

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/01/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	48.67	44.84	40.44	46.31	41.63	47.69	43.75	61.90	58.46	48.31	41.14	37.43	38.36	37.82	38.36	44.01	50.13	62.69	103.56	139.25	58.18	54.99	56.49	53.37
24138	3.08	2.75	2.47	2.75	2.58	3.04	2.78	3.70	3.20	2.95	2.67	2.63	2.75	2.69	2.66	2.81	3.03	3.28	5.34	5.85	2.55	2.81	2.52	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	48.66	44.80	40.43	46.35	41.65	47.73	43.80	61.98	58.56	48.36	41.17	37.45	38.39	37.84	38.38	44.04	50.19	62.80	103.82	139.63	58.35	55.10	56.61	53.50
24260	3.06	2.71	2.46	2.79	2.60	3.08	2.82	3.78	3.29	3.01	2.70	2.66	2.78	2.71	2.69	2.84	3.09	3.40	5.60	6.23	2.72	2.92	2.64	2.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	48.66	44.80	40.43	46.35	41.65	47.73	43.80	61.98	58.56	48.36	41.17	37.45	38.39	37.84	38.38	44.04	50.19	62.80	103.82	139.63	58.35	55.10	56.61	53.50
24261	3.06	2.71	2.46	2.79	2.60	3.08	2.82	3.78	3.29	3.01	2.70	2.66	2.78	2.71	2.69	2.84	3.09	3.40	5.60	6.23	2.72	2.92	2.64	2.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	47.45	43.71	39.40	45.19	40.47	46.28	42.80	60.73	57.46	46.70	39.38	35.72	36.41	35.93	36.57	42.27	48.44	62.08	101.79	138.33	57.44	53.58	55.32	52.38
24011	1.86	1.62	1.43	1.63	1.42	1.63	1.82	2.53	2.19	1.35	0.91	0.93	0.79	0.80	0.88	1.06	1.35	2.67	3.57	4.93	1.81	1.40	1.34	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	47.62	43.84	39.49	45.30	40.56	46.35	42.99	61.00	57.80	46.86	39.49	35.88	36.55	36.04	36.72	42.42	48.50	62.42	102.57	139.51	57.75	53.77	55.50	52.57
23798	2.03	1.75	1.53	1.74	1.51	1.70	2.02	2.79	2.54	1.50	1.02	1.08	0.93	0.91	1.02	1.22	1.40	3.01	4.36	6.11	2.12	1.59	1.53	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	47.45	43.71	39.40	45.19	40.47	46.28	42.80	60.73	57.46	46.70	39.38	35.72	36.41	35.93	36.57	42.27	48.44	62.08	101.79	138.33	57.44	53.58	55.32	52.38
24028	1.86	1.62	1.43	1.63	1.42	1.63	1.82	2.53	2.19	1.35	0.91	0.93	0.79	0.80	0.88	1.06	1.35	2.67	3.57	4.93	1.81	1.40	1.34	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	47.43	43.65	39.37	45.12	40.35	46.09	42.51	60.32	56.77	46.09	38.66	34.98	35.66	35.18	35.86	41.30	47.16	60.00	98.29	133.86	55.77	52.08	53.66	50.76
23527	1.84	1.56	1.40	1.56	1.30	1.44	1.53	2.11	1.50	0.74	0.20	0.19	0.04	0.05	0.16	0.10	0.06	0.60	0.07	0.47	0.14	-0.11	-0.31	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	46.71	43.08	38.85	44.56	39.93	45.64	41.97	59.54	56.24	45.98	38.96	35.33	36.11	35.60	36.20	41.64	47.57	60.14	99.01	134.37	56.04	52.55	54.19	51.25
24190	1.12	0.99	0.88	0.99	0.88	0.98	0.99	1.33	0.97	0.63	0.49	0.53	0.49	0.47	0.50	0.43	0.48	0.73	0.80	0.97	0.40	0.37	0.22	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	45.70	42.22	38.07	43.69	39.17	44.92	41.24	58.67	56.07	46.11	39.18	35.39	36.22	35.76	36.32	41.97	48.02	60.57	100.32	136.42	56.93	53.33	55.21	52.45
355683	0.11	0.13	0.10	0.12	0.13	0.27	0.26	0.46	0.80	0.76	0.71	0.60	0.61	0.63	0.62	0.76	0.92	1.17	2.10	3.03	1.30	1.14	1.24	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	47.29	43.62	39.33	45.12	40.44	46.25	42.52	60.35	56.95	46.32	39.35	35.64	36.33	35.79	36.47	41.91	48.13	60.99	100.54	136.43	56.90	53.35	55.03	52.07
323833	1.70	1.53	1.37	1.56	1.40	1.60	1.54	2.14	1.69	0.97	0.88	0.84	0.71	0.66	0.77	0.70	1.03	1.58	2.33	3.04	1.27	1.17	1.06	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	47.29	43.60	39.33	45.11	40.42	46.24	42.50	60.34	56.94	46.31	39.34	35.63	36.33	35.78	36.45	41.90	48.12	60.98	100.53	136.37	56.88	53.34	55.01	52.06
323834	1.69	1.52	1.37	1.55	1.38	1.59	1.53	2.13	1.67	0.96	0.87	0.84	0.71	0.65	0.75	0.69	1.02	1.57	2.32	2.97	1.25	1.15	1.04	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.71	43.08	38.85	44.56	39.93	45.64	41.97	59.54	56.24	45.98	38.96	35.33	36.11	35.60	36.20	41.64	47.57	60.14	99.01	134.37	56.04	52.55	54.19	51.25
23571	1.12	0.99	0.88	0.99	0.88	0.98	0.99	1.33	0.97	0.63	0.49	0.53	0.49	0.47	0.50	0.43	0.48	0.73	0.80	0.97	0.40	0.37	0.22	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	46.71 1.12 0.00	43.08 0.99 0.00	38.85 0.88 0.00	44.56 0.99 0.00	39.93 0.88 0.00	45.64 0.98 0.00	41.97 0.99 0.00	59.54 1.33 0.00	56.24 0.97 0.00	45.98 0.63 0.00	38.96 0.49 0.00	35.33 0.53 0.00	36.11 0.49 0.00	35.60 0.47 0.00	36.20 0.50 0.00	41.64 0.43 0.00	47.57 0.48 0.00	60.14 0.73 0.00	99.01 0.80 0.00	134.37 0.97 0.00	56.04 0.40 0.00	52.55 0.37 0.00	54.19 0.22 0.00	51.25 0.09 0.00
ALBANY___3 23573	46.71 1.12 0.00	43.08 0.99 0.00	38.85 0.88 0.00	44.56 0.99 0.00	39.93 0.88 0.00	45.64 0.98 0.00	41.97 0.99 0.00	59.54 1.33 0.00	56.24 0.97 0.00	45.98 0.63 0.00	38.96 0.49 0.00	35.33 0.53 0.00	36.11 0.49 0.00	35.60 0.47 0.00	36.20 0.50 0.00	41.64 0.43 0.00	47.57 0.48 0.00	60.14 0.73 0.00	99.01 0.80 0.00	134.37 0.97 0.00	56.04 0.40 0.00	52.55 0.37 0.00	54.19 0.22 0.00	51.25 0.09 0.00
ALBANY___4 23574	46.71 1.12 0.00	43.08 0.99 0.00	38.85 0.88 0.00	44.56 0.99 0.00	39.93 0.88 0.00	45.64 0.98 0.00	41.97 0.99 0.00	59.54 1.33 0.00	56.24 0.97 0.00	45.98 0.63 0.00	38.96 0.49 0.00	35.33 0.53 0.00	36.11 0.49 0.00	35.60 0.47 0.00	36.20 0.50 0.00	41.64 0.43 0.00	47.57 0.48 0.00	60.14 0.73 0.00	99.01 0.80 0.00	134.37 0.97 0.00	56.04 0.40 0.00	52.55 0.37 0.00	54.19 0.22 0.00	51.25 0.09 0.00
ALBANY___LFGE 323615	47.08 1.49 0.00	43.40 1.32 0.00	39.15 1.18 0.00	44.89 1.33 0.00	40.22 1.17 0.00	45.98 1.33 0.00	42.29 1.31 0.00	60.02 1.81 0.00	56.66 1.39 0.00	46.31 0.96 0.00	39.22 0.75 0.00	35.57 0.78 0.00	36.35 0.73 0.00	35.82 0.69 0.00	36.46 0.76 0.00	41.93 0.73 0.00	47.94 0.84 0.00	60.62 1.22 0.00	99.81 1.60 0.00	135.44 2.05 0.00	56.48 0.84 0.00	52.95 0.76 0.00	54.57 0.59 0.00	51.61 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	46.04 0.45 0.00	42.52 0.44 0.00	38.34 0.38 0.00	44.00 0.44 0.00	39.46 0.42 0.00	45.27 0.62 0.00	41.57 0.60 0.00	59.17 0.96 0.00	56.56 1.29 0.00	46.51 1.16 0.00	39.50 1.04 0.00	35.66 0.87 0.00	36.50 0.88 0.00	36.02 0.89 0.00	36.58 0.88 0.00	42.27 1.07 0.00	48.40 1.30 0.00	61.11 1.70 0.00	101.29 3.07 0.00	137.78 4.39 0.00	57.55 1.92 0.00	53.82 1.64 0.00	55.72 1.74 0.00	52.93 1.77 0.00
ALCOA_RYNLDS___DRP 24188	46.04 0.45 0.00	42.52 0.44 0.00	38.34 0.38 0.00	44.00 0.44 0.00	39.46 0.42 0.00	45.27 0.62 0.00	41.57 0.60 0.00	59.17 0.96 0.00	56.56 1.29 0.00	46.51 1.16 0.00	39.50 1.04 0.00	35.66 0.87 0.00	36.50 0.88 0.00	36.02 0.89 0.00	36.58 0.88 0.00	42.27 1.07 0.00	48.40 1.30 0.00	61.11 1.70 0.00	101.29 3.07 0.00	137.78 4.39 0.00	57.55 1.92 0.00	53.82 1.64 0.00	55.72 1.74 0.00	52.93 1.77 0.00
ALCOA___DSASP 323711	46.04 0.45 0.00	42.52 0.44 0.00	38.34 0.38 0.00	44.00 0.44 0.00	39.46 0.42 0.00	45.27 0.62 0.00	41.57 0.60 0.00	59.17 0.96 0.00	56.56 1.29 0.00	46.51 1.16 0.00	39.50 1.04 0.00	35.66 0.87 0.00	36.50 0.88 0.00	36.02 0.89 0.00	36.58 0.88 0.00	42.27 1.07 0.00	48.40 1.30 0.00	61.11 1.70 0.00	101.29 3.07 0.00	137.78 4.39 0.00	57.55 1.92 0.00	53.82 1.64 0.00	55.72 1.74 0.00	52.93 1.77 0.00
ALLEGHENY___COGEN 23514	45.50 -0.09 0.00	42.07 -0.02 0.00	37.96 -0.01 0.00	43.66 0.09 0.00	39.37 0.33 0.00	45.39 0.74 0.00	41.20 0.22 0.00	58.40 0.19 0.00	55.72 0.45 0.00	45.51 0.16 0.00	38.05 -0.42 0.00	33.65 -1.14 0.00	34.77 -0.84 0.00	34.15 -0.98 0.00	34.69 -1.01 0.00	40.18 -1.02 0.00	46.16 -0.93 0.00	58.82 -0.59 0.00	99.83 1.62 0.00	136.88 3.49 0.00	56.60 0.96 0.00	53.25 1.06 0.00	55.94 1.96 0.00	53.20 2.04 0.00
ALTAMONT_115KV_TB 2 55880	46.73 1.14 0.00	43.12 1.03 0.00	38.89 0.92 0.00	44.60 1.04 0.00	39.97 0.93 0.00	45.71 1.07 0.00	42.00 1.02 0.00	59.60 1.39 0.00	56.35 1.08 0.00	46.13 0.78 0.00	39.07 0.60 0.00	35.44 0.65 0.00	36.24 0.63 0.00	35.70 0.57 0.00	36.30 0.60 0.00	41.79 0.59 0.00	47.76 0.66 0.00	60.31 0.90 0.00	99.37 1.16 0.00	134.77 1.38 0.00	56.25 0.62 0.00	52.80 0.62 0.00	54.46 0.48 0.00	51.52 0.35 0.00
ALTONA_WT_PWR 323606	44.58 -1.01 0.00	41.15 -0.94 0.00	37.05 -0.92 0.00	42.52 -1.04 0.00	38.18 -0.86 0.00	43.71 -0.94 0.00	40.32 -0.66 0.00	57.47 -0.73 0.00	54.86 -0.41 0.00	45.20 -0.15 0.00	38.44 -0.03 0.00	34.80 0.00 0.00	35.64 0.03 0.00	35.20 0.07 0.00	35.80 0.09 0.00	41.35 0.14 0.00	47.54 0.45 0.00	60.24 0.83 0.00	99.45 1.24 0.00	135.99 2.59 0.00	56.94 1.31 0.00	53.22 1.04 0.00	55.10 1.12 0.00	52.50 1.34 0.00
AMERICAN_REF_FUEL 24010	42.76 -2.83 0.00	39.65 -2.43 0.00	35.86 -2.11 0.00	41.16 -2.40 0.00	37.08 -1.97 0.00	42.70 -1.95 0.00	37.94 -3.04 0.00	53.31 -4.89 0.00	51.16 -4.10 0.00	42.53 -2.82 0.00	36.45 -2.01 0.00	32.47 -2.33 0.00	33.17 -2.44 0.00	32.70 -2.44 0.00	33.17 -2.53 0.00	38.32 -2.88 0.00	43.25 -3.85 0.00	53.93 -5.47 0.00	90.55 -7.67 0.00	124.15 -9.24 0.00	51.46 -4.17 0.00	48.60 -3.58 0.00	51.59 -2.39 0.00	49.61 -1.55 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.30 -2.30 0.00	39.99 -2.10 0.00	36.17 -1.80 0.00	41.83 -1.73 0.00	37.70 -1.35 0.00	43.57 -1.08 0.00	39.27 -1.71 0.00	55.94 -2.27 0.00	53.49 -1.78 0.00	44.32 -1.03 0.00	37.70 -0.76 0.00	33.48 -1.32 0.00	34.29 -1.32 0.00	33.51 -1.62 0.00	33.84 -1.86 0.00	39.13 -2.07 0.00	44.82 -2.27 0.00	56.60 -2.80 0.00	95.52 -2.70 0.00	130.14 -3.25 0.00	53.70 -1.93 0.00	50.42 -1.76 0.00	53.63 -0.34 0.00	51.40 0.24 0.00
ARTHUR KILL_GT_1 23520	48.89 3.30 0.00	45.17 3.08 0.00	40.76 2.80 0.00	46.70 3.14 0.00	41.99 2.95 0.00	48.23 3.58 0.00	44.15 3.17 0.00	62.28 4.07 0.00	58.82 3.56 0.00	48.58 3.23 0.00	41.28 2.81 0.00	37.51 2.72 0.00	38.48 2.87 0.00	37.96 2.82 0.00	38.49 2.79 0.00	44.22 3.01 0.00	50.37 3.27 0.00	62.90 3.49 0.00	104.13 5.92 0.00	139.32 5.93 0.00	58.22 2.59 0.00	55.19 3.01 0.00	56.59 2.61 0.00	53.56 2.40 0.00
ARTHUR_KILL_2 23512	48.76 3.17 0.00	45.04 2.96 0.00	40.65 2.68 0.00	46.57 3.01 0.00	41.88 2.83 0.00	48.10 3.45 0.00	44.03 3.05 0.00	62.10 3.89 0.00	58.65 3.38 0.00	48.44 3.09 0.00	41.17 2.70 0.00	37.43 2.63 0.00	38.40 2.78 0.00	37.85 2.72 0.00	38.39 2.69 0.00	44.10 2.89 0.00	50.23 3.14 0.00	62.72 3.32 0.00	103.83 5.62 0.00	138.91 5.52 0.00	58.06 2.43 0.00	55.04 2.85 0.00	56.43 2.46 0.00	53.42 2.26 0.00
ARTHUR_KILL_3 23513	48.25 2.66 0.00	44.45 2.36 0.00	40.11 2.14 0.00	45.94 2.37 0.00	41.29 2.25 0.00	47.29 2.65 0.00	43.42 2.44 0.00	61.49 3.29 0.00	58.06 2.79 0.00	47.90 2.55 0.00	40.77 2.30 0.00	37.10 2.30 0.00	38.03 2.42 0.00	37.49 2.36 0.00	38.02 2.33 0.00	43.65 2.45 0.00	49.72 2.63 0.00	62.23 2.83 0.00	102.87 4.65 0.00	138.39 5.00 0.00	57.84 2.21 0.00	54.61 2.42 0.00	56.08 2.11 0.00	52.99 1.83 0.00

ARTHUR_KILL_COGEN 323718	48.90 3.30 0.00	45.17 3.08 0.00	40.76 2.80 0.00	46.70 3.14 0.00	41.99 2.94 0.00	48.24 3.59 0.00	44.15 3.17 0.00	62.27 4.07 0.00	58.82 3.55 0.00	48.58 3.22 0.00	41.28 2.81 0.00	37.52 2.72 0.00	38.48 2.86 0.00	37.95 2.82 0.00	38.50 2.80 0.00	44.22 3.01 0.00	50.37 3.27 0.00	62.90 3.50 0.00	104.13 5.92 0.00	139.31 5.92 0.00	58.22 2.59 0.00	55.19 3.01 0.00	56.59 2.62 0.00	53.56 2.40 0.00
ASHOKAN____ 23654	47.51 1.92 0.00	43.78 1.70 0.00	39.45 1.49 0.00	45.21 1.65 0.00	40.60 1.56 0.00	46.44 1.79 0.00	42.74 1.76 0.00	60.73 2.52 0.00	57.53 2.27 0.00	47.03 1.68 0.00	39.84 1.37 0.00	36.05 1.25 0.00	36.93 1.31 0.00	36.42 1.29 0.00	37.02 1.32 0.00	42.58 1.37 0.00	48.72 1.63 0.00	61.93 2.53 0.00	102.53 4.31 0.00	138.74 5.35 0.00	57.87 2.24 0.00	54.25 2.06 0.00	55.81 1.84 0.00	52.72 1.57 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.07 2.48 0.00	43.94 1.87 0.01	39.65 1.69 0.01	45.40 1.84 0.01	40.79 1.76 0.01	47.16 2.52 0.00	43.36 2.38 0.00	61.46 3.25 0.00	58.11 2.85 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.33 0.00	38.10 2.49 0.00	37.52 2.39 0.00	38.03 2.33 0.00	43.67 2.47 0.00	49.72 2.63 0.00	62.18 2.77 0.00	102.84 4.63 0.00	138.25 4.86 0.00	57.86 2.23 0.00	54.62 2.44 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_EAST_ENERGY_CC2 323582	48.06 2.47 0.00	43.92 1.84 0.01	39.62 1.66 0.01	45.38 1.83 0.01	40.78 1.75 0.01	47.14 2.49 0.00	43.34 2.37 0.00	61.41 3.21 0.00	58.09 2.83 0.00	47.97 2.61 0.00	40.82 2.35 0.00	37.12 2.33 0.00	38.10 2.48 0.00	37.51 2.38 0.00	38.01 2.32 0.00	43.65 2.45 0.00	49.69 2.60 0.00	62.14 2.73 0.00	102.77 4.55 0.00	138.23 4.84 0.00	57.83 2.20 0.00	54.60 2.41 0.00	56.02 2.05 0.00	52.96 1.81 0.00
ASTORIA_GT2_1 24094	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_GT2_2 24095	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_GT2_3 24096	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_GT2_4 24097	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_GT3_1 24098	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_GT3_2 24099	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_GT3_3 24100	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_GT3_4 24101	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_GT4_1 24102	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_GT4_2 24103	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_GT4_3 24104	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00

ASTORIA_GT4_4 24105	48.07 2.48 0.00	43.95 1.86 0.00	39.66 1.69 0.00	45.40 1.84 0.00	40.81 1.76 0.00	47.17 2.52 0.00	43.36 2.38 0.00	61.46 3.26 0.00	58.11 2.84 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.32 0.00	38.09 2.48 0.00	37.52 2.39 0.00	38.02 2.33 0.00	43.67 2.47 0.00	49.73 2.63 0.00	62.17 2.76 0.00	102.84 4.63 0.00	138.27 4.87 0.00	57.86 2.22 0.00	54.62 2.43 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA_GT_1 23523	48.15 2.56 0.00	44.02 1.93 0.00	39.72 1.75 0.00	45.47 1.91 0.00	40.87 1.82 0.00	47.24 2.58 0.00	43.43 2.45 0.00	61.57 3.36 0.00	58.20 2.93 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.18 2.39 0.00	38.16 2.54 0.00	37.59 2.46 0.00	38.10 2.40 0.00	43.75 2.54 0.00	49.82 2.72 0.00	62.28 2.88 0.00	103.05 4.83 0.00	138.53 5.14 0.00	57.96 2.33 0.00	54.72 2.53 0.00	56.15 2.17 0.00	53.08 1.93 0.00
ASTORIA_GT_10 24110	48.21 2.62 0.00	44.34 2.25 0.00	40.00 2.03 0.00	45.81 2.25 0.00	41.18 2.13 0.00	47.35 2.70 0.00	43.45 2.48 0.00	61.43 3.22 0.00	58.01 2.75 0.00	47.96 2.61 0.00	40.84 2.38 0.00	37.18 2.38 0.00	38.10 2.49 0.00	37.55 2.42 0.00	38.09 2.39 0.00	43.71 2.50 0.00	49.78 2.68 0.00	62.17 2.77 0.00	102.70 4.48 0.00	138.15 4.75 0.00	57.79 2.16 0.00	54.62 2.43 0.00	56.08 2.11 0.00	53.01 1.85 0.00
ASTORIA_GT_11 24225	48.21 2.62 0.00	44.34 2.25 0.00	40.00 2.03 0.00	45.81 2.25 0.00	41.18 2.13 0.00	47.35 2.70 0.00	43.45 2.48 0.00	61.43 3.22 0.00	58.01 2.75 0.00	47.96 2.61 0.00	40.84 2.38 0.00	37.18 2.38 0.00	38.10 2.49 0.00	37.55 2.42 0.00	38.09 2.39 0.00	43.71 2.50 0.00	49.78 2.68 0.00	62.17 2.77 0.00	102.70 4.48 0.00	138.15 4.75 0.00	57.79 2.16 0.00	54.62 2.43 0.00	56.08 2.11 0.00	53.01 1.85 0.00
ASTORIA_GT_12 24226	48.21 2.62 0.00	44.34 2.25 0.00	40.00 2.03 0.00	45.81 2.25 0.00	41.18 2.13 0.00	47.35 2.70 0.00	43.45 2.48 0.00	61.43 3.22 0.00	58.01 2.75 0.00	47.96 2.61 0.00	40.84 2.38 0.00	37.18 2.38 0.00	38.10 2.49 0.00	37.55 2.42 0.00	38.09 2.39 0.00	43.71 2.50 0.00	49.78 2.68 0.00	62.17 2.77 0.00	102.70 4.48 0.00	138.15 4.75 0.00	57.79 2.16 0.00	54.62 2.43 0.00	56.08 2.11 0.00	53.01 1.85 0.00
ASTORIA_GT_13 24227	48.21 2.62 0.00	44.34 2.25 0.00	40.00 2.03 0.00	45.81 2.25 0.00	41.18 2.13 0.00	47.35 2.70 0.00	43.45 2.48 0.00	61.43 3.22 0.00	58.01 2.75 0.00	47.96 2.61 0.00	40.84 2.38 0.00	37.18 2.38 0.00	38.10 2.49 0.00	37.55 2.42 0.00	38.09 2.39 0.00	43.71 2.50 0.00	49.78 2.68 0.00	62.17 2.77 0.00	102.70 4.48 0.00	138.15 4.75 0.00	57.79 2.16 0.00	54.62 2.43 0.00	56.08 2.11 0.00	53.01 1.85 0.00
ASTORIA_GT_5 24106	48.15 2.56 0.00	44.02 1.93 0.00	39.72 1.75 0.00	45.47 1.91 0.00	40.87 1.82 0.00	47.24 2.58 0.00	43.43 2.45 0.00	61.57 3.36 0.00	58.20 2.93 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.18 2.39 0.00	38.16 2.54 0.00	37.59 2.46 0.00	38.10 2.40 0.00	43.75 2.54 0.00	49.82 2.72 0.00	62.28 2.88 0.00	103.05 4.83 0.00	138.53 5.14 0.00	57.96 2.33 0.00	54.72 2.53 0.00	56.15 2.17 0.00	53.08 1.93 0.00
ASTORIA_GT_7 24107	48.15 2.56 0.00	44.02 1.93 0.00	39.72 1.75 0.00	45.47 1.91 0.00	40.87 1.82 0.00	47.24 2.58 0.00	43.43 2.45 0.00	61.57 3.36 0.00	58.20 2.93 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.18 2.39 0.00	38.16 2.54 0.00	37.59 2.46 0.00	38.10 2.40 0.00	43.75 2.54 0.00	49.82 2.72 0.00	62.28 2.88 0.00	103.05 4.83 0.00	138.53 5.14 0.00	57.96 2.33 0.00	54.72 2.53 0.00	56.15 2.17 0.00	53.08 1.93 0.00
ASTORIA_GT_8 24108	48.15 2.56 0.00	44.02 1.93 0.00	39.72 1.75 0.00	45.47 1.91 0.00	40.87 1.82 0.00	47.24 2.58 0.00	43.43 2.45 0.00	61.57 3.36 0.00	58.20 2.93 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.18 2.39 0.00	38.16 2.54 0.00	37.59 2.46 0.00	38.10 2.40 0.00	43.75 2.54 0.00	49.82 2.72 0.00	62.28 2.88 0.00	103.05 4.83 0.00	138.53 5.14 0.00	57.96 2.33 0.00	54.72 2.53 0.00	56.15 2.17 0.00	53.08 1.93 0.00
ASTORIA___2 24149	48.07 2.48 0.00	43.94 1.87 0.01	39.65 1.69 0.01	45.40 1.84 0.01	40.79 1.76 0.01	47.16 2.52 0.00	43.36 2.38 0.00	61.46 3.25 0.00	58.11 2.85 0.00	48.00 2.65 0.00	40.84 2.37 0.00	37.12 2.33 0.00	38.10 2.49 0.00	37.52 2.39 0.00	38.03 2.33 0.00	43.67 2.47 0.00	49.72 2.63 0.00	62.18 2.77 0.00	102.84 4.63 0.00	138.25 4.86 0.00	57.86 2.23 0.00	54.62 2.44 0.00	56.04 2.07 0.00	52.99 1.83 0.00
ASTORIA___3 23516	48.21 2.61 0.00	44.34 2.25 0.00	40.00 2.03 0.00	45.81 2.25 0.00	41.17 2.13 0.00	47.35 2.69 0.00	43.46 2.48 0.00	61.43 3.22 0.00	58.02 2.75 0.00	47.96 2.60 0.00	40.84 2.38 0.00	37.17 2.38 0.00	38.10 2.49 0.00	37.55 2.42 0.00	38.09 2.39 0.00	43.71 2.50 0.00	49.77 2.68 0.00	62.18 2.77 0.00	102.72 4.50 0.00	138.15 4.75 0.00	57.79 2.16 0.00	54.62 2.43 0.00	56.08 2.10 0.00	53.00 1.85 0.00
ASTORIA___4 23517	48.21 2.62 0.00	44.34 2.25 0.00	40.00 2.03 0.00	45.81 2.25 0.00	41.18 2.13 0.00	47.35 2.70 0.00	43.45 2.48 0.00	61.43 3.22 0.00	58.01 2.75 0.00	47.96 2.61 0.00	40.84 2.38 0.00	37.18 2.38 0.00	38.10 2.49 0.00	37.55 2.42 0.00	38.09 2.39 0.00	43.71 2.50 0.00	49.78 2.68 0.00	62.17 2.77 0.00	102.70 4.48 0.00	138.15 4.75 0.00	57.79 2.16 0.00	54.62 2.43 0.00	56.08 2.11 0.00	53.01 1.85 0.00
ASTORIA___5 23518	48.20 2.61 0.00	44.34 2.25 0.00	40.00 2.03 0.00	45.81 2.25 0.00	41.17 2.13 0.00	47.35 2.69 0.00	43.46 2.48 0.00	61.43 3.22 0.00	58.02 2.75 0.00	47.96 2.60 0.00	40.84 2.38 0.00	37.17 2.38 0.00	38.10 2.49 0.00	37.55 2.42 0.00	38.09 2.39 0.00	43.71 2.50 0.00	49.77 2.68 0.00	62.18 2.77 0.00	102.69 4.48 0.00	138.14 4.74 0.00	57.79 2.16 0.00	54.62 2.43 0.00	56.08 2.10 0.00	53.00 1.85 0.00
AST_ENERGY_2_CC3 323677	48.44 2.85 0.00	44.63 2.55 0.00	40.27 2.30 0.00	46.13 2.57 0.00	41.45 2.41 0.00	47.50 2.85 0.00	43.58 2.61 0.00	61.66 3.46 0.00	58.25 2.98 0.00	48.09 2.74 0.00	40.94 2.47 0.00	37.24 2.44 0.00	38.17 2.56 0.00	37.62 2.49 0.00	38.17 2.47 0.00	43.80 2.59 0.00	49.90 2.80 0.00	62.44 3.04 0.00	103.17 4.96 0.00	138.81 5.42 0.00	58.01 2.38 0.00	54.80 2.61 0.00	56.30 2.32 0.00	53.21 2.05 0.00
AST_ENERGY_2_CC4 323678	48.44 2.85 0.00	44.63 2.55 0.00	40.27 2.30 0.00	46.13 2.57 0.00	41.45 2.41 0.00	47.50 2.85 0.00	43.58 2.61 0.00	61.66 3.46 0.00	58.25 2.98 0.00	48.09 2.74 0.00	40.94 2.47 0.00	37.24 2.44 0.00	38.17 2.56 0.00	37.62 2.49 0.00	38.17 2.47 0.00	43.80 2.59 0.00	49.90 2.80 0.00	62.44 3.04 0.00	103.17 4.96 0.00	138.81 5.42 0.00	58.01 2.38 0.00	54.80 2.61 0.00	56.30 2.32 0.00	53.21 2.05 0.00

ATHENS_STG_1 23668	47.10	43.47	39.22	44.96	40.34	46.14	42.37	60.12	56.82	46.65	39.56	35.90	36.75	36.23	36.81	42.36	48.35	60.90	100.37	135.86	56.73	53.36	55.00	52.02
	1.51	1.39	1.25	1.40	1.29	1.49	1.40	1.91	1.56	1.30	1.10	1.10	1.13	1.10	1.11	1.15	1.25	1.49	2.15	2.46	1.10	1.17	1.03	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	47.10	43.47	39.22	44.96	40.34	46.14	42.37	60.12	56.82	46.65	39.56	35.90	36.75	36.23	36.81	42.36	48.35	60.90	100.37	135.86	56.73	53.36	55.00	52.02
	1.51	1.39	1.25	1.40	1.29	1.49	1.40	1.91	1.56	1.30	1.10	1.10	1.13	1.10	1.11	1.15	1.25	1.49	2.15	2.46	1.10	1.17	1.03	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	47.10	43.47	39.22	44.96	40.34	46.14	42.37	60.12	56.82	46.65	39.56	35.90	36.75	36.23	36.81	42.36	48.35	60.90	100.37	135.86	56.73	53.36	55.00	52.02
	1.51	1.39	1.25	1.40	1.29	1.49	1.40	1.91	1.56	1.30	1.10	1.10	1.13	1.10	1.11	1.15	1.25	1.49	2.15	2.46	1.10	1.17	1.03	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN____LFGE 323710	45.40	41.89	37.80	43.49	38.93	44.51	40.90	58.05	55.12	45.11	38.34	34.57	35.43	34.92	35.53	41.07	46.78	58.95	98.17	133.51	55.55	51.91	53.80	51.03
	-0.20	-0.19	-0.17	-0.07	-0.12	-0.15	-0.08	-0.15	-0.14	-0.24	-0.12	-0.22	-0.19	-0.21	-0.16	-0.14	-0.32	-0.46	-0.04	0.11	-0.08	-0.28	-0.18	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	42.50	44.30	40.07	45.73	41.19	47.29	42.17	29.00	25.62	46.63	46.18	53.15	38.42	88.42	42.95	43.07	48.15	38.51	73.92	128.70	35.97	35.21	54.29	39.01
	2.31	2.22	2.10	2.17	2.15	2.64	1.58	2.07	2.04	2.41	2.63	2.70	2.56	2.60	2.42	1.93	2.23	2.94	3.57	3.09	1.63	1.94	1.68	1.36
	5.40	0.00	0.00	0.00	0.00	0.00	0.38	31.28	31.68	1.13	-5.09	-15.65	-0.25	-50.69	-4.82	0.06	1.18	23.83	27.86	7.79	21.29	18.92	1.37	13.51
BALL_HILL_WT_PWR 323825	43.42	40.15	36.28	41.80	37.70	43.47	39.11	55.40	52.92	43.82	37.35	33.30	34.10	33.48	33.90	39.24	44.62	55.96	94.16	128.78	53.18	50.08	53.08	50.82
	-2.17	-1.94	-1.69	-1.76	-1.35	-1.18	-1.87	-2.80	-2.35	-1.54	-1.11	-1.49	-1.51	-1.66	-1.80	-1.97	-2.48	-3.44	-4.06	-4.61	-2.45	-2.10	-0.90	-0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS____WT_PWR 323822	42.84	39.60	35.84	41.32	37.35	43.03	39.08	55.26	52.36	42.85	36.03	32.15	33.07	32.56	33.12	38.63	44.40	55.83	94.15	129.10	53.23	50.27	52.94	50.34
	-2.75	-2.49	-2.13	-2.24	-1.69	-1.62	-1.90	-2.94	-2.91	-2.51	-2.44	-2.64	-2.54	-2.57	-2.57	-2.58	-2.69	-3.58	-4.07	-4.29	-2.41	-1.92	-1.04	-0.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	62.69	44.33	40.05	45.77	41.21	47.25	42.89	20.04	23.86	47.77	46.39	53.99	38.48	90.99	43.17	43.31	50.61	126.52	125.33	126.15	34.03	55.63	55.57	53.55
	2.37	2.23	2.09	2.21	2.16	2.60	1.43	1.81	1.75	2.42	2.66	2.68	2.61	2.68	2.48	1.94	2.13	2.90	2.90	2.26	1.20	1.70	1.49	1.30
	-14.73	0.00	0.00	0.00	0.00	0.00	-0.49	39.98	33.15	0.00	-5.27	-16.52	-0.26	-53.17	-4.99	-0.16	-1.39	-64.21	-24.21	9.51	22.80	-1.75	-0.11	-1.09
BARRETT_IC_10 23701	62.69	44.33	40.05	45.77	41.21	47.25	42.89	20.04	23.86	47.77	46.39	53.99	38.48	90.99	43.17	43.31	50.61	126.52	124.15	126.15	34.03	55.63	55.57	53.55
	2.37	2.23	2.09	2.21	2.16	2.60	1.43	1.81	1.75	2.42	2.66	2.68	2.61	2.68	2.48	1.94	2.13	2.90	2.90	2.26	1.20	1.70	1.49	1.30
	-14.73	0.00	0.00	0.00	0.00	0.00	-0.49	39.98	33.15	0.00	-5.27	-16.52	-0.26	-53.17	-4.99	-0.16	-1.39	-64.21	-23.03	9.51	22.80	-1.75	-0.11	-1.09
BARRETT_IC_11 23702	62.69	44.33	40.05	45.77	41.21	47.25	42.89	20.04	23.86	47.77	46.39	53.99	38.48	90.99	43.17	43.31	50.61	126.52	124.15	126.15	34.03	55.63	55.57	53.55
	2.37	2.23	2.09	2.21	2.16	2.60	1.43	1.81	1.75	2.42	2.66	2.68	2.61	2.68	2.48	1.94	2.13	2.90	2.90	2.26	1.20	1.70	1.49	1.30
	-14.73	0.00	0.00	0.00	0.00	0.00	-0.49	39.98	33.15	0.00	-5.27	-16.52	-0.26	-53.17	-4.99	-0.16	-1.39	-64.21	-23.03	9.51	22.80	-1.75	-0.11	-1.09
BARRETT_IC_12 23703	62.69	44.33	40.05	45.77	41.21	47.25	42.89	20.04	23.86	47.77	46.39	53.99	38.48	90.99	43.17	43.31	50.61	126.52	124.15	126.15	34.03	55.63	55.57	53.55
	2.37	2.23	2.09	2.21	2.16	2.60	1.43	1.81	1.75	2.42	2.66	2.68	2.61	2.68	2.48	1.94	2.13	2.90	2.90	2.26	1.20	1.70	1.49	1.30
	-14.73	0.00	0.00	0.00	0.00	0.00	-0.49	39.98	33.15	0.00	-5.27	-16.52	-0.26	-53.17	-4.99	-0.16	-1.39	-64.21	-23.03	9.51	22.80	-1.75	-0.11	-1.09
BARRETT_IC_2 23705	62.69	44.33	40.05	45.77	41.21	47.25	42.89	20.04	23.86	47.77	46.39	53.99	38.48	90.99	43.17	43.31	50.61	126.52	125.33	126.15	34.03	55.63	55.57	53.55
	2.37	2.23	2.09	2.21	2.16	2.60	1.43	1.81	1.75	2.42	2.66	2.68	2.61	2.68	2.48	1.94	2.13	2.90	2.90	2.26	1.20	1.70	1.49	1.30
	-14.73	0.00	0.00	0.00	0.00	0.00	-0.49	39.98	33.15	0.00	-5.27	-16.52	-0.26	-53.17	-4.99	-0.16	-1.39	-64.21	-24.21	9.51	22.80	-1.75	-0.11	-1.09
BARRETT_IC_3 23706	62.69	44.33	40.05	45.77	41.21	47.25	42.89	20.04	23.86	47.77	46.39	53.99	38.48	90.99	43.17	43.31	50.61	126.52	125.33	126.15	34.03	55.63	55.57	53.55
	2.37	2.23	2.09	2.21	2.16	2.60	1.43	1.81	1.75	2.42	2.66	2.68	2.61	2.68	2.48	1.94	2.13	2.90	2.90	2.26	1.20	1.70	1.49	1.30
	-14.73	0.00	0.00	0.00	0.00	0.00	-0.49	39.98	33.15	0.00	-5.27	-16.52	-0.26	-53.17	-4.99	-0.16	-1.39	-64.21	-24.21	9.51	22.80	-1.75	-0.11	-1.09
BARRETT_IC_4 23707	62.69	44.33	40.05	45.77	41.21	47.25	42.89	20.04	23.86	47.77	46.39	53.99	38.48	90.99	43.17	43.31	50.61	126.52	125.33	126.15	34.03	55.63	55.57	53.55
	2.37	2.23	2.09	2.21	2.16	2.60	1.43	1.81	1.75	2.42	2.66	2.68	2.61	2.68	2.48	1.94	2.13	2.90	2.90	2.26	1.20	1.70	1.49	1.30
	-14.73	0.00	0.00	0.00	0.00	0.00	-0.49	39.98	33.15	0.00	-5.27	-16.52	-0.26	-53.17	-4.99	-0.16	-1.39	-64.21	-24.21	9.51	22.80	-1.75	-0.11	-1.09
BARRETT_IC_5 23708	62.69	44.33	40.05	45.77	41.21	47.25	42.89	20.04	23.86	47.77	46.39	53.99	38.48	90.99	43.17	43.31	50.61	126.52	125.33	126.15	34.03	55.63	55.57	53.55
	2.37	2.23	2.09	2.21	2.16	2.60	1.43	1.81	1.75	2.42	2.66	2.68	2.61	2.68	2.48	1.94	2.13	2.90	2.90	2.26	1.20	1.70	1.49	1.30
	-14.73	0.00	0.00	0.00	0.00	0.00	-0.49	39.98	33.15	0.00	-5.27	-16.52	-0.26	-53.17	-4.99	-0.16	-1.39	-64.21	-24.21	9.51	22.80	-1.75	-0.11	-1.09

