0.00	32.45 -1.30 0.00	35.41 -1.43 0.00	33.68 -1.57 0.00	34.47 -1.76 0.00	29.37 -1.55 0.00	32.67 -1.67 0.00	18.33 -2.26 16.38	29.70 -2.24 -0.09	29.92 -2.39 0.00	33.75 -2.52 0.00	90.52 -6.28 0.91	51.81 -3.59 0.00	45.75 -3.34 0.00	50.08 -3.21 0.00	40.26 -3.02 1.50
COFFEEN___115KV_TB3 355620	35.52 -1.90 0.00	32.75 -1.52 0.00	34.06 -1.61 0.00	31.79 -1.33 0.00	29.06 -1.10 0.00	40.05 -1.11 0.00	55.39 -1.39 0.00	62.85 -1.96 0.00	39.58 -1.86 0.00	31.91 -1.84 0.00	34.37 -2.47 0.00	32.67 -2.58 0.00	33.68 -2.56 0.00	28.80 -2.11 0.00	31.79 -2.55 0.00	34.18 -2.87 -0.08	29.38 -2.50 -0.04	30.04 -2.27 0.00	34.09 -2.18 0.00	94.09 -3.62 0.00	54.11 -1.28 0.00	47.77 -1.32 0.00	51.40 -1.89 0.00	43.04 -1.74 0.00
COLDSPRG_115KV_BK1 355956	32.86 -0.53 4.03	28.53 -0.79 4.94	34.79 -0.88 0.00	32.19 -0.93 0.00	27.76 -0.33 2.07	41.12 -0.04 0.00	56.41 -0.37 0.00	61.37 0.00 3.44	41.83 0.38 0.00	33.86 0.11 0.00	36.92 0.08 0.00	35.15 -0.10 0.00	35.91 -0.33 0.00	30.49 -0.42 0.00	33.94 -0.40 0.00	18.01 -1.15 17.81	30.78 -1.15 -0.09	31.08 -1.23 0.00	35.12 -1.15 0.00	94.59 -2.13 0.99	54.05 -1.34 0.00	47.66 -1.44 0.00	51.95 -1.35 0.00	41.64 -1.51 1.63
COLONIE_LFGE___ 323577	38.74 1.32 0.00	35.49 1.23 0.00	36.91 1.24 0.00	34.28 1.16 0.00	31.17 1.01 0.00	42.40 1.25 0.00	58.56 1.78 0.00	66.83 2.02 0.00	42.56 1.12 0.00	34.63 0.88 0.00	37.83 0.99 0.00	36.44 1.19 0.00	37.41 1.18 0.00	31.93 1.02 0.00	35.52 1.17 0.00	39.92 1.46 -1.50	33.77 1.27 -0.66	33.65 1.34 0.00	37.74 1.48 0.00	101.24 3.53 0.00	57.22 1.82 0.00	50.91 1.82 0.00	55.34 2.04 0.00	46.51 1.74 0.00
COOPERNY_115KV_TB1 80082	38.86 0.95 -0.48	35.76 0.91 -0.59	36.48 0.81 0.00	33.85 0.73 0.00	31.08 0.67 -0.25	42.00 0.84 0.00	58.02 1.24 0.00	66.40 1.59 0.00	42.55 1.10 0.00	34.74 1.00 0.00	37.95 1.11 0.00	36.39 1.13 0.00	37.49 1.25 0.00	32.30 1.39 0.00	36.09 1.74 0.00	42.86 2.04 -3.85	34.19 1.87 -0.48	34.21 1.90 0.00	38.34 2.07 0.00	102.74 4.88 -0.15	57.93 2.53 0.00	51.37 2.28 0.00	55.83 2.53 0.00	47.08 2.06 -0.24
COPENHAGEN_WT_PWR 323753	35.23 -2.19 0.00	32.53 -1.74 0.00	33.84 -1.83 0.00	31.62 -1.50 0.00	28.88 -1.28 0.00	39.84 -1.32 0.00	55.11 -1.67 0.00	62.66 -2.15 0.00	39.60 -1.85 0.00	31.91 -1.83 0.00	34.33 -2.51 0.00	32.56 -2.69 0.00	33.63 -2.61 0.00	28.76 -2.16 0.00	31.74 -2.60 0.00	34.14 -2.92 -0.08	29.31 -2.57 -0.04	30.03 -2.28 0.00	34.04 -2.23 0.00	93.66 -4.05 0.00	53.78 -1.62 0.00	47.42 -1.67 0.00	51.07 -2.23 0.00	42.81 -1.97 0.00
CORNELL_____ 23752	36.21 0.49 1.70	32.54 0.37 2.09	36.03 0.36 0.00	33.46 0.33 0.00	29.71 0.42 0.87	41.92 0.76 0.00	58.07 1.29 0.00	74.10 1.68 -7.60	42.55 1.11 0.00	34.84 1.09 0.00	37.96 1.13 0.00	36.03 0.79 0.00	36.63 0.39 0.00	31.20 0.28 0.00	34.67 0.33 0.00	29.80 0.05 7.22	31.97 -0.01 -0.14	32.41 0.10 0.00	36.57 0.31 0.00	99.12 1.82 0.41	56.55 1.16 0.00	50.09 1.00 0.00	54.39 1.10 0.00	44.87 0.77 0.68

CORONA V_69_KV_TB1 355595	39.56 2.14 0.00	36.16 1.90 0.00	37.42 1.74 0.00	34.74 1.62 0.00	31.68 1.52 0.00	51.21 1.97 -8.07	68.59 2.79 -9.03	70.03 3.37 -1.85	43.88 2.43 0.00	35.77 2.03 0.00	39.04 2.21 0.00	37.39 2.14 0.00	38.64 2.40 0.00	33.21 2.30 0.00	49.91 2.82 -12.75	71.33 3.26 -31.10	65.33 3.02 -30.47	71.92 3.00 -36.61	47.02 3.17 -7.58	132.55 7.24 -27.61	107.43 3.87 -48.16	77.10 3.56 -24.44	68.07 4.01 -10.76	76.12 3.36 -27.98
CORTLAND_115KV_TB3 80093	37.70 0.29 0.00	34.49 0.23 0.00	35.88 0.20 0.00	33.30 0.18 0.00	30.40 0.23 0.00	41.60 0.44 0.00	57.53 0.75 0.00	67.94 0.97 -2.16	42.05 0.60 0.00	34.36 0.61 0.00	37.51 0.67 0.00	35.76 0.51 0.00	36.51 0.27 0.00	31.13 0.22 0.00	34.64 0.30 0.00	37.39 0.15 -0.27	32.06 0.10 -0.12	32.41 0.10 0.00	36.48 0.21 0.00	98.82 1.11 0.00	56.07 0.67 0.00	49.70 0.61 0.00	53.97 0.67 0.00	45.24 0.47 0.00
COXSACKIE__GT 23611	39.56 2.14 0.00	36.21 1.94 0.00	37.68 2.01 0.00	34.99 1.87 0.00	31.84 1.68 0.00	43.28 2.12 0.00	59.86 3.08 0.00	68.32 3.51 0.00	43.11 1.66 0.00	34.77 1.02 0.00	37.91 1.07 0.00	36.69 1.45 0.00	38.14 1.91 0.00	32.51 1.60 0.00	35.95 1.61 0.00	39.96 1.55 -1.43	34.25 1.78 -0.63	34.01 1.70 0.00	38.27 2.00 0.00	103.66 5.95 0.00	58.95 3.56 0.00	52.36 3.27 0.00	56.77 3.48 0.00	47.64 2.87 0.00
CPV_VALLEY__CC1 323721	38.40 0.98 0.00	35.18 0.92 0.00	36.46 0.79 0.00	33.83 0.71 0.00	30.81 0.65 0.00	41.96 0.80 0.00	57.96 1.18 0.00	66.42 1.61 0.00	42.59 1.14 0.00	34.79 1.05 0.00	38.01 1.17 0.00	36.44 1.19 0.00	37.57 1.34 0.00	32.34 1.42 0.00	36.12 1.78 0.00	42.45 2.09 -3.38	34.30 1.94 -0.53	34.26 1.95 0.00	38.34 2.08 0.00	102.61 4.78 -0.12	57.82 2.43 0.00	51.29 2.20 0.00	55.72 2.42 0.00	46.96 1.99 -0.19
CPV_VALLEY__CC2 323722	38.40 0.98 0.00	35.18 0.92 0.00	36.46 0.79 0.00	33.83 0.71 0.00	30.81 0.65 0.00	41.96 0.80 0.00	57.96 1.18 0.00	66.42 1.61 0.00	42.59 1.14 0.00	34.79 1.05 0.00	38.01 1.17 0.00	36.44 1.19 0.00	37.57 1.34 0.00	32.34 1.42 0.00	36.12 1.78 0.00	42.45 2.09 -3.38	34.30 1.94 -0.53	34.26 1.95 0.00	38.34 2.08 0.00	102.61 4.78 -0.12	57.82 2.43 0.00	51.29 2.20 0.00	55.72 2.42 0.00	46.96 1.99 -0.19
CRESCENT__HYD 24018	38.74 1.32 0.00	35.49 1.23 0.00	36.91 1.24 0.00	34.28 1.16 0.00	31.17 1.01 0.00	42.40 1.25 0.00	58.56 1.78 0.00	66.83 2.02 0.00	42.56 1.12 0.00	34.63 0.88 0.00	37.83 0.99 0.00	36.44 1.19 0.00	37.41 1.18 0.00	31.93 1.02 0.00	35.52 1.17 0.00	39.92 1.46 -1.50	33.77 1.27 -0.66	33.65 1.34 0.00	37.74 1.48 0.00	101.24 3.53 0.00	57.22 1.82 0.00	50.91 1.82 0.00	55.34 2.04 0.00	46.51 1.74 0.00
CRICKET__VALLEY_CC1 323756	38.63 1.21 0.00	35.50 1.24 0.00	36.80 1.13 0.00	34.14 1.02 0.00	31.02 0.86 0.00	42.18 1.02 0.00	58.35 1.58 0.00	66.88 2.07 0.00	42.86 1.42 0.00	35.00 1.25 0.00	38.27 1.43 0.00	36.70 1.45 0.00	37.80 1.56 0.00	32.52 1.60 0.00	36.25 1.91 0.00	40.58 2.28 -1.33	34.62 2.19 -0.59	34.48 2.17 0.00	38.55 2.28 0.00	102.85 5.14 0.00	58.02 2.63 0.00	51.52 2.43 0.00	55.92 2.62 0.00	46.92 2.14 0.00
CRICKET__VALLEY_CC2 323757	38.63 1.21 0.00	35.50 1.24 0.00	36.80 1.13 0.00	34.14 1.02 0.00	31.02 0.86 0.00	42.18 1.02 0.00	58.35 1.58 0.00	66.88 2.07 0.00	42.86 1.42 0.00	35.00 1.25 0.00	38.27 1.43 0.00	36.70 1.45 0.00	37.80 1.56 0.00	32.52 1.60 0.00	36.25 1.91 0.00	40.58 2.28 -1.33	34.62 2.19 -0.59	34.48 2.17 0.00	38.55 2.28 0.00	102.85 5.14 0.00	58.02 2.63 0.00	51.52 2.43 0.00	55.92 2.62 0.00	46.92 2.14 0.00
CRICKET__VALLEY_CC3 323758	38.63 1.21 0.00	35.50 1.24 0.00	36.80 1.13 0.00	34.14 1.02 0.00	31.02 0.86 0.00	42.18 1.02 0.00	58.35 1.58 0.00	66.88 2.07 0.00	42.86 1.42 0.00	35.00 1.25 0.00	38.27 1.43 0.00	36.70 1.45 0.00	37.80 1.56 0.00	32.52 1.60 0.00	36.25 1.91 0.00	40.58 2.28 -1.33	34.62 2.19 -0.59	34.48 2.17 0.00	38.55 2.28 0.00	102.85 5.14 0.00	58.02 2.63 0.00	51.52 2.43 0.00	55.92 2.62 0.00	46.92 2.14 0.00
CRUCIBLE_METL_DRP 24180	36.55 -0.30 0.57	33.27 -0.30 0.69	35.35 -0.32 0.00	32.80 -0.32 0.00	29.67 -0.20 0.29	40.97 -0.19 0.00	56.59 -0.18 0.00	65.10 0.28 0.00	41.85 0.41 0.00	34.14 0.40 0.00	37.26 0.43 0.00	35.38 0.13 0.00	36.21 -0.02 0.00	30.92 0.01 0.00	34.36 0.01 0.00	33.46 -0.16 3.35	31.72 -0.18 -0.06	32.01 -0.30 0.00	35.88 -0.39 0.00	96.84 -0.73 0.14	54.98 -0.41 0.00	48.72 -0.37 0.00	52.93 -0.37 0.00	44.21 -0.34 0.22
DAHOWA__HYDRO 323763	39.27 1.85 0.00	35.97 1.71 0.00	37.41 1.74 0.00	34.74 1.62 0.00	31.55 1.39 0.00	42.98 1.82 0.00	59.64 2.86 0.00	67.87 3.07 0.00	42.95 1.51 0.00	34.72 0.97 0.00	37.85 1.01 0.00	36.68 1.43 0.00	37.58 1.34 0.00	32.05 1.14 0.00	35.57 1.23 0.00	40.06 1.58 -1.51	33.97 1.46 -0.67	33.90 1.59 0.00	38.14 1.87 0.00	102.88 5.17 0.00	58.09 2.70 0.00	51.73 2.63 0.00	56.13 2.83 0.00	47.06 2.28 0.00
DANC__LFGE 323619	35.79 -1.63 0.00	32.93 -1.33 0.00	34.25 -1.42 0.00	31.92 -1.20 0.00	29.15 -1.01 0.00	40.04 -1.12 0.00	55.27 -1.51 0.00	62.94 -1.87 0.00	39.98 -1.47 0.00	32.40 -1.35 0.00	35.13 -1.71 0.00	33.44 -1.81 0.00	34.40 -1.83 0.00	29.39 -1.52 0.00	32.54 -1.81 0.00	34.99 -2.08 -0.09	30.07 -1.82 -0.04	30.63 -1.68 0.00	34.50 -1.77 0.00	94.14 -3.57 0.00	53.80 -1.59 0.00	47.55 -1.54 0.00	51.45 -1.85 0.00	43.20 -1.58 0.00
DANSKAMMER__1 23586	39.34 1.93 0.00	36.05 1.79 0.00	37.36 1.69 0.00	34.66 1.54 0.00	31.56 1.40 0.00	43.00 1.84 0.00	59.52 2.74 0.00	68.17 3.36 0.00	43.65 2.21 0.00	35.57 1.82 0.00	38.85 2.02 0.00	37.31 2.06 0.00	38.55 2.31 0.00	33.08 2.17 0.00	36.92 2.58 0.00	41.13 2.85 -1.30	35.04 2.62 -0.57	34.92 2.62 0.00	39.09 2.82 0.00	104.54 6.83 0.00	58.99 3.60 0.00	52.34 3.25 0.00	56.82 3.53 0.00	47.63 2.85 0.00
DANSKAMMER__2 23589	39.34 1.93 0.00	36.05 1.79 0.00	37.36 1.69 0.00	34.66 1.54 0.00	31.56 1.40 0.00	43.00 1.84 0.00	59.52 2.74 0.00	68.17 3.36 0.00	43.65 2.21 0.00	35.57 1.82 0.00	38.85 2.02 0.00	37.31 2.06 0.00	38.55 2.31 0.00	33.08 2.17 0.00	36.92 2.58 0.00	41.13 2.85 -1.30	35.04 2.62 -0.57	34.92 2.62 0.00	39.09 2.82 0.00	104.54 6.83 0.00	58.99 3.60 0.00	52.34 3.25 0.00	56.82 3.53 0.00	47.63 2.85 0.00
DANSKAMMER__3 23590	39.34 1.93 0.00	36.05 1.79 0.00	37.36 1.69 0.00	34.66 1.54 0.00	31.56 1.40 0.00	43.00 1.84 0.00	59.52 2.74 0.00	68.17 3.36 0.00	43.65 2.21 0.00	35.57 1.82 0.00	38.85 2.02 0.00	37.31 2.06 0.00	38.55 2.31 0.00	33.08 2.17 0.00	36.92 2.58 0.00	41.13 2.85 -1.30	35.04 2.62 -0.57	34.92 2.62 0.00	39.09 2.82 0.00	104.54 6.83 0.00	58.99 3.60 0.00	52.34 3.25 0.00	56.82 3.53 0.00	47.63 2.85 0.00

DANSKAMMER___4 23591	39.34 1.93 0.00	36.05 1.79 0.00	37.36 1.69 0.00	34.66 1.54 0.00	31.56 1.40 0.00	43.00 1.84 0.00	59.52 2.74 0.00	68.17 3.36 0.00	43.65 2.21 0.00	35.57 1.82 0.00	38.85 2.02 0.00	37.31 2.06 0.00	38.55 2.31 0.00	33.08 2.17 0.00	36.92 2.58 0.00	41.13 2.85 -1.30	35.04 2.62 -0.57	34.92 2.62 0.00	39.09 2.82 0.00	104.54 6.83 0.00	58.99 3.60 0.00	52.34 3.25 0.00	56.82 3.53 0.00	47.63 2.85 0.00
DANSKAMMER___DIESEL 23592	39.35 1.93 0.00	36.05 1.79 0.00	37.36 1.69 0.00	34.66 1.54 0.00	31.56 1.40 0.00	43.00 1.84 0.00	59.52 2.74 0.00	68.16 3.35 0.00	43.65 2.21 0.00	35.57 1.82 0.00	38.85 2.02 0.00	37.32 2.06 0.00	38.54 2.31 0.00	33.08 2.17 0.00	36.93 2.58 0.00	41.12 2.84 -1.30	35.04 2.62 -0.57	34.92 2.61 0.00	39.09 2.83 0.00	104.54 6.83 0.00	58.99 3.59 0.00	52.34 3.24 0.00	56.83 3.53 0.00	47.63 2.85 0.00
DARBY___SOLAR 323810	39.18 1.76 0.00	35.89 1.63 0.00	37.33 1.66 0.00	34.67 1.55 0.00	31.47 1.31 0.00	42.86 1.70 0.00	59.41 2.63 0.00	67.62 2.81 0.00	42.85 1.40 0.00	34.67 0.92 0.00	37.80 0.96 0.00	36.61 1.36 0.00	37.50 1.26 0.00	32.00 1.09 0.00	35.51 1.17 0.00	39.99 1.51 -1.51	33.90 1.39 -0.67	33.85 1.54 0.00	38.04 1.77 0.00	102.52 4.81 0.00	57.91 2.51 0.00	51.52 2.43 0.00	55.95 2.65 0.00	46.95 2.17 0.00
DASHVILLE___HYD 23610	39.00 1.58 0.00	35.73 1.47 0.00	37.06 1.39 0.00	34.38 1.26 0.00	31.26 1.10 0.00	42.64 1.47 0.00	58.97 2.19 0.00	67.59 2.78 0.00	43.28 1.83 0.00	35.30 1.55 0.00	38.57 1.73 0.00	36.98 1.73 0.00	38.22 1.98 0.00	32.74 1.83 0.00	36.61 2.26 0.00	40.77 2.48 -1.32	34.69 2.27 -0.58	34.60 2.29 0.00	38.72 2.45 0.00	103.56 5.86 0.00	58.47 3.08 0.00	51.90 2.81 0.00	56.40 3.10 0.00	47.29 2.51 0.00
DELAWARE___LFGE 323621	39.52 0.90 -1.20	36.53 0.80 -1.47	36.49 0.81 0.00	33.84 0.71 0.00	31.36 0.59 -0.62	42.25 1.09 0.00	61.00 4.22 0.00	70.33 4.45 -1.07	43.87 2.42 0.00	35.87 2.12 0.00	39.24 2.40 0.00	37.53 2.28 0.00	38.20 1.97 0.00	32.02 1.11 0.00	35.39 1.05 0.00	44.47 1.18 -6.32	33.18 1.06 -0.28	33.39 1.08 0.00	37.59 1.32 0.00	101.47 3.45 -0.31	57.20 1.81 0.00	50.73 1.64 0.00	55.14 1.85 0.00	46.75 1.47 -0.51
DERFIELD_115KV_TB7 355931	37.50 0.08 0.00	34.36 0.10 0.00	35.76 0.09 0.00	33.20 0.08 0.00	30.23 0.06 0.00	41.24 0.08 0.00	56.91 0.13 0.00	64.94 0.13 0.00	41.49 0.04 0.00	33.78 0.03 0.00	36.89 0.06 0.00	35.35 0.10 0.00	36.31 0.07 0.00	30.98 0.07 0.00	34.46 0.12 0.00	37.12 0.15 0.00	31.97 0.13 0.00	32.46 0.15 0.00	36.43 0.17 0.00	98.09 0.38 0.00	55.57 0.17 0.00	49.29 0.20 0.00	53.56 0.27 0.00	45.00 0.23 0.00
DOGLEVILLE___HYD 23807	38.59 1.17 0.00	35.29 1.03 0.00	36.55 0.88 0.00	33.98 0.86 0.00	30.88 0.72 0.00	42.07 0.91 0.00	58.36 1.59 0.00	65.17 0.36 0.00	40.67 -0.78 0.00	32.74 -1.01 0.00	36.07 -0.77 0.00	35.38 0.13 0.00	35.97 -0.27 0.00	30.19 -0.72 0.00	34.34 -0.01 0.00	36.44 -0.54 0.00	31.78 -0.06 0.00	32.79 0.48 0.00	36.95 0.68 0.00	101.07 3.36 0.00	57.22 1.83 0.00	51.05 1.96 0.00	55.97 2.68 0.00	46.98 2.21 0.00
DUNKIRK__115KV_TB_200 55889	32.59 -1.14 3.69	28.42 -1.32 4.52	34.27 -1.40 0.00	31.74 -1.38 0.00	27.52 -0.74 1.90	40.56 -0.60 0.00	55.43 -1.35 0.00	60.41 -1.31 3.09	41.00 -0.44 0.00	33.07 -0.67 0.00	36.14 -0.69 0.00	34.41 -0.85 0.00	35.25 -0.99 0.00	29.90 -1.01 0.00	33.32 -1.02 0.00	18.84 -1.82 16.32	30.26 -1.67 -0.09	30.55 -1.76 0.00	34.49 -1.78 0.00	92.83 -3.98 0.91	53.03 -2.36 0.00	46.80 -2.29 0.00	51.08 -2.22 0.00	41.06 -2.22 1.49
DUNKIRK___1 23563	32.59 -1.14 3.69	28.42 -1.32 4.52	34.27 -1.40 0.00	31.74 -1.38 0.00	27.52 -0.74 1.90	40.56 -0.60 0.00	55.43 -1.35 0.00	60.41 -1.31 3.09	41.00 -0.44 0.00	33.07 -0.67 0.00	36.14 -0.69 0.00	34.41 -0.85 0.00	35.25 -0.99 0.00	29.90 -1.01 0.00	33.32 -1.02 0.00	18.84 -1.82 16.32	30.26 -1.67 -0.09	30.55 -1.76 0.00	34.49 -1.78 0.00	92.83 -3.98 0.91	53.03 -2.36 0.00	46.80 -2.29 0.00	51.08 -2.22 0.00	41.06 -2.22 1.49
DUNKIRK___2 23564	32.59 -1.14 3.69	28.42 -1.32 4.52	34.27 -1.40 0.00	31.74 -1.38 0.00	27.52 -0.74 1.90	40.56 -0.60 0.00	55.43 -1.35 0.00	60.41 -1.31 3.09	41.00 -0.44 0.00	33.07 -0.67 0.00	36.14 -0.69 0.00	34.41 -0.85 0.00	35.25 -0.99 0.00	29.90 -1.01 0.00	33.32 -1.02 0.00	18.84 -1.82 16.32	30.26 -1.67 -0.09	30.55 -1.76 0.00	34.49 -1.78 0.00	92.83 -3.98 0.91	53.03 -2.36 0.00	46.80 -2.29 0.00	51.08 -2.22 0.00	41.06 -2.22 1.49
DUNKIRK___3 23565	32.38 -1.38 3.66	28.25 -1.52 4.49	34.08 -1.59 0.00	31.53 -1.59 0.00	27.35 -0.93 1.88	40.28 -0.88 0.00	55.05 -1.73 0.00	59.97 -1.80 3.05	40.67 -0.78 0.00	32.84 -0.90 0.00	35.89 -0.95 0.00	34.18 -1.07 0.00	35.01 -1.22 0.00	29.73 -1.18 0.00	33.14 -1.21 0.00	18.84 -1.94 16.20	30.12 -1.82 -0.09	30.39 -1.92 0.00	34.29 -1.98 0.00	92.14 -4.66 0.90	52.64 -2.75 0.00	46.46 -2.63 0.00	50.77 -2.53 0.00	40.83 -2.47 1.48
DUNKIRK___4 23566	32.38 -1.38 3.66	28.25 -1.52 4.49	34.08 -1.59 0.00	31.53 -1.59 0.00	27.35 -0.93 1.88	40.28 -0.88 0.00	55.05 -1.73 0.00	59.97 -1.80 3.05	40.67 -0.78 0.00	32.84 -0.90 0.00	35.89 -0.95 0.00	34.18 -1.07 0.00	35.01 -1.22 0.00	29.73 -1.18 0.00	33.14 -1.21 0.00	18.84 -1.94 16.20	30.12 -1.82 -0.09	30.39 -1.92 0.00	34.29 -1.98 0.00	92.14 -4.66 0.90	52.64 -2.75 0.00	46.46 -2.63 0.00	50.77 -2.53 0.00	40.83 -2.47 1.48
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.09 1.67 0.00	35.81 1.54 0.00	37.06 1.38 0.00	34.40 1.28 0.00	31.35 1.19 0.00	42.63 1.47 0.00	58.98 2.20 0.00	67.69 2.88 0.00	43.48 2.04 0.00	35.55 1.80 0.00	38.84 2.01 0.00	37.22 1.97 0.00	38.37 2.14 0.00	33.03 2.11 0.00	36.90 2.55 0.00	43.06 2.95 -3.14	35.12 2.71 -0.57	35.02 2.71 0.00	39.12 2.86 0.00	104.36 6.65 0.00	58.82 3.42 0.00	52.19 3.10 0.00	56.73 3.44 0.00	47.62 2.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.41 1.99 0.00	36.10 1.84 0.00	37.42 1.75 0.00	34.71 1.60 0.00	31.60 1.44 0.00	43.07 1.91 0.00	59.62 2.84 0.00	68.27 3.46 0.00	43.66 2.22 0.00	35.54 1.80 0.00	38.82 1.98 0.00	37.27 2.02 0.00	38.54 2.30 0.00	33.03 2.12 0.00	36.92 2.57 0.00	41.06 2.80 -1.28	34.93 2.52 -0.57	34.79 2.48 0.00	38.92 2.65 0.00	104.24 6.43 -0.10	58.79 3.39 0.00	52.15 3.06 0.00	56.62 3.33 0.00	47.65 2.71 -0.17
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.08 1.66 0.00	35.80 1.54 0.00	36.98 1.31 0.00	34.36 1.24 0.00	31.30 1.14 0.00	42.46 1.30 0.00	58.74 1.96 0.00	67.66 2.85 0.00	43.61 2.17 0.00	35.70 1.95 0.00	38.98 2.15 0.00	37.24 1.99 0.00	38.47 2.24 0.00	33.16 2.25 0.00	36.89 2.55 0.00	43.12 3.00 -3.14	35.18 2.76 -0.57	34.99 2.68 0.00	39.04 2.76 0.00	104.07 6.36 0.00	58.66 3.27 0.00	52.06 2.97 0.00	56.62 3.33 0.00	47.62 2.85 0.00

E179THST_13_KV_LOAD 356214	39.22 1.80 0.00	35.91 1.65 0.00	37.10 1.43 0.00	34.46 1.34 0.00	31.39 1.23 0.00	42.59 1.43 0.00	58.95 2.17 0.00	67.93 3.12 0.00	43.79 2.35 0.00	35.84 2.10 0.00	39.16 2.32 0.00	37.41 2.16 0.00	38.64 2.40 0.00	33.31 2.40 0.00	37.05 2.70 0.00	43.30 3.18 -3.14	35.31 2.90 -0.57	35.14 2.83 0.00	39.20 2.93 0.00	104.50 6.79 0.00	58.90 3.51 0.00	52.28 3.19 0.00	56.84 3.55 0.00	47.80 3.02 0.00
EAST HAMPTON___GT 23717	38.66 1.24 0.00	35.21 0.95 0.00	36.60 0.93 0.00	34.29 1.17 0.00	31.40 1.24 0.00	46.77 1.68 -3.93	65.03 3.86 -4.39	70.03 4.32 -0.90	44.79 3.34 0.00	36.04 2.29 0.00	39.47 2.63 0.00	37.33 2.08 0.00	38.09 1.85 0.00	32.23 1.32 0.00	42.34 1.79 -6.20	55.77 2.06 -16.74	49.07 2.12 -15.11	52.46 2.35 -17.81	42.77 2.81 -3.69	116.75 5.61 -13.43	81.82 2.99 -23.43	63.61 2.63 -11.89	61.46 2.93 -5.24	61.38 3.00 -13.61
EAST RIVER___6 23660	39.12 1.71 0.00	35.82 1.56 0.00	37.03 1.36 0.00	34.38 1.26 0.00	31.36 1.20 0.00	42.62 1.46 0.00	59.02 2.24 0.00	67.94 3.13 0.00	43.77 2.32 0.00	35.84 2.09 0.00	39.16 2.32 0.00	37.50 2.25 0.00	38.67 2.43 0.00	33.29 2.38 0.00	37.18 2.84 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.27 2.97 0.00	39.37 3.10 0.00	104.96 7.25 0.00	59.13 3.74 0.00	52.43 3.34 0.00	56.99 3.69 0.00	47.87 3.09 0.00
EAST RIVER___7 23524	39.12 1.71 0.00	35.82 1.56 0.00	37.03 1.36 0.00	34.38 1.26 0.00	31.36 1.20 0.00	42.62 1.46 0.00	59.02 2.24 0.00	67.94 3.13 0.00	43.77 2.32 0.00	35.84 2.09 0.00	39.16 2.32 0.00	37.50 2.25 0.00	38.67 2.43 0.00	33.29 2.38 0.00	37.18 2.84 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.27 2.97 0.00	39.37 3.10 0.00	104.96 7.25 0.00	59.13 3.74 0.00	52.43 3.34 0.00	56.99 3.69 0.00	47.87 3.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.99 1.57 0.00	35.72 1.46 0.00	36.96 1.29 0.00	34.30 1.18 0.00	31.26 1.10 0.00	42.53 1.37 0.00	58.85 2.08 0.00	67.53 2.72 0.00	43.39 1.95 0.00	35.46 1.71 0.00	38.75 1.91 0.00	37.13 1.88 0.00	38.29 2.05 0.00	32.94 2.03 0.00	36.80 2.46 0.00	42.96 2.84 -3.15	35.03 2.62 -0.57	34.93 2.61 0.00	39.02 2.75 0.00	104.16 6.46 0.00	58.71 3.32 0.00	52.10 3.01 0.00	56.62 3.32 0.00	47.51 2.73 0.00
EAST_HAMPTON___DIESEL 23722	38.58 1.17 0.00	35.14 0.88 0.00	36.53 0.86 0.00	34.24 1.12 0.00	31.35 1.20 0.00	46.70 1.62 -3.93	64.99 3.82 -4.39	69.98 4.27 -0.90	44.78 3.33 0.00	36.02 2.28 0.00	39.47 2.63 0.00	37.32 2.07 0.00	38.06 1.82 0.00	32.18 1.27 0.00	42.27 1.72 -6.20	55.70 1.99 -16.74	49.01 2.06 -15.11	52.40 2.28 -17.81	42.71 2.76 -3.69	116.56 5.42 -13.43	81.72 2.90 -23.43	63.51 2.53 -11.89	61.35 2.82 -5.24	61.32 2.93 -13.61
EAST_POINT___SOLAR 323840	39.37 1.95 0.00	35.99 1.72 0.00	37.45 1.78 0.00	34.74 1.62 0.00	31.67 1.51 0.00	43.61 2.45 0.00	60.78 4.00 0.00	66.72 1.91 0.00	41.22 -0.23 0.00	33.38 -0.37 0.00	37.12 0.28 0.00	35.99 0.74 0.00	36.16 -0.07 0.00	30.26 -0.65 0.00	34.28 -0.07 0.00	38.21 -0.40 -1.64	32.24 -0.33 -0.72	32.14 -0.17 0.00	36.44 0.17 0.00	102.21 4.50 0.00	58.82 3.42 0.00	52.15 3.06 0.00	56.76 3.46 0.00	47.51 2.74 0.00
EAST_PULASKI___ESR 323781	36.37 -1.05 0.00	33.37 -0.89 0.00	34.70 -0.97 0.00	32.25 -0.87 0.00	29.44 -0.72 0.00	40.29 -0.87 0.00	55.53 -1.25 0.00	63.33 -1.48 0.00	40.42 -1.03 0.00	32.93 -0.82 0.00	35.93 -0.90 0.00	34.29 -0.96 0.00	35.17 -1.07 0.00	30.02 -0.89 0.00	33.33 -1.02 0.00	35.85 -1.22 -0.10	30.83 -1.05 -0.04	31.28 -1.03 0.00	35.02 -1.25 0.00	94.81 -2.90 0.00	53.97 -1.43 0.00	47.82 -1.28 0.00	51.93 -1.36 0.00	43.66 -1.12 0.00
EAST_RIVER___1 323558	39.08 1.66 0.00	35.80 1.53 0.00	37.00 1.33 0.00	34.35 1.23 0.00	31.33 1.17 0.00	42.57 1.41 0.00	58.95 2.17 0.00	67.82 3.01 0.00	43.68 2.24 0.00	35.75 2.01 0.00	39.08 2.24 0.00	37.43 2.18 0.00	38.58 2.34 0.00	33.21 2.30 0.00	37.10 2.75 0.00	43.29 3.17 -3.14	35.32 2.91 -0.57	35.20 2.89 0.00	39.29 3.02 0.00	104.75 7.04 0.00	59.02 3.63 0.00	52.35 3.25 0.00	56.90 3.60 0.00	47.78 3.00 0.00
EAST_RIVER___2 323559	39.12 1.71 0.00	35.82 1.56 0.00	37.03 1.36 0.00	34.38 1.26 0.00	31.36 1.20 0.00	42.62 1.46 0.00	59.02 2.24 0.00	67.94 3.13 0.00	43.77 2.32 0.00	35.84 2.09 0.00	39.16 2.32 0.00	37.50 2.25 0.00	38.67 2.43 0.00	33.29 2.38 0.00	37.18 2.84 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.27 2.97 0.00	39.37 3.10 0.00	104.96 7.25 0.00	59.13 3.74 0.00	52.43 3.34 0.00	56.99 3.69 0.00	47.87 3.09 0.00
EAST___DELAWARE_HYD 23607	38.91 1.50 0.00	35.67 1.40 0.00	37.00 1.33 0.00	34.34 1.22 0.00	31.29 1.12 0.00	42.71 1.55 0.00	59.10 2.33 0.00	67.52 2.71 0.00	43.08 1.64 0.00	35.07 1.32 0.00	38.30 1.46 0.00	36.78 1.53 0.00	37.13 0.89 0.00	31.61 0.70 0.00	35.19 0.85 0.00	41.45 1.00 -3.48	33.34 0.97 -0.53	33.37 1.06 0.00	37.54 1.27 0.00	100.92 3.09 -0.12	58.29 2.89 0.00	51.71 2.62 0.00	56.13 2.84 0.00	47.25 2.27 -0.20
EIGHT_POINT___WT_PWR 323820	30.70 -1.55 5.16	26.24 -1.70 6.33	33.88 -1.79 0.00	31.48 -1.64 0.00	26.43 -1.07 2.66	40.49 -0.67 0.00	56.32 -0.46 0.00	58.64 -0.49 5.68	41.50 0.06 0.00	33.45 -0.30 0.00	36.38 -0.46 0.00	34.68 -0.58 0.00	35.07 -1.17 0.00	29.57 -1.34 0.00	32.82 -1.53 0.00	11.74 -2.43 22.80	30.11 -1.84 -0.11	30.43 -1.88 0.00	34.67 -1.59 0.00	94.06 -2.38 1.27	54.21 -1.18 0.00	47.97 -1.12 0.00	52.38 -0.92 0.00	41.45 -1.24 2.08
ELBRIDGE_115KV_TB2 80188	36.27 -0.48 0.67	32.97 -0.47 0.82	35.20 -0.47 0.00	32.64 -0.48 0.00	29.48 -0.34 0.34	40.78 -0.37 0.00	56.37 -0.41 0.00	65.14 0.33 0.00	42.06 0.61 0.00	34.30 0.55 0.00	37.38 0.55 0.00	35.40 0.15 0.00	36.21 -0.03 0.00	30.91 0.00 0.00	34.36 0.01 0.00	32.59 -0.20 4.19	31.63 -0.28 -0.07	31.88 -0.42 0.00	35.71 -0.55 0.00	96.35 -1.19 0.16	54.73 -0.66 0.00	48.51 -0.59 0.00	52.71 -0.58 0.00	43.99 -0.52 0.27
ELEC_TRO_TEK 24086	39.42 2.00 0.00	36.04 1.78 0.00	37.29 1.62 0.00	34.62 1.49 0.00	31.58 1.42 0.00	49.78 1.82 -6.80	66.97 2.60 -7.60	69.53 3.16 -1.56	43.72 2.27 0.00	35.65 1.90 0.00	38.89 2.06 0.00	37.24 1.99 0.00	38.50 2.26 0.00	33.09 2.18 0.00	47.77 2.70 -10.73	66.74 3.10 -26.67	60.45 2.88 -25.73	65.99 2.87 -30.81	45.66 3.01 -6.38	127.78 6.83 -23.24	99.56 3.63 -40.54	73.00 3.34 -20.57	66.14 3.78 -9.06	71.50 3.17 -23.55
ELLENBURG_WT_PWR 323604	37.26 -0.15 0.00	34.10 -0.16 0.00	35.61 -0.06 0.00	33.09 -0.03 0.00	30.08 -0.08 0.00	41.09 -0.07 0.00	56.63 -0.15 0.00	64.64 -0.17 0.00	41.35 -0.10 0.00	33.54 -0.21 0.00	36.43 -0.40 0.00	34.77 -0.47 0.00	35.79 -0.45 0.00	30.58 -0.33 0.00	34.03 -0.31 0.00	36.58 -0.40 0.00	31.46 -0.38 0.00	31.97 -0.34 0.00	36.05 -0.22 0.00	97.69 -0.02 0.00	55.65 0.25 0.00	49.04 -0.05 0.00	52.95 -0.35 0.00	44.43 -0.34 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.08 -1.95 3.38	28.11 -2.00 4.14	33.63 -2.04 0.00	31.12 -2.00 0.00	27.16 -1.26 1.74	39.76 -1.40 0.00	54.18 -2.60 0.00	59.19 -2.81 2.82	39.97 -1.47 0.00	32.31 -1.44 0.00	35.26 -1.58 0.00	33.54 -1.71 0.00	34.36 -1.88 0.00	29.29 -1.63 0.00	32.58 -1.76 0.00	19.72 -2.31 14.95	29.62 -2.31 -0.08	29.83 -2.48 0.00	33.62 -2.65 0.00	90.19 -6.69 0.83	51.57 -3.82 0.00	45.55 -3.55 0.00	49.88 -3.41 0.00	40.28 -3.13 1.37
EMPIRE_CC_1 323656	38.62 1.20 0.00	35.39 1.13 0.00	36.81 1.14 0.00	34.19 1.07 0.00	31.11 0.95 0.00	42.26 1.10 0.00	58.26 1.48 0.00	66.54 1.73 0.00	42.47 1.02 0.00	34.64 0.89 0.00	37.86 1.03 0.00	36.41 1.17 0.00	37.42 1.18 0.00	31.89 0.98 0.00	35.56 1.22 0.00	39.93 1.52 -1.44	33.78 1.30 -0.63	33.65 1.34 0.00	37.69 1.42 0.00	100.86 3.15 0.00	57.02 1.62 0.00	50.74 1.65 0.00	55.20 1.91 0.00	46.48 1.71 0.00
EMPIRE_CC_2 323658	38.62 1.20 0.00	35.39 1.13 0.00	36.81 1.14 0.00	34.19 1.07 0.00	31.11 0.95 0.00	42.26 1.10 0.00	58.26 1.48 0.00	66.54 1.73 0.00	42.47 1.02 0.00	34.64 0.89 0.00	37.86 1.03 0.00	36.41 1.17 0.00	37.42 1.18 0.00	31.89 0.98 0.00	35.56 1.22 0.00	39.93 1.52 -1.44	33.78 1.30 -0.63	33.65 1.34 0.00	37.69 1.42 0.00	100.86 3.15 0.00	57.02 1.62 0.00	50.74 1.65 0.00	55.20 1.91 0.00	46.48 1.71 0.00
ENORWICH_115KV_TB1 80156	40.42 2.31 -0.69	37.09 1.97 -0.85	37.66 1.99 0.00	34.74 1.62 0.00	32.17 1.65 -0.36	43.81 2.65 0.00	61.36 4.58 0.00	72.58 4.76 -3.01	43.77 2.33 0.00	35.93 2.18 0.00	39.42 2.59 0.00	37.63 2.38 0.00	38.07 1.83 0.00	32.06 1.15 0.00	35.28 0.93 0.00	41.39 0.57 -3.85	32.64 0.58 -0.22	33.25 0.93 0.00	38.11 1.84 0.00	105.21 7.32 -0.18	59.76 4.36 0.00	52.81 3.72 0.00	57.20 3.90 0.00	48.04 2.97 -0.30
ERIE_ST__34_KV_TB1-2 80199	32.06 -1.79 3.57	28.01 -1.88 4.38	33.76 -1.91 0.00	31.21 -1.91 0.00	27.13 -1.19 1.84	39.84 -1.32 0.00	54.45 -2.33 0.00	59.45 -2.39 2.97	40.27 -1.17 0.00	32.57 -1.18 0.00	35.51 -1.32 0.00	33.82 -1.43 0.00	34.59 -1.64 0.00	29.48 -1.43 0.00	32.80 -1.54 0.00	19.05 -2.13 15.79	29.79 -2.14 -0.09	30.05 -2.26 0.00	33.88 -2.39 0.00	90.99 -5.85 0.87	51.99 -3.41 0.00	45.92 -3.17 0.00	50.23 -3.07 0.00	40.40 -2.93 1.44
ERIE_WT_PWR 323693	32.12 -1.79 3.51	28.08 -1.88 4.30	33.76 -1.91 0.00	31.22 -1.90 0.00	27.17 -1.19 1.81	39.92 -1.24 0.00	54.48 -2.29 0.00	59.40 -2.48 2.93	40.22 -1.23 0.00	32.49 -1.26 0.00	35.46 -1.38 0.00	33.70 -1.55 0.00	34.51 -1.73 0.00	29.41 -1.50 0.00	32.68 -1.66 0.00	19.14 -2.32 15.52	29.71 -2.22 -0.09	29.92 -2.39 0.00	33.78 -2.49 0.00	90.67 -6.18 0.86	51.89 -3.50 0.00	45.85 -3.24 0.00	50.18 -3.11 0.00	40.40 -2.96 1.42
ESPRGFLD_115KV_TB1 80157	39.31 1.26 -0.62	36.13 1.11 -0.76	36.79 1.12 0.00	34.11 0.99 0.00	31.33 0.85 -0.32	42.87 1.71 0.00	60.88 4.11 0.00	69.40 4.08 -0.52	43.45 2.00 0.00	35.50 1.75 0.00	38.79 1.96 0.00	37.03 1.78 0.00	37.61 1.37 0.00	31.64 0.72 0.00	35.07 0.72 0.00	40.79 0.68 -3.14	32.43 0.54 -0.05	32.92 0.61 0.00	37.27 1.00 0.00	101.87 4.00 -0.16	57.92 2.52 0.00	51.31 2.21 0.00	55.78 2.49 0.00	46.97 1.92 -0.27
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.64 0.45 1.23	33.10 0.34 1.51	36.01 0.34 0.00	33.42 0.30 0.00	29.91 0.38 0.63	41.84 0.68 0.00	57.97 1.19 0.00	72.50 1.54 -6.14	42.46 1.02 0.00	34.75 1.00 0.00	37.89 1.05 0.00	35.99 0.74 0.00	36.61 0.37 0.00	31.18 0.27 0.00	34.65 0.31 0.00	31.92 0.07 5.12	31.98 0.00 -0.14	32.41 0.10 0.00	36.55 0.28 0.00	99.06 1.65 0.30	56.43 1.04 0.00	50.00 0.91 0.00	54.30 1.00 0.00	45.00 0.71 0.49
ETNA____115KV_TB2 80207	36.64 0.45 1.23	33.10 0.34 1.51	36.01 0.34 0.00	33.42 0.30 0.00	29.91 0.38 0.63	41.84 0.68 0.00	57.97 1.19 0.00	72.50 1.54 -6.14	42.46 1.02 0.00	34.75 1.00 0.00	37.89 1.05 0.00	35.99 0.74 0.00	36.61 0.37 0.00	31.18 0.27 0.00	34.65 0.31 0.00	31.92 0.07 5.12	31.98 0.00 -0.14	32.41 0.10 0.00	36.55 0.28 0.00	99.06 1.65 0.30	56.43 1.04 0.00	50.00 0.91 0.00	54.30 1.00 0.00	45.00 0.71 0.49
EUCLID___115KV_TB2 356179	36.72 -0.70 0.00	33.61 -0.65 0.00	34.98 -0.70 0.00	32.46 -0.66 0.00	29.65 -0.51 0.00	40.52 -0.64 0.00	55.91 -0.87 0.00	63.95 -0.87 0.00	40.95 -0.49 0.00	33.39 -0.36 0.00	36.48 -0.36 0.00	34.81 -0.44 0.00	35.69 -0.54 0.00	30.47 -0.44 0.00	33.86 -0.48 0.00	34.54 -0.61 1.82	31.34 -0.56 -0.05	31.66 -0.65 0.00	35.47 -0.79 0.00	95.71 -1.99 0.00	54.28 -1.12 0.00	48.12 -0.97 0.00	52.29 -1.00 0.00	43.93 -0.85 0.00
E_CANADA_CAP_HY 24051	39.31 1.47 -0.42	36.08 1.31 -0.52	36.99 1.32 0.00	34.34 1.22 0.00	31.48 1.10 -0.22	43.12 1.96 0.00	60.34 3.56 0.00	68.18 3.06 -0.31	42.55 1.10 0.00	34.56 0.81 0.00	37.80 0.97 0.00	36.28 1.03 0.00	36.85 0.61 0.00	31.01 0.10 0.00	34.55 0.21 0.00	40.93 0.13 -3.82	32.65 0.05 -0.75	32.49 0.18 0.00	36.75 0.49 0.00	101.19 3.37 -0.11	57.86 2.46 0.00	51.29 2.19 0.00	55.95 2.65 0.00	47.07 2.11 -0.19
E_CANADA_MHWK_HY 24050	38.58 1.16 0.00	35.29 1.03 0.00	36.55 0.88 0.00	33.98 0.86 0.00	30.88 0.71 0.00	42.07 0.92 0.00	58.36 1.58 0.00	65.17 0.36 0.00	40.67 -0.78 0.00	32.74 -1.01 0.00	36.07 -0.77 0.00	35.38 0.13 0.00	35.97 -0.27 0.00	30.19 -0.72 0.00	34.34 -0.01 0.00	36.45 -0.52 0.00	31.79 -0.05 0.00	32.79 0.48 0.00	36.95 0.68 0.00	101.07 3.36 0.00	57.22 1.83 0.00	51.06 1.97 0.00	55.97 2.68 0.00	46.98 2.20 0.00
E_FISHKILL___LBMP 23776	38.76 1.34 0.00	35.54 1.28 0.00	36.83 1.16 0.00	34.17 1.06 0.00	31.11 0.95 0.00	42.32 1.16 0.00	58.52 1.75 0.00	67.09 2.28 0.00	43.04 1.60 0.00	35.16 1.41 0.00	38.43 1.59 0.00	36.83 1.58 0.00	37.97 1.73 0.00	32.63 1.72 0.00	36.43 2.08 0.00	40.71 2.42 -1.31	34.68 2.26 -0.58	34.56 2.25 0.00	38.65 2.39 0.00	103.25 5.54 0.00	58.23 2.83 0.00	51.68 2.59 0.00	56.15 2.85 0.00	47.13 2.35 0.00
FALCON___SEABRD_CC1 323796	37.68 0.26 0.00	34.47 0.21 0.00	35.99 0.32 0.00	33.45 0.33 0.00	30.43 0.27 0.00	41.52 0.36 0.00	57.25 0.47 0.00	65.43 0.62 0.00	41.86 0.41 0.00	33.92 0.18 0.00	36.85 0.01 0.00	35.24 -0.02 0.00	36.24 0.00 0.00	30.93 0.01 0.00	34.51 0.16 0.00	37.08 0.10 0.00	31.88 0.04 0.00	32.39 0.08 0.00	36.50 0.24 0.00	98.98 1.27 0.00	56.44 1.05 0.00	49.70 0.60 0.00	53.68 0.38 0.00	45.04 0.26 0.00
FALCON___SEABRD_CC2 323797	37.68 0.26 0.00	34.47 0.21 0.00	35.99 0.32 0.00	33.45 0.33 0.00	30.43 0.27 0.00	41.52 0.36 0.00	57.25 0.47 0.00	65.43 0.62 0.00	41.86 0.41 0.00	33.92 0.18 0.00	36.85 0.01 0.00	35.24 -0.02 0.00	36.24 0.00 0.00	30.93 0.01 0.00	34.51 0.16 0.00	37.08 0.10 0.00	31.88 0.04 0.00	32.39 0.08 0.00	36.50 0.24 0.00	98.98 1.27 0.00	56.44 1.05 0.00	49.70 0.60 0.00	53.68 0.38 0.00	45.04 0.26 0.00