BARRETT_IC_6 23709	62.69 2.37 -14.73	44.33 2.23 0.00	40.05 2.09 0.00	45.77 2.21 0.00	41.21 2.16 0.00	47.25 2.60 0.00	42.89 1.43 -0.49	20.04 1.81 39.98	23.86 1.75 33.15	47.77 2.42 0.00	46.39 2.66 -5.27	53.99 2.68 -16.52	38.48 2.61 -0.26	90.99 2.68 -53.17	43.17 2.48 -4.99	43.31 1.94 -0.16	50.61 2.13 -1.39	126.52 2.90 -64.21	125.33 2.90 -24.21	126.15 2.26 9.51	34.03 1.20 22.80	55.63 1.70 -1.75	55.57 1.49 -0.11	53.55 1.30 -1.09
BARRETT_IC_7 23710	62.69 2.37 -14.73	44.33 2.24 0.00	40.06 2.09 0.00	45.77 2.21 0.00	41.21 2.16 0.00	47.25 2.60 0.00	42.90 1.43 -0.49	20.04 1.81 39.98	23.86 1.75 33.15	47.77 2.42 0.00	46.39 2.66 -5.27	53.99 2.68 -16.52	38.47 2.60 -0.26	90.99 2.69 -53.17	43.15 2.46 -4.99	43.31 1.94 -0.16	50.61 2.13 -1.39	126.47 2.86 -64.21	125.32 2.90 -24.21	126.15 2.26 9.51	34.03 1.20 22.80	55.64 1.70 -1.75	55.57 1.49 -0.11	53.56 1.31 -1.09
BARRETT_IC_8 23711	62.69 2.37 -14.73	44.33 2.23 0.00	40.05 2.09 0.00	45.77 2.21 0.00	41.21 2.16 0.00	47.25 2.60 0.00	42.89 1.43 -0.49	20.04 1.81 39.98	23.86 1.75 33.15	47.77 2.42 0.00	46.39 2.66 -5.27	53.99 2.68 -16.52	38.48 2.61 -0.26	90.99 2.68 -53.17	43.17 2.48 -4.99	43.31 1.94 -0.16	50.61 2.13 -1.39	126.52 2.90 -64.21	125.33 2.90 -24.21	126.15 2.26 9.51	34.03 1.20 22.80	55.63 1.70 -1.75	55.57 1.49 -0.11	53.55 1.30 -1.09
BARRETT_IC_9 23700	62.69 2.37 -14.73	44.33 2.23 0.00	40.05 2.09 0.00	45.77 2.21 0.00	41.21 2.16 0.00	47.25 2.60 0.00	42.89 1.43 -0.49	20.04 1.81 39.98	23.86 1.75 33.15	47.77 2.42 0.00	46.39 2.66 -5.27	53.99 2.68 -16.52	38.48 2.61 -0.26	90.99 2.68 -53.17	43.17 2.48 -4.99	43.31 1.94 -0.16	50.61 2.13 -1.39	126.52 2.90 -64.21	124.15 2.90 -23.03	126.15 2.26 9.51	34.03 1.20 22.80	55.63 1.70 -1.75	55.57 1.49 -0.11	53.55 1.30 -1.09
BARRETT___1 23545	62.69 2.37 -14.73	44.33 2.23 0.00	40.05 2.09 0.00	45.77 2.21 0.00	41.21 2.16 0.00	47.25 2.60 0.00	42.89 1.43 -0.49	20.04 1.81 39.98	23.86 1.75 33.15	47.77 2.42 0.00	46.39 2.66 -5.27	53.99 2.68 -16.52	38.48 2.61 -0.26	90.99 2.68 -53.17	43.17 2.48 -4.99	43.31 1.94 -0.16	50.61 2.13 -1.39	126.52 2.90 -64.21	125.33 2.90 -24.21	126.15 2.26 9.51	34.03 1.20 22.80	55.63 1.70 -1.75	55.57 1.49 -0.11	53.55 1.30 -1.09
BARRETT___2 23546	62.69 2.37 -14.73	44.33 2.23 0.00	40.05 2.09 0.00	45.77 2.21 0.00	41.21 2.16 0.00	47.25 2.60 0.00	42.89 1.43 -0.49	20.04 1.81 39.98	23.86 1.75 33.15	47.77 2.42 0.00	46.39 2.66 -5.27	53.99 2.68 -16.52	38.48 2.61 -0.26	90.99 2.68 -53.17	43.17 2.48 -4.99	43.31 1.94 -0.16	50.61 2.13 -1.39	126.52 2.90 -64.21	124.15 2.90 -23.03	126.15 2.26 9.51	34.03 1.20 22.80	55.63 1.70 -1.75	55.57 1.49 -0.11	53.55 1.30 -1.09
BATAVIA___115KV_TB1 55881	44.53 -1.06 0.00	41.26 -0.83 0.00	37.24 -0.72 0.00	42.77 -0.79 0.00	38.51 -0.54 0.00	44.32 -0.33 0.00	39.77 -1.20 0.00	56.22 -1.98 0.00	53.83 -1.44 0.00	44.45 -0.90 0.00	37.66 -0.81 0.00	33.52 -1.27 0.00	34.40 -1.22 0.00	34.02 -1.12 0.00	34.41 -1.29 0.00	39.83 -1.37 0.00	45.41 -1.69 0.00	57.01 -2.40 0.00	95.66 -2.56 0.00	130.82 -2.58 0.00	54.22 -1.41 0.00	51.10 -1.08 0.00	53.82 -0.15 0.00	51.51 0.35 0.00
BAYONEEC___CTG1 323682	48.41 2.82 0.00	44.62 2.54 0.00	40.26 2.30 0.00	46.11 2.54 0.00	41.44 2.40 0.00	47.47 2.82 0.00	43.56 2.59 0.00	61.63 3.42 0.00	58.22 2.95 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.80 2.59 0.00	49.87 2.78 0.00	62.39 2.99 0.00	103.13 4.91 0.00	138.69 5.29 0.00	57.97 2.34 0.00	54.77 2.59 0.00	56.27 2.29 0.00	53.16 2.00 0.00
BAYONEEC___CTG10 323750	48.41 2.82 0.00	44.62 2.54 0.00	40.26 2.30 0.00	46.11 2.54 0.00	41.44 2.40 0.00	47.47 2.82 0.00	43.56 2.59 0.00	61.63 3.42 0.00	58.22 2.95 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.80 2.59 0.00	49.87 2.78 0.00	62.39 2.99 0.00	103.13 4.91 0.00	138.69 5.29 0.00	57.97 2.34 0.00	54.77 2.59 0.00	56.27 2.29 0.00	53.16 2.00 0.00
BAYONEEC___CTG2 323683	48.41 2.82 0.00	44.62 2.54 0.00	40.26 2.30 0.00	46.11 2.54 0.00	41.44 2.40 0.00	47.47 2.82 0.00	43.56 2.59 0.00	61.63 3.42 0.00	58.22 2.95 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.80 2.59 0.00	49.87 2.78 0.00	62.39 2.99 0.00	103.13 4.91 0.00	138.69 5.29 0.00	57.97 2.34 0.00	54.77 2.59 0.00	56.27 2.29 0.00	53.16 2.00 0.00
BAYONEEC___CTG3 323684	48.41 2.82 0.00	44.62 2.54 0.00	40.26 2.30 0.00	46.11 2.54 0.00	41.44 2.40 0.00	47.47 2.82 0.00	43.56 2.59 0.00	61.63 3.42 0.00	58.22 2.95 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.80 2.59 0.00	49.87 2.78 0.00	62.39 2.99 0.00	103.13 4.91 0.00	138.69 5.29 0.00	57.97 2.34 0.00	54.77 2.59 0.00	56.27 2.29 0.00	53.16 2.00 0.00
BAYONEEC___CTG4 323685	48.41 2.82 0.00	44.62 2.54 0.00	40.26 2.30 0.00	46.11 2.54 0.00	41.44 2.40 0.00	47.47 2.82 0.00	43.56 2.59 0.00	61.63 3.42 0.00	58.22 2.95 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.80 2.59 0.00	49.87 2.78 0.00	62.39 2.99 0.00	103.13 4.91 0.00	138.69 5.29 0.00	57.97 2.34 0.00	54.77 2.59 0.00	56.27 2.29 0.00	53.16 2.00 0.00
BAYONEEC___CTG5 323686	48.41 2.82 0.00	44.62 2.54 0.00	40.26 2.30 0.00	46.11 2.54 0.00	41.44 2.40 0.00	47.47 2.82 0.00	43.56 2.59 0.00	61.63 3.42 0.00	58.22 2.95 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.80 2.59 0.00	49.87 2.78 0.00	62.39 2.99 0.00	103.13 4.91 0.00	138.69 5.29 0.00	57.97 2.34 0.00	54.77 2.59 0.00	56.27 2.29 0.00	53.16 2.00 0.00
BAYONEEC___CTG6 323687	48.41 2.82 0.00	44.62 2.54 0.00	40.26 2.30 0.00	46.11 2.54 0.00	41.44 2.40 0.00	47.47 2.82 0.00	43.56 2.59 0.00	61.63 3.42 0.00	58.22 2.95 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.80 2.59 0.00	49.87 2.78 0.00	62.39 2.99 0.00	103.13 4.91 0.00	138.69 5.29 0.00	57.97 2.34 0.00	54.77 2.59 0.00	56.27 2.29 0.00	53.16 2.00 0.00
BAYONEEC___CTG7 323688	48.41 2.82 0.00	44.62 2.54 0.00	40.26 2.30 0.00	46.11 2.54 0.00	41.44 2.40 0.00	47.47 2.82 0.00	43.56 2.59 0.00	61.63 3.42 0.00	58.22 2.95 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.80 2.59 0.00	49.87 2.78 0.00	62.39 2.99 0.00	103.13 4.91 0.00	138.69 5.29 0.00	57.97 2.34 0.00	54.77 2.59 0.00	56.27 2.29 0.00	53.16 2.00 0.00

BAYONEEC___CTG8 323689	48.41 2.82 0.00	44.62 2.54 0.00	40.26 2.30 0.00	46.11 2.54 0.00	41.44 2.40 0.00	47.47 2.82 0.00	43.56 2.59 0.00	61.63 3.42 0.00	58.22 2.95 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.80 2.59 0.00	49.87 2.78 0.00	62.39 2.99 0.00	103.13 4.91 0.00	138.69 5.29 0.00	57.97 2.34 0.00	54.77 2.59 0.00	56.27 2.29 0.00	53.16 2.00 0.00
BAYONEEC___CTG9 323749	48.41 2.82 0.00	44.62 2.54 0.00	40.26 2.30 0.00	46.11 2.54 0.00	41.44 2.40 0.00	47.47 2.82 0.00	43.56 2.59 0.00	61.63 3.42 0.00	58.22 2.95 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.80 2.59 0.00	49.87 2.78 0.00	62.39 2.99 0.00	103.13 4.91 0.00	138.69 5.29 0.00	57.97 2.34 0.00	54.77 2.59 0.00	56.27 2.29 0.00	53.16 2.00 0.00
BEACON___LESR 323632	47.34 1.75 0.00	43.62 1.53 0.00	39.30 1.34 0.00	45.02 1.45 0.00	40.42 1.37 0.00	46.22 1.57 0.00	42.53 1.56 0.00	60.44 2.23 0.00	57.12 1.86 0.00	46.51 1.16 0.00	39.44 0.97 0.00	35.76 0.97 0.00	36.58 0.97 0.00	36.06 0.92 0.00	36.63 0.93 0.00	42.20 1.00 0.00	48.23 1.14 0.00	61.06 1.65 0.00	100.52 2.30 0.00	136.42 3.03 0.00	56.81 1.18 0.00	53.31 1.13 0.00	55.03 1.05 0.00	51.89 0.73 0.00
BEAVER RIVER___HYD 24048	44.47 -1.12 0.00	41.02 -1.07 0.00	37.10 -0.87 0.00	42.48 -1.09 0.00	38.16 -0.88 0.00	43.87 -0.78 0.00	40.75 -0.22 0.00	58.82 0.61 0.00	56.07 0.80 0.00	45.94 0.59 0.00	38.66 0.20 0.00	34.54 -0.26 0.00	35.03 -0.59 0.00	34.53 -0.60 0.00	35.46 -0.23 0.00	41.10 -0.10 0.00	47.67 0.57 0.00	60.87 1.47 0.00	101.10 2.89 0.00	137.27 3.88 0.00	57.24 1.61 0.00	53.53 1.34 0.00	55.24 1.27 0.00	52.25 1.09 0.00
BEEBEE_GT_13 23619	44.45 -1.14 0.00	41.10 -0.98 0.00	37.10 -0.87 0.00	42.61 -0.96 0.00	38.27 -0.78 0.00	43.92 -0.73 0.00	39.80 -1.18 0.00	56.39 -1.82 0.00	53.89 -1.37 0.00	44.48 -0.87 0.00	37.84 -0.63 0.00	33.97 -0.83 0.00	34.78 -0.83 0.00	34.27 -0.86 0.00	34.76 -0.93 0.00	40.20 -1.01 0.00	45.73 -1.37 0.00	57.39 -2.01 0.00	95.82 -2.40 0.00	130.69 -2.71 0.00	54.24 -1.39 0.00	51.02 -1.17 0.00	53.36 -0.61 0.00	50.87 -0.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.64 3.05 0.00	44.77 2.68 0.00	40.39 2.42 0.00	46.26 2.70 0.00	41.57 2.53 0.00	47.76 3.11 0.00	43.82 2.85 0.00	61.95 3.75 0.00	58.51 3.24 0.00	48.36 3.01 0.00	41.15 2.69 0.00	37.43 2.63 0.00	38.39 2.78 0.00	37.84 2.71 0.00	38.37 2.68 0.00	44.07 2.87 0.00	50.22 3.12 0.00	62.73 3.33 0.00	103.81 5.60 0.00	139.50 6.11 0.00	58.32 2.69 0.00	55.11 2.93 0.00	56.54 2.57 0.00	53.47 2.31 0.00
BETHLEHEM___GRP 23843	46.71 1.12 0.00	43.08 0.99 0.00	38.85 0.88 0.00	44.56 0.99 0.00	39.93 0.88 0.00	45.64 0.98 0.00	41.97 0.99 0.00	59.54 1.33 0.00	56.24 0.97 0.00	45.98 0.63 0.00	38.96 0.49 0.00	35.33 0.53 0.00	36.11 0.49 0.00	35.60 0.47 0.00	36.20 0.50 0.00	41.64 0.43 0.00	47.57 0.48 0.00	60.14 0.73 0.00	99.01 0.80 0.00	134.37 0.97 0.00	56.04 0.40 0.00	52.55 0.37 0.00	54.19 0.22 0.00	51.25 0.09 0.00
BETHLEHEM___GS1 323560	46.71 1.11 0.00	43.08 0.99 0.00	38.85 0.88 0.00	44.56 0.99 0.00	39.93 0.89 0.00	45.63 0.99 0.00	41.96 0.99 0.00	59.54 1.34 0.00	56.24 0.97 0.00	45.98 0.63 0.00	38.96 0.49 0.00	35.33 0.53 0.00	36.11 0.49 0.00	35.60 0.47 0.00	36.21 0.50 0.00	41.64 0.43 0.00	47.57 0.48 0.00	60.14 0.74 0.00	99.02 0.81 0.00	134.37 0.98 0.00	56.04 0.41 0.00	52.56 0.37 0.00	54.19 0.22 0.00	51.25 0.10 0.00
BETHLEHEM___GS2 323561	46.71 1.11 0.00	43.08 0.99 0.00	38.85 0.88 0.00	44.56 0.99 0.00	39.93 0.89 0.00	45.63 0.99 0.00	41.96 0.99 0.00	59.54 1.34 0.00	56.24 0.97 0.00	45.98 0.63 0.00	38.96 0.49 0.00	35.33 0.53 0.00	36.11 0.49 0.00	35.60 0.47 0.00	36.21 0.50 0.00	41.64 0.43 0.00	47.57 0.48 0.00	60.14 0.74 0.00	99.02 0.81 0.00	134.37 0.98 0.00	56.04 0.41 0.00	52.56 0.37 0.00	54.19 0.22 0.00	51.25 0.10 0.00
BETHLEHEM___GS3 323562	46.71 1.11 0.00	43.08 0.99 0.00	38.85 0.88 0.00	44.56 0.99 0.00	39.93 0.89 0.00	45.63 0.99 0.00	41.96 0.99 0.00	59.54 1.34 0.00	56.24 0.97 0.00	45.98 0.63 0.00	38.96 0.49 0.00	35.33 0.53 0.00	36.11 0.49 0.00	35.60 0.47 0.00	36.21 0.50 0.00	41.64 0.43 0.00	47.57 0.48 0.00	60.14 0.74 0.00	99.02 0.81 0.00	134.37 0.98 0.00	56.04 0.41 0.00	52.56 0.37 0.00	54.19 0.22 0.00	51.25 0.10 0.00
BETHLEHEM___STEEL 23779	43.44 -2.15 0.00	40.24 -1.85 0.00	36.33 -1.63 0.00	41.80 -1.77 0.00	37.65 -1.39 0.00	43.41 -1.24 0.00	38.95 -2.02 0.00	55.01 -3.20 0.00	52.68 -2.59 0.00	43.66 -1.69 0.00	37.22 -1.24 0.00	33.19 -1.61 0.00	33.98 -1.63 0.00	33.43 -1.70 0.00	33.92 -1.78 0.00	39.26 -1.94 0.00	44.53 -2.56 0.00	55.70 -3.70 0.00	93.62 -4.59 0.00	128.40 -4.99 0.00	53.12 -2.52 0.00	50.12 -2.07 0.00	52.99 -0.98 0.00	50.77 -0.39 0.00
BETHLHEM_115KV_TB1 79974	46.73 1.13 0.00	43.09 1.01 0.00	38.88 0.91 0.00	44.56 1.00 0.00	39.94 0.90 0.00	45.67 1.01 0.00	41.98 1.01 0.00	59.58 1.37 0.00	56.28 1.01 0.00	46.03 0.68 0.00	39.00 0.53 0.00	35.36 0.57 0.00	36.15 0.53 0.00	35.63 0.50 0.00	36.23 0.53 0.00	41.68 0.47 0.00	47.63 0.53 0.00	60.20 0.80 0.00	99.12 0.90 0.00	134.50 1.11 0.00	56.09 0.47 0.00	52.61 0.43 0.00	54.25 0.28 0.00	51.32 0.16 0.00
BETHPAGE_CC_5 323564	43.32 2.29 4.56	44.24 2.16 0.00	40.02 2.05 0.00	45.71 2.14 0.00	41.15 2.11 0.00	47.18 2.53 0.00	42.28 1.55 0.25	32.59 1.99 27.61	29.34 1.94 27.87	47.04 2.41 0.73	46.14 2.62 -5.06	53.31 2.65 -15.87	38.43 2.57 -0.25	88.81 2.62 -51.06	42.95 2.45 -4.79	43.09 1.94 0.05	48.28 2.19 1.00	42.08 2.79 20.11	77.66 3.32 23.88	129.01 2.80 7.18	37.51 1.47 19.58	36.84 1.80 17.14	54.29 1.55 1.24	40.22 1.31 12.24
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.49 -2.10 0.00	40.28 -1.81 0.00	36.38 -1.59 0.00	41.84 -1.72 0.00	37.70 -1.34 0.00	43.47 -1.18 0.00	39.02 -1.95 0.00	55.13 -3.07 0.00	52.81 -2.46 0.00	43.76 -1.59 0.00	37.31 -1.16 0.00	33.25 -1.54 0.00	34.05 -1.56 0.00	33.49 -1.65 0.00	33.98 -1.72 0.00	39.34 -1.87 0.00	44.63 -2.46 0.00	55.85 -3.56 0.00	93.88 -4.34 0.00	128.75 -4.65 0.00	53.26 -2.37 0.00	50.27 -1.92 0.00	53.11 -0.86 0.00	50.86 -0.30 0.00
BINGHAMTON___COGEN 23790	45.69 0.10 0.00	42.17 0.08 0.00	38.04 0.07 0.00	43.71 0.14 0.00	39.26 0.21 0.00	44.93 0.28 0.00	41.18 0.20 0.00	58.45 0.24 0.00	55.36 0.09 0.00	45.43 0.08 0.00	38.53 0.06 0.00	34.80 0.00 0.00	35.67 0.05 0.00	35.11 -0.02 0.00	35.69 -0.01 0.00	41.29 0.08 0.00	47.13 0.04 0.00	59.40 0.00 0.00	98.49 0.27 0.00	133.80 0.40 0.00	55.64 0.00 0.00	52.29 0.10 0.00	54.24 0.26 0.00	51.37 0.21 0.00

BIXINCNT_115KV_LOAD 355685	42.55 -3.04 0.00	39.43 -2.66 0.00	35.82 -2.15 0.00	41.16 -2.41 0.00	37.18 -1.87 0.00	43.05 -1.60 0.00	38.65 -2.33 0.00	54.84 -3.37 0.00	52.88 -2.38 0.00	44.10 -1.25 0.00	37.52 -0.94 0.00	32.97 -1.82 0.00	33.75 -1.87 0.00	33.11 -2.02 0.00	33.61 -2.08 0.00	38.89 -2.32 0.00	44.42 -2.68 0.00	56.19 -3.21 0.00	94.95 -3.27 0.00	130.47 -2.93 0.00	54.05 -1.58 0.00	50.93 -1.26 0.00	53.75 -0.22 0.00	51.33 0.17 0.00
BLACK RIVER___HYD 24047	44.34 -1.26 0.00	40.87 -1.21 0.00	36.98 -0.99 0.00	42.29 -1.27 0.00	37.98 -1.06 0.00	43.67 -0.97 0.00	40.63 -0.35 0.00	58.77 0.56 0.00	56.09 0.83 0.00	46.08 0.73 0.00	38.59 0.13 0.00	34.25 -0.54 0.00	34.69 -0.92 0.00	34.28 -0.86 0.00	35.24 -0.46 0.00	40.92 -0.28 0.00	47.63 0.53 0.00	60.90 1.49 0.00	101.30 3.08 0.00	137.47 4.08 0.00	57.29 1.66 0.00	53.60 1.42 0.00	55.29 1.32 0.00	52.15 1.00 0.00
BLACKRVR_115KV_TB2 79977	44.34 -1.26 0.00	40.87 -1.21 0.00	36.98 -0.99 0.00	42.29 -1.27 0.00	37.98 -1.06 0.00	43.67 -0.98 0.00	40.63 -0.35 0.00	58.76 0.56 0.00	56.10 0.83 0.00	46.08 0.73 0.00	38.60 0.13 0.00	34.25 -0.54 0.00	34.69 -0.92 0.00	34.28 -0.86 0.00	35.24 -0.46 0.00	40.92 -0.28 0.00	47.63 0.53 0.00	60.90 1.49 0.00	101.30 3.08 0.00	137.47 4.08 0.00	57.29 1.66 0.00	53.60 1.42 0.00	55.29 1.32 0.00	52.15 1.00 0.00
BLDWN_LI_69_KV_BK4 356085	49.05 2.62 -0.83	44.55 2.46 0.00	40.26 2.29 0.00	45.99 2.43 0.00	41.42 2.37 0.00	47.50 2.85 0.00	42.79 1.82 0.01	39.64 2.40 20.96	37.94 2.31 19.64	47.87 2.72 0.20	46.36 2.87 -5.03	53.44 2.87 -15.77	38.62 2.76 -0.24	88.67 2.77 -50.77	43.14 2.68 -4.77	43.44 2.23 -0.01	49.46 2.52 0.16	66.29 3.30 -3.58	96.20 3.83 5.84	131.02 3.76 6.14	41.45 1.87 16.06	44.84 2.23 9.57	55.27 2.00 0.69	46.01 1.74 6.89
BLISS_WT_PWR 323608	42.16 -3.43 0.00	39.08 -3.01 0.00	35.54 -2.43 0.00	40.82 -2.75 0.00	36.88 -2.16 0.00	42.76 -1.89 0.00	38.37 -2.61 0.00	54.48 -3.73 0.00	52.68 -2.58 0.00	44.05 -1.30 0.00	37.47 -1.00 0.00	32.78 -2.02 0.00	33.54 -2.08 0.00	32.90 -2.23 0.00	33.40 -2.30 0.00	38.66 -2.54 0.00	44.22 -2.87 0.00	56.05 -3.35 0.00	94.86 -3.36 0.00	130.50 -2.89 0.00	54.06 -1.57 0.00	50.91 -1.28 0.00	53.78 -0.20 0.00	51.36 0.20 0.00
BLUESTONE___WT_PWR 323821	44.06 -1.53 0.00	40.63 -1.46 0.00	36.66 -1.31 0.00	42.22 -1.34 0.00	38.02 -1.03 0.00	43.73 -0.91 0.00	40.17 -0.81 0.00	57.19 -1.01 0.00	54.57 -0.70 0.00	44.88 -0.47 0.00	38.10 -0.36 0.00	34.31 -0.48 0.00	35.05 -0.56 0.00	34.28 -0.85 0.00	35.34 -0.35 0.00	41.60 0.40 0.00	47.86 0.77 0.00	61.23 1.83 0.00	101.38 3.17 0.00	138.58 5.19 0.00	57.54 1.91 0.00	53.80 1.62 0.00	56.24 2.26 0.00	53.30 2.14 0.00
BLUE_CIRC_CHEM_DRP 24182	46.97 1.37 0.00	43.30 1.22 0.00	39.07 1.10 0.00	44.81 1.25 0.00	40.15 1.11 0.00	45.92 1.26 0.00	42.20 1.22 0.00	59.88 1.67 0.00	56.56 1.29 0.00	46.14 0.79 0.00	39.14 0.68 0.00	35.47 0.67 0.00	36.21 0.60 0.00	35.68 0.55 0.00	36.32 0.62 0.00	41.77 0.57 0.00	47.85 0.75 0.00	60.52 1.11 0.00	99.72 1.50 0.00	135.29 1.90 0.00	56.45 0.82 0.00	52.94 0.76 0.00	54.62 0.65 0.00	51.70 0.54 0.00
BOC_GAS_DRP 24189	46.68 1.09 0.00	43.06 0.98 0.00	38.85 0.88 0.00	44.56 0.99 0.00	39.93 0.89 0.00	45.67 1.02 0.00	41.95 0.98 0.00	59.53 1.33 0.00	56.28 1.01 0.00	46.10 0.74 0.00	39.06 0.60 0.00	35.41 0.61 0.00	36.21 0.60 0.00	35.70 0.57 0.00	36.29 0.60 0.00	41.77 0.56 0.00	47.71 0.62 0.00	60.23 0.82 0.00	99.22 1.01 0.00	134.62 1.22 0.00	56.17 0.54 0.00	52.72 0.53 0.00	54.39 0.41 0.00	51.46 0.30 0.00
BOONVILLE_115KV_TB1 79983	45.59 0.00 0.00	42.09 0.00 0.00	38.00 0.04 0.00	43.58 0.02 0.00	39.13 0.09 0.00	44.89 0.24 0.00	41.50 0.52 0.00	59.43 1.22 0.00	56.50 1.23 0.00	46.24 0.88 0.00	39.04 0.57 0.00	35.13 0.34 0.00	35.80 0.19 0.00	35.27 0.14 0.00	36.06 0.36 0.00	41.74 0.53 0.00	48.00 0.90 0.00	60.98 1.57 0.00	100.87 2.66 0.00	136.90 3.51 0.00	57.07 1.43 0.00	53.45 1.27 0.00	55.19 1.21 0.00	52.22 1.07 0.00
BORALEX_4TH_BRANCH 23824	47.43 1.84 0.00	43.65 1.57 0.00	39.37 1.40 0.00	45.12 1.56 0.00	40.35 1.30 0.00	46.09 1.44 0.00	42.51 1.53 0.00	60.31 2.10 0.00	56.77 1.50 0.00	46.09 0.74 0.00	38.66 0.20 0.00	34.98 0.19 0.00	35.66 0.04 0.00	35.18 0.05 0.00	35.86 0.16 0.00	41.30 0.10 0.00	47.16 0.06 0.00	60.00 0.59 0.00	98.29 0.07 0.00	133.82 0.43 0.00	55.77 0.14 0.00	52.08 -0.11 0.00	53.66 -0.31 0.00	50.76 -0.40 0.00
BOWLINE___1 23526	48.07 2.48 0.00	44.32 2.24 0.00	40.01 2.04 0.00	45.85 2.29 0.00	41.21 2.17 0.00	47.16 2.51 0.00	43.26 2.28 0.00	61.35 3.14 0.00	57.90 2.63 0.00	47.66 2.31 0.00	40.53 2.06 0.00	36.87 2.08 0.00	37.82 2.21 0.00	37.25 2.12 0.00	37.79 2.09 0.00	43.42 2.22 0.00	49.54 2.45 0.00	62.15 2.75 0.00	102.74 4.52 0.00	138.20 4.81 0.00	57.74 2.11 0.00	54.49 2.30 0.00	56.08 2.10 0.00	52.98 1.82 0.00
BOWLINE___2 23595	48.04 2.45 0.00	44.31 2.22 0.00	40.00 2.03 0.00	45.84 2.28 0.00	41.20 2.16 0.00	47.16 2.51 0.00	43.25 2.27 0.00	61.34 3.14 0.00	57.89 2.63 0.00	47.65 2.30 0.00	40.52 2.06 0.00	36.86 2.07 0.00	37.81 2.19 0.00	37.24 2.11 0.00	37.78 2.08 0.00	43.41 2.21 0.00	49.54 2.44 0.00	62.15 2.74 0.00	102.71 4.49 0.00	138.20 4.80 0.00	57.72 2.09 0.00	54.47 2.28 0.00	56.08 2.10 0.00	52.98 1.82 0.00
BRADY___115KV_TB2 356060	46.53 0.93 0.00	42.97 0.88 0.00	38.75 0.78 0.00	44.46 0.90 0.00	39.89 0.85 0.00	45.81 1.15 0.00	42.12 1.15 0.00	60.06 1.85 0.00	57.42 2.16 0.00	47.17 1.82 0.00	39.99 1.52 0.00	35.98 1.19 0.00	36.85 1.24 0.00	36.35 1.22 0.00	36.89 1.20 0.00	42.70 1.50 0.00	48.95 1.86 0.00	61.96 2.56 0.00	102.91 4.69 0.00	140.00 6.61 0.00	58.44 2.81 0.00	54.60 2.41 0.00	56.50 2.53 0.00	53.66 2.50 0.00
BRANSCOMB___SOLAR 323811	47.36 1.77 0.00	43.65 1.56 0.00	39.37 1.41 0.00	45.15 1.59 0.00	40.43 1.39 0.00	46.23 1.58 0.00	42.63 1.65 0.00	60.53 2.33 0.00	57.16 1.90 0.00	46.54 1.19 0.00	39.20 0.73 0.00	35.49 0.70 0.00	36.20 0.59 0.00	35.78 0.65 0.00	36.44 0.74 0.00	42.04 0.84 0.00	48.15 1.06 0.00	61.33 1.93 0.00	100.84 2.63 0.00	137.02 3.62 0.00	57.00 1.37 0.00	53.30 1.11 0.00	54.99 1.02 0.00	52.05 0.89 0.00
BRDGHMPT_69_KV_BK1 55812	40.32 1.81 7.08	44.10 2.02 0.00	39.84 1.87 0.00	45.48 1.92 0.00	40.97 1.93 0.00	47.22 2.57 0.00	21.52 0.21 19.66	17.97 0.14 40.37	16.89 0.33 38.70	29.88 0.88 16.36	-16.52 1.42 56.41	-11.73 1.52 48.04	35.93 1.77 1.46	37.55 1.91 -0.51	30.89 1.87 6.68	42.53 1.42 0.09	47.14 1.73 1.68	30.21 2.07 31.27	64.22 1.55 35.54	123.56 -0.83 9.00	31.10 0.15 24.68	30.34 0.55 22.40	52.57 0.21 1.62	34.79 -0.39 15.98

BRENTWOD_69_KV_W. BRTWOOD 56703	41.30 2.37 6.66	44.38 2.30 0.00	40.13 2.16 0.00	45.81 2.25 0.00	41.26 2.22 0.00	47.38 2.73 0.00	42.06 1.64 0.55	23.87 2.01 36.35	20.28 1.98 36.97	44.64 2.31 3.02	46.24 2.63 -5.15	52.98 2.75 -15.44	38.45 2.59 -0.25	88.12 2.62 -50.37	43.00 2.42 -4.88	43.14 2.01 0.08	47.98 2.31 1.43	32.95 2.95 29.40	68.07 3.48 33.63	127.90 3.15 8.63	33.48 1.53 23.68	32.51 1.86 21.54	54.09 1.66 1.56	37.03 1.24 15.37
BRISTLHL_115KV_TB1 79998	44.61 -0.98 0.00	41.13 -0.96 0.00	37.15 -0.82 0.00	42.63 -0.93 0.00	38.17 -0.87 0.00	43.54 -1.11 0.00	39.90 -1.08 0.00	57.04 -1.17 0.00	53.92 -1.35 0.00	44.26 -1.10 0.00	37.53 -0.94 0.00	33.91 -0.88 0.00	34.70 -0.92 0.00	34.15 -0.98 0.00	34.70 -1.00 0.00	40.13 -1.08 0.00	45.86 -1.24 0.00	57.84 -1.56 0.00	95.75 -2.46 0.00	129.97 -3.42 0.00	54.12 -1.52 0.00	50.83 -1.36 0.00	52.63 -1.35 0.00	49.79 -1.36 0.00
BROOKHAVEN___DRP 24191	40.09 1.59 7.09	43.56 1.48 0.00	39.38 1.41 0.00	44.96 1.40 0.00	40.49 1.45 0.00	46.73 2.08 0.00	22.66 0.67 18.98	18.78 0.89 40.31	17.52 1.00 38.74	31.01 1.48 15.81	-13.59 1.90 53.95	-9.00 2.02 45.81	36.22 2.00 1.39	38.99 2.03 -1.82	31.37 1.89 6.22	42.45 1.34 0.09	46.97 1.55 1.67	30.05 1.96 31.32	64.31 1.69 35.59	124.63 0.24 9.01	31.50 0.57 24.71	30.81 1.04 22.42	53.02 0.67 1.62	35.39 0.22 15.99
BROOKLYN_NAVY_YARD 23515	48.34 2.75 0.00	44.54 2.45 0.00	40.17 2.21 0.00	46.00 2.44 0.00	41.33 2.29 0.00	47.38 2.72 0.00	43.50 2.52 0.00	61.57 3.36 0.00	58.15 2.89 0.00	48.00 2.65 0.00	40.87 2.40 0.00	37.18 2.38 0.00	38.11 2.49 0.00	37.57 2.44 0.00	38.12 2.42 0.00	43.74 2.53 0.00	49.81 2.72 0.00	62.32 2.91 0.00	103.02 4.81 0.00	138.55 5.16 0.00	57.90 2.27 0.00	54.73 2.55 0.00	56.20 2.22 0.00	53.09 1.93 0.00
BROOKLYN___ARMY_DRP 323595	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.66 2.68 0.00	61.72 3.51 0.00	58.29 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.24 2.62 0.00	37.68 2.55 0.00	38.22 2.53 0.00	43.89 2.68 0.00	50.01 2.91 0.00	62.46 3.06 0.00	103.35 5.13 0.00	138.84 5.45 0.00	58.06 2.43 0.00	54.87 2.69 0.00	56.30 2.33 0.00	53.25 2.09 0.00
BROOME_2_LFGE 323671	45.70 0.10 0.00	42.17 0.08 0.00	38.04 0.07 0.00	43.71 0.14 0.00	39.26 0.22 0.00	44.93 0.28 0.00	41.17 0.19 0.00	58.45 0.25 0.00	55.36 0.09 0.00	45.43 0.08 0.00	38.53 0.06 0.00	34.80 0.00 0.00	35.67 0.05 0.00	35.11 -0.02 0.00	35.69 -0.01 0.00	41.29 0.08 0.00	47.13 0.04 0.00	59.40 -0.01 0.00	98.49 0.27 0.00	133.80 0.41 0.00	55.64 0.00 0.00	52.29 0.10 0.00	54.24 0.26 0.00	51.37 0.21 0.00
BROOME___LFGE 323600	45.70 0.10 0.00	42.17 0.08 0.00	38.04 0.07 0.00	43.71 0.14 0.00	39.26 0.22 0.00	44.93 0.28 0.00	41.17 0.19 0.00	58.45 0.25 0.00	55.36 0.09 0.00	45.43 0.08 0.00	38.53 0.06 0.00	34.80 0.00 0.00	35.67 0.05 0.00	35.11 -0.02 0.00	35.69 -0.01 0.00	41.29 0.08 0.00	47.13 0.04 0.00	59.40 -0.01 0.00	98.49 0.27 0.00	133.80 0.41 0.00	55.64 0.00 0.00	52.29 0.10 0.00	54.24 0.26 0.00	51.37 0.21 0.00
BROWNFLS_115KV_TB_3_5 80003	45.12 -0.48 0.00	41.63 -0.46 0.00	37.60 -0.37 0.00	43.08 -0.48 0.00	38.68 -0.36 0.00	44.43 -0.22 0.00	41.12 0.14 0.00	59.05 0.84 0.00	56.30 1.04 0.00	46.21 0.85 0.00	39.02 0.56 0.00	34.98 0.19 0.00	35.62 0.01 0.00	35.08 -0.05 0.00	35.85 0.15 0.00	41.52 0.31 0.00	47.92 0.83 0.00	60.99 1.58 0.00	101.36 3.15 0.00	137.74 4.35 0.00	57.49 1.86 0.00	53.73 1.55 0.00	55.52 1.54 0.00	52.61 1.45 0.00
BROWNSV1_27_KV_LOAD 356125	48.81 3.22 0.00	44.97 2.88 0.00	40.57 2.60 0.00	46.46 2.89 0.00	41.74 2.70 0.00	47.84 3.19 0.00	43.90 2.93 0.00	62.14 3.94 0.00	58.71 3.45 0.00	48.49 3.14 0.00	41.27 2.81 0.00	37.54 2.75 0.00	38.48 2.87 0.00	37.93 2.80 0.00	38.49 2.79 0.00	44.16 2.96 0.00	50.31 3.22 0.00	62.97 3.56 0.00	104.11 5.90 0.00	140.05 6.66 0.00	58.54 2.90 0.00	55.28 3.09 0.00	56.78 2.81 0.00	53.65 2.49 0.00
BURROWS___LYONSDAL 23803	45.18 -0.41 0.00	41.71 -0.37 0.00	37.68 -0.29 0.00	43.19 -0.37 0.00	38.79 -0.26 0.00	44.52 -0.13 0.00	41.24 0.26 0.00	59.22 1.01 0.00	56.35 1.09 0.00	46.12 0.76 0.00	38.90 0.43 0.00	34.95 0.16 0.00	35.56 -0.05 0.00	35.03 -0.10 0.00	35.88 0.18 0.00	41.54 0.34 0.00	47.88 0.79 0.00	60.95 1.55 0.00	100.93 2.72 0.00	136.94 3.55 0.00	57.10 1.47 0.00	53.46 1.28 0.00	55.20 1.22 0.00	52.22 1.06 0.00
CAITHNESS_CC_1 323624	40.06 1.56 7.10	43.60 1.52 0.00	39.42 1.45 0.00	45.00 1.44 0.00	40.54 1.49 0.00	46.73 2.08 0.00	22.74 0.75 18.99	18.86 1.00 40.35	17.58 1.10 38.78	31.10 1.56 15.81	-13.53 1.96 53.96	-8.95 2.08 45.82	36.27 2.04 1.39	39.01 2.08 -1.81	31.42 1.95 6.22	42.49 1.37 0.09	47.00 1.58 1.68	30.07 2.01 31.35	64.39 1.80 35.63	124.76 0.38 9.01	31.54 0.63 24.72	30.85 1.10 22.44	53.07 0.71 1.62	35.47 0.32 16.00
CALPINE BETH_PAGE_GT4 24209	44.24 2.32 3.67	44.27 2.18 0.00	40.03 2.06 0.00	45.72 2.16 0.00	41.17 2.12 0.00	47.21 2.56 0.00	42.38 1.60 0.20	36.65 2.10 23.65	33.52 2.02 23.77	47.47 2.45 0.33	46.11 2.63 -5.02	53.19 2.65 -15.75	38.42 2.57 -0.24	88.44 2.62 -50.69	42.90 2.44 -4.76	43.14 1.97 0.04	48.54 2.25 0.81	46.10 2.85 16.15	82.05 3.44 19.60	129.89 3.02 6.52	39.47 1.55 17.71	38.85 1.88 15.21	54.50 1.62 1.10	41.64 1.36 10.88
CALPINE_BETH_PAGE_GT_4 323586	44.22 2.30 3.67	44.27 2.18 0.00	40.03 2.06 0.00	45.72 2.16 0.00	41.17 2.12 0.00	47.21 2.56 0.00	42.37 1.60 0.20	36.65 2.10 23.65	33.52 2.02 23.77	47.47 2.44 0.33	46.11 2.63 -5.02	53.19 2.65 -15.75	38.43 2.57 -0.24	88.44 2.62 -50.69	42.91 2.45 -4.76	43.13 1.97 0.04	48.54 2.25 0.81	46.11 2.86 16.15	82.07 3.45 19.60	129.88 3.01 6.52	39.48 1.56 17.71	38.85 1.88 15.21	54.50 1.63 1.10	41.64 1.36 10.88
CALPINE_BP_GT1 23823	44.22 2.30 3.67	44.27 2.18 0.00	40.03 2.06 0.00	45.72 2.16 0.00	41.17 2.12 0.00	47.21 2.56 0.00	42.37 1.60 0.20	36.65 2.10 23.65	33.52 2.02 23.77	47.47 2.44 0.33	46.11 2.63 -5.02	53.19 2.65 -15.75	38.43 2.57 -0.24	88.44 2.62 -50.69	42.91 2.45 -4.76	43.13 1.97 0.04	48.54 2.25 0.81	46.11 2.86 16.15	82.07 3.45 19.60	129.88 3.01 6.52	39.48 1.56 17.71	38.85 1.88 15.21	54.50 1.63 1.10	41.64 1.36 10.88
CALSPAN___DRP 24200	43.44 -2.15 0.00	40.24 -1.85 0.00	36.33 -1.63 0.00	41.80 -1.77 0.00	37.65 -1.39 0.00	43.41 -1.24 0.00	38.95 -2.02 0.00	55.01 -3.20 0.00	52.68 -2.59 0.00	43.66 -1.69 0.00	37.22 -1.24 0.00	33.19 -1.61 0.00	33.98 -1.63 0.00	33.43 -1.70 0.00	33.92 -1.78 0.00	39.26 -1.94 0.00	44.53 -2.56 0.00	55.70 -3.70 0.00	93.62 -4.59 0.00	128.40 -4.99 0.00	53.12 -2.52 0.00	50.12 -2.07 0.00	52.99 -0.98 0.00	50.77 -0.39 0.00

CALVERTON___SOLAR 323806	40.07 1.56 7.09	43.56 1.48 0.00	39.37 1.40 0.00	44.95 1.38 0.00	40.49 1.45 0.00	46.75 2.10 0.00	23.75 0.59 17.82	18.83 0.77 40.14	17.43 0.90 38.73	31.84 1.38 14.89	-9.47 1.82 49.75	-5.24 1.94 41.98	36.30 1.96 1.27	41.22 1.99 -4.11	32.13 1.86 5.43	42.44 1.33 0.09	46.97 1.54 1.66	30.06 1.96 31.31	64.30 1.66 35.58	124.43 0.04 9.00	31.45 0.51 24.70	30.75 0.98 22.41	52.98 0.63 1.62	35.31 0.14 15.99
CANDIGU_WT_PWR 323617	42.84 -2.75 0.00	39.60 -2.49 0.00	35.84 -2.13 0.00	41.32 -2.24 0.00	37.35 -1.69 0.00	43.03 -1.62 0.00	39.08 -1.90 0.00	55.26 -2.94 0.00	52.36 -2.91 0.00	42.85 -2.51 0.00	36.03 -2.44 0.00	32.15 -2.64 0.00	33.07 -2.54 0.00	32.56 -2.57 0.00	33.12 -2.57 0.00	38.63 -2.58 0.00	44.40 -2.69 0.00	55.83 -3.58 0.00	94.15 -4.07 0.00	129.10 -4.29 0.00	53.23 -2.41 0.00	50.27 -1.92 0.00	52.94 -1.04 0.00	50.34 -0.81 0.00
CARR STREET_E_SYR 24060	44.94 -0.66 0.00	41.48 -0.61 0.00	37.43 -0.54 0.00	42.96 -0.60 0.00	38.48 -0.56 0.00	43.92 -0.73 0.00	40.26 -0.72 0.00	57.17 -1.04 0.00	54.30 -0.97 0.00	44.59 -0.76 0.00	37.81 -0.66 0.00	34.16 -0.64 0.00	34.98 -0.64 0.00	34.46 -0.67 0.00	35.04 -0.65 0.00	40.50 -0.71 0.00	46.25 -0.85 0.00	58.31 -1.09 0.00	96.56 -1.65 0.00	131.11 -2.29 0.00	54.57 -1.06 0.00	51.24 -0.95 0.00	53.08 -0.90 0.00	50.29 -0.86 0.00
CARTHAGE___PAPER 23857	44.71 -0.89 0.00	41.23 -0.86 0.00	37.29 -0.68 0.00	42.67 -0.89 0.00	38.34 -0.71 0.00	44.10 -0.55 0.00	41.00 0.03 0.00	59.25 1.05 0.00	56.53 1.26 0.00	46.36 1.01 0.00	38.93 0.47 0.00	34.65 -0.15 0.00	35.12 -0.49 0.00	34.68 -0.45 0.00	35.62 -0.08 0.00	41.36 0.15 0.00	48.06 0.96 0.00	61.43 2.02 0.00	102.12 3.90 0.00	138.55 5.16 0.00	57.78 2.15 0.00	54.03 1.85 0.00	55.74 1.76 0.00	52.65 1.49 0.00
CASSADAGA_WT_PWR 323784	43.56 -2.03 0.00	40.23 -1.86 0.00	36.39 -1.58 0.00	42.13 -1.43 0.00	37.98 -1.06 0.00	43.85 -0.80 0.00	39.59 -1.39 0.00	56.45 -1.76 0.00	53.94 -1.32 0.00	44.68 -0.67 0.00	37.94 -0.52 0.00	33.64 -1.15 0.00	34.47 -1.14 0.00	33.66 -1.47 0.00	34.01 -1.69 0.00	39.33 -1.88 0.00	45.16 -1.94 0.00	57.17 -2.23 0.00	96.45 -1.77 0.00	131.15 -2.25 0.00	54.09 -1.54 0.00	50.84 -1.35 0.00	54.06 0.08 0.00	51.69 0.53 0.00
CE_DUNWOOD___DRP 24194	48.19 2.60 0.00	44.42 2.33 0.00	40.09 2.12 0.00	45.93 2.37 0.00	41.27 2.23 0.00	47.25 2.60 0.00	43.34 2.36 0.00	61.42 3.21 0.00	57.99 2.73 0.00	47.80 2.44 0.00	40.66 2.20 0.00	36.99 2.20 0.00	37.92 2.31 0.00	37.37 2.24 0.00	37.91 2.22 0.00	43.52 2.32 0.00	49.64 2.54 0.00	62.23 2.83 0.00	102.81 4.59 0.00	138.40 5.01 0.00	57.81 2.18 0.00	54.57 2.38 0.00	56.12 2.15 0.00	53.03 1.87 0.00
CE_MILLWOOD___DRP 24193	48.14 2.55 0.00	44.38 2.29 0.00	40.05 2.08 0.00	45.89 2.33 0.00	41.23 2.19 0.00	47.20 2.55 0.00	43.29 2.32 0.00	61.36 3.16 0.00	57.94 2.68 0.00	47.74 2.39 0.00	40.61 2.14 0.00	36.94 2.14 0.00	37.86 2.25 0.00	37.31 2.18 0.00	37.86 2.16 0.00	43.47 2.27 0.00	49.59 2.49 0.00	62.17 2.77 0.00	102.74 4.52 0.00	138.31 4.91 0.00	57.76 2.13 0.00	54.51 2.33 0.00	56.07 2.10 0.00	52.98 1.83 0.00
CE_NYC2_DRP 24202	48.26 2.67 0.00	44.42 2.33 0.00	40.07 2.10 0.00	45.89 2.32 0.00	41.24 2.20 0.00	47.39 2.73 0.00	43.49 2.51 0.00	61.49 3.28 0.00	58.06 2.80 0.00	47.99 2.64 0.00	40.87 2.41 0.00	37.19 2.40 0.00	38.13 2.52 0.00	37.58 2.45 0.00	38.12 2.42 0.00	43.74 2.54 0.00	49.82 2.73 0.00	62.23 2.82 0.00	102.83 4.62 0.00	138.28 4.89 0.00	57.83 2.20 0.00	54.65 2.46 0.00	56.13 2.16 0.00	53.05 1.89 0.00
CE_NYC_DRP 24195	48.50 2.90 0.00	44.70 2.61 0.00	40.33 2.36 0.00	46.18 2.62 0.00	41.50 2.45 0.00	47.55 2.90 0.00	43.63 2.66 0.00	61.74 3.54 0.00	58.33 3.06 0.00	48.15 2.80 0.00	40.99 2.53 0.00	37.28 2.49 0.00	38.22 2.61 0.00	37.68 2.55 0.00	38.23 2.54 0.00	43.87 2.66 0.00	49.96 2.87 0.00	62.51 3.11 0.00	103.31 5.09 0.00	138.96 5.56 0.00	58.06 2.43 0.00	54.84 2.66 0.00	56.35 2.38 0.00	53.25 2.09 0.00
CHAFFEE___LFGE 323603	43.71 -1.88 0.00	40.40 -1.68 0.00	36.48 -1.49 0.00	41.94 -1.63 0.00	37.79 -1.25 0.00	43.56 -1.09 0.00	39.13 -1.84 0.00	55.28 -2.93 0.00	52.89 -2.37 0.00	43.83 -1.52 0.00	37.37 -1.09 0.00	33.33 -1.46 0.00	34.13 -1.49 0.00	33.56 -1.57 0.00	34.05 -1.65 0.00	39.42 -1.78 0.00	44.70 -2.39 0.00	55.93 -3.47 0.00	94.05 -4.17 0.00	128.99 -4.40 0.00	53.29 -2.34 0.00	50.26 -1.92 0.00	53.13 -0.85 0.00	50.88 -0.28 0.00
CHATEAUG_35_KV_LOAD 355732	44.57 -1.03 0.00	41.16 -0.93 0.00	37.06 -0.91 0.00	42.51 -1.05 0.00	38.18 -0.87 0.00	43.77 -0.88 0.00	40.30 -0.68 0.00	57.47 -0.73 0.00	54.92 -0.34 0.00	45.22 -0.13 0.00	38.45 -0.01 0.00	34.76 -0.04 0.00	35.54 -0.07 0.00	35.13 0.00 0.00	35.69 -0.01 0.00	41.29 0.09 0.00	47.51 0.42 0.00	60.09 0.68 0.00	99.43 1.21 0.00	135.92 2.52 0.00	56.86 1.23 0.00	53.15 0.97 0.00	55.03 1.05 0.00	52.37 1.21 0.00
CHATEAUG_WT_PWR 323614	44.57 -1.02 0.00	41.18 -0.91 0.00	37.08 -0.89 0.00	42.53 -1.03 0.00	38.18 -0.86 0.00	43.76 -0.89 0.00	40.30 -0.67 0.00	57.44 -0.76 0.00	54.86 -0.40 0.00	45.17 -0.18 0.00	38.42 -0.05 0.00	34.73 -0.06 0.00	35.55 -0.06 0.00	35.12 -0.01 0.00	35.67 -0.03 0.00	41.24 0.04 0.00	47.43 0.34 0.00	59.97 0.56 0.00	99.13 0.91 0.00	135.46 2.07 0.00	56.67 1.04 0.00	52.99 0.80 0.00	54.87 0.89 0.00	52.22 1.06 0.00
CHAT_HIGH_FALL_HYD 323578	44.57 -1.03 0.00	41.16 -0.93 0.00	37.06 -0.91 0.00	42.51 -1.05 0.00	38.18 -0.87 0.00	43.77 -0.88 0.00	40.30 -0.68 0.00	57.47 -0.73 0.00	54.92 -0.34 0.00	45.22 -0.13 0.00	38.45 -0.01 0.00	34.76 -0.04 0.00	35.54 -0.07 0.00	35.13 0.00 0.00	35.69 -0.01 0.00	41.29 0.09 0.00	47.51 0.42 0.00	60.09 0.68 0.00	99.43 1.21 0.00	135.92 2.52 0.00	56.86 1.23 0.00	53.15 0.97 0.00	55.03 1.05 0.00	52.37 1.21 0.00
CHAUTAUQUA___LFGE 323629	43.58 -2.02 0.00	40.28 -1.81 0.00	36.39 -1.58 0.00	42.02 -1.55 0.00	37.90 -1.14 0.00	43.74 -0.91 0.00	39.43 -1.55 0.00	55.99 -2.21 0.00	53.43 -1.83 0.00	44.20 -1.15 0.00	37.66 -0.81 0.00	33.52 -1.27 0.00	34.34 -1.28 0.00	33.63 -1.51 0.00	34.01 -1.69 0.00	39.37 -1.83 0.00	44.92 -2.18 0.00	56.53 -2.88 0.00	95.26 -2.96 0.00	130.05 -3.34 0.00	53.63 -2.00 0.00	50.45 -1.73 0.00	53.54 -0.43 0.00	51.23 0.07 0.00
CHERRYST_13_KV_LD 356241	48.62 3.03 0.00	44.80 2.71 0.00	40.42 2.45 0.00	46.30 2.74 0.00	41.59 2.55 0.00	47.66 3.01 0.00	43.74 2.77 0.00	61.90 3.70 0.00	58.48 3.21 0.00	48.28 2.93 0.00	41.09 2.63 0.00	37.38 2.59 0.00	38.33 2.71 0.00	37.78 2.65 0.00	38.33 2.63 0.00	43.99 2.79 0.00	50.09 3.00 0.00	62.68 3.27 0.00	103.57 5.35 0.00	139.34 5.95 0.00	58.21 2.58 0.00	54.99 2.80 0.00	56.48 2.51 0.00	53.37 2.21 0.00

CHESTROR_138KV_BK263 355645	47.97 2.38 0.00	44.24 2.15 0.00	39.93 1.96 0.00	45.76 2.20 0.00	41.12 2.07 0.00	47.06 2.41 0.00	43.18 2.20 0.00	61.25 3.04 0.00	57.83 2.56 0.00	47.54 2.19 0.00	40.38 1.92 0.00	36.71 1.92 0.00	37.64 2.03 0.00	37.09 1.96 0.00	37.63 1.93 0.00	43.28 2.08 0.00	49.43 2.34 0.00	62.07 2.67 0.00	102.62 4.41 0.00	138.25 4.85 0.00	57.73 2.10 0.00	54.44 2.25 0.00	56.06 2.08 0.00	52.97 1.81 0.00
CH_MIDHUDSON___DRP 24192	48.09 2.50 0.00	44.34 2.25 0.00	39.99 2.02 0.00	45.83 2.27 0.00	41.16 2.11 0.00	47.11 2.46 0.00	43.25 2.28 0.00	61.33 3.12 0.00	57.94 2.67 0.00	47.68 2.33 0.00	40.50 2.04 0.00	36.81 2.02 0.00	37.72 2.10 0.00	37.18 2.05 0.00	37.74 2.04 0.00	43.38 2.18 0.00	49.53 2.43 0.00	62.20 2.79 0.00	102.75 4.53 0.00	138.55 5.16 0.00	57.84 2.21 0.00	54.51 2.33 0.00	56.10 2.12 0.00	53.01 1.85 0.00
CH_MISC_IPPS 23765	48.38 2.78 0.00	44.60 2.52 0.00	40.24 2.27 0.00	46.10 2.54 0.00	41.43 2.38 0.00	47.42 2.77 0.00	43.54 2.56 0.00	61.76 3.55 0.00	58.32 3.06 0.00	47.99 2.64 0.00	40.77 2.30 0.00	37.04 2.25 0.00	37.96 2.35 0.00	37.42 2.29 0.00	37.97 2.27 0.00	43.68 2.48 0.00	49.89 2.80 0.00	62.69 3.28 0.00	103.58 5.37 0.00	139.62 6.23 0.00	58.28 2.65 0.00	54.92 2.74 0.00	56.52 2.55 0.00	53.40 2.24 0.00
CH_RES_BVR_FALLS 23983	44.45 -1.14 0.00	41.07 -1.02 0.00	37.04 -0.93 0.00	42.53 -1.03 0.00	38.13 -0.91 0.00	43.70 -0.95 0.00	40.17 -0.80 0.00	57.18 -1.03 0.00	54.52 -0.75 0.00	44.73 -0.63 0.00	38.12 -0.35 0.00	34.58 -0.22 0.00	35.39 -0.22 0.00	34.90 -0.23 0.00	35.41 -0.29 0.00	41.07 -0.13 0.00	47.09 0.00 0.00	59.53 0.13 0.00	98.56 0.34 0.00	134.03 0.63 0.00	55.95 0.32 0.00	52.47 0.28 0.00	54.25 0.27 0.00	51.51 0.35 0.00
CH_RES_NIAGARA 23895	42.58 -3.01 0.00	39.54 -2.55 0.00	35.73 -2.24 0.00	41.04 -2.52 0.00	36.96 -2.08 0.00	42.51 -2.14 0.00	37.97 -3.01 0.00	53.42 -4.79 0.00	51.28 -3.99 0.00	42.58 -2.77 0.00	36.43 -2.03 0.00	32.52 -2.28 0.00	33.26 -2.35 0.00	32.79 -2.34 0.00	33.26 -2.44 0.00	38.42 -2.78 0.00	43.32 -3.77 0.00	53.68 -5.73 0.00	89.99 -8.23 0.00	123.42 -9.98 0.00	51.19 -4.44 0.00	48.38 -3.80 0.00	51.68 -2.30 0.00	49.86 -1.29 0.00
CH_RES_SYRACUSE 23985	45.18 -0.41 0.00	41.70 -0.39 0.00	37.63 -0.34 0.00	43.20 -0.36 0.00	38.69 -0.36 0.00	44.15 -0.50 0.00	40.51 -0.47 0.00	57.59 -0.61 0.00	54.66 -0.61 0.00	44.85 -0.50 0.00	38.02 -0.44 0.00	34.34 -0.46 0.00	35.16 -0.45 0.00	34.65 -0.49 0.00	35.24 -0.46 0.00	40.74 -0.46 0.00	46.54 -0.55 0.00	58.68 -0.72 0.00	97.27 -0.95 0.00	132.05 -1.34 0.00	54.97 -0.65 0.00	51.56 -0.62 0.00	53.41 -0.57 0.00	50.60 -0.56 0.00
CLINTON_WT_PWR 323605	44.57 -1.02 0.00	41.18 -0.91 0.00	37.08 -0.89 0.00	42.53 -1.03 0.00	38.18 -0.86 0.00	43.76 -0.89 0.00	40.30 -0.67 0.00	57.44 -0.76 0.00	54.86 -0.40 0.00	45.17 -0.18 0.00	38.42 -0.05 0.00	34.73 -0.06 0.00	35.55 -0.06 0.00	35.12 -0.01 0.00	35.67 -0.03 0.00	41.24 0.04 0.00	47.43 0.34 0.00	59.97 0.56 0.00	99.13 0.91 0.00	135.46 2.07 0.00	56.67 1.04 0.00	52.99 0.80 0.00	54.87 0.89 0.00	52.22 1.06 0.00
CLINTON___LFGE 323618	45.08 -0.51 0.00	41.60 -0.48 0.00	37.46 -0.51 0.00	43.00 -0.57 0.00	38.58 -0.46 0.00	44.20 -0.46 0.00	40.80 -0.18 0.00	58.20 -0.01 0.00	55.58 0.31 0.00	45.75 0.39 0.00	38.89 0.42 0.00	35.23 0.43 0.00	36.03 0.42 0.00	35.59 0.46 0.00	36.22 0.52 0.00	41.89 0.68 0.00	48.12 1.02 0.00	60.99 1.58 0.00	100.74 2.53 0.00	137.72 4.32 0.00	57.62 1.99 0.00	53.78 1.60 0.00	55.69 1.71 0.00	53.06 1.90 0.00
COBBLENY_34_KV_TB1 80064	43.69 -1.90 0.00	40.41 -1.68 0.00	36.48 -1.49 0.00	41.94 -1.63 0.00	37.79 -1.25 0.00	43.56 -1.09 0.00	39.13 -1.85 0.00	55.28 -2.92 0.00	52.90 -2.37 0.00	43.82 -1.53 0.00	37.37 -1.10 0.00	33.33 -1.47 0.00	34.13 -1.48 0.00	33.55 -1.58 0.00	34.05 -1.65 0.00	39.42 -1.78 0.00	44.70 -2.40 0.00	55.95 -3.46 0.00	94.05 -4.16 0.00	128.95 -4.44 0.00	53.32 -2.31 0.00	50.32 -1.87 0.00	53.14 -0.83 0.00	50.88 -0.28 0.00
COFFEEN___115KV_TB3 355620	44.62 -0.98 0.00	41.12 -0.97 0.00	37.21 -0.76 0.00	42.55 -1.01 0.00	38.22 -0.83 0.00	43.94 -0.71 0.00	40.88 -0.10 0.00	59.13 0.92 0.00	56.43 1.17 0.00	46.32 0.97 0.00	38.78 0.32 0.00	34.38 -0.42 0.00	34.82 -0.80 0.00	34.36 -0.77 0.00	35.36 -0.34 0.00	41.09 -0.12 0.00	47.85 0.75 0.00	61.18 1.78 0.00	101.79 3.58 0.00	138.15 4.76 0.00	57.54 1.91 0.00	53.83 1.65 0.00	55.52 1.54 0.00	52.35 1.19 0.00
COLDSPRG_115KV_BK1 355956	44.46 -1.13 0.00	41.10 -0.99 0.00	37.15 -0.82 0.00	42.92 -0.65 0.00	38.74 -0.31 0.00	44.66 0.01 0.00	40.38 -0.60 0.00	57.37 -0.83 0.00	54.62 -0.64 0.00	45.11 -0.24 0.00	38.35 -0.12 0.00	34.16 -0.64 0.00	35.03 -0.58 0.00	34.28 -0.85 0.00	34.69 -1.01 0.00	40.14 -1.07 0.00	45.86 -1.24 0.00	57.89 -1.52 0.00	97.46 -0.75 0.00	132.82 -0.57 0.00	54.81 -0.82 0.00	51.63 -0.55 0.00	54.58 0.60 0.00	52.03 0.87 0.00
COLONIE_LFGE___ 323577	47.01 1.42 0.00	43.34 1.25 0.00	39.11 1.14 0.00	44.85 1.29 0.00	40.15 1.11 0.00	45.90 1.24 0.00	42.26 1.28 0.00	59.98 1.78 0.00	56.62 1.35 0.00	46.17 0.82 0.00	38.96 0.50 0.00	35.30 0.50 0.00	36.04 0.42 0.00	35.55 0.42 0.00	36.19 0.49 0.00	41.68 0.47 0.00	47.62 0.52 0.00	60.40 1.00 0.00	99.34 1.13 0.00	134.98 1.59 0.00	56.25 0.61 0.00	52.64 0.46 0.00	54.29 0.31 0.00	51.38 0.22 0.00
COOPERNY_115KV_TB1 80082	47.41 1.82 0.00	43.74 1.65 0.00	39.47 1.50 0.00	45.25 1.69 0.00	40.64 1.60 0.00	46.51 1.86 0.00	42.68 1.70 0.00	60.59 2.38 0.00	57.26 2.00 0.00	47.05 1.70 0.00	39.92 1.46 0.00	36.22 1.42 0.00	37.15 1.53 0.00	36.60 1.47 0.00	37.15 1.45 0.00	42.79 1.58 0.00	48.87 1.77 0.00	61.43 2.03 0.00	101.51 3.29 0.00	137.15 3.76 0.00	57.25 1.62 0.00	53.91 1.72 0.00	55.59 1.62 0.00	52.56 1.40 0.00
COPENHAGEN_WT_PWR 323753	43.75 -1.85 0.00	40.33 -1.75 0.00	36.49 -1.49 0.00	41.73 -1.83 0.00	37.47 -1.57 0.00	43.05 -1.60 0.00	40.10 -0.87 0.00	58.06 -0.14 0.00	55.51 0.24 0.00	45.70 0.35 0.00	38.26 -0.21 0.00	33.93 -0.87 0.00	34.33 -1.29 0.00	33.95 -1.18 0.00	34.94 -0.75 0.00	40.51 -0.69 0.00	47.21 0.12 0.00	60.44 1.04 0.00	100.48 2.26 0.00	136.45 3.06 0.00	56.88 1.25 0.00	53.25 1.07 0.00	54.95 0.97 0.00	51.86 0.70 0.00
CORNELL_____ 23752	46.13 0.54 0.00	42.56 0.47 0.00	38.41 0.44 0.00	44.12 0.55 0.00	39.59 0.55 0.00	45.30 0.64 0.00	41.58 0.61 0.00	59.10 0.90 0.00	56.09 0.82 0.00	45.93 0.58 0.00	38.87 0.41 0.00	34.92 0.13 0.00	35.86 0.24 0.00	35.36 0.22 0.00	35.99 0.29 0.00	41.67 0.46 0.00	47.64 0.55 0.00	60.20 0.79 0.00	100.06 1.85 0.00	135.90 2.51 0.00	56.54 0.91 0.00	53.04 0.85 0.00	54.97 0.99 0.00	52.06 0.90 0.00

CORONAAV_69_KV_TB1 355595	55.87 2.79 -7.48	44.70 2.61 0.00	40.38 2.42 0.00	46.16 2.59 0.00	41.56 2.51 0.00	47.66 3.01 0.00	43.26 2.00 -0.28	89.91 2.66 -29.05	86.69 2.54 -28.89	48.26 2.91 0.00	47.07 3.00 -5.61	55.34 2.93 -17.61	38.78 2.89 -0.27	94.81 2.99 -56.69	43.78 2.76 -5.32	43.68 2.39 -0.08	50.67 2.69 -0.88	96.61 3.44 -33.76	125.90 4.37 -23.31	137.88 4.21 -0.28	58.34 2.02 -0.69	54.58 2.40 0.00	56.15 2.18 0.00	53.08 1.92 0.00
CORTLAND_115KV_TB3 80093	45.85 0.25 0.00	42.31 0.22 0.00	38.18 0.21 0.00	43.85 0.28 0.00	39.33 0.29 0.00	44.97 0.32 0.00	41.28 0.30 0.00	58.69 0.49 0.00	55.65 0.38 0.00	45.62 0.27 0.00	38.65 0.18 0.00	34.89 0.09 0.00	35.73 0.11 0.00	35.21 0.08 0.00	35.82 0.12 0.00	41.45 0.24 0.00	47.38 0.28 0.00	59.81 0.41 0.00	99.07 0.86 0.00	134.47 1.07 0.00	55.97 0.34 0.00	52.54 0.36 0.00	54.39 0.41 0.00	51.50 0.34 0.00
COXSACKIE___GT 23611	48.19 2.60 0.00	44.42 2.33 0.00	40.02 2.06 0.00	45.91 2.34 0.00	41.15 2.10 0.00	47.08 2.43 0.00	43.37 2.39 0.00	61.80 3.59 0.00	58.40 3.13 0.00	47.21 1.86 0.00	40.10 1.63 0.00	36.28 1.48 0.00	36.93 1.32 0.00	36.19 1.05 0.00	36.93 1.23 0.00	42.47 1.27 0.00	48.68 1.58 0.00	62.54 3.14 0.00	103.90 5.68 0.00	140.71 7.31 0.00	58.57 2.94 0.00	54.79 2.60 0.00	56.41 2.44 0.00	53.28 2.12 0.00
CPV_VALLEY___CC1 323721	47.94 2.35 0.00	44.21 2.12 0.00	39.90 1.93 0.00	45.74 2.17 0.00	41.09 2.04 0.00	47.03 2.37 0.00	43.14 2.17 0.00	61.19 2.99 0.00	57.78 2.51 0.00	47.54 2.19 0.00	40.39 1.93 0.00	36.72 1.93 0.00	37.66 2.05 0.00	37.10 1.97 0.00	37.64 1.95 0.00	43.28 2.08 0.00	49.40 2.31 0.00	62.02 2.62 0.00	102.48 4.27 0.00	138.03 4.64 0.00	57.65 2.02 0.00	54.37 2.18 0.00	55.98 2.01 0.00	52.89 1.73 0.00
CPV_VALLEY___CC2 323722	47.94 2.35 0.00	44.21 2.12 0.00	39.90 1.93 0.00	45.74 2.17 0.00	41.09 2.04 0.00	47.03 2.37 0.00	43.14 2.17 0.00	61.19 2.99 0.00	57.78 2.51 0.00	47.54 2.19 0.00	40.39 1.93 0.00	36.72 1.93 0.00	37.66 2.05 0.00	37.10 1.97 0.00	37.64 1.95 0.00	43.28 2.08 0.00	49.40 2.31 0.00	62.02 2.62 0.00	102.48 4.27 0.00	138.03 4.64 0.00	57.65 2.02 0.00	54.37 2.18 0.00	55.98 2.01 0.00	52.89 1.73 0.00
CRESCENT___HYD 24018	47.01 1.42 0.00	43.34 1.25 0.00	39.11 1.14 0.00	44.85 1.29 0.00	40.15 1.11 0.00	45.90 1.24 0.00	42.26 1.28 0.00	59.98 1.78 0.00	56.62 1.35 0.00	46.17 0.82 0.00	38.96 0.50 0.00	35.30 0.50 0.00	36.04 0.42 0.00	35.55 0.42 0.00	36.19 0.49 0.00	41.68 0.47 0.00	47.62 0.52 0.00	60.40 1.00 0.00	99.34 1.13 0.00	134.98 1.59 0.00	56.25 0.61 0.00	52.64 0.46 0.00	54.29 0.31 0.00	51.38 0.22 0.00
CRICKET___VALLEY_CC1 323756	47.60 2.01 0.00	43.91 1.82 0.00	39.61 1.64 0.00	45.40 1.83 0.00	40.77 1.73 0.00	46.66 2.01 0.00	42.82 1.84 0.00	60.67 2.47 0.00	57.31 2.04 0.00	47.20 1.85 0.00	40.12 1.65 0.00	36.48 1.68 0.00	37.38 1.77 0.00	36.84 1.70 0.00	37.39 1.69 0.00	42.94 1.73 0.00	48.99 1.89 0.00	61.48 2.07 0.00	101.50 3.29 0.00	136.81 3.42 0.00	57.14 1.51 0.00	53.89 1.71 0.00	55.45 1.47 0.00	52.40 1.24 0.00
CRICKET___VALLEY_CC2 323757	47.60 2.01 0.00	43.91 1.82 0.00	39.61 1.64 0.00	45.40 1.83 0.00	40.77 1.73 0.00	46.66 2.01 0.00	42.82 1.84 0.00	60.67 2.47 0.00	57.31 2.04 0.00	47.20 1.85 0.00	40.12 1.65 0.00	36.48 1.68 0.00	37.38 1.77 0.00	36.84 1.70 0.00	37.39 1.69 0.00	42.94 1.73 0.00	48.99 1.89 0.00	61.48 2.07 0.00	101.50 3.29 0.00	136.81 3.42 0.00	57.14 1.51 0.00	53.89 1.71 0.00	55.45 1.47 0.00	52.40 1.24 0.00
CRICKET___VALLEY_CC3 323758	47.60 2.01 0.00	43.91 1.82 0.00	39.61 1.64 0.00	45.40 1.83 0.00	40.77 1.73 0.00	46.66 2.01 0.00	42.82 1.84 0.00	60.67 2.47 0.00	57.31 2.04 0.00	47.20 1.85 0.00	40.12 1.65 0.00	36.48 1.68 0.00	37.38 1.77 0.00	36.84 1.70 0.00	37.39 1.69 0.00	42.94 1.73 0.00	48.99 1.89 0.00	61.48 2.07 0.00	101.50 3.29 0.00	136.81 3.42 0.00	57.14 1.51 0.00	53.89 1.71 0.00	55.45 1.47 0.00	52.40 1.24 0.00
CRUCIBLE_METL_DRP 24180	45.18 -0.41 0.00	41.70 -0.39 0.00	37.63 -0.34 0.00	43.20 -0.36 0.00	38.69 -0.36 0.00	44.15 -0.50 0.00	40.51 -0.47 0.00	57.59 -0.61 0.00	54.66 -0.61 0.00	44.85 -0.50 0.00	38.02 -0.45 0.00	34.34 -0.46 0.00	35.16 -0.45 0.00	34.65 -0.49 0.00	35.24 -0.46 0.00	40.74 -0.46 0.00	46.54 -0.56 0.00	58.68 -0.72 0.00	97.27 -0.95 0.00	132.05 -1.34 0.00	54.98 -0.65 0.00	51.56 -0.62 0.00	53.41 -0.57 0.00	50.60 -0.56 0.00
DAHOWA___HYDRO 323763	47.46 1.87 0.00	43.74 1.65 0.00	39.44 1.48 0.00	45.23 1.67 0.00	40.51 1.46 0.00	46.31 1.66 0.00	42.74 1.76 0.00	60.70 2.50 0.00	57.35 2.08 0.00	46.65 1.30 0.00	39.28 0.81 0.00	35.58 0.78 0.00	36.27 0.66 0.00	35.84 0.70 0.00	36.50 0.80 0.00	42.13 0.93 0.00	48.29 1.19 0.00	61.61 2.20 0.00	101.23 3.01 0.00	137.54 4.15 0.00	57.20 1.56 0.00	53.44 1.26 0.00	55.14 1.16 0.00	52.18 1.03 0.00
DANC___LFGE 323619	44.13 -1.46 0.00	40.71 -1.38 0.00	36.79 -1.18 0.00	42.13 -1.43 0.00	37.80 -1.25 0.00	43.30 -1.35 0.00	40.06 -0.91 0.00	57.65 -0.56 0.00	54.98 -0.29 0.00	45.20 -0.15 0.00	38.01 -0.46 0.00	33.94 -0.86 0.00	34.49 -1.13 0.00	34.06 -1.07 0.00	34.89 -0.81 0.00	40.41 -0.79 0.00	46.75 -0.34 0.00	59.46 0.06 0.00	98.74 0.53 0.00	134.08 0.69 0.00	55.89 0.26 0.00	52.38 0.19 0.00	54.11 0.14 0.00	51.15 -0.01 0.00
DANSKAMMER___1 23586	48.38 2.78 0.00	44.60 2.52 0.00	40.24 2.27 0.00	46.10 2.54 0.00	41.43 2.38 0.00	47.42 2.77 0.00	43.54 2.56 0.00	61.76 3.55 0.00	58.32 3.06 0.00	47.99 2.64 0.00	40.77 2.30 0.00	37.04 2.25 0.00	37.96 2.35 0.00	37.42 2.29 0.00	37.97 2.27 0.00	43.68 2.48 0.00	49.89 2.80 0.00	62.69 3.28 0.00	103.58 5.37 0.00	139.62 6.23 0.00	58.28 2.65 0.00	54.92 2.74 0.00	56.52 2.55 0.00	53.40 2.24 0.00
DANSKAMMER___2 23589	48.38 2.78 0.00	44.60 2.52 0.00	40.24 2.27 0.00	46.10 2.54 0.00	41.43 2.38 0.00	47.42 2.77 0.00	43.54 2.56 0.00	61.76 3.55 0.00	58.32 3.06 0.00	47.99 2.64 0.00	40.77 2.30 0.00	37.04 2.25 0.00	37.96 2.35 0.00	37.42 2.29 0.00	37.97 2.27 0.00	43.68 2.48 0.00	49.89 2.80 0.00	62.69 3.28 0.00	103.58 5.37 0.00	139.62 6.23 0.00	58.28 2.65 0.00	54.92 2.74 0.00	56.52 2.55 0.00	53.40 2.24 0.00
DANSKAMMER___3 23590	48.38 2.78 0.00	44.60 2.52 0.00	40.24 2.27 0.00	46.10 2.54 0.00	41.43 2.38 0.00	47.42 2.77 0.00	43.54 2.56 0.00	61.76 3.55 0.00	58.32 3.06 0.00	47.99 2.64 0.00	40.77 2.30 0.00	37.04 2.25 0.00	37.96 2.35 0.00	37.42 2.29 0.00	37.97 2.27 0.00	43.68 2.48 0.00	49.89 2.80 0.00	62.69 3.28 0.00	103.58 5.37 0.00	139.62 6.23 0.00	58.28 2.65 0.00	54.92 2.74 0.00	56.52 2.55 0.00	53.40 2.24 0.00

DANSKAMMER___4 23591	48.38 2.78 0.00	44.60 2.52 0.00	40.24 2.27 0.00	46.10 2.54 0.00	41.43 2.38 0.00	47.42 2.77 0.00	43.54 2.56 0.00	61.76 3.55 0.00	58.32 3.06 0.00	47.99 2.64 0.00	40.77 2.30 0.00	37.04 2.25 0.00	37.96 2.35 0.00	37.42 2.29 0.00	37.97 2.27 0.00	43.68 2.48 0.00	49.89 2.80 0.00	62.69 3.28 0.00	103.58 5.37 0.00	139.62 6.23 0.00	58.28 2.65 0.00	54.92 2.74 0.00	56.52 2.55 0.00	53.40 2.24 0.00
DANSKAMMER___DIESEL 23592	48.38 2.79 0.00	44.60 2.52 0.00	40.24 2.27 0.00	46.11 2.54 0.00	41.43 2.38 0.00	47.42 2.77 0.00	43.53 2.56 0.00	61.76 3.55 0.00	58.32 3.05 0.00	47.99 2.64 0.00	40.76 2.30 0.00	37.04 2.25 0.00	37.97 2.35 0.00	37.42 2.29 0.00	37.97 2.27 0.00	43.68 2.48 0.00	49.89 2.80 0.00	62.69 3.28 0.00	103.58 5.37 0.00	139.62 6.23 0.00	58.28 2.65 0.00	54.92 2.74 0.00	56.52 2.55 0.00	53.39 2.24 0.00
DARBY___SOLAR 323810	47.33 1.74 0.00	43.63 1.55 0.00	39.34 1.37 0.00	45.12 1.56 0.00	40.41 1.36 0.00	46.21 1.56 0.00	42.62 1.64 0.00	60.50 2.30 0.00	57.15 1.89 0.00	46.53 1.18 0.00	39.19 0.73 0.00	35.48 0.69 0.00	36.21 0.59 0.00	35.78 0.65 0.00	36.44 0.74 0.00	42.06 0.85 0.00	48.15 1.06 0.00	61.36 1.95 0.00	100.91 2.69 0.00	137.07 3.68 0.00	57.02 1.39 0.00	53.30 1.12 0.00	55.00 1.02 0.00	52.07 0.91 0.00
DASHVILLE___HYD 23610	47.57 1.97 0.00	43.88 1.79 0.00	39.57 1.60 0.00	45.36 1.79 0.00	40.72 1.68 0.00	46.60 1.95 0.00	42.79 1.82 0.00	60.71 2.50 0.00	57.39 2.12 0.00	47.18 1.83 0.00	40.03 1.56 0.00	36.34 1.55 0.00	37.24 1.63 0.00	36.73 1.60 0.00	37.28 1.58 0.00	42.90 1.70 0.00	48.98 1.88 0.00	61.63 2.22 0.00	101.80 3.58 0.00	137.49 4.10 0.00	57.41 1.78 0.00	54.04 1.86 0.00	55.63 1.65 0.00	52.59 1.43 0.00
DELAWARE___LFGE 323621	46.67 1.07 0.00	43.06 0.98 0.00	38.85 0.88 0.00	44.58 1.02 0.00	40.03 0.98 0.00	45.82 1.17 0.00	42.07 1.10 0.00	59.77 1.57 0.00	56.65 1.38 0.00	46.53 1.18 0.00	39.48 1.02 0.00	35.72 0.92 0.00	36.58 0.96 0.00	36.04 0.91 0.00	36.60 0.91 0.00	42.28 1.08 0.00	48.32 1.23 0.00	60.92 1.51 0.00	100.61 2.39 0.00	136.41 3.02 0.00	56.93 1.30 0.00	53.47 1.29 0.00	55.26 1.28 0.00	52.30 1.14 0.00
DERFIELD_115KV_TB7 355931	45.77 0.17 0.00	42.23 0.14 0.00	38.12 0.15 0.00	43.72 0.16 0.00	39.19 0.15 0.00	44.81 0.16 0.00	41.14 0.16 0.00	58.46 0.25 0.00	55.41 0.14 0.00	45.41 0.06 0.00	38.49 0.03 0.00	34.83 0.03 0.00	35.65 0.04 0.00	35.17 0.03 0.00	35.73 0.04 0.00	41.24 0.04 0.00	47.17 0.07 0.00	59.52 0.12 0.00	98.31 0.10 0.00	133.47 0.08 0.00	55.68 0.05 0.00	52.24 0.05 0.00	53.98 0.00 0.00	51.13 -0.02 0.00
DOGLEVILLE___HYD 23807	47.97 2.37 0.00	44.18 2.09 0.00	39.84 1.87 0.00	45.67 2.11 0.00	41.01 1.97 0.00	47.03 2.38 0.00	43.35 2.37 0.00	61.64 3.43 0.00	57.67 2.40 0.00	46.45 1.10 0.00	39.09 0.63 0.00	35.53 0.74 0.00	36.43 0.82 0.00	35.77 0.64 0.00	36.37 0.67 0.00	42.25 1.05 0.00	48.80 1.71 0.00	62.11 2.71 0.00	103.13 4.92 0.00	140.06 6.67 0.00	58.30 2.67 0.00	54.64 2.46 0.00	56.23 2.26 0.00	53.01 1.85 0.00
DUNKIRK__115KV_TB_200 55889	43.57 -2.03 0.00	40.30 -1.79 0.00	36.39 -1.57 0.00	42.00 -1.56 0.00	37.89 -1.15 0.00	43.72 -0.93 0.00	39.39 -1.58 0.00	55.94 -2.26 0.00	53.36 -1.91 0.00	44.13 -1.22 0.00	37.61 -0.85 0.00	33.51 -1.29 0.00	34.33 -1.28 0.00	33.62 -1.52 0.00	34.02 -1.68 0.00	39.38 -1.83 0.00	44.89 -2.20 0.00	56.45 -2.95 0.00	95.06 -3.15 0.00	129.86 -3.53 0.00	53.58 -2.05 0.00	50.44 -1.75 0.00	53.47 -0.51 0.00	51.15 -0.01 0.00
DUNKIRK___1 23563	43.57 -2.03 0.00	40.30 -1.79 0.00	36.39 -1.57 0.00	42.00 -1.56 0.00	37.89 -1.15 0.00	43.72 -0.93 0.00	39.39 -1.58 0.00	55.94 -2.26 0.00	53.36 -1.91 0.00	44.13 -1.22 0.00	37.61 -0.85 0.00	33.51 -1.29 0.00	34.33 -1.28 0.00	33.62 -1.52 0.00	34.02 -1.68 0.00	39.38 -1.83 0.00	44.89 -2.20 0.00	56.45 -2.95 0.00	95.06 -3.15 0.00	129.86 -3.53 0.00	53.58 -2.05 0.00	50.44 -1.75 0.00	53.47 -0.51 0.00	51.15 -0.01 0.00
DUNKIRK___2 23564	43.57 -2.03 0.00	40.30 -1.79 0.00	36.39 -1.57 0.00	42.00 -1.56 0.00	37.89 -1.15 0.00	43.72 -0.93 0.00	39.39 -1.58 0.00	55.94 -2.26 0.00	53.36 -1.91 0.00	44.13 -1.22 0.00	37.61 -0.85 0.00	33.51 -1.29 0.00	34.33 -1.28 0.00	33.62 -1.52 0.00	34.02 -1.68 0.00	39.38 -1.83 0.00	44.89 -2.20 0.00	56.45 -2.95 0.00	95.06 -3.15 0.00	129.86 -3.53 0.00	53.58 -2.05 0.00	50.44 -1.75 0.00	53.47 -0.51 0.00	51.15 -0.01 0.00
DUNKIRK___3 23565	43.53 -2.07 0.00	40.26 -1.83 0.00	36.37 -1.60 0.00	41.92 -1.64 0.00	37.81 -1.23 0.00	43.60 -1.05 0.00	39.26 -1.72 0.00	55.66 -2.55 0.00	53.10 -2.17 0.00	43.92 -1.43 0.00	37.44 -1.03 0.00	33.39 -1.41 0.00	34.20 -1.41 0.00	33.54 -1.59 0.00	33.97 -1.73 0.00	39.33 -1.87 0.00	44.75 -2.35 0.00	56.17 -3.23 0.00	94.50 -3.72 0.00	129.23 -4.16 0.00	53.35 -2.28 0.00	50.27 -1.92 0.00	53.22 -0.75 0.00	50.90 -0.26 0.00
DUNKIRK___4 23566	43.53 -2.07 0.00	40.26 -1.83 0.00	36.37 -1.60 0.00	41.92 -1.64 0.00	37.81 -1.23 0.00	43.60 -1.05 0.00	39.26 -1.72 0.00	55.66 -2.55 0.00	53.10 -2.17 0.00	43.92 -1.43 0.00	37.44 -1.03 0.00	33.39 -1.41 0.00	34.20 -1.41 0.00	33.54 -1.59 0.00	33.97 -1.73 0.00	39.33 -1.87 0.00	44.75 -2.35 0.00	56.17 -3.23 0.00	94.50 -3.72 0.00	129.23 -4.16 0.00	53.35 -2.28 0.00	50.27 -1.92 0.00	53.22 -0.75 0.00	50.90 -0.26 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.26 2.67 0.00	44.49 2.40 0.00	40.14 2.17 0.00	45.98 2.42 0.00	41.31 2.27 0.00	47.29 2.64 0.00	43.38 2.40 0.00	61.45 3.25 0.00	58.05 2.78 0.00	47.88 2.53 0.00	40.75 2.29 0.00	37.08 2.29 0.00	38.01 2.39 0.00	37.45 2.32 0.00	38.00 2.31 0.00	43.59 2.39 0.00	49.70 2.61 0.00	62.28 2.87 0.00	102.85 4.64 0.00	138.47 5.08 0.00	57.85 2.22 0.00	54.61 2.42 0.00	56.14 2.16 0.00	53.04 1.88 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.18 2.59 0.00	44.43 2.34 0.00	40.08 2.11 0.00	45.94 2.37 0.00	41.28 2.23 0.00	47.24 2.59 0.00	43.35 2.38 0.00	61.51 3.30 0.00	58.08 2.81 0.00	47.77 2.42 0.00	40.57 2.11 0.00	36.88 2.08 0.00	37.81 2.20 0.00	37.26 2.13 0.00	37.81 2.11 0.00	43.48 2.28 0.00	49.67 2.57 0.00	62.38 2.98 0.00	103.14 4.92 0.00	138.95 5.56 0.00	58.01 2.38 0.00	54.69 2.51 0.00	56.30 2.33 0.00	53.18 2.03 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	48.16 2.57 0.00	44.11 2.02 0.00	39.80 1.83 0.00	45.57 2.00 0.00	40.95 1.91 0.00	47.36 2.71 0.00	43.51 2.53 0.00	61.52 3.32 0.00	58.15 2.89 0.00	48.03 2.68 0.00	40.87 2.41 0.00	37.16 2.36 0.00	38.12 2.51 0.00	37.55 2.42 0.00	38.06 2.36 0.00	43.71 2.51 0.00	49.78 2.68 0.00	62.27 2.87 0.00	102.97 4.76 0.00	138.52 5.13 0.00	57.96 2.33 0.00	54.76 2.57 0.00	56.23 2.26 0.00	53.14 1.99 0.00