FAR ROCKAWAY___4 23548	39.81 2.39 0.00	36.38 2.12 0.00	37.64 1.97 0.00	34.94 1.82 0.00	31.88 1.72 0.00	50.46 2.26 -7.04	67.84 3.20 -7.87	70.21 3.78 -1.62	44.15 2.70 0.00	35.99 2.24 0.00	39.27 2.43 0.00	37.61 2.36 0.00	38.90 2.66 0.00	33.41 2.50 0.00	48.53 3.07 -11.11	68.03 3.55 -27.50	61.74 3.28 -26.62	67.48 3.27 -31.90	46.34 3.47 -6.60	129.80 8.04 -24.06	101.69 4.32 -41.97	74.34 3.94 -21.30	67.09 4.41 -9.38	72.83 3.67 -24.39
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.09 1.67 0.00	35.80 1.54 0.00	37.01 1.34 0.00	34.37 1.25 0.00	31.35 1.19 0.00	42.59 1.43 0.00	58.95 2.17 0.00	67.83 3.02 0.00	43.70 2.25 0.00	35.75 2.01 0.00	39.08 2.24 0.00	37.43 2.18 0.00	38.59 2.35 0.00	33.22 2.31 0.00	37.10 2.76 0.00	43.28 3.16 -3.14	35.32 2.91 -0.57	35.20 2.89 0.00	39.29 3.02 0.00	104.76 7.05 0.00	59.04 3.64 0.00	52.36 3.27 0.00	56.93 3.63 0.00	47.80 3.02 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.09 1.68 0.00	35.80 1.54 0.00	37.01 1.34 0.00	34.37 1.25 0.00	31.35 1.19 0.00	42.59 1.43 0.00	58.95 2.17 0.00	67.82 3.01 0.00	43.68 2.24 0.00	35.75 2.00 0.00	39.07 2.23 0.00	37.42 2.17 0.00	38.57 2.34 0.00	33.21 2.30 0.00	37.09 2.75 0.00	43.27 3.15 -3.14	35.31 2.90 -0.57	35.20 2.89 0.00	39.28 3.02 0.00	104.76 7.05 0.00	59.02 3.63 0.00	52.35 3.26 0.00	56.93 3.63 0.00	47.80 3.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.08 1.66 0.00	35.80 1.53 0.00	37.00 1.33 0.00	34.35 1.23 0.00	31.33 1.17 0.00	42.57 1.40 0.00	58.93 2.15 0.00	67.81 3.00 0.00	43.67 2.23 0.00	35.75 2.00 0.00	39.07 2.23 0.00	37.42 2.17 0.00	38.57 2.33 0.00	33.21 2.30 0.00	37.09 2.75 0.00	43.25 3.14 -3.14	35.31 2.90 -0.57	35.19 2.88 0.00	39.27 3.00 0.00	104.68 6.97 0.00	59.00 3.60 0.00	52.33 3.24 0.00	56.90 3.60 0.00	47.77 3.00 0.00
FARRAGUT___LBMP 323566	39.05 1.63 0.00	35.77 1.51 0.00	36.98 1.31 0.00	34.34 1.22 0.00	31.32 1.16 0.00	42.55 1.39 0.00	58.89 2.11 0.00	67.75 2.94 0.00	43.64 2.19 0.00	35.71 1.97 0.00	39.03 2.19 0.00	37.38 2.13 0.00	38.53 2.29 0.00	33.17 2.26 0.00	37.06 2.71 0.00	43.22 3.10 -3.14	35.28 2.87 -0.57	35.16 2.85 0.00	39.24 2.97 0.00	104.63 6.92 0.00	58.95 3.56 0.00	52.30 3.21 0.00	56.86 3.56 0.00	47.74 2.97 0.00
FARRCKWY_69_KV_BK2 55825	39.81 2.39 0.00	36.38 2.12 0.00	37.64 1.97 0.00	34.94 1.82 0.00	31.88 1.72 0.00	50.46 2.26 -7.04	67.84 3.20 -7.87	70.21 3.78 -1.62	44.15 2.70 0.00	35.99 2.24 0.00	39.27 2.43 0.00	37.61 2.36 0.00	38.90 2.66 0.00	33.41 2.50 0.00	48.53 3.07 -11.11	68.03 3.55 -27.50	61.74 3.28 -26.62	67.48 3.27 -31.90	46.34 3.47 -6.60	129.80 8.04 -24.06	101.69 4.32 -41.97	74.34 3.94 -21.30	67.09 4.41 -9.38	72.83 3.67 -24.39
FENNER___WINDPWR 24204	37.84 0.43 0.00	34.64 0.38 0.00	36.00 0.33 0.00	33.44 0.32 0.00	30.56 0.40 0.00	41.80 0.64 0.00	57.79 1.01 0.00	67.05 1.04 -1.21	41.94 0.50 0.00	34.17 0.42 0.00	37.35 0.51 0.00	35.68 0.43 0.00	36.45 0.21 0.00	31.10 0.19 0.00	34.55 0.20 0.00	37.21 0.06 -0.18	31.98 0.06 -0.08	32.38 0.08 0.00	36.58 0.31 0.00	99.26 1.55 0.00	56.41 1.02 0.00	49.96 0.87 0.00	54.20 0.91 0.00	45.42 0.64 0.00
FIBERTEK___ENERGY 23856	36.55 -0.30 0.57	33.27 -0.30 0.69	35.35 -0.32 0.00	32.80 -0.32 0.00	29.67 -0.20 0.29	40.97 -0.19 0.00	56.59 -0.18 0.00	65.10 0.28 0.00	41.85 0.41 0.00	34.14 0.40 0.00	37.26 0.43 0.00	35.38 0.13 0.00	36.21 -0.02 0.00	30.92 0.01 0.00	34.36 0.01 0.00	33.46 -0.16 3.35	31.72 -0.18 -0.06	32.01 -0.30 0.00	35.88 -0.39 0.00	96.84 -0.73 0.14	54.98 -0.41 0.00	48.72 -0.37 0.00	52.93 -0.37 0.00	44.21 -0.34 0.22
FITZPATRICK___ 23598	36.28 -1.14 0.00	33.22 -1.04 0.00	34.57 -1.11 0.00	32.09 -1.03 0.00	29.29 -0.87 0.00	40.01 -1.15 0.00	55.19 -1.59 0.00	62.96 -1.85 0.00	40.26 -1.19 0.00	32.80 -0.95 0.00	35.86 -0.98 0.00	34.27 -0.99 0.00	35.16 -1.08 0.00	30.01 -0.90 0.00	33.36 -0.98 0.00	35.94 -1.11 -0.08	30.88 -1.00 -0.03	31.26 -1.06 0.00	35.01 -1.26 0.00	94.35 -3.36 0.00	53.54 -1.85 0.00	47.48 -1.61 0.00	51.59 -1.70 0.00	43.38 -1.40 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.37 1.96 0.00	36.06 1.80 0.00	37.38 1.71 0.00	34.68 1.56 0.00	31.57 1.41 0.00	43.01 1.85 0.00	59.53 2.75 0.00	68.20 3.39 0.00	43.68 2.23 0.00	35.59 1.85 0.00	38.89 2.05 0.00	37.35 2.10 0.00	38.57 2.33 0.00	33.11 2.20 0.00	36.96 2.62 0.00	41.17 2.89 -1.30	35.09 2.67 -0.57	34.98 2.67 0.00	39.16 2.89 0.00	104.73 7.02 0.00	59.09 3.69 0.00	52.41 3.32 0.00	56.91 3.61 0.00	47.71 2.94 0.00
FORT ORANGE___ 23900	38.45 1.03 0.00	35.24 0.97 0.00	36.64 0.98 0.00	34.03 0.91 0.00	30.96 0.79 0.00	41.90 0.74 0.00	57.75 0.97 0.00	65.96 1.15 0.00	42.07 0.62 0.00	34.24 0.49 0.00	37.40 0.56 0.00	35.99 0.74 0.00	37.11 0.88 0.00	31.70 0.79 0.00	35.27 0.93 0.00	39.53 1.09 -1.47	33.51 1.02 -0.65	33.36 1.05 0.00	37.41 1.14 0.00	100.36 2.65 0.00	56.77 1.38 0.00	50.44 1.35 0.00	54.80 1.51 0.00	46.12 1.35 0.00
FORT_DRUM_COGEN 23780	35.44 -1.98 0.00	32.68 -1.58 0.00	34.00 -1.67 0.00	31.75 -1.37 0.00	29.01 -1.15 0.00	40.00 -1.16 0.00	55.29 -1.49 0.00	62.79 -2.03 0.00	39.60 -1.85 0.00	31.92 -1.82 0.00	34.38 -2.45 0.00	32.71 -2.54 0.00	33.71 -2.53 0.00	28.83 -2.08 0.00	31.82 -2.52 0.00	34.21 -2.84 -0.08	29.40 -2.47 -0.03	30.08 -2.23 0.00	34.11 -2.15 0.00	93.99 -3.72 0.00	54.01 -1.39 0.00	47.65 -1.43 0.00	51.33 -1.96 0.00	43.00 -1.78 0.00
FOX_HILLS___ESR 323835	39.35 1.93 0.00	36.08 1.82 0.00	37.23 1.56 0.00	34.57 1.45 0.00	31.47 1.32 0.00	42.75 1.59 0.00	59.18 2.41 0.00	68.02 3.21 0.00	43.74 2.29 0.00	35.78 2.03 0.00	39.07 2.23 0.00	37.36 2.11 0.00	38.58 2.34 0.00	33.23 2.32 0.00	37.10 2.75 0.00	43.34 3.22 -3.14	35.36 2.95 -0.57	35.19 2.88 0.00	39.28 3.01 0.00	104.85 7.14 0.00	59.10 3.70 0.00	52.45 3.36 0.00	57.03 3.74 0.00	47.96 3.18 0.00
FPL_FAR_ROCK_GT1 24212	39.81 2.39 0.00	36.38 2.12 0.00	37.64 1.97 0.00	34.94 1.82 0.00	31.88 1.72 0.00	50.45 2.26 -7.04	67.84 3.19 -7.87	70.22 3.80 -1.62	44.15 2.70 0.00	35.99 2.24 0.00	39.27 2.43 0.00	37.61 2.36 0.00	38.90 2.66 0.00	33.41 2.50 0.00	48.53 3.07 -11.11	68.04 3.56 -27.50	61.74 3.28 -26.62	67.48 3.27 -31.90	46.34 3.46 -6.60	129.84 8.07 -24.06	101.70 4.33 -41.97	74.34 3.95 -21.30	67.09 4.41 -9.38	72.83 3.67 -24.39
FPL_FAR_ROCK_GT2 23815	39.81 2.39 0.00	36.38 2.12 0.00	37.64 1.97 0.00	34.94 1.82 0.00	31.88 1.72 0.00	50.45 2.26 -7.04	67.84 3.19 -7.87	70.22 3.80 -1.62	44.15 2.70 0.00	35.99 2.24 0.00	39.27 2.43 0.00	37.61 2.36 0.00	38.90 2.66 0.00	33.41 2.50 0.00	48.53 3.07 -11.11	68.04 3.56 -27.50	61.74 3.28 -26.62	67.48 3.27 -31.90	46.34 3.46 -6.60	129.84 8.07 -24.06	101.70 4.33 -41.97	74.34 3.95 -21.30	67.09 4.41 -9.38	72.83 3.67 -24.39

FRANKLIN_FALL_HYD 24054	37.46 0.04 0.00	34.25 -0.01 0.00	35.81 0.14 0.00	33.27 0.15 0.00	30.24 0.07 0.00	41.37 0.21 0.00	56.98 0.20 0.00	65.23 0.42 0.00	41.81 0.36 0.00	33.85 0.10 0.00	36.67 -0.16 0.00	34.95 -0.31 0.00	35.98 -0.26 0.00	30.78 -0.13 0.00	34.19 -0.16 0.00	36.70 -0.27 0.00	31.53 -0.32 0.00	32.14 -0.17 0.00	36.09 -0.18 0.00	98.28 0.57 0.00	56.02 0.63 0.00	49.32 0.23 0.00	53.25 -0.05 0.00	44.67 -0.11 0.00
FREEPORT_EQUS_GT1 23764	39.65 2.24 0.00	36.23 1.97 0.00	37.47 1.80 0.00	34.78 1.65 0.00	31.74 1.58 0.00	48.33 2.05 -5.12	65.39 2.89 -5.72	69.46 3.47 -1.17	43.92 2.47 0.00	35.77 2.03 0.00	38.98 2.14 0.00	37.32 2.07 0.00	38.56 2.32 0.00	33.06 2.15 0.00	45.24 2.81 -8.08	61.14 3.29 -20.87	54.40 3.03 -19.53	58.57 3.05 -23.22	44.28 3.21 -4.80	122.39 7.17 -17.51	89.72 3.77 -30.55	68.25 3.66 -15.50	64.24 4.12 -6.83	65.96 3.44 -17.75
FREEPORT___CT2 23818	39.65 2.24 0.00	36.23 1.97 0.00	37.47 1.80 0.00	34.78 1.65 0.00	31.74 1.58 0.00	48.33 2.05 -5.12	65.39 2.89 -5.72	69.46 3.47 -1.17	43.92 2.47 0.00	35.77 2.03 0.00	38.98 2.14 0.00	37.32 2.07 0.00	38.56 2.32 0.00	33.06 2.15 0.00	45.24 2.81 -8.08	61.14 3.29 -20.87	54.40 3.03 -19.53	58.57 3.05 -23.22	44.28 3.21 -4.80	122.39 7.17 -17.51	89.72 3.77 -30.55	68.25 3.66 -15.50	64.24 4.12 -6.83	65.96 3.44 -17.75
FRESHKLS_33_KV_LOAD 356253	39.47 2.05 0.00	36.23 1.97 0.00	37.36 1.68 0.00	34.68 1.56 0.00	31.55 1.39 0.00	42.85 1.69 0.00	59.34 2.56 0.00	68.16 3.35 0.00	43.78 2.33 0.00	35.79 2.04 0.00	39.08 2.24 0.00	37.35 2.10 0.00	38.57 2.33 0.00	33.23 2.32 0.00	37.13 2.79 0.00	43.38 3.26 -3.14	35.41 3.00 -0.57	35.21 2.90 0.00	39.33 3.06 0.00	105.04 7.33 0.00	59.22 3.82 0.00	52.56 3.47 0.00	57.17 3.87 0.00	48.08 3.31 0.00
FULTON COGEN____ 23766	36.34 -1.08 0.00	33.26 -1.00 0.00	34.61 -1.06 0.00	32.13 -0.99 0.00	29.33 -0.84 0.00	40.09 -1.07 0.00	55.34 -1.44 0.00	63.12 -1.69 0.00	40.36 -1.09 0.00	32.90 -0.85 0.00	35.96 -0.88 0.00	34.26 -0.99 0.00	35.14 -1.10 0.00	30.01 -0.90 0.00	33.32 -1.03 0.00	34.10 -1.13 1.73	30.88 -1.02 -0.05	31.22 -1.09 0.00	35.03 -1.24 0.00	94.60 -3.11 0.00	53.70 -1.70 0.00	47.63 -1.46 0.00	51.73 -1.56 0.00	43.47 -1.30 0.00
FULTON___LFGE 323630	39.06 1.65 0.00	35.72 1.46 0.00	37.17 1.50 0.00	34.49 1.37 0.00	31.43 1.27 0.00	43.18 2.02 0.00	60.15 3.37 0.00	67.35 2.54 0.00	41.82 0.37 0.00	33.78 0.03 0.00	37.05 0.21 0.00	35.88 0.63 0.00	36.51 0.27 0.00	30.75 -0.16 0.00	34.58 0.23 0.00	38.59 0.00 -1.62	32.70 0.15 -0.72	32.71 0.41 0.00	36.91 0.64 0.00	101.85 4.15 0.00	58.28 2.89 0.00	51.70 2.61 0.00	56.25 2.95 0.00	47.12 2.34 0.00
G.F.CEMENT___DRP 24184	39.44 2.02 0.00	36.14 1.88 0.00	37.57 1.90 0.00	34.92 1.80 0.00	31.72 1.56 0.00	43.21 2.05 0.00	60.08 3.30 0.00	68.34 3.53 0.00	43.25 1.80 0.00	34.93 1.18 0.00	38.01 1.17 0.00	36.91 1.66 0.00	37.78 1.54 0.00	32.20 1.29 0.00	35.70 1.36 0.00	40.27 1.78 -1.52	34.15 1.64 -0.67	34.04 1.73 0.00	38.34 2.08 0.00	103.54 5.83 0.00	58.39 3.00 0.00	51.98 2.89 0.00	56.42 3.12 0.00	47.27 2.49 0.00
GARDENVILLE___LBMP 24039	32.07 -1.85 3.50	28.05 -1.92 4.29	33.71 -1.96 0.00	31.18 -1.94 0.00	27.15 -1.21 1.80	39.85 -1.32 0.00	54.35 -2.43 0.00	59.29 -2.60 2.92	40.11 -1.34 0.00	32.42 -1.33 0.00	35.37 -1.46 0.00	33.65 -1.60 0.00	34.45 -1.78 0.00	29.35 -1.56 0.00	32.65 -1.70 0.00	19.24 -2.26 15.47	29.68 -2.26 -0.09	29.89 -2.41 0.00	33.71 -2.56 0.00	90.49 -6.36 0.86	51.78 -3.61 0.00	45.73 -3.36 0.00	50.06 -3.23 0.00	40.36 -3.00 1.41
GARDNVLA_35_KV_LD 355827	32.14 -1.76 3.51	28.10 -1.85 4.31	33.80 -1.87 0.00	31.26 -1.86 0.00	27.22 -1.14 1.81	39.97 -1.19 0.00	54.53 -2.25 0.00	59.50 -2.38 2.93	40.26 -1.19 0.00	32.53 -1.22 0.00	35.50 -1.34 0.00	33.77 -1.48 0.00	34.57 -1.67 0.00	29.45 -1.47 0.00	32.76 -1.59 0.00	19.27 -2.16 15.54	29.77 -2.16 -0.09	29.99 -2.32 0.00	33.83 -2.44 0.00	90.78 -6.06 0.86	51.95 -3.44 0.00	45.88 -3.22 0.00	50.22 -3.08 0.00	40.46 -2.89 1.42
GELCKHM___115KV_LOAD 80723	36.39 -0.57 0.46	33.16 -0.53 0.57	35.10 -0.57 0.00	32.58 -0.54 0.00	29.51 -0.42 0.24	40.66 -0.49 0.00	56.14 -0.64 0.00	64.34 -0.47 0.00	41.26 -0.18 0.00	33.64 -0.10 0.00	36.74 -0.10 0.00	35.00 -0.25 0.00	35.86 -0.38 0.00	30.61 -0.30 0.00	34.02 -0.33 0.00	34.04 -0.47 2.46	31.46 -0.44 -0.06	31.76 -0.54 0.00	35.61 -0.66 0.11	95.95 -1.65 0.00	54.51 -0.88 0.00	48.31 -0.78 0.00	52.49 -0.80 0.00	43.90 -0.69 0.18
GENERAL___MILLS 23808	32.09 -1.82 3.51	28.07 -1.90 4.30	33.75 -1.92 0.00	31.21 -1.91 0.00	27.17 -1.18 1.81	39.90 -1.26 0.00	54.44 -2.34 0.00	59.40 -2.49 2.93	40.18 -1.26 0.00	32.47 -1.28 0.00	35.43 -1.40 0.00	33.70 -1.55 0.00	34.51 -1.73 0.00	29.39 -1.52 0.00	32.69 -1.65 0.00	19.23 -2.22 15.52	29.71 -2.23 -0.09	29.93 -2.38 0.00	33.76 -2.51 0.00	90.62 -6.23 0.86	51.85 -3.54 0.00	45.79 -3.30 0.00	50.14 -3.16 0.00	40.39 -2.97 1.42
GE_PLASTICS___DRP 24183	38.27 0.85 0.00	35.07 0.80 0.00	36.47 0.80 0.00	33.88 0.75 0.00	30.81 0.65 0.00	41.79 0.63 0.00	57.60 0.82 0.00	65.82 1.00 0.00	42.05 0.61 0.00	34.29 0.54 0.00	37.46 0.62 0.00	36.00 0.75 0.00	37.05 0.81 0.00	31.68 0.76 0.00	35.26 0.92 0.00	39.54 1.10 -1.47	33.51 1.02 -0.65	33.35 1.04 0.00	37.37 1.10 0.00	100.08 2.37 0.00	56.57 1.18 0.00	50.26 1.17 0.00	54.63 1.34 0.00	45.97 1.19 0.00
GILBOA___1 23756	38.23 0.81 0.00	35.04 0.78 0.00	36.52 0.85 0.00	33.89 0.77 0.00	30.76 0.60 0.00	41.89 0.73 0.00	57.73 0.95 0.00	65.94 1.13 0.00	42.22 0.78 0.00	34.49 0.75 0.00	37.68 0.85 0.00	36.13 0.88 0.00	37.16 0.93 0.00	31.81 0.90 0.00	35.47 1.12 0.00	41.60 1.32 -3.30	33.58 1.21 -0.53	33.53 1.23 0.00	37.58 1.31 0.00	100.69 2.87 -0.11	56.77 1.38 0.00	50.47 1.38 0.00	54.95 1.66 0.00	46.34 1.38 -0.18
GILBOA___2 23757	38.23 0.81 0.00	35.04 0.78 0.00	36.52 0.85 0.00	33.89 0.77 0.00	30.76 0.60 0.00	41.89 0.73 0.00	57.73 0.95 0.00	65.94 1.13 0.00	42.22 0.78 0.00	34.49 0.75 0.00	37.68 0.85 0.00	36.13 0.88 0.00	37.16 0.93 0.00	31.81 0.90 0.00	35.47 1.12 0.00	41.60 1.32 -3.30	33.58 1.21 -0.53	33.53 1.23 0.00	37.58 1.31 0.00	100.69 2.87 -0.11	56.77 1.38 0.00	50.47 1.38 0.00	54.95 1.66 0.00	46.34 1.38 -0.18
GILBOA___3 23758	38.23 0.81 0.00	35.04 0.78 0.00	36.52 0.85 0.00	33.89 0.77 0.00	30.76 0.60 0.00	41.89 0.73 0.00	57.73 0.95 0.00	65.94 1.13 0.00	42.22 0.78 0.00	34.49 0.75 0.00	37.68 0.85 0.00	36.13 0.88 0.00	37.16 0.93 0.00	31.81 0.90 0.00	35.47 1.12 0.00	41.60 1.32 -3.30	33.58 1.21 -0.53	33.53 1.23 0.00	37.58 1.31 0.00	100.69 2.87 -0.11	56.77 1.38 0.00	50.47 1.38 0.00	54.95 1.66 0.00	46.34 1.38 -0.18

GILBOA___4 23759	38.23 0.81 0.00	35.04 0.78 0.00	36.52 0.85 0.00	33.89 0.77 0.00	30.76 0.60 0.00	41.89 0.73 0.00	57.73 0.95 0.00	65.94 1.13 0.00	42.22 0.78 0.00	34.49 0.75 0.00	37.68 0.85 0.00	36.13 0.88 0.00	37.16 0.93 0.00	31.81 0.90 0.00	35.47 1.12 0.00	41.60 1.32 -3.30	33.58 1.21 -0.53	33.53 1.23 0.00	37.58 1.31 0.00	100.69 2.87 -0.11	56.77 1.38 0.00	50.47 1.38 0.00	54.95 1.66 0.00	46.34 1.38 -0.18
GILBOA____ 23599	38.23 0.81 0.00	35.04 0.78 0.00	36.52 0.85 0.00	33.89 0.77 0.00	30.76 0.60 0.00	41.89 0.73 0.00	57.73 0.96 0.00	65.95 1.14 0.00	42.22 0.78 0.00	34.49 0.74 0.00	37.68 0.85 0.00	36.13 0.88 0.00	37.17 0.93 0.00	31.81 0.90 0.00	35.47 1.13 0.00	41.60 1.32 -3.30	33.58 1.21 -0.53	33.53 1.23 0.00	37.58 1.31 0.00	100.69 2.87 -0.11	56.78 1.38 0.00	50.47 1.37 0.00	54.95 1.66 0.00	46.35 1.39 -0.18
GINNA____ 23603	33.03 -2.58 1.80	29.57 -2.48 2.21	33.11 -2.56 0.00	30.70 -2.42 0.00	27.34 -1.90 0.93	38.78 -2.38 0.00	53.31 -3.47 0.00	59.61 -3.74 1.47	39.27 -2.18 0.00	31.83 -1.92 0.00	34.64 -2.20 0.00	32.88 -2.37 0.00	33.71 -2.53 0.00	28.77 -2.15 0.00	31.95 -2.39 0.00	26.05 -2.84 8.09	29.34 -2.57 -0.07	29.64 -2.67 0.00	33.42 -2.85 0.00	89.97 -7.30 0.44	51.29 -4.11 0.00	45.35 -3.74 0.00	49.37 -3.92 0.00	40.56 -3.49 0.72
GLEN PARK____ 23778	35.45 -1.97 0.00	32.69 -1.57 0.00	34.00 -1.68 0.00	31.74 -1.38 0.00	29.00 -1.16 0.00	39.99 -1.17 0.00	55.29 -1.49 0.00	62.75 -2.07 0.00	39.54 -1.91 0.00	31.86 -1.89 0.00	34.32 -2.52 0.00	32.62 -2.63 0.00	33.62 -2.62 0.00	28.76 -2.15 0.00	31.75 -2.59 0.00	34.14 -2.92 -0.08	29.34 -2.54 -0.04	30.00 -2.31 0.00	34.04 -2.23 0.00	93.91 -3.80 0.00	54.01 -1.39 0.00	47.68 -1.41 0.00	51.32 -1.97 0.00	42.97 -1.81 0.00
GLENDALE_27_KV_LOAD 356172	39.23 1.81 0.00	35.92 1.66 0.00	37.12 1.45 0.00	34.47 1.35 0.00	31.44 1.29 0.00	42.69 1.53 0.00	59.08 2.30 0.00	67.97 3.16 0.00	43.84 2.40 0.00	35.88 2.13 0.00	39.21 2.37 0.00	37.52 2.27 0.00	38.72 2.48 0.00	33.35 2.44 0.00	37.19 2.85 0.00	43.41 3.29 -3.14	35.42 3.00 -0.57	35.28 2.97 0.00	39.36 3.10 0.00	104.94 7.23 0.00	59.13 3.73 0.00	52.44 3.35 0.00	57.00 3.70 0.00	47.88 3.10 0.00
GLENWOOD_IC_1_G5 23712	39.47 2.05 0.00	36.10 1.84 0.00	37.35 1.68 0.00	34.68 1.56 0.00	31.62 1.46 0.00	49.29 1.87 -6.26	66.49 2.71 -6.99	69.63 3.39 -1.43	43.86 2.41 0.00	35.78 2.04 0.00	39.06 2.23 0.00	37.42 2.17 0.00	38.65 2.41 0.00	33.23 2.31 0.00	47.06 2.84 -9.88	65.04 3.25 -24.81	58.57 2.99 -23.74	63.68 3.00 -28.37	45.29 3.15 -5.87	126.41 7.30 -21.40	96.59 3.87 -37.33	71.55 3.52 -18.94	65.57 3.92 -8.34	69.73 3.26 -21.69
GLENWOOD_IC_2_G1 23688	39.23 1.81 0.00	35.91 1.65 0.00	37.16 1.49 0.00	34.48 1.36 0.00	31.44 1.28 0.00	43.07 1.62 -0.29	59.47 2.37 -0.32	67.91 3.04 -0.07	43.62 2.17 0.00	35.62 1.87 0.00	38.89 2.06 0.00	37.25 2.00 0.00	38.45 2.22 0.00	33.06 2.15 0.00	37.43 2.63 -0.46	44.16 3.04 -4.15	36.28 2.79 -1.64	36.42 2.80 -1.31	39.47 2.93 -0.27	105.50 6.80 -0.99	60.69 3.57 -1.73	53.20 3.23 -0.88	57.29 3.60 -0.38	48.77 2.99 -1.00
GLENWOOD_IC_3_G1 23689	39.23 1.81 0.00	35.91 1.65 0.00	37.16 1.49 0.00	34.48 1.36 0.00	31.44 1.28 0.00	43.07 1.62 -0.29	59.47 2.37 -0.32	67.91 3.04 -0.07	43.62 2.17 0.00	35.62 1.87 0.00	38.89 2.06 0.00	37.25 2.00 0.00	38.45 2.22 0.00	33.06 2.15 0.00	37.43 2.63 -0.46	44.16 3.04 -4.15	36.28 2.79 -1.64	36.42 2.80 -1.31	39.47 2.93 -0.27	105.50 6.80 -0.99	60.69 3.57 -1.73	53.20 3.23 -0.88	57.29 3.60 -0.38	48.77 2.99 -1.00
GLENWOOD___4 23550	39.47 2.05 0.00	36.10 1.84 0.00	37.35 1.68 0.00	34.68 1.56 0.00	31.62 1.46 0.00	49.29 1.87 -6.26	66.49 2.71 -6.99	69.63 3.39 -1.43	43.86 2.41 0.00	35.78 2.04 0.00	39.06 2.23 0.00	37.42 2.17 0.00	38.65 2.41 0.00	33.23 2.31 0.00	47.06 2.84 -9.88	65.04 3.25 -24.81	58.57 2.99 -23.74	63.68 3.00 -28.37	45.29 3.15 -5.87	126.41 7.30 -21.40	96.59 3.87 -37.33	71.55 3.52 -18.94	65.57 3.92 -8.34	69.73 3.26 -21.69
GLENWOOD___5 23614	39.47 2.05 0.00	36.10 1.84 0.00	37.35 1.68 0.00	34.68 1.56 0.00	31.62 1.46 0.00	49.29 1.87 -6.26	66.49 2.71 -6.99	69.63 3.39 -1.43	43.86 2.41 0.00	35.78 2.04 0.00	39.06 2.23 0.00	37.42 2.17 0.00	38.65 2.41 0.00	33.23 2.31 0.00	47.06 2.84 -9.88	65.04 3.25 -24.81	58.57 2.99 -23.74	63.68 3.00 -28.37	45.29 3.15 -5.87	126.41 7.30 -21.40	96.59 3.87 -37.33	71.55 3.52 -18.94	65.57 3.92 -8.34	69.73 3.26 -21.69
GLOBAL GREEN_PORT_GT1 23814	39.15 1.73 0.00	35.68 1.41 0.00	37.04 1.36 0.00	34.61 1.49 0.00	31.66 1.50 0.00	47.11 2.02 -3.93	65.12 3.95 -4.39	70.18 4.47 -0.90	44.78 3.33 0.00	36.09 2.34 0.00	39.44 2.61 0.00	37.38 2.14 0.00	38.28 2.04 0.00	32.53 1.62 0.00	42.72 2.18 -6.20	56.18 2.46 -16.74	49.42 2.46 -15.11	52.79 2.67 -17.81	43.08 3.13 -3.69	117.72 6.59 -13.43	82.38 3.55 -23.43	64.13 3.15 -11.89	62.05 3.52 -5.24	61.72 3.33 -13.61
GLOBE___DSASP 323697	31.58 -2.80 3.04	27.79 -2.74 3.73	32.88 -2.79 0.00	30.43 -2.69 0.00	26.76 -1.84 1.56	38.85 -2.31 0.00	52.54 -4.24 0.00	57.35 -4.95 2.51	38.58 -2.87 0.00	31.17 -2.57 0.00	34.09 -2.74 0.00	32.57 -2.68 0.00	33.44 -2.80 0.00	28.57 -2.34 0.00	31.78 -2.56 0.00	20.48 -3.03 13.46	28.86 -3.07 -0.08	29.01 -3.30 0.00	32.44 -3.83 0.00	86.71 -10.25 0.75	49.57 -5.83 0.00	43.78 -5.31 0.00	48.16 -5.13 0.00	39.24 -4.30 1.23
GOETHSLN___LBMP 323567	38.90 1.48 0.00	35.60 1.34 0.00	36.81 1.13 0.00	34.18 1.06 0.00	31.18 1.02 0.00	42.37 1.21 0.00	58.64 1.86 0.00	67.46 2.65 0.00	43.46 2.01 0.00	35.57 1.83 0.00	38.87 2.04 0.00	37.22 1.97 0.00	38.39 2.15 0.00	33.05 2.14 0.00	36.91 2.57 0.00	43.09 2.98 -3.14	35.15 2.74 -0.57	35.02 2.71 0.00	39.09 2.82 0.00	104.18 6.47 0.00	58.76 3.36 0.00	52.11 3.01 0.00	56.65 3.35 0.00	47.56 2.79 0.00
GOLAH___69_KV_TB 1_2 80279	34.43 -0.94 2.05	30.72 -1.03 2.51	34.63 -1.04 0.00	32.09 -1.03 0.00	28.67 -0.43 1.05	40.74 -0.42 0.00	55.84 -0.94 0.00	62.30 -0.83 1.68	41.22 -0.23 0.00	33.30 -0.45 0.00	36.16 -0.67 0.00	34.24 -1.01 0.00	35.04 -1.20 0.00	29.89 -1.02 0.00	33.23 -1.11 0.00	26.33 -1.49 9.15	30.38 -1.53 -0.07	30.68 -1.63 0.00	34.62 -1.65 0.00	93.61 -3.60 0.50	53.46 -1.93 0.00	47.30 -1.80 0.00	51.56 -1.74 0.00	42.24 -1.71 0.82
GOODYEAR_LAKE_HYD 323669	39.55 1.13 -1.00	36.48 1.00 -1.22	36.68 1.01 0.00	34.01 0.89 0.00	31.42 0.74 -0.51	42.59 1.43 0.00	61.34 4.56 0.00	70.47 4.75 -0.90	44.00 2.55 0.00	36.01 2.26 0.00	39.39 2.55 0.00	37.63 2.38 0.00	38.25 2.01 0.00	32.06 1.15 0.00	35.44 1.10 0.00	43.38 1.16 -5.24	33.07 1.02 -0.21	33.38 1.07 0.00	37.68 1.41 0.00	102.13 4.17 -0.26	57.70 2.31 0.00	51.15 2.05 0.00	55.57 2.27 0.00	46.97 1.77 -0.42

GOUDEY___1 345031	41.69 0.17 -4.10	39.39 0.10 -5.03	35.73 0.07 0.00	33.14 0.02 0.00	32.35 0.08 -2.11	41.38 0.22 0.00	57.27 0.49 0.00	65.97 0.50 -0.66	41.87 0.42 0.00	34.14 0.40 0.00	37.32 0.48 0.00	35.64 0.39 0.00	36.47 0.23 0.00	31.02 0.11 0.00	34.60 0.25 0.00	56.30 0.23 -19.10	32.32 0.27 -0.21	32.58 0.27 0.00	36.61 0.34 0.00	99.82 1.09 -1.02	55.88 0.49 0.00	49.51 0.42 0.00	53.84 0.55 0.00	46.81 0.36 -1.68
GOUDEY___7 23579	41.69 0.17 -4.10	39.39 0.10 -5.03	35.73 0.07 0.00	33.14 0.02 0.00	32.35 0.08 -2.11	41.38 0.22 0.00	57.27 0.49 0.00	65.97 0.50 -0.66	41.87 0.42 0.00	34.14 0.40 0.00	37.32 0.48 0.00	35.64 0.39 0.00	36.47 0.23 0.00	31.02 0.11 0.00	34.60 0.25 0.00	56.30 0.23 -19.10	32.32 0.27 -0.21	32.58 0.27 0.00	36.61 0.34 0.00	99.82 1.09 -1.02	55.88 0.49 0.00	49.51 0.42 0.00	53.84 0.55 0.00	46.81 0.36 -1.68
GOUDEY___8 23580	41.69 0.17 -4.10	39.39 0.10 -5.03	35.73 0.07 0.00	33.14 0.02 0.00	32.35 0.08 -2.11	41.38 0.22 0.00	57.27 0.49 0.00	65.97 0.50 -0.66	41.87 0.42 0.00	34.14 0.40 0.00	37.32 0.48 0.00	35.64 0.39 0.00	36.47 0.23 0.00	31.02 0.11 0.00	34.60 0.25 0.00	56.30 0.23 -19.10	32.32 0.27 -0.21	32.58 0.27 0.00	36.61 0.34 0.00	99.82 1.09 -1.02	55.88 0.49 0.00	49.51 0.42 0.00	53.84 0.55 0.00	46.81 0.36 -1.68
GOWANUS_GT1_1 24077	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT1_2 24078	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT1_3 24079	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT1_4 24080	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT1_5 24084	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT1_6 24111	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT1_7 24112	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT1_8 24113	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT2_1 24114	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT2_2 24115	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT2_3 24116	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT2_4 24117	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00

GOWANUS_GT2_5 24118	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT2_6 24119	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT2_7 24120	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT2_8 24121	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT3_1 24122	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT3_2 24123	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT3_3 24124	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT3_4 24125	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT3_5 24126	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT3_6 24127	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT3_7 24128	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT3_8 24129	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
GOWANUS_GT4_1 24130	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT4_2 24131	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT4_3 24132	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00

GOWANUS_GT4_4 24133	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT4_5 24134	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT4_6 24135	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT4_7 24136	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GOWANUS_GT4_8 24137	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GREENBSH_115KV_TB3 55895	38.27 0.85 0.00	35.07 0.80 0.00	36.47 0.80 0.00	33.88 0.75 0.00	30.81 0.65 0.00	41.66 0.50 0.00	57.40 0.62 0.00	65.60 0.79 0.00	41.93 0.48 0.00	34.18 0.43 0.00	37.35 0.51 0.00	35.92 0.67 0.00	36.96 0.73 0.00	31.60 0.69 0.00	35.17 0.82 0.00	39.46 1.01 -1.47	33.43 0.94 -0.65	33.28 0.97 0.00	37.29 1.02 0.00	99.78 2.08 0.00	56.40 1.00 0.00	50.10 1.01 0.00	54.46 1.16 0.00	45.86 1.09 0.00
GREENDGE_115KV_TB5 80291	31.75 -0.82 4.85	27.38 -0.93 5.95	34.69 -0.98 0.00	32.15 -0.97 0.00	27.09 -0.58 2.50	40.76 -0.40 0.00	56.23 -0.55 0.00	58.17 -0.34 6.31	41.66 0.21 0.00	33.83 0.09 0.00	36.80 -0.03 0.00	34.89 -0.36 0.00	35.48 -0.76 0.00	30.09 -0.82 0.00	33.39 -0.96 0.00	13.88 -1.57 21.53	30.75 -1.20 -0.11	31.16 -1.16 0.00	35.29 -0.98 0.00	94.51 -2.01 1.19	54.43 -0.97 0.00	48.17 -0.93 0.00	52.37 -0.92 0.00	41.83 -0.99 1.96
GREENIDGE___3 23582	31.75 -0.82 4.85	27.38 -0.93 5.95	34.69 -0.98 0.00	32.15 -0.97 0.00	27.09 -0.58 2.50	40.76 -0.40 0.00	56.23 -0.55 0.00	58.17 -0.34 6.31	41.66 0.21 0.00	33.83 0.09 0.00	36.80 -0.03 0.00	34.89 -0.36 0.00	35.48 -0.76 0.00	30.09 -0.82 0.00	33.39 -0.96 0.00	13.88 -1.57 21.53	30.75 -1.20 -0.11	31.16 -1.16 0.00	35.29 -0.98 0.00	94.51 -2.01 1.19	54.43 -0.97 0.00	48.17 -0.93 0.00	52.37 -0.92 0.00	41.83 -0.99 1.96
GREENIDGE___4 23583	31.75 -0.82 4.85	27.38 -0.93 5.95	34.70 -0.97 0.00	32.15 -0.97 0.00	27.09 -0.58 2.50	40.76 -0.40 0.00	56.22 -0.55 0.00	58.15 -0.35 6.31	41.66 0.21 0.00	33.83 0.08 0.00	36.80 -0.04 0.00	34.89 -0.36 0.00	35.48 -0.76 0.00	30.10 -0.81 0.00	33.38 -0.96 0.00	13.76 -1.69 21.53	30.74 -1.21 -0.11	31.15 -1.16 0.00	35.28 -0.98 0.00	94.52 -2.00 1.19	54.43 -0.96 0.00	48.16 -0.94 0.00	52.38 -0.92 0.00	41.80 -1.01 1.96
GREENLWN_69_KV_BK 3 55738	39.40 1.98 0.00	36.00 1.74 0.00	37.25 1.58 0.00	34.58 1.46 0.00	31.56 1.40 0.00	46.95 1.79 -4.00	63.69 2.44 -4.47	68.51 2.78 -0.92	43.43 1.98 0.00	35.36 1.62 0.00	38.55 1.71 0.00	36.88 1.63 0.00	38.13 1.89 0.00	32.79 1.88 0.00	43.03 2.37 -6.32	56.71 2.73 -17.00	49.86 2.63 -15.39	53.11 2.66 -18.14	42.75 2.73 -3.76	117.16 5.77 -13.68	82.32 3.06 -23.87	64.14 2.94 -12.11	62.04 3.41 -5.34	61.63 2.98 -13.87
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00
GRISSOM___SOLAR 323813	39.03 1.61 0.00	35.71 1.45 0.00	37.15 1.48 0.00	34.48 1.36 0.00	31.42 1.26 0.00	43.09 1.93 0.00	59.95 3.17 0.00	67.07 2.26 0.00	41.55 0.10 0.00	33.54 -0.21 0.00	36.79 -0.05 0.00	35.68 0.43 0.00	36.38 0.14 0.00	30.66 -0.26 0.00	34.55 0.21 0.00	38.49 -0.09 -1.61	32.67 0.13 -0.71	32.72 0.42 0.00	36.86 0.59 0.00	101.75 4.04 0.00	58.20 2.81 0.00	51.63 2.54 0.00	56.15 2.86 0.00	47.06 2.29 0.00
GROVEVILLE___HYD 323602	39.37 1.96 0.00	36.06 1.80 0.00	37.38 1.71 0.00	34.68 1.56 0.00	31.57 1.41 0.00	43.01 1.85 0.00	59.53 2.75 0.00	68.20 3.39 0.00	43.68 2.23 0.00	35.59 1.85 0.00	38.89 2.05 0.00	37.35 2.10 0.00	38.57 2.33 0.00	33.11 2.20 0.00	36.96 2.62 0.00	41.17 2.89 -1.30	35.09 2.67 -0.57	34.98 2.67 0.00	39.16 2.89 0.00	104.73 7.02 0.00	59.09 3.69 0.00	52.41 3.32 0.00	56.91 3.61 0.00	47.71 2.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.55 -0.30 0.57	33.27 -0.30 0.69	35.35 -0.32 0.00	32.80 -0.32 0.00	29.67 -0.20 0.29	40.97 -0.19 0.00	56.59 -0.18 0.00	65.10 0.28 0.00	41.85 0.41 0.00	34.14 0.40 0.00	37.26 0.43 0.00	35.38 0.13 0.00	36.21 -0.02 0.00	30.92 0.01 0.00	34.36 0.01 0.00	33.46 -0.16 3.35	31.72 -0.18 -0.06	32.01 -0.30 0.00	35.88 -0.39 0.00	96.84 -0.73 0.14	54.98 -0.41 0.00	48.72 -0.37 0.00	52.93 -0.37 0.00	44.21 -0.34 0.22
HAMLTNNY_34_KV_TB 80303	36.42 -0.25 0.75	33.08 -0.27 0.92	35.41 -0.26 0.00	32.84 -0.28 0.00	29.62 -0.16 0.39	41.07 -0.09 0.00	56.76 -0.02 0.00	65.55 0.74 0.00	42.30 0.85 0.00	34.50 0.75 0.00	37.61 0.77 0.00	35.47 0.22 0.00	36.32 0.08 0.00	31.04 0.12 0.00	34.46 0.11 0.00	32.38 -0.12 4.47	31.71 -0.20 -0.07	31.95 -0.35 0.00	35.83 -0.43 0.00	96.90 -0.63 0.18	55.10 -0.29 0.00	48.82 -0.27 0.00	53.04 -0.26 0.00	44.20 -0.28 0.30

HAMPSHIRE___PAPER_HYD 323593	35.42 -2.00 0.00	32.53 -1.73 0.00	33.92 -1.75 0.00	31.64 -1.48 0.00	28.79 -1.37 0.00	39.55 -1.60 0.00	54.59 -2.19 0.00	62.10 -2.71 0.00	39.44 -2.01 0.00	31.81 -1.94 0.00	34.36 -2.48 0.00	32.82 -2.43 0.00	33.82 -2.41 0.00	28.92 -2.00 0.00	32.01 -2.34 0.00	34.38 -2.64 -0.04	29.57 -2.29 -0.02	30.14 -2.17 0.00	34.13 -2.14 0.00	93.27 -4.43 0.00	53.50 -1.90 0.00	47.13 -1.96 0.00	50.83 -2.47 0.00	42.66 -2.11 0.00
HARDSCRABBLE_WT_PWR 323673	38.37 0.95 0.00	35.09 0.83 0.00	36.34 0.67 0.00	33.78 0.66 0.00	30.69 0.52 0.00	41.93 0.77 0.00	58.15 1.37 0.00	65.20 0.39 0.00	40.92 -0.53 0.00	33.04 -0.71 0.00	36.27 -0.57 0.00	35.35 0.10 0.00	35.96 -0.28 0.00	30.36 -0.56 0.00	34.33 -0.01 0.00	36.48 -0.49 0.00	31.71 -0.14 0.00	32.62 0.32 0.00	36.80 0.53 0.00	100.54 2.83 0.00	56.98 1.59 0.00	50.80 1.70 0.00	55.60 2.30 0.00	46.67 1.89 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.96 1.54 0.00	35.68 1.42 0.00	36.95 1.28 0.00	34.27 1.15 0.00	31.23 1.07 0.00	42.54 1.38 0.00	58.85 2.08 0.00	67.46 2.65 0.00	43.26 1.82 0.00	35.34 1.59 0.00	38.63 1.79 0.00	37.08 1.83 0.00	38.25 2.01 0.00	32.88 1.97 0.00	36.72 2.38 0.00	42.97 2.73 -3.26	34.89 2.50 -0.55	34.86 2.55 0.00	39.04 2.77 0.00	104.46 6.64 -0.11	58.86 3.47 0.00	52.17 3.07 0.00	56.65 3.35 0.00	47.68 2.72 -0.18
HARSNRAD_115KV_TB1 81005	32.18 -2.27 2.97	28.35 -2.28 3.64	33.35 -2.32 0.00	30.86 -2.26 0.00	27.19 -1.44 1.53	39.42 -1.74 0.00	53.59 -3.19 0.00	58.87 -3.47 2.46	39.51 -1.94 0.00	31.89 -1.86 0.00	34.73 -2.11 0.00	32.99 -2.26 0.00	33.81 -2.43 0.00	28.85 -2.06 0.00	32.10 -2.25 0.00	21.14 -2.68 13.16	29.15 -2.77 -0.08	29.34 -2.97 0.00	33.08 -3.19 0.00	88.81 -8.17 0.73	50.82 -4.57 0.00	44.89 -4.20 0.00	49.29 -4.00 0.00	39.97 -3.61 1.20
HARZA MOOSE___RIVER 24016	36.76 -0.66 0.00	33.76 -0.50 0.00	35.13 -0.54 0.00	32.74 -0.38 0.00	29.90 -0.25 0.00	41.08 -0.08 0.00	56.82 0.04 0.00	64.60 -0.21 0.00	40.93 -0.52 0.00	33.09 -0.66 0.00	35.81 -1.03 0.00	34.33 -0.92 0.00	35.17 -1.07 0.00	30.06 -0.85 0.00	33.30 -1.04 0.00	35.70 -1.33 -0.06	30.74 -1.13 -0.03	31.37 -0.94 0.00	35.65 -0.62 0.00	97.30 -0.41 0.00	55.62 0.22 0.00	49.07 -0.02 0.00	53.01 -0.28 0.00	44.39 -0.39 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.91 -0.51 0.00	33.77 -0.49 0.00	35.13 -0.54 0.00	32.61 -0.51 0.00	29.78 -0.38 0.00	40.72 -0.44 0.00	56.20 -0.57 0.00	64.30 -0.51 0.00	41.20 -0.25 0.00	33.61 -0.14 0.00	36.73 -0.11 0.00	35.04 -0.21 0.00	35.89 -0.35 0.00	30.65 -0.26 0.00	34.06 -0.29 0.00	36.70 -0.41 -0.14	31.52 -0.38 -0.06	31.83 -0.48 0.00	35.68 -0.59 0.00	96.29 -1.42 0.00	54.59 -0.81 0.00	48.39 -0.70 0.00	52.57 -0.73 0.00	44.15 -0.63 0.00
HELLGATE_13_KV_LD 55870	39.24 1.82 0.00	35.94 1.68 0.00	37.13 1.46 0.00	34.49 1.37 0.00	31.47 1.31 0.00	42.70 1.54 0.00	59.10 2.33 0.00	68.03 3.22 0.00	43.87 2.43 0.00	35.92 2.17 0.00	39.24 2.40 0.00	37.53 2.28 0.00	38.74 2.51 0.00	33.38 2.46 0.00	37.20 2.85 0.00	43.42 3.30 -3.14	35.42 3.01 -0.57	35.28 2.97 0.00	39.35 3.09 0.00	104.95 7.24 0.00	59.13 3.73 0.00	52.44 3.35 0.00	57.01 3.72 0.00	47.89 3.11 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.24 1.82 0.00	35.94 1.68 0.00	37.13 1.46 0.00	34.49 1.37 0.00	31.47 1.31 0.00	42.70 1.54 0.00	59.10 2.33 0.00	68.03 3.22 0.00	43.87 2.43 0.00	35.92 2.17 0.00	39.24 2.40 0.00	37.53 2.28 0.00	38.74 2.51 0.00	33.38 2.46 0.00	37.20 2.85 0.00	43.42 3.30 -3.14	35.42 3.01 -0.57	35.28 2.97 0.00	39.35 3.09 0.00	104.95 7.24 0.00	59.13 3.73 0.00	52.44 3.35 0.00	57.01 3.72 0.00	47.89 3.11 0.00
HEMPSTEAD____ 23647	39.55 2.13 0.00	36.16 1.90 0.00	37.40 1.73 0.00	34.71 1.59 0.00	31.68 1.52 0.00	48.70 1.96 -5.58	65.82 2.81 -6.24	69.50 3.41 -1.28	43.87 2.42 0.00	35.76 2.02 0.00	39.00 2.17 0.00	37.34 2.09 0.00	38.59 2.35 0.00	33.16 2.25 0.00	45.96 2.80 -8.81	62.69 3.26 -22.45	56.06 2.99 -21.22	60.60 3.00 -25.29	44.66 3.15 -5.23	124.02 7.24 -19.07	92.50 3.83 -33.27	69.52 3.55 -16.89	64.71 3.97 -7.44	67.45 3.34 -19.33
HICKLING___1 23621	28.38 -1.07 7.97	23.24 -1.25 9.77	34.32 -1.35 0.00	31.76 -1.36 0.00	25.14 -0.93 4.10	40.37 -0.79 0.00	55.87 -0.91 0.00	57.03 -0.97 6.81	41.28 -0.17 0.00	33.47 -0.28 0.00	36.66 -0.18 0.00	35.01 -0.24 0.00	35.69 -0.55 0.00	30.08 -0.84 0.00	33.60 -0.74 0.00	0.15 -1.67 35.16	31.06 -0.92 -0.13	31.45 -0.86 0.00	35.50 -0.77 0.00	94.33 -1.43 1.95	54.21 -1.19 0.00	47.84 -1.25 0.00	52.22 -1.08 0.00	40.24 -1.32 3.22
HICKLING___2 23622	28.38 -1.07 7.97	23.24 -1.25 9.77	34.32 -1.35 0.00	31.76 -1.36 0.00	25.14 -0.93 4.10	40.37 -0.79 0.00	55.87 -0.91 0.00	57.03 -0.97 6.81	41.28 -0.17 0.00	33.47 -0.28 0.00	36.66 -0.18 0.00	35.01 -0.24 0.00	35.69 -0.55 0.00	30.08 -0.84 0.00	33.60 -0.74 0.00	0.15 -1.67 35.16	31.06 -0.92 -0.13	31.45 -0.86 0.00	35.50 -0.77 0.00	94.33 -1.43 1.95	54.21 -1.19 0.00	47.84 -1.25 0.00	52.22 -1.08 0.00	40.24 -1.32 3.22
HIGH FALLS___HY 23754	39.34 1.92 0.00	36.02 1.76 0.00	37.35 1.68 0.00	34.64 1.52 0.00	31.54 1.38 0.00	43.07 1.91 0.00	59.65 2.87 0.00	68.29 3.48 0.00	43.65 2.20 0.00	35.53 1.79 0.00	38.77 1.93 0.00	37.26 2.01 0.00	38.36 2.12 0.00	32.69 1.78 0.00	36.50 2.16 0.00	42.55 2.40 -3.18	34.60 2.19 -0.57	34.58 2.27 0.00	38.88 2.61 0.00	104.37 6.56 -0.10	59.19 3.79 0.00	52.50 3.41 0.00	57.00 3.71 0.00	47.94 2.99 -0.17
HIGH_RIVER___SOLAR 323847	38.60 1.18 0.00	35.34 1.08 0.00	36.77 1.10 0.00	34.15 1.03 0.00	31.11 0.95 0.00	42.52 1.37 0.00	58.91 2.13 0.00	66.68 1.87 0.00	41.87 0.42 0.00	33.82 0.07 0.00	36.92 0.08 0.00	35.63 0.38 0.00	36.56 0.32 0.00	30.97 0.06 0.00	34.58 0.24 0.00	39.03 0.50 -1.56	32.83 0.29 -0.69	32.98 0.68 0.00	37.20 0.94 0.00	101.00 3.29 0.00	57.44 2.05 0.00	50.99 1.90 0.00	55.43 2.13 0.00	46.51 1.74 0.00
HILLBURN___GT 23639	38.93 1.52 0.00	35.67 1.41 0.00	36.90 1.24 0.00	34.24 1.12 0.00	31.20 1.04 0.00	42.49 1.33 0.00	58.79 2.01 0.00	67.45 2.64 0.00	43.30 1.85 0.00	35.40 1.65 0.00	38.68 1.85 0.00	37.07 1.82 0.00	38.24 2.00 0.00	32.88 1.97 0.00	36.71 2.37 0.00	42.96 2.76 -3.23	34.92 2.52 -0.55	34.83 2.53 0.00	38.96 2.70 0.00	104.24 6.43 -0.11	58.71 3.31 0.00	52.05 2.96 0.00	56.54 3.25 0.00	47.59 2.64 -0.17
HILLSIDE_115KV_TB1 80332	26.83 -1.46 9.13	21.42 -1.64 11.20	33.94 -1.73 0.00	31.36 -1.76 0.00	24.12 -1.34 4.70	39.77 -1.39 0.00	55.00 -1.78 0.00	56.06 -2.00 6.75	40.59 -0.86 0.00	32.95 -0.79 0.00	36.19 -0.64 0.00	34.63 -0.62 0.00	35.43 -0.81 0.00	29.85 -1.07 0.00	33.42 -0.93 0.00	-5.27 -1.95 40.29	30.90 -1.08 -0.14	31.35 -0.96 0.00	35.30 -0.97 0.00	93.11 -2.35 2.24	53.53 -1.86 0.00	47.23 -1.86 0.00	51.56 -1.74 0.00	39.23 -1.85 3.69