E179THST_13_KV_LOAD 356214	48.34 2.75 0.00	44.26 2.17 0.00	39.92 1.95 0.00	45.72 2.16 0.00	41.09 2.05 0.00	47.52 2.87 0.00	43.65 2.68 0.00	61.75 3.54 0.00	58.36 3.10 0.00	48.22 2.87 0.00	41.04 2.57 0.00	37.31 2.51 0.00	38.29 2.67 0.00	37.71 2.57 0.00	38.23 2.53 0.00	43.90 2.69 0.00	50.00 2.91 0.00	62.55 3.15 0.00	103.46 5.24 0.00	139.18 5.79 0.00	58.20 2.57 0.00	55.00 2.81 0.00	56.46 2.49 0.00	53.37 2.22 0.00
EAST HAMPTON___GT 23717	40.10 1.58 7.08	44.27 2.19 0.00	39.97 2.01 0.00	45.62 2.06 0.00	41.12 2.07 0.00	47.25 2.61 0.00	20.61 -0.59 19.78	16.76 -1.05 40.39	15.78 -0.79 38.70	28.84 -0.06 16.46	-17.71 0.67 56.85	-12.79 0.84 48.43	35.45 1.30 1.47	36.97 1.56 -0.27	30.54 1.61 6.76	42.23 1.12 0.09	46.85 1.43 1.68	29.70 1.56 31.27	63.04 0.37 35.54	121.16 -3.23 9.00	30.10 -0.85 24.68	29.38 -0.41 22.40	51.56 -0.80 1.62	33.76 -1.42 15.98
EAST RIVER___6 23660	48.56 2.97 0.00	44.76 2.67 0.00	40.38 2.41 0.00	46.22 2.65 0.00	41.51 2.47 0.00	47.55 2.90 0.00	43.69 2.71 0.00	61.80 3.60 0.00	58.37 3.11 0.00	48.21 2.85 0.00	41.01 2.54 0.00	37.31 2.51 0.00	38.25 2.64 0.00	37.72 2.59 0.00	38.29 2.59 0.00	43.94 2.74 0.00	50.01 2.91 0.00	62.55 3.15 0.00	103.32 5.11 0.00	138.96 5.56 0.00	58.04 2.41 0.00	54.83 2.64 0.00	56.32 2.34 0.00	53.21 2.05 0.00
EAST RIVER___7 23524	48.56 2.97 0.00	44.76 2.67 0.00	40.38 2.41 0.00	46.22 2.65 0.00	41.51 2.47 0.00	47.55 2.90 0.00	43.69 2.71 0.00	61.80 3.60 0.00	58.37 3.11 0.00	48.21 2.85 0.00	41.01 2.54 0.00	37.31 2.51 0.00	38.25 2.64 0.00	37.72 2.59 0.00	38.29 2.59 0.00	43.94 2.74 0.00	50.01 2.91 0.00	62.55 3.15 0.00	103.32 5.11 0.00	138.96 5.56 0.00	58.04 2.41 0.00	54.83 2.64 0.00	56.32 2.34 0.00	53.21 2.05 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.19 2.60 0.00	44.42 2.33 0.00	40.09 2.12 0.00	45.93 2.37 0.00	41.27 2.23 0.00	47.25 2.60 0.00	43.34 2.36 0.00	61.42 3.21 0.00	57.99 2.73 0.00	47.80 2.44 0.00	40.66 2.20 0.00	36.99 2.20 0.00	37.92 2.31 0.00	37.37 2.24 0.00	37.91 2.22 0.00	43.52 2.32 0.00	49.64 2.54 0.00	62.23 2.83 0.00	102.81 4.59 0.00	138.40 5.01 0.00	57.81 2.18 0.00	54.57 2.38 0.00	56.12 2.15 0.00	53.03 1.87 0.00
EAST_HAMPTON___DIESEL 23722	40.03 1.51 7.08	44.26 2.18 0.00	39.96 1.99 0.00	45.60 2.04 0.00	41.10 2.05 0.00	47.22 2.57 0.00	20.48 -0.72 19.77	16.57 -1.25 40.39	15.57 -0.99 38.70	28.69 -0.21 16.45	-17.82 0.54 56.82	-12.89 0.72 48.41	35.36 1.21 1.47	36.90 1.48 -0.29	30.49 1.55 6.76	42.15 1.04 0.09	46.75 1.34 1.68	29.56 1.42 31.27	62.75 0.08 35.54	120.66 -3.73 9.00	29.93 -1.02 24.68	29.18 -0.61 22.40	51.38 -0.98 1.62	33.57 -1.61 15.98
EAST_POINT___SOLAR 323840	46.54 0.94 0.00	43.02 0.93 0.00	38.78 0.81 0.00	44.51 0.95 0.00	39.91 0.87 0.00	45.84 1.19 0.00	42.11 1.13 0.00	60.13 1.93 0.00	56.59 1.32 0.00	46.28 0.93 0.00	39.19 0.72 0.00	35.24 0.45 0.00	35.95 0.34 0.00	35.22 0.09 0.00	35.64 -0.06 0.00	41.85 0.64 0.00	48.57 1.47 0.00	61.65 2.25 0.00	102.19 3.98 0.00	138.69 5.29 0.00	57.84 2.20 0.00	54.01 1.82 0.00	55.78 1.80 0.00	52.84 1.68 0.00
EAST_PULASKI___ESR 323781	44.53 -1.07 0.00	41.08 -1.01 0.00	37.09 -0.88 0.00	42.53 -1.03 0.00	38.13 -0.91 0.00	43.56 -1.09 0.00	40.06 -0.92 0.00	57.29 -0.92 0.00	54.46 -0.80 0.00	44.75 -0.60 0.00	37.78 -0.68 0.00	33.97 -0.83 0.00	34.66 -0.96 0.00	34.17 -0.96 0.00	34.85 -0.85 0.00	40.34 -0.87 0.00	46.32 -0.77 0.00	58.57 -0.83 0.00	97.11 -1.11 0.00	131.78 -1.61 0.00	54.93 -0.70 0.00	51.56 -0.63 0.00	53.34 -0.64 0.00	50.46 -0.70 0.00
EAST_RIVER___1 323558	48.49 2.90 0.00	44.70 2.62 0.00	40.33 2.36 0.00	46.18 2.62 0.00	41.50 2.45 0.00	47.55 2.90 0.00	43.63 2.66 0.00	61.74 3.54 0.00	58.33 3.06 0.00	48.15 2.81 0.00	40.99 2.53 0.00	37.28 2.49 0.00	38.22 2.61 0.00	37.67 2.54 0.00	38.23 2.53 0.00	43.87 2.67 0.00	49.96 2.87 0.00	62.51 3.11 0.00	103.30 5.09 0.00	138.96 5.56 0.00	58.07 2.44 0.00	54.85 2.67 0.00	56.36 2.38 0.00	53.25 2.10 0.00
EAST_RIVER___2 323559	48.56 2.97 0.00	44.76 2.67 0.00	40.38 2.41 0.00	46.22 2.65 0.00	41.51 2.47 0.00	47.55 2.90 0.00	43.69 2.71 0.00	61.80 3.60 0.00	58.37 3.11 0.00	48.21 2.85 0.00	41.01 2.54 0.00	37.31 2.51 0.00	38.25 2.64 0.00	37.72 2.59 0.00	38.29 2.59 0.00	43.94 2.74 0.00	50.01 2.91 0.00	62.55 3.15 0.00	103.32 5.11 0.00	138.96 5.56 0.00	58.04 2.41 0.00	54.83 2.64 0.00	56.32 2.34 0.00	53.21 2.05 0.00
EAST___DELAWARE_HYD 23607	47.33 1.74 0.00	43.65 1.57 0.00	39.36 1.40 0.00	45.12 1.56 0.00	40.54 1.49 0.00	46.41 1.76 0.00	42.65 1.67 0.00	60.58 2.37 0.00	57.23 1.96 0.00	46.99 1.64 0.00	39.83 1.37 0.00	36.14 1.35 0.00	37.12 1.50 0.00	36.61 1.49 0.00	37.11 1.41 0.00	42.78 1.58 0.00	48.96 1.87 0.00	61.55 2.15 0.00	101.88 3.67 0.00	137.45 4.06 0.00	57.37 1.75 0.00	54.03 1.84 0.00	55.63 1.65 0.00	52.51 1.35 0.00
EIGHT_POINT___WT_PWR 323820	42.43 -3.17 0.00	39.31 -2.78 0.00	35.72 -2.25 0.00	41.21 -2.35 0.00	37.32 -1.72 0.00	43.21 -1.44 0.00	39.24 -1.74 0.00	55.29 -2.91 0.00	52.55 -2.72 0.00	42.73 -2.62 0.00	35.62 -2.84 0.00	31.74 -3.06 0.00	32.75 -2.86 0.00	32.28 -2.85 0.00	32.91 -2.79 0.00	38.44 -2.76 0.00	44.46 -2.63 0.00	56.13 -3.28 0.00	95.31 -2.91 0.00	131.31 -2.09 0.00	54.18 -1.45 0.00	51.21 -0.97 0.00	53.97 0.00 0.00	51.36 0.20 0.00
ELBRIDGE_115KV_TB2 80188	44.93 -0.66 0.00	41.47 -0.62 0.00	37.42 -0.55 0.00	42.98 -0.58 0.00	38.48 -0.56 0.00	43.92 -0.73 0.00	40.30 -0.67 0.00	57.26 -0.95 0.00	54.34 -0.93 0.00	44.57 -0.78 0.00	37.82 -0.65 0.00	34.14 -0.65 0.00	34.97 -0.65 0.00	34.47 -0.66 0.00	35.05 -0.64 0.00	40.51 -0.70 0.00	46.23 -0.86 0.00	58.28 -1.13 0.00	96.68 -1.54 0.00	131.32 -2.07 0.00	54.68 -0.95 0.00	51.24 -0.94 0.00	53.09 -0.89 0.00	50.32 -0.84 0.00
ELEC_TRO_TEK 24086	48.11 2.52 0.00	44.47 2.38 0.00	40.19 2.22 0.00	45.92 2.36 0.00	41.35 2.31 0.00	47.42 2.77 0.00	42.93 1.86 -0.09	76.99 2.50 -16.28	73.90 2.37 -16.27	48.06 2.71 0.00	46.74 2.80 -5.47	54.73 2.76 -17.18	38.57 2.70 -0.27	93.20 2.80 -55.28	43.45 2.56 -5.19	43.37 2.17 0.00	50.11 2.49 -0.52	65.12 3.10 -2.61	113.98 3.92 -11.84	136.06 3.57 0.91	54.93 1.79 2.49	50.87 2.12 3.44	55.60 1.88 0.26	50.24 1.62 2.54
ELLENBURG_WT_PWR 323604	44.57 -1.02 0.00	41.18 -0.91 0.00	37.08 -0.89 0.00	42.53 -1.03 0.00	38.18 -0.86 0.00	43.76 -0.89 0.00	40.30 -0.67 0.00	57.44 -0.76 0.00	54.86 -0.40 0.00	45.17 -0.18 0.00	38.42 -0.05 0.00	34.73 -0.06 0.00	35.55 -0.06 0.00	35.12 -0.01 0.00	35.67 -0.03 0.00	41.24 0.04 0.00	47.43 0.34 0.00	59.97 0.56 0.00	99.13 0.91 0.00	135.46 2.07 0.00	56.67 1.04 0.00	52.99 0.80 0.00	54.87 0.89 0.00	52.22 1.06 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.34 -2.26 0.00	40.15 -1.94 0.00	36.26 -1.70 0.00	41.71 -1.86 0.00	37.58 -1.47 0.00	43.30 -1.35 0.00	38.82 -2.15 0.00	54.79 -3.42 0.00	52.49 -2.78 0.00	43.50 -1.85 0.00	37.14 -1.33 0.00	33.12 -1.68 0.00	33.92 -1.70 0.00	33.37 -1.76 0.00	33.85 -1.85 0.00	39.15 -2.06 0.00	44.36 -2.74 0.00	55.43 -3.98 0.00	93.10 -5.12 0.00	127.55 -5.84 0.00	52.81 -2.82 0.00	49.83 -2.36 0.00	52.73 -1.25 0.00	50.56 -0.60 0.00
EMPIRE_CC_1 323656	46.55 0.95 0.00	42.95 0.86 0.00	38.75 0.78 0.00	44.40 0.84 0.00	39.72 0.67 0.00	45.42 0.77 0.00	41.80 0.82 0.00	59.24 1.04 0.00	55.89 0.62 0.00	45.65 0.30 0.00	38.55 0.08 0.00	34.95 0.16 0.00	35.70 0.08 0.00	35.22 0.09 0.00	35.83 0.13 0.00	41.20 -0.01 0.00	46.99 -0.10 0.00	59.50 0.09 0.00	97.76 -0.46 0.00	132.82 -0.58 0.00	55.40 -0.23 0.00	51.90 -0.28 0.00	53.48 -0.50 0.00	50.61 -0.55 0.00
EMPIRE_CC_2 323658	46.55 0.95 0.00	42.95 0.86 0.00	38.75 0.78 0.00	44.40 0.84 0.00	39.72 0.67 0.00	45.42 0.77 0.00	41.80 0.82 0.00	59.24 1.04 0.00	55.89 0.62 0.00	45.65 0.30 0.00	38.55 0.08 0.00	34.95 0.16 0.00	35.70 0.08 0.00	35.22 0.09 0.00	35.83 0.13 0.00	41.20 -0.01 0.00	46.99 -0.10 0.00	59.50 0.09 0.00	97.76 -0.46 0.00	132.82 -0.58 0.00	55.40 -0.23 0.00	51.90 -0.28 0.00	53.48 -0.50 0.00	50.61 -0.55 0.00
ENORWICH_115KV_TB1 80156	46.28 0.69 0.00	42.71 0.62 0.00	38.59 0.62 0.00	44.27 0.70 0.00	39.83 0.79 0.00	45.88 1.23 0.00	42.25 1.28 0.00	60.50 2.30 0.00	57.44 2.17 0.00	46.92 1.57 0.00	39.77 1.31 0.00	35.67 0.88 0.00	36.55 0.94 0.00	35.91 0.78 0.00	36.54 0.84 0.00	42.73 1.53 0.00	49.00 1.90 0.00	62.61 3.20 0.00	104.06 5.85 0.00	141.59 8.20 0.00	58.78 3.15 0.00	55.05 2.87 0.00	57.16 3.19 0.00	54.13 2.98 0.00
ERIE_ST__34_KV_TB1-2 80199	43.70 -1.89 0.00	40.47 -1.62 0.00	36.51 -1.46 0.00	41.99 -1.57 0.00	37.84 -1.20 0.00	43.60 -1.05 0.00	39.18 -1.80 0.00	55.32 -2.88 0.00	52.94 -2.33 0.00	43.86 -1.49 0.00	37.38 -1.08 0.00	33.33 -1.46 0.00	34.16 -1.46 0.00	33.56 -1.57 0.00	34.11 -1.59 0.00	39.48 -1.72 0.00	44.77 -2.33 0.00	55.98 -3.43 0.00	94.09 -4.13 0.00	128.92 -4.47 0.00	53.34 -2.29 0.00	50.32 -1.86 0.00	53.12 -0.85 0.00	50.83 -0.33 0.00
ERIE_WT_PWR 323693	43.44 -2.15 0.00	40.22 -1.87 0.00	36.32 -1.65 0.00	41.75 -1.81 0.00	37.62 -1.43 0.00	43.39 -1.26 0.00	38.93 -2.05 0.00	55.00 -3.20 0.00	52.69 -2.57 0.00	43.68 -1.67 0.00	37.23 -1.24 0.00	33.19 -1.61 0.00	33.97 -1.65 0.00	33.43 -1.70 0.00	33.89 -1.81 0.00	39.26 -1.95 0.00	44.53 -2.56 0.00	55.69 -3.72 0.00	93.64 -4.57 0.00	128.47 -4.93 0.00	53.12 -2.51 0.00	50.12 -2.06 0.00	53.01 -0.96 0.00	50.79 -0.37 0.00
ESPRGFLD_115KV_TB1 80157	45.56 -0.03 0.00	42.08 -0.01 0.00	37.99 0.03 0.00	43.62 0.05 0.00	39.17 0.13 0.00	44.97 0.32 0.00	41.28 0.30 0.00	58.82 0.61 0.00	55.98 0.72 0.00	46.12 0.77 0.00	39.15 0.68 0.00	35.29 0.50 0.00	36.08 0.47 0.00	35.57 0.44 0.00	36.04 0.34 0.00	41.81 0.60 0.00	47.94 0.84 0.00	60.51 1.10 0.00	100.32 2.10 0.00	136.20 2.80 0.00	56.87 1.24 0.00	53.26 1.07 0.00	55.11 1.14 0.00	52.27 1.11 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.05 0.46 0.00	42.49 0.41 0.00	38.35 0.38 0.00	44.05 0.49 0.00	39.52 0.47 0.00	45.21 0.56 0.00	41.50 0.53 0.00	58.99 0.79 0.00	55.98 0.71 0.00	45.85 0.50 0.00	38.82 0.36 0.00	34.90 0.11 0.00	35.82 0.21 0.00	35.32 0.19 0.00	35.95 0.25 0.00	41.61 0.40 0.00	47.56 0.46 0.00	60.09 0.68 0.00	99.83 1.62 0.00	135.56 2.17 0.00	56.41 0.78 0.00	52.90 0.71 0.00	54.83 0.86 0.00	51.92 0.76 0.00
ETNA____115KV_TB2 80207	46.05 0.46 0.00	42.49 0.41 0.00	38.35 0.38 0.00	44.05 0.49 0.00	39.52 0.47 0.00	45.21 0.56 0.00	41.50 0.53 0.00	58.99 0.79 0.00	55.98 0.71 0.00	45.85 0.50 0.00	38.82 0.36 0.00	34.90 0.11 0.00	35.82 0.21 0.00	35.32 0.19 0.00	35.95 0.25 0.00	41.61 0.40 0.00	47.56 0.46 0.00	60.09 0.68 0.00	99.83 1.62 0.00	135.56 2.17 0.00	56.41 0.78 0.00	52.90 0.71 0.00	54.83 0.86 0.00	51.92 0.76 0.00
EUCLID__115KV_TB2 356179	44.75 -0.84 0.00	41.30 -0.79 0.00	37.27 -0.70 0.00	42.78 -0.79 0.00	38.31 -0.73 0.00	43.72 -0.93 0.00	40.06 -0.92 0.00	56.89 -1.31 0.00	54.08 -1.19 0.00	44.42 -0.93 0.00	37.66 -0.80 0.00	34.03 -0.77 0.00	34.83 -0.78 0.00	34.30 -0.83 0.00	34.87 -0.83 0.00	40.30 -0.91 0.00	46.01 -1.09 0.00	58.01 -1.39 0.00	96.06 -2.16 0.00	130.44 -2.95 0.00	54.31 -1.32 0.00	51.01 -1.18 0.00	52.83 -1.14 0.00	50.09 -1.07 0.00
E_CANADA_CAP_HY 24051	45.32 -0.27 0.00	41.88 -0.20 0.00	37.81 -0.16 0.00	43.41 -0.15 0.00	38.94 -0.11 0.00	44.71 0.06 0.00	41.04 0.06 0.00	58.51 0.31 0.00	55.59 0.32 0.00	45.61 0.26 0.00	38.63 0.16 0.00	34.83 0.03 0.00	35.57 -0.04 0.00	35.09 -0.04 0.00	35.53 -0.17 0.00	41.25 0.05 0.00	47.44 0.35 0.00	60.05 0.64 0.00	99.53 1.32 0.00	135.13 1.74 0.00	56.47 0.84 0.00	52.79 0.60 0.00	54.57 0.60 0.00	51.77 0.61 0.00
E_CANADA_MHWK_HY 24050	47.97 2.37 0.00	44.18 2.09 0.00	39.84 1.87 0.00	45.67 2.11 0.00	41.01 1.97 0.00	47.02 2.38 0.00	43.35 2.37 0.00	61.64 3.43 0.00	57.67 2.40 0.00	46.45 1.10 0.00	39.10 0.63 0.00	35.53 0.74 0.00	36.43 0.82 0.00	35.77 0.64 0.00	36.37 0.67 0.00	42.25 1.05 0.00	48.80 1.71 0.00	62.11 2.71 0.00	103.13 4.92 0.00	140.06 6.67 0.00	58.30 2.67 0.00	54.63 2.45 0.00	56.23 2.26 0.00	53.01 1.85 0.00
E_FISHKILL__LBMP 23776	47.92 2.32 0.00	44.18 2.10 0.00	39.87 1.90 0.00	45.68 2.12 0.00	41.04 1.99 0.00	46.96 2.31 0.00	43.09 2.11 0.00	61.07 2.86 0.00	57.68 2.41 0.00	47.51 2.16 0.00	40.39 1.92 0.00	36.73 1.93 0.00	37.63 2.02 0.00	37.10 1.96 0.00	37.64 1.94 0.00	43.23 2.02 0.00	49.32 2.22 0.00	61.87 2.47 0.00	102.19 3.98 0.00	137.74 4.35 0.00	57.51 1.88 0.00	54.24 2.06 0.00	55.81 1.84 0.00	52.75 1.59 0.00
FALCON__SEABRD_CC1 323796	44.97 -0.62 0.00	41.50 -0.59 0.00	37.36 -0.60 0.00	42.88 -0.68 0.00	38.50 -0.55 0.00	44.07 -0.58 0.00	40.67 -0.30 0.00	57.96 -0.24 0.00	55.32 0.05 0.00	45.55 0.20 0.00	38.73 0.26 0.00	35.10 0.31 0.00	35.94 0.33 0.00	35.48 0.36 0.00	36.10 0.41 0.00	41.69 0.49 0.00	47.88 0.78 0.00	60.73 1.32 0.00	100.22 2.01 0.00	137.00 3.61 0.00	57.33 1.70 0.00	53.55 1.37 0.00	55.44 1.47 0.00	52.87 1.71 0.00
FALCON__SEABRD_CC2 323797	44.97 -0.62 0.00	41.50 -0.59 0.00	37.36 -0.60 0.00	42.88 -0.68 0.00	38.50 -0.55 0.00	44.07 -0.58 0.00	40.67 -0.30 0.00	57.96 -0.24 0.00	55.32 0.05 0.00	45.55 0.20 0.00	38.73 0.26 0.00	35.10 0.31 0.00	35.94 0.33 0.00	35.48 0.36 0.00	36.10 0.41 0.00	41.69 0.49 0.00	47.88 0.78 0.00	60.73 1.32 0.00	100.22 2.01 0.00	137.00 3.61 0.00	57.33 1.70 0.00	53.55 1.37 0.00	55.44 1.47 0.00	52.87 1.71 0.00

FAR ROCKAWAY___4 23548	56.79 3.08 -8.12	44.97 2.88 0.00	40.62 2.65 0.00	46.42 2.85 0.00	41.79 2.75 0.00	47.94 3.29 0.00	43.51 2.23 -0.30	92.53 3.01 -31.31	89.28 2.87 -31.14	48.57 3.22 0.00	47.27 3.29 -5.52	55.28 3.17 -17.32	39.01 3.13 -0.27	94.11 3.23 -55.74	43.93 3.00 -5.24	43.96 2.66 -0.09	51.06 3.02 -0.95	99.79 3.89 -36.50	128.39 5.02 -25.14	138.81 5.10 -0.32	58.81 2.40 -0.78	54.96 2.77 0.00	56.54 2.56 0.00	53.44 2.28 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.49 2.90 0.00	44.67 2.59 0.00	40.31 2.34 0.00	46.18 2.61 0.00	41.49 2.45 0.00	47.55 2.90 0.00	43.62 2.65 0.00	61.74 3.53 0.00	58.32 3.05 0.00	48.14 2.79 0.00	40.99 2.53 0.00	37.28 2.48 0.00	38.22 2.60 0.00	37.67 2.54 0.00	38.22 2.52 0.00	43.86 2.66 0.00	49.96 2.87 0.00	62.50 3.10 0.00	103.33 5.11 0.00	138.96 5.56 0.00	58.07 2.44 0.00	54.87 2.68 0.00	56.36 2.38 0.00	53.26 2.10 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.50 2.91 0.00	44.69 2.61 0.00	40.33 2.36 0.00	46.18 2.61 0.00	41.50 2.46 0.00	47.55 2.90 0.00	43.63 2.65 0.00	61.75 3.54 0.00	58.33 3.06 0.00	48.15 2.80 0.00	40.99 2.53 0.00	37.28 2.49 0.00	38.22 2.60 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.87 2.66 0.00	49.96 2.87 0.00	62.52 3.12 0.00	103.34 5.12 0.00	139.02 5.63 0.00	58.09 2.46 0.00	54.88 2.69 0.00	56.38 2.41 0.00	53.27 2.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.45 2.86 0.00	44.66 2.57 0.00	40.29 2.32 0.00	46.15 2.58 0.00	41.47 2.42 0.00	47.51 2.86 0.00	43.60 2.62 0.00	61.69 3.48 0.00	58.28 3.01 0.00	48.13 2.77 0.00	40.96 2.49 0.00	37.26 2.46 0.00	38.20 2.58 0.00	37.64 2.51 0.00	38.20 2.49 0.00	43.82 2.62 0.00	49.92 2.82 0.00	62.46 3.06 0.00	103.23 5.01 0.00	138.88 5.48 0.00	58.03 2.40 0.00	54.82 2.63 0.00	56.32 2.34 0.00	53.22 2.06 0.00
FARRAGUT___LBMP 323566	48.44 2.85 0.00	44.63 2.55 0.00	40.27 2.30 0.00	46.13 2.57 0.00	41.45 2.41 0.00	47.49 2.84 0.00	43.58 2.60 0.00	61.66 3.46 0.00	58.24 2.98 0.00	48.09 2.74 0.00	40.93 2.46 0.00	37.23 2.44 0.00	38.17 2.56 0.00	37.62 2.49 0.00	38.16 2.47 0.00	43.80 2.59 0.00	49.88 2.79 0.00	62.42 3.01 0.00	103.16 4.94 0.00	138.80 5.41 0.00	58.01 2.38 0.00	54.79 2.61 0.00	56.29 2.32 0.00	53.20 2.04 0.00
FENNER___WINDPWR 24204	45.85 0.25 0.00	42.34 0.26 0.00	38.24 0.27 0.00	43.90 0.33 0.00	39.40 0.36 0.00	45.10 0.45 0.00	41.51 0.54 0.00	59.14 0.94 0.00	56.11 0.84 0.00	45.97 0.61 0.00	38.88 0.42 0.00	35.11 0.31 0.00	35.93 0.32 0.00	35.40 0.27 0.00	36.03 0.34 0.00	41.76 0.55 0.00	47.81 0.72 0.00	60.46 1.05 0.00	99.85 1.64 0.00	135.40 2.00 0.00	56.48 0.84 0.00	52.98 0.80 0.00	54.80 0.83 0.00	51.87 0.71 0.00
FIBERTEK___ENERGY 23856	45.18 -0.41 0.00	41.70 -0.39 0.00	37.63 -0.34 0.00	43.20 -0.36 0.00	38.69 -0.36 0.00	44.15 -0.50 0.00	40.51 -0.47 0.00	57.59 -0.61 0.00	54.66 -0.61 0.00	44.85 -0.50 0.00	38.02 -0.45 0.00	34.34 -0.46 0.00	35.16 -0.45 0.00	34.65 -0.49 0.00	35.24 -0.46 0.00	40.74 -0.46 0.00	46.54 -0.56 0.00	58.68 -0.72 0.00	97.27 -0.95 0.00	132.05 -1.34 0.00	54.98 -0.65 0.00	51.56 -0.62 0.00	53.41 -0.57 0.00	50.60 -0.56 0.00
FITZPATRICK___ 23598	44.14 -1.46 0.00	40.74 -1.35 0.00	36.75 -1.22 0.00	42.19 -1.37 0.00	37.76 -1.28 0.00	43.05 -1.60 0.00	39.46 -1.51 0.00	55.99 -2.21 0.00	53.16 -2.11 0.00	43.64 -1.72 0.00	37.01 -1.46 0.00	33.44 -1.35 0.00	34.24 -1.37 0.00	33.81 -1.32 0.00	34.38 -1.32 0.00	39.69 -1.52 0.00	45.35 -1.75 0.00	57.17 -2.24 0.00	94.59 -3.62 0.00	128.46 -4.93 0.00	53.52 -2.11 0.00	50.27 -1.92 0.00	52.04 -1.93 0.00	49.32 -1.84 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.46 2.87 0.00	44.67 2.59 0.00	40.30 2.33 0.00	46.18 2.62 0.00	41.48 2.43 0.00	47.49 2.84 0.00	43.60 2.62 0.00	61.85 3.65 0.00	58.42 3.15 0.00	48.07 2.72 0.00	40.84 2.37 0.00	37.11 2.31 0.00	38.03 2.42 0.00	37.48 2.35 0.00	38.04 2.34 0.00	43.77 2.56 0.00	49.98 2.89 0.00	62.80 3.39 0.00	103.76 5.55 0.00	139.85 6.46 0.00	58.38 2.75 0.00	55.02 2.83 0.00	56.61 2.64 0.00	53.47 2.31 0.00
FORT ORANGE___ 23900	47.00 1.41 0.00	43.35 1.26 0.00	39.10 1.13 0.00	44.81 1.25 0.00	40.17 1.13 0.00	45.93 1.28 0.00	42.24 1.26 0.00	59.97 1.76 0.00	56.62 1.36 0.00	46.18 0.83 0.00	39.14 0.68 0.00	35.47 0.68 0.00	36.24 0.63 0.00	35.71 0.58 0.00	36.31 0.61 0.00	41.78 0.57 0.00	47.80 0.71 0.00	60.56 1.15 0.00	99.82 1.60 0.00	135.44 2.05 0.00	56.48 0.84 0.00	52.96 0.77 0.00	54.58 0.60 0.00	51.61 0.45 0.00
FORT_DRUM_COGEN 23780	44.36 -1.24 0.00	40.90 -1.19 0.00	37.00 -0.96 0.00	42.32 -1.24 0.00	38.01 -1.03 0.00	43.70 -0.95 0.00	40.65 -0.33 0.00	58.79 0.59 0.00	56.11 0.85 0.00	46.08 0.73 0.00	38.62 0.15 0.00	34.27 -0.52 0.00	34.72 -0.90 0.00	34.30 -0.83 0.00	35.26 -0.44 0.00	40.95 -0.25 0.00	47.64 0.54 0.00	60.90 1.50 0.00	101.32 3.10 0.00	137.54 4.14 0.00	57.30 1.67 0.00	53.61 1.43 0.00	55.30 1.33 0.00	52.16 1.01 0.00
FOX_HILLS___ESR 323835	48.57 2.98 0.00	44.78 2.69 0.00	40.41 2.44 0.00	46.29 2.72 0.00	41.61 2.56 0.00	47.79 3.14 0.00	43.80 2.82 0.00	61.87 3.66 0.00	58.42 3.15 0.00	48.27 2.92 0.00	41.05 2.58 0.00	37.33 2.53 0.00	38.29 2.68 0.00	37.75 2.62 0.00	38.27 2.57 0.00	43.97 2.76 0.00	50.08 2.99 0.00	62.56 3.16 0.00	103.54 5.32 0.00	138.89 5.50 0.00	58.08 2.45 0.00	54.95 2.76 0.00	56.35 2.37 0.00	53.32 2.16 0.00
FPL_FAR_ROCK_GT1 24212	56.79 3.08 -8.12	44.97 2.88 0.00	40.62 2.65 0.00	46.42 2.85 0.00	41.80 2.75 0.00	47.94 3.29 0.00	43.50 2.23 -0.30	92.52 3.00 -31.31	89.27 2.86 -31.14	48.57 3.22 0.00	47.27 3.29 -5.52	55.28 3.16 -17.32	39.01 3.13 -0.27	94.11 3.23 -55.74	43.94 3.01 -5.24	43.95 2.66 -0.09	51.05 3.01 -0.95	99.82 3.92 -36.50	128.40 5.04 -25.14	138.81 5.10 -0.32	58.81 2.40 -0.78	54.95 2.77 0.00	56.53 2.56 0.00	53.44 2.28 0.00
FPL_FAR_ROCK_GT2 23815	56.79 3.08 -8.12	44.97 2.88 0.00	40.62 2.65 0.00	46.42 2.85 0.00	41.80 2.75 0.00	47.94 3.29 0.00	43.50 2.23 -0.30	92.52 3.00 -31.31	89.27 2.86 -31.14	48.57 3.22 0.00	47.27 3.29 -5.52	55.28 3.16 -17.32	39.01 3.13 -0.27	94.11 3.23 -55.74	43.94 3.01 -5.24	43.95 2.66 -0.09	51.05 3.01 -0.95	99.82 3.92 -36.50	128.40 5.04 -25.14	138.81 5.10 -0.32	58.81 2.40 -0.78	54.95 2.77 0.00	56.53 2.56 0.00	53.44 2.28 0.00
FRANKLIN_FALL_HYD 24054	45.30 -0.29 0.00	41.82 -0.27 0.00	37.66 -0.31 0.00	43.20 -0.36 0.00	38.81 -0.24 0.00	44.52 -0.13 0.00	41.03 0.05 0.00	58.61 0.41 0.00	56.02 0.76 0.00	46.14 0.79 0.00	39.24 0.78 0.00	35.42 0.62 0.00	36.24 0.62 0.00	35.77 0.64 0.00	36.33 0.63 0.00	42.05 0.84 0.00	48.36 1.26 0.00	61.22 1.82 0.00	101.43 3.22 0.00	138.48 5.09 0.00	57.93 2.30 0.00	54.06 1.88 0.00	55.91 1.94 0.00	53.15 1.99 0.00

[illegible]

GILBOA____ 23599	46.79 1.20 0.00	43.17 1.09 0.00	38.96 0.99 0.00	44.67 1.11 0.00	40.07 1.02 0.00	45.84 1.19 0.00	42.09 1.11 0.00	59.72 1.51 0.00	56.48 1.22 0.00	46.33 0.98 0.00	39.28 0.81 0.00	35.61 0.82 0.00	36.45 0.84 0.00	35.94 0.81 0.00	36.51 0.81 0.00	42.05 0.85 0.00	48.03 0.93 0.00	60.49 1.09 0.00	99.48 1.27 0.00	135.13 1.74 0.00	56.47 0.84 0.00	53.05 0.87 0.00	54.74 0.77 0.00	51.80 0.64 0.00
GINNA____ 23603	42.47 -3.12 0.00	39.23 -2.85 0.00	35.41 -2.55 0.00	40.66 -2.90 0.00	36.50 -2.55 0.00	41.85 -2.80 0.00	38.05 -2.92 0.00	53.96 -4.24 0.00	51.52 -3.75 0.00	42.49 -2.86 0.00	36.14 -2.32 0.00	32.52 -2.27 0.00	33.29 -2.32 0.00	32.79 -2.34 0.00	33.29 -2.41 0.00	38.50 -2.71 0.00	43.85 -3.25 0.00	55.07 -4.34 0.00	91.77 -6.45 0.00	124.96 -8.43 0.00	51.92 -3.71 0.00	48.75 -3.43 0.00	50.87 -3.11 0.00	48.40 -2.76 0.00
GLEN PARK____ 23778	44.50 -1.10 0.00	41.03 -1.06 0.00	37.12 -0.85 0.00	42.44 -1.12 0.00	38.12 -0.92 0.00	43.83 -0.82 0.00	40.78 -0.20 0.00	58.98 0.77 0.00	56.29 1.02 0.00	46.22 0.87 0.00	38.70 0.23 0.00	34.31 -0.48 0.00	34.75 -0.86 0.00	34.31 -0.82 0.00	35.28 -0.41 0.00	41.00 -0.20 0.00	47.74 0.65 0.00	61.04 1.63 0.00	101.55 3.33 0.00	137.82 4.42 0.00	57.42 1.78 0.00	53.72 1.54 0.00	55.41 1.43 0.00	52.25 1.09 0.00
GLENDALE_27_KV_LOAD 356172	48.45 2.85 0.00	44.58 2.49 0.00	40.21 2.25 0.00	46.05 2.48 0.00	41.38 2.34 0.00	47.55 2.90 0.00	43.64 2.67 0.00	61.70 3.50 0.00	58.29 3.02 0.00	48.18 2.83 0.00	41.04 2.57 0.00	37.34 2.55 0.00	38.27 2.66 0.00	37.72 2.58 0.00	38.27 2.57 0.00	43.91 2.71 0.00	50.01 2.91 0.00	62.47 3.07 0.00	103.27 5.05 0.00	138.85 5.46 0.00	58.08 2.45 0.00	54.89 2.70 0.00	56.35 2.38 0.00	53.25 2.09 0.00
GLENWOOD_IC_1_G5 23712	47.50 2.87 0.95	44.71 2.63 0.00	40.36 2.39 0.00	46.19 2.63 0.00	41.54 2.49 0.00	47.59 2.94 0.00	43.34 2.42 0.05	55.73 3.28 5.76	52.38 2.93 5.81	48.20 2.85 0.00	45.49 2.71 -4.32	50.99 2.65 -13.54	38.53 2.71 -0.21	81.40 2.69 -43.58	42.41 2.62 -4.09	43.76 2.56 0.01	49.72 2.84 0.21	58.97 3.33 3.77	98.23 5.01 5.00	135.84 5.33 2.88	50.12 2.30 7.81	47.96 2.48 6.70	55.73 2.24 0.48	48.30 1.95 4.81
GLENWOOD_IC_2_G1 23688	48.36 2.76 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.44 2.78 0.00	43.41 2.43 0.00	61.50 3.29 0.00	58.13 2.87 0.00	48.02 2.67 0.00	40.91 2.45 0.00	37.22 2.43 0.00	38.13 2.52 0.00	37.61 2.48 0.00	38.13 2.44 0.00	43.68 2.48 0.00	49.81 2.71 0.00	62.49 3.09 0.00	103.06 4.84 0.00	138.59 5.19 0.00	57.83 2.20 0.00	54.56 2.38 0.00	56.10 2.12 0.00	53.00 1.85 0.00
GLENWOOD_IC_3_G1 23689	48.36 2.76 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.44 2.78 0.00	43.41 2.43 0.00	61.50 3.29 0.00	58.13 2.87 0.00	48.02 2.67 0.00	40.91 2.45 0.00	37.22 2.43 0.00	38.13 2.52 0.00	37.61 2.48 0.00	38.13 2.44 0.00	43.68 2.48 0.00	49.81 2.71 0.00	62.49 3.09 0.00	103.06 4.84 0.00	138.59 5.19 0.00	57.83 2.20 0.00	54.56 2.38 0.00	56.10 2.12 0.00	53.00 1.85 0.00
GLENWOOD____4 23550	47.50 2.87 0.95	44.71 2.63 0.00	40.36 2.39 0.00	46.19 2.63 0.00	41.54 2.49 0.00	47.59 2.94 0.00	43.34 2.42 0.05	55.73 3.28 5.76	52.38 2.93 5.81	48.20 2.85 0.00	45.49 2.71 -4.32	50.99 2.65 -13.54	38.53 2.71 -0.21	81.40 2.69 -43.58	42.41 2.62 -4.09	43.76 2.56 0.01	49.72 2.84 0.21	58.97 3.33 3.77	98.23 5.01 5.00	135.84 5.33 2.88	50.12 2.30 7.81	47.96 2.48 6.70	55.73 2.24 0.48	48.30 1.95 4.81
GLENWOOD____5 23614	47.50 2.87 0.95	44.71 2.63 0.00	40.36 2.39 0.00	46.19 2.63 0.00	41.54 2.49 0.00	47.59 2.94 0.00	43.34 2.42 0.05	55.73 3.28 5.76	52.38 2.93 5.81	48.20 2.85 0.00	45.49 2.71 -4.32	50.99 2.65 -13.54	38.53 2.71 -0.21	81.40 2.69 -43.58	42.41 2.62 -4.09	43.76 2.56 0.01	49.72 2.84 0.21	58.97 3.33 3.77	98.23 5.01 5.00	135.84 5.33 2.88	50.12 2.30 7.81	47.96 2.48 6.70	55.73 2.24 0.48	48.30 1.95 4.81
GLOBAL GREEN_PORT_GT1 23814	40.29 1.78 7.08	44.26 2.17 0.00	39.97 2.01 0.00	45.61 2.05 0.00	41.11 2.07 0.00	47.33 2.68 0.00	20.95 -0.05 19.97	17.55 -0.24 40.41	16.55 -0.02 38.70	29.33 0.58 16.61	-17.89 1.19 57.54	-12.97 1.31 49.07	35.78 1.66 1.49	36.87 1.84 0.11	30.66 1.85 6.90	42.51 1.39 0.09	47.15 1.73 1.68	30.19 2.05 31.27	64.07 1.40 35.54	122.98 -1.42 9.00	30.84 -0.11 24.68	30.09 0.30 22.40	52.29 -0.07 1.62	34.48 -0.70 15.98
GLOBE____DSASP 323697	42.51 -3.08 0.00	39.47 -2.62 0.00	35.67 -2.30 0.00	40.99 -2.58 0.00	36.91 -2.14 0.00	42.43 -2.22 0.00	37.90 -3.08 0.00	53.31 -4.90 0.00	51.18 -4.09 0.00	42.50 -2.85 0.00	36.37 -2.10 0.00	32.46 -2.34 0.00	33.21 -2.41 0.00	32.73 -2.40 0.00	33.19 -2.50 0.00	38.35 -2.86 0.00	43.24 -3.85 0.00	53.53 -5.87 0.00	89.76 -8.45 0.00	123.08 -10.31 0.00	51.05 -4.58 0.00	48.26 -3.92 0.00	51.60 -2.38 0.00	49.78 -1.38 0.00
GOETHSLN____LBMP 323567	48.26 2.67 0.00	44.46 2.37 0.00	40.12 2.15 0.00	45.95 2.38 0.00	41.30 2.26 0.00	47.31 2.66 0.00	43.43 2.46 0.00	61.50 3.29 0.00	58.06 2.79 0.00	47.91 2.56 0.00	40.77 2.31 0.00	37.10 2.31 0.00	38.04 2.43 0.00	37.50 2.37 0.00	38.03 2.33 0.00	43.65 2.45 0.00	49.72 2.63 0.00	62.23 2.82 0.00	102.87 4.66 0.00	138.36 4.96 0.00	57.84 2.20 0.00	54.61 2.42 0.00	56.09 2.12 0.00	53.00 1.84 0.00
GOLAH____69_KV_TB 1_2 80279	44.68 -0.91 0.00	41.29 -0.80 0.00	37.34 -0.63 0.00	42.85 -0.71 0.00	38.57 -0.48 0.00	44.31 -0.34 0.00	40.09 -0.89 0.00	56.58 -1.63 0.00	54.06 -1.20 0.00	44.63 -0.72 0.00	37.88 -0.58 0.00	33.89 -0.91 0.00	34.74 -0.88 0.00	34.28 -0.85 0.00	34.74 -0.96 0.00	40.20 -1.01 0.00	45.79 -1.30 0.00	57.52 -1.88 0.00	96.15 -2.06 0.00	131.17 -2.23 0.00	54.43 -1.20 0.00	51.20 -0.99 0.00	53.64 -0.33 0.00	51.22 0.06 0.00
GOODYEAR_LAKE_HYD 323669	46.50 0.91 0.00	42.91 0.82 0.00	38.73 0.76 0.00	44.44 0.88 0.00	39.91 0.87 0.00	45.76 1.10 0.00	42.02 1.04 0.00	59.78 1.57 0.00	56.73 1.47 0.00	46.68 1.33 0.00	39.63 1.17 0.00	35.79 1.00 0.00	36.64 1.03 0.00	36.09 0.96 0.00	36.63 0.93 0.00	42.39 1.18 0.00	48.50 1.41 0.00	61.17 1.76 0.00	101.19 2.97 0.00	137.23 3.84 0.00	57.27 1.64 0.00	53.73 1.55 0.00	55.55 1.57 0.00	52.60 1.44 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.69 0.09 0.00	42.16 0.08 0.00	38.05 0.08 0.00	43.70 0.14 0.00	39.27 0.23 0.00	44.95 0.30 0.00	41.18 0.21 0.00	58.47 0.26 0.00	55.34 0.08 0.00	45.42 0.07 0.00	38.53 0.06 0.00	34.78 -0.01 0.00	35.66 0.04 0.00	35.09 -0.04 0.00	35.68 -0.02 0.00	41.28 0.07 0.00	47.12 0.03 0.00	59.36 -0.04 0.00	98.45 0.24 0.00	133.79 0.40 0.00	55.62 -0.02 0.00	52.28 0.09 0.00	54.25 0.28 0.00	51.38 0.22 0.00