HISHELDN_WT_PWR 323625	31.41 -1.98 4.02	27.29 -2.04 4.93	33.63 -2.04 0.00	31.11 -2.01 0.00	26.75 -1.34 2.07	39.80 -1.36 0.00	54.50 -2.28 0.00	58.89 -2.48 3.45	40.21 -1.24 0.00	32.49 -1.25 0.00	35.37 -1.46 0.00	33.69 -1.56 0.00	34.35 -1.89 0.00	29.19 -1.72 0.00	32.43 -1.92 0.00	16.54 -2.66 17.78	29.53 -2.40 0.00	29.71 -2.60 0.00	33.62 -2.64 0.00	90.63 -6.09 0.99	52.09 -3.30 0.00	46.03 -3.06 0.00	50.40 -2.90 0.00	40.37 -2.78 1.62
HOLTSVILLE_IC_1 23690	39.62 2.21 0.00	36.16 1.90 0.00	37.43 1.76 0.00	34.75 1.63 0.00	31.73 1.57 0.00	47.11 2.03 -3.92	64.06 2.89 -4.38	69.09 3.38 -0.90	43.83 2.38 0.00	35.60 1.85 0.00	38.76 1.92 0.00	37.03 1.78 0.00	38.26 2.02 0.00	32.88 1.97 0.00	43.13 2.59 -6.19	56.58 2.89 -16.72	49.70 2.76 -15.09	52.96 2.87 -17.78	43.03 3.08 -3.68	117.86 6.74 -13.41	82.41 3.62 -23.40	64.31 3.34 -11.87	62.38 3.85 -5.23	61.67 3.30 -13.59
HOLTSVILLE_IC_10 23699	39.78 2.36 0.00	36.31 2.05 0.00	37.57 1.91 0.00	34.89 1.77 0.00	31.86 1.70 0.00	47.32 2.21 -3.95	64.37 3.18 -4.41	69.40 3.68 -0.90	44.01 2.56 0.00	35.72 1.97 0.00	38.87 2.03 0.00	37.12 1.87 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.30 2.73 -6.23	56.81 3.03 -16.80	49.91 2.89 -15.18	53.22 3.02 -17.89	43.25 3.28 -3.70	118.52 7.32 -13.49	82.88 3.95 -23.53	64.66 3.63 -11.94	62.70 4.14 -5.26	61.96 3.51 -13.67
HOLTSVILLE_IC_2 23691	39.62 2.21 0.00	36.16 1.90 0.00	37.43 1.76 0.00	34.75 1.63 0.00	31.73 1.57 0.00	47.11 2.03 -3.92	64.06 2.89 -4.38	69.09 3.38 -0.90	43.83 2.38 0.00	35.60 1.85 0.00	38.76 1.92 0.00	37.03 1.78 0.00	38.26 2.02 0.00	32.88 1.97 0.00	43.13 2.59 -6.19	56.58 2.89 -16.72	49.70 2.76 -15.09	52.96 2.87 -17.78	43.03 3.08 -3.68	117.86 6.74 -13.41	82.41 3.62 -23.40	64.31 3.34 -11.87	62.38 3.85 -5.23	61.67 3.30 -13.59
HOLTSVILLE_IC_3 23692	39.62 2.21 0.00	36.16 1.90 0.00	37.43 1.76 0.00	34.75 1.63 0.00	31.73 1.57 0.00	47.11 2.03 -3.92	64.06 2.89 -4.38	69.09 3.38 -0.90	43.83 2.38 0.00	35.60 1.85 0.00	38.76 1.92 0.00	37.03 1.78 0.00	38.26 2.02 0.00	32.88 1.97 0.00	43.13 2.59 -6.19	56.58 2.89 -16.72	49.70 2.76 -15.09	52.96 2.87 -17.78	43.03 3.08 -3.68	117.86 6.74 -13.41	82.41 3.62 -23.40	64.31 3.34 -11.87	62.38 3.85 -5.23	61.67 3.30 -13.59
HOLTSVILLE_IC_4 23693	39.62 2.21 0.00	36.16 1.90 0.00	37.43 1.76 0.00	34.75 1.63 0.00	31.73 1.57 0.00	47.11 2.03 -3.92	64.06 2.89 -4.38	69.09 3.38 -0.90	43.83 2.38 0.00	35.60 1.85 0.00	38.76 1.92 0.00	37.03 1.78 0.00	38.26 2.02 0.00	32.88 1.97 0.00	43.13 2.59 -6.19	56.58 2.89 -16.72	49.70 2.76 -15.09	52.96 2.87 -17.78	43.03 3.08 -3.68	117.86 6.74 -13.41	82.41 3.62 -23.40	64.31 3.34 -11.87	62.38 3.85 -5.23	61.67 3.30 -13.59
HOLTSVILLE_IC_5 23694	39.62 2.21 0.00	36.16 1.90 0.00	37.43 1.76 0.00	34.75 1.63 0.00	31.73 1.57 0.00	47.11 2.03 -3.92	64.06 2.89 -4.38	69.09 3.38 -0.90	43.83 2.38 0.00	35.60 1.85 0.00	38.76 1.92 0.00	37.03 1.78 0.00	38.26 2.02 0.00	32.88 1.97 0.00	43.13 2.59 -6.19	56.58 2.89 -16.72	49.70 2.76 -15.09	52.96 2.87 -17.78	43.03 3.08 -3.68	117.86 6.74 -13.41	82.41 3.62 -23.40	64.31 3.34 -11.87	62.38 3.85 -5.23	61.67 3.30 -13.59
HOLTSVILLE_IC_6 23695	39.78 2.36 0.00	36.31 2.05 0.00	37.57 1.91 0.00	34.89 1.77 0.00	31.86 1.70 0.00	47.32 2.21 -3.95	64.37 3.18 -4.41	69.40 3.68 -0.90	44.01 2.56 0.00	35.72 1.97 0.00	38.87 2.03 0.00	37.12 1.87 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.30 2.73 -6.23	56.81 3.03 -16.80	49.91 2.89 -15.18	53.22 3.02 -17.89	43.25 3.28 -3.70	118.52 7.32 -13.49	82.88 3.95 -23.53	64.66 3.63 -11.94	62.70 4.14 -5.26	61.96 3.51 -13.67
HOLTSVILLE_IC_7 23696	39.78 2.36 0.00	36.31 2.05 0.00	37.57 1.91 0.00	34.89 1.77 0.00	31.86 1.70 0.00	47.32 2.21 -3.95	64.37 3.18 -4.41	69.40 3.68 -0.90	44.01 2.56 0.00	35.72 1.97 0.00	38.87 2.03 0.00	37.12 1.87 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.30 2.73 -6.23	56.81 3.03 -16.80	49.91 2.89 -15.18	53.22 3.02 -17.89	43.25 3.28 -3.70	118.52 7.32 -13.49	82.88 3.95 -23.53	64.66 3.63 -11.94	62.70 4.14 -5.26	61.96 3.51 -13.67
HOLTSVILLE_IC_8 23697	39.78 2.36 0.00	36.31 2.05 0.00	37.57 1.91 0.00	34.89 1.77 0.00	31.86 1.70 0.00	47.32 2.21 -3.95	64.37 3.18 -4.41	69.40 3.68 -0.90	44.01 2.56 0.00	35.72 1.97 0.00	38.87 2.03 0.00	37.12 1.87 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.30 2.73 -6.23	56.81 3.03 -16.80	49.91 2.89 -15.18	53.22 3.02 -17.89	43.25 3.28 -3.70	118.52 7.32 -13.49	82.88 3.95 -23.53	64.66 3.63 -11.94	62.70 4.14 -5.26	61.96 3.51 -13.67
HOLTSVILLE_IC_9 23698	39.78 2.36 0.00	36.31 2.05 0.00	37.57 1.91 0.00	34.89 1.77 0.00	31.86 1.70 0.00	47.32 2.21 -3.95	64.37 3.18 -4.41	69.40 3.68 -0.90	44.01 2.56 0.00	35.72 1.97 0.00	38.87 2.03 0.00	37.12 1.87 0.00	38.37 2.13 0.00	32.98 2.07 0.00	43.30 2.73 -6.23	56.81 3.03 -16.80	49.91 2.89 -15.18	53.22 3.02 -17.89	43.25 3.28 -3.70	118.52 7.32 -13.49	82.88 3.95 -23.53	64.66 3.63 -11.94	62.70 4.14 -5.26	61.96 3.51 -13.67
HOMER_HL_115KV_TB2 355744	31.90 -1.31 4.21	27.59 -1.51 5.16	34.05 -1.62 0.00	31.47 -1.65 0.00	26.93 -1.06 2.16	40.02 -1.14 0.00	54.94 -1.84 0.00	59.26 -1.92 3.63	40.59 -0.86 0.00	33.05 -0.69 0.00	36.05 -0.79 0.00	34.39 -0.86 0.00	35.18 -1.06 0.00	29.94 -0.98 0.00	33.38 -0.96 0.00	16.73 -1.67 18.58	30.38 -1.56 -0.09	30.69 -1.62 0.00	34.58 -1.69 0.00	92.78 -3.90 1.03	52.96 -2.44 0.00	46.65 -2.44 0.00	50.94 -2.35 0.00	40.74 -2.34 1.70
HOWARD_WT_PWR 323690	30.60 -1.51 5.30	26.12 -1.64 6.50	33.93 -1.74 0.00	31.53 -1.59 0.00	26.42 -1.01 2.73	40.56 -0.60 0.00	56.42 -0.36 0.00	58.38 -0.35 6.08	41.59 0.15 0.00	33.54 -0.21 0.00	36.49 -0.35 0.00	34.75 -0.50 0.00	35.16 -1.08 0.00	29.64 -1.27 0.00	32.87 -1.47 0.00	11.20 -2.36 23.42	30.14 -1.81 -0.11	30.48 -1.83 0.00	34.74 -1.53 0.00	94.16 -2.25 1.30	54.29 -1.10 0.00	48.04 -1.06 0.00	52.44 -0.86 0.00	41.47 -1.17 2.14
HQ_GEN_CEDARS 23644	37.12 -0.29 0.00	33.97 -0.29 0.00	35.47 -0.20 0.00	32.99 -0.13 0.00	29.95 -0.21 0.00	40.99 -0.17 0.00	56.40 -0.38 0.00	64.31 -0.50 0.00	41.17 -0.28 0.00	33.32 -0.43 0.00	36.20 -0.64 0.00	34.54 -0.71 0.00	35.61 -0.62 0.00	30.43 -0.48 0.00	33.80 -0.54 0.00	36.29 -0.68 0.00	31.22 -0.62 0.00	31.71 -0.60 0.00	35.68 -0.59 0.00	96.85 -0.86 0.00	55.25 -0.14 0.00	48.69 -0.40 0.00	52.60 -0.70 0.00	44.20 -0.58 0.00
HQ_GEN_CEDARS_PROXY 323590	37.12 -0.29 0.00	33.97 -0.29 0.00	35.48 -0.20 0.00	32.99 -0.13 0.00	28.26 -0.21 1.69	40.99 -0.17 0.00	56.40 -0.38 0.00	64.31 -0.50 0.00	41.17 -0.28 0.00	32.05 -0.43 1.27	15.53 -0.64 20.67	34.59 -0.71 -0.05	30.93 -0.63 4.68	30.43 -0.48 0.00	33.80 -0.54 0.00	36.30 -0.67 0.00	39.75 -0.62 -8.53	31.71 -0.60 0.00	35.68 -0.59 0.00	103.58 -0.85 -6.72	51.67 -0.14 3.58	32.80 -0.40 15.90	38.08 -0.70 14.52	29.88 -0.56 14.33

HQ_GEN_CHPE_PROXY 323851	39.01 1.59 0.00	35.74 1.48 0.00	36.94 1.27 0.00	34.31 1.19 0.00	31.30 1.13 0.00	42.93 1.34 -0.43	58.83 2.05 0.00	67.70 2.89 0.00	43.61 2.16 0.00	34.73 1.94 0.96	30.50 2.17 8.51	37.41 2.10 -0.06	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.69 0.00	43.22 3.10 -3.14	35.25 2.84 -0.57	35.13 2.82 0.00	39.21 2.95 0.00	107.98 6.85 -3.41	71.83 3.52 -12.91	65.44 3.17 -13.18	70.87 3.54 -14.03	47.74 2.96 0.00
HQ_GEN_IMPORT 323601	37.37 -0.05 0.00	34.20 -0.06 0.00	35.65 -0.03 0.00	33.11 -0.01 0.00	30.12 -0.04 0.00	41.57 -0.02 -0.43	56.72 -0.06 0.00	64.73 -0.08 0.00	41.41 -0.04 0.00	32.71 -0.08 0.96	28.19 -0.14 8.51	35.13 -0.18 -0.06	36.08 -0.16 0.00	30.79 -0.12 0.00	34.21 -0.13 0.00	36.82 -0.15 0.00	31.70 -0.14 0.00	32.16 -0.15 0.00	36.16 -0.11 0.00	97.64 -0.07 0.00	55.46 0.06 0.00	49.04 -0.05 0.00	67.18 -0.15 -14.03	44.64 -0.14 0.00
HQ_GEN_WHEEL 23651	37.37 -0.05 0.00	34.20 -0.06 0.00	35.65 -0.03 0.00	33.11 -0.01 0.00	30.12 -0.04 0.00	41.57 -0.02 -0.43	56.72 -0.06 0.00	64.73 -0.08 0.00	41.41 -0.04 0.00	32.71 -0.08 0.96	28.19 -0.14 8.51	35.13 -0.18 -0.06	36.08 -0.16 0.00	30.79 -0.12 0.00	34.21 -0.13 0.00	36.82 -0.15 0.00	31.70 -0.14 0.00	32.16 -0.15 0.00	36.16 -0.11 0.00	97.64 -0.07 0.00	55.46 0.06 0.00	49.04 -0.05 0.00	67.18 -0.15 -14.03	44.64 -0.14 0.00
HUDSON_AVE_GT_3 23810	39.11 1.70 0.00	35.82 1.55 0.00	37.02 1.35 0.00	34.38 1.26 0.00	31.36 1.20 0.00	42.60 1.44 0.00	58.98 2.20 0.00	67.87 3.07 0.00	43.71 2.27 0.00	35.78 2.03 0.00	39.10 2.26 0.00	37.45 2.20 0.00	38.61 2.37 0.00	33.23 2.32 0.00	37.13 2.78 0.00	43.29 3.17 -3.14	35.34 2.93 -0.57	35.22 2.91 0.00	39.31 3.04 0.00	104.82 7.11 0.00	59.06 3.66 0.00	52.39 3.30 0.00	56.95 3.66 0.00	47.82 3.04 0.00
HUDSON_AVE_GT_4 23540	39.11 1.70 0.00	35.82 1.55 0.00	37.02 1.35 0.00	34.38 1.26 0.00	31.36 1.20 0.00	42.60 1.44 0.00	58.98 2.20 0.00	67.87 3.07 0.00	43.71 2.27 0.00	35.78 2.03 0.00	39.10 2.26 0.00	37.45 2.20 0.00	38.61 2.37 0.00	33.23 2.32 0.00	37.13 2.78 0.00	43.29 3.17 -3.14	35.34 2.93 -0.57	35.22 2.91 0.00	39.31 3.04 0.00	104.82 7.11 0.00	59.06 3.66 0.00	52.39 3.30 0.00	56.95 3.66 0.00	47.82 3.04 0.00
HUDSON_AVE_GT_5 23657	39.11 1.70 0.00	35.82 1.55 0.00	37.02 1.35 0.00	34.38 1.26 0.00	31.36 1.20 0.00	42.60 1.44 0.00	58.98 2.20 0.00	67.87 3.07 0.00	43.71 2.27 0.00	35.78 2.03 0.00	39.10 2.26 0.00	37.45 2.20 0.00	38.61 2.37 0.00	33.23 2.32 0.00	37.13 2.78 0.00	43.29 3.17 -3.14	35.34 2.93 -0.57	35.22 2.91 0.00	39.31 3.04 0.00	104.82 7.11 0.00	59.06 3.66 0.00	52.39 3.30 0.00	56.95 3.66 0.00	47.82 3.04 0.00
HUDSON_AVE_10 24168	38.91 1.50 0.00	35.69 1.42 0.00	13.67 1.17 23.17	34.21 1.09 0.00	31.21 1.04 0.00	33.95 1.23 8.43	-194.01 1.87 252.66	67.59 2.78 0.00	43.51 2.06 0.01	35.58 1.83 0.00	38.90 2.06 0.00	37.25 2.00 0.00	23.64 2.15 14.75	16.21 2.15 16.84	36.95 2.61 0.00	43.09 2.97 -3.14	35.15 2.75 -0.57	35.02 2.72 0.01	39.09 2.83 0.01	104.25 6.54 0.01	58.74 3.35 0.01	52.10 3.01 0.01	56.65 3.36 0.01	-104.03 2.79 151.61
HUDSON___115KV_TB 4 355613	38.87 1.45 0.00	35.61 1.35 0.00	37.05 1.38 0.00	34.42 1.30 0.00	31.31 1.15 0.00	42.45 1.29 0.00	58.60 1.82 0.00	66.81 2.00 0.00	42.45 1.00 0.00	34.40 0.65 0.00	37.54 0.71 0.00	36.21 0.95 0.00	37.51 1.28 0.00	32.01 1.10 0.00	35.57 1.22 0.00	39.66 1.24 -1.45	33.70 1.22 -0.64	33.56 1.25 0.00	37.69 1.42 0.00	101.69 3.98 0.00	57.64 2.25 0.00	51.20 2.11 0.00	55.61 2.31 0.00	46.75 1.97 0.00
HUNTER MOUNT___DRP 323613	39.01 1.59 0.00	35.73 1.47 0.00	37.18 1.51 0.00	34.53 1.41 0.00	31.42 1.26 0.00	42.63 1.47 0.00	58.88 2.10 0.00	67.19 2.38 0.00	42.63 1.18 0.00	34.52 0.77 0.00	37.67 0.83 0.00	36.37 1.12 0.00	37.65 1.42 0.00	32.13 1.22 0.00	35.67 1.33 0.00	39.72 1.31 -1.43	33.84 1.37 -0.63	33.69 1.38 0.00	37.86 1.60 0.00	102.18 4.48 0.00	57.93 2.54 0.00	51.45 2.36 0.00	55.86 2.56 0.00	46.93 2.15 0.00
HUNTINGTON_RES_REC 323705	39.27 1.85 0.00	35.88 1.62 0.00	37.11 1.44 0.00	34.45 1.33 0.00	31.44 1.27 0.00	46.76 1.63 -3.97	63.41 2.20 -4.43	68.23 2.51 -0.91	43.25 1.81 0.00	35.20 1.45 0.00	38.35 1.51 0.00	36.68 1.43 0.00	37.92 1.68 0.00	32.61 1.70 0.00	42.80 2.19 -6.26	56.39 2.55 -16.87	49.56 2.46 -15.25	52.78 2.50 -17.97	42.54 2.55 -3.72	116.62 5.35 -13.55	81.85 2.81 -23.65	63.80 2.70 -12.00	61.76 3.18 -5.29	61.32 2.80 -13.74
HUNTLEY___63 23557	32.35 -1.92 3.15	28.41 -1.98 3.87	33.64 -2.03 0.00	31.12 -2.00 0.00	27.33 -1.21 1.62	39.76 -1.40 0.00	54.05 -2.73 0.00	59.17 -3.02 2.62	39.81 -1.63 0.00	32.15 -1.59 0.00	35.13 -1.71 0.00	33.44 -1.81 0.00	34.23 -2.01 0.00	29.21 -1.70 0.00	32.49 -1.85 0.00	20.71 -2.30 13.97	29.52 -2.40 -0.08	29.72 -2.40 0.00	33.43 -2.83 0.00	89.63 -7.31 0.77	51.25 -4.14 0.00	45.28 -3.81 0.00	49.70 -3.60 0.00	40.31 -3.20 1.27
HUNTLEY___64 23558	32.35 -1.92 3.15	28.41 -1.98 3.87	33.64 -2.03 0.00	31.12 -2.00 0.00	27.33 -1.21 1.62	39.76 -1.40 0.00	54.05 -2.73 0.00	59.17 -3.02 2.62	39.81 -1.63 0.00	32.15 -1.59 0.00	35.13 -1.71 0.00	33.44 -1.81 0.00	34.23 -2.01 0.00	29.21 -1.70 0.00	32.49 -1.85 0.00	20.71 -2.30 13.97	29.52 -2.40 -0.08	29.72 -2.40 0.00	33.43 -2.83 0.00	89.63 -7.31 0.77	51.25 -4.14 0.00	45.28 -3.81 0.00	49.70 -3.60 0.00	40.31 -3.20 1.27
HUNTLEY___65 23559	32.35 -1.92 3.15	28.41 -1.98 3.87	33.64 -2.03 0.00	31.12 -2.00 0.00	27.33 -1.21 1.62	39.76 -1.40 0.00	54.05 -2.73 0.00	59.17 -3.02 2.62	39.81 -1.63 0.00	32.15 -1.59 0.00	35.13 -1.71 0.00	33.44 -1.81 0.00	34.23 -2.01 0.00	29.21 -1.70 0.00	32.49 -1.85 0.00	20.71 -2.30 13.97	29.52 -2.40 -0.08	29.72 -2.40 0.00	33.43 -2.83 0.00	89.63 -7.31 0.77	51.25 -4.14 0.00	45.28 -3.81 0.00	49.70 -3.60 0.00	40.31 -3.20 1.27
HUNTLEY___66 23560	32.35 -1.92 3.15	28.41 -1.98 3.87	33.64 -2.03 0.00	31.12 -2.00 0.00	27.33 -1.21 1.62	39.76 -1.40 0.00	54.05 -2.73 0.00	59.17 -3.02 2.62	39.81 -1.63 0.00	32.15 -1.59 0.00	35.13 -1.71 0.00	33.44 -1.81 0.00	34.23 -2.01 0.00	29.21 -1.70 0.00	32.49 -1.85 0.00	20.71 -2.30 13.97	29.52 -2.40 -0.08	29.72 -2.40 0.00	33.43 -2.83 0.00	89.63 -7.31 0.77	51.25 -4.14 0.00	45.28 -3.81 0.00	49.70 -3.60 0.00	40.31 -3.20 1.27
HUNTLEY___67 23561	31.97 -2.18 3.27	28.05 -2.21 4.01	33.43 -2.24 0.00	30.93 -2.19 0.00	27.06 -1.42 1.68	39.51 -1.65 0.00	53.79 -2.99 0.00	58.82 -3.28 2.72	39.67 -1.78 0.00	32.05 -1.69 0.00	34.99 -1.85 0.00	33.29 -1.96 0.00	34.11 -2.13 0.00	29.09 -1.82 0.00	32.37 -1.98 0.00	20.01 -2.51 14.46	29.43 -2.50 -0.08	29.63 -2.68 0.00	33.37 -2.90 0.00	89.44 -7.47 0.80	51.14 -4.25 0.00	45.17 -3.92 0.00	49.51 -3.79 0.00	40.01 -3.44 1.32

HUNTLEY___68 23562	31.97 -2.18 3.27	28.05 -2.21 4.01	33.43 -2.24 0.00	30.93 -2.19 0.00	27.06 -1.42 1.68	39.51 -1.65 0.00	53.79 -2.99 0.00	58.82 -3.28 2.72	39.67 -1.78 0.00	32.05 -1.69 0.00	34.99 -1.85 0.00	33.29 -1.96 0.00	34.11 -2.13 0.00	29.09 -1.82 0.00	32.37 -1.98 0.00	20.01 -2.51 14.46	29.43 -2.50 -0.08	29.63 -2.68 0.00	33.37 -2.90 0.00	89.44 -7.47 0.80	51.14 -4.25 0.00	45.17 -3.92 0.00	49.51 -3.79 0.00	40.01 -3.44 1.32
HYLAND___LFGE 323620	33.91 0.38 3.89	29.58 0.09 4.77	35.77 0.10 0.00	33.17 0.05 0.00	28.66 0.50 2.00	42.39 1.23 0.00	58.66 1.88 0.00	63.68 2.55 3.69	43.02 1.57 0.00	34.61 0.86 0.00	36.96 0.13 0.00	35.10 -0.15 0.00	35.63 -0.61 0.00	30.18 -0.74 0.00	33.48 -0.86 0.00	18.31 -1.45 17.21	30.86 -1.08 -0.09	30.99 -1.32 0.00	35.13 -1.14 0.00	96.76 0.00 0.95	56.24 0.84 0.00	49.80 0.71 0.00	54.26 0.96 0.00	43.54 0.33 1.57
INDECK___CORINTH 23802	39.28 1.86 0.00	35.98 1.72 0.00	37.39 1.72 0.00	34.77 1.65 0.00	31.57 1.41 0.00	42.99 1.83 0.00	59.86 3.08 0.00	68.05 3.24 0.00	43.08 1.63 0.00	34.82 1.07 0.00	37.92 1.08 0.00	36.80 1.55 0.00	37.67 1.43 0.00	32.10 1.18 0.00	35.63 1.28 0.00	40.15 1.66 -1.52	34.05 1.54 -0.67	33.90 1.59 0.00	38.17 1.90 0.00	103.22 5.51 0.00	58.13 2.74 0.00	51.73 2.64 0.00	56.15 2.86 0.00	47.05 2.28 0.00
INDECK___ILION 23567	38.59 1.17 0.00	35.29 1.03 0.00	36.55 0.88 0.00	33.98 0.86 0.00	30.88 0.72 0.00	42.07 0.91 0.00	58.36 1.59 0.00	65.17 0.36 0.00	40.67 -0.78 0.00	32.74 -1.01 0.00	36.07 -0.77 0.00	35.38 0.13 0.00	35.97 -0.27 0.00	30.19 -0.72 0.00	34.34 -0.01 0.00	36.44 -0.54 0.00	31.78 -0.06 0.00	32.79 0.48 0.00	36.95 0.68 0.00	101.07 3.36 0.00	57.22 1.83 0.00	51.05 1.96 0.00	55.97 2.68 0.00	46.98 2.21 0.00
INDECK___OLEAN 23982	31.90 -1.31 4.21	27.58 -1.53 5.16	34.05 -1.62 0.00	31.47 -1.66 0.00	26.93 -1.07 2.16	40.03 -1.14 0.00	54.94 -1.84 0.00	59.25 -1.94 3.63	40.59 -0.86 0.00	33.05 -0.70 0.00	36.05 -0.79 0.00	34.39 -0.86 0.00	35.17 -1.06 0.00	29.95 -0.96 0.00	33.38 -0.96 0.00	16.61 -1.79 18.58	30.38 -1.56 -0.09	30.69 -1.62 0.00	34.58 -1.69 0.00	92.76 -3.92 1.03	52.96 -2.43 0.00	46.65 -2.45 0.00	50.96 -2.34 0.00	40.72 -2.36 1.70
INDECK___OSWEGO 23783	36.37 -1.05 0.00	33.32 -0.94 0.00	34.67 -1.00 0.00	32.19 -0.93 0.00	29.38 -0.78 0.00	40.15 -1.01 0.00	55.39 -1.39 0.00	63.13 -1.69 0.00	40.32 -1.13 0.00	32.87 -0.88 0.00	35.92 -0.92 0.00	34.28 -0.97 0.00	35.17 -1.07 0.00	30.02 -0.90 0.00	33.35 -1.00 0.00	35.94 -1.13 -0.10	30.89 -0.99 -0.04	31.31 -0.99 0.00	35.09 -1.18 0.00	94.70 -3.01 0.00	53.77 -1.63 0.00	47.68 -1.42 0.00	51.80 -1.49 0.00	43.55 -1.23 0.00
INDECK___YERKES 23781	32.39 -1.88 3.15	28.44 -1.95 3.87	33.68 -2.00 0.00	31.14 -1.98 0.00	27.35 -1.19 1.62	39.80 -1.36 0.00	54.10 -2.68 0.00	59.20 -2.99 2.62	39.85 -1.60 0.00	32.18 -1.57 0.00	35.16 -1.68 0.00	33.47 -1.78 0.00	34.26 -1.98 0.00	29.25 -1.66 0.00	32.52 -1.82 0.00	20.66 -2.35 13.97	29.56 -2.37 -0.08	29.74 -2.56 0.00	33.46 -2.80 0.00	89.72 -7.21 0.77	51.33 -4.07 0.00	45.33 -3.76 0.00	49.77 -3.53 0.00	40.33 -3.17 1.27
INDIAN POINT_GT_1 24139	38.90 1.48 0.00	35.63 1.37 0.00	36.88 1.21 0.00	34.23 1.11 0.00	31.18 1.02 0.00	42.44 1.28 0.00	58.71 1.94 0.00	67.36 2.55 0.00	43.26 1.81 0.00	35.35 1.60 0.00	38.62 1.78 0.00	37.00 1.75 0.00	38.17 1.94 0.00	32.84 1.93 0.00	36.69 2.35 0.00	42.87 2.73 -3.16	34.92 2.50 -0.57	34.82 2.51 0.00	38.92 2.65 0.00	103.94 6.23 0.00	58.60 3.20 0.00	51.99 2.89 0.00	56.49 3.19 0.00	47.39 2.61 0.00
INDIAN POINT_GT_2 23659	38.90 1.48 0.00	35.63 1.37 0.00	36.88 1.21 0.00	34.23 1.11 0.00	31.18 1.02 0.00	42.44 1.28 0.00	58.71 1.94 0.00	67.36 2.55 0.00	43.26 1.81 0.00	35.35 1.60 0.00	38.62 1.78 0.00	37.00 1.75 0.00	38.17 1.94 0.00	32.84 1.93 0.00	36.69 2.35 0.00	42.87 2.73 -3.16	34.92 2.50 -0.57	34.82 2.51 0.00	38.92 2.65 0.00	103.94 6.23 0.00	58.60 3.20 0.00	51.99 2.89 0.00	56.49 3.19 0.00	47.39 2.61 0.00
INDIAN POINT_GT_3 24019	38.90 1.48 0.00	35.63 1.37 0.00	36.88 1.21 0.00	34.23 1.11 0.00	31.18 1.02 0.00	42.44 1.28 0.00	58.71 1.94 0.00	67.36 2.55 0.00	43.26 1.81 0.00	35.35 1.60 0.00	38.62 1.78 0.00	37.00 1.75 0.00	38.17 1.94 0.00	32.84 1.93 0.00	36.69 2.35 0.00	42.87 2.73 -3.16	34.92 2.50 -0.57	34.82 2.51 0.00	38.92 2.65 0.00	103.94 6.23 0.00	58.60 3.20 0.00	51.99 2.89 0.00	56.49 3.19 0.00	47.39 2.61 0.00
INDIAN POINT___2 23530	38.88 1.47 0.00	35.61 1.35 0.00	36.86 1.20 0.00	34.20 1.08 0.00	31.17 1.01 0.00	42.42 1.26 0.00	58.68 1.90 0.00	67.33 2.51 0.00	43.24 1.79 0.00	35.34 1.59 0.00	38.61 1.77 0.00	36.99 1.74 0.00	38.16 1.92 0.00	32.83 1.92 0.00	36.68 2.34 0.00	42.90 2.74 -3.19	34.91 2.50 -0.56	34.81 2.50 0.00	38.90 2.63 0.00	104.04 6.23 -0.10	58.59 3.19 0.00	51.97 2.88 0.00	56.46 3.17 0.00	47.54 2.60 -0.17
INDIAN POINT___3 23531	38.89 1.47 0.00	35.63 1.37 0.00	36.88 1.21 0.00	34.23 1.11 0.00	31.18 1.02 0.00	42.43 1.27 0.00	58.70 1.92 0.00	67.34 2.53 0.00	43.23 1.79 0.00	35.34 1.59 0.00	38.62 1.78 0.00	37.00 1.75 0.00	38.16 1.93 0.00	32.83 1.92 0.00	36.67 2.33 0.00	42.85 2.72 -3.16	34.91 2.49 -0.57	34.80 2.49 0.00	38.90 2.63 0.00	103.88 6.17 0.00	58.57 3.18 0.00	51.96 2.87 0.00	56.45 3.16 0.00	47.36 2.59 0.00
INDIANHD_69_KV_BK1 55831	40.00 2.58 0.00	36.49 2.23 0.00	37.75 2.09 0.00	35.04 1.92 0.00	32.01 1.84 0.00	47.52 2.42 -3.94	64.68 3.50 -4.40	69.75 4.03 -0.90	44.21 2.76 0.00	35.84 2.09 0.00	38.98 2.14 0.00	37.22 1.97 0.00	38.47 2.23 0.00	33.07 2.16 0.00	43.40 2.84 -6.22	56.92 3.16 -16.78	49.98 2.98 -15.16	53.38 3.21 -17.86	43.49 3.52 -3.70	119.23 8.05 -13.47	83.30 4.40 -23.50	65.02 4.00 -11.93	63.08 4.53 -5.25	62.23 3.79 -13.65
INGHAM_C_115KV_TB7 356103	38.59 1.17 0.00	35.29 1.03 0.00	36.55 0.88 0.00	33.98 0.86 0.00	30.88 0.72 0.00	42.07 0.91 0.00	58.36 1.59 0.00	65.17 0.36 0.00	40.67 -0.78 0.00	32.74 -1.01 0.00	36.07 -0.77 0.00	35.38 0.13 0.00	35.97 -0.27 0.00	30.19 -0.72 0.00	34.34 -0.01 0.00	36.44 -0.54 0.00	31.78 -0.06 0.00	32.79 0.48 0.00	36.95 0.68 0.00	101.07 3.36 0.00	57.22 1.83 0.00	51.05 1.96 0.00	55.97 2.68 0.00	46.98 2.21 0.00
IP CORINTH___1 23988	39.28 1.86 0.00	35.98 1.72 0.00	37.39 1.72 0.00	34.77 1.65 0.00	31.57 1.41 0.00	42.99 1.83 0.00	59.87 3.09 0.00	68.05 3.24 0.00	43.08 1.63 0.00	34.82 1.08 0.00	37.92 1.08 0.00	36.80 1.55 0.00	37.67 1.43 0.00	32.10 1.19 0.00	35.63 1.28 0.00	40.15 1.66 -1.52	34.05 1.54 -0.67	33.90 1.59 0.00	38.17 1.90 0.00	103.22 5.51 0.00	58.14 2.74 0.00	51.73 2.64 0.00	56.16 2.86 0.00	47.06 2.28 0.00

IP___TICONDEROGA 23804	39.82 2.40 0.00	36.62 2.35 0.00	38.08 2.41 0.00	35.40 2.28 0.00	32.31 2.15 0.00	43.99 2.83 0.00	61.08 4.30 0.00	69.57 4.76 0.00	43.92 2.48 0.00	35.49 1.74 0.00	38.17 1.34 0.00	37.14 1.89 0.00	38.13 1.89 0.00	32.42 1.51 0.00	35.83 1.48 0.00	40.62 2.13 -1.52	34.61 2.10 -0.67	34.39 2.08 0.00	39.04 2.77 0.00	105.15 7.44 0.00	59.27 3.87 0.00	53.15 4.06 0.00	57.68 4.39 0.00	48.19 3.41 0.00
ISLIP_RES_REC 323679	39.90 2.47 0.00	36.39 2.13 0.00	37.66 1.99 0.00	34.97 1.85 0.00	31.94 1.78 0.00	47.45 2.33 -3.96	64.57 3.36 -4.43	69.62 3.90 -0.91	44.12 2.68 0.00	35.80 2.05 0.00	38.95 2.12 0.00	37.20 1.95 0.00	38.46 2.21 0.00	33.06 2.14 0.00	43.45 2.85 -6.25	56.98 3.14 -16.86	50.03 2.95 -15.24	53.39 3.12 -17.96	43.38 3.39 -3.72	118.90 7.65 -13.54	83.20 4.17 -23.63	64.88 3.79 -11.99	62.90 4.33 -5.28	62.14 3.63 -13.73
JAMAICA__27_KV_LOAD 355505	39.05 1.63 0.00	35.86 1.60 0.00	13.78 1.28 23.17	34.33 1.21 0.00	31.32 1.16 0.00	34.11 1.38 8.43	-193.86 2.02 252.66	67.99 3.18 0.00	43.72 2.27 0.00	35.66 1.92 0.01	38.98 2.15 0.00	37.35 2.10 0.00	23.75 2.25 14.75	16.30 2.23 16.84	37.09 2.74 0.00	43.19 3.07 -3.14	35.27 2.86 -0.57	35.13 2.83 0.01	39.21 2.95 0.01	104.56 6.86 0.01	58.93 3.54 0.01	52.28 3.19 0.01	56.84 3.55 0.01	-103.90 2.93 151.61
JANIS___SOLAR 323808	38.76 1.34 0.00	35.37 1.11 0.00	36.78 1.11 0.00	34.05 0.93 0.00	31.16 1.00 0.00	42.84 1.68 0.00	59.60 2.82 0.00	72.20 2.97 -4.42	42.98 1.54 0.00	35.32 1.57 0.00	38.53 1.70 0.00	36.69 1.44 0.00	36.93 0.69 0.00	31.34 0.42 0.00	34.65 0.31 0.00	37.35 -0.05 -0.42	31.98 -0.05 -0.19	32.52 0.21 0.00	37.04 0.77 0.00	101.83 4.12 0.00	58.00 2.61 0.00	51.31 2.22 0.00	55.65 2.36 0.00	46.51 1.73 0.00
JARVIS____ 23743	37.50 0.08 0.00	34.37 0.10 0.00	35.76 0.09 0.00	33.20 0.08 0.00	30.23 0.06 0.00	41.24 0.08 0.00	56.91 0.13 0.00	64.94 0.13 0.00	41.49 0.04 0.00	33.78 0.03 0.00	36.89 0.06 0.00	35.35 0.10 0.00	36.31 0.07 0.00	30.98 0.07 0.00	34.47 0.12 0.00	37.12 0.15 0.00	31.98 0.13 0.00	32.46 0.15 0.00	36.43 0.17 0.00	98.09 0.39 0.00	55.57 0.17 0.00	49.29 0.20 0.00	53.57 0.27 0.00	45.00 0.23 0.00
JENNISON___1 23625	40.50 1.53 -1.56	37.46 1.29 -1.91	36.95 1.28 0.00	34.06 0.94 0.00	31.85 0.89 -0.80	42.64 1.47 0.00	60.02 3.24 0.00	69.95 3.53 -1.61	43.38 1.93 0.00	35.50 1.76 0.00	38.86 2.02 0.00	37.17 1.92 0.00	37.79 1.56 0.00	31.95 1.04 0.00	35.16 0.82 0.00	45.64 0.81 -7.85	32.87 0.77 -0.26	33.29 0.99 0.00	37.94 1.67 0.00	103.49 5.38 -0.40	58.40 3.01 0.00	51.69 2.60 0.00	56.08 2.78 0.00	47.57 2.14 -0.65
JENNISON___2 23626	40.50 1.53 -1.56	37.46 1.29 -1.91	36.95 1.28 0.00	34.06 0.94 0.00	31.85 0.89 -0.80	42.64 1.47 0.00	60.02 3.24 0.00	69.95 3.53 -1.61	43.38 1.93 0.00	35.50 1.76 0.00	38.86 2.02 0.00	37.17 1.92 0.00	37.79 1.56 0.00	31.95 1.04 0.00	35.16 0.82 0.00	45.64 0.81 -7.85	32.87 0.77 -0.26	33.29 0.99 0.00	37.94 1.67 0.00	103.49 5.38 -0.40	58.40 3.01 0.00	51.69 2.60 0.00	56.08 2.78 0.00	47.57 2.14 -0.65
JERICOHO_RISE_WT_PWR 323719	37.19 -0.23 0.00	34.02 -0.24 0.00	35.54 -0.13 0.00	33.03 -0.09 0.00	30.02 -0.14 0.00	41.02 -0.14 0.00	56.52 -0.25 0.00	64.52 -0.29 0.00	41.27 -0.18 0.00	33.48 -0.26 0.00	36.38 -0.46 0.00	34.70 -0.55 0.00	35.72 -0.52 0.00	30.53 -0.38 0.00	33.94 -0.40 0.00	36.48 -0.50 0.00	31.39 -0.46 0.00	31.89 -0.42 0.00	35.94 -0.32 0.00	97.42 -0.29 0.00	55.49 0.09 0.00	48.91 -0.18 0.00	52.81 -0.49 0.00	44.31 -0.46 0.00
KATONAH___115KV_46KV_TB4 355592	39.05 1.63 0.00	35.76 1.50 0.00	37.04 1.37 0.00	34.37 1.25 0.00	31.31 1.15 0.00	42.62 1.46 0.00	58.97 2.20 0.00	67.64 2.83 0.00	43.42 1.97 0.00	35.47 1.73 0.00	38.75 1.92 0.00	37.15 1.91 0.00	38.32 2.08 0.00	32.94 2.03 0.00	36.79 2.44 0.00	41.11 2.83 -1.31	35.01 2.59 -0.57	34.92 2.61 0.00	39.04 2.77 0.00	104.25 6.54 0.00	58.77 3.38 0.00	52.15 3.06 0.00	56.65 3.35 0.00	47.52 2.74 0.00
KCE_NY_1 323755	39.30 1.88 0.00	35.97 1.71 0.00	37.43 1.76 0.00	34.72 1.60 0.00	31.47 1.31 0.00	42.90 1.74 0.00	59.53 2.75 0.00	67.63 2.82 0.00	42.88 1.43 0.00	34.76 1.01 0.00	37.94 1.11 0.00	36.71 1.46 0.00	37.59 1.35 0.00	32.06 1.15 0.00	35.64 1.30 0.00	40.06 1.58 -1.51	33.98 1.47 -0.67	33.95 1.64 0.00	38.13 1.86 0.00	102.67 4.96 0.00	58.01 2.62 0.00	51.54 2.45 0.00	56.00 2.70 0.00	46.97 2.20 0.00
KCE_NY_6_ESR 323823	32.12 -1.79 3.51	28.08 -1.88 4.30	33.76 -1.91 0.00	31.22 -1.90 0.00	27.17 -1.19 1.81	39.92 -1.24 0.00	54.48 -2.29 0.00	59.40 -2.48 2.93	40.22 -1.23 0.00	32.49 -1.26 0.00	35.46 -1.38 0.00	33.70 -1.55 0.00	34.51 -1.73 0.00	29.41 -1.50 0.00	32.68 -1.66 0.00	19.14 -2.32 15.52	29.71 -2.22 -0.09	29.92 -2.39 0.00	33.78 -2.49 0.00	90.67 -6.18 0.86	51.89 -3.50 0.00	45.85 -3.24 0.00	50.18 -3.11 0.00	40.40 -2.96 1.42
KEDC_PORT_JEFF_GT2 24210	39.77 2.35 0.00	36.29 2.03 0.00	37.54 1.88 0.00	34.87 1.75 0.00	31.84 1.68 0.00	47.27 2.18 -3.94	64.31 3.13 -4.40	69.36 3.65 -0.90	43.99 2.55 0.00	35.70 1.96 0.00	38.86 2.02 0.00	37.12 1.87 0.00	38.36 2.12 0.00	32.96 2.05 0.00	43.27 2.71 -6.21	56.75 3.01 -16.77	49.86 2.87 -15.14	53.16 3.01 -17.84	43.23 3.27 -3.69	118.47 7.30 -13.46	82.81 3.94 -23.48	64.61 3.61 -11.91	62.67 4.12 -5.25	61.91 3.49 -13.64
KEDC_PORT_JEFF_GT3 24211	39.77 2.35 0.00	36.29 2.03 0.00	37.54 1.88 0.00	34.87 1.75 0.00	31.84 1.68 0.00	47.27 2.18 -3.94	64.31 3.13 -4.40	69.36 3.65 -0.90	43.99 2.55 0.00	35.70 1.96 0.00	38.86 2.02 0.00	37.12 1.87 0.00	38.36 2.12 0.00	32.96 2.05 0.00	43.27 2.71 -6.21	56.75 3.01 -16.77	49.86 2.87 -15.14	53.16 3.01 -17.84	43.23 3.27 -3.69	118.47 7.30 -13.46	82.81 3.94 -23.48	64.61 3.61 -11.91	62.67 4.12 -5.25	61.91 3.49 -13.64
KEDC_GLWD_GT4 24219	39.46 2.05 0.00	36.10 1.83 0.00	37.35 1.68 0.00	34.68 1.56 0.00	31.62 1.46 0.00	49.29 1.87 -6.26	66.49 2.72 -6.99	69.64 3.40 -1.43	43.86 2.41 0.00	35.78 2.03 0.00	39.07 2.23 0.00	37.42 2.17 0.00	38.65 2.41 0.00	33.22 2.31 0.00	47.07 2.84 -9.88	65.05 3.26 -24.81	58.57 2.99 -23.74	63.68 3.00 -28.37	45.29 3.15 -5.87	126.41 7.30 -21.40	96.60 3.87 -37.33	71.56 3.53 -18.94	65.56 3.92 -8.34	69.72 3.26 -21.69
KEDC_GLWD_GT5 24220	39.46 2.05 0.00	36.10 1.83 0.00	37.35 1.68 0.00	34.68 1.56 0.00	31.62 1.46 0.00	49.29 1.87 -6.26	66.49 2.72 -6.99	69.64 3.40 -1.43	43.86 2.41 0.00	35.78 2.03 0.00	39.07 2.23 0.00	37.42 2.17 0.00	38.65 2.41 0.00	33.22 2.31 0.00	47.07 2.84 -9.88	65.05 3.26 -24.81	58.57 2.99 -23.74	63.68 3.00 -28.37	45.29 3.15 -5.87	126.41 7.30 -21.40	96.60 3.87 -37.33	71.56 3.53 -18.94	65.56 3.92 -8.34	69.72 3.26 -21.69