GOUDEY___7 23579	45.69 0.09 0.00	42.16 0.08 0.00	38.05 0.08 0.00	43.70 0.14 0.00	39.27 0.23 0.00	44.95 0.30 0.00	41.18 0.21 0.00	58.47 0.26 0.00	55.34 0.08 0.00	45.42 0.07 0.00	38.53 0.06 0.00	34.78 -0.01 0.00	35.66 0.04 0.00	35.09 -0.04 0.00	35.68 -0.02 0.00	41.28 0.07 0.00	47.12 0.03 0.00	59.36 -0.04 0.00	98.45 0.24 0.00	133.79 0.40 0.00	55.62 -0.02 0.00	52.28 0.09 0.00	54.25 0.28 0.00	51.38 0.22 0.00
GOUDEY___8 23580	45.69 0.09 0.00	42.16 0.08 0.00	38.05 0.08 0.00	43.70 0.14 0.00	39.27 0.23 0.00	44.95 0.30 0.00	41.18 0.21 0.00	58.47 0.26 0.00	55.34 0.08 0.00	45.42 0.07 0.00	38.53 0.06 0.00	34.78 -0.01 0.00	35.66 0.04 0.00	35.09 -0.04 0.00	35.68 -0.02 0.00	41.28 0.07 0.00	47.12 0.03 0.00	59.36 -0.04 0.00	98.45 0.24 0.00	133.79 0.40 0.00	55.62 -0.02 0.00	52.28 0.09 0.00	54.25 0.28 0.00	51.38 0.22 0.00
GOWANUS_GT1_1 24077	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.47 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.67 2.54 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.44 3.04 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.04 2.41 0.00	54.85 2.67 0.00	56.27 2.30 0.00	53.22 2.07 0.00
GOWANUS_GT1_2 24078	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.47 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.67 2.54 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.44 3.04 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.04 2.41 0.00	54.85 2.67 0.00	56.27 2.30 0.00	53.22 2.07 0.00
GOWANUS_GT1_3 24079	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.47 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.67 2.54 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.44 3.04 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.04 2.41 0.00	54.85 2.67 0.00	56.27 2.30 0.00	53.22 2.07 0.00
GOWANUS_GT1_4 24080	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.47 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.67 2.54 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.44 3.04 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.04 2.41 0.00	54.85 2.67 0.00	56.27 2.30 0.00	53.22 2.07 0.00
GOWANUS_GT1_5 24084	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.47 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.67 2.54 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.44 3.04 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.04 2.41 0.00	54.85 2.67 0.00	56.27 2.30 0.00	53.22 2.07 0.00
GOWANUS_GT1_6 24111	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.47 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.67 2.54 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.44 3.04 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.04 2.41 0.00	54.85 2.67 0.00	56.27 2.30 0.00	53.22 2.07 0.00
GOWANUS_GT1_7 24112	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.47 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.67 2.54 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.44 3.04 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.04 2.41 0.00	54.85 2.67 0.00	56.27 2.30 0.00	53.22 2.07 0.00
GOWANUS_GT1_8 24113	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.47 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.67 2.54 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.44 3.04 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.04 2.41 0.00	54.85 2.67 0.00	56.27 2.30 0.00	53.22 2.07 0.00
GOWANUS_GT2_1 24114	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
GOWANUS_GT2_2 24115	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
GOWANUS_GT2_3 24116	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
GOWANUS_GT2_4 24117	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
GOWANUS_GT2_5 24118	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00

GOWANUS_GT2_6 24119	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
GOWANUS_GT2_7 24120	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
GOWANUS_GT2_8 24121	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
GOWANUS_GT3_1 24122	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.46 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.66 2.53 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.45 3.05 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.05 2.42 0.00	54.86 2.67 0.00	56.28 2.31 0.00	53.23 2.07 0.00
GOWANUS_GT3_2 24123	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.46 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.66 2.53 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.45 3.05 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.05 2.42 0.00	54.86 2.67 0.00	56.28 2.31 0.00	53.23 2.07 0.00
GOWANUS_GT3_3 24124	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.46 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.66 2.53 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.45 3.05 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.05 2.42 0.00	54.86 2.67 0.00	56.28 2.31 0.00	53.23 2.07 0.00
GOWANUS_GT3_4 24125	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.46 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.66 2.53 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.45 3.05 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.05 2.42 0.00	54.86 2.67 0.00	56.28 2.31 0.00	53.23 2.07 0.00
GOWANUS_GT3_5 24126	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.46 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.66 2.53 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.45 3.05 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.05 2.42 0.00	54.86 2.67 0.00	56.28 2.31 0.00	53.23 2.07 0.00
GOWANUS_GT3_6 24127	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.46 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.66 2.53 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.45 3.05 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.05 2.42 0.00	54.86 2.67 0.00	56.28 2.31 0.00	53.23 2.07 0.00
GOWANUS_GT3_7 24128	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.46 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.66 2.53 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.45 3.05 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.05 2.42 0.00	54.86 2.67 0.00	56.28 2.31 0.00	53.23 2.07 0.00
GOWANUS_GT3_8 24129	48.42 2.83 0.00	44.58 2.49 0.00	40.22 2.25 0.00	46.06 2.50 0.00	41.41 2.36 0.00	47.56 2.91 0.00	43.63 2.66 0.00	61.67 3.46 0.00	58.26 2.99 0.00	48.15 2.80 0.00	40.96 2.50 0.00	37.26 2.46 0.00	38.22 2.61 0.00	37.66 2.53 0.00	38.20 2.50 0.00	43.87 2.67 0.00	49.99 2.89 0.00	62.45 3.05 0.00	103.31 5.10 0.00	138.79 5.39 0.00	58.05 2.42 0.00	54.86 2.67 0.00	56.28 2.31 0.00	53.23 2.07 0.00
GOWANUS_GT4_1 24130	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.66 2.68 0.00	61.72 3.51 0.00	58.29 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.24 2.62 0.00	37.68 2.55 0.00	38.22 2.53 0.00	43.89 2.68 0.00	50.01 2.91 0.00	62.46 3.06 0.00	103.35 5.13 0.00	138.84 5.45 0.00	58.06 2.43 0.00	54.87 2.69 0.00	56.30 2.33 0.00	53.25 2.09 0.00
GOWANUS_GT4_2 24131	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.66 2.68 0.00	61.72 3.51 0.00	58.29 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.24 2.62 0.00	37.68 2.55 0.00	38.22 2.53 0.00	43.89 2.68 0.00	50.01 2.91 0.00	62.46 3.06 0.00	103.35 5.13 0.00	138.84 5.45 0.00	58.06 2.43 0.00	54.87 2.69 0.00	56.30 2.33 0.00	53.25 2.09 0.00
GOWANUS_GT4_3 24132	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.66 2.68 0.00	61.72 3.51 0.00	58.29 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.24 2.62 0.00	37.68 2.55 0.00	38.22 2.53 0.00	43.89 2.68 0.00	50.01 2.91 0.00	62.46 3.06 0.00	103.35 5.13 0.00	138.84 5.45 0.00	58.06 2.43 0.00	54.87 2.69 0.00	56.30 2.33 0.00	53.25 2.09 0.00
GOWANUS_GT4_4 24133	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.66 2.68 0.00	61.72 3.51 0.00	58.29 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.24 2.62 0.00	37.68 2.55 0.00	38.22 2.53 0.00	43.89 2.68 0.00	50.01 2.91 0.00	62.46 3.06 0.00	103.35 5.13 0.00	138.84 5.45 0.00	58.06 2.43 0.00	54.87 2.69 0.00	56.30 2.33 0.00	53.25 2.09 0.00

GOWANUS_GT4_5 24134	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.66 2.68 0.00	61.72 3.51 0.00	58.29 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.24 2.62 0.00	37.68 2.55 0.00	38.22 2.53 0.00	43.89 2.68 0.00	50.01 2.91 0.00	62.46 3.06 0.00	103.35 5.13 0.00	138.84 5.45 0.00	58.06 2.43 0.00	54.87 2.69 0.00	56.30 2.33 0.00	53.25 2.09 0.00
GOWANUS_GT4_6 24135	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.66 2.68 0.00	61.72 3.51 0.00	58.29 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.24 2.62 0.00	37.68 2.55 0.00	38.22 2.53 0.00	43.89 2.68 0.00	50.01 2.91 0.00	62.46 3.06 0.00	103.35 5.13 0.00	138.84 5.45 0.00	58.06 2.43 0.00	54.87 2.69 0.00	56.30 2.33 0.00	53.25 2.09 0.00
GOWANUS_GT4_7 24136	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.66 2.68 0.00	61.72 3.51 0.00	58.29 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.24 2.62 0.00	37.68 2.55 0.00	38.22 2.53 0.00	43.89 2.68 0.00	50.01 2.91 0.00	62.46 3.06 0.00	103.35 5.13 0.00	138.84 5.45 0.00	58.06 2.43 0.00	54.87 2.69 0.00	56.30 2.33 0.00	53.25 2.09 0.00
GOWANUS_GT4_8 24137	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.66 2.68 0.00	61.72 3.51 0.00	58.29 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.24 2.62 0.00	37.68 2.55 0.00	38.22 2.53 0.00	43.89 2.68 0.00	50.01 2.91 0.00	62.46 3.06 0.00	103.35 5.13 0.00	138.84 5.45 0.00	58.06 2.43 0.00	54.87 2.69 0.00	56.30 2.33 0.00	53.25 2.09 0.00
GREATVR_69_KV_BK1 356245	41.63 2.52 6.48	44.50 2.41 0.00	40.22 2.26 0.00	45.93 2.37 0.00	41.37 2.33 0.00	47.54 2.89 0.00	44.53 1.78 -1.77	25.17 2.19 35.23	21.18 2.17 36.25	47.70 2.46 0.11	57.61 2.72 -16.42	60.40 2.82 -22.78	38.84 2.66 -0.56	87.70 2.69 -49.88	45.19 2.50 -7.00	43.29 2.16 0.08	48.25 2.52 1.36	34.04 3.25 28.62	69.39 4.00 32.83	128.72 3.81 8.48	34.19 1.83 23.27	33.13 2.12 21.17	54.39 1.94 1.53	37.47 1.42 15.11
GREENBSH_115KV_TB3 55895	46.81 1.22 0.00	43.16 1.08 0.00	38.92 0.96 0.00	44.64 1.08 0.00	40.00 0.96 0.00	45.72 1.07 0.00	42.05 1.07 0.00	59.66 1.46 0.00	56.35 1.08 0.00	46.06 0.70 0.00	39.01 0.54 0.00	35.37 0.57 0.00	36.14 0.53 0.00	35.63 0.50 0.00	36.23 0.54 0.00	41.68 0.48 0.00	47.63 0.53 0.00	60.23 0.83 0.00	99.17 0.95 0.00	134.57 1.17 0.00	56.13 0.50 0.00	52.64 0.45 0.00	54.25 0.28 0.00	51.32 0.17 0.00
GREENDGE_115KV_TB5 80291	44.52 -1.08 0.00	41.17 -0.92 0.00	37.19 -0.78 0.00	42.79 -0.77 0.00	38.56 -0.49 0.00	44.27 -0.38 0.00	40.40 -0.58 0.00	56.90 -1.31 0.00	53.97 -1.30 0.00	44.45 -0.90 0.00	37.63 -0.84 0.00	33.31 -1.49 0.00	34.32 -1.29 0.00	33.79 -1.34 0.00	34.45 -1.25 0.00	39.99 -1.21 0.00	45.83 -1.27 0.00	57.43 -1.98 0.00	96.55 -1.67 0.00	131.51 -1.89 0.00	54.37 -1.27 0.00	51.40 -0.78 0.00	53.85 -0.12 0.00	51.12 -0.04 0.00
GREENIDGE___3 23582	44.52 -1.08 0.00	41.17 -0.92 0.00	37.19 -0.78 0.00	42.79 -0.77 0.00	38.56 -0.49 0.00	44.27 -0.38 0.00	40.40 -0.58 0.00	56.90 -1.31 0.00	53.97 -1.30 0.00	44.45 -0.90 0.00	37.63 -0.84 0.00	33.31 -1.49 0.00	34.32 -1.29 0.00	33.79 -1.34 0.00	34.45 -1.25 0.00	39.99 -1.21 0.00	45.83 -1.27 0.00	57.43 -1.98 0.00	96.55 -1.67 0.00	131.51 -1.89 0.00	54.37 -1.27 0.00	51.40 -0.78 0.00	53.85 -0.12 0.00	51.12 -0.04 0.00
GREENIDGE___4 23583	44.52 -1.07 0.00	41.17 -0.92 0.00	37.19 -0.78 0.00	42.79 -0.77 0.00	38.56 -0.49 0.00	44.27 -0.38 0.00	40.40 -0.58 0.00	56.89 -1.31 0.00	53.96 -1.31 0.00	44.45 -0.90 0.00	37.63 -0.84 0.00	33.31 -1.49 0.00	34.32 -1.30 0.00	33.79 -1.34 0.00	34.45 -1.25 0.00	39.99 -1.22 0.00	45.83 -1.26 0.00	57.42 -1.99 0.00	96.55 -1.66 0.00	131.51 -1.88 0.00	54.35 -1.28 0.00	51.38 -0.80 0.00	53.85 -0.13 0.00	51.09 -0.07 0.00
GREENLWN_69_KV_BK 3 55738	40.72 1.84 6.71	43.91 1.82 0.00	39.72 1.75 0.00	45.35 1.79 0.00	40.84 1.80 0.00	46.84 2.19 0.00	42.00 1.09 0.07	23.14 1.39 36.46	19.55 1.38 37.09	42.27 1.85 4.93	45.92 2.32 -5.14	54.41 2.42 -17.19	38.25 2.38 -0.25	91.81 2.38 -54.30	42.81 2.23 -4.88	42.68 1.55 0.08	47.34 1.68 1.44	31.91 2.14 29.64	66.54 2.16 33.83	125.83 1.11 8.67	32.66 0.80 23.78	31.78 1.20 21.61	53.30 0.88 1.56	36.48 0.73 15.42
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.66 2.68 0.00	61.72 3.51 0.00	58.29 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.24 2.62 0.00	37.68 2.55 0.00	38.22 2.53 0.00	43.89 2.68 0.00	50.01 2.91 0.00	62.46 3.06 0.00	103.35 5.13 0.00	138.84 5.45 0.00	58.06 2.43 0.00	54.87 2.69 0.00	56.30 2.33 0.00	53.25 2.09 0.00
GRISSOM___SOLAR 323813	46.76 1.17 0.00	43.18 1.09 0.00	38.93 0.96 0.00	44.65 1.09 0.00	40.05 1.00 0.00	45.92 1.27 0.00	42.21 1.23 0.00	60.18 1.97 0.00	56.77 1.51 0.00	45.85 0.51 0.00	38.71 0.25 0.00	35.04 0.25 0.00	35.99 0.38 0.00	35.49 0.36 0.00	36.11 0.41 0.00	41.93 0.72 0.00	48.35 1.25 0.00	61.36 1.95 0.00	101.59 3.37 0.00	137.84 4.44 0.00	57.49 1.86 0.00	53.78 1.59 0.00	55.51 1.54 0.00	52.54 1.39 0.00
GROVEVILLE___HYD 323602	48.46 2.87 0.00	44.67 2.59 0.00	40.30 2.33 0.00	46.18 2.62 0.00	41.48 2.43 0.00	47.49 2.84 0.00	43.60 2.62 0.00	61.85 3.65 0.00	58.42 3.15 0.00	48.07 2.72 0.00	40.84 2.37 0.00	37.11 2.31 0.00	38.03 2.42 0.00	37.48 2.35 0.00	38.04 2.34 0.00	43.77 2.56 0.00	49.98 2.89 0.00	62.80 3.39 0.00	103.76 5.55 0.00	139.85 6.46 0.00	58.38 2.75 0.00	55.02 2.83 0.00	56.61 2.64 0.00	53.47 2.31 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.18 -0.41 0.00	41.70 -0.39 0.00	37.63 -0.34 0.00	43.20 -0.36 0.00	38.69 -0.36 0.00	44.15 -0.50 0.00	40.51 -0.47 0.00	57.59 -0.61 0.00	54.66 -0.61 0.00	44.85 -0.50 0.00	38.02 -0.45 0.00	34.34 -0.46 0.00	35.16 -0.45 0.00	34.65 -0.49 0.00	35.24 -0.46 0.00	40.74 -0.46 0.00	46.54 -0.56 0.00	58.68 -0.72 0.00	97.27 -0.95 0.00	132.05 -1.34 0.00	54.98 -0.65 0.00	51.56 -0.62 0.00	53.41 -0.57 0.00	50.60 -0.56 0.00
HAMLTNNY_34_KV_TB 80303	45.19 -0.41 0.00	41.71 -0.38 0.00	37.63 -0.33 0.00	43.25 -0.31 0.00	38.74 -0.31 0.00	44.24 -0.42 0.00	40.56 -0.42 0.00	57.72 -0.48 0.00	54.74 -0.53 0.00	44.89 -0.46 0.00	38.07 -0.40 0.00	34.37 -0.43 0.00	35.20 -0.41 0.00	34.65 -0.48 0.00	35.26 -0.44 0.00	40.81 -0.40 0.00	46.55 -0.54 0.00	58.69 -0.72 0.00	97.45 -0.77 0.00	132.37 -1.03 0.00	55.07 -0.56 0.00	51.63 -0.56 0.00	53.52 -0.45 0.00	50.74 -0.42 0.00

HAMPSHIRE___PAPER_HYD 323593	45.12 -0.48 0.00	41.63 -0.46 0.00	37.60 -0.37 0.00	43.08 -0.48 0.00	38.68 -0.36 0.00	44.43 -0.21 0.00	41.12 0.14 0.00	59.04 0.84 0.00	56.30 1.03 0.00	46.20 0.86 0.00	39.02 0.56 0.00	34.98 0.19 0.00	35.62 0.01 0.00	35.08 -0.05 0.00	35.85 0.16 0.00	41.52 0.31 0.00	47.92 0.83 0.00	60.99 1.58 0.00	101.36 3.15 0.00	137.74 4.35 0.00	57.49 1.86 0.00	53.73 1.55 0.00	55.52 1.54 0.00	52.60 1.45 0.00
HARDSCRABBLE_WT_PWR 323673	47.15 1.56 0.00	43.44 1.36 0.00	39.18 1.22 0.00	44.92 1.36 0.00	40.36 1.31 0.00	46.30 1.65 0.00	42.65 1.68 0.00	60.65 2.44 0.00	56.92 1.65 0.00	46.01 0.66 0.00	38.74 0.28 0.00	35.17 0.37 0.00	36.03 0.42 0.00	35.41 0.28 0.00	35.99 0.29 0.00	41.78 0.57 0.00	48.18 1.08 0.00	61.27 1.86 0.00	101.81 3.59 0.00	138.48 5.08 0.00	57.69 2.06 0.00	54.05 1.87 0.00	55.64 1.67 0.00	52.51 1.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.33 2.74 0.00	44.56 2.47 0.00	40.21 2.25 0.00	46.10 2.54 0.00	41.43 2.39 0.00	47.42 2.77 0.00	43.52 2.54 0.00	61.74 3.54 0.00	58.28 3.01 0.00	47.92 2.57 0.00	40.72 2.26 0.00	37.04 2.24 0.00	37.98 2.36 0.00	37.42 2.28 0.00	37.96 2.26 0.00	43.68 2.47 0.00	49.89 2.80 0.00	62.64 3.24 0.00	103.58 5.37 0.00	139.46 6.07 0.00	58.23 2.60 0.00	54.91 2.73 0.00	56.53 2.55 0.00	53.38 2.22 0.00
HARSNRAD_115KV_TB1 81005	43.13 -2.46 0.00	40.02 -2.07 0.00	36.17 -1.80 0.00	41.53 -2.03 0.00	37.42 -1.63 0.00	43.10 -1.55 0.00	38.42 -2.55 0.00	54.09 -4.11 0.00	51.89 -3.37 0.00	43.06 -2.29 0.00	36.80 -1.66 0.00	32.78 -2.01 0.00	33.54 -2.07 0.00	33.05 -2.09 0.00	33.52 -2.18 0.00	38.76 -2.44 0.00	43.84 -3.26 0.00	54.76 -4.64 0.00	91.97 -6.24 0.00	126.05 -7.34 0.00	52.25 -3.38 0.00	49.35 -2.84 0.00	52.28 -1.69 0.00	50.21 -0.95 0.00
HARZA MOOSE___RIVER 24016	45.18 -0.41 0.00	41.71 -0.37 0.00	37.68 -0.29 0.00	43.19 -0.37 0.00	38.79 -0.26 0.00	44.52 -0.13 0.00	41.24 0.26 0.00	59.22 1.01 0.00	56.35 1.09 0.00	46.12 0.76 0.00	38.90 0.43 0.00	34.95 0.16 0.00	35.56 -0.05 0.00	35.03 -0.10 0.00	35.88 0.18 0.00	41.54 0.34 0.00	47.88 0.79 0.00	60.95 1.55 0.00	100.93 2.72 0.00	136.94 3.55 0.00	57.10 1.47 0.00	53.46 1.28 0.00	55.20 1.22 0.00	52.22 1.06 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.93 -0.66 0.00	41.47 -0.63 0.00	37.41 -0.56 0.00	42.94 -0.62 0.00	38.47 -0.57 0.00	43.90 -0.76 0.00	40.23 -0.75 0.00	57.13 -1.07 0.00	54.26 -1.00 0.00	44.56 -0.79 0.00	37.79 -0.68 0.00	34.13 -0.66 0.00	34.96 -0.66 0.00	34.44 -0.69 0.00	35.02 -0.68 0.00	40.47 -0.73 0.00	46.23 -0.86 0.00	58.28 -1.12 0.00	96.49 -1.72 0.00	130.99 -2.40 0.00	54.56 -1.08 0.00	51.23 -0.96 0.00	53.05 -0.92 0.00	50.27 -0.88 0.00
HELLGATE_13_KV_LD 55870	48.46 2.87 0.00	44.55 2.46 0.00	40.19 2.22 0.00	46.02 2.45 0.00	41.36 2.31 0.00	47.58 2.93 0.00	43.68 2.70 0.00	61.77 3.56 0.00	58.35 3.09 0.00	48.23 2.88 0.00	41.09 2.63 0.00	37.38 2.59 0.00	38.33 2.71 0.00	37.76 2.63 0.00	38.31 2.61 0.00	43.96 2.76 0.00	50.08 2.99 0.00	62.56 3.15 0.00	103.38 5.17 0.00	139.05 5.65 0.00	58.17 2.54 0.00	54.94 2.76 0.00	56.41 2.44 0.00	53.32 2.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.46 2.87 0.00	44.55 2.46 0.00	40.19 2.22 0.00	46.02 2.45 0.00	41.36 2.31 0.00	47.58 2.93 0.00	43.68 2.70 0.00	61.77 3.56 0.00	58.35 3.09 0.00	48.23 2.88 0.00	41.09 2.63 0.00	37.38 2.59 0.00	38.33 2.71 0.00	37.76 2.63 0.00	38.31 2.61 0.00	43.96 2.76 0.00	50.08 2.99 0.00	62.56 3.15 0.00	103.38 5.17 0.00	139.05 5.65 0.00	58.17 2.54 0.00	54.94 2.76 0.00	56.41 2.44 0.00	53.32 2.16 0.00
HEMPSTEAD____ 23647	46.34 2.41 1.67	44.35 2.26 0.00	40.07 2.10 0.00	45.81 2.25 0.00	41.23 2.19 0.00	47.26 2.61 0.00	42.71 1.82 0.09	47.86 2.44 12.78	44.88 2.28 12.66	47.90 2.54 0.00	45.87 2.61 -4.80	52.46 2.60 -15.07	38.42 2.57 -0.23	86.22 2.60 -48.49	42.72 2.47 -4.55	43.31 2.12 0.02	49.11 2.38 0.37	55.17 2.95 7.18	92.79 3.85 9.28	132.44 3.58 4.53	45.13 1.73 12.22	44.08 2.02 10.12	55.00 1.76 0.73	45.40 1.50 7.26
HICKLING___1 23621	43.91 -1.68 0.00	40.51 -1.58 0.00	36.60 -1.37 0.00	42.21 -1.35 0.00	38.18 -0.86 0.00	43.89 -0.76 0.00	40.02 -0.96 0.00	56.65 -1.55 0.00	53.44 -1.83 0.00	43.78 -1.57 0.00	37.02 -1.44 0.00	33.16 -1.64 0.00	34.10 -1.52 0.00	33.46 -1.67 0.00	34.04 -1.66 0.00	39.63 -1.57 0.00	45.33 -1.76 0.00	56.92 -2.49 0.00	95.71 -2.50 0.00	130.98 -2.41 0.00	53.88 -1.76 0.00	50.85 -1.34 0.00	53.42 -0.55 0.00	50.67 -0.49 0.00
HICKLING___2 23622	43.91 -1.68 0.00	40.51 -1.58 0.00	36.60 -1.37 0.00	42.21 -1.35 0.00	38.18 -0.86 0.00	43.89 -0.76 0.00	40.02 -0.96 0.00	56.65 -1.55 0.00	53.44 -1.83 0.00	43.78 -1.57 0.00	37.02 -1.44 0.00	33.16 -1.64 0.00	34.10 -1.52 0.00	33.46 -1.67 0.00	34.04 -1.66 0.00	39.63 -1.57 0.00	45.33 -1.76 0.00	56.92 -2.49 0.00	95.71 -2.50 0.00	130.98 -2.41 0.00	53.88 -1.76 0.00	50.85 -1.34 0.00	53.42 -0.55 0.00	50.67 -0.49 0.00
HIGH FALLS___HY 23754	48.33 2.74 0.00	44.56 2.48 0.00	40.19 2.22 0.00	46.06 2.49 0.00	41.39 2.35 0.00	47.39 2.74 0.00	43.52 2.54 0.00	61.78 3.58 0.00	58.38 3.12 0.00	48.01 2.65 0.00	40.69 2.23 0.00	36.94 2.15 0.00	37.97 2.35 0.00	37.48 2.35 0.00	37.96 2.26 0.00	43.76 2.55 0.00	50.04 2.94 0.00	62.82 3.41 0.00	104.01 5.80 0.00	140.26 6.87 0.00	58.56 2.93 0.00	55.18 3.00 0.00	56.80 2.82 0.00	53.62 2.46 0.00
HIGH_RIVER___SOLAR 323847	46.60 1.01 0.00	43.02 0.93 0.00	38.81 0.84 0.00	44.52 0.96 0.00	39.93 0.88 0.00	45.76 1.11 0.00	42.06 1.08 0.00	59.87 1.66 0.00	56.36 1.09 0.00	45.65 0.30 0.00	38.61 0.15 0.00	34.96 0.17 0.00	35.80 0.19 0.00	35.30 0.17 0.00	35.86 0.16 0.00	41.64 0.44 0.00	48.03 0.93 0.00	61.02 1.61 0.00	101.10 2.89 0.00	137.23 3.84 0.00	57.26 1.63 0.00	53.57 1.38 0.00	55.31 1.34 0.00	52.38 1.22 0.00
HILLBURN___GT 23639	48.20 2.61 0.00	44.45 2.36 0.00	40.12 2.15 0.00	45.98 2.42 0.00	41.33 2.29 0.00	47.30 2.65 0.00	43.39 2.41 0.00	61.56 3.35 0.00	58.08 2.81 0.00	47.81 2.46 0.00	40.66 2.20 0.00	36.98 2.19 0.00	37.95 2.34 0.00	37.38 2.25 0.00	37.92 2.22 0.00	43.59 2.38 0.00	49.75 2.65 0.00	62.44 3.03 0.00	103.23 5.01 0.00	138.85 5.46 0.00	57.99 2.36 0.00	54.72 2.54 0.00	56.34 2.36 0.00	53.18 2.02 0.00
HILLSIDE_115KV_TB1 80332	43.56 -2.03 0.00	40.18 -1.91 0.00	36.28 -1.69 0.00	41.85 -1.71 0.00	37.85 -1.19 0.00	43.47 -1.18 0.00	39.67 -1.31 0.00	56.24 -1.96 0.00	52.90 -2.37 0.00	43.34 -2.01 0.00	36.79 -1.67 0.00	33.02 -1.78 0.00	33.93 -1.68 0.00	33.25 -1.89 0.00	33.82 -1.88 0.00	39.34 -1.86 0.00	44.89 -2.21 0.00	56.27 -3.14 0.00	94.42 -3.79 0.00	129.12 -4.28 0.00	53.04 -2.59 0.00	50.06 -2.13 0.00	52.57 -1.40 0.00	49.79 -1.37 0.00

HISHELDN_WT_PWR 323625	42.60 -3.00 0.00	39.43 -2.66 0.00	35.67 -2.30 0.00	41.07 -2.50 0.00	37.08 -1.97 0.00	42.75 -1.90 0.00	38.47 -2.51 0.00	54.30 -3.91 0.00	51.96 -3.31 0.00	42.94 -2.41 0.00	36.36 -2.10 0.00	32.32 -2.48 0.00	33.12 -2.49 0.00	32.66 -2.48 0.00	33.17 -2.53 0.00	38.55 -2.65 0.00	44.09 -3.00 0.00	55.27 -4.13 0.00	93.25 -4.97 0.00	127.99 -5.41 0.00	52.90 -2.73 0.00	49.96 -2.23 0.00	52.83 -1.15 0.00	50.53 -0.63 0.00
HOLTSVILLE_IC_1 23690	40.23 1.75 7.11	43.83 1.74 0.00	39.63 1.66 0.00	45.25 1.69 0.00	40.76 1.71 0.00	46.91 2.26 0.00	37.97 1.01 4.02	21.23 1.35 38.32	17.83 1.40 38.83	43.26 1.82 3.92	40.77 2.19 -0.11	40.57 2.28 -3.49	37.95 2.23 -0.11	68.61 2.26 -31.21	41.77 2.12 -3.95	42.67 1.55 0.09	47.35 1.79 1.53	30.30 2.31 31.41	64.88 2.35 35.69	125.60 1.23 9.02	31.81 0.94 24.76	31.08 1.36 22.46	53.35 0.99 1.62	35.77 0.64 16.02
HOLTSVILLE_IC_10 23699	40.55 1.92 6.96	43.94 1.85 0.00	39.72 1.75 0.00	45.34 1.78 0.00	40.84 1.80 0.00	47.04 2.39 0.00	46.94 1.12 -4.84	23.18 1.50 36.52	18.60 1.56 38.22	50.28 1.94 -3.00	72.49 2.29 -31.74	69.80 2.37 -32.63	38.91 2.31 -0.99	86.52 2.33 -49.05	47.77 2.19 -9.89	42.79 1.67 0.08	47.62 1.94 1.42	31.19 2.54 30.75	65.97 2.77 35.01	126.26 1.77 8.90	32.39 1.16 24.40	31.58 1.55 22.16	53.57 1.20 1.60	36.14 0.79 15.81
HOLTSVILLE_IC_2 23691	40.23 1.75 7.11	43.83 1.74 0.00	39.63 1.66 0.00	45.25 1.69 0.00	40.76 1.71 0.00	46.91 2.26 0.00	37.97 1.01 4.02	21.23 1.35 38.32	17.83 1.40 38.83	43.26 1.82 3.92	40.77 2.19 -0.11	40.57 2.28 -3.49	37.95 2.23 -0.11	68.61 2.26 -31.21	41.77 2.12 -3.95	42.67 1.55 0.09	47.35 1.79 1.53	30.30 2.31 31.41	64.88 2.35 35.69	125.60 1.23 9.02	31.81 0.94 24.76	31.08 1.36 22.46	53.35 0.99 1.62	35.77 0.64 16.02
HOLTSVILLE_IC_3 23692	40.23 1.75 7.11	43.83 1.74 0.00	39.63 1.66 0.00	45.25 1.69 0.00	40.76 1.71 0.00	46.91 2.26 0.00	37.97 1.01 4.02	21.23 1.35 38.32	17.83 1.40 38.83	43.26 1.82 3.92	40.77 2.19 -0.11	40.57 2.28 -3.49	37.95 2.23 -0.11	68.61 2.26 -31.21	41.77 2.12 -3.95	42.67 1.55 0.09	47.35 1.79 1.53	30.30 2.31 31.41	64.88 2.35 35.69	125.60 1.23 9.02	31.81 0.94 24.76	31.08 1.36 22.46	53.35 0.99 1.62	35.77 0.64 16.02
HOLTSVILLE_IC_4 23693	40.23 1.75 7.11	43.83 1.74 0.00	39.63 1.66 0.00	45.25 1.69 0.00	40.76 1.71 0.00	46.91 2.26 0.00	37.97 1.01 4.02	21.23 1.35 38.32	17.83 1.40 38.83	43.26 1.82 3.92	40.77 2.19 -0.11	40.57 2.28 -3.49	37.95 2.23 -0.11	68.61 2.26 -31.21	41.77 2.12 -3.95	42.67 1.55 0.09	47.35 1.79 1.53	30.30 2.31 31.41	64.88 2.35 35.69	125.60 1.23 9.02	31.81 0.94 24.76	31.08 1.36 22.46	53.35 0.99 1.62	35.77 0.64 16.02
HOLTSVILLE_IC_5 23694	40.23 1.75 7.11	43.83 1.74 0.00	39.63 1.66 0.00	45.25 1.69 0.00	40.76 1.71 0.00	46.91 2.26 0.00	37.97 1.01 4.02	21.23 1.35 38.32	17.83 1.40 38.83	43.26 1.82 3.92	40.77 2.19 -0.11	40.57 2.28 -3.49	37.95 2.23 -0.11	68.61 2.26 -31.21	41.77 2.12 -3.95	42.67 1.55 0.09	47.35 1.79 1.53	30.30 2.31 31.41	64.88 2.35 35.69	125.60 1.23 9.02	31.81 0.94 24.76	31.08 1.36 22.46	53.35 0.99 1.62	35.77 0.64 16.02
HOLTSVILLE_IC_6 23695	40.55 1.92 6.96	43.94 1.85 0.00	39.72 1.75 0.00	45.34 1.78 0.00	40.84 1.80 0.00	47.04 2.39 0.00	46.94 1.12 -4.84	23.18 1.50 36.52	18.60 1.56 38.22	50.28 1.94 -3.00	72.49 2.29 -31.74	69.80 2.37 -32.63	38.91 2.31 -0.99	86.52 2.33 -49.05	47.77 2.19 -9.89	42.79 1.67 0.08	47.62 1.94 1.42	31.19 2.54 30.75	65.97 2.77 35.01	126.26 1.77 8.90	32.39 1.16 24.40	31.58 1.55 22.16	53.57 1.20 1.60	36.14 0.79 15.81
HOLTSVILLE_IC_7 23696	40.55 1.92 6.96	43.94 1.85 0.00	39.72 1.75 0.00	45.34 1.78 0.00	40.84 1.80 0.00	47.04 2.39 0.00	46.94 1.12 -4.84	23.18 1.50 36.52	18.60 1.56 38.22	50.28 1.94 -3.00	72.49 2.29 -31.74	69.80 2.37 -32.63	38.91 2.31 -0.99	86.52 2.33 -49.05	47.77 2.19 -9.89	42.79 1.67 0.08	47.62 1.94 1.42	31.19 2.54 30.75	65.97 2.77 35.01	126.26 1.77 8.90	32.39 1.16 24.40	31.58 1.55 22.16	53.57 1.20 1.60	36.14 0.79 15.81
HOLTSVILLE_IC_8 23697	40.55 1.92 6.96	43.94 1.85 0.00	39.72 1.75 0.00	45.34 1.78 0.00	40.84 1.80 0.00	47.04 2.39 0.00	46.94 1.12 -4.84	23.18 1.50 36.52	18.60 1.56 38.22	50.28 1.94 -3.00	72.49 2.29 -31.74	69.80 2.37 -32.63	38.91 2.31 -0.99	86.52 2.33 -49.05	47.77 2.19 -9.89	42.79 1.67 0.08	47.62 1.94 1.42	31.19 2.54 30.75	65.97 2.77 35.01	126.26 1.77 8.90	32.39 1.16 24.40	31.58 1.55 22.16	53.57 1.20 1.60	36.14 0.79 15.81
HOLTSVILLE_IC_9 23698	40.55 1.92 6.96	43.94 1.85 0.00	39.72 1.75 0.00	45.34 1.78 0.00	40.84 1.80 0.00	47.04 2.39 0.00	46.94 1.12 -4.84	23.18 1.50 36.52	18.60 1.56 38.22	50.28 1.94 -3.00	72.49 2.29 -31.74	69.80 2.37 -32.63	38.91 2.31 -0.99	86.52 2.33 -49.05	47.77 2.19 -9.89	42.79 1.67 0.08	47.62 1.94 1.42	31.19 2.54 30.75	65.97 2.77 35.01	126.26 1.77 8.90	32.39 1.16 24.40	31.58 1.55 22.16	53.57 1.20 1.60	36.14 0.79 15.81
HOMER_HL_115KV_TB2 355744	44.01 -1.58 0.00	40.70 -1.39 0.00	36.82 -1.15 0.00	42.46 -1.10 0.00	38.39 -0.65 0.00	44.18 -0.47 0.00	40.00 -0.97 0.00	56.61 -1.59 0.00	53.77 -1.50 0.00	44.28 -1.07 0.00	37.69 -0.77 0.00	33.70 -1.10 0.00	34.56 -1.06 0.00	33.87 -1.26 0.00	34.35 -1.35 0.00	39.73 -1.47 0.00	45.19 -1.90 0.00	56.94 -2.47 0.00	95.70 -2.51 0.00	130.45 -2.94 0.00	53.87 -1.76 0.00	50.86 -1.32 0.00	53.51 -0.46 0.00	50.92 -0.24 0.00
HOWARD_WT_PWR 323690	42.37 -3.22 0.00	39.28 -2.81 0.00	35.75 -2.21 0.00	41.24 -2.32 0.00	37.36 -1.69 0.00	43.25 -1.40 0.00	39.28 -1.70 0.00	55.34 -2.87 0.00	52.60 -2.66 0.00	42.75 -2.60 0.00	35.62 -2.85 0.00	31.71 -3.08 0.00	32.73 -2.88 0.00	32.26 -2.87 0.00	32.93 -2.77 0.00	38.45 -2.75 0.00	44.48 -2.62 0.00	56.16 -3.24 0.00	95.45 -2.77 0.00	131.56 -1.84 0.00	54.28 -1.35 0.00	51.31 -0.87 0.00	54.09 0.11 0.00	51.47 0.31 0.00
HQ_GEN_CEDARS 23644	46.15 0.55 0.00	42.63 0.54 0.00	38.44 0.48 0.00	44.10 0.54 0.00	39.56 0.52 0.00	45.39 0.74 0.00	41.70 0.72 0.00	59.37 1.17 0.00	56.75 1.49 0.00	46.68 1.32 0.00	39.64 1.17 0.00	35.77 0.97 0.00	36.60 0.99 0.00	36.11 0.98 0.00	36.67 0.97 0.00	42.40 1.19 0.00	48.55 1.45 0.00	61.31 1.91 0.00	101.68 3.46 0.00	138.31 4.92 0.00	57.77 2.14 0.00	54.02 1.84 0.00	55.93 1.96 0.00	53.13 1.97 0.00
HQ_GEN_CEDARS_PROXY 323590	46.15 0.56 0.00	42.62 0.54 0.00	38.44 0.48 0.00	44.10 0.54 0.00	39.56 0.52 0.00	45.39 0.74 0.00	41.70 0.72 0.00	59.37 1.17 0.00	56.75 1.49 0.00	46.68 1.32 0.00	39.64 1.17 0.00	35.77 0.97 0.00	36.60 0.99 0.00	36.11 0.98 0.00	36.67 0.97 0.00	42.39 1.19 0.00	48.55 1.45 0.00	61.31 1.91 0.00	101.68 3.46 0.00	138.31 4.92 0.00	57.77 2.14 0.00	54.02 1.83 0.00	55.93 1.96 0.00	49.97 1.97 3.15