KENSICO____ 23655	38.99 1.57 0.00	35.72 1.46 0.00	36.96 1.29 0.00	34.30 1.18 0.00	31.26 1.10 0.00	42.53 1.37 0.00	58.85 2.08 0.00	67.53 2.72 0.00	43.39 1.95 0.00	35.46 1.71 0.00	38.75 1.91 0.00	37.13 1.88 0.00	38.29 2.05 0.00	32.94 2.03 0.00	36.80 2.46 0.00	42.96 2.84 -3.15	35.03 2.62 -0.57	34.93 2.61 0.00	39.02 2.75 0.00	104.16 6.46 0.00	58.71 3.32 0.00	52.10 3.01 0.00	56.62 3.32 0.00	47.51 2.73 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.39 1.97 0.00	36.08 1.82 0.00	37.41 1.74 0.00	34.69 1.57 0.00	31.59 1.43 0.00	43.13 1.97 0.00	59.72 2.94 0.00	68.32 3.51 0.00	43.63 2.19 0.00	35.50 1.75 0.00	38.74 1.90 0.00	37.25 2.00 0.00	38.28 2.04 0.00	32.62 1.70 0.00	36.41 2.07 0.00	42.59 2.31 -3.30	34.49 2.10 -0.55	34.50 2.19 0.00	38.80 2.53 0.00	104.18 6.36 -0.11	59.19 3.79 0.00	52.51 3.41 0.00	57.00 3.70 0.00	47.97 3.01 -0.18
KIAC_JFK_GT1 23816	38.83 1.41 0.00	35.67 1.41 0.00	13.61 1.11 23.17	34.22 1.10 0.00	31.23 1.07 0.00	33.95 1.23 8.43	-194.07 1.81 252.66	67.69 2.88 0.00	43.55 2.11 0.00	35.56 1.82 0.01	38.88 2.04 0.00	37.25 2.00 0.00	23.64 2.15 14.75	16.22 2.15 16.84	36.98 2.63 0.00	43.07 2.95 -3.14	35.16 2.75 -0.57	35.02 2.72 0.01	39.09 2.83 0.01	104.25 6.54 0.01	58.74 3.35 0.01	52.10 3.02 0.01	56.66 3.37 0.01	-104.05 2.78 151.61
KIAC_JFK_GT2 23817	38.83 1.41 0.00	35.67 1.41 0.00	13.61 1.11 23.17	34.22 1.10 0.00	31.23 1.07 0.00	33.95 1.23 8.43	-194.07 1.81 252.66	67.69 2.88 0.00	43.55 2.11 0.00	35.56 1.82 0.01	38.88 2.04 0.00	37.25 2.00 0.00	23.64 2.15 14.75	16.22 2.15 16.84	36.98 2.63 0.00	43.07 2.95 -3.14	35.16 2.75 -0.57	35.02 2.72 0.01	39.09 2.83 0.01	104.25 6.54 0.01	58.74 3.35 0.01	52.10 3.02 0.01	56.66 3.37 0.01	-104.05 2.78 151.61
KIAC_JFK____ 323774	38.83 1.41 0.00	35.67 1.41 0.00	13.61 1.11 23.17	34.21 1.09 0.00	31.23 1.07 0.00	33.95 1.23 8.43	-194.07 1.81 252.66	67.70 2.89 0.00	43.55 2.11 0.00	35.56 1.82 0.01	38.88 2.04 0.00	37.25 2.00 0.00	23.64 2.15 14.75	16.21 2.15 16.84	36.98 2.63 0.00	43.08 2.97 -3.14	35.15 2.75 -0.57	35.02 2.72 0.01	39.09 2.83 0.01	104.24 6.54 0.01	58.74 3.35 0.01	52.09 3.01 0.01	56.65 3.36 0.01	-104.05 2.78 151.61
KINTIGH_24_KV_GSU 356498	33.03 -1.90 2.50	29.29 -1.92 3.06	33.74 -1.94 0.00	31.23 -1.89 0.00	27.65 -1.23 1.28	39.72 -1.44 0.00	54.18 -2.60 0.00	59.91 -2.86 2.04	39.90 -1.54 0.00	32.31 -1.44 0.00	35.25 -1.59 0.00	33.53 -1.72 0.00	34.39 -1.85 0.00	29.38 -1.53 0.00	32.67 -1.67 0.00	23.74 -2.18 11.05	29.82 -2.10 -0.07	30.04 -2.27 0.00	33.80 -2.47 0.00	90.72 -6.37 0.61	51.78 -3.62 0.00	45.73 -3.36 0.00	50.03 -3.27 0.00	40.79 -2.98 1.01
KINTIGH____ 23543	33.00 -1.92 2.50	29.26 -1.94 3.06	33.72 -1.95 0.00	31.22 -1.90 0.00	27.64 -1.24 1.28	39.69 -1.47 0.00	54.17 -2.61 0.00	59.88 -2.88 2.04	39.87 -1.57 0.00	32.29 -1.46 0.00	35.22 -1.62 0.00	33.51 -1.74 0.00	34.37 -1.87 0.00	29.35 -1.56 0.00	32.66 -1.69 0.00	23.79 -2.13 11.05	29.80 -2.11 -0.07	30.03 -2.28 0.00	33.78 -2.49 0.00	90.67 -6.42 0.61	51.72 -3.67 0.00	45.69 -3.40 0.00	49.99 -3.31 0.00	40.78 -2.99 1.01
KNTFSRNC_46_KV_46KV_LOAD 80397	37.70 0.29 0.00	34.48 0.22 0.00	36.00 0.33 0.00	33.46 0.34 0.00	30.44 0.28 0.00	41.57 0.41 0.00	57.28 0.51 0.00	65.56 0.75 0.00	41.92 0.48 0.00	33.94 0.20 0.00	36.85 0.01 0.00	35.22 -0.03 0.00	36.22 -0.02 0.00	30.92 0.01 0.00	34.48 0.14 0.00	37.01 0.04 0.00	31.83 -0.01 0.00	32.36 0.05 0.00	36.43 0.16 0.00	99.01 1.30 0.00	56.51 1.11 0.00	49.73 0.64 0.00	53.72 0.43 0.00	45.06 0.28 0.00
LACHUTE____HYDRO 323717	39.82 2.40 0.00	36.62 2.35 0.00	38.08 2.41 0.00	35.40 2.28 0.00	32.31 2.15 0.00	43.99 2.83 0.00	61.08 4.30 0.00	69.57 4.76 0.00	43.92 2.48 0.00	35.49 1.74 0.00	38.17 1.34 0.00	37.13 1.88 0.00	38.13 1.89 0.00	32.42 1.51 0.00	35.83 1.48 0.00	40.63 2.14 -1.52	34.61 2.10 -0.67	34.39 2.08 0.00	39.04 2.77 0.00	105.15 7.44 0.00	59.27 3.87 0.00	53.15 4.05 0.00	57.68 4.39 0.00	48.18 3.41 0.00
LAWRNCV_115KV_TB1 80681	36.11 -1.31 0.00	33.06 -1.20 0.00	34.53 -1.14 0.00	32.13 -0.98 0.00	29.17 -0.99 0.00	39.96 -1.20 0.00	55.01 -1.77 0.00	62.65 -2.16 0.00	40.01 -1.44 0.00	32.32 -1.43 0.00	35.04 -1.79 0.00	33.44 -1.81 0.00	34.51 -1.73 0.00	29.50 -1.41 0.00	32.72 -1.63 0.00	35.15 -1.85 -0.02	30.23 -1.62 -0.01	30.73 -1.58 0.00	34.64 -1.63 0.00	94.31 -3.39 0.00	53.95 -1.45 0.00	47.52 -1.58 0.00	51.27 -2.03 0.00	43.11 -1.67 0.00
LEDERLE____ 23769	39.07 1.66 0.00	35.77 1.51 0.00	37.02 1.36 0.00	34.34 1.22 0.00	31.30 1.14 0.00	42.64 1.47 0.00	58.98 2.21 0.00	67.67 2.85 0.00	43.44 1.99 0.00	35.51 1.76 0.00	38.81 1.97 0.00	37.21 1.96 0.00	38.36 2.13 0.00	33.00 2.09 0.00	36.88 2.54 0.00	43.11 2.94 -3.20	35.09 2.68 -0.56	35.00 2.69 0.00	39.12 2.86 0.00	104.65 6.84 -0.10	58.94 3.55 0.00	52.25 3.16 0.00	56.76 3.47 0.00	47.76 2.82 -0.17
LIGHTHSE_115KV_TB6 355974	36.28 -1.14 0.00	33.29 -0.97 0.00	34.62 -1.05 0.00	32.19 -0.93 0.00	29.40 -0.77 0.00	40.24 -0.92 0.00	55.46 -1.32 0.00	63.23 -1.58 0.00	40.33 -1.11 0.00	32.82 -0.93 0.00	35.79 -1.05 0.00	34.14 -1.11 0.00	35.04 -1.20 0.00	29.90 -1.01 0.00	33.19 -1.15 0.00	35.72 -1.36 -0.10	30.72 -1.17 -0.04	31.16 -1.15 0.00	34.93 -1.34 0.00	94.68 -3.03 0.00	53.92 -1.48 0.00	47.75 -1.34 0.00	51.83 -1.46 0.00	43.59 -1.19 0.00
LINDEN COGEN____ 23786	38.89 1.47 0.00	35.60 1.34 0.00	36.80 1.13 0.00	34.16 1.04 0.00	31.17 1.01 0.00	42.34 1.18 0.00	58.61 1.83 0.00	67.44 2.63 0.00	43.44 1.99 0.00	35.56 1.81 0.00	38.85 2.02 0.00	37.21 1.95 0.00	38.37 2.14 0.00	33.04 2.12 0.00	36.90 2.56 0.00	43.11 2.99 -3.14	35.14 2.73 -0.57	35.01 2.70 0.00	39.08 2.81 0.00	104.16 6.46 0.00	58.74 3.34 0.00	52.08 2.99 0.00	56.62 3.33 0.00	47.55 2.77 0.00
LINDHRST_69_KV_BK1 356055	39.84 2.42 0.00	36.36 2.10 0.00	37.61 1.94 0.00	34.92 1.80 0.00	31.87 1.71 0.00	47.75 2.24 -4.34	64.78 3.15 -4.85	69.50 3.70 -1.00	44.05 2.60 0.00	35.80 2.06 0.00	38.99 2.15 0.00	37.27 2.02 0.00	38.54 2.30 0.00	33.13 2.21 0.00	44.03 2.83 -6.85	58.44 3.30 -18.17	51.50 3.01 -16.64	55.12 3.13 -19.69	43.66 3.32 -4.08	120.15 7.60 -14.85	85.38 4.08 -25.90	66.02 3.79 -13.14	63.37 4.28 -5.79	63.43 3.61 -15.05
LIPA_MISC_IPP 23656	39.62 2.20 0.00	36.16 1.90 0.00	37.42 1.75 0.00	34.77 1.65 0.00	31.76 1.60 0.00	47.15 2.06 -3.93	64.19 3.03 -4.39	69.21 3.50 -0.90	43.92 2.47 0.00	35.62 1.87 0.00	38.77 1.93 0.00	37.01 1.76 0.00	38.22 1.99 0.00	32.84 1.93 0.00	43.10 2.56 -6.20	56.53 2.82 -16.73	49.69 2.75 -15.11	52.97 2.87 -17.80	43.10 3.14 -3.69	117.98 6.85 -13.42	82.51 3.70 -23.42	64.36 3.39 -11.88	62.44 3.91 -5.23	61.72 3.33 -13.61

LISF__SOLAR 323691	39.68 2.26 0.00	36.22 1.95 0.00	37.48 1.81 0.00	34.81 1.69 0.00	31.80 1.64 0.00	47.21 2.11 -3.93	64.28 3.11 -4.39	69.32 3.61 -0.90	43.96 2.51 0.00	35.63 1.88 0.00	38.77 1.93 0.00	37.01 1.76 0.00	38.23 1.99 0.00	32.87 1.96 0.00	43.14 2.60 -6.20	56.59 2.87 -16.75	49.74 2.78 -15.12	53.03 2.90 -17.82	43.14 3.19 -3.69	118.18 7.03 -13.44	82.62 3.79 -23.44	64.47 3.48 -11.90	62.53 3.99 -5.24	61.80 3.40 -13.62
LITTLE FALLS__HYD 24013	38.59 1.17 0.00	35.29 1.03 0.00	36.55 0.88 0.00	33.98 0.86 0.00	30.88 0.72 0.00	42.07 0.91 0.00	58.36 1.59 0.00	65.17 0.36 0.00	40.67 -0.78 0.00	32.74 -1.01 0.00	36.07 -0.77 0.00	35.38 0.13 0.00	35.97 -0.27 0.00	30.19 -0.72 0.00	34.34 -0.01 0.00	36.44 -0.54 0.00	31.78 -0.06 0.00	32.79 0.48 0.00	36.95 0.68 0.00	101.07 3.36 0.00	57.22 1.83 0.00	51.05 1.96 0.00	55.97 2.68 0.00	46.98 2.21 0.00
LITTLRIV_115KV_TB1 356100	36.50 -0.92 0.00	33.42 -0.84 0.00	34.89 -0.78 0.00	32.48 -0.64 0.00	29.50 -0.66 0.00	40.43 -0.73 0.00	55.64 -1.13 0.00	63.21 -1.60 0.00	40.22 -1.23 0.00	32.43 -1.31 0.00	35.12 -1.72 0.00	33.51 -1.74 0.00	34.64 -1.60 0.00	29.60 -1.31 0.00	32.82 -1.52 0.00	35.24 -1.76 -0.02	30.30 -1.56 -0.01	30.81 -1.50 0.00	34.81 -1.46 0.00	94.98 -2.73 0.00	54.61 -0.78 0.00	48.08 -1.01 0.00	51.84 -1.45 0.00	43.53 -1.25 0.00
LI_NEWBRDGE__DRP 323616	39.31 1.89 0.00	35.92 1.66 0.00	37.17 1.50 0.00	34.51 1.39 0.00	31.48 1.32 0.00	46.54 1.69 -3.69	63.29 2.39 -4.13	68.53 2.87 -0.85	43.53 2.08 0.00	35.47 1.72 0.00	38.69 1.85 0.00	37.03 1.78 0.00	38.26 2.02 0.00	32.90 1.99 0.00	42.67 2.50 -5.83	55.77 2.89 -15.92	48.78 2.70 -14.23	51.76 2.72 -16.73	42.57 2.84 -3.46	116.60 6.28 -12.62	80.73 3.32 -22.01	63.35 3.09 -11.17	61.75 3.53 -4.92	60.56 3.00 -12.79
LOCKPORT_115KV_TB60_63_64 80432	32.23 -2.27 2.93	28.40 -2.27 3.59	33.35 -2.32 0.00	30.86 -2.26 0.00	27.22 -1.44 1.51	39.42 -1.74 0.00	53.59 -3.19 0.00	58.91 -3.47 2.43	39.51 -1.94 0.00	31.87 -1.87 0.00	34.70 -2.14 0.00	32.95 -2.30 0.00	33.79 -2.45 0.00	28.84 -2.08 0.00	32.08 -2.27 0.00	21.30 -2.69 12.98	29.12 -2.80 -0.08	29.32 -2.99 0.00	33.05 -3.22 0.00	88.74 -8.25 0.72	50.80 -4.60 0.00	44.89 -4.20 0.00	49.28 -4.02 0.00	39.99 -3.61 1.18
LOCKPORT__CC1 323769	32.18 -2.27 2.97	28.34 -2.28 3.64	33.35 -2.32 0.00	30.86 -2.26 0.00	27.19 -1.45 1.53	39.43 -1.74 0.00	53.59 -3.19 0.00	58.85 -3.49 2.46	39.50 -1.94 0.00	31.88 -1.86 0.00	34.73 -2.11 0.00	32.98 -2.27 0.00	33.81 -2.43 0.00	28.87 -2.04 0.00	32.09 -2.25 0.00	21.05 -2.76 13.16	29.15 -2.77 -0.08	29.34 -2.97 0.00	33.08 -3.19 0.00	88.81 -8.17 0.73	50.83 -4.56 0.00	44.89 -4.20 0.00	49.31 -3.98 0.00	39.96 -3.62 1.20
LOCKPORT__CC2 323770	32.18 -2.27 2.97	28.34 -2.28 3.64	33.35 -2.32 0.00	30.86 -2.26 0.00	27.19 -1.45 1.53	39.43 -1.74 0.00	53.59 -3.19 0.00	58.85 -3.49 2.46	39.50 -1.94 0.00	31.88 -1.86 0.00	34.73 -2.11 0.00	32.98 -2.27 0.00	33.81 -2.43 0.00	28.87 -2.04 0.00	32.09 -2.25 0.00	21.05 -2.76 13.16	29.15 -2.77 -0.08	29.34 -2.97 0.00	33.08 -3.19 0.00	88.81 -8.17 0.73	50.83 -4.56 0.00	44.89 -4.20 0.00	49.31 -3.98 0.00	39.96 -3.62 1.20
LOCKPORT__CC3 323771	32.18 -2.27 2.97	28.34 -2.28 3.64	33.35 -2.32 0.00	30.86 -2.26 0.00	27.19 -1.45 1.53	39.43 -1.74 0.00	53.59 -3.19 0.00	58.85 -3.49 2.46	39.50 -1.94 0.00	31.88 -1.86 0.00	34.73 -2.11 0.00	32.98 -2.27 0.00	33.81 -2.43 0.00	28.87 -2.04 0.00	32.09 -2.25 0.00	21.05 -2.76 13.16	29.15 -2.77 -0.08	29.34 -2.97 0.00	33.08 -3.19 0.00	88.81 -8.17 0.73	50.83 -4.56 0.00	44.89 -4.20 0.00	49.31 -3.98 0.00	39.96 -3.62 1.20
LOCUSVLY_69_KV_BK2 55797	39.60 2.18 0.00	36.20 1.94 0.00	37.44 1.77 0.00	34.76 1.64 0.00	31.71 1.55 0.00	48.80 2.00 -5.64	65.94 2.86 -6.30	69.60 3.50 -1.29	43.94 2.49 0.00	35.83 2.08 0.00	39.11 2.27 0.00	37.42 2.17 0.00	38.68 2.44 0.00	33.25 2.34 0.00	46.12 2.88 -8.90	62.94 3.30 -22.66	56.33 3.04 -21.44	60.92 3.06 -25.56	44.77 3.21 -5.29	124.38 7.39 -19.28	92.97 3.94 -33.63	69.76 3.61 -17.07	64.85 4.03 -7.52	67.70 3.38 -19.54
LONG_LAKE_PHOENIX 24014	36.34 -1.08 0.00	33.26 -1.00 0.00	34.61 -1.06 0.00	32.13 -0.99 0.00	29.33 -0.84 0.00	40.09 -1.07 0.00	55.34 -1.44 0.00	63.12 -1.69 0.00	40.36 -1.09 0.00	32.90 -0.85 0.00	35.96 -0.88 0.00	34.26 -0.99 0.00	35.14 -1.10 0.00	30.01 -0.90 0.00	33.32 -1.03 0.00	34.10 -1.13 1.73	30.88 -1.02 -0.05	31.22 -1.09 0.00	35.03 -1.24 0.00	94.60 -3.11 0.00	53.70 -1.70 0.00	47.63 -1.46 0.00	51.73 -1.56 0.00	43.47 -1.30 0.00
LOVETT__3 23632	38.86 1.44 0.00	35.60 1.34 0.00	36.85 1.18 0.00	34.20 1.07 0.00	31.15 0.99 0.00	42.40 1.24 0.00	58.66 1.88 0.00	67.30 2.49 0.00	43.20 1.76 0.00	35.31 1.57 0.00	38.59 1.76 0.00	36.97 1.72 0.00	38.14 1.90 0.00	32.81 1.90 0.00	36.66 2.31 0.00	42.87 2.71 -3.19	34.88 2.47 -0.56	34.78 2.47 0.00	38.87 2.60 0.00	103.95 6.13 -0.10	58.54 3.15 0.00	51.92 2.83 0.00	56.43 3.14 0.00	47.51 2.57 -0.17
LOVETT__4 23642	38.86 1.44 0.00	35.60 1.34 0.00	36.85 1.18 0.00	34.20 1.07 0.00	31.15 0.99 0.00	42.40 1.24 0.00	58.66 1.88 0.00	67.30 2.49 0.00	43.20 1.76 0.00	35.31 1.57 0.00	38.59 1.76 0.00	36.97 1.72 0.00	38.14 1.90 0.00	32.81 1.90 0.00	36.66 2.31 0.00	42.87 2.71 -3.19	34.88 2.47 -0.56	34.78 2.47 0.00	38.87 2.60 0.00	103.95 6.13 -0.10	58.54 3.15 0.00	51.92 2.83 0.00	56.43 3.14 0.00	47.51 2.57 -0.17
LOVETT__5 23593	38.86 1.44 0.00	35.60 1.34 0.00	36.85 1.18 0.00	34.20 1.07 0.00	31.15 0.99 0.00	42.40 1.24 0.00	58.66 1.88 0.00	67.30 2.49 0.00	43.20 1.76 0.00	35.31 1.57 0.00	38.59 1.76 0.00	36.97 1.72 0.00	38.14 1.90 0.00	32.81 1.90 0.00	36.66 2.31 0.00	42.87 2.71 -3.19	34.88 2.47 -0.56	34.78 2.47 0.00	38.87 2.60 0.00	103.95 6.13 -0.10	58.54 3.15 0.00	51.92 2.83 0.00	56.43 3.14 0.00	47.51 2.57 -0.17
LOWER RAQUET__HYD 24057	35.78 -1.64 0.00	32.77 -1.49 0.00	34.22 -1.45 0.00	31.86 -1.26 0.00	28.91 -1.25 0.00	39.62 -1.54 0.00	54.56 -2.22 0.00	62.12 -2.69 0.00	39.64 -1.81 0.00	32.00 -1.75 0.00	34.66 -2.17 0.00	33.08 -2.17 0.00	34.15 -2.09 0.00	29.19 -1.72 0.00	32.37 -1.97 0.00	34.79 -2.21 -0.02	29.91 -1.94 -0.01	30.41 -1.90 0.00	34.31 -1.96 0.00	93.47 -4.24 0.00	53.54 -1.85 0.00	47.14 -1.95 0.00	50.84 -2.46 0.00	42.76 -2.01 0.00
LOWER__HUDSON 24059	38.74 1.32 0.00	35.49 1.23 0.00	36.91 1.24 0.00	34.28 1.16 0.00	31.17 1.01 0.00	42.40 1.25 0.00	58.56 1.78 0.00	66.83 2.02 0.00	42.56 1.12 0.00	34.63 0.88 0.00	37.83 0.99 0.00	36.44 1.19 0.00	37.41 1.18 0.00	31.93 1.02 0.00	35.52 1.17 0.00	39.92 1.46 -1.50	33.77 1.27 -0.66	33.65 1.34 0.00	37.74 1.48 0.00	101.24 3.53 0.00	57.22 1.82 0.00	50.91 1.82 0.00	55.34 2.04 0.00	46.51 1.74 0.00

LOWVILLE_115KV_TB2 356335	35.97 -1.44 0.00	33.11 -1.15 0.00	34.48 -1.19 0.00	32.20 -0.92 0.00	29.41 -0.75 0.00	40.49 -0.67 0.00	56.02 -0.76 0.00	63.69 -1.13 0.00	40.31 -1.13 0.00	32.48 -1.26 0.00	34.97 -1.86 0.00	33.54 -1.72 0.00	34.42 -1.82 0.00	29.44 -1.47 0.00	32.54 -1.81 0.00	34.87 -2.16 -0.06	30.01 -1.86 -0.03	30.67 -1.64 0.00	34.92 -1.35 0.00	95.67 -2.04 0.00	54.87 -0.53 0.00	48.33 -0.77 0.00	52.12 -1.18 0.00	43.63 -1.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.26 1.85 0.00	35.96 1.69 0.00	37.40 1.73 0.00	34.70 1.58 0.00	31.45 1.29 0.00	42.85 1.69 0.00	59.38 2.60 0.00	67.55 2.74 0.00	42.85 1.40 0.00	34.73 0.98 0.00	37.92 1.08 0.00	36.67 1.42 0.00	37.57 1.33 0.00	32.04 1.13 0.00	35.61 1.27 0.00	40.05 1.56 -1.51	33.94 1.43 -0.67	33.89 1.58 0.00	38.07 1.80 0.00	102.51 4.80 0.00	57.91 2.52 0.00	51.48 2.39 0.00	55.93 2.63 0.00	46.93 2.15 0.00
LUTHERNY_35_KV_BK2 355980	39.30 1.88 0.00	35.98 1.71 0.00	37.43 1.76 0.00	34.72 1.60 0.00	31.47 1.31 0.00	42.90 1.74 0.00	59.53 2.75 0.00	67.63 2.82 0.00	42.88 1.43 0.00	34.76 1.01 0.00	37.94 1.11 0.00	36.71 1.46 0.00	37.59 1.35 0.00	32.06 1.15 0.00	35.65 1.30 0.00	40.07 1.58 -1.51	33.98 1.47 -0.67	33.95 1.64 0.00	38.13 1.86 0.00	102.67 4.96 0.00	58.01 2.62 0.00	51.54 2.45 0.00	56.00 2.71 0.00	46.97 2.20 0.00
LWR__OSWEGATCHIE_HYD 23850	35.42 -2.00 0.00	32.53 -1.73 0.00	33.92 -1.75 0.00	31.64 -1.49 0.00	28.79 -1.37 0.00	39.55 -1.60 0.00	54.59 -2.19 0.00	62.09 -2.72 0.00	39.44 -2.01 0.00	31.81 -1.94 0.00	34.36 -2.48 0.00	32.82 -2.43 0.00	33.82 -2.42 0.00	28.92 -2.00 0.00	32.01 -2.34 0.00	34.37 -2.64 -0.04	29.57 -2.29 -0.02	30.14 -2.17 0.00	34.12 -2.14 0.00	93.27 -4.44 0.00	53.50 -1.90 0.00	47.13 -1.96 0.00	50.83 -2.47 0.00	42.66 -2.12 0.00
LYONS_FALL_HYD 23570	36.75 -0.66 0.00	33.76 -0.50 0.00	35.13 -0.54 0.00	32.74 -0.38 0.00	29.91 -0.25 0.00	41.08 -0.08 0.00	56.82 0.04 0.00	64.59 -0.22 0.00	40.93 -0.52 0.00	33.09 -0.66 0.00	35.81 -1.03 0.00	34.34 -0.92 0.00	35.17 -1.07 0.00	30.06 -0.85 0.00	33.30 -1.04 0.00	35.70 -1.33 -0.06	30.74 -1.13 -0.03	31.37 -0.94 0.00	35.65 -0.62 0.00	97.30 -0.41 0.00	55.62 0.22 0.00	49.08 -0.02 0.00	53.01 -0.28 0.00	44.39 -0.39 0.00
MADISON__COUNTY_LFGE 323628	38.03 0.61 0.00	34.80 0.54 0.00	36.18 0.51 0.00	33.62 0.50 0.00	30.70 0.54 0.00	42.02 0.86 0.00	58.08 1.30 0.00	66.04 1.23 0.00	41.97 0.52 0.00	34.13 0.38 0.00	37.35 0.52 0.00	35.75 0.50 0.00	36.49 0.26 0.00	31.15 0.24 0.00	34.59 0.25 0.00	37.16 0.10 -0.09	31.99 0.10 -0.04	32.45 0.14 0.00	36.73 0.46 0.00	99.70 1.99 0.00	56.75 1.35 0.00	50.23 1.14 0.00	54.47 1.18 0.00	45.64 0.86 0.00
MALONE__115KV_TB1 356076	37.46 0.04 0.00	34.25 -0.01 0.00	35.81 0.14 0.00	33.27 0.15 0.00	30.24 0.07 0.00	41.37 0.21 0.00	56.98 0.20 0.00	65.23 0.42 0.00	41.81 0.36 0.00	33.85 0.10 0.00	36.67 -0.16 0.00	34.95 -0.31 0.00	35.98 -0.26 0.00	30.78 -0.13 0.00	34.19 -0.16 0.00	36.70 -0.27 0.00	31.53 -0.32 0.00	32.14 -0.17 0.00	36.09 -0.18 0.00	98.28 0.57 0.00	56.02 0.63 0.00	49.32 0.23 0.00	53.25 -0.05 0.00	44.67 -0.11 0.00
MAPLEWOD_115KV_TB3 80458	38.63 1.21 0.00	35.38 1.12 0.00	36.79 1.12 0.00	34.18 1.06 0.00	31.10 0.94 0.00	42.20 1.04 0.00	58.19 1.41 0.00	66.50 1.69 0.00	42.41 0.97 0.00	34.52 0.77 0.00	37.73 0.89 0.00	36.32 1.07 0.00	37.35 1.11 0.00	31.88 0.96 0.00	35.46 1.11 0.00	39.82 1.36 -1.49	33.70 1.20 -0.65	33.57 1.26 0.00	37.66 1.40 0.00	100.94 3.23 0.00	57.05 1.66 0.00	50.70 1.60 0.00	55.10 1.80 0.00	46.36 1.59 0.00
MAPLE_RIDGE_WT_1 323574	37.00 -0.41 0.00	33.92 -0.35 0.00	35.40 -0.27 0.00	32.90 -0.22 0.00	29.93 -0.23 0.00	40.94 -0.22 0.00	56.45 -0.34 0.00	64.57 -0.23 0.00	41.31 -0.14 0.00	33.53 -0.22 0.00	36.43 -0.41 0.00	34.80 -0.45 0.00	35.93 -0.31 0.00	30.65 -0.26 0.00	34.01 -0.33 0.00	36.61 -0.37 0.00	31.47 -0.37 0.00	32.04 -0.27 0.00	36.06 -0.21 0.00	97.25 -0.46 0.00	55.20 -0.19 0.00	48.86 -0.23 0.00	52.95 -0.35 0.00	44.46 -0.32 0.00
MAPLE_RIDGE_WT_2 323611	37.00 -0.41 0.00	33.92 -0.35 0.00	35.40 -0.27 0.00	32.90 -0.22 0.00	29.93 -0.23 0.00	40.94 -0.22 0.00	56.45 -0.34 0.00	64.57 -0.23 0.00	41.31 -0.14 0.00	33.53 -0.22 0.00	36.43 -0.41 0.00	34.80 -0.45 0.00	35.93 -0.31 0.00	30.65 -0.26 0.00	34.01 -0.33 0.00	36.61 -0.37 0.00	31.47 -0.37 0.00	32.04 -0.27 0.00	36.06 -0.21 0.00	97.25 -0.46 0.00	55.20 -0.19 0.00	48.86 -0.23 0.00	52.95 -0.35 0.00	44.46 -0.32 0.00
MARBLE_RIVER_WT_PWR 323696	37.26 -0.16 0.00	34.08 -0.18 0.00	35.60 -0.07 0.00	33.08 -0.04 0.00	30.07 -0.09 0.00	41.08 -0.08 0.00	56.60 -0.18 0.00	64.62 -0.20 0.00	41.34 -0.11 0.00	33.53 -0.22 0.00	36.43 -0.40 0.00	34.77 -0.47 0.00	35.79 -0.45 0.00	30.57 -0.34 0.00	34.03 -0.32 0.00	36.58 -0.40 0.00	31.46 -0.39 0.00	31.96 -0.35 0.00	36.03 -0.24 0.00	97.63 -0.08 0.00	55.63 0.24 0.00	49.02 -0.07 0.00	52.94 -0.36 0.00	44.42 -0.35 0.00
MARSHVLE_115KV_TB1 80742	38.98 1.56 0.00	35.64 1.38 0.00	37.08 1.41 0.00	34.41 1.29 0.00	31.33 1.17 0.00	43.19 2.03 0.00	60.39 3.61 0.00	67.75 2.94 0.00	42.37 0.93 0.00	34.39 0.65 0.00	37.68 0.84 0.00	36.23 0.98 0.00	36.77 0.54 0.00	30.95 0.04 0.00	34.57 0.23 0.00	40.79 0.11 -3.71	32.65 0.06 -0.74	32.53 0.22 0.00	36.79 0.52 0.00	101.51 3.69 -0.11	58.05 2.65 0.00	51.46 2.37 0.00	56.10 2.80 0.00	47.17 2.22 -0.18
MARSH_HILL_WT_PWR 323713	30.70 -1.55 5.16	26.24 -1.70 6.33	33.88 -1.79 0.00	31.48 -1.64 0.00	26.43 -1.07 2.66	40.49 -0.67 0.00	56.32 -0.46 0.00	58.64 -0.49 5.68	41.50 0.06 0.00	33.45 -0.30 0.00	36.38 -0.46 0.00	34.68 -0.58 0.00	35.07 -1.17 0.00	29.57 -1.34 0.00	32.82 -1.53 0.00	11.74 -2.43 22.80	30.11 -1.85 -0.11	30.43 -1.88 0.00	34.67 -1.59 0.00	94.06 -2.38 1.27	54.21 -1.18 0.00	47.97 -1.12 0.00	52.38 -0.92 0.00	41.45 -1.24 2.08
MCINTYRE_115KV_TB2 80467	37.23 -0.19 0.00	34.07 -0.20 0.00	35.57 -0.10 0.00	33.10 -0.02 0.00	30.07 -0.09 0.00	41.21 0.05 0.00	56.71 -0.07 0.00	64.34 -0.47 0.00	40.92 -0.53 0.00	32.96 -0.79 0.00	35.67 -1.17 0.00	34.04 -1.21 0.00	35.22 -1.02 0.00	30.10 -0.81 0.00	33.37 -0.97 0.00	35.81 -1.19 -0.02	30.79 -1.06 -0.01	31.31 -1.00 0.00	35.40 -0.87 0.00	96.54 -1.16 0.00	55.66 0.26 0.00	49.01 -0.08 0.00	52.83 -0.47 0.00	44.31 -0.47 0.00
MECO____69_KV_BK1 80468	39.33 1.91 0.00	35.98 1.72 0.00	37.43 1.76 0.00	34.74 1.62 0.00	31.69 1.53 0.00	43.50 2.34 0.00	60.61 3.83 0.00	67.99 3.18 0.00	42.16 0.71 0.00	33.96 0.21 0.00	37.15 0.32 0.00	36.14 0.89 0.00	36.79 0.55 0.00	31.05 0.14 0.00	34.74 0.40 0.00	38.89 0.29 -1.62	33.03 0.47 -0.72	33.15 0.84 0.00	37.36 1.10 0.00	103.04 5.33 0.00	58.96 3.57 0.00	52.31 3.22 0.00	56.83 3.54 0.00	47.57 2.80 0.00

MENANDS__115KV_TB5 355628	38.50 1.09 0.00	35.28 1.02 0.00	36.68 1.01 0.00	34.08 0.95 0.00	30.99 0.83 0.00	41.99 0.83 0.00	57.88 1.10 0.00	66.15 1.34 0.00	42.25 0.80 0.00	34.44 0.69 0.00	37.64 0.80 0.00	36.22 0.97 0.00	37.25 1.01 0.00	31.81 0.90 0.00	35.39 1.04 0.00	39.73 1.28 -1.48	33.64 1.15 -0.65	33.49 1.18 0.00	37.54 1.27 0.00	100.46 2.75 0.00	56.76 1.36 0.00	50.43 1.34 0.00	54.83 1.53 0.00	46.15 1.38 0.00
MG INDUSTRY__DRP 24185	38.44 1.02 0.00	35.24 0.98 0.00	36.67 1.00 0.00	34.06 0.94 0.00	30.99 0.82 0.00	42.05 0.89 0.00	57.95 1.17 0.00	66.07 1.26 0.00	42.08 0.64 0.00	34.26 0.51 0.00	37.43 0.59 0.00	36.03 0.78 0.00	37.09 0.85 0.00	31.69 0.78 0.00	35.23 0.88 0.00	39.50 1.07 -1.46	33.48 1.00 -0.64	33.35 1.04 0.00	37.41 1.14 0.00	100.49 2.78 0.00	56.83 1.43 0.00	50.46 1.37 0.00	54.86 1.57 0.00	46.17 1.40 0.00
MID__OSWEGATCHIE_HYD 23849	35.42 -2.00 0.00	32.53 -1.73 0.00	33.92 -1.75 0.00	31.64 -1.49 0.00	28.79 -1.37 0.00	39.55 -1.60 0.00	54.59 -2.19 0.00	62.09 -2.72 0.00	39.44 -2.01 0.00	31.81 -1.94 0.00	34.36 -2.48 0.00	32.82 -2.43 0.00	33.82 -2.42 0.00	28.92 -2.00 0.00	32.01 -2.34 0.00	34.37 -2.64 -0.04	29.57 -2.29 -0.02	30.14 -2.17 0.00	34.12 -2.14 0.00	93.27 -4.44 0.00	53.50 -1.90 0.00	47.13 -1.96 0.00	50.83 -2.47 0.00	42.66 -2.12 0.00
MID__RAQUETTE_HYD 23851	35.78 -1.64 0.00	32.77 -1.49 0.00	34.22 -1.45 0.00	31.86 -1.26 0.00	28.92 -1.25 0.00	39.62 -1.54 0.00	54.56 -2.22 0.00	62.12 -2.69 0.00	39.64 -1.81 0.00	32.00 -1.75 0.00	34.66 -2.17 0.00	33.08 -2.17 0.00	34.15 -2.09 0.00	29.19 -1.72 0.00	32.37 -1.97 0.00	34.77 -2.23 -0.02	29.91 -1.94 -0.01	30.41 -1.90 0.00	34.31 -1.96 0.00	93.47 -4.24 0.00	53.54 -1.85 0.00	47.14 -1.95 0.00	50.84 -2.46 0.00	42.75 -2.02 0.00
MILLIKEN__1 23584	36.69 0.42 1.15	33.17 0.33 1.42	36.01 0.34 0.00	33.40 0.28 0.00	29.93 0.37 0.59	41.84 0.68 0.00	57.97 1.19 0.00	71.33 1.62 -4.90	42.57 1.12 0.00	34.83 1.08 0.00	37.96 1.12 0.00	35.99 0.74 0.00	36.62 0.38 0.00	31.20 0.29 0.00	34.68 0.33 0.00	31.99 0.08 5.06	31.94 -0.03 -0.13	32.36 0.05 0.00	36.51 0.25 0.00	99.02 1.59 0.28	56.40 1.01 0.00	49.96 0.87 0.00	54.25 0.96 0.00	45.00 0.69 0.46
MILLIKEN__2 23585	36.69 0.42 1.15	33.17 0.33 1.42	36.01 0.34 0.00	33.40 0.28 0.00	29.93 0.37 0.59	41.84 0.68 0.00	57.97 1.19 0.00	71.33 1.62 -4.90	42.57 1.12 0.00	34.83 1.08 0.00	37.96 1.12 0.00	35.99 0.74 0.00	36.62 0.38 0.00	31.20 0.29 0.00	34.68 0.33 0.00	31.99 0.08 5.06	31.94 -0.03 -0.13	32.36 0.05 0.00	36.51 0.25 0.00	99.02 1.59 0.28	56.40 1.01 0.00	49.96 0.87 0.00	54.25 0.96 0.00	45.00 0.69 0.46
MILLIKEN__DIESEL 23629	36.69 0.42 1.15	33.17 0.33 1.42	36.01 0.34 0.00	33.40 0.28 0.00	29.93 0.37 0.59	41.84 0.68 0.00	57.97 1.19 0.00	71.33 1.62 -4.90	42.57 1.12 0.00	34.83 1.08 0.00	37.96 1.12 0.00	35.99 0.74 0.00	36.62 0.38 0.00	31.20 0.29 0.00	34.68 0.33 0.00	31.99 0.08 5.06	31.94 -0.03 -0.13	32.36 0.05 0.00	36.51 0.25 0.00	99.02 1.59 0.28	56.40 1.01 0.00	49.96 0.87 0.00	54.25 0.96 0.00	45.00 0.69 0.46
MILLSEAT__LFGE 323607	33.16 -1.51 2.75	29.32 -1.58 3.37	34.08 -1.60 0.00	31.53 -1.59 0.00	27.89 -0.86 1.41	40.27 -0.89 0.00	54.92 -1.86 0.00	60.71 -1.83 2.28	40.58 -0.87 0.00	32.65 -1.10 0.00	35.35 -1.49 0.00	33.40 -1.85 0.00	34.21 -2.02 0.00	29.16 -1.75 0.00	32.41 -1.93 0.00	22.34 -2.43 12.20	29.44 -2.48 -0.08	29.69 -2.62 0.00	33.58 -2.68 0.00	91.00 -6.03 0.67	52.21 -3.18 0.00	46.14 -2.95 0.00	50.55 -2.75 0.00	41.04 -2.63 1.11
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.93 1.51 0.00	35.67 1.41 0.00	36.93 1.25 0.00	34.27 1.15 0.00	31.22 1.06 0.00	42.48 1.32 0.00	58.77 1.99 0.00	67.43 2.62 0.00	43.30 1.86 0.00	35.39 1.64 0.00	38.67 1.83 0.00	37.05 1.80 0.00	38.21 1.98 0.00	32.87 1.96 0.00	36.72 2.37 0.00	42.89 2.77 -3.15	34.95 2.54 -0.57	34.85 2.54 0.00	38.94 2.68 0.00	103.99 6.28 0.00	58.64 3.24 0.00	52.02 2.93 0.00	56.53 3.23 0.00	47.42 2.64 0.00
MILLWOOD_13_KV_LOAD 356217	39.00 1.58 0.00	35.73 1.47 0.00	36.98 1.31 0.00	34.31 1.19 0.00	31.26 1.10 0.00	42.54 1.38 0.00	58.88 2.10 0.00	67.54 2.73 0.00	43.38 1.93 0.00	35.44 1.69 0.00	38.71 1.87 0.00	37.10 1.85 0.00	38.26 2.02 0.00	32.93 2.02 0.00	36.78 2.44 0.00	42.95 2.83 -3.15	34.98 2.57 -0.57	34.91 2.60 0.00	39.02 2.75 0.00	104.18 6.47 0.00	58.75 3.36 0.00	52.12 3.03 0.00	56.62 3.32 0.00	47.50 2.72 0.00
MODEL_CITY_ENERGY 24167	31.78 -2.63 3.02	27.97 -2.59 3.70	33.02 -2.65 0.00	30.56 -2.56 0.00	26.91 -1.71 1.55	39.02 -2.14 0.00	52.98 -3.80 0.00	58.13 -4.18 2.50	39.04 -2.40 0.00	31.52 -2.23 0.00	34.38 -2.46 0.00	32.65 -2.60 0.00	33.48 -2.76 0.00	28.60 -2.31 0.00	31.80 -2.55 0.00	20.59 -3.02 13.36	28.86 -3.06 -0.08	29.03 -3.28 0.00	32.72 -3.55 0.00	87.65 -9.31 0.74	50.19 -5.20 0.00	44.32 -4.77 0.00	48.73 -4.56 0.00	39.49 -4.07 1.22
MODERN_LFGE__ 323580	31.78 -2.63 3.02	27.97 -2.59 3.70	33.02 -2.65 0.00	30.56 -2.56 0.00	26.91 -1.71 1.55	39.02 -2.14 0.00	52.98 -3.80 0.00	58.13 -4.18 2.50	39.04 -2.23 0.00	31.52 -2.23 0.00	34.38 -2.46 0.00	32.65 -2.60 0.00	33.48 -2.76 0.00	28.60 -2.31 0.00	31.80 -2.55 0.00	20.59 -3.02 13.36	28.86 -3.06 -0.08	29.03 -3.28 0.00	32.72 -3.55 0.00	87.65 -9.31 0.74	50.19 -5.20 0.00	44.32 -4.77 0.00	48.73 -4.56 0.00	39.49 -4.07 1.22
MOHAWK_PAPER__DRP 24187	38.63 1.21 0.00	35.38 1.12 0.00	36.79 1.12 0.00	34.18 1.06 0.00	31.10 0.94 0.00	42.20 1.04 0.00	58.19 1.41 0.00	66.50 1.69 0.00	42.41 0.97 0.00	34.52 0.77 0.00	37.73 0.89 0.00	36.32 1.07 0.00	37.35 1.11 0.00	31.88 0.96 0.00	35.46 1.11 0.00	39.82 1.36 -1.49	33.70 1.20 -0.65	33.57 1.26 0.00	37.66 1.40 0.00	100.94 3.23 0.00	57.05 1.66 0.00	50.70 1.60 0.00	55.10 1.80 0.00	46.36 1.59 0.00
MOHICAN__35_KV_115KV_LD 80490	39.44 2.02 0.00	36.14 1.88 0.00	37.57 1.90 0.00	34.92 1.80 0.00	31.72 1.56 0.00	43.21 2.05 0.00	60.08 3.30 0.00	68.34 3.53 0.00	43.25 1.80 0.00	34.93 1.18 0.00	38.01 1.17 0.00	36.91 1.66 0.00	37.78 1.54 0.00	32.20 1.29 0.00	35.70 1.36 0.00	40.27 1.78 -1.52	34.15 1.64 -0.67	34.04 1.73 0.00	38.34 2.08 0.00	103.54 5.83 0.00	58.39 3.00 0.00	51.98 2.89 0.00	56.42 3.12 0.00	47.27 2.49 0.00
MONGAUP__HYD 23641	38.73 1.31 0.00	35.48 1.22 0.00	36.77 1.10 0.00	34.19 1.07 0.00	31.19 1.03 0.00	42.52 1.37 0.00	58.85 2.07 0.00	66.91 2.10 0.00	42.53 1.08 0.00	34.78 1.03 0.00	37.97 1.14 0.00	36.47 1.22 0.00	37.76 1.52 0.00	32.36 1.45 0.00	36.26 1.91 0.00	42.33 2.05 -3.30	34.29 1.91 -0.54	34.33 2.02 0.00	38.57 2.30 0.00	103.65 5.83 -0.11	58.55 3.15 0.00	51.92 2.83 0.00	56.35 3.06 0.00	47.43 2.47 -0.18

MONTAUK___DIESEL 23721	38.66 1.24 0.00	35.21 0.95 0.00	36.60 0.93 0.00	34.29 1.17 0.00	31.39 1.23 0.00	46.77 1.68 -3.93	65.02 3.86 -4.39	70.01 4.29 -0.90	44.79 3.34 0.00	36.04 2.29 0.00	39.47 2.63 0.00	37.33 2.08 0.00	38.09 1.85 0.00	32.24 1.33 0.00	42.34 1.79 -6.20	55.76 2.05 -16.74	49.07 2.12 -15.11	52.46 2.35 -17.81	42.78 2.82 -3.69	116.75 5.61 -13.43	81.81 2.99 -23.43	63.61 2.63 -11.89	61.47 2.94 -5.24	61.39 3.00 -13.61
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.82 -0.77 3.83	28.58 -0.99 4.69	34.58 -1.09 0.00	32.09 -1.03 0.00	27.80 -0.39 1.97	40.99 -0.17 0.00	55.98 -0.80 0.00	61.21 -0.37 3.23	41.60 0.16 0.00	33.58 -0.17 0.00	36.64 -0.19 0.00	34.87 -0.38 0.00	35.65 -0.59 0.00	30.23 -0.68 0.00	33.58 -0.76 0.00	18.43 -1.61 16.93	30.39 -1.55 -0.09	30.68 -1.63 0.00	34.70 -1.57 0.00	93.78 -2.99 0.94	53.74 -1.65 0.00	47.41 -1.68 0.00	51.58 -1.72 0.00	41.41 -1.81 1.55
MORRIS_RIDGE___SOLAR 323848	30.77 -1.80 4.85	26.44 -1.87 5.95	33.77 -1.90 0.00	31.26 -1.86 0.00	26.38 -1.28 2.50	39.96 -1.19 0.00	55.12 -1.66 0.00	58.75 -1.79 4.27	40.67 -0.78 0.00	32.84 -0.91 0.00	35.64 -1.20 0.00	34.03 -1.22 0.00	34.51 -1.73 0.00	29.13 -1.78 0.00	32.34 -2.00 0.00	12.72 -2.80 21.45	29.75 -2.20 -0.10	29.90 -2.41 0.00	33.97 -2.30 0.00	91.88 -4.64 1.19	52.97 -2.42 0.00	46.85 -2.24 0.00	51.22 -2.08 0.00	40.69 -2.13 1.96
MORTIMER_115KV_TB3 55949	34.33 -1.09 2.01	30.66 -1.15 2.46	34.52 -1.15 0.00	31.98 -1.14 0.00	28.49 -0.64 1.03	40.50 -0.66 0.00	55.57 -1.21 0.00	62.02 -1.15 1.65	40.97 -0.48 0.00	33.17 -0.57 0.00	36.10 -0.74 0.00	34.28 -0.97 0.00	35.13 -1.11 0.00	29.99 -0.93 0.00	33.32 -1.02 0.00	26.62 -1.37 8.98	30.54 -1.38 -0.07	30.84 -1.47 0.00	34.74 -1.53 0.00	93.54 -3.68 0.49	53.35 -2.04 0.00	47.17 -1.93 0.00	51.42 -1.88 0.00	42.16 -1.80 0.81
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.05 1.63 0.00	35.77 1.51 0.00	37.00 1.33 0.00	34.35 1.23 0.00	31.33 1.16 0.00	42.55 1.39 0.00	58.90 2.12 0.00	67.73 2.92 0.00	43.59 2.14 0.00	35.66 1.91 0.00	38.97 2.13 0.00	37.33 2.07 0.00	38.49 2.26 0.00	33.13 2.22 0.00	36.99 2.65 0.00	43.18 3.06 -3.14	35.23 2.82 -0.57	35.10 2.79 0.00	39.20 2.93 0.00	104.53 6.82 0.00	58.91 3.51 0.00	52.26 3.17 0.00	56.81 3.51 0.00	47.70 2.92 0.00
MUNSVILLE_WIND_PWR 323609	40.62 2.50 -0.69	37.27 2.15 -0.85	37.84 2.17 0.00	34.88 1.76 0.00	32.33 1.81 -0.36	44.07 2.91 0.00	61.70 4.93 0.00	72.94 5.12 -3.01	43.91 2.46 0.00	36.03 2.28 0.00	39.57 2.73 0.00	37.81 2.56 0.00	38.24 2.01 0.00	32.14 1.23 0.00	35.38 1.04 0.00	41.42 0.60 -3.85	32.69 0.62 -0.22	33.34 1.03 0.00	38.26 1.99 0.00	105.83 7.94 -0.18	60.13 4.73 0.00	53.10 4.01 0.00	57.51 4.21 0.00	48.27 3.19 -0.30
N SALMON___HYD 24042	37.46 0.04 0.00	34.25 -0.01 0.00	35.81 0.14 0.00	33.27 0.15 0.00	30.24 0.07 0.00	41.37 0.21 0.00	56.98 0.20 0.00	65.23 0.42 0.00	41.81 0.36 0.00	33.85 0.10 0.00	36.67 -0.16 0.00	34.94 -0.31 0.00	35.98 -0.26 0.00	30.78 -0.13 0.00	34.19 -0.16 0.00	36.72 -0.26 0.00	31.53 -0.32 0.00	32.14 -0.17 0.00	36.09 -0.18 0.00	98.28 0.57 0.00	56.02 0.63 0.00	49.32 0.23 0.00	53.24 -0.05 0.00	44.68 -0.10 0.00
N.AKRON__115KV_KNAPP 355671	32.91 -1.69 2.82	29.07 -1.74 3.46	33.90 -1.77 0.00	31.38 -1.74 0.00	27.72 -0.99 1.45	40.08 -1.09 0.00	54.58 -2.20 0.00	60.26 -2.22 2.34	40.32 -1.13 0.00	32.46 -1.29 0.00	35.21 -1.63 0.00	33.35 -1.90 0.00	34.18 -2.07 0.00	29.12 -1.79 0.00	32.39 -1.96 0.00	22.08 -2.39 12.51	29.38 -2.54 -0.08	29.61 -2.70 0.00	33.47 -2.80 0.00	90.42 -6.60 0.69	51.82 -3.57 0.00	45.80 -3.29 0.00	50.22 -3.08 0.00	40.77 -2.86 1.14
N.BELMOR_69_KV_BK1 55787	39.62 2.20 0.00	36.20 1.94 0.00	37.44 1.77 0.00	34.75 1.63 0.00	31.71 1.55 0.00	48.45 2.01 -5.28	65.54 2.86 -5.90	69.46 3.44 -1.21	43.88 2.43 0.00	35.74 1.99 0.00	38.96 2.12 0.00	37.29 2.04 0.00	38.54 2.30 0.00	33.11 2.19 0.00	45.46 2.78 -8.34	61.66 3.26 -21.42	54.97 3.00 -20.12	59.27 3.02 -23.94	44.40 3.18 -4.96	123.04 7.27 -18.06	90.70 3.81 -31.50	68.69 3.61 -15.99	64.41 4.07 -7.04	66.48 3.40 -18.30
N.E._GEN_SANDY PD 24062	38.75 1.33 0.00	35.92 1.28 -0.39	37.60 1.26 -0.67	35.86 1.17 -1.57	39.25 1.03 -8.05	51.95 1.26 -9.53	59.94 1.76 -1.41	69.81 2.11 -2.88	42.76 1.32 0.00	35.40 1.15 -0.50	29.70 1.34 8.48	36.76 1.46 -0.06	39.90 1.48 -2.18	63.00 1.39 -30.70	62.71 1.62 -26.75	50.87 1.96 -11.94	34.17 1.71 -0.62	34.04 1.74 0.00	38.11 1.81 -0.03	107.71 4.03 -5.97	66.26 2.08 -8.79	68.47 2.06 -17.32	78.95 2.36 -23.29	62.14 2.06 -15.30
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.95 1.54 0.00	35.67 1.41 0.00	36.92 1.25 0.00	34.25 1.13 0.00	31.20 1.04 0.00	42.49 1.33 0.00	58.78 2.01 0.00	67.43 2.62 0.00	43.28 1.84 0.00	35.39 1.64 0.00	38.67 1.84 0.00	37.06 1.81 0.00	38.22 1.98 0.00	32.89 1.97 0.00	36.75 2.40 0.00	42.97 2.80 -3.20	34.96 2.56 -0.56	34.87 2.56 0.00	38.98 2.71 0.00	104.24 6.43 -0.10	58.70 3.31 0.00	52.07 2.98 0.00	56.57 3.27 0.00	47.62 2.67 -0.17
N.QUEENS_27_KV_LOAD 356247	39.06 1.65 0.00	35.81 1.55 0.00	36.99 1.32 0.00	34.39 1.27 0.00	31.30 1.14 0.00	42.41 1.25 0.00	58.64 1.87 0.00	67.60 2.79 0.00	43.62 2.18 0.00	35.72 1.97 0.00	39.01 2.17 0.00	37.24 1.99 0.00	38.47 2.23 0.00	33.22 2.31 0.00	36.90 2.55 0.00	43.18 3.06 -3.14	35.25 2.84 -0.57	35.04 2.72 0.00	39.04 2.77 0.00	104.01 6.30 0.00	58.60 3.20 0.00	51.99 2.90 0.00	56.55 3.25 0.00	47.53 2.76 0.01
N.TROY___115KV_TB1 355778	38.74 1.32 0.00	35.49 1.23 0.00	36.92 1.24 0.00	34.28 1.16 0.00	31.17 1.01 0.00	42.41 1.25 0.00	58.56 1.78 0.00	66.83 2.02 0.00	42.56 1.12 0.00	34.63 0.88 0.00	37.83 0.99 0.00	36.43 1.18 0.00	37.42 1.18 0.00	31.93 1.02 0.00	35.52 1.18 0.00	39.92 1.45 -1.50	33.77 1.27 -0.66	33.65 1.34 0.00	37.74 1.47 0.00	101.24 3.53 0.00	57.22 1.83 0.00	50.90 1.81 0.00	55.34 2.04 0.00	46.51 1.74 0.00
NARROWS_GT1_1 24228	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT1_2 24229	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00

NARROWS_GT1_3 24230	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT1_4 24231	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT1_5 24232	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT1_6 24233	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT1_7 24234	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT1_8 24235	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 0.00	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT2_1 24236	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT2_2 24237	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT2_3 24238	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT2_4 24239	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT2_5 24240	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT2_6 24241	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT2_7 24242	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NARROWS_GT2_8 24243	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.01 1.59 0.00	35.73 1.47 0.00	37.18 1.51 0.00	34.53 1.41 0.00	31.42 1.26 0.00	42.63 1.47 0.00	58.88 2.10 0.00	67.19 2.38 0.00	42.63 1.18 0.00	34.52 0.77 0.00	37.67 0.83 0.00	36.37 1.12 0.00	37.65 1.42 0.00	32.13 1.22 0.00	35.67 1.33 0.00	39.72 1.31 -1.43	33.84 1.37 -0.63	33.69 1.38 0.00	37.86 1.60 0.00	102.18 4.48 0.00	57.93 2.54 0.00	51.45 2.36 0.00	55.86 2.56 0.00	46.93 2.15 0.00

NCHELSEA_115KV_TR2 355582	39.34 1.92 0.00	36.04 1.78 0.00	37.35 1.68 0.00	34.66 1.54 0.00	31.55 1.39 0.00	42.98 1.82 0.00	59.50 2.72 0.00	68.15 3.34 0.00	43.64 2.20 0.00	35.56 1.81 0.00	38.85 2.02 0.00	37.31 2.06 0.00	38.53 2.29 0.00	33.08 2.17 0.00	36.93 2.58 0.00	41.13 2.85 -1.30	35.05 2.63 -0.57	34.94 2.63 0.00	39.11 2.84 0.00	104.57 6.86 0.00	59.02 3.62 0.00	52.35 3.26 0.00	56.84 3.54 0.00	47.66 2.88 0.00
NEG CAPITAL___MECHNVIL 23645	39.29 1.87 0.00	35.97 1.71 0.00	37.42 1.75 0.00	34.73 1.61 0.00	31.49 1.33 0.00	42.91 1.75 0.00	59.40 2.62 0.00	67.68 2.87 0.00	42.95 1.50 0.00	34.82 1.07 0.00	38.04 1.20 0.00	36.77 1.52 0.00	37.68 1.44 0.00	32.13 1.22 0.00	35.73 1.38 0.00	40.16 1.67 -1.51	34.03 1.52 -0.67	33.99 1.68 0.00	38.16 1.89 0.00	102.70 4.99 0.00	58.03 2.63 0.00	51.58 2.49 0.00	56.03 2.74 0.00	47.02 2.24 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.18 -1.53 1.70	30.65 -1.52 2.09	34.11 -1.56 0.00	31.63 -1.49 0.00	28.24 -1.05 0.88	39.95 -1.21 0.00	54.93 -1.85 0.00	61.65 -1.89 1.27	40.49 -0.96 0.00	32.86 -0.88 0.00	35.76 -1.08 0.00	33.92 -1.33 0.00	34.76 -1.48 0.00	29.66 -1.25 0.00	32.94 -1.40 0.00	27.44 -1.79 7.74	30.25 -1.66 -0.07	30.55 -1.76 0.00	34.46 -1.81 0.00	92.81 -4.48 0.42	52.89 -2.51 0.00	46.76 -2.33 0.00	50.90 -2.39 0.00	41.88 -2.21 0.69
NEG CENTRAL___DRP 24199	35.15 -0.43 1.83	31.50 -0.51 2.25	35.14 -0.53 0.00	32.58 -0.54 0.00	28.94 -0.28 0.94	41.01 -0.15 0.00	56.67 -0.11 0.00	63.48 0.36 1.69	42.04 0.59 0.00	34.23 0.48 0.00	37.24 0.40 0.00	35.21 -0.04 0.00	35.93 -0.31 0.00	30.57 -0.34 0.00	33.99 -0.35 0.00	27.43 -0.73 8.81	31.28 -0.64 -0.08	31.62 -0.69 0.00	35.64 -0.63 0.00	96.16 -1.10 0.45	54.87 -0.52 0.00	48.60 -0.49 0.00	52.83 -0.46 0.00	43.50 -0.54 0.74
NEG CENTRAL___INDECK 23768	33.36 -0.16 3.89	29.10 -0.39 4.78	35.28 -0.39 0.00	32.71 -0.41 0.00	28.23 0.07 2.00	41.77 0.60 0.00	57.71 0.93 0.00	62.51 1.40 3.69	42.52 1.07 0.00	34.28 0.53 0.00	36.93 0.09 0.00	35.10 -0.15 0.00	35.63 -0.61 0.00	30.18 -0.74 0.00	33.48 -0.86 0.00	18.27 -1.45 17.25	30.86 -1.08 -0.09	30.99 -1.32 0.00	35.12 -1.15 0.00	95.91 -0.84 0.95	55.39 -0.01 0.00	49.00 -0.09 0.00	53.40 0.10 0.00	42.86 -0.35 1.57
NEG CENTRAL___SENECA 23627	34.23 -0.54 2.65	30.35 -0.65 3.26	35.00 -0.67 0.00	32.44 -0.68 0.00	28.45 -0.34 1.37	41.02 -0.14 0.00	56.61 -0.17 0.00	61.99 0.07 2.90	41.88 0.43 0.00	34.03 0.28 0.00	37.02 0.18 0.00	35.06 -0.19 0.00	35.72 -0.52 0.00	30.33 -0.58 0.00	33.70 -0.64 0.00	23.78 -1.11 12.08	31.05 -0.88 -0.08	31.43 -0.88 0.00	35.54 -0.73 0.00	95.77 -1.29 0.65	54.77 -0.62 0.00	48.47 -0.62 0.00	52.72 -0.58 0.00	43.00 -0.70 1.07
NEG CENTRAL___STATE_STREET 24147	36.25 -0.12 1.05	32.81 -0.17 1.28	35.60 -0.07 0.00	32.94 -0.18 0.00	29.59 -0.03 0.54	41.26 0.10 0.00	57.20 0.42 0.00	65.87 1.06 0.00	42.47 1.02 0.00	34.64 0.89 0.00	37.73 0.89 0.00	35.59 0.33 0.00	36.39 0.15 0.00	31.05 0.13 0.00	34.53 0.19 0.00	31.43 -0.07 5.48	31.70 -0.22 -0.08	32.08 -0.23 0.00	36.09 -0.18 0.00	97.52 0.07 0.25	55.52 0.12 0.00	49.17 0.08 0.00	53.42 0.12 0.00	44.38 0.03 0.42
NEG MILLWOOD___DRP 24198	39.26 1.84 0.00	35.96 1.70 0.00	37.25 1.58 0.00	34.56 1.44 0.00	31.48 1.32 0.00	42.88 1.72 0.00	59.36 2.59 0.00	68.27 3.45 0.00	43.81 2.36 0.00	35.79 2.04 0.00	39.11 2.28 0.00	37.49 2.24 0.00	38.70 2.46 0.00	33.13 2.22 0.00	36.94 2.59 0.00	41.21 2.93 -1.31	35.10 2.68 -0.58	35.02 2.71 0.00	39.17 2.91 0.00	104.73 7.02 0.00	59.07 3.67 0.00	52.39 3.30 0.00	56.89 3.59 0.00	47.69 2.92 0.00
NEG NORTH_FLCN_SEA 23793	37.68 0.26 0.00	34.47 0.21 0.00	35.99 0.32 0.00	33.44 0.32 0.00	30.43 0.27 0.00	41.52 0.36 0.00	57.25 0.47 0.00	65.43 0.62 0.00	41.86 0.41 0.00	33.92 0.17 0.00	36.85 0.01 0.00	35.24 -0.02 0.00	36.24 0.00 0.00	30.93 0.01 0.00	34.50 0.16 0.00	37.07 0.09 0.00	31.88 0.04 0.00	32.39 0.08 0.00	36.50 0.24 0.00	98.98 1.28 0.00	56.44 1.05 0.00	49.69 0.60 0.00	53.67 0.38 0.00	45.03 0.26 0.00
NEG NORTH_KES_CHATEGAY 23792	37.31 -0.11 0.00	34.11 -0.15 0.00	35.65 -0.03 0.00	33.12 0.00 0.00	30.10 -0.06 0.00	41.14 -0.02 0.00	56.70 -0.08 0.00	64.76 -0.05 0.00	41.41 -0.04 0.00	33.53 -0.22 0.00	36.39 -0.45 0.00	34.70 -0.55 0.00	35.73 -0.51 0.00	30.55 -0.36 0.00	33.95 -0.40 0.00	36.48 -0.49 0.00	31.40 -0.45 0.00	31.90 -0.41 0.00	35.98 -0.29 0.00	97.55 -0.16 0.00	55.64 0.24 0.00	49.03 -0.06 0.00	52.94 -0.36 0.00	44.40 -0.38 0.00
NEG NORTH___ALICE_FALLS 23915	37.70 0.29 0.00	34.48 0.22 0.00	36.00 0.33 0.00	33.46 0.34 0.00	30.44 0.28 0.00	41.57 0.41 0.00	57.28 0.51 0.00	65.56 0.75 0.00	41.92 0.48 0.00	33.94 0.20 0.00	36.85 0.01 0.00	35.22 -0.03 0.00	36.22 -0.02 0.00	30.92 0.01 0.00	34.48 0.14 0.00	37.01 0.04 0.00	31.83 -0.01 0.00	32.36 0.05 0.00	36.43 0.16 0.00	99.01 1.30 0.00	56.51 1.11 0.00	49.73 0.64 0.00	53.72 0.43 0.00	45.06 0.28 0.00
NEG NORTH___LWR_SARANAC 23913	37.70 0.29 0.00	34.48 0.22 0.00	36.00 0.33 0.00	33.46 0.34 0.00	30.44 0.28 0.00	41.57 0.41 0.00	57.28 0.51 0.00	65.56 0.75 0.00	41.92 0.48 0.00	33.94 0.20 0.00	36.85 0.01 0.00	35.22 -0.03 0.00	36.22 -0.02 0.00	30.92 0.01 0.00	34.48 0.14 0.00	37.01 0.04 0.00	31.83 -0.01 0.00	32.36 0.05 0.00	36.43 0.16 0.00	99.01 1.30 0.00	56.51 1.11 0.00	49.73 0.64 0.00	53.72 0.43 0.00	45.06 0.28 0.00
NEG NORTH___PLATTSBURG 23628	37.70 0.29 0.00	34.48 0.22 0.00	36.00 0.33 0.00	33.47 0.34 0.00	30.44 0.28 0.00	41.56 0.41 0.00	57.29 0.51 0.00	65.56 0.75 0.00	41.93 0.48 0.00	33.94 0.20 0.00	36.85 0.01 0.00	35.22 -0.03 0.00	36.22 -0.02 0.00	30.91 0.00 0.00	34.48 0.14 0.00	37.02 0.05 0.00	31.83 -0.01 0.00	32.36 0.05 0.00	36.43 0.16 0.00	99.01 1.30 0.00	56.51 1.11 0.00	49.73 0.64 0.00	53.72 0.43 0.00	45.06 0.29 0.00
NEG WEST_LEA_LOCKPORT 23791	32.18 -2.27 2.97	28.35 -2.28 3.64	33.35 -2.32 0.00	30.86 -2.26 0.00	27.19 -1.44 1.53	39.42 -1.74 0.00	53.59 -3.19 0.00	58.87 -3.47 2.46	39.51 -1.94 0.00	31.89 -1.86 0.00	34.73 -2.11 0.00	32.99 -2.26 0.00	33.81 -2.43 0.00	28.85 -2.06 0.00	32.10 -2.25 0.00	21.14 -2.68 13.16	29.15 -2.77 -0.08	29.34 -2.97 0.00	33.08 -3.19 0.00	88.81 -8.17 0.73	50.82 -4.57 0.00	44.89 -4.20 0.00	49.29 -4.00 0.00	39.97 -3.61 1.20
NEG WEST___LANCASTR 23811	31.61 -1.99 3.81	27.53 -2.06 4.67	33.55 -2.12 0.00	31.01 -2.11 0.00	26.80 -1.40 1.96	39.56 -1.60 0.00	54.10 -2.67 0.00	58.76 -2.89 3.16	39.93 -1.51 0.00	32.32 -1.43 0.00	35.29 -1.55 0.00	33.62 -1.63 0.00	34.40 -1.84 0.00	29.29 -1.62 0.00	32.63 -1.72 0.00	17.77 -2.36 16.84	29.65 -2.28 -0.09	29.93 -2.38 0.00	33.72 -2.55 0.00	90.38 -6.39 0.93	51.67 -3.72 0.00	45.58 -3.51 0.00	49.85 -3.45 0.00	40.01 -3.23 1.54

NEG_PENN_ALLEGHNY 23528	41.23 0.15 -3.66	38.82 0.07 -4.48	35.71 0.04 0.00	33.12 0.00 0.00	32.11 0.07 -1.88	41.37 0.21 0.00	57.25 0.48 0.00	65.95 0.47 -0.66	41.84 0.39 0.00	34.14 0.39 0.00	37.32 0.48 0.00	35.62 0.37 0.00	36.47 0.23 0.00	31.01 0.10 0.00	34.58 0.24 0.00	54.27 0.18 -17.11	32.31 0.26 -0.21	32.56 0.25 0.00	36.60 0.33 0.00	99.67 1.06 -0.91	55.87 0.48 0.00	49.50 0.41 0.00	53.82 0.52 0.00	46.60 0.33 -1.50
NEG___GEN_MONROE 24207	34.43 -0.94 2.05	30.72 -1.03 2.51	34.63 -1.04 0.00	32.09 -1.03 0.00	28.67 -0.43 1.05	40.74 -0.42 0.00	55.84 -0.94 0.00	62.30 -0.83 1.68	41.22 -0.23 0.00	33.30 -0.45 0.00	36.16 -0.67 0.00	34.24 -1.01 0.00	35.04 -1.20 0.00	29.89 -1.02 0.00	33.23 -1.11 0.00	26.33 -1.49 9.15	30.38 -1.53 -0.07	30.68 -1.63 0.00	34.62 -1.65 0.00	93.61 -3.60 0.50	53.46 -1.93 0.00	47.30 -1.80 0.00	51.56 -1.74 0.00	42.24 -1.71 0.82
NEPA___ENERGY 23901	32.39 -1.18 3.85	28.16 -1.38 4.72	34.22 -1.45 0.00	31.61 -1.51 0.00	27.26 -0.92 1.98	40.33 -0.83 0.00	55.22 -1.55 0.00	59.95 -1.68 3.18	40.76 -0.69 0.00	32.96 -0.78 0.00	36.13 -0.71 0.00	34.48 -0.77 0.00	35.38 -0.86 0.00	29.96 -0.96 0.00	33.51 -0.83 0.00	18.20 -1.74 17.04	30.53 -1.40 -0.09	30.87 -1.44 0.00	34.78 -1.49 0.00	93.18 -3.58 0.95	53.02 -2.37 0.00	46.74 -2.35 0.00	51.08 -2.22 0.00	40.97 -2.24 1.56
NEVERSINK___HYD 23608	39.58 1.74 -0.42	36.40 1.63 -0.51	37.25 1.58 0.00	34.58 1.45 0.00	31.71 1.33 -0.21	43.01 1.85 0.00	59.52 2.74 0.00	67.96 3.15 0.00	43.36 1.92 0.00	35.30 1.55 0.00	38.56 1.72 0.00	37.01 1.76 0.00	37.25 1.02 0.00	31.71 0.80 0.00	35.28 0.94 0.00	41.56 1.09 -3.50	33.43 1.05 -0.53	33.46 1.15 0.00	37.64 1.38 0.00	101.21 3.38 -0.12	58.63 3.24 0.00	52.00 2.91 0.00	56.45 3.16 0.00	47.52 2.54 -0.21
NEWKRMKL_115KV_TB1 55635	38.35 0.93 0.00	35.13 0.87 0.00	36.54 0.87 0.00	33.94 0.82 0.00	30.87 0.71 0.00	41.74 0.58 0.00	57.51 0.73 0.00	65.73 0.92 0.00	41.99 0.54 0.00	34.22 0.47 0.00	37.40 0.56 0.00	36.00 0.75 0.00	37.03 0.80 0.00	31.64 0.73 0.00	35.21 0.87 0.00	39.54 1.08 -1.48	33.49 0.99 -0.65	33.34 1.03 0.00	37.38 1.11 0.00	100.00 2.30 0.00	56.50 1.10 0.00	50.18 1.09 0.00	54.53 1.24 0.00	45.93 1.15 0.00
NEWTON___FALLS_HYD 23847	35.42 -2.00 0.00	32.53 -1.73 0.00	33.92 -1.75 0.00	31.64 -1.49 0.00	28.79 -1.37 0.00	39.55 -1.60 0.00	54.59 -2.19 0.00	62.09 -2.72 0.00	39.44 -2.01 0.00	31.81 -1.94 0.00	34.36 -2.48 0.00	32.82 -2.43 0.00	33.82 -2.42 0.00	28.92 -2.00 0.00	32.01 -2.34 0.00	34.37 -2.64 -0.04	29.57 -2.29 -0.02	30.14 -2.17 0.00	34.12 -2.14 0.00	93.27 -4.44 0.00	53.50 -1.90 0.00	47.13 -1.96 0.00	50.83 -2.47 0.00	42.66 -2.12 0.00
NGRID_A1_DSASP 323792	31.64 -2.73 3.05	27.84 -2.69 3.74	32.95 -2.72 0.00	30.49 -2.63 0.00	26.81 -1.78 1.57	38.93 -2.23 0.00	52.67 -4.11 0.00	57.50 -4.79 2.52	38.68 -2.77 0.00	31.26 -2.49 0.00	34.18 -2.66 0.00	32.64 -2.61 0.00	33.50 -2.74 0.00	28.63 -2.28 0.00	31.84 -2.50 0.00	20.51 -2.97 13.50	28.92 -3.00 -0.08	29.08 -3.24 0.00	32.52 -3.74 0.00	86.97 -9.99 0.75	49.72 -5.67 0.00	43.89 -5.21 0.00	48.28 -5.02 0.00	39.33 -4.22 1.23
NGRID_A2_DSASP 323793	31.64 -2.73 3.05	27.84 -2.69 3.74	32.95 -2.72 0.00	30.49 -2.63 0.00	26.81 -1.78 1.57	38.93 -2.23 0.00	52.67 -4.11 0.00	57.50 -4.79 2.52	38.68 -2.77 0.00	31.26 -2.49 0.00	34.18 -2.66 0.00	32.64 -2.61 0.00	33.50 -2.74 0.00	28.63 -2.28 0.00	31.84 -2.50 0.00	20.51 -2.97 13.50	28.92 -3.00 -0.08	29.08 -3.24 0.00	32.52 -3.74 0.00	86.97 -9.99 0.75	49.72 -5.67 0.00	43.89 -5.21 0.00	48.28 -5.02 0.00	39.33 -4.22 1.23
NGRID_A4_DSASP 323807	31.64 -2.73 3.05	27.84 -2.69 3.74	32.95 -2.72 0.00	30.49 -2.63 0.00	26.81 -1.78 1.57	38.93 -2.23 0.00	52.67 -4.11 0.00	57.50 -4.79 2.52	38.68 -2.77 0.00	31.26 -2.49 0.00	34.18 -2.66 0.00	32.64 -2.61 0.00	33.50 -2.74 0.00	28.63 -2.28 0.00	31.84 -2.50 0.00	20.51 -2.97 13.50	28.92 -3.00 -0.08	29.08 -3.24 0.00	32.52 -3.74 0.00	86.97 -9.99 0.75	49.72 -5.67 0.00	43.89 -5.21 0.00	48.28 -5.02 0.00	39.33 -4.22 1.23
NIAGARA_115E_LBMP 323715	31.53 -2.83 3.06	27.74 -2.77 3.75	32.81 -2.86 0.00	30.38 -2.74 0.00	26.73 -1.86 1.57	38.79 -2.37 0.00	52.64 -4.14 0.00	57.68 -4.59 2.53	38.77 -2.67 0.00	31.31 -2.44 0.00	34.19 -2.64 0.00	32.48 -2.77 0.00	33.31 -2.93 0.00	28.47 -2.44 0.00	31.64 -2.70 0.00	20.26 -3.17 13.54	28.72 -3.20 -0.08	28.87 -3.44 0.00	32.53 -3.74 0.00	87.06 -9.90 0.75	49.84 -5.56 0.00	44.01 -5.08 0.00	48.42 -4.88 0.00	39.21 -4.33 1.24
NIAGARA_115W_LBMP 323714	31.58 -2.80 3.04	27.78 -2.75 3.73	32.88 -2.79 0.00	30.42 -2.70 0.00	26.75 -1.85 1.56	38.85 -2.31 0.00	52.54 -4.24 0.00	57.33 -4.97 2.51	38.58 -2.87 0.00	31.17 -2.58 0.00	34.09 -2.74 0.00	32.57 -2.68 0.00	33.43 -2.81 0.00	28.59 -2.33 0.00	31.78 -2.57 0.00	20.41 -3.10 13.46	28.86 -3.07 -0.08	29.01 -3.30 0.00	32.44 -3.83 0.00	86.71 -10.25 0.75	49.59 -5.81 0.00	43.78 -5.31 0.00	48.19 -5.11 0.00	39.24 -4.31 1.23
NIAGARA_230_LBMP 323716	31.92 -2.53 2.97	28.11 -2.52 3.64	33.14 -2.53 0.00	30.66 -2.47 0.00	26.98 -1.66 1.53	39.12 -2.03 0.00	53.17 -3.61 0.00	58.30 -4.06 2.45	39.16 -2.28 0.00	31.65 -2.10 0.00	34.57 -2.27 0.00	32.88 -2.37 0.00	33.72 -2.52 0.00	28.82 -2.09 0.00	32.06 -2.29 0.00	20.97 -2.87 13.14	29.16 -2.77 -0.08	29.33 -2.98 0.00	32.99 -3.28 0.00	88.33 -8.65 0.73	50.50 -4.89 0.00	44.59 -4.51 0.00	48.93 -4.37 0.00	39.66 -3.92 1.20
NIAGARA___115KV_198_GIBSON 55903	31.58 -2.80 3.04	27.79 -2.74 3.73	32.88 -2.79 0.00	30.43 -2.69 0.00	26.76 -1.84 1.56	38.85 -2.31 0.00	52.54 -4.24 0.00	57.35 -4.95 2.51	38.58 -2.87 0.00	31.17 -2.57 0.00	34.09 -2.74 0.00	32.57 -2.68 0.00	33.44 -2.80 0.00	28.57 -2.34 0.00	31.78 -2.56 0.00	20.48 -3.03 13.46	28.86 -3.07 -0.08	29.01 -3.30 0.00	32.44 -3.83 0.00	86.71 -10.25 0.75	49.57 -5.83 0.00	43.78 -5.31 0.00	48.16 -5.13 0.00	39.24 -4.30 1.23
NIAGARA____ 23760	31.90 -2.53 2.99	28.08 -2.52 3.67	33.14 -2.53 0.00	30.66 -2.47 0.00	26.97 -1.66 1.54	39.12 -2.03 0.00	53.17 -3.61 0.00	58.27 -4.06 2.48	39.16 -2.28 0.00	31.65 -2.10 0.00	34.57 -2.27 0.00	32.88 -2.37 0.00	33.72 -2.52 0.00	28.82 -2.09 0.00	32.06 -2.29 0.00	20.89 -2.87 13.21	29.16 -2.77 -0.08	29.33 -2.98 0.00	32.99 -3.28 0.00	88.32 -8.65 0.74	50.50 -4.89 0.00	44.59 -4.51 0.00	48.93 -4.37 0.00	39.65 -3.92 1.21
NINE_MILE_1 23575	36.28 -1.14 0.00	33.22 -1.04 0.00	34.57 -1.11 0.00	32.09 -1.03 0.00	29.29 -0.87 0.00	40.01 -1.16 0.00	55.19 -1.59 0.00	62.96 -1.85 0.00	40.26 -1.19 0.00	32.80 -0.95 0.00	35.86 -0.98 0.00	34.26 -0.99 0.00	35.16 -1.08 0.00	30.01 -0.90 0.00	33.35 -0.99 0.00	35.94 -1.12 -0.08	30.88 -1.00 -0.04	31.25 -1.06 0.00	35.01 -1.26 0.00	94.35 -3.36 0.00	53.53 -1.87 0.00	47.47 -1.62 0.00	51.59 -1.71 0.00	43.38 -1.40 0.00

NINE_MILE_2 23744	36.28 -1.14 0.00	33.22 -1.04 0.00	34.57 -1.11 0.00	32.09 -1.03 0.00	29.29 -0.87 0.00	40.01 -1.15 0.00	55.19 -1.59 0.00	62.97 -1.85 0.00	40.26 -1.19 0.00	32.80 -0.95 0.00	35.86 -0.98 0.00	34.27 -0.99 0.00	35.17 -1.07 0.00	30.01 -0.90 0.00	33.36 -0.98 0.00	35.94 -1.11 -0.08	30.88 -1.00 -0.04	31.26 -1.06 0.00	35.01 -1.26 0.00	94.35 -3.36 0.00	53.53 -1.87 0.00	47.48 -1.61 0.00	51.59 -1.71 0.00	43.38 -1.40 0.00
NM_CAPITAL___DRP 24208	38.45 1.03 0.00	35.23 0.96 0.00	36.63 0.96 0.00	34.03 0.91 0.00	30.95 0.79 0.00	41.92 0.76 0.00	57.77 0.99 0.00	66.01 1.20 0.00	42.17 0.73 0.00	34.37 0.62 0.00	37.57 0.74 0.00	36.16 0.91 0.00	37.19 0.95 0.00	31.76 0.85 0.00	35.32 0.98 0.00	39.66 1.20 -1.48	33.58 1.09 -0.65	33.43 1.12 0.00	37.46 1.19 0.00	100.20 2.49 0.00	56.62 1.23 0.00	50.33 1.24 0.00	54.70 1.41 0.00	46.05 1.28 0.00
NM_CENTRAL___DRP 24181	36.92 -0.50 0.00	33.79 -0.47 0.00	35.15 -0.52 0.00	32.63 -0.50 0.00	29.80 -0.36 0.00	40.75 -0.41 0.00	56.25 -0.53 0.00	64.36 -0.45 0.00	41.23 -0.22 0.00	33.62 -0.12 0.00	36.74 -0.10 0.00	35.05 -0.20 0.00	35.90 -0.34 0.00	30.66 -0.25 0.00	34.06 -0.28 0.00	36.69 -0.42 -0.13	31.51 -0.39 -0.06	31.83 -0.48 0.00	35.69 -0.58 0.00	96.39 -1.32 0.00	54.62 -0.77 0.00	48.41 -0.68 0.00	52.61 -0.69 0.00	44.16 -0.61 0.00
NM_FRONTIER___DRP 24179	31.58 -2.80 3.04	27.79 -2.74 3.73	32.88 -2.79 0.00	30.43 -2.69 0.00	26.76 -1.84 1.56	38.85 -2.31 0.00	52.54 -4.24 0.00	57.35 -4.95 2.51	38.58 -2.87 0.00	31.17 -2.57 0.00	34.09 -2.74 0.00	32.57 -2.68 0.00	33.44 -2.80 0.00	28.57 -2.34 0.00	31.78 -2.56 0.00	20.48 -3.03 13.46	28.86 -3.07 -0.08	29.01 -3.30 0.00	32.44 -3.83 0.00	86.71 -10.25 0.75	49.57 -5.83 0.00	43.78 -5.31 0.00	48.16 -5.13 0.00	39.24 -4.30 1.23
NM_ST_REGIS___HYD 24053	35.78 -1.64 0.00	32.77 -1.49 0.00	34.22 -1.45 0.00	31.86 -1.26 0.00	28.92 -1.25 0.00	39.62 -1.54 0.00	54.56 -2.22 0.00	62.12 -2.69 0.00	39.64 -1.81 0.00	32.00 -1.75 0.00	34.66 -2.17 0.00	33.08 -2.17 0.00	34.15 -2.09 0.00	29.19 -1.72 0.00	32.37 -1.97 0.00	34.77 -2.23 -0.02	29.91 -1.94 -0.01	30.41 -1.90 0.00	34.31 -1.96 0.00	93.47 -4.24 0.00	53.54 -1.85 0.00	47.14 -1.95 0.00	50.84 -2.46 0.00	42.75 -2.02 0.00
NORTHPORT___1 23551	39.43 2.01 0.00	36.02 1.75 0.00	37.26 1.59 0.00	34.60 1.47 0.00	31.58 1.42 0.00	46.86 1.81 -3.88	63.57 2.45 -4.34	68.54 2.84 -0.89	43.49 2.04 0.00	35.39 1.64 0.00	38.55 1.71 0.00	36.87 1.62 0.00	38.11 1.87 0.00	32.77 1.86 0.00	42.87 2.40 -6.13	56.26 2.70 -16.59	49.40 2.61 -14.95	52.55 2.64 -17.61	42.62 2.71 -3.65	116.66 5.67 -13.28	81.57 3.01 -23.17	63.72 2.87 -11.76	61.85 3.38 -5.18	61.22 2.98 -13.46
NORTHPORT___2 23552	39.43 2.01 0.00	36.02 1.75 0.00	37.26 1.59 0.00	34.60 1.47 0.00	31.58 1.42 0.00	46.86 1.81 -3.88	63.57 2.45 -4.34	68.54 2.84 -0.89	43.49 2.04 0.00	35.39 1.64 0.00	38.55 1.71 0.00	36.87 1.62 0.00	38.11 1.87 0.00	32.77 1.86 0.00	42.87 2.40 -6.13	56.26 2.70 -16.59	49.40 2.61 -14.95	52.55 2.64 -17.61	42.62 2.71 -3.65	116.66 5.67 -13.28	81.57 3.01 -23.17	63.72 2.87 -11.76	61.85 3.38 -5.18	61.22 2.98 -13.46
NORTHPORT___3 23553	39.40 1.98 0.00	35.99 1.73 0.00	37.24 1.56 0.00	34.57 1.45 0.00	31.55 1.39 0.00	46.83 1.78 -3.89	63.52 2.39 -4.35	68.44 2.74 -0.89	43.40 1.95 0.00	35.32 1.57 0.00	38.49 1.65 0.00	36.81 1.56 0.00	38.06 1.82 0.00	32.72 1.81 0.00	42.83 2.34 -6.15	56.25 2.66 -16.62	49.41 2.58 -14.98	52.57 2.61 -17.65	42.58 2.66 -3.65	116.59 5.57 -13.31	81.56 2.94 -23.22	63.71 2.84 -11.78	61.81 3.32 -5.19	61.21 2.94 -13.49
NORTHPORT___4 23650	39.40 1.98 0.00	35.99 1.73 0.00	37.24 1.56 0.00	34.57 1.45 0.00	31.55 1.39 0.00	46.83 1.78 -3.89	63.52 2.39 -4.35	68.44 2.74 -0.89	43.40 1.95 0.00	35.32 1.57 0.00	38.49 1.65 0.00	36.81 1.56 0.00	38.06 1.82 0.00	32.72 1.81 0.00	42.83 2.34 -6.15	56.25 2.66 -16.62	49.41 2.58 -14.98	52.57 2.61 -17.65	42.58 2.66 -3.65	116.59 5.57 -13.31	81.56 2.94 -23.22	63.71 2.84 -11.78	61.81 3.32 -5.19	61.21 2.94 -13.49
NORTHPORT___IC 23718	39.43 2.01 0.00	36.02 1.75 0.00	37.26 1.59 0.00	34.60 1.48 0.00	31.57 1.41 0.00	46.86 1.81 -3.88	63.57 2.45 -4.34	68.53 2.82 -0.89	43.49 2.04 0.00	35.38 1.64 0.00	38.55 1.71 0.00	36.88 1.62 0.00	38.11 1.87 0.00	32.77 1.86 0.00	42.87 2.40 -6.13	56.25 2.69 -16.59	49.40 2.61 -14.95	52.55 2.63 -17.61	42.63 2.71 -3.65	116.66 5.67 -13.28	81.57 3.01 -23.17	63.72 2.87 -11.76	61.86 3.38 -5.18	61.22 2.98 -13.46
NORTH___COUNTRY_ESR 323785	37.19 -0.23 0.00	34.02 -0.24 0.00	35.54 -0.13 0.00	33.03 -0.09 0.00	30.02 -0.14 0.00	41.02 -0.14 0.00	56.52 -0.25 0.00	64.52 -0.29 0.00	41.27 -0.18 0.00	33.48 -0.26 0.00	36.38 -0.46 0.00	34.70 -0.55 0.00	35.72 -0.52 0.00	30.53 -0.38 0.00	33.94 -0.40 0.00	36.48 -0.50 0.00	31.39 -0.46 0.00	31.89 -0.42 0.00	35.94 -0.32 0.00	97.42 -0.29 0.00	55.49 0.09 0.00	48.91 -0.18 0.00	52.81 -0.49 0.00	44.31 -0.46 0.00
NPX_GEN_1385_PROXY 323591	39.43 2.01 0.00	36.02 1.75 0.00	37.26 1.59 0.00	34.60 1.47 0.00	29.88 1.42 1.69	46.86 1.81 -3.88	63.57 2.45 -4.34	68.54 2.84 -0.89	43.49 2.04 0.00	34.12 1.64 1.27	17.88 1.71 20.67	36.92 1.62 -0.05	33.43 1.87 4.68	32.77 1.86 0.00	42.87 2.40 -6.13	56.26 2.70 -16.59	57.93 2.61 -23.48	52.55 2.64 -17.61	42.62 2.71 -3.65	123.38 5.67 -20.00	77.99 3.01 -19.58	47.82 2.87 4.14	47.33 3.38 9.35	46.88 2.98 0.87
NPX_GEN_CSC 323557	39.67 2.25 0.00	36.21 1.94 0.00	37.48 1.81 0.00	34.82 1.70 0.00	30.11 1.65 1.69	47.23 2.14 -3.93	64.36 3.20 -4.39	69.40 3.69 -0.90	44.03 2.58 0.00	34.42 1.94 1.27	18.17 2.01 20.67	37.12 1.82 -0.05	33.58 2.03 4.68	32.87 1.96 0.00	43.14 2.59 -6.20	56.58 2.87 -16.73	58.26 2.78 -23.64	53.02 2.92 -17.80	43.17 3.21 -3.69	124.93 7.07 -20.15	79.06 3.83 -19.84	48.57 3.50 4.01	48.02 4.01 9.29	47.47 3.42 0.73
NSINS_S_GLNS_FALLS 23858	39.42 2.00 0.00	36.11 1.85 0.00	37.53 1.86 0.00	34.90 1.77 0.00	31.69 1.53 0.00	43.16 2.00 0.00	60.05 3.27 0.00	68.29 3.48 0.00	43.23 1.78 0.00	34.91 1.17 0.00	38.01 1.17 0.00	36.91 1.66 0.00	37.78 1.54 0.00	32.20 1.29 0.00	35.71 1.37 0.00	40.26 1.77 -1.52	34.15 1.64 -0.67	34.03 1.72 0.00	38.33 2.06 0.00	103.54 5.83 0.00	58.37 2.97 0.00	51.94 2.84 0.00	56.37 3.08 0.00	47.23 2.45 0.00
NUCOR_STEEL___DRP 24197	36.42 -0.13 0.87	33.02 -0.18 1.06	35.60 -0.07 0.00	32.93 -0.19 0.00	29.67 -0.05 0.45	41.23 0.07 0.00	57.16 0.38 0.00	66.28 1.08 -0.39	42.47 1.03 0.00	34.66 0.91 0.00	37.76 0.92 0.00	35.59 0.34 0.00	36.42 0.18 0.00	31.09 0.17 0.00	34.57 0.23 0.00	32.18 -0.01 4.78	31.72 -0.19 -0.07	32.11 -0.20 0.00	36.11 -0.16 0.00	97.58 0.08 0.21	55.51 0.11 0.00	49.16 0.07 0.00	53.41 0.11 0.00	44.46 0.03 0.35

NUMBER_THREE_WT_PWR 323818	35.86 -1.56 0.00	33.02 -1.24 0.00	34.38 -1.29 0.00	32.12 -1.00 0.00	29.32 -0.84 0.00	40.39 -0.77 0.00	55.87 -0.90 0.00	63.54 -1.27 0.00	40.23 -1.21 0.00	32.41 -1.33 0.00	34.88 -1.96 0.00	33.43 -1.82 0.00	34.33 -1.91 0.00	29.37 -1.54 0.00	32.45 -1.89 0.00	34.78 -2.25 -0.06	29.92 -1.95 -0.03	30.60 -1.71 0.00	34.83 -1.44 0.00	95.42 -2.29 0.00	54.72 -0.67 0.00	48.21 -0.88 0.00	51.96 -1.33 0.00	43.52 -1.26 0.00
NYISO_LBMP_REFERENCE 24008	37.42 0.00 0.00	34.26 0.00 0.00	35.67 0.00 0.00	33.12 0.00 0.00	30.16 0.00 0.00	41.16 0.00 0.00	56.78 0.00 0.00	64.81 0.00 0.00	41.45 0.00 0.00	33.75 0.00 0.00	36.84 0.00 0.00	35.25 0.00 0.00	36.24 0.00 0.00	30.91 0.00 0.00	34.34 0.00 0.00	36.97 0.00 0.00	31.84 0.00 0.00	32.31 0.00 0.00	36.27 0.00 0.00	97.71 0.00 0.00	55.39 0.00 0.00	49.09 0.00 0.00	53.30 0.00 0.00	44.78 0.00 0.00
NYPA_BRENTWD____GT 24164	39.83 2.41 0.00	36.35 2.09 0.00	37.61 1.94 0.00	34.91 1.79 0.00	31.87 1.71 0.00	47.37 2.23 -3.99	64.22 2.98 -4.45	69.20 3.47 -0.91	43.97 2.52 0.00	35.74 2.00 0.00	38.90 2.07 0.00	37.18 1.93 0.00	38.44 2.20 0.00	33.05 2.13 0.00	43.39 2.75 -6.29	57.01 3.09 -16.94	50.07 2.90 -15.32	53.45 3.07 -18.07	43.25 3.24 -3.74	118.58 7.24 -13.63	83.06 3.90 -23.77	64.57 3.41 -12.06	62.63 4.02 -5.31	62.09 3.50 -13.81
NYPA_GOWANUS____GT5 24156	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NYPA_GOWANUS____GT6 24157	39.28 1.86 0.00	35.97 1.71 0.00	37.15 1.48 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.15 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.29 2.38 0.00	37.15 2.81 0.00	43.39 3.27 -3.14	35.40 2.98 -0.57	35.24 2.93 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.73 0.00	52.47 3.37 0.00	57.04 3.75 0.00	47.92 3.15 0.00
NYPA_HARLEM__RVR__GT1 24160	39.03 1.61 0.00	35.77 1.51 0.00	36.95 1.28 0.00	34.35 1.23 0.00	31.27 1.11 0.00	42.38 1.22 0.00	58.62 1.84 0.00	67.54 2.74 0.00	43.57 2.12 0.00	35.66 1.91 0.00	38.95 2.12 0.00	37.19 1.94 0.00	38.42 2.18 0.00	33.16 2.25 0.00	36.84 2.50 0.00	43.13 3.01 -3.14	35.18 2.76 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.84 6.13 0.00	58.53 3.13 0.00	51.91 2.82 0.00	56.48 3.18 0.00	47.47 2.70 0.01
NYPA_HARLEM__RVR__GT2 24161	39.03 1.61 0.00	35.77 1.51 0.00	36.95 1.28 0.00	34.35 1.23 0.00	31.27 1.11 0.00	42.38 1.22 0.00	58.62 1.84 0.00	67.54 2.74 0.00	43.57 2.12 0.00	35.66 1.91 0.00	38.95 2.12 0.00	37.19 1.94 0.00	38.42 2.18 0.00	33.16 2.25 0.00	36.84 2.50 0.00	43.13 3.01 -3.14	35.18 2.76 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.84 6.13 0.00	58.53 3.13 0.00	51.91 2.82 0.00	56.48 3.18 0.00	47.47 2.70 0.01
NYPA_KENT____GT 24152	39.19 1.77 0.00	35.89 1.63 0.00	37.07 1.40 0.00	34.42 1.30 0.00	31.39 1.23 0.00	42.61 1.45 0.00	58.98 2.20 0.00	67.83 3.02 0.00	43.72 2.27 0.00	35.78 2.03 0.00	39.09 2.26 0.00	37.39 2.14 0.00	38.61 2.37 0.00	33.26 2.34 0.00	37.10 2.76 0.00	43.32 3.21 -3.14	35.33 2.92 -0.57	35.19 2.88 0.00	39.26 2.99 0.00	104.72 7.01 0.00	59.01 3.61 0.00	52.34 3.25 0.00	56.91 3.61 0.00	47.82 3.04 0.00
NYPA_POUCH1____GT 24155	39.35 1.93 0.00	36.08 1.82 0.00	37.23 1.56 0.00	34.57 1.45 0.00	31.47 1.32 0.00	42.75 1.59 0.00	59.18 2.41 0.00	68.02 3.21 0.00	43.74 2.29 0.00	35.78 2.03 0.00	39.07 2.23 0.00	37.36 2.11 0.00	38.58 2.34 0.00	33.23 2.32 0.00	37.10 2.75 0.00	43.34 3.22 -3.14	35.36 2.95 -0.57	35.19 2.88 0.00	39.28 3.01 0.00	104.85 7.14 0.00	59.10 3.70 0.00	52.45 3.36 0.00	57.03 3.74 0.00	47.96 3.18 0.00
NYPA_VERNON____GT2 24162	39.09 1.67 0.00	35.80 1.54 0.00	36.99 1.32 0.00	34.35 1.23 0.00	31.34 1.18 0.00	42.53 1.37 0.00	58.86 2.08 0.00	67.70 2.89 0.00	43.65 2.21 0.00	35.74 1.99 0.00	39.05 2.21 0.00	37.36 2.12 0.00	38.56 2.32 0.00	33.22 2.31 0.00	37.05 2.70 0.00	43.26 3.14 -3.14	35.27 2.86 -0.57	35.12 2.81 0.00	39.20 2.93 0.00	104.48 6.76 0.00	58.87 3.48 0.00	52.22 3.13 0.00	56.77 3.48 0.00	47.71 2.93 0.00
NYPA_VERNON____GT3 24163	39.09 1.67 0.00	35.80 1.54 0.00	36.99 1.32 0.00	34.35 1.23 0.00	31.34 1.18 0.00	42.53 1.37 0.00	58.86 2.08 0.00	67.70 2.89 0.00	43.65 2.21 0.00	35.74 1.99 0.00	39.05 2.21 0.00	37.36 2.12 0.00	38.56 2.32 0.00	33.22 2.31 0.00	37.05 2.70 0.00	43.26 3.14 -3.14	35.27 2.86 -0.57	35.12 2.81 0.00	39.20 2.93 0.00	104.48 6.76 0.00	58.87 3.48 0.00	52.22 3.13 0.00	56.77 3.48 0.00	47.71 2.93 0.00
NYPA__ASTORIA_CC1 323568	39.04 1.63 0.00	35.76 1.50 0.00	36.95 1.28 0.00	34.32 1.20 0.00	31.32 1.15 0.00	42.48 1.32 0.00	58.77 1.99 0.00	67.63 2.82 0.00	43.60 2.16 0.00	35.70 1.95 0.00	38.99 2.16 0.00	37.31 2.06 0.00	38.50 2.26 0.00	33.18 2.27 0.00	36.98 2.64 0.00	43.20 3.09 -3.14	35.22 2.81 -0.57	35.08 2.77 0.00	39.13 2.87 0.00	104.31 6.60 0.00	58.80 3.40 0.00	52.14 3.05 0.00	56.68 3.39 0.00	47.64 2.86 0.00
NYPA__ASTORIA_CC2 323569	39.04 1.63 0.00	35.76 1.50 0.00	36.95 1.28 0.00	34.32 1.20 0.00	31.32 1.15 0.00	42.48 1.32 0.00	58.77 1.99 0.00	67.63 2.82 0.00	43.60 2.16 0.00	35.70 1.95 0.00	38.99 2.16 0.00	37.31 2.06 0.00	38.50 2.26 0.00	33.18 2.27 0.00	36.98 2.64 0.00	43.20 3.09 -3.14	35.22 2.81 -0.57	35.08 2.77 0.00	39.13 2.87 0.00	104.31 6.60 0.00	58.80 3.40 0.00	52.14 3.05 0.00	56.68 3.39 0.00	47.64 2.86 0.00
NYPA__HOLTSVILL 23794	39.62 2.21 0.00	36.16 1.90 0.00	37.43 1.76 0.00	34.75 1.63 0.00	31.73 1.57 0.00	47.11 2.03 -3.92	64.06 2.89 -4.38	69.09 3.38 -0.90	43.83 2.38 0.00	35.60 1.85 0.00	38.76 1.92 0.00	37.03 1.78 0.00	38.26 2.02 0.00	32.88 1.97 0.00	43.13 2.59 -6.19	56.58 2.89 -16.72	49.70 2.76 -15.09	52.96 2.87 -17.78	43.03 3.08 -3.68	117.86 6.74 -13.41	82.41 3.62 -23.40	64.31 3.34 -11.87	62.38 3.85 -5.23	61.67 3.30 -13.59
NYPA__HELLGATE_GT1 24158	39.03 1.61 0.00	35.77 1.51 0.00	36.95 1.28 0.00	34.35 1.23 0.00	31.27 1.11 0.00	42.38 1.22 0.00	58.62 1.84 0.00	67.49 2.69 0.00	43.55 2.11 0.00	35.66 1.91 0.00	38.95 2.12 0.00	37.19 1.94 0.00	38.42 2.18 0.00	33.16 2.25 0.00	36.84 2.50 0.00	43.12 3.00 -3.14	35.18 2.76 -0.57	34.97 2.66 0.00	38.98 2.71 0.00	103.84 6.13 0.00	58.53 3.13 0.00	51.91 2.82 0.00	56.48 3.18 0.00	47.51 2.73 0.00