HQ_GEN_IMPORT 323601	45.64 0.05 0.00	42.16 0.07 0.00	38.01 0.04 0.00	43.62 0.05 0.00	39.12 0.08 0.00	44.80 0.15 0.00	41.11 0.14 0.00	58.45 0.24 0.00	55.69 0.43 0.00	45.76 0.42 0.00	38.85 0.39 0.00	35.13 0.33 0.00	35.94 0.33 0.00	35.47 0.34 0.00	36.04 0.34 0.00	41.62 0.42 0.00	47.60 0.50 0.00	60.03 0.62 0.00	99.35 1.14 0.00	135.11 1.72 0.00	56.38 0.74 0.00	52.81 0.63 0.00	54.66 0.68 0.00	51.87 0.71 0.00
HQ_GEN_WHEEL 23651	45.64 0.05 0.00	42.16 0.07 0.00	38.01 0.04 0.00	43.62 0.05 0.00	39.12 0.08 0.00	44.80 0.15 0.00	41.11 0.14 0.00	58.45 0.24 0.00	55.69 0.43 0.00	45.76 0.42 0.00	38.85 0.39 0.00	35.13 0.33 0.00	35.94 0.33 0.00	35.47 0.34 0.00	36.04 0.34 0.00	41.62 0.42 0.00	47.60 0.50 0.00	60.03 0.62 0.00	99.35 1.14 0.00	135.11 1.72 0.00	56.38 0.74 0.00	52.81 0.63 0.00	54.66 0.68 0.00	51.87 0.71 0.00
HUDSON AVE_GT_3 23810	48.50 2.91 0.00	44.70 2.61 0.00	40.33 2.36 0.00	46.18 2.61 0.00	41.51 2.46 0.00	47.55 2.90 0.00	43.64 2.66 0.00	61.75 3.54 0.00	58.34 3.08 0.00	48.18 2.83 0.00	41.00 2.54 0.00	37.30 2.50 0.00	38.23 2.62 0.00	37.68 2.56 0.00	38.23 2.54 0.00	43.88 2.67 0.00	49.97 2.88 0.00	62.53 3.12 0.00	103.35 5.14 0.00	139.07 5.68 0.00	58.09 2.46 0.00	54.89 2.71 0.00	56.39 2.42 0.00	53.28 2.12 0.00
HUDSON AVE_GT_4 23540	48.50 2.91 0.00	44.70 2.61 0.00	40.33 2.36 0.00	46.18 2.61 0.00	41.51 2.46 0.00	47.55 2.90 0.00	43.64 2.66 0.00	61.75 3.54 0.00	58.34 3.08 0.00	48.18 2.83 0.00	41.00 2.54 0.00	37.30 2.50 0.00	38.23 2.62 0.00	37.68 2.56 0.00	38.23 2.54 0.00	43.88 2.67 0.00	49.97 2.88 0.00	62.53 3.12 0.00	103.35 5.14 0.00	139.07 5.68 0.00	58.09 2.46 0.00	54.89 2.71 0.00	56.39 2.42 0.00	53.28 2.12 0.00
HUDSON AVE_GT_5 23657	48.50 2.91 0.00	44.70 2.61 0.00	40.33 2.36 0.00	46.18 2.61 0.00	41.51 2.46 0.00	47.55 2.90 0.00	43.64 2.66 0.00	61.75 3.54 0.00	58.34 3.08 0.00	48.18 2.83 0.00	41.00 2.54 0.00	37.30 2.50 0.00	38.23 2.62 0.00	37.68 2.56 0.00	38.23 2.54 0.00	43.88 2.67 0.00	49.97 2.88 0.00	62.53 3.12 0.00	103.35 5.14 0.00	139.07 5.68 0.00	58.09 2.46 0.00	54.89 2.71 0.00	56.39 2.42 0.00	53.28 2.12 0.00
HUDSON_AVE_10 24168	48.35 2.76 0.00	44.54 2.45 0.00	40.18 2.21 0.00	46.00 2.44 0.00	41.33 2.29 0.00	47.37 2.72 0.00	43.50 2.52 0.00	61.57 3.36 0.00	58.15 2.89 0.00	48.00 2.65 0.00	40.87 2.40 0.00	37.18 2.38 0.00	38.11 2.50 0.00	37.57 2.44 0.00	38.12 2.42 0.00	43.74 2.53 0.00	49.81 2.72 0.00	62.31 2.91 0.00	103.02 4.81 0.00	138.55 5.16 0.00	57.90 2.27 0.00	54.73 2.54 0.00	56.20 2.22 0.00	53.09 1.93 0.00
HUDSON___115KV_TB 4 355613	47.47 1.88 0.00	43.77 1.68 0.00	39.48 1.51 0.00	45.26 1.69 0.00	40.57 1.53 0.00	46.40 1.75 0.00	42.69 1.71 0.00	60.68 2.47 0.00	57.28 2.01 0.00	46.54 1.19 0.00	39.48 1.02 0.00	35.75 0.95 0.00	36.48 0.87 0.00	35.91 0.77 0.00	36.49 0.80 0.00	42.03 0.82 0.00	48.20 1.11 0.00	61.33 1.93 0.00	101.40 3.19 0.00	137.57 4.18 0.00	57.32 1.69 0.00	53.69 1.50 0.00	55.32 1.35 0.00	52.29 1.13 0.00
HUNTER MOUNT___DRP 323613	47.51 1.92 0.00	43.79 1.71 0.00	39.49 1.52 0.00	45.29 1.73 0.00	40.58 1.54 0.00	46.42 1.77 0.00	42.73 1.75 0.00	60.75 2.55 0.00	57.39 2.12 0.00	46.61 1.26 0.00	39.53 1.07 0.00	35.78 0.98 0.00	36.48 0.87 0.00	35.88 0.75 0.00	36.51 0.82 0.00	42.06 0.85 0.00	48.21 1.11 0.00	61.48 2.07 0.00	101.70 3.49 0.00	138.01 4.62 0.00	57.49 1.86 0.00	53.80 1.61 0.00	55.43 1.46 0.00	52.40 1.24 0.00
HUNTINGTON_RES_REC 323705	40.55 1.86 6.90	43.92 1.83 0.00	39.71 1.74 0.00	45.33 1.77 0.00	40.83 1.79 0.00	46.87 2.22 0.00	38.92 1.04 3.09	22.48 1.34 37.06	18.72 1.37 37.92	44.38 1.81 2.79	50.74 2.24 -10.04	42.98 2.33 -5.86	38.27 2.28 -0.39	58.97 2.27 -21.56	43.66 2.15 -5.81	42.64 1.52 0.08	47.36 1.72 1.46	31.19 2.27 30.48	65.84 2.34 34.71	125.89 1.33 8.84	32.30 0.91 24.24	31.48 1.31 22.01	53.35 0.96 1.59	36.15 0.70 15.70
HUNTLEY___63 23557	43.33 -2.27 0.00	40.18 -1.90 0.00	36.30 -1.67 0.00	41.71 -1.86 0.00	37.57 -1.47 0.00	43.27 -1.38 0.00	38.67 -2.30 0.00	54.49 -3.71 0.00	52.26 -3.00 0.00	43.36 -1.99 0.00	37.03 -1.44 0.00	33.03 -1.77 0.00	33.79 -1.82 0.00	33.29 -1.84 0.00	33.77 -1.93 0.00	39.05 -2.15 0.00	44.16 -2.93 0.00	55.02 -4.39 0.00	92.39 -5.83 0.00	126.66 -6.74 0.00	52.49 -3.14 0.00	49.56 -2.63 0.00	52.65 -1.32 0.00	50.58 -0.58 0.00
HUNTLEY___64 23558	43.33 -2.27 0.00	40.18 -1.90 0.00	36.30 -1.67 0.00	41.71 -1.86 0.00	37.57 -1.47 0.00	43.27 -1.38 0.00	38.67 -2.30 0.00	54.49 -3.71 0.00	52.26 -3.00 0.00	43.36 -1.99 0.00	37.03 -1.44 0.00	33.03 -1.77 0.00	33.79 -1.82 0.00	33.29 -1.84 0.00	33.77 -1.93 0.00	39.05 -2.15 0.00	44.16 -2.93 0.00	55.02 -4.39 0.00	92.39 -5.83 0.00	126.66 -6.74 0.00	52.49 -3.14 0.00	49.56 -2.63 0.00	52.65 -1.32 0.00	50.58 -0.58 0.00
HUNTLEY___65 23559	43.33 -2.27 0.00	40.18 -1.90 0.00	36.30 -1.67 0.00	41.71 -1.86 0.00	37.57 -1.47 0.00	43.27 -1.38 0.00	38.67 -2.30 0.00	54.49 -3.71 0.00	52.26 -3.00 0.00	43.36 -1.99 0.00	37.03 -1.44 0.00	33.03 -1.77 0.00	33.79 -1.82 0.00	33.29 -1.84 0.00	33.77 -1.93 0.00	39.05 -2.15 0.00	44.16 -2.93 0.00	55.02 -4.39 0.00	92.39 -5.83 0.00	126.66 -6.74 0.00	52.49 -3.14 0.00	49.56 -2.63 0.00	52.65 -1.32 0.00	50.58 -0.58 0.00
HUNTLEY___66 23560	43.33 -2.27 0.00	40.18 -1.90 0.00	36.30 -1.67 0.00	41.71 -1.86 0.00	37.57 -1.47 0.00	43.27 -1.38 0.00	38.67 -2.30 0.00	54.49 -3.71 0.00	52.26 -3.00 0.00	43.36 -1.99 0.00	37.03 -1.44 0.00	33.03 -1.77 0.00	33.79 -1.82 0.00	33.29 -1.84 0.00	33.77 -1.93 0.00	39.05 -2.15 0.00	44.16 -2.93 0.00	55.02 -4.39 0.00	92.39 -5.83 0.00	126.66 -6.74 0.00	52.49 -3.14 0.00	49.56 -2.63 0.00	52.65 -1.32 0.00	50.58 -0.58 0.00
HUNTLEY___67 23561	43.15 -2.45 0.00	40.00 -2.09 0.00	36.13 -1.84 0.00	41.54 -2.03 0.00	37.41 -1.63 0.00	43.10 -1.55 0.00	38.59 -2.38 0.00	54.43 -3.77 0.00	52.18 -3.09 0.00	43.26 -2.09 0.00	36.96 -1.50 0.00	32.97 -1.82 0.00	33.75 -1.86 0.00	33.24 -1.89 0.00	33.70 -1.99 0.00	38.97 -2.24 0.00	44.10 -2.99 0.00	55.05 -4.35 0.00	92.42 -5.80 0.00	126.66 -6.74 0.00	52.47 -3.16 0.00	49.50 -2.68 0.00	52.42 -1.56 0.00	50.30 -0.86 0.00
HUNTLEY___68 23562	43.15 -2.45 0.00	40.00 -2.09 0.00	36.13 -1.84 0.00	41.54 -2.03 0.00	37.41 -1.63 0.00	43.10 -1.55 0.00	38.59 -2.38 0.00	54.43 -3.77 0.00	52.18 -3.09 0.00	43.26 -2.09 0.00	36.96 -1.50 0.00	32.97 -1.82 0.00	33.75 -1.86 0.00	33.24 -1.89 0.00	33.70 -1.99 0.00	38.97 -2.24 0.00	44.10 -2.99 0.00	55.05 -4.35 0.00	92.42 -5.80 0.00	126.66 -6.74 0.00	52.47 -3.16 0.00	49.50 -2.68 0.00	52.42 -1.56 0.00	50.30 -0.86 0.00

HYLAND___LFGE 323620	45.73 0.13 0.00	42.27 0.18 0.00	38.15 0.18 0.00	43.86 0.30 0.00	39.57 0.52 0.00	45.62 0.97 0.00	41.42 0.44 0.00	58.73 0.52 0.00	56.00 0.74 0.00	45.67 0.32 0.00	38.17 -0.30 0.00	33.66 -1.14 0.00	34.86 -0.75 0.00	34.16 -0.98 0.00	34.71 -0.99 0.00	40.19 -1.02 0.00	46.19 -0.91 0.00	59.06 -0.35 0.00	100.40 2.19 0.00	137.70 4.31 0.00	56.93 1.30 0.00	53.56 1.38 0.00	56.23 2.26 0.00	53.48 2.32 0.00
INDECK___CORINTH 23802	46.80 1.21 0.00	43.11 1.02 0.00	38.86 0.90 0.00	44.58 1.02 0.00	39.93 0.89 0.00	45.67 1.02 0.00	42.20 1.22 0.00	59.85 1.64 0.00	56.62 1.35 0.00	46.08 0.73 0.00	38.88 0.42 0.00	35.28 0.48 0.00	35.97 0.35 0.00	35.49 0.36 0.00	36.11 0.41 0.00	41.70 0.50 0.00	47.64 0.54 0.00	60.80 1.40 0.00	100.36 2.14 0.00	136.36 2.97 0.00	56.67 1.04 0.00	52.89 0.71 0.00	54.61 0.63 0.00	51.74 0.58 0.00
INDECK___ILION 23567	46.61 1.02 0.00	42.98 0.89 0.00	38.77 0.80 0.00	44.46 0.90 0.00	39.89 0.84 0.00	45.69 1.03 0.00	42.03 1.05 0.00	59.73 1.53 0.00	56.33 1.06 0.00	45.84 0.49 0.00	38.74 0.27 0.00	35.12 0.32 0.00	35.96 0.35 0.00	35.40 0.27 0.00	35.98 0.28 0.00	41.64 0.44 0.00	47.83 0.73 0.00	60.58 1.18 0.00	100.35 2.13 0.00	136.28 2.89 0.00	56.79 1.16 0.00	53.26 1.07 0.00	54.94 0.97 0.00	51.92 0.77 0.00
INDECK___OLEAN 23982	44.02 -1.57 0.00	40.70 -1.39 0.00	36.83 -1.14 0.00	42.46 -1.10 0.00	38.40 -0.64 0.00	44.18 -0.47 0.00	40.01 -0.97 0.00	56.61 -1.59 0.00	53.76 -1.50 0.00	44.29 -1.07 0.00	37.70 -0.77 0.00	33.70 -1.10 0.00	34.55 -1.06 0.00	33.87 -1.26 0.00	34.34 -1.35 0.00	39.73 -1.47 0.00	45.20 -1.90 0.00	56.91 -2.49 0.00	95.68 -2.54 0.00	130.45 -2.95 0.00	53.85 -1.78 0.00	50.82 -1.37 0.00	53.51 -0.47 0.00	50.91 -0.25 0.00
INDECK___OSWEGO 23783	44.34 -1.25 0.00	40.92 -1.17 0.00	36.93 -1.04 0.00	42.37 -1.19 0.00	37.93 -1.11 0.00	43.26 -1.40 0.00	39.69 -1.29 0.00	56.72 -1.48 0.00	53.67 -1.60 0.00	44.06 -1.29 0.00	37.32 -1.14 0.00	33.68 -1.12 0.00	34.46 -1.16 0.00	33.95 -1.18 0.00	34.54 -1.16 0.00	39.91 -1.29 0.00	45.64 -1.45 0.00	57.60 -1.81 0.00	95.35 -2.86 0.00	129.44 -3.96 0.00	53.91 -1.72 0.00	50.63 -1.55 0.00	52.41 -1.56 0.00	49.62 -1.54 0.00
INDECK___YERKES 23781	43.38 -2.22 0.00	40.20 -1.89 0.00	36.34 -1.62 0.00	41.75 -1.81 0.00	37.61 -1.44 0.00	43.29 -1.36 0.00	38.71 -2.27 0.00	54.54 -3.66 0.00	52.29 -2.98 0.00	43.39 -1.96 0.00	37.07 -1.40 0.00	33.05 -1.74 0.00	33.83 -1.79 0.00	33.31 -1.82 0.00	33.78 -1.92 0.00	39.09 -2.11 0.00	44.19 -2.90 0.00	55.04 -4.36 0.00	92.44 -5.77 0.00	126.73 -6.66 0.00	52.49 -3.14 0.00	49.54 -2.64 0.00	52.68 -1.30 0.00	50.63 -0.53 0.00
INDIAN POINT_GT_1 24139	48.09 2.50 0.00	44.34 2.25 0.00	40.02 2.05 0.00	45.86 2.30 0.00	41.21 2.16 0.00	47.17 2.52 0.00	43.27 2.29 0.00	61.34 3.14 0.00	57.91 2.64 0.00	47.70 2.35 0.00	40.57 2.10 0.00	36.90 2.10 0.00	37.83 2.22 0.00	37.28 2.15 0.00	37.81 2.12 0.00	43.44 2.23 0.00	49.56 2.46 0.00	62.17 2.76 0.00	102.74 4.52 0.00	138.26 4.87 0.00	57.75 2.12 0.00	54.50 2.31 0.00	56.07 2.09 0.00	52.98 1.82 0.00
INDIAN POINT_GT_2 23659	48.09 2.50 0.00	44.34 2.25 0.00	40.02 2.05 0.00	45.86 2.30 0.00	41.21 2.16 0.00	47.17 2.52 0.00	43.27 2.29 0.00	61.34 3.14 0.00	57.91 2.64 0.00	47.70 2.35 0.00	40.57 2.10 0.00	36.90 2.10 0.00	37.83 2.22 0.00	37.28 2.15 0.00	37.81 2.12 0.00	43.44 2.23 0.00	49.56 2.46 0.00	62.17 2.76 0.00	102.74 4.52 0.00	138.26 4.87 0.00	57.75 2.12 0.00	54.50 2.31 0.00	56.07 2.09 0.00	52.98 1.82 0.00
INDIAN POINT_GT_3 24019	48.09 2.50 0.00	44.34 2.25 0.00	40.02 2.05 0.00	45.86 2.30 0.00	41.21 2.16 0.00	47.17 2.52 0.00	43.27 2.29 0.00	61.34 3.14 0.00	57.91 2.64 0.00	47.70 2.35 0.00	40.57 2.10 0.00	36.90 2.10 0.00	37.83 2.22 0.00	37.28 2.15 0.00	37.81 2.12 0.00	43.44 2.23 0.00	49.56 2.46 0.00	62.17 2.76 0.00	102.74 4.52 0.00	138.26 4.87 0.00	57.75 2.12 0.00	54.50 2.31 0.00	56.07 2.09 0.00	52.98 1.82 0.00
INDIAN POINT___2 23530	48.08 2.49 0.00	44.33 2.24 0.00	40.01 2.04 0.00	45.86 2.29 0.00	41.21 2.17 0.00	47.16 2.51 0.00	43.26 2.28 0.00	61.35 3.14 0.00	57.90 2.64 0.00	47.67 2.32 0.00	40.53 2.06 0.00	36.87 2.08 0.00	37.83 2.21 0.00	37.25 2.12 0.00	37.80 2.10 0.00	43.42 2.22 0.00	49.54 2.45 0.00	62.16 2.75 0.00	102.74 4.52 0.00	138.21 4.82 0.00	57.75 2.11 0.00	54.49 2.30 0.00	56.08 2.10 0.00	52.98 1.82 0.00
INDIAN POINT___3 23531	48.10 2.50 0.00	44.34 2.25 0.00	40.02 2.06 0.00	45.87 2.30 0.00	41.21 2.17 0.00	47.16 2.51 0.00	43.27 2.29 0.00	61.34 3.13 0.00	57.90 2.64 0.00	47.70 2.35 0.00	40.57 2.10 0.00	36.90 2.10 0.00	37.83 2.22 0.00	37.28 2.15 0.00	37.82 2.12 0.00	43.44 2.23 0.00	49.54 2.45 0.00	62.14 2.73 0.00	102.66 4.45 0.00	138.20 4.80 0.00	57.73 2.10 0.00	54.48 2.29 0.00	56.06 2.08 0.00	52.97 1.81 0.00
INGHAM_C_115KV_TB7 356103	47.97 2.37 0.00	44.18 2.09 0.00	39.84 1.87 0.00	45.67 2.11 0.00	41.01 1.97 0.00	47.03 2.38 0.00	43.35 2.37 0.00	61.64 3.43 0.00	57.67 2.40 0.00	46.45 1.10 0.00	39.09 0.63 0.00	35.53 0.74 0.00	36.43 0.82 0.00	35.77 0.64 0.00	36.37 0.67 0.00	42.25 1.05 0.00	48.80 1.71 0.00	62.11 2.71 0.00	103.13 4.92 0.00	140.06 6.67 0.00	58.30 2.67 0.00	54.64 2.46 0.00	56.23 2.26 0.00	53.01 1.85 0.00
IP CORINTH___1 23988	47.04 1.45 0.00	43.35 1.26 0.00	39.08 1.11 0.00	44.82 1.26 0.00	40.14 1.10 0.00	45.90 1.25 0.00	42.43 1.45 0.00	60.19 1.99 0.00	56.95 1.68 0.00	46.32 0.97 0.00	39.10 0.63 0.00	35.45 0.66 0.00	36.15 0.54 0.00	35.67 0.54 0.00	36.30 0.60 0.00	41.92 0.72 0.00	47.89 0.79 0.00	61.16 1.75 0.00	100.93 2.71 0.00	137.15 3.76 0.00	57.00 1.37 0.00	53.20 1.01 0.00	54.93 0.95 0.00	52.01 0.85 0.00
IP___TICONDEROGA 23804	49.12 3.53 0.00	45.14 3.05 0.00	40.62 2.65 0.00	46.57 3.01 0.00	41.70 2.66 0.00	47.64 2.99 0.00	44.61 3.64 0.00	63.21 5.01 0.00	60.17 4.90 0.00	48.36 3.01 0.00	40.58 2.12 0.00	37.12 2.33 0.00	37.75 2.14 0.00	37.13 2.00 0.00	38.11 2.41 0.00	44.01 2.80 0.00	50.16 3.07 0.00	65.55 6.15 0.00	107.49 9.27 0.00	146.07 12.68 0.00	60.05 4.43 0.00	55.61 3.43 0.00	57.51 3.53 0.00	54.56 3.40 0.00
ISLIP_RES_REC 323679	40.79 2.06 6.86	44.06 1.97 0.00	39.83 1.86 0.00	45.46 1.89 0.00	40.95 1.91 0.00	47.18 2.53 0.00	45.48 1.24 -3.26	23.50 1.67 36.38	19.20 1.74 37.81	49.02 2.07 -1.60	66.02 2.41 -25.15	64.73 2.46 -27.48	38.79 2.37 -0.80	84.90 2.39 -47.38	46.60 2.26 -8.65	42.90 1.78 0.08	47.78 2.10 1.42	31.86 2.76 30.30	66.82 3.16 34.55	126.90 2.32 8.81	32.83 1.36 24.17	31.97 1.74 21.95	53.79 1.39 1.59	36.44 0.94 15.66

JAMAICA__27_KV_LOAD 355505	48.60 3.01 0.00	44.71 2.63 0.00	40.32 2.35 0.00	46.16 2.60 0.00	41.49 2.44 0.00	47.56 2.91 0.00	43.75 2.77 0.00	61.93 3.72 0.00	58.49 3.22 0.00	48.26 2.91 0.00	41.11 2.65 0.00	37.38 2.59 0.00	38.30 2.69 0.00	37.78 2.65 0.00	38.34 2.64 0.00	43.98 2.77 0.00	50.09 3.00 0.00	62.61 3.20 0.00	103.63 5.42 0.00	139.37 5.98 0.00	58.24 2.61 0.00	55.12 2.94 0.00	56.56 2.58 0.00	53.37 2.21 0.00
JANIS__SOLAR 323808	46.40 0.81 0.00	42.81 0.72 0.00	38.65 0.69 0.00	44.39 0.82 0.00	39.88 0.83 0.00	45.77 1.12 0.00	42.08 1.11 0.00	60.03 1.82 0.00	56.98 1.72 0.00	46.44 1.09 0.00	39.39 0.92 0.00	35.32 0.52 0.00	36.24 0.63 0.00	35.68 0.55 0.00	36.34 0.64 0.00	42.25 1.05 0.00	48.21 1.12 0.00	61.43 2.03 0.00	102.23 4.02 0.00	138.99 5.60 0.00	57.74 2.11 0.00	54.11 1.92 0.00	56.14 2.17 0.00	53.14 1.98 0.00
JARVIS____ 23743	45.76 0.17 0.00	42.23 0.14 0.00	38.12 0.15 0.00	43.72 0.16 0.00	39.19 0.15 0.00	44.81 0.16 0.00	41.14 0.16 0.00	58.46 0.25 0.00	55.41 0.14 0.00	45.41 0.06 0.00	38.49 0.03 0.00	34.83 0.03 0.00	35.65 0.04 0.00	35.17 0.03 0.00	35.73 0.04 0.00	41.24 0.04 0.00	47.17 0.07 0.00	59.52 0.12 0.00	98.31 0.10 0.00	133.47 0.08 0.00	55.68 0.05 0.00	52.24 0.05 0.00	53.98 0.00 0.00	51.13 -0.02 0.00
JENNISON____1 23625	45.31 -0.28 0.00	41.80 -0.28 0.00	37.73 -0.24 0.00	43.38 -0.18 0.00	39.03 -0.02 0.00	44.84 0.18 0.00	41.20 0.23 0.00	58.71 0.50 0.00	55.82 0.56 0.00	45.81 0.46 0.00	38.85 0.39 0.00	34.99 0.19 0.00	35.80 0.19 0.00	35.11 -0.02 0.00	35.94 0.25 0.00	42.02 0.81 0.00	48.21 1.11 0.00	61.39 1.99 0.00	101.73 3.51 0.00	138.65 5.26 0.00	57.60 1.97 0.00	53.97 1.78 0.00	56.15 2.18 0.00	53.18 2.02 0.00
JENNISON____2 23626	45.31 -0.28 0.00	41.80 -0.28 0.00	37.73 -0.24 0.00	43.38 -0.18 0.00	39.03 -0.02 0.00	44.84 0.18 0.00	41.20 0.23 0.00	58.71 0.50 0.00	55.82 0.56 0.00	45.81 0.46 0.00	38.85 0.39 0.00	34.99 0.19 0.00	35.80 0.19 0.00	35.11 -0.02 0.00	35.94 0.25 0.00	42.02 0.81 0.00	48.21 1.11 0.00	61.39 1.99 0.00	101.73 3.51 0.00	138.65 5.26 0.00	57.60 1.97 0.00	53.97 1.78 0.00	56.15 2.18 0.00	53.18 2.02 0.00
JERICOHO_RISE_WT_PWR 323719	44.47 -1.12 0.00	41.07 -1.02 0.00	36.99 -0.99 0.00	42.43 -1.13 0.00	38.10 -0.94 0.00	43.67 -0.98 0.00	40.22 -0.76 0.00	57.33 -0.87 0.00	54.78 -0.49 0.00	45.13 -0.22 0.00	38.38 -0.09 0.00	34.69 -0.10 0.00	35.52 -0.10 0.00	35.09 -0.04 0.00	35.64 -0.06 0.00	41.21 0.01 0.00	47.41 0.31 0.00	59.92 0.52 0.00	99.08 0.87 0.00	135.47 2.07 0.00	56.68 1.05 0.00	52.99 0.80 0.00	54.86 0.89 0.00	52.23 1.07 0.00
KATONAH__115KV_46KV_TB4 355592	48.28 2.69 0.00	44.50 2.42 0.00	40.15 2.18 0.00	46.00 2.44 0.00	41.32 2.28 0.00	47.31 2.66 0.00	43.42 2.44 0.00	61.54 3.33 0.00	58.14 2.87 0.00	47.91 2.56 0.00	40.74 2.27 0.00	37.04 2.25 0.00	37.97 2.35 0.00	37.41 2.28 0.00	37.96 2.26 0.00	43.60 2.39 0.00	49.73 2.63 0.00	62.40 3.00 0.00	103.10 4.88 0.00	138.86 5.47 0.00	57.99 2.36 0.00	54.70 2.52 0.00	56.26 2.28 0.00	53.15 1.99 0.00
KCE_NY_1 323755	47.46 1.87 0.00	43.77 1.68 0.00	39.48 1.51 0.00	45.26 1.69 0.00	40.56 1.51 0.00	46.40 1.74 0.00	42.76 1.78 0.00	60.71 2.51 0.00	57.33 2.06 0.00	46.70 1.35 0.00	39.43 0.96 0.00	35.70 0.91 0.00	36.47 0.85 0.00	35.98 0.84 0.00	36.63 0.93 0.00	42.28 1.07 0.00	48.41 1.32 0.00	61.44 2.03 0.00	101.34 3.12 0.00	137.51 4.11 0.00	57.26 1.63 0.00	53.56 1.37 0.00	55.27 1.29 0.00	52.29 1.13 0.00
KCE_NY_6_ESR 323823	43.44 -2.15 0.00	40.22 -1.87 0.00	36.32 -1.65 0.00	41.75 -1.81 0.00	37.62 -1.43 0.00	43.39 -1.26 0.00	38.93 -2.05 0.00	55.00 -3.20 0.00	52.69 -2.57 0.00	43.68 -1.67 0.00	37.23 -1.24 0.00	33.19 -1.61 0.00	33.97 -1.65 0.00	33.43 -1.70 0.00	33.89 -1.81 0.00	39.26 -1.95 0.00	44.53 -2.56 0.00	55.69 -3.72 0.00	93.64 -4.57 0.00	128.47 -4.93 0.00	53.12 -2.51 0.00	50.12 -2.06 0.00	53.01 -0.96 0.00	50.79 -0.37 0.00
KEDC_PORT_JEFF_GT2 24210	40.43 1.86 7.02	43.89 1.80 0.00	39.67 1.70 0.00	45.29 1.73 0.00	40.79 1.75 0.00	46.98 2.33 0.00	40.72 1.06 1.31	22.09 1.43 37.54	18.31 1.48 38.44	45.47 1.89 1.77	51.15 2.25 -10.44	49.46 2.33 -12.33	38.29 2.28 -0.40	72.95 2.31 -35.52	43.76 2.18 -5.88	42.74 1.62 0.08	47.49 1.89 1.49	30.86 2.44 30.99	65.59 2.63 35.25	125.98 1.53 8.94	32.17 1.06 24.53	31.39 1.47 22.27	53.49 1.12 1.61	36.00 0.73 15.88
KEDC_PORT_JEFF_GT3 24211	40.43 1.86 7.02	43.89 1.80 0.00	39.67 1.70 0.00	45.29 1.73 0.00	40.79 1.75 0.00	46.98 2.33 0.00	40.72 1.06 1.31	22.09 1.43 37.54	18.31 1.48 38.44	45.47 1.89 1.77	51.15 2.25 -10.44	49.46 2.33 -12.33	38.29 2.28 -0.40	72.95 2.31 -35.52	43.76 2.18 -5.88	42.74 1.62 0.08	47.49 1.89 1.49	30.86 2.44 30.99	65.59 2.63 35.25	125.98 1.53 8.94	32.17 1.06 24.53	31.39 1.47 22.27	53.49 1.12 1.61	36.00 0.73 15.88
KEDC_GLWD_GT4 24219	47.50 2.86 0.95	44.71 2.63 0.00	40.36 2.39 0.00	46.19 2.63 0.00	41.53 2.49 0.00	47.59 2.94 0.00	43.34 2.42 0.05	55.73 3.28 5.76	52.39 2.93 5.81	48.20 2.85 0.00	45.49 2.71 -4.32	50.99 2.65 -13.54	38.54 2.71 -0.21	81.40 2.69 -43.58	42.42 2.63 -4.09	43.76 2.56 0.01	49.72 2.84 0.21	58.99 3.35 3.77	98.24 5.02 5.00	135.83 5.33 2.88	50.12 2.30 7.81	47.96 2.48 6.70	55.73 2.24 0.48	48.29 1.95 4.81
KEDC_GLWD_GT5 24220	47.50 2.86 0.95	44.71 2.63 0.00	40.36 2.39 0.00	46.19 2.63 0.00	41.53 2.49 0.00	47.59 2.94 0.00	43.34 2.42 0.05	55.73 3.28 5.76	52.39 2.93 5.81	48.20 2.85 0.00	45.49 2.71 -4.32	50.99 2.65 -13.54	38.54 2.71 -0.21	81.40 2.69 -43.58	42.42 2.63 -4.09	43.76 2.56 0.01	49.72 2.84 0.21	58.99 3.35 3.77	98.24 5.02 5.00	135.83 5.33 2.88	50.12 2.30 7.81	47.96 2.48 6.70	55.73 2.24 0.48	48.29 1.95 4.81
KENSICO____ 23655	48.19 2.60 0.00	44.42 2.33 0.00	40.09 2.12 0.00	45.93 2.37 0.00	41.27 2.23 0.00	47.25 2.60 0.00	43.34 2.36 0.00	61.42 3.21 0.00	57.99 2.73 0.00	47.80 2.44 0.00	40.66 2.20 0.00	36.99 2.20 0.00	37.92 2.31 0.00	37.37 2.24 0.00	37.91 2.22 0.00	43.52 2.32 0.00	49.64 2.54 0.00	62.23 2.83 0.00	102.81 4.59 0.00	138.40 5.01 0.00	57.81 2.18 0.00	54.57 2.38 0.00	56.12 2.15 0.00	53.03 1.87 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.26 2.67 0.00	44.49 2.41 0.00	40.13 2.16 0.00	46.01 2.44 0.00	41.32 2.27 0.00	47.31 2.66 0.00	43.46 2.48 0.00	61.70 3.50 0.00	58.29 3.03 0.00	47.89 2.54 0.00	40.61 2.14 0.00	36.87 2.07 0.00	37.85 2.24 0.00	37.36 2.23 0.00	37.83 2.13 0.00	43.63 2.42 0.00	49.92 2.83 0.00	62.71 3.31 0.00	103.84 5.63 0.00	140.08 6.68 0.00	58.46 2.82 0.00	55.06 2.88 0.00	56.68 2.71 0.00	53.51 2.36 0.00

KIAC_JFK_GT1 23816	48.34 2.75 0.00	44.47 2.39 0.00	40.11 2.14 0.00	45.92 2.35 0.00	41.26 2.22 0.00	47.30 2.65 0.00	43.52 2.54 0.00	61.59 3.39 0.00	58.17 2.90 0.00	48.00 2.65 0.00	40.89 2.42 0.00	37.20 2.40 0.00	38.11 2.50 0.00	37.59 2.45 0.00	38.14 2.44 0.00	43.74 2.54 0.00	49.76 2.66 0.00	62.02 2.62 0.00	102.63 4.42 0.00	137.98 4.59 0.00	57.69 2.06 0.00	54.80 2.62 0.00	56.23 2.25 0.00	53.06 1.90 0.00
KIAC_JFK_GT2 23817	48.34 2.75 0.00	44.47 2.39 0.00	40.11 2.14 0.00	45.92 2.35 0.00	41.26 2.22 0.00	47.30 2.65 0.00	43.52 2.54 0.00	61.59 3.39 0.00	58.17 2.90 0.00	48.00 2.65 0.00	40.89 2.42 0.00	37.20 2.40 0.00	38.11 2.50 0.00	37.59 2.45 0.00	38.14 2.44 0.00	43.74 2.54 0.00	49.76 2.66 0.00	62.02 2.62 0.00	102.63 4.42 0.00	137.98 4.59 0.00	57.69 2.06 0.00	54.80 2.62 0.00	56.23 2.25 0.00	53.06 1.90 0.00
KIAC_JFK____ 323774	48.34 2.75 0.00	44.47 2.38 0.00	40.11 2.14 0.00	45.91 2.35 0.00	41.26 2.22 0.00	47.30 2.65 0.00	43.53 2.55 0.00	61.59 3.39 0.00	58.17 2.90 0.00	48.00 2.65 0.00	40.89 2.42 0.00	37.20 2.40 0.00	38.11 2.50 0.00	37.58 2.45 0.00	38.15 2.45 0.00	43.75 2.54 0.00	49.75 2.66 0.00	62.03 2.63 0.00	102.63 4.42 0.00	137.98 4.58 0.00	57.69 2.06 0.00	54.80 2.62 0.00	56.23 2.25 0.00	53.06 1.90 0.00
KINTIGH__24_KV_GSU 356498	43.52 -2.08 0.00	40.30 -1.78 0.00	36.41 -1.56 0.00	41.85 -1.72 0.00	37.65 -1.39 0.00	43.29 -1.36 0.00	38.94 -2.04 0.00	54.95 -3.25 0.00	52.61 -2.66 0.00	43.55 -1.80 0.00	37.18 -1.29 0.00	33.26 -1.53 0.00	34.05 -1.56 0.00	33.55 -1.59 0.00	34.01 -1.68 0.00	39.32 -1.88 0.00	44.53 -2.56 0.00	55.66 -3.75 0.00	93.18 -5.04 0.00	127.40 -5.99 0.00	52.82 -2.81 0.00	49.76 -2.43 0.00	52.50 -1.47 0.00	50.27 -0.89 0.00
KINTIGH____ 23543	43.48 -2.11 0.00	40.28 -1.81 0.00	36.38 -1.58 0.00	41.82 -1.74 0.00	37.63 -1.42 0.00	43.27 -1.38 0.00	38.92 -2.06 0.00	54.95 -3.26 0.00	52.58 -2.68 0.00	43.51 -1.84 0.00	37.16 -1.31 0.00	33.24 -1.56 0.00	34.02 -1.59 0.00	33.52 -1.61 0.00	33.99 -1.70 0.00	39.30 -1.91 0.00	44.50 -2.59 0.00	55.65 -3.76 0.00	93.12 -5.09 0.00	127.34 -6.06 0.00	52.81 -2.82 0.00	49.77 -2.41 0.00	52.47 -1.50 0.00	50.24 -0.92 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.08 -0.51 0.00	41.60 -0.48 0.00	37.46 -0.51 0.00	43.00 -0.57 0.00	38.58 -0.46 0.00	44.20 -0.46 0.00	40.80 -0.18 0.00	58.19 -0.01 0.00	55.58 0.31 0.00	45.75 0.39 0.00	38.88 0.42 0.00	35.23 0.43 0.00	36.03 0.42 0.00	35.59 0.46 0.00	36.22 0.52 0.00	41.89 0.68 0.00	48.11 1.02 0.00	60.99 1.58 0.00	100.74 2.53 0.00	137.72 4.32 0.00	57.63 1.99 0.00	53.79 1.60 0.00	55.69 1.71 0.00	53.06 1.90 0.00
LACHUTE____HYDRO 323717	49.12 3.53 0.00	45.14 3.05 0.00	40.62 2.65 0.00	46.57 3.01 0.00	41.70 2.66 0.00	47.64 2.99 0.00	44.61 3.64 0.00	63.21 5.01 0.00	60.17 4.90 0.00	48.36 3.01 0.00	40.58 2.12 0.00	37.12 2.33 0.00	37.75 2.14 0.00	37.13 2.00 0.00	38.10 2.41 0.00	44.01 2.80 0.00	50.16 3.07 0.00	65.55 6.15 0.00	107.49 9.27 0.00	146.07 12.68 0.00	60.05 4.43 0.00	55.61 3.43 0.00	57.51 3.53 0.00	54.56 3.40 0.00
LAWRNCALV_115KV_TB1 80681	46.07 0.48 0.00	42.55 0.46 0.00	38.37 0.40 0.00	44.02 0.46 0.00	39.50 0.45 0.00	45.35 0.70 0.00	41.74 0.76 0.00	59.56 1.36 0.00	56.96 1.70 0.00	46.83 1.48 0.00	39.71 1.25 0.00	35.78 0.98 0.00	36.58 0.97 0.00	36.01 0.88 0.00	36.61 0.91 0.00	42.34 1.14 0.00	48.58 1.49 0.00	61.53 2.13 0.00	102.27 4.06 0.00	139.14 5.74 0.00	58.13 2.49 0.00	54.30 2.12 0.00	56.19 2.21 0.00	53.36 2.20 0.00
LEDERLE____ 23769	48.38 2.79 0.00	44.59 2.51 0.00	40.25 2.29 0.00	46.14 2.57 0.00	41.48 2.43 0.00	47.47 2.82 0.00	43.54 2.57 0.00	61.77 3.57 0.00	58.29 3.02 0.00	47.98 2.63 0.00	40.80 2.34 0.00	37.12 2.32 0.00	38.08 2.46 0.00	37.50 2.37 0.00	38.06 2.36 0.00	43.75 2.54 0.00	49.96 2.86 0.00	62.82 3.42 0.00	103.85 5.64 0.00	139.70 6.30 0.00	58.35 2.72 0.00	55.05 2.87 0.00	56.65 2.68 0.00	53.35 2.19 0.00
LIGHTHSE_115KV_TB6 355974	44.52 -1.08 0.00	41.07 -1.02 0.00	37.08 -0.89 0.00	42.51 -1.05 0.00	38.11 -0.93 0.00	43.57 -1.08 0.00	40.08 -0.90 0.00	57.40 -0.81 0.00	54.62 -0.65 0.00	44.86 -0.49 0.00	37.87 -0.60 0.00	34.01 -0.79 0.00	34.67 -0.95 0.00	34.20 -0.94 0.00	34.90 -0.80 0.00	40.41 -0.79 0.00	46.45 -0.65 0.00	58.79 -0.62 0.00	97.49 -0.72 0.00	132.37 -1.02 0.00	55.19 -0.44 0.00	51.76 -0.42 0.00	53.53 -0.45 0.00	50.65 -0.51 0.00
LINDEN COGEN____ 23786	45.31 2.63 2.91	42.98 2.34 1.45	39.47 2.13 0.62	44.00 2.35 1.92	41.10 2.24 0.18	45.02 2.63 2.27	43.39 2.42 0.00	61.44 3.24 0.00	40.52 2.76 17.50	44.92 2.53 2.95	39.12 2.27 1.62	37.07 2.28 0.00	37.88 2.41 0.14	37.47 2.34 0.00	37.78 2.30 0.23	40.78 2.42 2.85	42.85 2.59 6.84	44.01 2.80 18.20	102.83 4.61 0.00	136.66 4.88 1.62	39.60 2.15 18.18	45.64 2.39 8.93	39.11 2.08 16.94	40.04 1.79 12.91
LINDHRST_69_KV_BK1 356055	43.58 2.69 4.70	44.63 2.54 0.00	40.35 2.38 0.00	46.07 2.51 0.00	41.49 2.45 0.00	47.62 2.97 0.00	42.52 1.93 0.38	32.02 2.54 28.73	28.72 2.45 29.00	47.04 2.78 1.09	46.48 2.94 -5.07	53.22 2.96 -15.46	38.69 2.83 -0.25	88.18 2.85 -50.21	43.19 2.68 -4.81	43.46 2.32 0.06	48.74 2.68 1.04	42.13 3.46 20.74	77.85 4.46 24.82	130.37 4.39 7.41	37.56 2.13 20.20	36.96 2.39 17.61	54.87 2.16 1.28	40.36 1.78 12.58
LIPA_MISC_IPP 23656	40.09 1.59 7.09	43.56 1.48 0.00	39.38 1.41 0.00	44.96 1.40 0.00	40.49 1.45 0.00	46.73 2.08 0.00	22.66 0.67 18.98	18.78 0.89 40.31	17.52 1.00 38.74	31.01 1.48 15.81	-13.59 1.90 53.95	-9.00 2.02 45.81	36.22 2.00 1.39	38.99 2.03 -1.82	31.37 1.89 6.22	42.45 1.34 0.09	46.97 1.55 1.67	30.05 1.96 31.32	64.31 1.69 35.59	124.63 0.24 9.01	31.50 0.57 24.71	30.81 1.04 22.42	53.02 0.67 1.62	35.39 0.22 15.99
LISF____SOLAR 323691	40.13 1.60 7.06	43.60 1.52 0.00	39.41 1.44 0.00	45.00 1.44 0.00	40.53 1.49 0.00	46.79 2.14 0.00	14.50 0.73 27.21	17.83 0.98 41.35	17.70 1.07 38.63	24.49 1.51 22.37	-43.32 1.93 83.72	-36.08 2.03 72.90	35.41 2.01 2.21	22.90 2.03 14.26	25.79 1.91 11.82	42.48 1.37 0.09	46.94 1.60 1.75	30.28 2.07 31.19	64.64 1.89 35.47	124.84 0.43 8.98	31.67 0.68 24.64	30.97 1.14 22.36	53.12 0.76 1.62	35.52 0.31 15.95
LITTLE FALLS____HYD 24013	47.97 2.37 0.00	44.18 2.09 0.00	39.84 1.87 0.00	45.67 2.11 0.00	41.01 1.97 0.00	47.03 2.38 0.00	43.35 2.37 0.00	61.64 3.43 0.00	57.67 2.40 0.00	46.45 1.10 0.00	39.09 0.63 0.00	35.53 0.74 0.00	36.43 0.82 0.00	35.77 0.64 0.00	36.37 0.67 0.00	42.25 1.05 0.00	48.80 1.71 0.00	62.11 2.71 0.00	103.13 4.92 0.00	140.06 6.67 0.00	58.30 2.67 0.00	54.64 2.46 0.00	56.23 2.26 0.00	53.01 1.85 0.00

LITTLRIV_115KV_TB1 356100	46.64 1.05 0.00	43.08 0.99 0.00	38.83 0.86 0.00	44.56 0.99 0.00	40.00 0.95 0.00	45.95 1.30 0.00	42.33 1.35 0.00	60.47 2.26 0.00	57.84 2.58 0.00	47.52 2.17 0.00	40.20 1.74 0.00	36.12 1.32 0.00	36.97 1.36 0.00	36.42 1.29 0.00	36.98 1.28 0.00	42.83 1.62 0.00	49.18 2.09 0.00	62.41 3.00 0.00	103.83 5.61 0.00	141.26 7.87 0.00	58.98 3.35 0.00	55.05 2.86 0.00	56.94 2.96 0.00	54.05 2.90 0.00
LI_NEWBRDGE___DRP 323616	39.87 2.19 7.92	44.20 2.11 0.00	39.96 1.99 0.00	45.64 2.08 0.00	41.11 2.07 0.00	47.16 2.51 0.00	42.08 1.53 0.42	18.83 2.03 41.40	15.01 1.99 42.25	47.81 2.46 0.00	46.32 2.65 -5.21	53.79 2.66 -16.33	38.43 2.57 -0.25	90.39 2.69 -52.57	43.05 2.41 -4.94	42.98 1.87 0.09	47.58 2.16 1.68	27.15 2.71 34.97	62.02 3.19 39.38	126.40 2.52 9.51	30.88 1.39 26.15	29.78 1.74 24.15	53.71 1.48 1.74	35.17 1.23 17.22
LOCKPORT_115KV_TB60_63_64 80432	43.20 -2.40 0.00	40.07 -2.01 0.00	36.22 -1.75 0.00	41.58 -1.98 0.00	37.46 -1.58 0.00	43.14 -1.51 0.00	38.43 -2.55 0.00	54.10 -4.10 0.00	51.89 -3.37 0.00	43.06 -2.29 0.00	36.82 -1.65 0.00	32.79 -2.00 0.00	33.54 -2.07 0.00	33.06 -2.08 0.00	33.52 -2.17 0.00	38.77 -2.44 0.00	43.84 -3.26 0.00	54.75 -4.65 0.00	91.97 -6.24 0.00	126.04 -7.35 0.00	52.25 -3.38 0.00	49.35 -2.84 0.00	52.29 -1.68 0.00	50.22 -0.93 0.00
LOCKPORT___CC1 323769	43.16 -2.43 0.00	40.01 -2.08 0.00	36.17 -1.80 0.00	41.53 -2.03 0.00	37.42 -1.63 0.00	43.10 -1.55 0.00	38.43 -2.55 0.00	54.09 -4.12 0.00	51.88 -3.39 0.00	43.06 -2.29 0.00	36.80 -1.66 0.00	32.79 -2.01 0.00	33.54 -2.07 0.00	33.05 -2.09 0.00	33.51 -2.19 0.00	38.76 -2.44 0.00	43.84 -3.26 0.00	54.74 -4.67 0.00	91.97 -6.25 0.00	126.08 -7.31 0.00	52.22 -3.41 0.00	49.29 -2.90 0.00	52.27 -1.70 0.00	50.20 -0.95 0.00
LOCKPORT___CC2 323770	43.16 -2.43 0.00	40.01 -2.08 0.00	36.17 -1.80 0.00	41.53 -2.03 0.00	37.42 -1.63 0.00	43.10 -1.55 0.00	38.43 -2.55 0.00	54.09 -4.12 0.00	51.88 -3.39 0.00	43.06 -2.29 0.00	36.80 -1.66 0.00	32.79 -2.01 0.00	33.54 -2.07 0.00	33.05 -2.09 0.00	33.51 -2.19 0.00	38.76 -2.44 0.00	43.84 -3.26 0.00	54.74 -4.67 0.00	91.97 -6.25 0.00	126.08 -7.31 0.00	52.22 -3.41 0.00	49.29 -2.90 0.00	52.27 -1.70 0.00	50.20 -0.95 0.00
LOCKPORT___CC3 323771	43.16 -2.43 0.00	40.01 -2.08 0.00	36.17 -1.80 0.00	41.53 -2.03 0.00	37.42 -1.63 0.00	43.10 -1.55 0.00	38.43 -2.55 0.00	54.09 -4.12 0.00	51.88 -3.39 0.00	43.06 -2.29 0.00	36.80 -1.66 0.00	32.79 -2.01 0.00	33.54 -2.07 0.00	33.05 -2.09 0.00	33.51 -2.19 0.00	38.76 -2.44 0.00	43.84 -3.26 0.00	54.74 -4.67 0.00	91.97 -6.25 0.00	126.08 -7.31 0.00	52.22 -3.41 0.00	49.29 -2.90 0.00	52.27 -1.70 0.00	50.20 -0.95 0.00
LOCUSVLY_69_KV_BK2 55797	45.81 2.66 2.44	44.56 2.47 0.00	40.26 2.29 0.00	46.02 2.46 0.00	41.42 2.38 0.00	47.48 2.83 0.00	42.94 2.09 0.13	46.46 2.80 14.54	43.17 2.58 14.67	48.42 2.70 -0.37	45.75 2.73 -4.56	51.81 2.72 -14.29	38.57 2.73 -0.22	83.87 2.73 -46.00	42.63 2.62 -4.32	43.53 2.35 0.03	49.19 2.62 0.52	52.15 3.18 10.44	90.04 4.42 12.59	133.31 4.36 4.45	45.54 2.03 12.12	43.78 2.27 10.67	55.22 2.02 0.77	45.26 1.73 7.63
LONG_LAKE_PHOENIX 24014	44.61 -0.98 0.00	41.13 -0.96 0.00	37.15 -0.82 0.00	42.63 -0.93 0.00	38.17 -0.87 0.00	43.54 -1.11 0.00	39.90 -1.08 0.00	57.04 -1.17 0.00	53.92 -1.35 0.00	44.26 -1.10 0.00	37.53 -0.94 0.00	33.91 -0.88 0.00	34.70 -0.92 0.00	34.15 -0.98 0.00	34.70 -1.00 0.00	40.13 -1.08 0.00	45.86 -1.24 0.00	57.84 -1.56 0.00	95.75 -2.46 0.00	129.97 -3.42 0.00	54.12 -1.52 0.00	50.83 -1.36 0.00	52.63 -1.35 0.00	49.79 -1.36 0.00
LOVETT___3 23632	48.11 2.52 0.00	44.35 2.26 0.00	40.04 2.07 0.00	45.88 2.32 0.00	41.24 2.20 0.00	47.19 2.54 0.00	43.28 2.31 0.00	61.38 3.17 0.00	57.91 2.65 0.00	47.70 2.35 0.00	40.58 2.11 0.00	36.91 2.11 0.00	37.86 2.24 0.00	37.29 2.16 0.00	37.84 2.14 0.00	43.46 2.26 0.00	49.57 2.48 0.00	62.12 2.72 0.00	102.65 4.44 0.00	138.17 4.77 0.00	57.69 2.06 0.00	54.46 2.27 0.00	56.06 2.09 0.00	53.00 1.84 0.00
LOVETT___4 23642	48.11 2.52 0.00	44.35 2.26 0.00	40.04 2.07 0.00	45.88 2.32 0.00	41.24 2.20 0.00	47.19 2.54 0.00	43.28 2.31 0.00	61.38 3.17 0.00	57.91 2.65 0.00	47.70 2.35 0.00	40.58 2.11 0.00	36.91 2.11 0.00	37.86 2.24 0.00	37.29 2.16 0.00	37.84 2.14 0.00	43.46 2.26 0.00	49.57 2.48 0.00	62.12 2.72 0.00	102.65 4.44 0.00	138.17 4.77 0.00	57.69 2.06 0.00	54.46 2.27 0.00	56.06 2.09 0.00	53.00 1.84 0.00
LOVETT___5 23593	48.11 2.52 0.00	44.35 2.26 0.00	40.04 2.07 0.00	45.88 2.32 0.00	41.24 2.20 0.00	47.19 2.54 0.00	43.28 2.31 0.00	61.38 3.17 0.00	57.91 2.65 0.00	47.70 2.35 0.00	40.58 2.11 0.00	36.91 2.11 0.00	37.86 2.24 0.00	37.29 2.16 0.00	37.84 2.14 0.00	43.46 2.26 0.00	49.57 2.48 0.00	62.12 2.72 0.00	102.65 4.44 0.00	138.17 4.77 0.00	57.69 2.06 0.00	54.46 2.27 0.00	56.06 2.09 0.00	53.00 1.84 0.00
LOWER RAQUET___HYD 24057	46.04 0.45 0.00	42.52 0.44 0.00	38.34 0.37 0.00	43.99 0.42 0.00	39.48 0.44 0.00	45.33 0.68 0.00	41.76 0.78 0.00	59.62 1.42 0.00	57.01 1.75 0.00	46.88 1.53 0.00	39.75 1.28 0.00	35.78 0.98 0.00	36.57 0.95 0.00	35.97 0.84 0.00	36.58 0.88 0.00	42.32 1.12 0.00	48.61 1.51 0.00	61.61 2.20 0.00	102.46 4.25 0.00	139.39 6.00 0.00	58.23 2.60 0.00	54.40 2.21 0.00	56.27 2.30 0.00	53.43 2.27 0.00
LOWER___HUDSON 24059	47.01 1.42 0.00	43.34 1.25 0.00	39.11 1.14 0.00	44.85 1.29 0.00	40.15 1.11 0.00	45.90 1.24 0.00	42.26 1.28 0.00	59.98 1.78 0.00	56.62 1.35 0.00	46.17 0.82 0.00	38.96 0.50 0.00	35.30 0.50 0.00	36.04 0.42 0.00	35.55 0.42 0.00	36.19 0.49 0.00	41.68 0.47 0.00	47.62 0.52 0.00	60.40 1.00 0.00	99.34 1.13 0.00	134.98 1.59 0.00	56.25 0.61 0.00	52.64 0.46 0.00	54.29 0.31 0.00	51.38 0.22 0.00
LOWVILLE_115KV_TB2 356335	44.42 -1.17 0.00	41.02 -1.07 0.00	37.07 -0.90 0.00	42.45 -1.11 0.00	38.14 -0.91 0.00	43.87 -0.79 0.00	40.78 -0.20 0.00	58.91 0.70 0.00	56.16 0.90 0.00	45.94 0.59 0.00	38.70 0.23 0.00	34.65 -0.14 0.00	35.13 -0.48 0.00	34.61 -0.53 0.00	35.58 -0.12 0.00	41.21 0.00 0.00	47.77 0.67 0.00	61.04 1.63 0.00	101.25 3.04 0.00	137.42 4.02 0.00	57.31 1.68 0.00	53.61 1.42 0.00	55.32 1.35 0.00	52.34 1.18 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.44 1.84 0.00	43.74 1.65 0.00	39.45 1.48 0.00	45.24 1.68 0.00	40.53 1.48 0.00	46.36 1.71 0.00	42.71 1.73 0.00	60.65 2.44 0.00	57.28 2.01 0.00	46.70 1.35 0.00	39.42 0.95 0.00	35.69 0.89 0.00	36.45 0.84 0.00	35.98 0.85 0.00	36.61 0.91 0.00	42.25 1.04 0.00	48.36 1.26 0.00	61.41 2.00 0.00	101.22 3.00 0.00	137.41 4.02 0.00	57.21 1.58 0.00	53.53 1.35 0.00	55.22 1.25 0.00	52.27 1.11 0.00

LUTHERNY_35_KV_BK2 355980	47.47 1.88 0.00	43.77 1.68 0.00	39.48 1.51 0.00	45.26 1.69 0.00	40.56 1.51 0.00	46.40 1.75 0.00	42.76 1.78 0.00	60.71 2.51 0.00	57.33 2.06 0.00	46.70 1.35 0.00	39.43 0.96 0.00	35.70 0.91 0.00	36.47 0.85 0.00	35.98 0.84 0.00	36.63 0.94 0.00	42.28 1.07 0.00	48.42 1.32 0.00	61.44 2.03 0.00	101.34 3.12 0.00	137.51 4.11 0.00	57.25 1.62 0.00	53.56 1.38 0.00	55.26 1.29 0.00	52.29 1.13 0.00
LWR___OSWEGATCHIE_HYD 23850	45.12 -0.48 0.00	41.63 -0.46 0.00	37.60 -0.37 0.00	43.08 -0.48 0.00	38.68 -0.36 0.00	44.43 -0.22 0.00	41.12 0.14 0.00	59.05 0.84 0.00	56.30 1.04 0.00	46.21 0.85 0.00	39.02 0.56 0.00	34.98 0.19 0.00	35.62 0.01 0.00	35.08 -0.05 0.00	35.85 0.15 0.00	41.52 0.31 0.00	47.92 0.83 0.00	60.99 1.58 0.00	101.36 3.15 0.00	137.74 4.35 0.00	57.49 1.86 0.00	53.73 1.55 0.00	55.52 1.54 0.00	52.61 1.45 0.00
LYONS_FALL_HYD 23570	45.18 -0.41 0.00	41.71 -0.37 0.00	37.68 -0.29 0.00	43.19 -0.37 0.00	38.79 -0.26 0.00	44.52 -0.13 0.00	41.24 0.26 0.00	59.22 1.01 0.00	56.35 1.09 0.00	46.11 0.76 0.00	38.90 0.43 0.00	34.95 0.16 0.00	35.56 -0.05 0.00	35.03 -0.10 0.00	35.88 0.18 0.00	41.54 0.34 0.00	47.88 0.79 0.00	60.95 1.55 0.00	100.93 2.72 0.00	136.94 3.55 0.00	57.09 1.46 0.00	53.46 1.27 0.00	55.19 1.22 0.00	52.22 1.06 0.00
MADISON___COUNTY_LFGE 323628	46.23 0.63 0.00	42.70 0.61 0.00	38.57 0.60 0.00	44.30 0.74 0.00	39.76 0.71 0.00	45.54 0.89 0.00	41.94 0.96 0.00	59.78 1.58 0.00	56.71 1.44 0.00	46.39 1.05 0.00	39.23 0.77 0.00	35.42 0.63 0.00	36.24 0.63 0.00	35.69 0.56 0.00	36.34 0.64 0.00	42.10 0.90 0.00	48.22 1.13 0.00	61.02 1.62 0.00	100.60 2.39 0.00	136.44 3.05 0.00	56.83 1.20 0.00	53.31 1.12 0.00	55.09 1.12 0.00	52.11 0.95 0.00
MALONE___115KV_TB1 356076	45.30 -0.29 0.00	41.82 -0.27 0.00	37.66 -0.31 0.00	43.20 -0.36 0.00	38.81 -0.24 0.00	44.52 -0.13 0.00	41.03 0.05 0.00	58.61 0.41 0.00	56.02 0.76 0.00	46.14 0.79 0.00	39.24 0.78 0.00	35.42 0.62 0.00	36.24 0.62 0.00	35.77 0.64 0.00	36.33 0.63 0.00	42.05 0.84 0.00	48.36 1.26 0.00	61.22 1.82 0.00	101.43 3.22 0.00	138.48 5.09 0.00	57.93 2.30 0.00	54.06 1.88 0.00	55.91 1.94 0.00	53.15 1.99 0.00
MAPLEWOD_115KV_TB3 80458	47.10 1.50 0.00	43.41 1.32 0.00	39.15 1.18 0.00	44.90 1.34 0.00	40.20 1.16 0.00	45.98 1.33 0.00	42.30 1.32 0.00	60.03 1.83 0.00	56.66 1.40 0.00	46.28 0.93 0.00	39.15 0.68 0.00	35.49 0.69 0.00	36.27 0.65 0.00	35.75 0.62 0.00	36.37 0.67 0.00	41.87 0.67 0.00	47.87 0.78 0.00	60.61 1.20 0.00	99.76 1.55 0.00	135.43 2.04 0.00	56.46 0.82 0.00	52.92 0.74 0.00	54.55 0.57 0.00	51.60 0.45 0.00
MAPLE_RIDGE_WT_1 323574	44.23 -1.36 0.00	40.86 -1.23 0.00	36.87 -1.10 0.00	42.33 -1.24 0.00	37.96 -1.09 0.00	43.49 -1.16 0.00	40.00 -0.97 0.00	56.94 -1.27 0.00	54.25 -1.02 0.00	44.47 -0.88 0.00	37.93 -0.54 0.00	34.45 -0.34 0.00	35.27 -0.35 0.00	34.75 -0.38 0.00	35.25 -0.45 0.00	40.93 -0.27 0.00	46.96 -0.14 0.00	59.41 0.01 0.00	98.33 0.11 0.00	133.69 0.29 0.00	55.82 0.19 0.00	52.36 0.18 0.00	54.12 0.14 0.00	51.37 0.21 0.00
MAPLE_RIDGE_WT_2 323611	44.23 -1.36 0.00	40.86 -1.23 0.00	36.87 -1.10 0.00	42.33 -1.24 0.00	37.96 -1.09 0.00	43.49 -1.16 0.00	40.00 -0.97 0.00	56.94 -1.27 0.00	54.25 -1.02 0.00	44.47 -0.88 0.00	37.93 -0.54 0.00	34.45 -0.34 0.00	35.27 -0.35 0.00	34.75 -0.38 0.00	35.25 -0.45 0.00	40.93 -0.27 0.00	46.96 -0.14 0.00	59.41 0.01 0.00	98.33 0.11 0.00	133.69 0.29 0.00	55.82 0.19 0.00	52.36 0.18 0.00	54.12 0.14 0.00	51.37 0.21 0.00
MARBLE_RIVER_WT_PWR 323696	44.48 -1.11 0.00	41.08 -1.01 0.00	36.99 -0.98 0.00	42.43 -1.14 0.00	38.10 -0.94 0.00	43.66 -0.99 0.00	40.21 -0.76 0.00	57.32 -0.89 0.00	54.76 -0.51 0.00	45.09 -0.26 0.00	38.35 -0.12 0.00	34.67 -0.12 0.00	35.49 -0.13 0.00	35.06 -0.07 0.00	35.62 -0.08 0.00	41.19 -0.02 0.00	47.37 0.28 0.00	59.92 0.51 0.00	99.01 0.80 0.00	135.37 1.97 0.00	56.67 1.04 0.00	52.98 0.79 0.00	54.86 0.89 0.00	52.22 1.07 0.00
MARSHVLE_115KV_TB1 80742	45.61 0.02 0.00	42.14 0.06 0.00	38.03 0.06 0.00	43.66 0.10 0.00	39.17 0.12 0.00	44.96 0.31 0.00	41.28 0.30 0.00	58.88 0.68 0.00	55.83 0.57 0.00	45.73 0.38 0.00	38.72 0.25 0.00	34.92 0.12 0.00	35.68 0.07 0.00	35.17 0.04 0.00	35.63 -0.07 0.00	41.41 0.20 0.00	47.69 0.60 0.00	60.40 0.99 0.00	100.14 1.92 0.00	135.94 2.54 0.00	56.78 1.15 0.00	53.06 0.88 0.00	54.85 0.87 0.00	52.02 0.87 0.00
MARSH_HILL_WT_PWR 323713	42.43 -3.17 0.00	39.31 -2.78 0.00	35.72 -2.25 0.00	41.21 -2.35 0.00	37.32 -1.72 0.00	43.21 -1.44 0.00	39.24 -1.74 0.00	55.29 -2.91 0.00	52.55 -2.72 0.00	42.73 -2.62 0.00	35.62 -2.84 0.00	31.74 -3.06 0.00	32.75 -2.86 0.00	32.28 -2.85 0.00	32.91 -2.79 0.00	38.44 -2.76 0.00	44.46 -2.63 0.00	56.13 -3.28 0.00	95.31 -2.91 0.00	131.31 -2.09 0.00	54.18 -1.45 0.00	51.21 -0.97 0.00	53.97 0.00 0.00	51.36 0.20 0.00
MCINTYRE_115KV_TB2 80467	46.94 1.35 0.00	43.36 1.27 0.00	39.09 1.12 0.00	44.85 1.29 0.00	40.25 1.21 0.00	46.24 1.59 0.00	42.59 1.61 0.00	60.80 2.59 0.00	58.16 2.89 0.00	47.76 2.41 0.00	40.40 1.94 0.00	36.29 1.49 0.00	37.18 1.57 0.00	36.67 1.54 0.00	37.19 1.49 0.00	43.09 1.88 0.00	49.45 2.36 0.00	62.71 3.30 0.00	104.31 6.09 0.00	141.93 8.53 0.00	59.24 3.60 0.00	55.29 3.11 0.00	57.20 3.23 0.00	54.30 3.15 0.00
MECO_____69_KV_BK1 80468	46.95 1.35 0.00	43.33 1.24 0.00	39.07 1.10 0.00	44.83 1.27 0.00	40.21 1.17 0.00	46.15 1.50 0.00	42.42 1.44 0.00	60.52 2.32 0.00	57.11 1.84 0.00	46.23 0.88 0.00	38.93 0.46 0.00	35.28 0.49 0.00	36.18 0.57 0.00	35.71 0.58 0.00	36.33 0.63 0.00	42.10 0.89 0.00	48.70 1.60 0.00	61.91 2.50 0.00	102.66 4.44 0.00	139.32 5.92 0.00	58.11 2.48 0.00	54.30 2.12 0.00	56.03 2.06 0.00	53.02 1.86 0.00
MENANDS___115KV_TB5 355628	46.99 1.40 0.00	43.32 1.23 0.00	39.07 1.10 0.00	44.80 1.24 0.00	40.13 1.08 0.00	45.88 1.23 0.00	42.20 1.23 0.00	59.88 1.67 0.00	56.51 1.25 0.00	46.19 0.84 0.00	39.07 0.61 0.00	35.42 0.62 0.00	36.19 0.58 0.00	35.68 0.55 0.00	36.30 0.60 0.00	41.77 0.56 0.00	47.72 0.63 0.00	60.40 0.99 0.00	99.41 1.19 0.00	134.92 1.53 0.00	56.25 0.62 0.00	52.73 0.54 0.00	54.36 0.38 0.00	51.41 0.25 0.00
MG INDUSTRY___DRP 24185	46.97 1.37 0.00	43.30 1.22 0.00	39.07 1.10 0.00	44.81 1.25 0.00	40.15 1.11 0.00	45.92 1.26 0.00	42.20 1.22 0.00	59.88 1.67 0.00	56.56 1.29 0.00	46.14 0.79 0.00	39.14 0.68 0.00	35.47 0.67 0.00	36.21 0.60 0.00	35.68 0.55 0.00	36.32 0.62 0.00	41.77 0.57 0.00	47.85 0.75 0.00	60.52 1.11 0.00	99.72 1.50 0.00	135.29 1.90 0.00	56.45 0.82 0.00	52.94 0.76 0.00	54.62 0.65 0.00	51.70 0.54 0.00

MID___OSWEGATCHIE_HYD 23849	45.12 -0.48 0.00	41.63 -0.46 0.00	37.60 -0.37 0.00	43.08 -0.48 0.00	38.68 -0.36 0.00	44.43 -0.22 0.00	41.12 0.14 0.00	59.05 0.84 0.00	56.30 1.04 0.00	46.21 0.85 0.00	39.02 0.56 0.00	34.98 0.19 0.00	35.62 0.01 0.00	35.08 -0.05 0.00	35.85 0.15 0.00	41.52 0.31 0.00	47.92 0.83 0.00	60.99 1.58 0.00	101.36 3.15 0.00	137.74 4.35 0.00	57.49 1.86 0.00	53.73 1.55 0.00	55.52 1.54 0.00	52.61 1.45 0.00
MID___RAQUETTE_HYD 23851	46.05 0.45 0.00	42.52 0.44 0.00	38.34 0.37 0.00	43.99 0.42 0.00	39.48 0.44 0.00	45.33 0.68 0.00	41.76 0.78 0.00	59.62 1.42 0.00	57.01 1.75 0.00	46.88 1.53 0.00	39.75 1.28 0.00	35.78 0.99 0.00	36.57 0.95 0.00	35.97 0.84 0.00	36.58 0.88 0.00	42.32 1.12 0.00	48.61 1.51 0.00	61.61 2.20 0.00	102.46 4.25 0.00	139.39 6.00 0.00	58.23 2.60 0.00	54.40 2.21 0.00	56.27 2.30 0.00	53.43 2.27 0.00
MILLIKEN___1 23584	46.03 0.43 0.00	42.47 0.38 0.00	38.32 0.35 0.00	44.04 0.48 0.00	39.49 0.44 0.00	45.17 0.52 0.00	41.48 0.51 0.00	58.96 0.76 0.00	55.94 0.68 0.00	45.81 0.46 0.00	38.83 0.36 0.00	34.90 0.11 0.00	35.83 0.21 0.00	35.32 0.19 0.00	35.96 0.26 0.00	41.59 0.39 0.00	47.53 0.44 0.00	60.01 0.61 0.00	99.78 1.57 0.00	135.54 2.15 0.00	56.38 0.75 0.00	52.84 0.65 0.00	54.76 0.79 0.00	51.87 0.71 0.00
MILLIKEN___2 23585	46.03 0.43 0.00	42.47 0.38 0.00	38.32 0.35 0.00	44.04 0.48 0.00	39.49 0.44 0.00	45.17 0.52 0.00	41.48 0.51 0.00	58.96 0.76 0.00	55.94 0.68 0.00	45.81 0.46 0.00	38.83 0.36 0.00	34.90 0.11 0.00	35.83 0.21 0.00	35.32 0.19 0.00	35.96 0.26 0.00	41.59 0.39 0.00	47.53 0.44 0.00	60.01 0.61 0.00	99.78 1.57 0.00	135.54 2.15 0.00	56.38 0.75 0.00	52.84 0.65 0.00	54.76 0.79 0.00	51.87 0.71 0.00
MILLIKEN___DIESEL 23629	46.03 0.43 0.00	42.47 0.38 0.00	38.32 0.35 0.00	44.04 0.48 0.00	39.49 0.44 0.00	45.17 0.52 0.00	41.48 0.51 0.00	58.96 0.76 0.00	55.94 0.68 0.00	45.81 0.46 0.00	38.83 0.36 0.00	34.90 0.11 0.00	35.83 0.21 0.00	35.32 0.19 0.00	35.96 0.26 0.00	41.59 0.39 0.00	47.53 0.44 0.00	60.01 0.61 0.00	99.78 1.57 0.00	135.54 2.15 0.00	56.38 0.75 0.00	52.84 0.65 0.00	54.76 0.79 0.00	51.87 0.71 0.00
MILLSEAT___LFGE 323607	44.12 -1.47 0.00	40.86 -1.23 0.00	36.91 -1.06 0.00	42.38 -1.18 0.00	38.17 -0.87 0.00	43.95 -0.71 0.00	39.34 -1.64 0.00	55.55 -2.66 0.00	53.21 -2.06 0.00	44.01 -1.34 0.00	37.38 -1.09 0.00	33.29 -1.51 0.00	34.12 -1.50 0.00	33.70 -1.43 0.00	34.10 -1.60 0.00	39.47 -1.73 0.00	44.91 -2.19 0.00	56.28 -3.12 0.00	94.49 -3.73 0.00	129.32 -4.07 0.00	53.57 -2.06 0.00	50.49 -1.69 0.00	53.34 -0.64 0.00	51.09 -0.06 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.14 2.55 0.00	44.38 2.29 0.00	40.05 2.08 0.00	45.89 2.33 0.00	41.23 2.19 0.00	47.20 2.55 0.00	43.29 2.32 0.00	61.36 3.16 0.00	57.94 2.68 0.00	47.74 2.39 0.00	40.61 2.14 0.00	36.94 2.14 0.00	37.86 2.25 0.00	37.31 2.18 0.00	37.86 2.16 0.00	43.47 2.27 0.00	49.59 2.49 0.00	62.17 2.77 0.00	102.74 4.52 0.00	138.31 4.91 0.00	57.76 2.13 0.00	54.51 2.33 0.00	56.07 2.10 0.00	52.98 1.83 0.00
MILLWOOD_13_KV_LOAD 356217	48.22 2.63 0.00	44.46 2.37 0.00	40.12 2.15 0.00	45.97 2.41 0.00	41.31 2.27 0.00	47.28 2.63 0.00	43.37 2.39 0.00	61.48 3.27 0.00	58.06 2.80 0.00	47.83 2.48 0.00	40.68 2.22 0.00	36.99 2.19 0.00	37.92 2.31 0.00	37.37 2.24 0.00	37.91 2.22 0.00	43.54 2.33 0.00	49.67 2.58 0.00	62.31 2.90 0.00	102.95 4.73 0.00	138.61 5.22 0.00	57.91 2.28 0.00	54.64 2.45 0.00	56.20 2.23 0.00	53.10 1.94 0.00
MODEL_CITY_ENERGY 24167	42.89 -2.71 0.00	39.78 -2.31 0.00	35.96 -2.01 0.00	41.27 -2.29 0.00	37.19 -1.85 0.00	42.83 -1.82 0.00	38.07 -2.91 0.00	53.52 -4.69 0.00	51.34 -3.93 0.00	42.66 -2.69 0.00	36.55 -1.92 0.00	32.54 -2.26 0.00	33.25 -2.37 0.00	32.78 -2.35 0.00	33.24 -2.46 0.00	38.42 -2.78 0.00	43.39 -3.70 0.00	54.14 -5.27 0.00	90.90 -7.32 0.00	124.63 -8.76 0.00	51.66 -3.97 0.00	48.80 -3.39 0.00	51.78 -2.20 0.00	49.77 -1.39 0.00
MODERN_LFGE___ 323580	42.89 -2.71 0.00	39.78 -2.31 0.00	35.96 -2.01 0.00	41.27 -2.29 0.00	37.19 -1.85 0.00	42.83 -1.82 0.00	38.07 -2.91 0.00	53.52 -4.69 0.00	51.34 -3.93 0.00	42.66 -2.69 0.00	36.55 -1.92 0.00	32.54 -2.26 0.00	33.25 -2.37 0.00	32.78 -2.35 0.00	33.24 -2.46 0.00	38.42 -2.78 0.00	43.39 -3.70 0.00	54.14 -5.27 0.00	90.90 -7.32 0.00	124.63 -8.76 0.00	51.66 -3.97 0.00	48.80 -3.39 0.00	51.78 -2.20 0.00	49.77 -1.39 0.00
MOHAWK_PAPER___DRP 24187	47.10 1.50 0.00	43.41 1.32 0.00	39.15 1.18 0.00	44.90 1.34 0.00	40.20 1.16 0.00	45.98 1.33 0.00	42.30 1.32 0.00	60.03 1.83 0.00	56.66 1.40 0.00	46.28 0.93 0.00	39.15 0.68 0.00	35.49 0.69 0.00	36.27 0.65 0.00	35.75 0.62 0.00	36.37 0.67 0.00	41.87 0.67 0.00	47.87 0.78 0.00	60.61 1.20 0.00	99.76 1.55 0.00	135.43 2.04 0.00	56.46 0.82 0.00	52.92 0.74 0.00	54.55 0.57 0.00	51.60 0.45 0.00
MOHICAN___35_KV_115KV_LD 80490	47.45 1.86 0.00	43.71 1.62 0.00	39.40 1.43 0.00	45.19 1.63 0.00	40.47 1.42 0.00	46.28 1.63 0.00	42.80 1.82 0.00	60.73 2.53 0.00	57.46 2.19 0.00	46.70 1.35 0.00	39.38 0.91 0.00	35.72 0.93 0.00	36.41 0.79 0.00	35.93 0.80 0.00	36.57 0.88 0.00	42.27 1.06 0.00	48.44 1.35 0.00	62.08 2.67 0.00	101.79 3.57 0.00	138.33 4.93 0.00	57.44 1.81 0.00	53.58 1.40 0.00	55.32 1.34 0.00	52.38 1.22 0.00
MONGAUP___HYD 23641	48.43 2.84 0.00	44.64 2.55 0.00	40.26 2.29 0.00	46.14 2.58 0.00	41.47 2.43 0.00	47.47 2.82 0.00	43.59 2.61 0.00	61.89 3.69 0.00	58.41 3.14 0.00	47.80 2.45 0.00	40.32 1.86 0.00	36.68 1.89 0.00	37.59 1.98 0.00	36.97 1.84 0.00	37.47 1.77 0.00	43.19 1.98 0.00	49.65 2.56 0.00	62.72 3.32 0.00	103.96 5.75 0.00	140.01 6.61 0.00	58.53 2.89 0.00	55.13 2.94 0.00	56.77 2.80 0.00	53.62 2.46 0.00
MONTAUK___DIESEL 23721	40.13 1.61 7.08	44.27 2.19 0.00	39.98 2.01 0.00	45.62 2.06 0.00	41.12 2.08 0.00	47.25 2.60 0.00	20.62 -0.58 19.78	16.77 -1.05 40.39	15.77 -0.79 38.70	28.84 -0.06 16.46	-17.68 0.69 56.85	-12.78 0.86 48.43	35.45 1.30 1.47	36.97 1.56 -0.27	30.53 1.60 6.76	42.23 1.12 0.09	46.85 1.43 1.68	29.68 1.55 31.27	63.02 0.35 35.54	121.17 -3.22 9.00	30.10 -0.85 24.68	29.37 -0.41 22.40	51.56 -0.80 1.62	33.77 -1.41 15.98
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.55 -2.05 0.00	40.23 -1.85 0.00	36.38 -1.58 0.00	42.13 -1.43 0.00	37.98 -1.07 0.00	43.86 -0.79 0.00	39.58 -1.40 0.00	56.44 -1.76 0.00	53.95 -1.31 0.00	44.68 -0.67 0.00	37.94 -0.53 0.00	33.64 -1.15 0.00	34.47 -1.15 0.00	33.66 -1.47 0.00	34.02 -1.68 0.00	39.32 -1.88 0.00	45.16 -1.94 0.00	57.19 -2.22 0.00	96.46 -1.75 0.00	131.15 -2.25 0.00	54.12 -1.51 0.00	50.88 -1.31 0.00	54.06 0.09 0.00	51.70 0.54 0.00

MORRIS RIDGE___SOLAR 323848	42.67 -2.93 0.00	39.47 -2.62 0.00	35.72 -2.24 0.00	41.16 -2.40 0.00	37.20 -1.85 0.00	42.89 -1.76 0.00	38.81 -2.17 0.00	54.84 -3.37 0.00	52.17 -3.09 0.00	42.78 -2.58 0.00	35.88 -2.58 0.00	31.98 -2.82 0.00	32.88 -2.73 0.00	32.42 -2.71 0.00	32.98 -2.72 0.00	38.44 -2.77 0.00	44.26 -2.83 0.00	55.61 -3.80 0.00	93.98 -4.24 0.00	128.95 -4.44 0.00	53.22 -2.42 0.00	50.28 -1.91 0.00	53.03 -0.94 0.00	50.56 -0.59 0.00
MORTIMER_115KV_TB3 55949	44.39 -1.20 0.00	41.06 -1.03 0.00	37.05 -0.91 0.00	42.56 -1.01 0.00	38.22 -0.82 0.00	43.87 -0.78 0.00	39.75 -1.22 0.00	56.30 -1.90 0.00	53.82 -1.45 0.00	44.40 -0.95 0.00	37.77 -0.70 0.00	33.90 -0.89 0.00	34.71 -0.90 0.00	34.22 -0.91 0.00	34.70 -1.00 0.00	40.14 -1.07 0.00	45.65 -1.45 0.00	57.31 -2.10 0.00	95.63 -2.58 0.00	130.43 -2.96 0.00	54.15 -1.48 0.00	50.93 -1.26 0.00	53.29 -0.68 0.00	50.80 -0.35 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.39 2.80 0.00	44.59 2.50 0.00	40.23 2.26 0.00	46.09 2.53 0.00	41.41 2.36 0.00	47.45 2.80 0.00	43.52 2.55 0.00	61.60 3.39 0.00	58.19 2.92 0.00	48.03 2.68 0.00	40.88 2.41 0.00	37.19 2.40 0.00	38.12 2.51 0.00	37.57 2.44 0.00	38.13 2.43 0.00	43.75 2.54 0.00	49.84 2.75 0.00	62.40 2.99 0.00	103.08 4.87 0.00	138.73 5.34 0.00	57.97 2.34 0.00	54.74 2.56 0.00	56.25 2.28 0.00	53.16 2.00 0.00
MUNSVILLE_WIND_PWR 323609	46.33 0.74 0.00	42.75 0.67 0.00	38.65 0.68 0.00	44.32 0.76 0.00	39.88 0.83 0.00	45.98 1.32 0.00	42.38 1.40 0.00	60.77 2.57 0.00	57.69 2.43 0.00	47.11 1.76 0.00	39.93 1.46 0.00	35.78 0.99 0.00	36.66 1.05 0.00	36.02 0.89 0.00	36.60 0.91 0.00	42.86 1.65 0.00	49.20 2.10 0.00	62.92 3.51 0.00	104.60 6.39 0.00	142.35 8.95 0.00	59.05 3.41 0.00	55.30 3.11 0.00	57.43 3.45 0.00	54.36 3.20 0.00
N SALMON___HYD 24042	45.30 -0.29 0.00	41.82 -0.27 0.00	37.66 -0.31 0.00	43.20 -0.36 0.00	38.81 -0.24 0.00	44.53 -0.13 0.00	41.02 0.05 0.00	58.61 0.41 0.00	56.02 0.75 0.00	46.14 0.79 0.00	39.24 0.77 0.00	35.42 0.62 0.00	36.24 0.62 0.00	35.77 0.64 0.00	36.33 0.63 0.00	42.04 0.84 0.00	48.36 1.26 0.00	61.22 1.82 0.00	101.43 3.22 0.00	138.48 5.08 0.00	57.93 2.30 0.00	54.06 1.88 0.00	55.91 1.94 0.00	53.15 1.99 0.00
N.AKRON__115KV_KNAPP 355671	43.85 -1.74 0.00	40.66 -1.43 0.00	36.73 -1.24 0.00	42.17 -1.40 0.00	37.98 -1.07 0.00	43.73 -0.92 0.00	39.07 -1.90 0.00	55.11 -3.09 0.00	52.82 -2.44 0.00	43.75 -1.60 0.00	37.25 -1.22 0.00	33.15 -1.64 0.00	33.97 -1.64 0.00	33.52 -1.61 0.00	33.95 -1.75 0.00	39.28 -1.93 0.00	44.58 -2.51 0.00	55.82 -3.59 0.00	93.73 -4.49 0.00	128.38 -5.01 0.00	53.20 -2.43 0.00	50.20 -1.99 0.00	53.05 -0.93 0.00	50.88 -0.27 0.00
N.E_GEN_SANDY PD 24062	47.22 1.54 -0.09	43.43 1.34 0.00	39.17 1.20 0.00	44.92 1.36 0.00	40.18 1.14 0.00	45.91 1.26 0.00	42.29 1.31 0.00	59.98 1.77 0.00	56.54 1.28 0.00	45.35 0.72 0.72	38.39 0.34 0.42	35.17 0.37 0.00	35.86 0.25 0.01	35.41 0.28 0.00	36.04 0.34 0.00	41.45 0.25 0.00	45.66 0.20 1.64	60.99 0.64 -0.94	97.88 0.27 0.60	135.36 0.57 -1.39	55.54 0.18 0.27	49.49 0.04 2.74	48.57 -0.16 5.24	44.31 -0.25 6.60
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.20 2.61 0.00	44.43 2.34 0.00	40.11 2.15 0.00	45.97 2.41 0.00	41.32 2.28 0.00	47.29 2.64 0.00	43.37 2.39 0.00	61.52 3.31 0.00	58.04 2.77 0.00	47.79 2.43 0.00	40.64 2.18 0.00	36.97 2.17 0.00	37.93 2.32 0.00	37.35 2.22 0.00	37.90 2.20 0.00	43.55 2.34 0.00	49.69 2.60 0.00	62.37 2.96 0.00	103.07 4.85 0.00	138.67 5.28 0.00	57.92 2.29 0.00	54.67 2.48 0.00	56.27 2.29 0.00	53.13 1.97 0.00
N.QUEENS_27_KV_LOAD 356247	48.15 2.56 0.00	44.02 1.93 0.00	39.72 1.75 0.00	45.47 1.91 0.00	40.87 1.82 0.00	47.24 2.58 0.00	43.43 2.45 0.00	61.57 3.36 0.00	58.20 2.93 0.00	48.08 2.73 0.00	40.92 2.45 0.00	37.18 2.39 0.00	38.16 2.54 0.00	37.59 2.46 0.00	38.10 2.40 0.00	43.75 2.54 0.00	49.82 2.72 0.00	62.28 2.88 0.00	103.05 4.83 0.00	138.53 5.14 0.00	57.96 2.33 0.00	54.72 2.53 0.00	56.15 2.17 0.00	53.08 1.93 0.00
N.TROY___115KV_TB1 355778	47.01 1.42 0.00	43.34 1.25 0.00	39.11 1.14 0.00	44.85 1.29 0.00	40.15 1.11 0.00	45.90 1.24 0.00	42.26 1.28 0.00	59.98 1.78 0.00	56.61 1.35 0.00	46.17 0.82 0.00	38.96 0.50 0.00	35.29 0.50 0.00	36.04 0.43 0.00	35.56 0.42 0.00	36.18 0.49 0.00	41.68 0.47 0.00	47.62 0.52 0.00	60.40 1.00 0.00	99.34 1.12 0.00	134.98 1.58 0.00	56.24 0.60 0.00	52.64 0.45 0.00	54.28 0.31 0.00	51.38 0.22 0.00
NARROWS_GT1_1 24228	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT1_2 24229	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT1_3 24230	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT1_4 24231	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT1_5 24232	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00

NARROWS_GT1_6 24233	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT1_7 24234	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT1_8 24235	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT2_1 24236	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT2_2 24237	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT2_3 24238	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT2_4 24239	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT2_5 24240	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT2_6 24241	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT2_7 24242	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NARROWS_GT2_8 24243	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.51 1.92 0.00	43.79 1.71 0.00	39.49 1.52 0.00	45.29 1.73 0.00	40.58 1.54 0.00	46.42 1.77 0.00	42.73 1.75 0.00	60.75 2.55 0.00	57.39 2.12 0.00	46.61 1.26 0.00	39.53 1.07 0.00	35.78 0.98 0.00	36.48 0.87 0.00	35.88 0.75 0.00	36.51 0.82 0.00	42.06 0.85 0.00	48.21 1.11 0.00	61.48 2.07 0.00	101.70 3.49 0.00	138.01 4.62 0.00	57.49 1.86 0.00	53.80 1.61 0.00	55.43 1.46 0.00	52.40 1.24 0.00
NCHELSEA_115KV_TR2 355582	48.41 2.82 0.00	44.62 2.54 0.00	40.26 2.29 0.00	46.13 2.57 0.00	41.43 2.39 0.00	47.44 2.79 0.00	43.55 2.57 0.00	61.77 3.56 0.00	58.34 3.07 0.00	48.02 2.67 0.00	40.79 2.32 0.00	37.06 2.27 0.00	37.99 2.37 0.00	37.43 2.30 0.00	37.99 2.29 0.00	43.71 2.50 0.00	49.91 2.82 0.00	62.70 3.30 0.00	103.61 5.40 0.00	139.64 6.24 0.00	58.29 2.66 0.00	54.95 2.77 0.00	56.53 2.55 0.00	53.41 2.25 0.00
NEG CAPITAL___MECHNVIL 23645	47.52 1.93 0.00	43.81 1.72 0.00	39.52 1.55 0.00	45.30 1.73 0.00	40.59 1.55 0.00	46.43 1.78 0.00	42.77 1.79 0.00	60.75 2.54 0.00	57.39 2.12 0.00	46.75 1.40 0.00	39.49 1.02 0.00	35.74 0.94 0.00	36.52 0.90 0.00	36.03 0.90 0.00	36.68 0.98 0.00	42.32 1.12 0.00	48.40 1.30 0.00	61.49 2.09 0.00	101.34 3.12 0.00	137.61 4.21 0.00	57.28 1.65 0.00	53.56 1.38 0.00	55.27 1.30 0.00	52.29 1.14 0.00
NEG CENTRAL_HIGH_ACRES 23767	43.59 -2.00 0.00	40.29 -1.80 0.00	36.37 -1.60 0.00	41.77 -1.80 0.00	37.49 -1.56 0.00	42.98 -1.67 0.00	39.07 -1.91 0.00	55.33 -2.87 0.00	52.89 -2.38 0.00	43.62 -1.74 0.00	37.10 -1.37 0.00	33.36 -1.43 0.00	34.15 -1.46 0.00	33.66 -1.47 0.00	34.15 -1.55 0.00	39.54 -1.66 0.00	45.02 -2.08 0.00	56.54 -2.87 0.00	94.26 -3.95 0.00	128.37 -5.03 0.00	53.30 -2.33 0.00	50.07 -2.11 0.00	52.24 -1.74 0.00	49.70 -1.46 0.00