NYPA_____HELLGATE_GT2 24159	39.03	35.77	36.95	34.35	31.27	42.38	58.62	67.49	43.55	35.66	38.95	37.19	38.42	33.16	36.84	43.12	35.18	34.97	38.98	103.84	58.53	51.91	56.48	47.51
	1.61	1.51	1.28	1.23	1.11	1.22	1.84	2.69	2.11	1.91	2.12	1.94	2.18	2.25	2.50	3.00	2.76	2.66	2.71	6.13	3.13	2.82	3.18	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.14	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE___HYD 23848	32.23	28.40	33.35	30.86	27.21	39.43	53.58	58.89	39.50	31.87	34.70	32.95	33.78	28.86	32.07	21.23	29.12	29.32	33.05	88.74	50.81	44.89	49.30	39.97
	-2.27	-2.28	-2.32	-2.26	-1.44	-1.74	-3.20	-3.50	-1.94	-1.87	-2.14	-2.30	-2.46	-2.06	-2.28	-2.76	-2.80	-2.99	-3.22	-8.25	-4.58	-4.20	-4.00	-3.62
	2.93	3.59	0.00	0.00	1.51	0.00	0.00	2.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.98	-0.08	0.00	0.00	0.72	0.00	0.00	0.00	1.18
OAK ORCHARD___HYD 24046	34.33	30.65	34.52	31.98	28.49	40.50	55.57	62.01	40.97	33.17	36.10	34.28	35.13	29.99	33.32	26.59	30.54	30.84	34.74	93.54	53.36	47.17	51.42	42.15
	-1.09	-1.15	-1.15	-1.14	-0.64	-0.66	-1.20	-1.16	-0.48	-0.58	-0.74	-0.97	-1.11	-0.92	-1.02	-1.41	-1.37	-1.47	-1.53	-3.67	-2.03	-1.92	-1.87	-1.81
	2.01	2.46	0.00	0.00	1.03	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.98	-0.07	0.00	0.00	0.49	0.00	0.00	0.00	0.81
OAKDALE___35_KV_LOAD 356122	41.60	39.29	35.68	33.10	32.30	41.32	57.17	65.78	41.76	34.07	37.24	35.57	36.41	30.97	34.56	56.14	32.30	32.54	36.56	99.63	55.78	49.43	53.75	46.72
	0.11	0.03	0.02	-0.03	0.04	0.16	0.39	0.34	0.31	0.32	0.40	0.32	0.17	0.06	0.22	0.22	0.25	0.24	0.29	0.91	0.38	0.34	0.45	0.28
	-4.07	-5.00	0.00	0.00	-2.10	0.00	0.00	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.95	-0.20	0.00	0.00	-1.01	0.00	0.00	0.00	-1.67
OCC_CHEM___DRP 24175	31.64	27.84	32.95	30.49	26.81	38.93	52.67	57.50	38.68	31.26	34.18	32.64	33.50	28.63	31.84	20.51	28.92	29.08	32.52	86.97	49.72	43.89	48.28	39.33
	-2.73	-2.69	-2.72	-2.63	-1.78	-2.23	-4.11	-4.79	-2.77	-2.49	-2.66	-2.61	-2.74	-2.28	-2.50	-2.97	-3.00	-3.24	-3.74	-9.99	-5.67	-5.21	-5.02	-4.22
	3.05	3.74	0.00	0.00	1.57	0.00	0.00	2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.50	-0.08	0.00	0.00	0.75	0.00	0.00	0.00	1.23
OH_GEN_PROXY 24063	31.96	28.14	33.19	30.70	25.31	39.18	53.31	58.47	39.26	30.48	13.99	33.03	29.14	28.91	32.15	21.01	37.80	29.45	33.13	95.45	47.11	28.86	34.55	25.42
	-2.48	-2.47	-2.48	-2.42	-1.63	-1.98	-3.47	-3.90	-2.18	-2.00	-2.18	-2.27	-2.42	-2.01	-2.20	-2.79	-2.66	-2.86	-3.14	-8.25	-4.71	-4.34	-4.22	-3.82
	2.98	3.65	0.00	0.00	3.22	0.00	0.00	2.45	0.00	1.27	20.67	-0.05	4.68	0.00	0.00	13.18	-8.61	0.00	0.00	-5.99	3.58	15.90	14.52	15.54
OLIN_CORP_DRP 24177	31.54	27.75	32.88	30.44	26.77	38.87	52.74	57.80	38.85	31.38	34.26	32.56	33.38	28.52	31.71	20.23	28.79	28.95	32.61	87.30	49.94	44.11	48.50	39.28
	-2.78	-2.72	-2.79	-2.68	-1.81	-2.29	-4.04	-4.45	-2.59	-2.37	-2.58	-2.69	-2.86	-2.39	-2.63	-3.04	-3.14	-3.36	-3.65	-9.64	-5.45	-4.99	-4.80	-4.25
	3.10	3.80	0.00	0.00	1.59	0.00	0.00	2.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.71	-0.08	0.00	0.00	0.76	0.00	0.00	0.00	1.25
OLIN_CORP_DSASP 323712	31.64	27.84	32.95	30.49	26.81	38.93	52.67	57.50	38.68	31.26	34.18	32.64	33.50	28.63	31.84	20.51	28.92	29.08	32.52	86.97	49.72	43.89	48.28	39.33
	-2.73	-2.69	-2.72	-2.63	-1.78	-2.23	-4.11	-4.79	-2.77	-2.49	-2.66	-2.61	-2.74	-2.28	-2.50	-2.97	-3.00	-3.24	-3.74	-9.99	-5.67	-5.21	-5.02	-4.22
	3.05	3.74	0.00	0.00	1.57	0.00	0.00	2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.50	-0.08	0.00	0.00	0.75	0.00	0.00	0.00	1.23
ONEIDA_HERK_LFGE 323681	37.21	34.14	35.51	33.07	30.21	41.45	57.33	65.18	41.31	33.44	36.28	34.78	35.60	30.42	33.74	36.15	31.15	31.75	36.07	98.31	56.09	49.54	53.57	44.85
	-0.21	-0.12	-0.16	-0.05	0.05	0.29	0.55	0.37	-0.14	-0.31	-0.56	-0.47	-0.64	-0.49	-0.61	-0.88	-0.72	-0.55	-0.20	0.61	0.70	0.45	0.28	0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA___115KV_TB4 55905	38.03	34.80	36.18	33.62	30.70	42.02	58.08	66.04	41.97	34.13	37.35	35.75	36.49	31.15	34.59	37.16	31.99	32.45	36.73	99.70	56.75	50.23	54.47	45.64
	0.61	0.54	0.51	0.50	0.54	0.86	1.30	1.23	0.52	0.38	0.52	0.50	0.26	0.24	0.25	0.10	0.10	0.14	0.46	1.99	1.35	1.14	1.18	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	37.21	34.04	35.41	32.88	30.02	41.05	56.71	65.33	41.60	33.96	37.09	35.35	36.16	30.88	34.32	35.06	31.75	32.05	35.96	97.17	55.12	48.85	53.05	44.51
	-0.21	-0.22	-0.26	-0.24	-0.14	-0.10	-0.07	0.12	0.16	0.21	0.25	0.10	-0.08	-0.03	-0.03	-0.18	-0.17	-0.25	-0.31	-0.54	-0.27	-0.24	-0.25	-0.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA___COGEN 23986	36.55	33.27	35.35	32.80	29.67	40.97	56.59	65.10	41.85	34.14	37.26	35.38	36.21	30.92	34.36	33.46	31.72	32.01	35.88	96.84	54.98	48.72	52.93	44.21
	-0.30	-0.30	-0.32	-0.32	-0.20	-0.19	-0.18	0.28	0.41	0.40	0.43	0.13	-0.02	0.01	0.01	-0.16	-0.18	-0.30	-0.39	-0.73	-0.41	-0.37	-0.37	-0.34
	0.57	0.69	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.35	-0.06	0.00	0.00	0.14	0.00	0.00	0.00	0.22
ONTARIO___LFGE 23819	34.23	30.35	35.00	32.44	28.45	41.02	56.62	61.98	41.88	34.03	37.02	35.05	35.72	30.34	33.70	23.69	31.04	31.43	35.54	95.77	54.77	48.47	52.72	42.98
	-0.54	-0.66	-0.67	-0.69	-0.34	-0.14	-0.16	0.06	0.44	0.28	0.18	-0.20	-0.52	-0.58	-0.64	-1.20	-0.88	-0.88	-0.73	-1.29	-0.62	-0.62	-0.58	-0.72
	2.65	3.26	0.00	0.00	1.37	0.00	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.08	-0.08	0.00	0.00	0.65	0.00	0.00	0.00	1.07
ORANGEVILLE_WT_PWR 323706	31.20	27.02	33.65	31.13	26.62	39.85	54.67	58.84	40.34	32.58	35.45	33.78	34.38	29.17	32.39	15.41	29.56	29.72	33.68	90.91	52.34	46.27	50.63	40.46
	-1.96	-2.02	-2.02	-1.99	-1.35	-1.31	-2.11	-2.29	-1.11	-1.16	-1.39	-1.47	-1.85	-1.75	-1.95	-2.73	-2.38	-2.60	-2.59	-5.75	-3.06	-2.83	-2.67	-2.59
	4.26	5.22	0.00	0.00	2.19	0.00	0.00	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.83	-0.10	0.00	0.00	1.04	0.00	0.00	0.00	1.72
ORANGEVILLE___ESR 323794	31.20	27.02	33.65	31.13	26.62	39.85	54.67	58.84	40.34	32.58	35.45	33.78	34.38	29.17	32.39	15.41	29.56	29.72	33.68	90.91	52.34	46.27	50.63	40.46
	-1.96	-2.02	-2.02	-1.99	-1.35	-1.31	-2.11	-2.29	-1.11	-1.16	-1.39	-1.47	-1.85	-1.75	-1.95	-2.73	-2.38	-2.60	-2.59	-5.75	-3.06	-2.83	-2.67	-2.59
	4.26	5.22	0.00	0.00	2.19	0.00	0.00	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.83	-0.10	0.00	0.00	1.04	0.00	0.00	0.00	1.72

OSWEGATCHIE___HYD 24044	35.42 -2.00 0.00	32.53 -1.73 0.00	33.92 -1.75 0.00	31.64 -1.48 0.00	28.79 -1.37 0.00	39.55 -1.60 0.00	54.59 -2.19 0.00	62.10 -2.71 0.00	39.44 -2.01 0.00	31.81 -1.94 0.00	34.36 -2.48 0.00	32.82 -2.43 0.00	33.82 -2.41 0.00	28.92 -2.00 0.00	32.01 -2.34 0.00	34.38 -2.64 -0.04	29.57 -2.29 -0.02	30.14 -2.17 0.00	34.13 -2.14 0.00	93.27 -4.43 0.00	53.50 -1.90 0.00	47.13 -1.96 0.00	50.83 -2.47 0.00	42.66 -2.11 0.00
OSWEGO___5 23606	36.52 -0.90 0.00	33.43 -0.83 0.00	34.79 -0.88 0.00	32.29 -0.83 0.00	29.47 -0.69 0.00	40.27 -0.89 0.00	55.56 -1.22 0.00	63.29 -1.52 0.00	40.44 -1.00 0.00	32.95 -0.80 0.00	36.02 -0.82 0.00	34.40 -0.85 0.00	35.31 -0.93 0.00	30.14 -0.78 0.00	33.49 -0.86 0.00	36.07 -0.98 -0.08	31.01 -0.86 -0.04	31.43 -0.88 0.00	35.26 -1.01 0.00	95.09 -2.62 0.00	53.94 -1.46 0.00	47.82 -1.27 0.00	51.97 -1.33 0.00	43.68 -1.09 0.00
OSWEGO___6 23613	36.52 -0.90 0.00	33.43 -0.83 0.00	34.79 -0.88 0.00	32.29 -0.83 0.00	29.47 -0.69 0.00	40.27 -0.89 0.00	55.56 -1.22 0.00	63.29 -1.52 0.00	40.44 -1.00 0.00	32.95 -0.80 0.00	36.02 -0.82 0.00	34.40 -0.85 0.00	35.31 -0.93 0.00	30.14 -0.78 0.00	33.49 -0.86 0.00	36.07 -0.98 -0.08	31.01 -0.86 -0.04	31.43 -0.88 0.00	35.26 -1.01 0.00	95.09 -2.62 0.00	53.94 -1.46 0.00	47.82 -1.27 0.00	51.97 -1.33 0.00	43.68 -1.09 0.00
OUTOKUMPU-AB___DRP 24206	32.35 -1.92 3.15	28.41 -1.98 3.87	33.64 -2.03 0.00	31.12 -2.00 0.00	27.33 -1.21 1.62	39.76 -1.40 0.00	54.05 -2.73 0.00	59.17 -3.02 2.62	39.81 -1.63 0.00	32.15 -1.59 0.00	35.13 -1.71 0.00	33.44 -1.81 0.00	34.23 -2.01 0.00	29.21 -1.70 0.00	32.49 -1.85 0.00	20.71 -2.30 13.97	29.52 -2.40 -0.08	29.72 -2.59 0.00	33.43 -2.83 0.00	89.63 -7.31 0.77	51.25 -4.14 0.00	45.28 -3.81 0.00	49.70 -3.60 0.00	40.31 -3.20 1.27
OXBOW___BTM 323836	32.15 -2.17 3.10	28.26 -2.20 3.80	33.44 -2.23 0.00	30.92 -2.20 0.00	27.18 -1.38 1.60	39.52 -1.64 0.00	53.60 -3.18 0.00	58.59 -3.65 2.57	39.42 -2.02 0.00	31.85 -1.90 0.00	34.80 -2.03 0.00	33.18 -2.07 0.00	34.01 -2.23 0.00	29.05 -1.88 0.00	32.30 -2.05 0.00	20.67 -2.56 13.73	29.34 -2.58 -0.08	29.52 -2.79 0.00	33.12 -3.15 0.00	88.69 -8.27 0.76	50.71 -4.68 0.00	44.78 -4.31 0.00	49.23 -4.07 0.00	39.97 -3.55 1.25
OXBOW___ 24026	32.14 -2.17 3.10	28.26 -2.20 3.80	33.44 -2.23 0.00	30.93 -2.19 0.00	27.19 -1.38 1.60	39.52 -1.64 0.00	53.60 -3.18 0.00	58.61 -3.63 2.57	39.42 -2.03 0.00	31.85 -1.90 0.00	34.81 -2.03 0.00	33.18 -2.07 0.00	34.01 -2.23 0.00	29.04 -1.88 0.00	32.30 -2.05 0.00	20.75 -2.49 13.73	29.34 -2.58 -0.08	29.52 -2.79 0.00	33.12 -3.15 0.00	88.68 -8.27 0.76	50.71 -4.69 0.00	44.78 -4.31 0.00	49.20 -4.09 0.00	39.99 -3.53 1.25
OXY_CHEM_DSASP 323612	31.64 -2.73 3.05	27.84 -2.69 3.74	32.95 -2.72 0.00	30.49 -2.63 0.00	26.81 -1.78 1.57	38.93 -2.23 0.00	52.67 -4.11 0.00	57.50 -4.79 2.52	38.68 -2.77 0.00	31.26 -2.49 0.00	34.18 -2.66 0.00	32.64 -2.61 0.00	33.50 -2.74 0.00	28.63 -2.28 0.00	31.84 -2.50 0.00	20.51 -2.97 13.50	28.92 -3.00 -0.08	29.08 -3.24 0.00	32.52 -3.74 0.00	86.97 -9.99 0.75	49.72 -5.67 0.00	43.89 -5.21 0.00	48.28 -5.02 0.00	39.33 -4.22 1.23
OZONE_PARK_ESR 323760	39.31 1.89 0.00	36.00 1.74 0.00	37.20 1.53 0.00	34.53 1.41 0.00	31.50 1.34 0.00	42.80 1.64 0.00	59.29 2.51 0.00	68.25 3.44 0.00	43.94 2.49 0.00	35.95 2.20 0.00	39.27 2.43 0.00	37.63 2.38 0.00	38.79 2.55 0.00	33.37 2.46 0.00	37.27 2.93 0.00	43.50 3.38 -3.14	35.53 3.11 -0.57	35.40 3.09 0.00	39.52 3.25 0.00	105.40 7.69 0.00	59.41 4.02 0.00	52.70 3.60 0.00	57.28 3.99 0.00	48.06 3.29 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.64 -2.73 3.05	27.84 -2.69 3.74	32.95 -2.72 0.00	30.49 -2.63 0.00	26.81 -1.78 1.57	38.93 -2.23 0.00	52.67 -4.11 0.00	57.50 -4.79 2.52	38.68 -2.77 0.00	31.26 -2.49 0.00	34.18 -2.66 0.00	32.64 -2.61 0.00	33.50 -2.74 0.00	28.63 -2.28 0.00	31.84 -2.50 0.00	20.51 -2.97 13.50	28.92 -3.00 -0.08	29.08 -3.24 0.00	32.52 -3.74 0.00	86.97 -9.99 0.75	49.72 -5.67 0.00	43.89 -5.21 0.00	48.28 -5.02 0.00	39.33 -4.22 1.23
PACKARD___115KV_DUPONT_184 80571	31.63 -2.74 3.05	27.83 -2.69 3.74	32.95 -2.72 0.00	30.48 -2.64 0.00	26.80 -1.79 1.57	38.93 -2.23 0.00	52.67 -4.11 0.00	57.49 -4.80 2.52	38.68 -2.77 0.00	31.26 -2.49 0.00	34.18 -2.66 0.00	32.64 -2.61 0.00	33.50 -2.74 0.00	28.65 -2.27 0.00	31.84 -2.50 0.00	20.44 -3.04 13.50	28.92 -3.00 -0.08	29.07 -3.24 0.00	32.53 -3.74 0.00	86.94 -10.02 0.75	49.74 -5.66 0.00	43.89 -5.20 0.00	48.31 -4.99 0.00	39.31 -4.24 1.23
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.07 1.65 0.00	35.78 1.52 0.00	36.97 1.30 0.00	34.35 1.23 0.00	31.28 1.12 0.00	42.45 1.29 0.00	58.73 1.95 0.00	67.65 2.84 0.00	43.62 2.18 0.00	35.70 1.95 0.00	38.99 2.16 0.00	37.25 1.99 0.00	38.48 2.24 0.00	33.17 2.26 0.00	36.89 2.55 0.00	43.12 3.01 -3.14	35.18 2.76 -0.57	34.99 2.68 0.00	39.04 2.76 0.00	104.08 6.37 0.00	58.68 3.28 0.00	52.08 2.99 0.00	56.63 3.33 0.00	47.62 2.84 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.99 2.57 0.00	36.60 2.33 0.00	37.84 2.17 0.00	35.21 2.09 0.00	32.09 1.93 0.00	43.64 2.48 0.00	60.31 3.53 0.00	69.54 4.73 0.00	44.74 3.29 0.00	36.58 2.84 0.00	39.96 3.12 0.00	38.13 2.88 0.00	39.43 3.19 0.00	33.92 3.00 0.00	37.76 3.42 0.00	44.05 3.93 -3.14	35.93 3.51 -0.57	35.82 3.51 0.00	39.93 3.66 0.00	106.36 8.66 0.00	59.97 4.58 0.00	53.21 4.12 0.00	57.88 4.58 0.00	48.61 3.83 0.00
PATROON___115KV_TB1 80586	38.44 1.02 0.00	35.22 0.95 0.00	36.62 0.95 0.00	34.02 0.90 0.00	30.94 0.78 0.00	41.86 0.70 0.00	57.70 0.92 0.00	65.94 1.13 0.00	42.10 0.66 0.00	34.31 0.56 0.00	37.51 0.67 0.00	36.12 0.87 0.00	37.15 0.91 0.00	31.72 0.81 0.00	35.31 0.96 0.00	39.63 1.17 -1.49	33.57 1.08 -0.66	33.44 1.13 0.00	37.48 1.22 0.00	100.30 2.59 0.00	56.68 1.28 0.00	50.33 1.24 0.00	54.70 1.40 0.00	46.05 1.27 0.00
PATTRSNVILLE___SOLAR 323815	38.53 1.11 0.00	35.28 1.02 0.00	36.71 1.04 0.00	34.09 0.97 0.00	31.05 0.89 0.00	42.42 1.26 0.00	58.74 1.97 0.00	66.66 1.85 0.00	42.02 0.58 0.00	34.07 0.32 0.00	37.22 0.38 0.00	35.89 0.63 0.00	36.82 0.58 0.00	31.27 0.35 0.00	34.89 0.55 0.00	39.26 0.73 -1.55	33.11 0.58 -0.68	33.11 0.80 0.00	37.27 1.01 0.00	100.90 3.19 0.00	57.31 1.92 0.00	50.88 1.79 0.00	55.30 2.01 0.00	46.42 1.64 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.92 -1.87 3.63	27.88 -1.94 4.45	33.69 -1.98 0.00	31.15 -1.98 0.00	27.04 -1.25 1.87	39.76 -1.40 0.00	54.34 -2.44 0.00	59.20 -2.60 3.02	40.13 -1.32 0.00	32.45 -1.30 0.00	35.41 -1.43 0.00	33.72 -1.54 0.00	34.49 -1.74 0.00	29.39 -1.52 0.00	32.70 -1.64 0.00	18.69 -2.25 16.04	29.71 -2.22 -0.09	29.98 -2.33 0.00	33.80 -2.47 0.00	90.69 -6.13 0.89	51.85 -3.54 0.00	45.77 -3.32 0.00	50.07 -3.22 0.00	40.26 -3.05 1.46

PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.26 1.84 0.00	35.96 1.70 0.00	37.25 1.58 0.00	34.56 1.44 0.00	31.48 1.32 0.00	42.88 1.72 0.00	59.36 2.59 0.00	68.27 3.45 0.00	43.81 2.36 0.00	35.79 2.04 0.00	39.11 2.28 0.00	37.49 2.24 0.00	38.70 2.46 0.00	33.13 2.22 0.00	36.94 2.59 0.00	41.21 2.93 -1.31	35.10 2.68 -0.58	35.02 2.71 0.00	39.17 2.91 0.00	104.73 7.02 0.00	59.07 3.67 0.00	52.39 3.30 0.00	56.89 3.59 0.00	47.69 2.92 0.00
PEEKSKILL____ 23653	38.89 1.48 0.00	35.63 1.37 0.00	36.88 1.21 0.00	34.23 1.11 0.00	31.18 1.02 0.00	42.44 1.28 0.00	58.71 1.94 0.00	67.37 2.56 0.00	43.26 1.81 0.00	35.35 1.60 0.00	38.62 1.78 0.00	37.00 1.75 0.00	38.17 1.93 0.00	32.84 1.93 0.00	36.70 2.36 0.00	42.88 2.75 -3.16	34.92 2.50 -0.57	34.82 2.51 0.00	38.92 2.65 0.00	103.94 6.23 0.00	58.60 3.20 0.00	51.98 2.89 0.00	56.48 3.18 0.00	47.39 2.61 0.00
PGE MADISON__WINDPWR 24146	40.62 2.50 -0.69	37.27 2.15 -0.85	37.84 2.17 0.00	34.89 1.76 0.00	32.33 1.81 -0.36	44.07 2.91 0.00	61.71 4.93 0.00	72.95 5.13 -3.01	43.91 2.46 0.00	36.03 2.28 0.00	39.57 2.73 0.00	37.80 2.56 0.00	38.24 2.01 0.00	32.14 1.23 0.00	35.38 1.04 0.00	41.44 0.62 -3.85	32.69 0.62 -0.22	33.34 1.03 0.00	38.26 1.99 0.00	105.83 7.93 -0.18	60.13 4.73 0.00	53.11 4.02 0.00	57.51 4.21 0.00	48.28 3.20 -0.30
PIERCEFIELD__HYD 23852	35.78 -1.64 0.00	32.77 -1.49 0.00	34.22 -1.45 0.00	31.86 -1.26 0.00	28.92 -1.25 0.00	39.62 -1.54 0.00	54.56 -2.22 0.00	62.12 -2.69 0.00	39.64 -1.81 0.00	32.00 -1.75 0.00	34.66 -2.17 0.00	33.08 -2.17 0.00	34.15 -2.09 0.00	29.19 -1.72 0.00	32.37 -1.97 0.00	34.77 -2.23 -0.02	29.91 -1.94 -0.01	30.41 -1.90 0.00	34.31 -1.96 0.00	93.47 -4.24 0.00	53.54 -1.85 0.00	47.14 -1.95 0.00	50.84 -2.46 0.00	42.75 -2.02 0.00
PINELAWN_CC_1 323563	39.70 2.28 0.00	36.22 1.96 0.00	37.44 1.77 0.00	34.76 1.64 0.00	31.72 1.56 0.00	47.47 2.04 -4.28	64.43 2.87 -4.78	69.18 3.39 -0.98	43.81 2.37 0.00	35.62 1.87 0.00	38.78 1.94 0.00	37.08 1.83 0.00	38.34 2.10 0.00	33.00 2.09 0.00	43.73 2.64 -6.75	58.04 3.12 -17.94	51.08 2.84 -16.40	54.66 2.97 -19.38	43.41 3.13 -4.01	119.38 7.05 -14.62	84.69 3.78 -25.51	65.54 3.51 -12.94	62.98 3.99 -5.70	62.97 3.37 -14.82
PJM_GEN_HTP_PROXY 323702	39.07 1.65 0.00	35.77 1.51 0.00	36.98 1.31 0.00	34.34 1.22 0.00	31.32 1.16 0.00	42.98 1.39 -0.43	58.92 2.14 0.00	67.77 2.96 0.00	43.64 2.19 0.00	34.76 1.97 0.96	30.53 2.20 8.51	37.44 2.14 -0.06	38.54 2.30 0.00	33.16 2.25 0.00	37.06 2.71 0.00	43.23 3.11 -3.14	35.28 2.87 -0.57	35.16 2.85 0.00	39.25 2.98 0.00	108.05 6.93 -3.41	71.88 3.58 -12.91	65.48 3.21 -13.18	70.88 3.54 -14.03	47.74 2.96 0.00
PJM_GEN_KEystone 24065	34.86 -0.35 2.20	31.10 -0.47 2.70	35.08 -0.60 0.00	32.47 -0.65 0.00	28.66 -0.37 1.13	41.20 -0.39 -0.43	56.16 -0.62 0.00	62.44 -0.55 1.81	41.38 -0.07 0.00	32.77 -0.02 0.96	28.39 0.06 8.51	35.34 0.03 -0.06	36.30 0.06 0.00	31.04 0.13 0.00	34.69 0.35 0.00	28.22 0.12 8.87	32.43 0.26 -0.33	32.54 0.23 0.00	36.48 0.21 0.00	100.89 0.29 -2.88	68.11 -0.19 -12.91	62.00 -0.28 -13.18	67.24 -0.09 -14.03	43.62 -0.29 0.87
PJM_GEN_NEPTUNE_PROXY 323594	39.28 1.86 0.00	35.90 1.63 0.00	37.15 1.48 0.00	34.48 1.36 0.00	31.46 1.30 0.00	46.94 1.66 -4.12	63.24 2.34 -4.13	68.48 2.82 -0.85	43.51 2.06 0.00	34.48 1.70 0.96	30.15 1.82 8.51	37.06 1.75 -0.06	38.25 2.01 0.00	32.88 1.97 0.00	42.64 2.48 -5.83	55.76 2.87 -15.92	48.75 2.68 -14.23	51.73 2.70 -16.73	42.54 2.81 -3.46	119.97 6.23 -16.03	93.60 3.29 -34.92	76.51 3.07 -24.35	75.74 3.49 -18.95	60.53 2.97 -12.79
PJM_GEN_VFT_PROXY 323633	38.89 1.47 0.00	35.60 1.34 0.00	36.80 1.13 0.00	34.16 1.04 0.00	31.17 1.01 0.00	42.77 1.18 -0.43	58.61 1.83 0.00	67.44 2.63 0.00	43.44 1.99 0.00	34.60 1.81 0.96	30.35 2.02 8.51	37.26 1.95 -0.06	38.37 2.14 0.00	33.04 2.12 0.00	36.90 2.56 0.00	43.11 2.99 -3.14	35.14 2.73 -0.57	35.01 2.70 0.00	39.08 2.81 0.00	107.58 6.46 -3.41	71.65 3.34 -12.91	65.26 2.99 -13.18	70.66 3.33 -14.03	47.55 2.77 0.00
PLATSBURG_115KV_PMLD1 355749	37.65 0.23 0.00	34.45 0.19 0.00	35.97 0.30 0.00	33.43 0.31 0.00	30.41 0.25 0.00	41.49 0.33 0.00	57.20 0.42 0.00	65.39 0.58 0.00	41.82 0.37 0.00	33.89 0.15 0.00	36.82 -0.02 0.00	35.21 -0.04 0.00	36.21 -0.03 0.00	30.90 -0.01 0.00	34.48 0.13 0.00	37.05 0.07 0.00	31.86 0.02 0.00	32.37 0.06 0.00	36.48 0.21 0.00	98.92 1.21 0.00	56.42 1.02 0.00	49.66 0.57 0.00	53.65 0.35 0.00	45.00 0.22 0.00
PLEASANTVLY__LBMP 24000	38.76 1.34 0.00	35.55 1.28 0.00	36.84 1.17 0.00	34.19 1.07 0.00	31.11 0.95 0.00	42.32 1.16 0.00	58.52 1.75 0.00	67.08 2.27 0.00	43.04 1.59 0.00	35.15 1.40 0.00	38.41 1.58 0.00	36.83 1.58 0.00	37.96 1.72 0.00	32.62 1.71 0.00	36.40 2.06 0.00	40.71 2.41 -1.33	34.68 2.25 -0.59	34.55 2.25 0.00	38.64 2.37 0.00	103.18 5.47 0.00	58.20 2.81 0.00	51.66 2.57 0.00	56.13 2.83 0.00	47.10 2.32 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.06 1.65 0.00	35.80 1.54 0.00	37.05 1.38 0.00	34.40 1.28 0.00	31.33 1.17 0.00	42.62 1.46 0.00	58.97 2.19 0.00	67.70 2.89 0.00	43.48 2.03 0.00	35.53 1.78 0.00	38.83 1.99 0.00	37.20 1.95 0.00	38.36 2.12 0.00	33.00 2.09 0.00	36.87 2.53 0.00	43.02 2.91 -3.13	35.08 2.66 -0.57	34.99 2.68 0.00	39.09 2.83 0.00	104.33 6.62 0.00	58.81 3.42 0.00	52.17 3.08 0.00	56.69 3.40 0.00	47.58 2.80 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.06 1.65 0.00	35.80 1.54 0.00	37.05 1.38 0.00	34.40 1.28 0.00	31.33 1.17 0.00	42.62 1.46 0.00	58.97 2.19 0.00	67.70 2.89 0.00	43.48 2.03 0.00	35.53 1.78 0.00	38.83 1.99 0.00	37.20 1.95 0.00	38.36 2.12 0.00	33.00 2.09 0.00	36.87 2.53 0.00	43.02 2.91 -3.13	35.08 2.66 -0.57	34.99 2.68 0.00	39.09 2.83 0.00	104.33 6.62 0.00	58.81 3.42 0.00	52.17 3.08 0.00	56.69 3.40 0.00	47.58 2.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.15 1.74 0.00	35.88 1.62 0.00	37.20 1.53 0.00	34.52 1.40 0.00	31.41 1.25 0.00	42.77 1.62 0.00	59.19 2.41 0.00	67.80 2.99 0.00	43.40 1.95 0.00	35.38 1.63 0.00	38.63 1.79 0.00	37.08 1.83 0.00	38.31 2.07 0.00	32.87 1.96 0.00	36.68 2.34 0.00	40.88 2.58 -1.32	34.82 2.39 -0.58	34.73 2.42 0.00	38.90 2.63 0.00	104.06 6.35 0.00	58.74 3.34 0.00	52.13 3.03 0.00	56.61 3.32 0.00	47.48 2.70 0.00
POLETTI____ 23519	39.01 1.59 0.00	35.74 1.48 0.00	36.94 1.27 0.00	34.31 1.19 0.00	31.29 1.13 0.00	42.50 1.34 0.00	58.83 2.05 0.00	67.70 2.88 0.00	43.61 2.16 0.00	35.69 1.94 0.00	39.01 2.17 0.00	37.35 2.10 0.00	38.51 2.27 0.00	33.16 2.25 0.00	37.03 2.68 0.00	43.20 3.09 -3.14	35.25 2.84 -0.57	35.13 2.82 0.00	39.21 2.95 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.27 3.17 0.00	56.85 3.55 0.00	47.74 2.97 0.00

POMONA___ESR 323819	38.95 1.53 0.00	35.67 1.41 0.00	36.92 1.25 0.00	34.26 1.14 0.00	31.20 1.04 0.00	42.49 1.33 0.00	58.79 2.01 0.00	67.43 2.62 0.00	43.28 1.84 0.00	35.39 1.64 0.00	38.67 1.84 0.00	37.06 1.81 0.00	38.22 1.98 0.00	32.88 1.97 0.00	36.75 2.40 0.00	42.99 2.81 -3.20	34.96 2.56 -0.56	34.87 2.56 0.00	38.98 2.71 0.00	104.24 6.43 -0.10	58.71 3.31 0.00	52.07 2.98 0.00	56.56 3.26 0.00	47.62 2.67 -0.17
PORT_JEFF_3 23555	39.70 2.28 0.00	36.24 1.98 0.00	37.50 1.83 0.00	34.82 1.70 0.00	31.79 1.63 0.00	47.21 2.12 -3.93	64.20 3.03 -4.39	69.24 3.52 -0.90	43.93 2.48 0.00	35.67 1.92 0.00	38.82 1.98 0.00	37.09 1.84 0.00	38.33 2.08 0.00	32.94 2.02 0.00	43.21 2.66 -6.20	56.67 2.96 -16.73	49.78 2.83 -15.11	53.06 2.95 -17.80	43.14 3.19 -3.69	118.18 7.05 -13.43	82.62 3.80 -23.42	64.47 3.49 -11.88	62.54 4.01 -5.23	61.79 3.40 -13.61
PORT_JEFF_4 23616	39.70 2.28 0.00	36.24 1.98 0.00	37.50 1.83 0.00	34.82 1.70 0.00	31.79 1.63 0.00	47.21 2.12 -3.93	64.20 3.03 -4.39	69.24 3.52 -0.90	43.93 2.48 0.00	35.67 1.92 0.00	38.82 1.98 0.00	37.09 1.84 0.00	38.33 2.08 0.00	32.94 2.02 0.00	43.21 2.66 -6.20	56.67 2.96 -16.73	49.78 2.83 -15.11	53.06 2.95 -17.80	43.14 3.19 -3.69	118.18 7.05 -13.43	82.62 3.80 -23.42	64.47 3.49 -11.88	62.54 4.01 -5.23	61.79 3.40 -13.61
PORT_JEFF_IC 23713	39.77 2.35 0.00	36.29 2.03 0.00	37.55 1.88 0.00	34.87 1.75 0.00	31.84 1.68 0.00	47.27 2.18 -3.94	64.31 3.13 -4.40	69.35 3.63 -0.90	43.99 2.55 0.00	35.70 1.95 0.00	38.86 2.02 0.00	37.12 1.87 0.00	38.36 2.12 0.00	32.97 2.06 0.00	43.27 2.71 -6.21	56.74 3.00 -16.77	49.85 2.87 -15.14	53.16 3.01 -17.84	43.24 3.28 -3.69	118.47 7.31 -13.46	82.81 3.94 -23.48	64.62 3.61 -11.91	62.67 4.13 -5.25	61.91 3.49 -13.64
PPL PILGRIM_ST_GT1 24216	39.83 2.41 0.00	36.35 2.09 0.00	37.61 1.94 0.00	34.91 1.79 0.00	31.87 1.71 0.00	47.37 2.23 -3.99	64.22 2.98 -4.45	69.20 3.47 -0.91	43.97 2.52 0.00	35.74 2.00 0.00	38.90 2.07 0.00	37.18 1.93 0.00	38.44 2.20 0.00	33.05 2.13 0.00	43.39 2.75 -6.29	57.01 3.09 -16.94	50.07 2.90 -15.32	53.45 3.07 -18.07	43.25 3.24 -3.74	118.58 7.24 -13.63	83.06 3.90 -23.77	64.57 3.41 -12.06	62.63 4.02 -5.31	62.09 3.50 -13.81
PPL PILGRIM_ST_GT2 24217	39.83 2.41 0.00	36.35 2.09 0.00	37.61 1.94 0.00	34.91 1.79 0.00	31.87 1.71 0.00	47.37 2.23 -3.99	64.22 2.98 -4.45	69.20 3.47 -0.91	43.97 2.52 0.00	35.74 2.00 0.00	38.90 2.07 0.00	37.18 1.93 0.00	38.44 2.20 0.00	33.05 2.13 0.00	43.39 2.75 -6.29	57.01 3.09 -16.94	50.07 2.90 -15.32	53.45 3.07 -18.07	43.25 3.24 -3.74	118.58 7.24 -13.63	83.06 3.90 -23.77	64.57 3.41 -12.06	62.63 4.02 -5.31	62.09 3.50 -13.81
PPL_SHRM_GT3 24213	39.69 2.27 0.00	36.22 1.96 0.00	37.48 1.81 0.00	34.83 1.71 0.00	31.82 1.66 0.00	47.25 2.16 -3.93	64.39 3.22 -4.39	69.43 3.72 -0.90	44.04 2.59 0.00	35.69 1.94 0.00	38.83 2.00 0.00	37.06 1.81 0.00	38.26 2.02 0.00	32.87 1.95 0.00	43.14 2.59 -6.21	56.57 2.85 -16.75	49.76 2.79 -15.12	53.05 2.92 -17.82	43.19 3.23 -3.69	118.27 7.12 -13.44	82.68 3.84 -23.45	64.52 3.53 -11.90	62.56 4.02 -5.24	61.84 3.44 -13.62
PPL_SHRM_GT4 24214	39.69 2.27 0.00	36.22 1.96 0.00	37.48 1.81 0.00	34.83 1.71 0.00	31.82 1.66 0.00	47.25 2.16 -3.93	64.39 3.22 -4.39	69.43 3.72 -0.90	44.04 2.59 0.00	35.69 1.94 0.00	38.83 2.00 0.00	37.06 1.81 0.00	38.26 2.02 0.00	32.87 1.95 0.00	43.14 2.59 -6.21	56.57 2.85 -16.75	49.76 2.79 -15.12	53.05 2.92 -17.82	43.19 3.23 -3.69	118.27 7.12 -13.44	82.68 3.84 -23.45	64.52 3.53 -11.90	62.56 4.02 -5.24	61.84 3.44 -13.62
PROJECT___ORANGE 1 24174	36.94 -0.47 0.00	33.81 -0.46 0.00	35.17 -0.50 0.00	32.65 -0.47 0.00	29.82 -0.34 0.00	40.77 -0.39 0.00	56.27 -0.51 0.00	64.39 -0.42 0.00	41.26 -0.18 0.00	33.65 -0.09 0.00	36.78 -0.06 0.00	35.08 -0.16 0.00	35.94 -0.30 0.00	30.69 -0.23 0.00	34.10 -0.25 0.00	36.73 -0.38 -0.13	31.55 -0.35 -0.06	31.87 -0.44 0.00	35.72 -0.55 0.00	96.41 -1.30 0.00	54.66 -0.74 0.00	48.45 -0.64 0.00	52.64 -0.66 0.00	44.20 -0.58 0.00
PROJECT___ORANGE 2 24166	36.94 -0.47 0.00	33.81 -0.46 0.00	35.17 -0.50 0.00	32.65 -0.47 0.00	29.82 -0.34 0.00	40.77 -0.39 0.00	56.27 -0.51 0.00	64.39 -0.42 0.00	41.26 -0.18 0.00	33.65 -0.09 0.00	36.78 -0.06 0.00	35.08 -0.16 0.00	35.94 -0.30 0.00	30.69 -0.23 0.00	34.10 -0.25 0.00	36.73 -0.38 -0.13	31.55 -0.35 -0.06	31.87 -0.44 0.00	35.72 -0.55 0.00	96.41 -1.30 0.00	54.66 -0.74 0.00	48.45 -0.64 0.00	52.64 -0.66 0.00	44.20 -0.58 0.00
PUCKETT___SOLAR 323809	41.02 0.68 -2.91	38.38 0.55 -3.57	36.21 0.54 0.00	33.51 0.39 0.00	32.07 0.41 -1.50	41.89 0.73 0.00	58.31 1.53 0.00	67.33 1.56 -0.96	42.30 0.86 0.00	34.60 0.85 0.00	37.89 1.06 0.00	36.17 0.92 0.00	36.85 0.61 0.00	31.15 0.23 0.00	34.56 0.21 0.00	50.94 0.12 -13.84	32.25 0.18 -0.22	32.68 0.37 0.00	37.01 0.74 0.00	101.05 2.61 -0.73	56.82 1.43 0.00	50.34 1.25 0.00	54.69 1.39 0.00	47.00 1.03 -1.20
PYRITES___HYD 24023	36.80 -0.62 0.00	33.67 -0.59 0.00	35.17 -0.50 0.00	32.73 -0.39 0.00	29.74 -0.42 0.00	40.76 -0.40 0.00	56.10 -0.68 0.00	63.64 -1.17 0.00	40.43 -1.02 0.00	32.58 -1.17 0.00	35.27 -1.57 0.00	33.65 -1.60 0.00	34.81 -1.42 0.00	29.74 -1.17 0.00	32.97 -1.37 0.00	35.39 -1.60 -0.02	30.44 -1.41 -0.01	30.95 -1.36 0.00	34.98 -1.29 0.00	95.58 -2.13 0.00	55.06 -0.33 0.00	48.48 -0.61 0.00	52.26 -1.04 0.00	43.84 -0.93 0.00
QUAKERRD_115KV_BK1 80622	33.89 -1.73 1.80	30.36 -1.70 2.20	33.93 -1.74 0.00	31.45 -1.67 0.00	28.03 -1.20 0.92	39.72 -1.44 0.00	54.56 -2.22 0.00	61.04 -2.32 1.45	40.18 -1.27 0.00	32.59 -1.16 0.00	35.49 -1.34 0.00	33.72 -1.53 0.00	34.57 -1.67 0.00	29.49 -1.42 0.00	32.78 -1.57 0.00	26.97 -1.92 8.08	30.10 -1.81 -0.07	30.40 -1.91 0.00	34.23 -2.04 0.00	92.13 -5.14 0.44	52.50 -2.90 0.00	46.44 -2.65 0.00	50.57 -2.73 0.00	41.59 -2.47 0.72
QUENSBRY_115KV_TB8 356137	39.43 2.01 0.00	36.14 1.88 0.00	37.56 1.89 0.00	34.94 1.82 0.00	31.74 1.58 0.00	43.23 2.07 0.00	60.17 3.39 0.00	68.45 3.64 0.00	43.34 1.89 0.00	34.99 1.25 0.00	38.03 1.19 0.00	36.98 1.73 0.00	37.83 1.59 0.00	32.24 1.33 0.00	35.71 1.37 0.00	40.26 1.77 -1.52	34.15 1.64 -0.67	34.02 1.71 0.00	38.34 2.07 0.00	103.62 5.91 0.00	58.37 2.98 0.00	51.97 2.88 0.00	56.41 3.11 0.00	47.24 2.47 0.00
RAMAPO___LBMP 323565	38.81 1.39 0.00	35.54 1.28 0.00	36.79 1.12 0.00	34.13 1.01 0.00	31.09 0.93 0.00	42.35 1.19 0.00	58.57 1.79 0.00	67.18 2.36 0.00	43.11 1.67 0.00	35.24 1.49 0.00	38.50 1.67 0.00	36.89 1.64 0.00	38.06 1.83 0.00	32.74 1.83 0.00	36.59 2.25 0.00	42.82 2.64 -3.21	34.81 2.41 -0.56	34.71 2.40 0.00	38.81 2.54 0.00	103.85 6.03 -0.10	58.48 3.08 0.00	51.86 2.77 0.00	56.35 3.06 0.00	47.45 2.50 -0.17

RANKINE____ 23646	32.09 -1.82 3.51	28.07 -1.90 4.30	33.75 -1.92 0.00	31.21 -1.91 0.00	27.17 -1.18 1.81	39.90 -1.26 0.00	54.44 -2.34 0.00	59.40 -2.49 2.93	40.18 -1.26 0.00	32.47 -1.28 0.00	35.43 -1.40 0.00	33.70 -1.55 0.00	34.51 -1.73 0.00	29.39 -1.52 0.00	32.69 -1.65 0.00	19.23 -2.22 15.52	29.71 -2.23 -0.09	29.93 -2.38 0.00	33.76 -2.51 0.00	90.62 -6.23 0.86	51.85 -3.54 0.00	45.79 -3.30 0.00	50.14 -3.16 0.00	40.39 -2.97 1.42
RAVENSWOOD_GT2_1 24244	39.02 1.60 0.00	35.75 1.48 0.00	36.96 1.29 0.00	34.32 1.20 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.70 2.89 0.00	43.60 2.16 0.00	35.69 1.94 0.00	39.00 2.17 0.00	37.35 2.10 0.00	38.50 2.27 0.00	33.15 2.24 0.00	37.03 2.68 0.00	43.20 3.08 -3.14	35.25 2.83 -0.57	35.13 2.82 0.00	39.21 2.94 0.00	104.55 6.84 0.00	58.91 3.52 0.00	52.26 3.17 0.00	56.84 3.55 0.00	47.73 2.95 0.00
RAVENSWOOD_GT2_2 24245	39.02 1.60 0.00	35.75 1.48 0.00	36.96 1.29 0.00	34.32 1.20 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.70 2.89 0.00	43.60 2.16 0.00	35.69 1.94 0.00	39.00 2.17 0.00	37.35 2.10 0.00	38.50 2.27 0.00	33.15 2.24 0.00	37.03 2.68 0.00	43.20 3.08 -3.14	35.25 2.83 -0.57	35.13 2.82 0.00	39.21 2.94 0.00	104.55 6.84 0.00	58.91 3.52 0.00	52.26 3.17 0.00	56.84 3.55 0.00	47.73 2.95 0.00
RAVENSWOOD_GT2_3 24246	39.04 1.63 0.00	35.77 1.51 0.00	36.97 1.31 0.00	34.34 1.22 0.00	31.32 1.16 0.00	42.54 1.38 0.00	58.88 2.10 0.00	67.75 2.94 0.00	43.62 2.18 0.00	35.70 1.95 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.53 2.29 0.00	33.17 2.26 0.00	37.04 2.69 0.00	43.21 3.10 -3.14	35.26 2.85 -0.57	35.14 2.83 0.00	39.23 2.96 0.00	104.57 6.87 0.00	58.94 3.54 0.00	52.30 3.20 0.00	56.86 3.56 0.00	47.74 2.97 0.00
RAVENSWOOD_GT2_4 24247	39.04 1.63 0.00	35.77 1.51 0.00	36.97 1.31 0.00	34.34 1.22 0.00	31.32 1.16 0.00	42.54 1.38 0.00	58.88 2.10 0.00	67.75 2.94 0.00	43.62 2.18 0.00	35.70 1.95 0.00	39.01 2.17 0.00	37.36 2.11 0.00	38.53 2.29 0.00	33.17 2.26 0.00	37.04 2.69 0.00	43.21 3.10 -3.14	35.26 2.85 -0.57	35.14 2.83 0.00	39.23 2.96 0.00	104.57 6.87 0.00	58.94 3.54 0.00	52.30 3.20 0.00	56.86 3.56 0.00	47.74 2.97 0.00
RAVENSWOOD_GT3_1 24248	39.06 1.64 0.00	35.77 1.51 0.00	36.98 1.31 0.00	34.35 1.22 0.00	31.32 1.16 0.00	42.55 1.39 0.00	58.90 2.12 0.00	67.74 2.92 0.00	43.61 2.16 0.00	35.68 1.94 0.00	39.00 2.16 0.00	37.35 2.10 0.00	38.50 2.27 0.00	33.15 2.24 0.00	37.03 2.68 0.00	43.19 3.07 -3.14	35.25 2.83 -0.57	35.13 2.82 0.00	39.21 2.94 0.00	104.55 6.84 0.00	58.91 3.52 0.00	52.26 3.17 0.00	56.82 3.53 0.00	47.71 2.94 0.00
RAVENSWOOD_GT3_2 24249	39.06 1.64 0.00	35.77 1.51 0.00	36.98 1.31 0.00	34.35 1.22 0.00	31.32 1.16 0.00	42.55 1.39 0.00	58.90 2.12 0.00	67.74 2.92 0.00	43.61 2.16 0.00	35.68 1.94 0.00	39.00 2.16 0.00	37.35 2.10 0.00	38.50 2.27 0.00	33.15 2.24 0.00	37.03 2.68 0.00	43.19 3.07 -3.14	35.25 2.83 -0.57	35.13 2.82 0.00	39.21 2.94 0.00	104.55 6.84 0.00	58.91 3.52 0.00	52.26 3.17 0.00	56.82 3.53 0.00	47.71 2.94 0.00
RAVENSWOOD_GT3_3 24250	39.10 1.68 0.00	35.81 1.55 0.00	37.03 1.36 0.00	34.38 1.26 0.00	31.36 1.20 0.00	42.60 1.44 0.00	58.98 2.20 0.00	67.83 3.02 0.00	43.67 2.22 0.00	35.73 1.99 0.00	39.06 2.22 0.00	37.40 2.15 0.00	38.57 2.33 0.00	33.20 2.29 0.00	37.07 2.73 0.00	43.25 3.13 -3.14	35.30 2.89 -0.57	35.18 2.87 0.00	39.27 3.00 0.00	104.72 7.01 0.00	59.00 3.61 0.00	52.35 3.25 0.00	56.90 3.61 0.00	47.77 3.00 0.00
RAVENSWOOD_GT3_4 24251	39.10 1.68 0.00	35.81 1.55 0.00	37.03 1.36 0.00	34.38 1.26 0.00	31.36 1.20 0.00	42.60 1.44 0.00	58.98 2.20 0.00	67.83 3.02 0.00	43.67 2.22 0.00	35.73 1.99 0.00	39.06 2.22 0.00	37.40 2.15 0.00	38.57 2.33 0.00	33.20 2.29 0.00	37.07 2.73 0.00	43.25 3.13 -3.14	35.30 2.89 -0.57	35.18 2.87 0.00	39.27 3.00 0.00	104.72 7.01 0.00	59.00 3.61 0.00	52.35 3.25 0.00	56.90 3.61 0.00	47.77 3.00 0.00
RAVENSWOOD_GT_1 23729	39.09 1.67 0.00	35.80 1.54 0.00	36.99 1.32 0.00	34.36 1.23 0.00	31.34 1.18 0.00	42.53 1.37 0.00	58.86 2.08 0.00	67.70 2.89 0.00	43.65 2.21 0.00	35.74 1.99 0.00	39.05 2.21 0.00	37.36 2.11 0.00	38.56 2.32 0.00	33.22 2.31 0.00	37.04 2.70 0.00	43.24 3.13 -3.14	35.27 2.86 -0.57	35.12 2.81 0.00	39.19 2.93 0.00	104.48 6.77 0.00	58.87 3.47 0.00	52.23 3.14 0.00	56.79 3.49 0.00	47.71 2.93 0.00
RAVENSWOOD_GT_10 24258	39.02 1.60 0.00	35.75 1.48 0.00	36.96 1.29 0.00	34.32 1.20 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.71 2.90 0.00	43.60 2.16 0.00	35.69 1.94 0.00	39.00 2.16 0.00	37.35 2.10 0.00	38.50 2.27 0.00	33.15 2.24 0.00	37.03 2.68 0.00	43.19 3.07 -3.14	35.25 2.83 -0.57	35.13 2.82 0.00	39.21 2.94 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.27 3.17 0.00	56.85 3.55 0.00	47.73 2.95 0.00
RAVENSWOOD_GT_11 24259	39.02 1.60 0.00	35.75 1.48 0.00	36.96 1.29 0.00	34.32 1.20 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.71 2.90 0.00	43.60 2.16 0.00	35.69 1.94 0.00	39.00 2.16 0.00	37.35 2.10 0.00	38.50 2.27 0.00	33.15 2.24 0.00	37.03 2.68 0.00	43.19 3.07 -3.14	35.25 2.83 -0.57	35.13 2.82 0.00	39.21 2.94 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.27 3.17 0.00	56.85 3.55 0.00	47.73 2.95 0.00
RAVENSWOOD_GT_4 24252	39.05 1.63 0.00	35.77 1.51 0.00	36.98 1.31 0.00	34.34 1.22 0.00	31.32 1.16 0.00	42.53 1.37 0.00	58.85 2.07 0.00	67.70 2.89 0.00	43.61 2.17 0.00	35.69 1.94 0.00	39.00 2.16 0.00	37.34 2.09 0.00	38.51 2.27 0.00	33.16 2.25 0.00	37.01 2.67 0.00	43.19 3.07 -3.14	35.24 2.83 -0.57	35.12 2.81 0.00	39.20 2.93 0.00	104.48 6.77 0.00	58.88 3.49 0.00	52.24 3.15 0.00	56.80 3.50 0.00	47.70 2.92 0.00
RAVENSWOOD_GT_5 24254	39.05 1.63 0.00	35.77 1.51 0.00	36.98 1.31 0.00	34.34 1.22 0.00	31.32 1.16 0.00	42.53 1.37 0.00	58.85 2.07 0.00	67.70 2.89 0.00	43.61 2.17 0.00	35.69 1.94 0.00	39.00 2.16 0.00	37.34 2.09 0.00	38.51 2.27 0.00	33.16 2.25 0.00	37.01 2.67 0.00	43.19 3.07 -3.14	35.24 2.83 -0.57	35.12 2.81 0.00	39.20 2.93 0.00	104.48 6.77 0.00	58.88 3.49 0.00	52.24 3.15 0.00	56.80 3.50 0.00	47.70 2.92 0.00
RAVENSWOOD_GT_6 24253	39.05 1.63 0.00	35.77 1.51 0.00	36.98 1.31 0.00	34.34 1.22 0.00	31.32 1.16 0.00	42.53 1.37 0.00	58.85 2.07 0.00	67.70 2.89 0.00	43.61 2.17 0.00	35.69 1.94 0.00	39.00 2.16 0.00	37.34 2.09 0.00	38.51 2.27 0.00	33.16 2.25 0.00	37.01 2.67 0.00	43.19 3.07 -3.14	35.24 2.83 -0.57	35.12 2.81 0.00	39.20 2.93 0.00	104.48 6.77 0.00	58.88 3.49 0.00	52.24 3.15 0.00	56.80 3.50 0.00	47.70 2.92 0.00

RAVENSWOOD_GT_7 24255	39.05 1.63 0.00	35.77 1.51 0.00	36.98 1.31 0.00	34.34 1.22 0.00	31.32 1.16 0.00	42.53 1.37 0.00	58.85 2.07 0.00	67.70 2.89 0.00	43.61 2.17 0.00	35.69 1.94 0.00	39.00 2.16 0.00	37.34 2.09 0.00	38.51 2.27 0.00	33.16 2.25 0.00	37.01 2.67 0.00	43.19 3.07 -3.14	35.24 2.83 -0.57	35.12 2.81 0.00	39.20 2.93 0.00	104.48 6.77 0.00	58.88 3.49 0.00	52.24 3.15 0.00	56.80 3.50 0.00	47.70 2.92 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.02 1.60 0.00	35.75 1.48 0.00	36.96 1.29 0.00	34.32 1.20 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.71 2.90 0.00	43.60 2.16 0.00	35.69 1.94 0.00	39.00 2.16 0.00	37.35 2.10 0.00	38.50 2.27 0.00	33.15 2.24 0.00	37.03 2.68 0.00	43.19 3.07 -3.14	35.25 2.83 -0.57	35.13 2.82 0.00	39.21 2.94 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.27 3.17 0.00	56.85 3.55 0.00	47.73 2.95 0.00
RAVENSWOOD_GT_9 24257	39.02 1.60 0.00	35.75 1.48 0.00	36.96 1.29 0.00	34.32 1.20 0.00	31.30 1.14 0.00	42.51 1.35 0.00	58.85 2.07 0.00	67.71 2.90 0.00	43.60 2.16 0.00	35.69 1.94 0.00	39.00 2.16 0.00	37.35 2.10 0.00	38.50 2.27 0.00	33.15 2.24 0.00	37.03 2.68 0.00	43.19 3.07 -3.14	35.25 2.83 -0.57	35.13 2.82 0.00	39.21 2.94 0.00	104.56 6.85 0.00	58.92 3.52 0.00	52.27 3.17 0.00	56.85 3.55 0.00	47.73 2.95 0.00
RAVENSWOOD____1 23533	39.07 1.66 0.00	35.79 1.53 0.00	36.98 1.31 0.00	34.35 1.23 0.00	31.34 1.18 0.00	42.52 1.37 0.00	58.83 2.05 0.00	67.70 2.89 0.00	43.63 2.19 0.00	35.72 1.98 0.00	39.04 2.20 0.00	37.35 2.10 0.00	38.53 2.30 0.00	33.20 2.29 0.00	37.02 2.68 0.00	43.24 3.12 -3.14	35.26 2.85 -0.57	35.11 2.81 0.00	39.18 2.91 0.00	104.45 6.74 0.00	58.86 3.46 0.00	52.21 3.12 0.00	56.75 3.45 0.00	47.69 2.91 0.00
RAVENSWOOD____2 23534	39.06 1.64 0.00	35.78 1.51 0.00	36.98 1.31 0.00	34.35 1.23 0.00	31.33 1.17 0.00	42.51 1.35 0.00	58.81 2.03 0.00	67.68 2.87 0.00	43.62 2.17 0.00	35.71 1.96 0.00	39.01 2.17 0.00	37.32 2.07 0.00	38.52 2.28 0.00	33.18 2.27 0.00	37.01 2.67 0.00	43.23 3.11 -3.14	35.24 2.83 -0.57	35.10 2.80 0.00	39.17 2.90 0.00	104.39 6.68 0.00	58.85 3.46 0.00	52.19 3.09 0.00	56.73 3.43 0.00	47.67 2.89 0.00
RAVENSWOOD____3 23535	39.04 1.62 0.00	35.77 1.51 0.00	36.98 1.31 0.00	34.34 1.22 0.00	31.32 1.16 0.00	42.54 1.38 0.00	58.88 2.10 0.00	67.73 2.92 0.00	43.61 2.17 0.00	35.68 1.94 0.00	39.00 2.17 0.00	37.35 2.10 0.00	38.51 2.27 0.00	33.15 2.24 0.00	37.03 2.68 0.00	43.21 3.09 -3.14	35.25 2.83 -0.57	35.13 2.82 0.00	39.21 2.94 0.00	104.54 6.83 0.00	58.92 3.52 0.00	52.26 3.17 0.00	56.82 3.52 0.00	47.72 2.94 0.00
RAVENSWOOD____4 23820	39.06 1.64 0.00	35.78 1.51 0.00	36.98 1.31 0.00	34.35 1.23 0.00	31.33 1.17 0.00	42.51 1.35 0.00	58.81 2.03 0.00	67.68 2.87 0.00	43.62 2.17 0.00	35.71 1.96 0.00	39.01 2.17 0.00	37.32 2.07 0.00	38.52 2.28 0.00	33.18 2.27 0.00	37.01 2.67 0.00	43.23 3.11 -3.14	35.24 2.83 -0.57	35.10 2.80 0.00	39.17 2.90 0.00	104.39 6.68 0.00	58.85 3.46 0.00	52.19 3.09 0.00	56.73 3.43 0.00	47.67 2.89 0.00
RCPL_TRUST____DRP 24196	39.07 1.66 0.00	35.77 1.51 0.00	36.98 1.31 0.00	34.34 1.22 0.00	31.33 1.16 0.00	42.55 1.39 0.00	58.93 2.15 0.00	67.79 2.98 0.00	43.66 2.22 0.00	35.72 1.98 0.00	39.04 2.21 0.00	37.39 2.14 0.00	38.55 2.31 0.00	33.18 2.27 0.00	37.06 2.72 0.00	43.24 3.12 -3.14	35.29 2.88 -0.57	35.17 2.86 0.00	39.26 2.99 0.00	104.66 6.95 0.00	58.99 3.59 0.00	52.31 3.22 0.00	56.86 3.56 0.00	47.75 2.98 0.00
RED____ROCHESTER 323720	34.59 -0.83 2.00	30.90 -0.92 2.45	34.74 -0.93 0.00	32.18 -0.94 0.00	28.68 -0.45 1.03	40.78 -0.38 0.00	55.97 -0.81 0.00	62.47 -0.70 1.64	41.28 -0.16 0.00	33.42 -0.32 0.00	36.37 -0.47 0.00	34.54 -0.72 0.00	35.39 -0.85 0.00	30.21 -0.70 0.00	33.56 -0.78 0.00	26.89 -1.16 8.92	30.76 -1.15 -0.07	31.07 -1.24 0.00	35.04 -1.23 0.00	94.35 -2.87 0.49	53.79 -1.61 0.00	47.55 -1.54 0.00	51.81 -1.49 0.00	42.47 -1.51 0.80
REGAN____SOLAR 323812	39.21 1.79 0.00	35.87 1.61 0.00	37.31 1.64 0.00	34.64 1.52 0.00	31.58 1.42 0.00	43.31 2.15 0.00	60.28 3.50 0.00	67.38 2.57 0.00	41.58 0.14 0.00	33.44 -0.30 0.00	36.67 -0.17 0.00	35.80 0.55 0.00	36.44 0.20 0.00	30.72 -0.19 0.00	34.56 0.21 0.00	38.50 -0.09 -1.61	32.73 0.17 -0.71	32.94 0.63 0.00	37.01 0.74 0.00	102.46 4.75 0.00	58.68 3.29 0.00	52.06 2.97 0.00	56.56 3.27 0.00	47.38 2.60 0.00
RENSSELAER____COGEN 23796	38.28 0.85 0.00	35.07 0.80 0.00	36.47 0.80 0.00	33.88 0.75 0.00	30.80 0.64 0.00	41.66 0.51 0.00	57.40 0.62 0.00	65.60 0.79 0.00	41.92 0.48 0.00	34.18 0.43 0.00	37.35 0.51 0.00	35.92 0.67 0.00	36.96 0.73 0.00	31.60 0.68 0.00	35.17 0.82 0.00	39.48 1.03 -1.47	33.43 0.94 -0.65	33.28 0.97 0.00	37.29 1.02 0.00	99.79 2.08 0.00	56.39 1.00 0.00	50.10 1.01 0.00	54.45 1.16 0.00	45.86 1.08 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.01 2.59 0.00	36.79 2.53 0.00	38.26 2.59 0.00	35.57 2.45 0.00	32.49 2.33 0.00	44.22 3.06 0.00	61.44 4.66 0.00	69.91 5.10 0.00	44.12 2.67 0.00	35.63 1.88 0.00	38.29 1.45 0.00	37.29 2.04 0.00	38.30 2.06 0.00	32.55 1.64 0.00	35.97 1.63 0.00	40.76 2.27 -1.52	34.76 2.25 -0.67	34.54 2.23 0.00	39.23 2.96 0.00	105.68 7.97 0.00	59.62 4.22 0.00	53.45 4.36 0.00	57.99 4.69 0.00	48.43 3.65 0.00
REVERE_CPPR_DRP 24186	38.13 0.71 0.00	34.93 0.67 0.00	36.31 0.64 0.00	33.74 0.62 0.00	30.84 0.68 0.00	42.25 1.09 0.00	58.44 1.66 0.00	66.35 1.54 0.00	42.03 0.59 0.00	34.12 0.37 0.00	37.23 0.39 0.00	35.66 0.41 0.00	36.39 0.15 0.00	31.09 0.18 0.00	34.54 0.20 0.00	37.01 -0.05 -0.08	31.86 -0.01 -0.04	32.42 0.11 0.00	36.83 0.56 0.00	100.38 2.68 0.00	57.16 1.77 0.00	50.54 1.44 0.00	54.73 1.43 0.00	45.80 1.03 0.00
REYNLDDPA_13_KV_LD 356490	37.44 0.03 0.00	34.25 -0.01 0.00	35.76 0.09 0.00	33.24 0.12 0.00	30.19 0.02 0.00	41.28 0.12 0.00	56.68 -0.10 0.00	64.47 -0.35 0.00	41.31 -0.14 0.00	33.65 -0.09 0.00	36.64 -0.19 0.00	34.96 -0.29 0.00	36.02 -0.21 0.00	30.77 -0.14 0.00	34.20 -0.15 0.00	36.77 -0.20 0.00	31.62 -0.22 0.00	32.10 -0.21 0.00	36.10 -0.17 0.00	97.91 0.21 0.00	55.67 0.28 0.00	48.95 -0.14 0.00	52.73 -0.57 0.00	44.42 -0.35 0.00
REYNOLDS_115KV_TB3 80639	38.52 1.10 0.00	35.29 1.03 0.00	36.70 1.03 0.00	34.09 0.97 0.00	31.01 0.85 0.00	42.04 0.88 0.00	57.94 1.16 0.00	66.23 1.42 0.00	42.30 0.85 0.00	34.48 0.74 0.00	37.70 0.86 0.00	36.26 1.01 0.00	37.29 1.05 0.00	31.86 0.94 0.00	35.44 1.10 0.00	39.80 1.35 -1.48	33.69 1.20 -0.65	33.54 1.23 0.00	37.57 1.31 0.00	100.51 2.80 0.00	56.81 1.42 0.00	50.51 1.42 0.00	54.92 1.62 0.00	46.24 1.46 0.00

RIVERBAY____ 323610	39.99 2.57 0.00	36.60 2.33 0.00	37.84 2.17 0.00	35.21 2.09 0.00	32.09 1.93 0.00	43.64 2.48 0.00	60.31 3.53 0.00	69.54 4.73 0.00	44.74 3.29 0.00	36.58 2.84 0.00	39.96 3.12 0.00	38.13 2.88 0.00	39.43 3.19 0.00	33.92 3.00 0.00	37.76 3.42 0.00	44.05 3.93 -3.14	35.93 3.51 -0.57	35.82 3.51 0.00	39.93 3.66 0.00	106.36 8.66 0.00	59.97 4.58 0.00	53.21 4.12 0.00	57.88 4.58 0.00	48.61 3.83 0.00
RIVERSIDE_115KV_TB3 55908	38.45 1.03 0.00	35.23 0.96 0.00	36.63 0.96 0.00	34.03 0.91 0.00	30.95 0.79 0.00	41.92 0.76 0.00	57.77 0.99 0.00	66.01 1.20 0.00	42.17 0.73 0.00	34.37 0.62 0.00	37.57 0.74 0.00	36.16 0.91 0.00	37.19 0.95 0.00	31.76 0.85 0.00	35.32 0.98 0.00	39.66 1.20 -1.48	33.58 1.09 -0.65	33.43 1.12 0.00	37.46 1.19 0.00	100.20 2.49 0.00	56.62 1.23 0.00	50.33 1.24 0.00	54.70 1.41 0.00	46.05 1.28 0.00
ROARING____BROOK_WT_PWR 323790	37.00 -0.41 0.00	33.92 -0.35 0.00	35.40 -0.27 0.00	32.90 -0.22 0.00	29.93 -0.23 0.00	40.94 -0.22 0.00	56.45 -0.34 0.00	64.57 -0.23 0.00	41.31 -0.14 0.00	33.53 -0.22 0.00	36.43 -0.41 0.00	34.80 -0.45 0.00	35.93 -0.31 0.00	30.65 -0.26 0.00	34.01 -0.33 0.00	36.61 -0.37 0.00	31.47 -0.37 0.00	32.04 -0.27 0.00	36.06 -0.21 0.00	97.25 -0.46 0.00	55.20 -0.19 0.00	48.86 -0.23 0.00	52.95 -0.35 0.00	44.46 -0.32 0.00
ROCHESRG_115KV_T4 355643	34.21 -1.24 1.97	30.58 -1.28 2.41	34.38 -1.29 0.00	31.86 -1.26 0.00	28.38 -0.77 1.01	40.33 -0.84 0.00	55.29 -1.49 0.00	61.70 -1.50 1.61	40.73 -0.72 0.00	33.00 -0.75 0.00	35.93 -0.90 0.00	34.15 -1.11 0.00	35.01 -1.23 0.00	29.88 -1.03 0.00	33.22 -1.13 0.00	26.72 -1.48 8.77	30.44 -1.47 -0.07	30.72 -1.58 0.00	34.60 -1.67 0.00	93.11 -4.12 0.48	53.08 -2.32 0.00	46.95 -2.15 0.00	51.18 -2.11 0.00	42.00 -1.98 0.79
ROCHESTER_9_IC 23652	34.44 -0.98 2.00	30.76 -1.05 2.45	34.60 -1.07 0.00	32.06 -1.06 0.00	28.56 -0.57 1.03	40.61 -0.55 0.00	55.73 -1.05 0.00	62.20 -0.97 1.64	41.09 -0.36 0.00	33.26 -0.48 0.00	36.20 -0.64 0.00	34.39 -0.87 0.00	35.24 -1.00 0.00	30.08 -0.84 0.00	33.43 -0.92 0.00	26.78 -1.26 8.93	30.63 -1.28 -0.07	30.93 -1.38 0.00	34.85 -1.42 0.00	93.84 -3.38 0.49	53.51 -1.88 0.00	47.31 -1.79 0.00	51.56 -1.73 0.00	42.28 -1.69 0.81
ROCKVIEW_13_KV_LD 356306	39.18 1.76 0.00	35.89 1.63 0.00	37.14 1.47 0.00	34.47 1.34 0.00	31.41 1.25 0.00	42.72 1.56 0.00	59.12 2.34 0.00	67.87 3.06 0.00	43.59 2.15 0.00	35.63 1.88 0.00	38.94 2.10 0.00	37.31 2.06 0.00	38.47 2.24 0.00	33.10 2.18 0.00	36.99 2.65 0.00	43.16 3.04 -3.14	35.21 2.80 -0.57	35.10 2.80 0.00	39.23 2.96 0.00	104.64 6.93 0.00	58.98 3.59 0.00	52.32 3.23 0.00	56.86 3.56 0.00	47.71 2.94 0.00
ROME____115KV_TB2 80656	38.13 0.71 0.00	34.93 0.67 0.00	36.31 0.64 0.00	33.74 0.62 0.00	30.84 0.68 0.00	42.25 1.09 0.00	58.44 1.66 0.00	66.35 1.54 0.00	42.03 0.59 0.00	34.12 0.37 0.00	37.23 0.39 0.00	35.66 0.41 0.00	36.39 0.15 0.00	31.09 0.18 0.00	34.54 0.20 0.00	37.01 -0.05 -0.08	31.86 -0.01 -0.04	32.42 0.11 0.00	36.83 0.56 0.00	100.38 2.68 0.00	57.16 1.77 0.00	50.54 1.44 0.00	54.73 1.43 0.00	45.80 1.03 0.00
ROSETON____1 23587	38.71 1.29 0.00	35.48 1.22 0.00	36.78 1.11 0.00	34.13 1.01 0.00	31.07 0.91 0.00	42.28 1.12 0.00	58.45 1.68 0.00	67.00 2.19 0.00	42.96 1.51 0.00	35.09 1.35 0.00	38.35 1.51 0.00	36.76 1.51 0.00	37.90 1.66 0.00	32.57 1.66 0.00	36.36 2.02 0.00	42.47 2.36 -3.13	34.59 2.18 -0.57	34.49 2.18 0.00	38.59 2.32 0.00	103.07 5.36 0.00	58.15 2.76 0.00	51.61 2.52 0.00	56.08 2.78 0.00	47.05 2.28 0.00
ROSETON____2 23588	38.71 1.29 0.00	35.48 1.22 0.00	36.78 1.11 0.00	34.13 1.01 0.00	31.07 0.91 0.00	42.28 1.12 0.00	58.45 1.68 0.00	67.00 2.19 0.00	42.96 1.51 0.00	35.09 1.35 0.00	38.35 1.51 0.00	36.76 1.51 0.00	37.90 1.66 0.00	32.57 1.66 0.00	36.36 2.02 0.00	42.47 2.36 -3.13	34.59 2.18 -0.57	34.49 2.18 0.00	38.59 2.32 0.00	103.07 5.36 0.00	58.15 2.76 0.00	51.61 2.52 0.00	56.08 2.78 0.00	47.05 2.28 0.00
ROTTDRAM_115KV_TB3 80664	38.32 0.91 0.00	35.10 0.84 0.00	36.53 0.86 0.00	33.92 0.81 0.00	30.91 0.75 0.00	42.14 0.98 0.00	58.23 1.45 0.00	66.35 1.54 0.00	42.23 0.79 0.00	34.34 0.59 0.00	37.51 0.67 0.00	36.07 0.82 0.00	37.05 0.81 0.00	31.61 0.69 0.00	35.20 0.85 0.00	39.55 1.05 -1.53	33.44 0.92 -0.67	33.32 1.01 0.00	37.39 1.12 0.00	100.63 2.92 0.00	56.98 1.58 0.00	50.59 1.50 0.00	54.98 1.68 0.00	46.18 1.41 0.00
RUSSELL____1 23602	34.59 -0.83 2.00	30.90 -0.91 2.45	34.74 -0.93 0.00	32.19 -0.93 0.00	28.68 -0.45 1.03	40.78 -0.38 0.00	55.97 -0.81 0.00	62.49 -0.68 1.64	41.28 -0.16 0.00	33.42 -0.32 0.00	36.37 -0.47 0.00	34.54 -0.71 0.00	35.39 -0.85 0.00	30.20 -0.71 0.00	33.56 -0.78 0.00	26.93 -1.12 8.92	30.76 -1.16 -0.07	31.07 -1.24 0.00	35.03 -1.24 0.00	94.35 -2.87 0.49	53.78 -1.61 0.00	47.54 -1.55 0.00	51.81 -1.49 0.00	42.47 -1.50 0.80
RUSSELL____2 23532	34.59 -0.83 2.00	30.90 -0.91 2.45	34.74 -0.93 0.00	32.19 -0.93 0.00	28.68 -0.45 1.03	40.78 -0.38 0.00	55.97 -0.81 0.00	62.49 -0.68 1.64	41.28 -0.16 0.00	33.42 -0.32 0.00	36.37 -0.47 0.00	34.54 -0.71 0.00	35.39 -0.85 0.00	30.20 -0.71 0.00	33.56 -0.78 0.00	26.93 -1.12 8.92	30.76 -1.16 -0.07	31.07 -1.24 0.00	35.03 -1.24 0.00	94.35 -2.87 0.49	53.78 -1.61 0.00	47.54 -1.55 0.00	51.81 -1.49 0.00	42.47 -1.50 0.80
RUSSELL____3 23549	34.59 -0.83 2.00	30.90 -0.91 2.45	34.74 -0.93 0.00	32.19 -0.93 0.00	28.68 -0.45 1.03	40.78 -0.38 0.00	55.97 -0.81 0.00	62.49 -0.68 1.64	41.28 -0.16 0.00	33.42 -0.32 0.00	36.37 -0.47 0.00	34.54 -0.71 0.00	35.39 -0.85 0.00	30.20 -0.71 0.00	33.56 -0.78 0.00	26.93 -1.12 8.92	30.76 -1.16 -0.07	31.07 -1.24 0.00	35.03 -1.24 0.00	94.35 -2.87 0.49	53.78 -1.61 0.00	47.54 -1.55 0.00	51.81 -1.49 0.00	42.47 -1.50 0.80
RUSSELL____4 23556	34.59 -0.83 2.00	30.90 -0.91 2.45	34.74 -0.93 0.00	32.19 -0.93 0.00	28.68 -0.45 1.03	40.78 -0.38 0.00	55.97 -0.81 0.00	62.49 -0.68 1.64	41.28 -0.16 0.00	33.42 -0.32 0.00	36.37 -0.47 0.00	34.54 -0.71 0.00	35.39 -0.85 0.00	30.20 -0.71 0.00	33.56 -0.78 0.00	26.93 -1.12 8.92	30.76 -1.16 -0.07	31.07 -1.24 0.00	35.03 -1.24 0.00	94.35 -2.87 0.49	53.78 -1.61 0.00	47.54 -1.55 0.00	51.81 -1.49 0.00	42.47 -1.50 0.80
RUSSELL____STATION 23914	34.59 -0.83 2.00	30.90 -0.91 2.45	34.74 -0.93 0.00	32.19 -0.93 0.00	28.68 -0.45 1.03	40.78 -0.38 0.00	55.97 -0.81 0.00	62.49 -0.68 1.64	41.28 -0.16 0.00	33.42 -0.32 0.00	36.37 -0.47 0.00	34.54 -0.71 0.00	35.39 -0.85 0.00	30.20 -0.71 0.00	33.56 -0.78 0.00	26.93 -1.12 8.92	30.76 -1.16 -0.07	31.07 -1.24 0.00	35.03 -1.24 0.00	94.35 -2.87 0.49	53.78 -1.61 0.00	47.54 -1.55 0.00	51.81 -1.49 0.00	42.47 -1.50 0.80

S SALMON___HYD 24043	36.28 -1.14 0.00	33.29 -0.97 0.00	34.62 -1.05 0.00	32.19 -0.93 0.00	29.40 -0.76 0.00	40.24 -0.92 0.00	55.46 -1.32 0.00	63.24 -1.58 0.00	40.34 -1.11 0.00	32.82 -0.93 0.00	35.79 -1.05 0.00	34.14 -1.11 0.00	35.04 -1.20 0.00	29.90 -1.01 0.00	33.19 -1.15 0.00	35.72 -1.35 -0.10	30.72 -1.17 -0.04	31.16 -1.15 0.00	34.93 -1.34 0.00	94.68 -3.03 0.00	53.93 -1.47 0.00	47.75 -1.34 0.00	51.84 -1.46 0.00	43.58 -1.20 0.00
S.PERRY___115KV_TB1 80734	33.36 -0.16 3.89	29.10 -0.38 4.78	35.28 -0.38 0.00	32.72 -0.40 0.00	28.23 0.07 2.00	41.76 0.60 0.00	57.71 0.93 0.00	62.53 1.41 3.69	42.52 1.07 0.00	34.28 0.54 0.00	36.93 0.09 0.00	35.09 -0.16 0.00	35.64 -0.60 0.00	30.17 -0.75 0.00	33.48 -0.86 0.00	18.41 -1.32 17.25	30.86 -1.08 -0.09	30.99 -1.32 0.00	35.12 -1.15 0.00	95.91 -0.84 0.95	55.38 -0.01 0.00	49.00 -0.10 0.00	53.39 0.09 0.00	42.87 -0.33 1.57
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.05 -2.11 3.26	28.13 -2.13 4.00	33.52 -2.15 0.00	31.00 -2.12 0.00	27.13 -1.36 1.68	39.61 -1.55 0.00	53.93 -2.86 0.00	58.99 -3.11 2.71	39.77 -1.67 0.00	32.14 -1.61 0.00	35.07 -1.77 0.00	33.36 -1.89 0.00	34.19 -2.05 0.00	29.17 -1.74 0.00	32.46 -1.89 0.00	20.11 -2.42 14.44	29.49 -2.43 -0.08	29.70 -2.61 0.00	33.45 -2.82 0.00	89.69 -7.22 0.80	51.28 -4.11 0.00	45.29 -3.80 0.00	49.64 -3.66 0.00	40.12 -3.34 1.32
SAWYER___23_KV_LOAD 55526	32.05 -2.11 3.26	28.13 -2.13 4.00	33.52 -2.15 0.00	31.00 -2.12 0.00	27.13 -1.36 1.68	39.61 -1.55 0.00	53.93 -2.86 0.00	58.99 -3.11 2.71	39.77 -1.67 0.00	32.14 -1.61 0.00	35.07 -1.77 0.00	33.36 -1.89 0.00	34.19 -2.05 0.00	29.17 -1.74 0.00	32.46 -1.89 0.00	20.11 -2.42 14.44	29.49 -2.43 -0.08	29.70 -2.61 0.00	33.45 -2.82 0.00	89.69 -7.22 0.80	51.28 -4.11 0.00	45.29 -3.80 0.00	49.64 -3.66 0.00	40.12 -3.34 1.32
SELKIRK___I 23801	38.44 1.02 0.00	35.24 0.98 0.00	36.67 1.00 0.00	34.06 0.94 0.00	30.98 0.82 0.00	42.04 0.88 0.00	57.95 1.17 0.00	66.07 1.26 0.00	42.08 0.64 0.00	34.26 0.51 0.00	37.43 0.59 0.00	36.03 0.78 0.00	37.09 0.85 0.00	31.69 0.78 0.00	35.23 0.88 0.00	39.52 1.09 -1.46	33.48 1.00 -0.64	33.35 1.04 0.00	37.41 1.14 0.00	100.49 2.78 0.00	56.82 1.43 0.00	50.47 1.37 0.00	54.86 1.57 0.00	46.17 1.39 0.00
SELKIRK___II 23799	38.27 0.85 0.00	35.07 0.80 0.00	36.47 0.80 0.00	33.87 0.75 0.00	30.81 0.65 0.00	41.79 0.63 0.00	57.60 0.82 0.00	65.81 1.00 0.00	42.05 0.61 0.00	34.29 0.54 0.00	37.46 0.62 0.00	36.00 0.75 0.00	37.05 0.81 0.00	31.68 0.76 0.00	35.26 0.92 0.00	39.55 1.11 -1.47	33.51 1.02 -0.65	33.35 1.04 0.00	37.37 1.10 0.00	100.08 2.37 0.00	56.57 1.18 0.00	50.26 1.17 0.00	54.63 1.34 0.00	45.96 1.19 0.00
SENECA OSWGO___HYD 24041	36.34 -1.08 0.00	33.26 -1.00 0.00	34.61 -1.06 0.00	32.13 -0.99 0.00	29.32 -0.84 0.00	40.09 -1.07 0.00	55.34 -1.44 0.00	63.12 -1.69 0.00	40.36 -1.09 0.00	32.90 -0.85 0.00	35.96 -0.88 0.00	34.27 -0.99 0.00	35.14 -1.10 0.00	30.01 -0.90 0.00	33.31 -1.03 0.00	34.10 -1.14 1.73	30.88 -1.02 -0.05	31.23 -1.08 0.00	35.03 -1.24 0.00	94.60 -3.11 0.00	53.70 -1.69 0.00	47.63 -1.46 0.00	51.73 -1.56 0.00	43.47 -1.31 0.00
SENECA___115KV_TB3 355854	32.16 -1.76 3.51	28.11 -1.85 4.30	33.80 -1.87 0.00	31.26 -1.87 0.00	27.21 -1.14 1.81	39.96 -1.19 0.00	54.52 -2.26 0.00	59.46 -2.42 2.93	40.26 -1.19 0.00	32.52 -1.22 0.00	35.49 -1.34 0.00	33.74 -1.51 0.00	34.55 -1.69 0.00	29.45 -1.47 0.00	32.74 -1.60 0.00	19.18 -2.28 15.52	29.76 -2.17 -0.09	29.97 -2.34 0.00	33.82 -2.45 0.00	90.77 -6.08 0.86	51.94 -3.45 0.00	45.87 -3.23 0.00	50.22 -3.07 0.00	40.44 -2.92 1.42
SENECA___ENERGY 23797	35.33 -0.61 1.48	31.76 -0.68 1.82	34.97 -0.70 0.00	32.42 -0.70 0.00	28.97 -0.42 0.76	40.80 -0.36 0.00	56.40 -0.38 0.00	64.09 0.09 0.82	41.88 0.43 0.00	34.09 0.34 0.00	37.08 0.24 0.00	35.05 -0.20 0.00	35.78 -0.46 0.00	30.48 -0.44 0.00	33.87 -0.47 0.00	28.79 -0.87 7.32	31.18 -0.74 -0.08	31.51 -0.80 0.00	35.46 -0.81 0.00	95.71 -1.63 0.36	54.57 -0.82 0.00	48.34 -0.75 0.00	52.56 -0.74 0.00	43.41 -0.77 0.59
SHOEMAKER___GT 23640	38.57 1.15 0.00	35.33 1.07 0.00	36.63 0.96 0.00	33.99 0.87 0.00	30.96 0.79 0.00	42.16 1.00 0.00	58.27 1.49 0.00	66.70 1.89 0.00	42.70 1.25 0.00	34.82 1.08 0.00	38.02 1.19 0.00	36.52 1.27 0.00	37.71 1.47 0.00	32.40 1.48 0.00	36.24 1.89 0.00	42.37 2.09 -3.30	34.34 1.95 -0.54	34.35 2.04 0.00	38.48 2.21 0.00	103.08 5.26 -0.11	58.12 2.73 0.00	51.55 2.46 0.00	56.00 2.71 0.00	47.16 2.20 -0.18
SHOEMAKR_138KV_BK 111 55601	38.56 1.14 0.00	35.33 1.07 0.00	36.62 0.96 0.00	33.98 0.86 0.00	30.94 0.78 0.00	42.14 0.98 0.00	58.25 1.48 0.00	66.69 1.88 0.00	42.72 1.27 0.00	34.86 1.11 0.00	38.08 1.24 0.00	36.54 1.30 0.00	37.71 1.47 0.00	32.42 1.51 0.00	36.24 1.90 0.00	42.42 2.13 -3.31	34.37 1.98 -0.54	34.35 2.05 0.00	38.49 2.22 0.00	103.08 5.26 -0.11	58.10 2.70 0.00	51.55 2.46 0.00	56.00 2.70 0.00	47.15 2.19 -0.18
SHOREHAM_IC_1 23715	39.69 2.27 0.00	36.22 1.96 0.00	37.48 1.81 0.00	34.83 1.71 0.00	31.82 1.66 0.00	47.25 2.16 -3.93	64.39 3.22 -4.39	69.43 3.72 -0.90	44.04 2.59 0.00	35.69 1.94 0.00	38.83 2.00 0.00	37.06 1.81 0.00	38.26 2.02 0.00	32.87 1.95 0.00	43.14 2.59 -6.21	56.57 2.85 -16.75	49.76 2.79 -15.12	53.05 2.92 -17.82	43.19 3.23 -3.69	118.27 7.12 -13.44	82.68 3.84 -23.45	64.52 3.53 -11.90	62.56 4.02 -5.24	61.84 3.44 -13.62
SHOREHAM_IC_2 23716	39.69 2.27 0.00	36.22 1.96 0.00	37.48 1.81 0.00	34.83 1.71 0.00	31.82 1.66 0.00	47.25 2.16 -3.93	64.39 3.22 -4.39	69.43 3.72 -0.90	44.04 2.59 0.00	35.69 1.94 0.00	38.83 2.00 0.00	37.06 1.81 0.00	38.26 2.02 0.00	32.87 1.95 0.00	43.14 2.59 -6.21	56.57 2.85 -16.75	49.76 2.79 -15.12	53.05 2.92 -17.82	43.19 3.23 -3.69	118.27 7.12 -13.44	82.68 3.84 -23.45	64.52 3.53 -11.90	62.56 4.02 -5.24	61.84 3.44 -13.62
SISSONVILLE____ 23735	35.78 -1.64 0.00	32.77 -1.49 0.00	34.22 -1.45 0.00	31.86 -1.26 0.00	28.92 -1.25 0.00	39.62 -1.54 0.00	54.56 -2.22 0.00	62.12 -2.69 0.00	39.64 -1.81 0.00	32.00 -1.75 0.00	34.66 -2.17 0.00	33.08 -2.17 0.00	34.15 -2.09 0.00	29.19 -1.72 0.00	32.37 -1.97 0.00	34.77 -2.23 -0.02	29.91 -1.94 -0.01	30.41 -1.90 0.00	34.31 -1.96 0.00	93.47 -4.24 0.00	53.54 -1.85 0.00	47.14 -1.95 0.00	50.84 -2.46 0.00	42.75 -2.02 0.00
SITHE_IND_GS1 24169	36.29 -1.13 0.00	33.23 -1.03 0.00	34.59 -1.08 0.00	32.11 -1.01 0.00	29.31 -0.85 0.00	40.03 -1.13 0.00	55.21 -1.57 0.00	62.98 -1.83 0.00	40.28 -1.16 0.00	32.83 -0.92 0.00	35.89 -0.95 0.00	34.30 -0.95 0.00	35.20 -1.04 0.00	30.04 -0.87 0.00	33.38 -0.96 0.00	35.96 -1.09 -0.08	30.90 -0.98 -0.04	31.26 -1.05 0.00	35.00 -1.27 0.00	94.31 -3.39 0.00	53.50 -1.89 0.00	47.45 -1.64 0.00	51.56 -1.74 0.00	43.37 -1.41 0.00

SITHE_IND_GS2 24170	36.29 -1.13 0.00	33.23 -1.03 0.00	34.59 -1.08 0.00	32.11 -1.01 0.00	29.31 -0.85 0.00	40.03 -1.13 0.00	55.21 -1.57 0.00	62.98 -1.83 0.00	40.28 -1.16 0.00	32.83 -0.92 0.00	35.89 -0.95 0.00	34.30 -0.95 0.00	35.20 -1.04 0.00	30.04 -0.87 0.00	33.38 -0.96 0.00	35.96 -1.09 -0.08	30.90 -0.98 -0.04	31.26 -1.05 0.00	35.00 -1.27 0.00	94.31 -3.39 0.00	53.50 -1.89 0.00	47.45 -1.64 0.00	51.56 -1.74 0.00	43.37 -1.41 0.00
SITHE_IND_GS3 24171	36.29 -1.13 0.00	33.23 -1.03 0.00	34.59 -1.08 0.00	32.11 -1.01 0.00	29.31 -0.85 0.00	40.03 -1.13 0.00	55.21 -1.57 0.00	62.98 -1.83 0.00	40.28 -1.16 0.00	32.83 -0.92 0.00	35.89 -0.95 0.00	34.30 -0.95 0.00	35.20 -1.04 0.00	30.04 -0.87 0.00	33.38 -0.96 0.00	35.96 -1.09 -0.08	30.90 -0.98 -0.04	31.26 -1.05 0.00	35.00 -1.27 0.00	94.31 -3.39 0.00	53.50 -1.89 0.00	47.45 -1.64 0.00	51.56 -1.74 0.00	43.37 -1.41 0.00
SITHE_IND_GS4 24172	36.29 -1.13 0.00	33.23 -1.03 0.00	34.59 -1.08 0.00	32.11 -1.01 0.00	29.31 -0.85 0.00	40.03 -1.13 0.00	55.21 -1.57 0.00	62.98 -1.83 0.00	40.28 -1.16 0.00	32.83 -0.92 0.00	35.89 -0.95 0.00	34.30 -0.95 0.00	35.20 -1.04 0.00	30.04 -0.87 0.00	33.38 -0.96 0.00	35.96 -1.09 -0.08	30.90 -0.98 -0.04	31.26 -1.05 0.00	35.00 -1.27 0.00	94.31 -3.39 0.00	53.50 -1.89 0.00	47.45 -1.64 0.00	51.56 -1.74 0.00	43.37 -1.41 0.00
SITHE___BATAVIA 24024	33.72 -1.09 2.62	29.87 -1.19 3.21	34.47 -1.20 0.00	31.91 -1.21 0.00	28.28 -0.54 1.35	40.72 -0.44 0.00	55.64 -1.14 0.00	61.68 -0.97 2.16	41.14 -0.30 0.00	33.08 -0.67 0.00	35.76 -1.08 0.00	33.72 -1.53 0.00	34.51 -1.73 0.00	29.38 -1.53 0.00	32.66 -1.68 0.00	23.16 -2.18 11.63	29.68 -2.24 -0.08	29.94 -2.37 0.00	33.91 -2.35 0.00	92.27 -4.79 0.64	52.97 -2.42 0.00	46.83 -2.26 0.00	51.22 -2.08 0.00	41.65 -2.08 1.06
SITHE___INDEPEND 23800	36.28 -1.14 0.00	33.23 -1.03 0.00	34.59 -1.08 0.00	32.11 -1.01 0.00	29.31 -0.85 0.00	40.03 -1.13 0.00	55.21 -1.57 0.00	62.99 -1.82 0.00	40.28 -1.16 0.00	32.83 -0.92 0.00	35.89 -0.95 0.00	34.30 -0.95 0.00	35.20 -1.04 0.00	30.04 -0.87 0.00	33.39 -0.96 0.00	35.97 -1.08 -0.08	30.90 -0.98 -0.04	31.26 -1.05 0.00	35.00 -1.27 0.00	94.32 -3.39 0.00	53.50 -1.89 0.00	47.45 -1.64 0.00	51.56 -1.74 0.00	43.37 -1.41 0.00
SITHE___MASSENA 23902	37.28 -0.14 0.00	34.11 -0.16 0.00	35.62 -0.05 0.00	33.12 0.00 0.00	30.06 -0.10 0.00	41.15 -0.02 0.00	56.61 -0.17 0.00	64.56 -0.25 0.00	41.35 -0.10 0.00	33.47 -0.28 0.00	36.37 -0.46 0.00	34.71 -0.54 0.00	35.79 -0.45 0.00	30.58 -0.34 0.00	33.95 -0.39 0.00	36.47 -0.50 0.00	31.37 -0.47 0.00	31.85 -0.45 0.00	35.83 -0.43 0.00	97.23 -0.48 0.00	55.44 0.05 0.00	48.86 -0.23 0.00	52.81 -0.48 0.00	44.37 -0.41 0.00
SITHE___OGDNSBRG 24021	37.25 -0.17 0.00	34.07 -0.19 0.00	35.58 -0.09 0.00	33.10 -0.02 0.00	30.07 -0.09 0.00	41.21 0.05 0.00	56.71 -0.07 0.00	64.38 -0.43 0.00	40.97 -0.47 0.00	33.03 -0.72 0.00	35.78 -1.06 0.00	34.14 -1.11 0.00	35.31 -0.93 0.00	30.16 -0.75 0.00	33.46 -0.88 0.00	35.90 -1.10 -0.02	30.88 -0.97 -0.01	31.38 -0.93 0.00	35.45 -0.82 0.00	96.64 -1.07 0.00	55.62 0.23 0.00	49.00 -0.09 0.00	52.85 -0.45 0.00	44.32 -0.46 0.00
SITHE___STERLING 23777	38.03 0.61 0.00	34.80 0.54 0.00	36.18 0.51 0.00	33.62 0.49 0.00	30.71 0.54 0.00	42.01 0.85 0.00	58.08 1.30 0.00	66.04 1.23 0.00	41.97 0.52 0.00	34.13 0.38 0.00	37.35 0.51 0.00	35.75 0.50 0.00	36.50 0.26 0.00	31.16 0.24 0.00	34.60 0.25 0.00	37.16 0.09 -0.09	31.99 0.10 -0.04	32.45 0.14 0.00	36.73 0.46 0.00	99.70 1.99 0.00	56.75 1.35 0.00	50.23 1.14 0.00	54.47 1.17 0.00	45.63 0.85 0.00
SLEIGHT__34_KV_TB1 80719	34.82 -1.01 1.59	31.29 -1.03 1.95	34.64 -1.03 0.00	32.10 -1.03 0.00	28.68 -0.66 0.82	40.48 -0.68 0.00	55.79 -0.99 0.00	62.99 -0.79 1.04	41.18 -0.26 0.00	33.48 -0.27 0.00	36.43 -0.41 0.00	34.43 -0.82 0.00	35.27 -0.97 0.00	30.09 -0.82 0.00	33.42 -0.92 0.00	28.38 -1.25 7.34	30.72 -1.19 -0.07	31.01 -1.30 0.00	34.95 -1.32 0.00	94.42 -2.90 0.39	53.81 -1.59 0.00	47.60 -1.49 0.00	51.78 -1.51 0.00	42.69 -1.45 0.64
SOUTH CAIRO___GT 23612	39.37 1.95 0.00	36.04 1.78 0.00	37.49 1.83 0.00	34.83 1.71 0.00	31.69 1.53 0.00	43.04 1.88 0.00	59.51 2.73 0.00	67.88 3.07 0.00	42.96 1.51 0.00	34.66 0.92 0.00	37.84 1.00 0.00	36.61 1.36 0.00	37.92 1.69 0.00	32.37 1.46 0.00	35.87 1.53 0.00	39.84 1.44 -1.43	34.08 1.61 -0.63	33.89 1.58 0.00	38.15 1.88 0.00	103.18 5.47 0.00	58.61 3.21 0.00	52.05 2.96 0.00	56.46 3.16 0.00	47.41 2.64 0.00
SOUTH HAMPTN___IC 23720	39.48 2.06 0.00	36.00 1.74 0.00	37.32 1.65 0.00	34.79 1.67 0.00	31.81 1.65 0.00	47.28 2.20 -3.93	64.93 3.76 -4.39	70.00 4.28 -0.90	44.55 3.10 0.00	35.98 2.24 0.00	39.24 2.40 0.00	37.31 2.06 0.00	38.36 2.12 0.00	32.76 1.85 0.00	43.01 2.46 -6.20	56.48 2.76 -16.74	49.66 2.70 -15.11	52.99 2.88 -17.81	43.23 3.28 -3.69	118.28 7.14 -13.43	82.68 3.86 -23.43	64.44 3.46 -11.89	62.44 3.91 -5.24	61.89 3.50 -13.61
SOUTHDOW__115KV_TB1 355954	33.03 -0.43 3.96	28.71 -0.70 4.85	34.89 -0.78 0.00	32.31 -0.81 0.00	27.93 -0.19 2.04	41.30 0.14 0.00	56.63 -0.15 0.00	61.73 0.29 3.37	42.03 0.59 0.00	33.94 0.19 0.00	37.02 0.18 0.00	35.23 -0.02 0.00	36.03 -0.21 0.00	30.57 -0.34 0.00	34.01 -0.34 0.00	18.37 -1.11 17.50	30.82 -1.12 -0.09	31.11 -1.20 0.00	35.18 -1.09 0.00	94.80 -1.94 0.97	54.22 -1.18 0.00	47.81 -1.28 0.00	52.10 -1.20 0.00	41.80 -1.38 1.60
SOUTHOLD_69_KV_BK 2 55809	39.15 1.73 0.00	35.67 1.41 0.00	37.03 1.36 0.00	34.61 1.49 0.00	31.66 1.50 0.00	47.11 2.02 -3.93	65.12 3.95 -4.39	70.17 4.46 -0.90	44.78 3.33 0.00	36.08 2.34 0.00	39.44 2.61 0.00	37.39 2.14 0.00	38.28 2.04 0.00	32.53 1.62 0.00	42.72 2.18 -6.20	56.17 2.45 -16.74	49.42 2.46 -15.11	52.79 2.67 -17.81	43.09 3.14 -3.69	117.73 6.59 -13.43	82.38 3.55 -23.43	64.12 3.14 -11.89	62.06 3.52 -5.24	61.73 3.34 -13.61
SOUTHOLD___IC 23719	39.15 1.73 0.00	35.68 1.41 0.00	37.04 1.36 0.00	34.61 1.49 0.00	31.66 1.50 0.00	47.11 2.02 -3.93	65.12 3.95 -4.39	70.18 4.47 -0.90	44.78 3.33 0.00	36.09 2.34 0.00	39.44 2.61 0.00	37.38 2.14 0.00	38.28 2.04 0.00	32.53 1.62 0.00	42.72 2.18 -6.20	56.18 2.46 -16.74	49.42 2.46 -15.11	52.79 2.67 -17.81	43.08 3.13 -3.69	117.72 6.59 -13.43	82.38 3.55 -23.43	64.13 3.15 -11.89	62.05 3.52 -5.24	61.72 3.33 -13.61
SOUTH_FORK_WT_PWR 323839	38.58 1.17 0.00	35.14 0.88 0.00	36.53 0.86 0.00	34.24 1.12 0.00	31.35 1.20 0.00	46.70 1.62 -3.93	64.99 3.82 -4.39	69.98 4.27 -0.90	44.78 3.33 0.00	36.02 2.28 0.00	39.47 2.63 0.00	37.32 2.07 0.00	38.06 1.82 0.00	32.18 1.27 0.00	42.27 1.72 -6.20	55.70 1.99 -16.74	49.01 2.06 -15.11	52.40 2.28 -17.81	42.71 2.76 -3.69	116.56 5.42 -13.43	81.72 2.90 -23.43	63.51 2.53 -11.89	61.35 2.82 -5.24	61.32 2.93 -13.61

SPIERFLS_115KV_TB 1 80737	39.28 1.86 0.00	35.98 1.72 0.00	37.39 1.72 0.00	34.77 1.65 0.00	31.57 1.41 0.00	42.99 1.83 0.00	59.87 3.09 0.00	68.05 3.24 0.00	43.08 1.63 0.00	34.82 1.08 0.00	37.92 1.08 0.00	36.80 1.55 0.00	37.67 1.43 0.00	32.10 1.19 0.00	35.63 1.28 0.00	40.15 1.66 -1.52	34.05 1.54 -0.67	33.90 1.59 0.00	38.17 1.90 0.00	103.22 5.51 0.00	58.14 2.74 0.00	51.73 2.64 0.00	56.16 2.86 0.00	47.06 2.28 0.00
ST LAWRENCE____ 23600	37.12 -0.30 0.00	33.96 -0.30 0.00	35.45 -0.22 0.00	32.94 -0.18 0.00	29.93 -0.23 0.00	40.91 -0.25 0.00	56.39 -0.39 0.00	64.29 -0.52 0.00	41.14 -0.30 0.00	33.41 -0.34 0.00	36.35 -0.48 0.00	34.70 -0.55 0.00	35.74 -0.50 0.00	30.53 -0.39 0.00	33.92 -0.42 0.00	36.48 -0.50 0.00	31.39 -0.46 0.00	31.86 -0.45 0.00	35.89 -0.38 0.00	97.11 -0.59 0.00	55.23 -0.16 0.00	48.75 -0.34 0.00	52.74 -0.56 0.00	44.28 -0.50 0.00
STATE_CA_115KV_115_LB 55624	38.44 1.02 0.00	35.22 0.95 0.00	36.62 0.95 0.00	34.02 0.90 0.00	30.95 0.78 0.00	41.86 0.70 0.00	57.70 0.92 0.00	65.95 1.14 0.00	42.11 0.66 0.00	34.31 0.56 0.00	37.51 0.67 0.00	36.12 0.87 0.00	37.15 0.91 0.00	31.72 0.81 0.00	35.31 0.97 0.00	39.64 1.18 -1.49	33.58 1.09 -0.66	33.44 1.13 0.00	37.48 1.22 0.00	100.31 2.60 0.00	56.68 1.28 0.00	50.34 1.25 0.00	54.70 1.41 0.00	46.05 1.28 0.00
STATE_ST_34_KV_LOAD 55959	36.25 -0.12 1.05	32.81 -0.17 1.28	35.60 -0.07 0.00	32.94 -0.18 0.00	29.59 -0.03 0.54	41.26 0.10 0.00	57.20 0.42 0.00	65.87 1.06 0.00	42.47 1.02 0.00	34.64 0.89 0.00	37.73 0.89 0.00	35.59 0.33 0.00	36.39 0.15 0.00	31.05 0.13 0.00	34.53 0.19 0.00	31.43 -0.07 5.48	31.70 -0.22 -0.08	32.08 -0.23 0.00	36.09 -0.18 0.00	97.52 0.07 0.25	55.52 0.12 0.00	49.17 0.08 0.00	53.42 0.12 0.00	44.38 0.03 0.42
STATION 5_MISC_HYD 23604	34.44 -0.98 2.00	30.76 -1.06 2.45	34.60 -1.07 0.00	32.06 -1.06 0.00	28.56 -0.57 1.03	40.61 -0.55 0.00	55.73 -1.05 0.00	62.19 -0.98 1.64	41.09 -0.36 0.00	33.26 -0.48 0.00	36.19 -0.64 0.00	34.39 -0.87 0.00	35.24 -1.00 0.00	30.09 -0.83 0.00	33.43 -0.92 0.00	26.74 -1.30 8.93	30.63 -1.28 -0.07	30.93 -1.38 0.00	34.85 -1.42 0.00	93.84 -3.38 0.49	53.52 -1.87 0.00	47.31 -1.79 0.00	51.57 -1.72 0.00	42.27 -1.70 0.81
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.85 -0.75 1.82	31.21 -0.82 2.23	34.85 -0.82 0.00	32.30 -0.82 0.00	28.78 -0.45 0.94	40.80 -0.36 0.00	56.18 -0.60 0.00	62.89 -0.37 1.55	41.51 0.06 0.00	33.69 -0.06 0.00	36.66 -0.17 0.00	34.74 -0.51 0.00	35.54 -0.70 0.00	30.29 -0.63 0.00	33.64 -0.70 0.00	27.54 -1.04 8.39	30.91 -1.01 -0.07	31.24 -1.07 0.00	35.23 -1.04 0.00	94.96 -2.30 0.45	54.12 -1.27 0.00	47.89 -1.20 0.00	52.11 -1.19 0.00	42.85 -1.19 0.73
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.29 -1.20 1.94	30.66 -1.23 2.37	34.42 -1.25 0.00	31.89 -1.23 0.00	28.42 -0.74 1.00	40.36 -0.80 0.00	55.40 -1.38 0.00	61.88 -1.34 1.59	40.84 -0.60 0.00	33.09 -0.66 0.00	36.02 -0.82 0.00	34.22 -1.03 0.00	35.07 -1.17 0.00	29.93 -0.98 0.00	33.26 -1.09 0.00	26.88 -1.43 8.67	30.50 -1.41 -0.07	30.81 -1.51 0.00	34.70 -1.57 0.00	93.41 -3.82 0.47	53.24 -2.15 0.00	47.09 -2.00 0.00	51.31 -1.99 0.00	42.10 -1.89 0.78
STA_56____34_KV_BUS2 355983	34.29 -1.20 1.94	30.66 -1.23 2.37	34.42 -1.25 0.00	31.89 -1.23 0.00	28.42 -0.74 1.00	40.36 -0.80 0.00	55.40 -1.38 0.00	61.88 -1.34 1.59	40.84 -0.60 0.00	33.09 -0.66 0.00	36.02 -0.82 0.00	34.22 -1.03 0.00	35.07 -1.17 0.00	29.93 -0.98 0.00	33.26 -1.09 0.00	26.88 -1.43 8.67	30.50 -1.41 -0.07	30.81 -1.51 0.00	34.70 -1.57 0.00	93.41 -3.82 0.47	53.24 -2.15 0.00	47.09 -2.00 0.00	51.31 -1.99 0.00	42.10 -1.89 0.78
STA_67____115KV_BK2 355882	34.36 -1.06 2.00	30.70 -1.12 2.45	34.54 -1.13 0.00	32.01 -1.12 0.00	28.51 -0.62 1.03	40.53 -0.63 0.00	55.61 -1.17 0.00	62.05 -1.12 1.64	40.99 -0.45 0.00	33.19 -0.55 0.00	36.12 -0.72 0.00	34.32 -0.93 0.00	35.17 -1.07 0.00	30.02 -0.90 0.00	33.36 -0.99 0.00	26.72 -1.33 8.93	30.57 -1.34 -0.07	30.87 -1.44 0.00	34.78 -1.49 0.00	93.64 -3.58 0.49	53.39 -2.00 0.00	47.21 -1.88 0.00	51.46 -1.84 0.00	42.20 -1.77 0.81
STA_7____115KV_9TRANS 80674	34.59 -0.83 2.00	30.90 -0.91 2.45	34.74 -0.93 0.00	32.19 -0.93 0.00	28.68 -0.45 1.03	40.78 -0.38 0.00	55.97 -0.81 0.00	62.49 -0.68 1.64	41.28 -0.16 0.00	33.42 -0.32 0.00	36.37 -0.47 0.00	34.54 -0.71 0.00	35.39 -0.85 0.00	30.20 -0.71 0.00	33.56 -0.78 0.00	26.93 -1.12 8.92	30.76 -1.16 -0.07	31.07 -1.24 0.00	35.03 -1.24 0.00	94.35 -2.87 0.49	53.78 -1.61 0.00	47.54 -1.55 0.00	51.81 -1.49 0.00	42.47 -1.50 0.80
STA_82____115KV_TB1 80780	34.32 -1.10 2.01	30.66 -1.15 2.46	34.51 -1.16 0.00	31.98 -1.14 0.00	28.48 -0.65 1.03	40.49 -0.67 0.00	55.56 -1.22 0.00	61.98 -1.18 1.65	40.95 -0.49 0.00	33.16 -0.58 0.00	36.09 -0.75 0.00	34.28 -0.97 0.00	35.12 -1.11 0.00	29.98 -0.93 0.00	33.32 -1.02 0.00	26.63 -1.37 8.97	30.54 -1.38 -0.07	30.83 -1.48 0.00	34.74 -1.53 0.00	93.54 -3.68 0.49	53.33 -2.07 0.00	47.16 -1.93 0.00	51.40 -1.89 0.00	42.16 -1.81 0.81
STEEL____WIND 323596	32.12 -1.79 3.51	28.08 -1.88 4.30	33.76 -1.91 0.00	31.22 -1.90 0.00	27.17 -1.19 1.81	39.92 -1.24 0.00	54.48 -2.29 0.00	59.40 -2.48 2.93	40.22 -1.23 0.00	32.49 -1.26 0.00	35.46 -1.38 0.00	33.70 -1.55 0.00	34.51 -1.73 0.00	29.41 -1.50 0.00	32.68 -1.66 0.00	19.14 -2.32 15.52	29.71 -2.22 -0.09	29.92 -2.39 0.00	33.78 -2.49 0.00	90.67 -6.18 0.86	51.89 -3.50 0.00	45.85 -3.24 0.00	50.18 -3.11 0.00	40.40 -2.96 1.42
STEPHTWN_115KV_BK_2 55603	38.57 1.15 0.00	35.35 1.09 0.00	36.76 1.09 0.00	34.15 1.04 0.00	31.07 0.91 0.00	42.05 0.89 0.00	58.00 1.22 0.00	66.26 1.45 0.00	42.29 0.85 0.00	34.42 0.67 0.00	37.60 0.76 0.00	36.19 0.94 0.00	37.26 1.02 0.00	31.79 0.88 0.00	35.43 1.09 0.00	39.73 1.28 -1.47	33.70 1.21 -0.65	33.58 1.27 0.00	37.66 1.39 0.00	100.86 3.15 0.00	56.96 1.57 0.00	50.59 1.50 0.00	54.96 1.67 0.00	46.26 1.48 0.00
STEBEN_REC_LFGE 323667	30.48 -1.22 5.72	25.88 -1.37 7.01	34.20 -1.47 0.00	31.78 -1.34 0.00	26.45 -0.77 2.94	40.85 -0.31 0.00	56.73 -0.05 0.00	57.60 0.07 7.28	41.88 0.43 0.00	33.82 0.08 0.00	36.81 -0.03 0.00	34.98 -0.27 0.00	35.43 -0.81 0.00	29.87 -1.04 0.00	33.12 -1.23 0.00	9.85 -1.88 25.24	30.31 -1.65 -0.12	30.70 -1.62 0.00	34.94 -1.33 0.00	94.57 -1.74 1.40	54.53 -0.86 0.00	48.24 -0.85 0.00	52.62 -0.67 0.00	41.49 -0.98 2.31
STILLWATER____SOLAR 323814	39.22 1.80 0.00	35.91 1.65 0.00	37.36 1.69 0.00	34.67 1.55 0.00	31.44 1.27 0.00	42.83 1.67 0.00	59.35 2.57 0.00	67.53 2.72 0.00	42.82 1.38 0.00	34.69 0.94 0.00	37.86 1.02 0.00	36.63 1.38 0.00	37.53 1.29 0.00	32.00 1.09 0.00	35.57 1.23 0.00	40.01 1.52 -1.51	33.91 1.40 -0.67	33.87 1.56 0.00	38.04 1.77 0.00	102.43 4.72 0.00	57.90 2.51 0.00	51.47 2.38 0.00	55.91 2.61 0.00	46.92 2.15 0.00

STONY___BROOK 24151	39.81 2.39 0.00	36.33 2.07 0.00	37.59 1.92 0.00	34.90 1.78 0.00	31.87 1.71 0.00	47.34 2.24 -3.94	64.40 3.23 -4.40	69.46 3.75 -0.90	44.05 2.60 0.00	35.75 2.00 0.00	38.90 2.07 0.00	37.15 1.90 0.00	38.40 2.16 0.00	33.00 2.08 0.00	43.32 2.76 -6.22	56.82 3.07 -16.77	49.91 2.92 -15.15	53.23 3.07 -17.85	43.31 3.35 -3.69	118.70 7.53 -13.46	82.96 4.08 -23.49	64.74 3.73 -11.92	62.77 4.23 -5.25	61.98 3.55 -13.65
STURGEON_POOL_HYD 23609	39.04 1.62 0.00	35.78 1.52 0.00	37.09 1.42 0.00	34.41 1.29 0.00	31.30 1.14 0.00	42.68 1.52 0.00	59.05 2.27 0.00	67.67 2.86 0.00	43.36 1.91 0.00	35.37 1.62 0.00	38.64 1.80 0.00	37.06 1.81 0.00	38.27 2.04 0.00	32.81 1.90 0.00	36.66 2.32 0.00	40.85 2.57 -1.31	34.76 2.34 -0.58	34.67 2.36 0.00	38.80 2.53 0.00	103.75 6.04 0.00	58.58 3.18 0.00	51.99 2.89 0.00	56.48 3.18 0.00	47.36 2.58 0.00
ST_LAW_115_BK7_LBMP 345037	37.07 -0.34 0.00	33.92 -0.34 0.00	35.41 -0.26 0.00	32.91 -0.21 0.00	29.89 -0.27 0.00	40.86 -0.30 0.00	56.29 -0.49 0.00	64.20 -0.61 0.00	41.09 -0.36 0.00	33.35 -0.40 0.00	36.28 -0.56 0.00	34.63 -0.62 0.00	35.68 -0.56 0.00	30.48 -0.44 0.00	33.86 -0.48 0.00	36.41 -0.56 0.00	31.33 -0.51 0.00	31.80 -0.51 0.00	35.82 -0.45 0.00	96.95 -0.75 0.00	55.19 -0.21 0.00	48.70 -0.40 0.00	52.63 -0.67 0.00	44.20 -0.57 0.00
ST_LAW_115_BK8_LBMP 345038	37.07 -0.34 0.00	33.92 -0.34 0.00	35.41 -0.26 0.00	32.91 -0.21 0.00	29.89 -0.27 0.00	40.86 -0.30 0.00	56.29 -0.49 0.00	64.20 -0.61 0.00	41.09 -0.36 0.00	33.35 -0.40 0.00	36.28 -0.56 0.00	34.63 -0.62 0.00	35.68 -0.56 0.00	30.48 -0.44 0.00	33.86 -0.48 0.00	36.41 -0.56 0.00	31.33 -0.51 0.00	31.80 -0.51 0.00	35.82 -0.45 0.00	96.95 -0.75 0.00	55.19 -0.21 0.00	48.70 -0.40 0.00	52.63 -0.67 0.00	44.20 -0.57 0.00
ST_LAW_230_BK5_LBMP 345035	37.12 -0.30 0.00	33.96 -0.30 0.00	35.45 -0.22 0.00	32.94 -0.18 0.00	29.93 -0.23 0.00	40.91 -0.25 0.00	56.39 -0.39 0.00	64.29 -0.52 0.00	41.14 -0.30 0.00	33.41 -0.34 0.00	36.35 -0.48 0.00	34.70 -0.55 0.00	35.74 -0.50 0.00	30.53 -0.39 0.00	33.92 -0.42 0.00	36.48 -0.50 0.00	31.39 -0.46 0.00	31.86 -0.45 0.00	35.89 -0.38 0.00	97.11 -0.59 0.00	55.23 -0.16 0.00	48.75 -0.34 0.00	52.74 -0.56 0.00	44.28 -0.50 0.00
ST_LAW_230_BK6_LBMP 345036	37.12 -0.30 0.00	33.96 -0.30 0.00	35.45 -0.22 0.00	32.94 -0.18 0.00	29.93 -0.23 0.00	40.91 -0.25 0.00	56.39 -0.39 0.00	64.29 -0.52 0.00	41.14 -0.30 0.00	33.41 -0.34 0.00	36.35 -0.48 0.00	34.70 -0.55 0.00	35.74 -0.50 0.00	30.53 -0.39 0.00	33.92 -0.42 0.00	36.48 -0.50 0.00	31.39 -0.46 0.00	31.86 -0.45 0.00	35.89 -0.38 0.00	97.11 -0.59 0.00	55.23 -0.16 0.00	48.75 -0.34 0.00	52.74 -0.56 0.00	44.28 -0.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.70 1.28 0.00	35.46 1.19 0.00	36.73 1.06 0.00	34.07 0.95 0.00	31.04 0.88 0.00	42.27 1.11 0.00	58.44 1.66 0.00	66.98 2.17 0.00	42.96 1.51 0.00	35.09 1.35 0.00	38.34 1.51 0.00	36.76 1.51 0.00	37.92 1.68 0.00	32.62 1.71 0.00	36.44 2.10 0.00	42.68 2.44 -3.27	34.63 2.24 -0.55	34.57 2.26 0.00	38.71 2.44 0.00	103.57 5.76 -0.11	58.36 2.97 0.00	51.76 2.66 0.00	56.22 2.93 0.00	47.35 2.39 -0.18
SWANROAD_115KV_TB1 355699	31.68 -2.71 3.02	27.89 -2.66 3.71	32.92 -2.75 0.00	30.48 -2.64 0.00	26.84 -1.77 1.56	38.93 -2.23 0.00	52.83 -3.94 0.00	57.97 -4.34 2.51	38.92 -2.52 0.00	31.42 -2.32 0.00	34.29 -2.55 0.00	32.57 -2.68 0.00	33.39 -2.85 0.00	28.52 -2.39 0.00	31.71 -2.63 0.00	20.57 -3.01 13.40	28.79 -3.13 -0.08	28.95 -3.36 0.00	32.63 -3.64 0.00	87.41 -9.56 0.74	50.01 -5.38 0.00	44.18 -4.91 0.00	48.58 -4.72 0.00	39.38 -4.18 1.22
SYNERGY___BIOGAS 323694	33.71 -1.09 2.62	29.87 -1.18 3.21	34.47 -1.20 0.00	31.92 -1.20 0.00	28.28 -0.54 1.35	40.72 -0.44 0.00	55.65 -1.13 0.00	61.69 -0.95 2.16	41.14 -0.30 0.00	33.09 -0.66 0.00	35.75 -1.08 0.00	33.72 -1.53 0.00	34.50 -1.73 0.00	29.37 -1.55 0.00	32.66 -1.68 0.00	23.24 -2.11 11.63	29.68 -2.24 -0.08	29.93 -2.38 0.00	33.91 -2.35 0.00	92.27 -4.79 0.64	52.96 -2.43 0.00	46.83 -2.26 0.00	51.21 -2.09 0.00	41.66 -2.07 1.06
SYRACUSE___ENERGY_ST1 323597	36.55 -0.30 0.57	33.27 -0.30 0.69	35.35 -0.32 0.00	32.80 -0.32 0.00	29.67 -0.20 0.29	40.97 -0.19 0.00	56.59 -0.18 0.00	65.10 0.28 0.00	41.85 0.41 0.00	34.14 0.40 0.00	37.26 0.43 0.00	35.38 0.13 0.00	36.21 -0.02 0.00	30.92 0.01 0.00	34.36 0.01 0.00	33.46 -0.16 3.35	31.72 -0.18 -0.06	32.01 -0.30 0.00	35.88 -0.39 0.00	96.84 -0.73 0.14	54.98 -0.41 0.00	48.72 -0.37 0.00	52.93 -0.37 0.00	44.21 -0.34 0.22
SYRACUSE___ENERGY_ST2 323598	36.55 -0.30 0.57	33.27 -0.30 0.69	35.35 -0.32 0.00	32.80 -0.32 0.00	29.67 -0.20 0.29	40.97 -0.19 0.00	56.59 -0.18 0.00	65.10 0.28 0.00	41.85 0.41 0.00	34.14 0.40 0.00	37.26 0.43 0.00	35.38 0.13 0.00	36.21 -0.02 0.00	30.92 0.01 0.00	34.36 0.01 0.00	33.46 -0.16 3.35	31.72 -0.18 -0.06	32.01 -0.30 0.00	35.88 -0.39 0.00	96.84 -0.73 0.14	54.98 -0.41 0.00	48.72 -0.37 0.00	52.93 -0.37 0.00	44.21 -0.34 0.22
SYRACUSE___POWER 24017	37.17 -0.25 0.00	34.01 -0.25 0.00	35.37 -0.30 0.00	32.84 -0.28 0.00	29.99 -0.17 0.00	41.01 -0.15 0.00	56.63 -0.15 0.00	64.85 0.03 0.00	41.56 0.11 0.00	33.92 0.17 0.00	37.05 0.21 0.00	35.31 0.06 0.00	36.12 -0.11 0.00	30.85 -0.06 0.00	34.29 -0.06 0.00	34.97 -0.20 1.80	31.71 -0.20 -0.07	32.02 -0.29 0.00	35.92 -0.35 0.00	97.01 -0.70 0.00	55.04 -0.36 0.00	48.78 -0.31 0.00	52.98 -0.31 0.00	44.45 -0.33 0.00
TALLMAN__138KV_BK151 55660	38.91 1.49 0.00	35.63 1.37 0.00	36.88 1.21 0.00	34.21 1.09 0.00	31.17 1.01 0.00	42.46 1.30 0.00	58.73 1.95 0.00	67.37 2.56 0.00	43.25 1.80 0.00	35.36 1.62 0.00	38.65 1.81 0.00	37.03 1.78 0.00	38.20 1.96 0.00	32.86 1.95 0.00	36.72 2.37 0.00	42.97 2.78 -3.21	34.95 2.54 -0.56	34.84 2.53 0.00	38.94 2.68 0.00	104.18 6.37 -0.10	58.68 3.29 0.00	52.02 2.93 0.00	56.53 3.24 0.00	47.58 2.63 -0.17
TEALLAVE_115KV_TB7 355573	36.92 -0.50 0.00	33.79 -0.47 0.00	35.15 -0.52 0.00	32.63 -0.50 0.00	29.80 -0.36 0.00	40.75 -0.41 0.00	56.25 -0.53 0.00	64.36 -0.45 0.00	41.23 -0.22 0.00	33.62 -0.12 0.00	36.74 -0.10 0.00	35.05 -0.20 0.00	35.90 -0.34 0.00	30.66 -0.25 0.00	34.06 -0.28 0.00	36.69 -0.42 -0.13	31.51 -0.39 -0.06	31.83 -0.48 0.00	35.69 -0.58 0.00	96.39 -1.32 0.00	54.62 -0.77 0.00	48.41 -0.68 0.00	52.61 -0.69 0.00	44.16 -0.61 0.00
TELGRAPH_34_KV_EAST 80808	32.77 -1.85 2.80	28.94 -1.89 3.44	33.75 -1.92 0.00	31.24 -1.88 0.00	27.58 -1.14 1.44	39.87 -1.29 0.00	54.29 -2.49 0.00	59.90 -2.59 2.32	40.07 -1.38 0.00	32.30 -1.44 0.00	35.11 -1.73 0.00	33.29 -1.96 0.00	34.12 -2.12 0.00	29.09 -1.82 0.00	32.35 -2.00 0.00	22.13 -2.41 12.43	29.39 -2.52 -0.08	29.64 -2.67 0.00	33.45 -2.82 0.00	90.11 -6.91 0.69	51.59 -3.81 0.00	45.58 -3.51 0.00	49.98 -3.32 0.00	40.60 -3.04 1.13

TEMPLE___115KV_TB 2 55572	36.94 -0.47 0.00	33.81 -0.46 0.00	35.17 -0.50 0.00	32.65 -0.47 0.00	29.82 -0.34 0.00	40.77 -0.39 0.00	56.27 -0.51 0.00	64.39 -0.42 0.00	41.26 -0.18 0.00	33.65 -0.09 0.00	36.78 -0.06 0.00	35.08 -0.16 0.00	35.94 -0.30 0.00	30.69 -0.23 0.00	34.10 -0.25 0.00	36.73 -0.38 -0.13	31.55 -0.35 -0.06	31.87 -0.44 0.00	35.72 -0.55 0.00	96.41 -1.30 0.00	54.66 -0.74 0.00	48.45 -0.64 0.00	52.64 -0.66 0.00	44.20 -0.58 0.00
TIANA___69_KV_BK 1 55817	39.62 2.20 0.00	36.13 1.87 0.00	37.43 1.76 0.00	34.86 1.74 0.00	31.86 1.69 0.00	47.33 2.25 -3.93	64.81 3.65 -4.39	69.88 4.17 -0.90	44.42 2.98 0.00	35.92 2.17 0.00	39.13 2.29 0.00	37.26 2.01 0.00	38.37 2.13 0.00	32.84 1.93 0.00	43.11 2.57 -6.20	56.56 2.85 -16.74	49.75 2.80 -15.11	53.07 2.95 -17.81	43.29 3.34 -3.69	118.47 7.33 -13.43	82.79 3.97 -23.43	64.56 3.58 -11.89	62.59 4.06 -5.24	61.93 3.54 -13.61
TILDEN___115KV_TB1 80814	37.17 -0.25 0.00	34.01 -0.25 0.00	35.37 -0.30 0.00	32.84 -0.28 0.00	29.99 -0.17 0.00	41.01 -0.15 0.00	56.63 -0.15 0.00	64.85 0.03 0.00	41.56 0.11 0.00	33.92 0.17 0.00	37.05 0.21 0.00	35.31 0.06 0.00	36.12 -0.11 0.00	30.85 -0.06 0.00	34.29 -0.06 0.00	34.97 -0.20 1.80	31.71 -0.20 -0.07	32.02 -0.29 0.00	35.92 -0.35 0.00	97.01 -0.70 0.00	55.04 -0.36 0.00	48.78 -0.31 0.00	52.98 -0.31 0.00	44.45 -0.33 0.00
TRIGEN___CC 323695	39.42 2.00 0.00	36.04 1.78 0.00	37.29 1.62 0.00	34.62 1.49 0.00	31.58 1.42 0.00	49.78 1.82 -6.80	66.97 2.60 -7.60	69.53 3.16 -1.56	43.72 2.27 0.00	35.65 1.90 0.00	38.89 2.06 0.00	37.24 1.99 0.00	38.50 2.26 0.00	33.09 2.18 0.00	47.77 2.70 -10.73	66.74 3.10 -26.67	60.45 2.88 -25.73	65.99 2.87 -30.81	45.66 3.01 -6.38	127.78 6.83 -23.24	99.56 3.63 -40.54	73.00 3.34 -20.57	66.14 3.78 -9.06	71.50 3.17 -23.55
TRINITY___115KV___ 4 BK 55933	38.29 0.87 0.00	35.08 0.82 0.00	36.49 0.82 0.00	33.90 0.78 0.00	30.83 0.67 0.00	41.68 0.52 0.00	57.43 0.65 0.00	65.64 0.82 0.00	41.95 0.50 0.00	34.20 0.45 0.00	37.38 0.54 0.00	35.96 0.70 0.00	36.99 0.75 0.00	31.61 0.70 0.00	35.21 0.87 0.00	39.54 1.08 -1.48	33.48 0.99 -0.65	33.34 1.03 0.00	37.36 1.09 0.00	99.91 2.21 0.00	56.45 1.06 0.00	50.17 1.08 0.00	54.53 1.23 0.00	45.92 1.14 0.00
UNION___PROCESSING_DRP 323587	34.33 -1.09 2.01	30.66 -1.15 2.46	34.52 -1.15 0.00	31.98 -1.14 0.00	28.49 -0.64 1.03	40.50 -0.66 0.00	55.57 -1.21 0.00	62.02 -1.15 1.65	40.97 -0.48 0.00	33.17 -0.57 0.00	36.10 -0.74 0.00	34.28 -0.97 0.00	35.13 -1.11 0.00	29.99 -0.93 0.00	33.32 -1.02 0.00	26.62 -1.37 8.98	30.54 -1.38 -0.07	30.84 -1.47 0.00	34.74 -1.53 0.00	93.54 -3.68 0.49	53.35 -2.04 0.00	47.17 -1.93 0.00	51.42 -1.88 0.00	42.16 -1.80 0.81
UPPER HUDSON___HYD 24058	39.28 1.86 0.00	35.98 1.72 0.00	37.39 1.72 0.00	34.77 1.65 0.00	31.57 1.41 0.00	42.99 1.83 0.00	59.86 3.08 0.00	68.05 3.24 0.00	43.08 1.63 0.00	34.82 1.07 0.00	37.92 1.08 0.00	36.80 1.55 0.00	37.67 1.43 0.00	32.10 1.18 0.00	35.63 1.28 0.00	40.15 1.66 -1.52	34.05 1.54 -0.67	33.90 1.59 0.00	38.17 1.90 0.00	103.22 5.51 0.00	58.13 2.74 0.00	51.73 2.64 0.00	56.15 2.86 0.00	47.05 2.28 0.00
UPPER RAQUET___HYD 24056	35.78 -1.64 0.00	32.77 -1.49 0.00	34.22 -1.45 0.00	31.86 -1.26 0.00	28.91 -1.25 0.00	39.62 -1.54 0.00	54.56 -2.22 0.00	62.12 -2.69 0.00	39.64 -1.81 0.00	32.00 -1.75 0.00	34.66 -2.17 0.00	33.08 -2.17 0.00	34.15 -2.09 0.00	29.19 -1.72 0.00	32.37 -1.97 0.00	34.79 -2.21 -0.02	29.91 -1.94 -0.01	30.41 -1.90 0.00	34.31 -1.96 0.00	93.47 -4.24 0.00	53.54 -1.85 0.00	47.14 -1.95 0.00	50.84 -2.46 0.00	42.76 -2.01 0.00
VALLEY44_115KV_TB2 355964	31.86 -1.42 4.13	27.58 -1.61 5.07	33.96 -1.71 0.00	31.39 -1.73 0.00	26.91 -1.13 2.13	39.94 -1.22 0.00	54.79 -1.99 0.00	59.19 -2.12 3.50	40.46 -0.99 0.00	32.91 -0.83 0.00	35.88 -0.96 0.00	34.24 -1.01 0.00	35.01 -1.23 0.00	29.80 -1.12 0.00	33.25 -1.10 0.00	16.93 -1.78 18.26	30.27 -1.67 -0.09	30.56 -1.75 0.00	34.43 -1.84 0.00	92.33 -4.36 1.01	52.70 -2.69 0.00	46.43 -2.66 0.00	50.74 -2.56 0.00	40.61 -2.50 1.67
VALLEY___115KV_TB 1-4 80826	38.22 0.80 0.00	34.97 0.71 0.00	36.26 0.59 0.00	33.69 0.57 0.00	30.63 0.47 0.00	41.83 0.68 0.00	57.96 1.18 0.00	65.26 0.44 0.00	41.13 -0.31 0.00	33.30 -0.45 0.00	36.51 -0.33 0.00	35.42 0.17 0.00	36.11 -0.13 0.00	30.58 -0.33 0.00	34.43 0.09 0.00	36.68 -0.30 0.00	31.83 -0.02 0.00	32.63 0.32 0.00	36.78 0.51 0.00	100.15 2.44 0.00	56.74 1.35 0.00	50.52 1.43 0.00	55.18 1.88 0.00	46.33 1.56 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.07 1.45 -1.20	37.02 1.29 -1.47	37.02 1.35 0.00	34.34 1.22 0.00	31.73 0.96 -0.62	42.94 1.78 0.00	61.98 5.20 0.00	71.34 5.46 -1.07	44.47 3.02 0.00	36.38 2.63 0.00	39.71 2.88 0.00	38.05 2.80 0.00	38.72 2.49 0.00	32.51 1.60 0.00	35.89 1.54 0.00	44.93 1.63 -6.32	33.62 1.50 -0.28	33.86 1.55 0.00	38.27 2.00 0.00	103.33 5.31 -0.31	58.22 2.82 0.00	51.59 2.50 0.00	56.03 2.74 0.00	47.50 2.21 -0.51
VISCHER___FERRY HYD 24020	38.74 1.32 0.00	35.49 1.23 0.00	36.91 1.24 0.00	34.28 1.16 0.00	31.17 1.01 0.00	42.40 1.25 0.00	58.56 1.78 0.00	66.83 2.02 0.00	42.56 1.12 0.00	34.63 0.88 0.00	37.83 0.99 0.00	36.44 1.19 0.00	37.41 1.18 0.00	31.93 1.02 0.00	35.52 1.17 0.00	39.92 1.46 -1.50	33.77 1.27 -0.66	33.65 1.34 0.00	37.74 1.48 0.00	101.24 3.53 0.00	57.22 1.82 0.00	50.91 1.82 0.00	55.34 2.04 0.00	46.51 1.74 0.00
V_A_10_SYNC_DSASP 323832	33.00 -1.92 2.50	29.26 -1.94 3.06	33.72 -1.95 0.00	31.22 -1.90 0.00	27.64 -1.24 1.28	39.69 -1.47 0.00	54.17 -2.61 0.00	59.88 -2.88 2.04	39.87 -1.57 0.00	32.29 -1.46 0.00	35.22 -1.62 0.00	33.51 -1.74 0.00	34.37 -1.87 0.00	29.35 -1.56 0.00	32.66 -1.69 0.00	23.79 -2.13 11.05	29.80 -2.11 -0.07	30.03 -2.28 0.00	33.78 -2.49 0.00	90.67 -6.42 0.61	51.72 -3.67 0.00	45.69 -3.40 0.00	49.99 -3.31 0.00	40.78 -2.99 1.01
V_CMM_10_SYNC_DSASP 323787	37.26 -0.16 0.00	34.08 -0.18 0.00	35.58 -0.09 0.00	33.07 -0.05 0.00	30.03 -0.13 0.00	41.07 -0.09 0.00	56.49 -0.29 0.00	64.34 -0.47 0.00	41.21 -0.24 0.00	33.50 -0.25 0.00	36.46 -0.38 0.00	34.79 -0.46 0.00	35.84 -0.40 0.00	30.62 -0.29 0.00	34.02 -0.32 0.00	36.56 -0.41 0.00	31.47 -0.37 0.00	31.94 -0.37 0.00	35.96 -0.31 0.00	97.45 -0.27 0.00	55.42 0.03 0.00	48.83 -0.26 0.00	52.69 -0.61 0.00	44.31 -0.47 0.00
V_CMP_10_SYNC_DSASP 323788	37.65 0.23 0.00	34.45 0.19 0.00	35.97 0.30 0.00	33.43 0.31 0.00	30.41 0.25 0.00	41.49 0.33 0.00	57.20 0.42 0.00	65.39 0.58 0.00	41.82 0.37 0.00	33.89 0.15 0.00	36.82 -0.02 0.00	35.21 -0.04 0.00	36.21 -0.03 0.00	30.90 -0.01 0.00	34.48 0.13 0.00	37.05 0.07 0.00	31.86 0.02 0.00	32.37 0.06 0.00	36.48 0.21 0.00	98.92 1.21 0.00	56.42 1.02 0.00	49.66 0.57 0.00	53.65 0.35 0.00	45.00 0.22 0.00

V_D_10_SYNC_DSASP 323841	37.30 -0.12 0.00	34.12 -0.14 0.00	35.62 -0.05 0.00	33.12 0.00 0.00	30.08 -0.08 0.00	41.16 0.00 0.00	56.62 -0.16 0.00	64.58 -0.23 0.00	41.36 -0.09 0.00	33.48 -0.27 0.00	36.39 -0.44 0.00	34.73 -0.52 0.00	35.80 -0.44 0.00	30.58 -0.33 0.00	33.97 -0.37 0.00	36.47 -0.50 0.00	31.38 -0.46 0.00	31.87 -0.44 0.00	35.84 -0.43 0.00	97.29 -0.42 0.00	55.45 0.05 0.00	48.88 -0.21 0.00	52.81 -0.48 0.00	44.38 -0.40 0.00
V_E_10_SYNC_DSASP 323830	40.62 2.50 -0.69	37.27 2.15 -0.85	37.84 2.17 0.00	34.89 1.76 0.00	32.33 1.81 -0.36	44.07 2.91 0.00	61.71 4.93 0.00	72.95 5.13 -3.01	43.91 2.46 0.00	36.03 2.28 0.00	39.57 2.73 0.00	37.80 2.56 0.00	38.24 2.01 0.00	32.14 1.23 0.00	35.38 1.04 0.00	41.44 0.62 -3.85	32.69 0.62 -0.22	33.34 1.03 0.00	38.26 1.99 0.00	105.83 7.93 -0.18	60.13 4.73 0.00	53.11 4.02 0.00	57.51 4.21 0.00	48.28 3.20 -0.30
V_F_30_NSYNC___DSASP 323816	39.26 1.85 0.00	35.96 1.69 0.00	37.40 1.73 0.00	34.70 1.58 0.00	31.45 1.29 0.00	42.85 1.69 0.00	59.38 2.60 0.00	67.55 2.74 0.00	42.85 1.40 0.00	34.73 0.98 0.00	37.92 1.08 0.00	36.67 1.42 0.00	37.57 1.33 0.00	32.04 1.13 0.00	35.61 1.27 0.00	40.05 1.56 -1.51	33.94 1.43 -0.67	33.89 1.58 0.00	38.07 1.80 0.00	102.51 4.80 0.00	57.91 2.52 0.00	51.48 2.39 0.00	55.93 2.63 0.00	46.93 2.15 0.00
V_F_30_SYNC_DSASP 323786	38.44 1.02 0.00	35.22 0.95 0.00	36.62 0.95 0.00	34.02 0.90 0.00	30.94 0.78 0.00	41.86 0.70 0.00	57.70 0.92 0.00	65.94 1.13 0.00	42.10 0.66 0.00	34.31 0.56 0.00	37.51 0.67 0.00	36.12 0.87 0.00	37.15 0.91 0.00	31.72 0.81 0.00	35.31 0.96 0.00	39.63 1.17 -1.49	33.57 1.08 -0.66	33.44 1.13 0.00	37.48 1.22 0.00	100.30 2.59 0.00	56.68 1.28 0.00	50.33 1.24 0.00	54.70 1.40 0.00	46.05 1.27 0.00
V_XM_10_SYNC_DSASP 323789	37.65 0.23 0.00	34.45 0.19 0.00	35.97 0.30 0.00	33.43 0.31 0.00	30.41 0.25 0.00	41.49 0.33 0.00	57.20 0.42 0.00	65.39 0.58 0.00	41.82 0.37 0.00	33.89 0.15 0.00	36.82 -0.02 0.00	35.21 -0.04 0.00	36.21 -0.03 0.00	30.90 -0.01 0.00	34.48 0.13 0.00	37.05 0.07 0.00	31.86 0.02 0.00	32.37 0.06 0.00	36.48 0.21 0.00	98.92 1.21 0.00	56.42 1.02 0.00	49.66 0.57 0.00	53.65 0.35 0.00	45.00 0.22 0.00
W.BABYLN_69_KV_BK1 56697	39.94 2.52 0.00	36.45 2.18 0.00	37.69 2.03 0.00	34.99 1.87 0.00	31.94 1.78 0.00	47.79 2.35 -4.28	64.84 3.27 -4.79	69.60 3.81 -0.98	44.11 2.66 0.00	35.85 2.11 0.00	39.02 2.18 0.00	37.30 2.05 0.00	38.57 2.33 0.00	33.16 2.25 0.00	43.98 2.87 -6.76	58.26 3.33 -17.96	51.30 3.04 -16.42	54.93 3.20 -19.41	43.68 3.39 -4.02	120.15 7.80 -14.64	85.15 4.22 -25.54	65.91 3.86 -12.96	63.39 4.39 -5.71	63.32 3.70 -14.84
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.03 1.61 0.00	35.74 1.48 0.00	36.99 1.32 0.00	34.33 1.20 0.00	31.27 1.11 0.00	42.60 1.44 0.00	58.92 2.14 0.00	67.59 2.78 0.00	43.40 1.95 0.00	35.47 1.72 0.00	38.76 1.93 0.00	37.16 1.91 0.00	38.32 2.08 0.00	32.97 2.06 0.00	36.84 2.49 0.00	43.07 2.89 -3.20	35.05 2.64 -0.56	34.95 2.64 0.00	39.08 2.81 0.00	104.53 6.72 -0.10	58.86 3.47 0.00	52.20 3.10 0.00	56.70 3.41 0.00	47.71 2.77 -0.17
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.11 1.69 0.00	35.80 1.54 0.00	37.01 1.34 0.00	34.37 1.24 0.00	31.35 1.19 0.00	42.59 1.43 0.00	59.01 2.23 0.00	67.89 3.08 0.00	43.73 2.28 0.00	35.79 2.04 0.00	39.12 2.28 0.00	37.47 2.21 0.00	38.62 2.38 0.00	33.25 2.34 0.00	37.14 2.79 0.00	43.31 3.20 -3.14	35.35 2.94 -0.57	35.23 2.92 0.00	39.33 3.06 0.00	104.84 7.13 0.00	59.07 3.67 0.00	52.38 3.29 0.00	56.94 3.65 0.00	47.80 3.02 0.00
W50THST__13_KV_LOAD 356117	39.28 1.86 0.00	35.94 1.68 0.00	37.12 1.45 0.00	34.45 1.33 0.00	31.44 1.29 0.00	42.73 1.57 0.00	59.31 2.53 0.00	68.24 3.43 0.00	43.98 2.54 0.00	36.02 2.27 0.00	39.38 2.54 0.00	37.71 2.47 0.00	38.88 2.64 0.00	33.47 2.56 0.00	37.40 3.05 0.00	43.56 3.45 -3.14	35.57 3.16 -0.57	35.45 3.14 0.00	39.55 3.28 0.00	105.41 7.70 0.00	59.37 3.98 0.00	52.64 3.55 0.00	57.18 3.88 0.00	48.02 3.24 0.00
WADING RIVER_IC_1 23522	39.69 2.27 0.00	36.22 1.95 0.00	37.48 1.81 0.00	34.83 1.71 0.00	31.82 1.66 0.00	47.25 2.16 -3.93	64.40 3.23 -4.39	69.45 3.74 -0.90	44.07 2.62 0.00	35.70 1.95 0.00	38.85 2.01 0.00	37.07 1.82 0.00	38.27 2.03 0.00	32.87 1.96 0.00	43.14 2.60 -6.20	56.58 2.87 -16.73	49.72 2.78 -15.11	53.04 2.93 -17.80	43.19 3.24 -3.69	118.28 7.15 -13.43	82.69 3.87 -23.42	64.51 3.53 -11.88	62.56 4.02 -5.23	61.83 3.44 -13.61
WADING RIVER_IC_2 23547	39.69 2.27 0.00	36.22 1.95 0.00	37.48 1.81 0.00	34.83 1.71 0.00	31.82 1.66 0.00	47.25 2.16 -3.93	64.40 3.23 -4.39	69.45 3.74 -0.90	44.07 2.62 0.00	35.70 1.95 0.00	38.85 2.01 0.00	37.07 1.82 0.00	38.27 2.03 0.00	32.87 1.96 0.00	43.14 2.60 -6.20	56.58 2.87 -16.73	49.72 2.78 -15.11	53.04 2.93 -17.80	43.19 3.24 -3.69	118.28 7.15 -13.43	82.69 3.87 -23.42	64.51 3.53 -11.88	62.56 4.02 -5.23	61.83 3.44 -13.61
WADING RIVER_IC_3 23601	39.69 2.27 0.00	36.22 1.95 0.00	37.48 1.81 0.00	34.83 1.71 0.00	31.82 1.66 0.00	47.25 2.16 -3.93	64.40 3.23 -4.39	69.45 3.74 -0.90	44.07 2.62 0.00	35.70 1.95 0.00	38.85 2.01 0.00	37.07 1.82 0.00	38.27 2.03 0.00	32.87 1.96 0.00	43.14 2.60 -6.20	56.58 2.87 -16.73	49.72 2.78 -15.11	53.04 2.93 -17.80	43.19 3.24 -3.69	118.28 7.15 -13.43	82.69 3.87 -23.42	64.51 3.53 -11.88	62.56 4.02 -5.23	61.83 3.44 -13.61
WALDENNY_12_KV_BK2 80841	32.16 -1.80 3.46	28.15 -1.87 4.24	33.77 -1.90 0.00	31.23 -1.89 0.00	27.24 -1.14 1.78	39.93 -1.23 0.00	54.45 -2.33 0.00	59.48 -2.45 2.88	40.22 -1.23 0.00	32.49 -1.25 0.00	35.46 -1.38 0.00	33.72 -1.53 0.00	34.53 -1.71 0.00	29.43 -1.49 0.00	32.72 -1.62 0.00	19.52 -2.16 15.30	29.74 -2.19 -0.09	29.95 -2.36 0.00	33.79 -2.48 0.00	90.67 -6.19 0.85	51.86 -3.54 0.00	45.81 -3.28 0.00	50.16 -3.14 0.00	40.44 -2.94 1.40
WALDEN___HYDRO 24148	39.43 2.01 0.00	36.12 1.86 0.00	37.44 1.77 0.00	34.73 1.61 0.00	31.62 1.46 0.00	43.09 1.93 0.00	59.66 2.88 0.00	68.30 3.49 0.00	43.68 2.23 0.00	35.54 1.80 0.00	38.82 1.99 0.00	37.27 2.02 0.00	38.55 2.32 0.00	33.03 2.12 0.00	36.93 2.58 0.00	41.07 2.82 -1.28	34.94 2.53 -0.57	34.80 2.49 0.00	38.94 2.67 0.00	104.27 6.46 -0.10	58.82 3.42 0.00	52.17 3.07 0.00	56.66 3.36 0.00	47.67 2.72 -0.17
WARRENSBURG____ 23737	39.28 1.86 0.00	35.98 1.72 0.00	37.39 1.72 0.00	34.77 1.65 0.00	31.57 1.41 0.00	42.99 1.83 0.00	59.87 3.09 0.00	68.05 3.24 0.00	43.08 1.63 0.00	34.82 1.08 0.00	37.92 1.08 0.00	36.80 1.55 0.00	37.67 1.43 0.00	32.10 1.19 0.00	35.63 1.28 0.00	40.15 1.66 -1.52	34.05 1.54 -0.67	33.90 1.59 0.00	38.17 1.90 0.00	103.22 5.51 0.00	58.14 2.74 0.00	51.73 2.64 0.00	56.16 2.86 0.00	47.06 2.28 0.00

WATERSIDE___6 8 9 23538	39.06 1.64 0.00	35.78 1.51 0.00	36.98 1.31 0.00	34.35 1.23 0.00	31.33 1.17 0.00	42.52 1.36 0.00	58.80 2.03 0.00	67.67 2.86 0.00	43.62 2.17 0.00	35.71 1.96 0.00	39.01 2.17 0.00	37.32 2.07 0.00	38.52 2.28 0.00	33.19 2.28 0.00	37.01 2.67 0.00	43.21 3.09 -3.14	35.24 2.83 -0.57	35.10 2.80 0.00	39.17 2.90 0.00	104.39 6.68 0.00	58.84 3.45 0.00	52.20 3.10 0.00	56.74 3.44 0.00	47.67 2.89 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.59 1.17 0.00	35.29 1.03 0.00	36.55 0.88 0.00	33.98 0.86 0.00	30.88 0.72 0.00	42.07 0.91 0.00	58.36 1.59 0.00	65.17 0.36 0.00	40.67 -0.78 0.00	32.74 -1.01 0.00	36.07 -0.77 0.00	35.38 0.13 0.00	35.97 -0.27 0.00	30.19 -0.72 0.00	34.34 -0.01 0.00	36.44 -0.54 0.00	31.78 -0.06 0.00	32.79 0.48 0.00	36.95 0.68 0.00	101.07 3.36 0.00	57.22 1.83 0.00	51.05 1.96 0.00	55.97 2.68 0.00	46.98 2.21 0.00
WDELAWARE___HYD 323627	39.37 1.54 -0.41	36.21 1.45 -0.50	37.06 1.39 0.00	34.39 1.27 0.00	31.54 1.16 -0.21	42.76 1.60 0.00	59.18 2.40 0.00	67.60 2.78 0.00	43.13 1.69 0.00	35.11 1.36 0.00	38.34 1.51 0.00	36.81 1.56 0.00	37.16 0.92 0.00	31.63 0.72 0.00	35.21 0.86 0.00	41.47 1.01 -3.48	33.37 0.99 -0.53	33.39 1.08 0.00	37.55 1.29 0.00	100.96 3.12 -0.12	58.35 2.95 0.00	51.76 2.66 0.00	56.19 2.89 0.00	47.30 2.32 -0.20
WEST BABYLON___IC 23714	39.94 2.52 0.00	36.45 2.18 0.00	37.69 2.03 0.00	34.99 1.87 0.00	31.94 1.78 0.00	47.79 2.35 -4.28	64.84 3.27 -4.79	69.60 3.81 -0.98	44.11 2.66 0.00	35.85 2.11 0.00	39.02 2.18 0.00	37.30 2.05 0.00	38.57 2.33 0.00	33.16 2.25 0.00	43.98 2.87 -6.76	58.26 3.33 -17.96	51.30 3.04 -16.42	54.93 3.20 -19.41	43.68 3.39 -4.02	120.15 7.80 -14.64	85.15 4.22 -25.54	65.91 3.86 -12.96	63.39 4.39 -5.71	63.32 3.70 -14.84
WEST CANADA___HYD 24049	37.50 0.08 0.00	34.37 0.10 0.00	35.76 0.09 0.00	33.20 0.08 0.00	30.23 0.06 0.00	41.24 0.08 0.00	56.91 0.13 0.00	64.94 0.13 0.00	41.49 0.04 0.00	33.78 0.03 0.00	36.89 0.06 0.00	35.35 0.10 0.00	36.31 0.07 0.00	30.98 0.07 0.00	34.47 0.12 0.00	37.12 0.15 0.00	31.98 0.13 0.00	32.46 0.15 0.00	36.43 0.17 0.00	98.09 0.39 0.00	55.57 0.17 0.00	49.29 0.20 0.00	53.57 0.27 0.00	45.00 0.23 0.00
WESTERN_NY_WIND 24143	33.60 -1.15 2.67	29.74 -1.24 3.28	34.42 -1.25 0.00	31.86 -1.26 0.00	28.20 -0.59 1.38	40.66 -0.50 0.00	55.55 -1.23 0.00	61.54 -1.06 2.21	41.08 -0.37 0.00	33.03 -0.72 0.00	35.69 -1.15 0.00	33.66 -1.59 0.00	34.47 -1.77 0.00	29.33 -1.58 0.00	32.62 -1.72 0.00	22.94 -2.16 11.88	29.64 -2.28 -0.08	29.89 -2.41 0.00	33.87 -2.40 0.00	92.09 -4.96 0.66	52.86 -2.53 0.00	46.74 -2.36 0.00	51.11 -2.19 0.00	41.57 -2.13 1.08
WESTOVER___LESR 323668	41.69 0.17 -4.10	39.39 0.10 -5.03	35.73 0.07 0.00	33.14 0.02 0.00	32.35 0.08 -2.11	41.38 0.22 0.00	57.27 0.49 0.00	65.97 0.50 -0.66	41.87 0.42 0.00	34.14 0.40 0.00	37.32 0.48 0.00	35.64 0.39 0.00	36.47 0.23 0.00	31.02 0.11 0.00	34.60 0.25 0.00	56.30 0.23 -19.10	32.32 0.27 -0.21	32.58 0.27 0.00	36.61 0.34 0.00	99.82 1.09 -1.02	55.88 0.49 0.00	49.51 0.42 0.00	53.84 0.55 0.00	46.81 0.36 -1.68
WETHRSFD_WT_PWR 323626	31.15 -1.94 4.32	26.95 -2.01 5.30	33.66 -2.01 0.00	31.14 -1.98 0.00	26.59 -1.34 2.22	39.86 -1.30 0.00	54.71 -2.06 0.00	58.82 -2.24 3.75	40.36 -1.08 0.00	32.61 -1.14 0.00	35.46 -1.37 0.00	33.80 -1.45 0.00	34.39 -1.85 0.00	29.16 -1.75 0.00	32.39 -1.96 0.00	15.12 -2.75 19.11	29.57 -2.37 -0.10	29.72 -2.59 0.00	33.70 -2.57 0.00	91.00 -5.65 1.06	52.40 -3.00 0.00	46.32 -2.77 0.00	50.69 -2.61 0.00	40.48 -2.55 1.75
WHAVSTOR_138KV_BK127 55557	38.88 1.46 0.00	35.60 1.34 0.00	36.85 1.18 0.00	34.20 1.08 0.00	31.16 0.99 0.00	42.42 1.26 0.00	58.67 1.89 0.00	67.31 2.49 0.00	43.21 1.76 0.00	35.32 1.57 0.00	38.60 1.76 0.00	36.99 1.74 0.00	38.14 1.90 0.00	32.81 1.90 0.00	36.66 2.32 0.00	42.89 2.72 -3.20	34.89 2.48 -0.56	34.79 2.48 0.00	38.89 2.63 0.00	104.00 6.19 -0.10	58.58 3.18 0.00	51.95 2.86 0.00	56.44 3.15 0.00	47.53 2.58 -0.17
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.88 1.46 0.00	35.60 1.34 0.00	36.85 1.18 0.00	34.20 1.08 0.00	31.16 0.99 0.00	42.42 1.26 0.00	58.67 1.89 0.00	67.31 2.49 0.00	43.21 1.76 0.00	35.32 1.57 0.00	38.60 1.76 0.00	36.99 1.74 0.00	38.14 1.90 0.00	32.81 1.90 0.00	36.66 2.32 0.00	42.89 2.72 -3.20	34.89 2.48 -0.56	34.79 2.48 0.00	38.89 2.63 0.00	104.00 6.19 -0.10	58.58 3.18 0.00	51.95 2.86 0.00	56.44 3.15 0.00	47.53 2.58 -0.17
WHITEHAL_115KV_TB1 80871	39.48 2.06 0.00	36.31 2.05 0.00	37.76 2.09 0.00	35.11 1.99 0.00	31.98 1.82 0.00	43.54 2.38 0.00	60.39 3.62 0.00	69.06 4.25 0.00	43.78 2.33 0.00	35.38 1.63 0.00	38.12 1.28 0.00	36.99 1.74 0.00	37.95 1.71 0.00	32.31 1.40 0.00	35.67 1.33 0.00	40.50 2.01 -1.52	34.48 1.97 -0.67	34.23 1.92 0.00	38.83 2.57 0.00	104.29 6.58 0.00	58.67 3.27 0.00	52.59 3.50 0.00	57.10 3.80 0.00	47.74 2.97 0.00
WHITEPLN_13_KV_LOAD 356215	39.27 1.86 0.00	35.98 1.72 0.00	37.23 1.56 0.00	34.53 1.41 0.00	31.48 1.32 0.00	42.84 1.68 0.00	59.32 2.54 0.00	68.10 3.30 0.00	43.77 2.32 0.00	35.75 2.01 0.00	39.05 2.22 0.00	37.42 2.17 0.00	38.61 2.38 0.00	33.22 2.31 0.00	37.13 2.79 0.00	43.30 3.18 -3.15	35.31 2.90 -0.57	35.22 2.91 0.00	39.36 3.10 0.00	105.12 7.41 0.00	59.22 3.82 0.00	52.54 3.46 0.00	57.07 3.77 0.00	47.85 3.07 0.00
WM_FLOYD_69_KV_BK2 356380	39.74 2.32 0.00	36.26 2.00 0.00	37.53 1.86 0.00	34.86 1.74 0.00	31.84 1.68 0.00	47.28 2.19 -3.93	64.38 3.20 -4.40	69.41 3.70 -0.90	44.02 2.57 0.00	35.67 1.92 0.00	38.81 1.97 0.00	37.04 1.79 0.00	38.27 2.03 0.00	32.92 2.00 0.00	43.21 2.66 -6.21	56.67 2.93 -16.76	49.81 2.84 -15.13	53.10 2.96 -17.83	43.21 3.26 -3.69	118.38 7.22 -13.45	82.76 3.91 -23.46	64.57 3.57 -11.91	62.63 4.09 -5.24	61.87 3.47 -13.63
WOODARD___115KV_TB2 355635	36.42 -0.57 0.43	33.20 -0.53 0.53	35.10 -0.57 0.00	32.58 -0.54 0.00	29.52 -0.42 0.22	40.66 -0.50 0.00	56.12 -0.66 0.00	64.28 -0.54 0.00	41.19 -0.25 0.00	33.59 -0.16 0.00	36.70 -0.13 0.00	34.99 -0.26 0.00	35.86 -0.38 0.00	30.61 -0.30 0.00	34.01 -0.33 0.00	34.26 -0.47 2.24	31.47 -0.43 -0.06	31.78 -0.52 0.00	35.61 -0.66 0.00	96.34 -1.26 0.10	54.52 -0.87 0.00	48.33 -0.76 0.00	52.51 -0.79 0.00	43.93 -0.68 0.17
YORK___WARBASSE 23770	39.28 1.86 0.00	35.97 1.71 0.00	37.14 1.47 0.00	34.49 1.37 0.00	31.43 1.27 0.00	42.69 1.53 0.00	59.10 2.32 0.00	67.96 3.16 0.00	43.78 2.33 0.00	35.83 2.08 0.00	39.14 2.31 0.00	37.44 2.19 0.00	38.65 2.42 0.00	33.30 2.39 0.00	37.15 2.81 0.00	43.37 3.25 -3.14	35.40 2.98 -0.57	35.24 2.94 0.00	39.33 3.06 0.00	104.94 7.24 0.00	59.13 3.74 0.00	52.47 3.38 0.00	57.05 3.76 0.00	47.93 3.15 0.00