NEG CENTRAL___DRP 24199	45.00 -0.59 0.00	41.55 -0.54 0.00	37.51 -0.46 0.00	43.13 -0.43 0.00	38.73 -0.31 0.00	44.33 -0.32 0.00	40.59 -0.39 0.00	57.47 -0.74 0.00	54.56 -0.70 0.00	44.86 -0.49 0.00	38.05 -0.42 0.00	34.23 -0.56 0.00	35.14 -0.48 0.00	34.68 -0.45 0.00	35.27 -0.43 0.00	40.70 -0.50 0.00	46.45 -0.64 0.00	58.45 -0.96 0.00	97.28 -0.94 0.00	132.25 -1.14 0.00	54.99 -0.64 0.00	51.55 -0.63 0.00	53.55 -0.43 0.00	50.84 -0.32 0.00
NEG CENTRAL___INDECK 23768	45.08 -0.51 0.00	41.67 -0.42 0.00	37.63 -0.34 0.00	43.26 -0.30 0.00	39.01 -0.03 0.00	44.96 0.31 0.00	40.79 -0.18 0.00	57.77 -0.44 0.00	55.15 -0.12 0.00	45.18 -0.17 0.00	37.83 -0.64 0.00	33.64 -1.15 0.00	34.62 -0.99 0.00	34.14 -1.00 0.00	34.65 -1.04 0.00	40.17 -1.03 0.00	46.10 -0.99 0.00	58.34 -1.06 0.00	98.78 0.56 0.00	135.30 1.90 0.00	55.96 0.33 0.00	52.68 0.49 0.00	55.34 1.37 0.00	52.65 1.50 0.00
NEG CENTRAL___SENECA 23627	44.92 -0.67 0.00	41.50 -0.59 0.00	37.47 -0.50 0.00	43.09 -0.47 0.00	38.77 -0.27 0.00	44.47 -0.18 0.00	40.62 -0.36 0.00	57.37 -0.83 0.00	54.51 -0.76 0.00	44.84 -0.51 0.00	37.98 -0.48 0.00	34.14 -0.65 0.00	35.10 -0.51 0.00	34.66 -0.47 0.00	35.23 -0.47 0.00	40.64 -0.56 0.00	46.38 -0.72 0.00	58.31 -1.09 0.00	97.17 -1.05 0.00	132.16 -1.23 0.00	54.91 -0.72 0.00	51.51 -0.68 0.00	53.60 -0.38 0.00	50.90 -0.26 0.00
NEG CENTRAL___STATE_STREET 24147	45.40 -0.20 0.00	41.89 -0.19 0.00	37.80 -0.17 0.00	43.49 -0.07 0.00	38.93 -0.12 0.00	44.51 -0.15 0.00	40.90 -0.08 0.00	58.05 -0.15 0.00	55.12 -0.14 0.00	45.11 -0.24 0.00	38.34 -0.12 0.00	34.57 -0.22 0.00	35.43 -0.19 0.00	34.92 -0.21 0.00	35.53 -0.16 0.00	41.07 -0.14 0.00	46.78 -0.32 0.00	58.95 -0.46 0.00	98.17 -0.04 0.00	133.51 0.11 0.00	55.55 -0.08 0.00	51.91 -0.28 0.00	53.80 -0.18 0.00	51.03 -0.12 0.00
NEG MILLWOOD___DRP 24198	48.46 2.86 0.00	44.67 2.59 0.00	40.30 2.33 0.00	46.18 2.61 0.00	41.48 2.43 0.00	47.49 2.84 0.00	43.60 2.62 0.00	61.82 3.61 0.00	58.40 3.13 0.00	48.09 2.74 0.00	40.88 2.41 0.00	37.14 2.35 0.00	38.07 2.46 0.00	37.51 2.39 0.00	38.07 2.37 0.00	43.76 2.56 0.00	49.95 2.86 0.00	62.73 3.33 0.00	103.69 5.47 0.00	139.71 6.32 0.00	58.31 2.68 0.00	54.97 2.79 0.00	56.55 2.57 0.00	53.41 2.26 0.00
NEG NORTH_FLCN_SEA 23793	44.97 -0.62 0.00	41.50 -0.59 0.00	37.37 -0.60 0.00	42.88 -0.68 0.00	38.50 -0.55 0.00	44.07 -0.58 0.00	40.67 -0.30 0.00	57.96 -0.24 0.00	55.32 0.05 0.00	45.55 0.20 0.00	38.73 0.26 0.00	35.10 0.31 0.00	35.94 0.33 0.00	35.49 0.36 0.00	36.10 0.41 0.00	41.69 0.49 0.00	47.88 0.79 0.00	60.73 1.32 0.00	100.22 2.01 0.00	137.00 3.61 0.00	57.33 1.70 0.00	53.56 1.37 0.00	55.44 1.47 0.00	52.87 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	44.57 -1.03 0.00	41.16 -0.93 0.00	37.06 -0.91 0.00	42.51 -1.05 0.00	38.18 -0.87 0.00	43.77 -0.88 0.00	40.30 -0.68 0.00	57.47 -0.73 0.00	54.92 -0.34 0.00	45.22 -0.13 0.00	38.45 -0.01 0.00	34.76 -0.04 0.00	35.54 -0.07 0.00	35.13 0.00 0.00	35.69 -0.01 0.00	41.29 0.09 0.00	47.51 0.42 0.00	60.09 0.68 0.00	99.43 1.21 0.00	135.92 2.52 0.00	56.86 1.23 0.00	53.15 0.97 0.00	55.03 1.05 0.00	52.37 1.21 0.00
NEG NORTH___ALICE_FALLS 23915	45.08 -0.51 0.00	41.60 -0.48 0.00	37.46 -0.51 0.00	43.00 -0.57 0.00	38.58 -0.46 0.00	44.20 -0.46 0.00	40.80 -0.18 0.00	58.19 -0.01 0.00	55.58 0.31 0.00	45.75 0.39 0.00	38.88 0.42 0.00	35.23 0.43 0.00	36.03 0.42 0.00	35.59 0.46 0.00	36.22 0.52 0.00	41.89 0.68 0.00	48.11 1.02 0.00	60.99 1.58 0.00	100.74 2.53 0.00	137.72 4.32 0.00	57.63 1.99 0.00	53.79 1.60 0.00	55.69 1.71 0.00	53.06 1.90 0.00
NEG NORTH___LWR_SARANAC 23913	45.08 -0.51 0.00	41.60 -0.48 0.00	37.46 -0.51 0.00	43.00 -0.57 0.00	38.58 -0.46 0.00	44.20 -0.46 0.00	40.80 -0.18 0.00	58.19 -0.01 0.00	55.58 0.31 0.00	45.75 0.39 0.00	38.88 0.42 0.00	35.23 0.43 0.00	36.03 0.42 0.00	35.59 0.46 0.00	36.22 0.52 0.00	41.89 0.68 0.00	48.11 1.02 0.00	60.99 1.58 0.00	100.74 2.53 0.00	137.72 4.32 0.00	57.63 1.99 0.00	53.79 1.60 0.00	55.69 1.71 0.00	53.06 1.90 0.00
NEG NORTH___PLATTSBURG 23628	45.08 -0.51 0.00	41.60 -0.48 0.00	37.46 -0.51 0.00	43.00 -0.57 0.00	38.58 -0.46 0.00	44.20 -0.46 0.00	40.80 -0.18 0.00	58.20 -0.01 0.00	55.58 0.31 0.00	45.75 0.39 0.00	38.89 0.42 0.00	35.23 0.43 0.00	36.03 0.42 0.00	35.59 0.46 0.00	36.22 0.52 0.00	41.89 0.68 0.00	48.12 1.02 0.00	60.99 1.58 0.00	100.74 2.53 0.00	137.72 4.32 0.00	57.62 1.99 0.00	53.78 1.60 0.00	55.69 1.71 0.00	53.06 1.90 0.00
NEG WEST_LEA_LOCKPORT 23791	43.13 -2.46 0.00	40.02 -2.07 0.00	36.17 -1.80 0.00	41.53 -2.03 0.00	37.42 -1.63 0.00	43.10 -1.55 0.00	38.42 -2.55 0.00	54.09 -4.11 0.00	51.89 -3.37 0.00	43.06 -2.29 0.00	36.80 -1.66 0.00	32.78 -2.01 0.00	33.54 -2.07 0.00	33.05 -2.09 0.00	33.52 -2.18 0.00	38.76 -2.44 0.00	43.84 -3.26 0.00	54.76 -4.64 0.00	91.97 -6.24 0.00	126.05 -7.34 0.00	52.25 -3.38 0.00	49.35 -2.84 0.00	52.28 -1.69 0.00	50.21 -0.95 0.00
NEG WEST___LANCASTR 23811	43.46 -2.14 0.00	40.23 -1.86 0.00	36.32 -1.65 0.00	41.80 -1.76 0.00	37.68 -1.36 0.00	43.39 -1.26 0.00	39.07 -1.90 0.00	55.20 -3.01 0.00	52.74 -2.52 0.00	43.60 -1.75 0.00	37.17 -1.29 0.00	33.20 -1.59 0.00	34.03 -1.58 0.00	33.43 -1.69 0.00	33.96 -1.74 0.00	39.28 -1.93 0.00	44.56 -2.53 0.00	55.77 -3.64 0.00	93.63 -4.58 0.00	128.25 -5.14 0.00	53.02 -2.61 0.00	50.03 -2.16 0.00	52.76 -1.21 0.00	50.42 -0.74 0.00
NEG_PENN_ALLEGHNY 23528	45.78 0.19 0.00	42.25 0.16 0.00	38.12 0.15 0.00	43.79 0.23 0.00	39.34 0.29 0.00	45.03 0.38 0.00	41.26 0.29 0.00	58.57 0.36 0.00	55.46 0.20 0.00	45.52 0.17 0.00	38.60 0.13 0.00	34.85 0.06 0.00	35.74 0.12 0.00	35.17 0.04 0.00	35.76 0.06 0.00	41.37 0.16 0.00	47.25 0.15 0.00	59.54 0.13 0.00	98.70 0.49 0.00	134.13 0.73 0.00	55.76 0.12 0.00	52.39 0.21 0.00	54.37 0.40 0.00	51.48 0.32 0.00
NEG___GEN_MONROE 24207	44.68 -0.91 0.00	41.29 -0.80 0.00	37.34 -0.63 0.00	42.85 -0.71 0.00	38.57 -0.48 0.00	44.31 -0.34 0.00	40.09 -0.89 0.00	56.58 -1.63 0.00	54.06 -1.20 0.00	44.63 -0.72 0.00	37.88 -0.58 0.00	33.89 -0.91 0.00	34.74 -0.88 0.00	34.28 -0.85 0.00	34.74 -0.96 0.00	40.20 -1.01 0.00	45.79 -1.30 0.00	57.52 -1.88 0.00	96.15 -2.06 0.00	131.17 -2.23 0.00	54.43 -1.20 0.00	51.20 -0.99 0.00	53.64 -0.33 0.00	51.22 0.06 0.00
NEPA___ENERGY 23901	43.70 -1.89 0.00	40.38 -1.71 0.00	36.47 -1.50 0.00	42.07 -1.50 0.00	38.01 -1.04 0.00	43.76 -0.89 0.00	39.57 -1.41 0.00	56.15 -2.05 0.00	53.21 -2.06 0.00	43.87 -1.48 0.00	37.44 -1.02 0.00	33.50 -1.29 0.00	34.35 -1.27 0.00	33.61 -1.52 0.00	34.08 -1.62 0.00	39.51 -1.69 0.00	44.95 -2.15 0.00	56.35 -3.06 0.00	94.74 -3.48 0.00	129.49 -3.90 0.00	53.30 -2.33 0.00	50.25 -1.94 0.00	53.13 -0.85 0.00	50.64 -0.52 0.00

NEVERSINK___HYD 23608	47.65 2.06 0.00	43.94 1.85 0.00	39.63 1.66 0.00	45.42 1.86 0.00	40.81 1.76 0.00	46.72 2.07 0.00	42.94 1.96 0.00	60.98 2.77 0.00	57.62 2.35 0.00	47.31 1.96 0.00	40.11 1.65 0.00	36.38 1.59 0.00	37.36 1.75 0.00	36.86 1.73 0.00	37.35 1.66 0.00	43.07 1.87 0.00	49.28 2.19 0.00	61.95 2.55 0.00	102.57 4.36 0.00	138.38 4.99 0.00	57.77 2.14 0.00	54.39 2.20 0.00	56.02 2.05 0.00	52.90 1.74 0.00
NEWKRMKL_115KV_TB1 55635	46.96 1.37 0.00	43.30 1.22 0.00	39.07 1.10 0.00	44.78 1.21 0.00	40.13 1.08 0.00	45.89 1.23 0.00	42.19 1.22 0.00	59.88 1.67 0.00	56.53 1.26 0.00	46.21 0.86 0.00	39.14 0.67 0.00	35.49 0.70 0.00	36.27 0.66 0.00	35.75 0.62 0.00	36.38 0.68 0.00	41.85 0.64 0.00	47.83 0.73 0.00	60.49 1.09 0.00	99.58 1.36 0.00	135.14 1.75 0.00	56.34 0.70 0.00	52.82 0.64 0.00	54.46 0.48 0.00	51.51 0.35 0.00
NEWTON___FALLS_HYD 23847	45.12 -0.48 0.00	41.63 -0.46 0.00	37.60 -0.37 0.00	43.08 -0.48 0.00	38.68 -0.36 0.00	44.43 -0.22 0.00	41.12 0.14 0.00	59.05 0.84 0.00	56.30 1.04 0.00	46.21 0.85 0.00	39.02 0.56 0.00	34.98 0.19 0.00	35.62 0.01 0.00	35.08 -0.05 0.00	35.85 0.15 0.00	41.52 0.31 0.00	47.92 0.83 0.00	60.99 1.58 0.00	101.36 3.15 0.00	137.74 4.35 0.00	57.49 1.86 0.00	53.73 1.55 0.00	55.52 1.54 0.00	52.61 1.45 0.00
NGRID_A1_DSASP 323792	42.58 -3.01 0.00	39.54 -2.55 0.00	35.73 -2.24 0.00	41.04 -2.52 0.00	36.96 -2.08 0.00	42.51 -2.14 0.00	37.97 -3.01 0.00	53.42 -4.79 0.00	51.28 -3.99 0.00	42.58 -2.77 0.00	36.43 -2.03 0.00	32.52 -2.28 0.00	33.26 -2.35 0.00	32.79 -2.34 0.00	33.26 -2.44 0.00	38.42 -2.78 0.00	43.32 -3.77 0.00	53.68 -5.73 0.00	89.99 -8.23 0.00	123.42 -9.98 0.00	51.19 -4.44 0.00	48.38 -3.80 0.00	51.68 -2.30 0.00	49.86 -1.29 0.00
NGRID_A2_DSASP 323793	42.58 -3.01 0.00	39.54 -2.55 0.00	35.73 -2.24 0.00	41.04 -2.52 0.00	36.96 -2.08 0.00	42.51 -2.14 0.00	37.97 -3.01 0.00	53.42 -4.79 0.00	51.28 -3.99 0.00	42.58 -2.77 0.00	36.43 -2.03 0.00	32.52 -2.28 0.00	33.26 -2.35 0.00	32.79 -2.34 0.00	33.26 -2.44 0.00	38.42 -2.78 0.00	43.32 -3.77 0.00	53.68 -5.73 0.00	89.99 -8.23 0.00	123.42 -9.98 0.00	51.19 -4.44 0.00	48.38 -3.80 0.00	51.68 -2.30 0.00	49.86 -1.29 0.00
NGRID_A4_DSASP 323807	42.58 -3.01 0.00	39.54 -2.55 0.00	35.73 -2.24 0.00	41.04 -2.52 0.00	36.96 -2.08 0.00	42.51 -2.14 0.00	37.97 -3.01 0.00	53.42 -4.79 0.00	51.28 -3.99 0.00	42.58 -2.77 0.00	36.43 -2.03 0.00	32.52 -2.28 0.00	33.26 -2.35 0.00	32.79 -2.34 0.00	33.26 -2.44 0.00	38.42 -2.78 0.00	43.32 -3.77 0.00	53.68 -5.73 0.00	89.99 -8.23 0.00	123.42 -9.98 0.00	51.19 -4.44 0.00	48.38 -3.80 0.00	51.68 -2.30 0.00	49.86 -1.29 0.00
NIAGARA_115E_LBMP 323715	42.70 -2.89 0.00	39.61 -2.48 0.00	35.82 -2.15 0.00	41.10 -2.46 0.00	37.04 -2.00 0.00	42.66 -1.99 0.00	37.84 -3.13 0.00	53.18 -5.03 0.00	51.04 -4.22 0.00	42.44 -2.91 0.00	36.39 -2.08 0.00	32.40 -2.40 0.00	33.09 -2.53 0.00	32.62 -2.52 0.00	33.08 -2.62 0.00	38.24 -2.97 0.00	43.15 -3.94 0.00	53.79 -5.61 0.00	90.31 -7.90 0.00	123.87 -9.53 0.00	51.34 -4.29 0.00	48.50 -3.68 0.00	51.49 -2.49 0.00	49.51 -1.65 0.00
NIAGARA_115W_LBMP 323714	42.52 -3.07 0.00	39.47 -2.62 0.00	35.68 -2.29 0.00	40.98 -2.58 0.00	36.91 -2.13 0.00	42.43 -2.22 0.00	37.90 -3.08 0.00	53.31 -4.90 0.00	51.17 -4.10 0.00	42.50 -2.85 0.00	36.38 -2.09 0.00	32.46 -2.33 0.00	33.21 -2.41 0.00	32.73 -2.40 0.00	33.19 -2.51 0.00	38.35 -2.85 0.00	43.24 -3.86 0.00	53.51 -5.90 0.00	89.73 -8.48 0.00	123.08 -10.31 0.00	51.02 -4.61 0.00	48.21 -3.97 0.00	51.58 -2.39 0.00	49.78 -1.37 0.00
NIAGARA_230_LBMP 323716	42.90 -2.70 0.00	39.76 -2.32 0.00	35.93 -2.04 0.00	41.30 -2.26 0.00	37.18 -1.86 0.00	42.80 -1.85 0.00	38.28 -2.70 0.00	53.89 -4.32 0.00	51.69 -3.58 0.00	42.89 -2.46 0.00	36.69 -1.78 0.00	32.76 -2.03 0.00	33.52 -2.09 0.00	33.04 -2.09 0.00	33.49 -2.21 0.00	38.69 -2.51 0.00	43.70 -3.40 0.00	54.42 -4.98 0.00	91.29 -6.93 0.00	125.16 -8.23 0.00	51.85 -3.78 0.00	48.91 -3.28 0.00	51.88 -2.10 0.00	49.87 -1.29 0.00
NIAGARA___115KV_198_GIBSON 55903	42.51 -3.08 0.00	39.47 -2.62 0.00	35.67 -2.30 0.00	40.99 -2.58 0.00	36.91 -2.14 0.00	42.43 -2.22 0.00	37.90 -3.08 0.00	53.31 -4.90 0.00	51.18 -4.09 0.00	42.50 -2.85 0.00	36.37 -2.10 0.00	32.46 -2.34 0.00	33.21 -2.41 0.00	32.73 -2.40 0.00	33.19 -2.50 0.00	38.35 -2.86 0.00	43.24 -3.85 0.00	53.53 -5.87 0.00	89.76 -8.45 0.00	123.08 -10.31 0.00	51.05 -4.58 0.00	48.26 -3.92 0.00	51.60 -2.38 0.00	49.78 -1.38 0.00
NIAGARA____ 23760	42.90 -2.70 0.00	39.76 -2.32 0.00	35.93 -2.04 0.00	41.30 -2.26 0.00	37.18 -1.86 0.00	42.80 -1.85 0.00	38.28 -2.70 0.00	53.89 -4.32 0.00	51.69 -3.58 0.00	42.89 -2.46 0.00	36.69 -1.78 0.00	32.76 -2.03 0.00	33.52 -2.09 0.00	33.04 -2.09 0.00	33.49 -2.21 0.00	38.69 -2.51 0.00	43.70 -3.40 0.00	54.42 -4.98 0.00	91.29 -6.93 0.00	125.16 -8.23 0.00	51.85 -3.78 0.00	48.91 -3.28 0.00	51.88 -2.10 0.00	49.87 -1.29 0.00
NINE_MILE_1 23575	44.13 -1.46 0.00	40.74 -1.35 0.00	36.75 -1.22 0.00	42.18 -1.38 0.00	37.76 -1.28 0.00	43.05 -1.60 0.00	39.46 -1.51 0.00	55.99 -2.21 0.00	53.16 -2.11 0.00	43.64 -1.72 0.00	37.01 -1.46 0.00	33.44 -1.36 0.00	34.24 -1.37 0.00	33.81 -1.32 0.00	34.37 -1.33 0.00	39.68 -1.52 0.00	45.35 -1.75 0.00	57.17 -2.24 0.00	94.59 -3.62 0.00	128.46 -4.93 0.00	53.52 -2.11 0.00	50.27 -1.92 0.00	52.04 -1.94 0.00	49.32 -1.84 0.00
NINE_MILE_2 23744	44.14 -1.46 0.00	40.74 -1.35 0.00	36.75 -1.22 0.00	42.19 -1.37 0.00	37.77 -1.28 0.00	43.05 -1.60 0.00	39.46 -1.51 0.00	55.99 -2.21 0.00	53.16 -2.11 0.00	43.64 -1.72 0.00	37.01 -1.46 0.00	33.44 -1.35 0.00	34.24 -1.37 0.00	33.81 -1.32 0.00	34.38 -1.32 0.00	39.69 -1.52 0.00	45.35 -1.75 0.00	57.17 -2.24 0.00	94.59 -3.62 0.00	128.46 -4.93 0.00	53.52 -2.11 0.00	50.27 -1.92 0.00	52.04 -1.93 0.00	49.32 -1.84 0.00
NM_CAPITAL___DRP 24208	46.84 1.24 0.00	43.19 1.10 0.00	38.96 0.99 0.00	44.67 1.11 0.00	40.01 0.97 0.00	45.76 1.10 0.00	42.08 1.10 0.00	59.70 1.49 0.00	56.36 1.10 0.00	46.08 0.72 0.00	39.00 0.53 0.00	35.36 0.57 0.00	36.13 0.52 0.00	35.63 0.50 0.00	36.24 0.54 0.00	41.69 0.48 0.00	47.63 0.53 0.00	60.23 0.83 0.00	99.12 0.90 0.00	134.52 1.13 0.00	56.10 0.47 0.00	52.61 0.42 0.00	54.24 0.26 0.00	51.30 0.15 0.00
NM_CENTRAL___DRP 24181	44.97 -0.62 0.00	41.50 -0.59 0.00	37.44 -0.53 0.00	42.99 -0.57 0.00	38.51 -0.53 0.00	43.95 -0.69 0.00	40.28 -0.69 0.00	57.21 -1.00 0.00	54.35 -0.91 0.00	44.64 -0.71 0.00	37.85 -0.62 0.00	34.19 -0.61 0.00	35.01 -0.60 0.00	34.48 -0.65 0.00	35.08 -0.62 0.00	40.53 -0.67 0.00	46.29 -0.80 0.00	58.37 -1.04 0.00	96.63 -1.59 0.00	131.19 -2.20 0.00	54.63 -1.00 0.00	51.29 -0.90 0.00	53.12 -0.85 0.00	50.34 -0.81 0.00

NM_FRONTIER___DRP 24179	42.51 -3.08 0.00	39.47 -2.62 0.00	35.67 -2.30 0.00	40.99 -2.58 0.00	36.91 -2.14 0.00	42.43 -2.22 0.00	37.90 -3.08 0.00	53.31 -4.90 0.00	51.18 -4.09 0.00	42.50 -2.85 0.00	36.37 -2.10 0.00	32.46 -2.34 0.00	33.21 -2.41 0.00	32.73 -2.40 0.00	33.19 -2.50 0.00	38.35 -2.86 0.00	43.24 -3.85 0.00	53.53 -5.87 0.00	89.76 -8.45 0.00	123.08 -10.31 0.00	51.05 -4.58 0.00	48.26 -3.92 0.00	51.60 -2.38 0.00	49.78 -1.38 0.00
NM_ST_REGIS___HYD 24053	45.86 0.27 0.00	42.34 0.26 0.00	38.18 0.20 0.00	43.78 0.22 0.00	39.31 0.26 0.00	45.14 0.48 0.00	41.57 0.59 0.00	59.38 1.17 0.00	56.79 1.52 0.00	46.71 1.36 0.00	39.63 1.16 0.00	35.69 0.90 0.00	36.49 0.87 0.00	35.94 0.80 0.00	36.53 0.83 0.00	42.27 1.06 0.00	48.57 1.47 0.00	61.54 2.14 0.00	102.27 4.06 0.00	139.30 5.91 0.00	58.21 2.58 0.00	54.36 2.17 0.00	56.23 2.25 0.00	53.42 2.26 0.00
NORTHPORT___1 23551	40.29 1.93 7.23	44.00 1.91 0.00	39.81 1.84 0.00	45.45 1.89 0.00	40.94 1.89 0.00	46.98 2.33 0.00	41.82 1.23 0.39	21.19 1.56 38.57	17.51 1.55 39.30	43.25 1.93 4.04	46.00 2.37 -5.17	53.49 2.47 -16.22	38.30 2.44 -0.25	89.75 2.42 -52.20	42.89 2.29 -4.90	42.77 1.66 0.09	47.35 1.80 1.54	29.80 2.32 31.93	64.39 2.39 36.21	125.75 1.48 9.12	31.56 0.95 25.02	30.83 1.34 22.70	53.37 1.03 1.64	35.80 0.83 16.19
NORTHPORT___2 23552	40.29 1.93 7.23	44.00 1.91 0.00	39.81 1.84 0.00	45.45 1.89 0.00	40.94 1.89 0.00	46.98 2.33 0.00	41.82 1.23 0.39	21.19 1.56 38.57	17.51 1.55 39.30	43.25 1.93 4.04	46.00 2.37 -5.17	53.49 2.47 -16.22	38.30 2.44 -0.25	89.75 2.42 -52.20	42.89 2.29 -4.90	42.77 1.66 0.09	47.35 1.80 1.54	29.80 2.32 31.93	64.39 2.39 36.21	125.75 1.48 9.12	31.56 0.95 25.02	30.83 1.34 22.70	53.37 1.03 1.64	35.80 0.83 16.19
NORTHPORT___3 23553	40.14 1.74 7.19	43.84 1.76 0.00	39.67 1.71 0.00	45.29 1.73 0.00	40.79 1.75 0.00	46.80 2.15 0.00	41.70 1.04 0.31	21.11 1.27 38.36	17.45 1.27 39.08	39.62 1.72 7.45	45.85 2.23 -5.16	53.62 2.36 -16.46	38.20 2.34 -0.25	90.15 2.30 -52.72	42.79 2.19 -4.90	42.60 1.48 0.09	47.15 1.58 1.53	29.67 2.02 31.75	64.05 1.85 36.02	125.06 0.75 9.08	31.38 0.66 24.91	30.65 1.06 22.59	53.10 0.76 1.63	35.64 0.60 16.12
NORTHPORT___4 23650	40.14 1.74 7.19	43.84 1.76 0.00	39.67 1.71 0.00	45.29 1.73 0.00	40.79 1.75 0.00	46.80 2.15 0.00	41.70 1.04 0.31	21.11 1.27 38.36	17.45 1.27 39.08	39.62 1.72 7.45	45.85 2.23 -5.16	53.62 2.36 -16.46	38.20 2.34 -0.25	90.15 2.30 -52.72	42.79 2.19 -4.90	42.60 1.48 0.09	47.15 1.58 1.53	29.67 2.02 31.75	64.05 1.85 36.02	125.06 0.75 9.08	31.38 0.66 24.91	30.65 1.06 22.59	53.10 0.76 1.63	35.64 0.60 16.12
NORTHPORT___IC 23718	40.31 1.95 7.23	44.00 1.91 0.00	39.81 1.84 0.00	45.45 1.89 0.00	40.94 1.89 0.00	46.98 2.33 0.00	41.82 1.23 0.39	21.19 1.56 38.57	17.52 1.55 39.30	43.25 1.94 4.04	46.01 2.38 -5.17	53.49 2.47 -16.22	38.29 2.43 -0.25	89.75 2.42 -52.20	42.88 2.28 -4.90	42.78 1.66 0.09	47.37 1.82 1.54	29.79 2.31 31.93	64.38 2.38 36.21	125.75 1.49 9.12	31.56 0.95 25.02	30.83 1.34 22.70	53.37 1.03 1.64	35.80 0.83 16.19
NORTH___COUNTRY_ESR 323785	44.47 -1.12 0.00	41.07 -1.02 0.00	36.99 -0.99 0.00	42.43 -1.13 0.00	38.10 -0.94 0.00	43.67 -0.98 0.00	40.22 -0.76 0.00	57.33 -0.87 0.00	54.78 -0.49 0.00	45.13 -0.22 0.00	38.38 -0.09 0.00	34.69 -0.10 0.00	35.52 -0.10 0.00	35.09 -0.04 0.00	35.64 -0.06 0.00	41.21 0.01 0.00	47.41 0.31 0.00	59.92 0.52 0.00	99.08 0.87 0.00	135.47 2.07 0.00	56.68 1.05 0.00	52.99 0.80 0.00	54.86 0.89 0.00	52.23 1.07 0.00
NPX_GEN_1385_PROXY 323591	40.15 1.79 7.23	43.80 1.71 0.00	39.75 1.78 0.00	45.32 1.76 0.00	40.81 1.77 0.00	46.81 2.16 0.00	42.05 1.46 0.39	21.36 1.73 38.57	17.68 1.71 39.30	42.88 1.56 4.04	4.42 2.04 36.08	27.63 2.17 9.33	38.02 2.15 -0.25	42.94 2.12 -5.69	42.65 2.05 -4.90	42.80 1.68 0.09	47.19 1.64 1.54	29.70 2.22 31.93	63.83 1.82 36.21	126.02 1.75 9.12	31.47 0.86 25.02	30.65 1.16 22.70	53.10 0.76 1.64	32.30 0.49 19.34
NPX_GEN_CSC 323557	39.86 1.35 7.09	43.30 1.21 0.00	39.12 1.15 0.00	44.66 1.11 0.00	40.24 1.19 0.00	46.55 1.90 0.00	27.41 0.34 13.91	19.03 0.43 39.61	17.14 0.62 38.74	34.74 1.17 11.78	4.47 1.62 35.62	7.49 1.79 29.10	36.61 1.87 0.88	48.77 1.87 -11.77	34.66 1.73 2.77	42.32 1.21 0.09	46.82 1.34 1.63	29.74 1.64 31.31	63.71 1.08 35.58	123.69 -0.69 9.01	31.11 0.18 24.70	30.48 0.71 22.42	52.74 0.38 1.62	31.85 -0.16 19.14
NSINS_S_GLNS_FALLS 23858	47.32 1.73 0.00	43.61 1.52 0.00	39.31 1.34 0.00	45.08 1.52 0.00	40.38 1.33 0.00	46.17 1.52 0.00	42.70 1.73 0.00	60.58 2.37 0.00	57.33 2.06 0.00	46.60 1.25 0.00	39.30 0.84 0.00	35.66 0.86 0.00	36.35 0.74 0.00	35.87 0.74 0.00	36.51 0.82 0.00	42.25 1.04 0.00	48.51 1.42 0.00	62.23 2.82 0.00	101.58 3.37 0.00	138.07 4.68 0.00	57.33 1.70 0.00	53.47 1.28 0.00	55.25 1.27 0.00	52.32 1.16 0.00
NUCOR_STEEL___DRP 24197	45.38 -0.21 0.00	41.88 -0.22 0.00	37.78 -0.19 0.00	43.47 -0.09 0.00	38.90 -0.15 0.00	44.45 -0.20 0.00	40.87 -0.11 0.00	58.02 -0.18 0.00	55.11 -0.16 0.00	45.07 -0.28 0.00	38.32 -0.14 0.00	34.57 -0.23 0.00	35.42 -0.20 0.00	34.90 -0.23 0.00	35.52 -0.18 0.00	41.04 -0.16 0.00	46.73 -0.36 0.00	58.90 -0.51 0.00	98.10 -0.11 0.00	133.40 0.01 0.00	55.51 -0.11 0.00	51.86 -0.33 0.00	53.74 -0.24 0.00	50.97 -0.19 0.00
NUMBER_THREE_WT_PWR 323818	44.30 -1.30 0.00	40.90 -1.19 0.00	36.97 -1.00 0.00	42.35 -1.22 0.00	38.04 -1.00 0.00	43.75 -0.90 0.00	40.69 -0.29 0.00	58.81 0.61 0.00	56.08 0.82 0.00	45.88 0.53 0.00	38.64 0.17 0.00	34.59 -0.20 0.00	35.06 -0.56 0.00	34.54 -0.59 0.00	35.52 -0.18 0.00	41.13 -0.07 0.00	47.71 0.61 0.00	60.97 1.57 0.00	101.19 2.97 0.00	137.30 3.90 0.00	57.27 1.64 0.00	53.56 1.38 0.00	55.28 1.30 0.00	52.30 1.15 0.00
NYISO_LBMP_REFERENCE 24008	45.59 0.00 0.00	42.09 0.00 0.00	37.97 0.00 0.00	43.56 0.00 0.00	39.04 0.00 0.00	44.65 0.00 0.00	40.98 0.00 0.00	58.20 0.00 0.00	55.27 0.00 0.00	45.35 0.00 0.00	38.47 0.00 0.00	34.79 0.00 0.00	35.61 0.00 0.00	35.13 0.00 0.00	35.70 0.00 0.00	41.20 0.00 0.00	47.09 0.00 0.00	59.40 0.00 0.00	98.22 0.00 0.00	133.40 0.00 0.00	55.63 0.00 0.00	52.19 0.00 0.00	53.97 0.00 0.00	51.16 0.00 0.00
NYPA_BRENTWD____GT 24164	41.32 2.39 6.66	44.38 2.29 0.00	40.13 2.16 0.00	45.81 2.25 0.00	41.26 2.21 0.00	47.38 2.73 0.00	42.06 1.64 0.55	23.87 2.01 36.35	20.27 1.98 36.97	44.64 2.31 3.02	46.23 2.62 -5.15	52.98 2.75 -15.44	38.45 2.59 -0.25	88.12 2.62 -50.37	43.02 2.44 -4.88	43.14 2.02 0.08	47.97 2.31 1.43	32.96 2.96 29.40	68.10 3.51 33.63	127.89 3.14 8.63	33.47 1.52 23.68	32.51 1.86 21.54	54.09 1.66 1.56	37.04 1.24 15.37

NYPA_GOWANUS____GT5 24156	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NYPA_GOWANUS____GT6 24157	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.27 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.65 2.68 0.00	61.72 3.51 0.00	58.28 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.23 2.62 0.00	37.68 2.55 0.00	38.22 2.52 0.00	43.89 2.69 0.00	50.01 2.91 0.00	62.47 3.06 0.00	103.35 5.13 0.00	138.83 5.44 0.00	58.07 2.43 0.00	54.88 2.69 0.00	56.31 2.33 0.00	53.26 2.10 0.00
NYPA_HARLEM__RVR__GT1 24160	48.10 2.51 0.00	44.00 1.91 0.01	39.69 1.73 0.01	45.44 1.89 0.01	40.84 1.80 0.01	47.21 2.56 0.00	43.40 2.42 0.00	61.47 3.27 0.00	58.13 2.87 0.00	48.01 2.66 0.00	40.85 2.39 0.00	37.14 2.35 0.00	38.12 2.50 0.00	37.53 2.40 0.00	38.04 2.35 0.00	43.68 2.48 0.00	49.74 2.64 0.00	62.19 2.78 0.00	102.87 4.65 0.00	138.34 4.95 0.00	57.87 2.24 0.00	54.66 2.47 0.00	56.10 2.12 0.00	53.04 1.88 0.00
NYPA_HARLEM__RVR__GT2 24161	48.10 2.51 0.00	44.00 1.91 0.01	39.69 1.73 0.01	45.44 1.89 0.01	40.84 1.80 0.01	47.21 2.56 0.00	43.40 2.42 0.00	61.47 3.27 0.00	58.13 2.87 0.00	48.01 2.66 0.00	40.85 2.39 0.00	37.14 2.35 0.00	38.12 2.50 0.00	37.53 2.40 0.00	38.04 2.35 0.00	43.68 2.48 0.00	49.74 2.64 0.00	62.19 2.78 0.00	102.87 4.65 0.00	138.34 4.95 0.00	57.87 2.24 0.00	54.66 2.47 0.00	56.10 2.12 0.00	53.04 1.88 0.00
NYPA_KENT_____GT 24152	48.37 2.78 0.00	44.52 2.43 0.00	40.17 2.21 0.00	46.00 2.44 0.00	41.35 2.30 0.00	47.50 2.85 0.00	43.59 2.61 0.00	61.61 3.40 0.00	58.19 2.93 0.00	48.09 2.74 0.00	40.95 2.48 0.00	37.25 2.45 0.00	38.20 2.58 0.00	37.63 2.50 0.00	38.19 2.49 0.00	43.84 2.63 0.00	49.93 2.83 0.00	62.36 2.96 0.00	103.12 4.91 0.00	138.58 5.18 0.00	57.96 2.33 0.00	54.79 2.60 0.00	56.24 2.26 0.00	53.16 2.01 0.00
NYPA_POUCHI_____GT 24155	48.56 2.97 0.00	44.78 2.69 0.00	40.41 2.44 0.00	46.29 2.73 0.00	41.61 2.56 0.00	47.79 3.14 0.00	43.80 2.83 0.00	61.87 3.66 0.00	58.43 3.16 0.00	48.27 2.92 0.00	41.05 2.58 0.00	37.32 2.53 0.00	38.29 2.68 0.00	37.75 2.61 0.00	38.28 2.58 0.00	43.97 2.76 0.00	50.08 2.99 0.00	62.58 3.17 0.00	103.53 5.32 0.00	138.92 5.53 0.00	58.08 2.45 0.00	54.95 2.77 0.00	56.36 2.39 0.00	53.32 2.16 0.00
NYPA_VERNON_____GT2 24162	48.30 2.71 0.00	44.46 2.37 0.00	40.11 2.14 0.00	45.92 2.36 0.00	41.27 2.23 0.00	47.42 2.77 0.00	43.52 2.54 0.00	61.51 3.30 0.00	58.09 2.82 0.00	48.02 2.67 0.00	40.91 2.44 0.00	37.22 2.43 0.00	38.16 2.55 0.00	37.60 2.47 0.00	38.14 2.44 0.00	43.77 2.57 0.00	49.86 2.76 0.00	62.27 2.87 0.00	102.88 4.67 0.00	138.31 4.91 0.00	57.86 2.23 0.00	54.68 2.50 0.00	56.15 2.17 0.00	53.08 1.92 0.00
NYPA_VERNON_____GT3 24163	48.30 2.71 0.00	44.46 2.37 0.00	40.11 2.14 0.00	45.92 2.36 0.00	41.27 2.23 0.00	47.42 2.77 0.00	43.52 2.54 0.00	61.51 3.30 0.00	58.09 2.82 0.00	48.02 2.67 0.00	40.91 2.44 0.00	37.22 2.43 0.00	38.16 2.55 0.00	37.60 2.47 0.00	38.14 2.44 0.00	43.77 2.57 0.00	49.86 2.76 0.00	62.27 2.87 0.00	102.88 4.67 0.00	138.31 4.91 0.00	57.86 2.23 0.00	54.68 2.50 0.00	56.15 2.17 0.00	53.08 1.92 0.00
NYPA__ASTORIA_CC1 323568	48.21 2.61 0.00	44.34 2.25 0.00	40.00 2.03 0.00	45.81 2.25 0.00	41.17 2.13 0.00	47.35 2.69 0.00	43.46 2.48 0.00	61.43 3.22 0.00	58.02 2.75 0.00	47.96 2.60 0.00	40.84 2.38 0.00	37.17 2.38 0.00	38.10 2.49 0.00	37.55 2.42 0.00	38.09 2.39 0.00	43.71 2.50 0.00	49.77 2.68 0.00	62.18 2.77 0.00	102.72 4.50 0.00	138.15 4.75 0.00	57.79 2.16 0.00	54.62 2.43 0.00	56.08 2.10 0.00	53.00 1.85 0.00
NYPA__ASTORIA_CC2 323569	48.21 2.61 0.00	44.34 2.25 0.00	40.00 2.03 0.00	45.81 2.25 0.00	41.17 2.13 0.00	47.35 2.69 0.00	43.46 2.48 0.00	61.43 3.22 0.00	58.02 2.75 0.00	47.96 2.60 0.00	40.84 2.38 0.00	37.17 2.38 0.00	38.10 2.49 0.00	37.55 2.42 0.00	38.09 2.39 0.00	43.71 2.50 0.00	49.77 2.68 0.00	62.18 2.77 0.00	102.72 4.50 0.00	138.15 4.75 0.00	57.79 2.16 0.00	54.62 2.43 0.00	56.08 2.10 0.00	53.00 1.85 0.00
NYPA__HOLTSVILL 23794	40.23 1.75 7.11	43.83 1.74 0.00	39.63 1.66 0.00	45.25 1.69 0.00	40.76 1.71 0.00	46.91 2.26 0.00	37.97 1.01 4.02	21.23 1.35 38.32	17.83 1.40 38.83	43.26 1.82 3.92	40.77 2.19 -0.11	40.57 2.28 -3.49	37.95 2.23 -0.11	68.61 2.26 -31.21	41.77 2.12 -3.95	42.67 1.55 0.09	47.35 1.79 1.53	30.30 2.31 31.41	64.88 2.35 35.69	125.60 1.23 9.02	31.81 0.94 24.76	31.08 1.36 22.46	53.35 0.99 1.62	35.77 0.64 16.02
NYPA_____HELLGATE_GT1 24158	48.10 2.51 0.00	44.00 1.91 0.01	39.69 1.73 0.01	45.44 1.89 0.01	40.84 1.80 0.01	47.21 2.56 0.00	43.40 2.42 0.00	61.47 3.27 0.00	58.13 2.87 0.00	48.01 2.66 0.00	40.85 2.39 0.00	37.14 2.35 0.00	38.12 2.50 0.00	37.53 2.40 0.00	38.04 2.35 0.00	43.68 2.48 0.00	49.74 2.64 0.00	62.19 2.78 0.00	102.87 4.65 0.00	138.34 4.95 0.00	57.87 2.24 0.00	54.66 2.47 0.00	56.10 2.12 0.00	53.04 1.88 0.00
NYPA_____HELLGATE_GT2 24159	48.10 2.51 0.00	44.00 1.91 0.01	39.69 1.73 0.01	45.44 1.89 0.01	40.84 1.80 0.01	47.21 2.56 0.00	43.40 2.42 0.00	61.47 3.27 0.00	58.13 2.87 0.00	48.01 2.66 0.00	40.85 2.39 0.00	37.14 2.35 0.00	38.12 2.50 0.00	37.53 2.40 0.00	38.04 2.35 0.00	43.68 2.48 0.00	49.74 2.64 0.00	62.19 2.78 0.00	102.87 4.65 0.00	138.34 4.95 0.00	57.87 2.24 0.00	54.66 2.47 0.00	56.10 2.12 0.00	53.04 1.88 0.00
NYS_BARGE__HYD 23848	43.23 -2.37 0.00	40.07 -2.02 0.00	36.22 -1.75 0.00	41.58 -1.98 0.00	37.46 -1.58 0.00	43.14 -1.51 0.00	38.43 -2.55 0.00	54.09 -4.12 0.00	51.88 -3.38 0.00	43.07 -2.28 0.00	36.83 -1.64 0.00	32.80 -2.00 0.00	33.55 -2.07 0.00	33.06 -2.08 0.00	33.52 -2.18 0.00	38.76 -2.44 0.00	43.84 -3.26 0.00	54.74 -4.67 0.00	91.96 -6.26 0.00	126.08 -7.31 0.00	52.22 -3.41 0.00	49.29 -2.89 0.00	52.28 -1.70 0.00	50.22 -0.94 0.00
OAK ORCHARD__HYD 24046	44.40 -1.19 0.00	41.05 -1.04 0.00	37.05 -0.92 0.00	42.55 -1.01 0.00	38.22 -0.82 0.00	43.87 -0.78 0.00	39.76 -1.22 0.00	56.30 -1.91 0.00	53.81 -1.46 0.00	44.40 -0.95 0.00	37.77 -0.69 0.00	33.90 -0.89 0.00	34.71 -0.90 0.00	34.22 -0.91 0.00	34.70 -1.00 0.00	40.14 -1.07 0.00	45.64 -1.45 0.00	57.29 -2.11 0.00	95.64 -2.58 0.00	130.44 -2.96 0.00	54.14 -1.49 0.00	50.90 -1.29 0.00	53.29 -0.69 0.00	50.81 -0.35 0.00

OAKDALE___35_KV_LOAD 356122	45.65 0.06 0.00	42.13 0.04 0.00	38.02 0.05 0.00	43.67 0.10 0.00	39.22 0.18 0.00	44.89 0.24 0.00	41.12 0.14 0.00	58.39 0.18 0.00	55.30 0.03 0.00	45.39 0.04 0.00	38.50 0.03 0.00	34.76 -0.03 0.00	35.63 0.02 0.00	35.07 -0.06 0.00	35.66 -0.04 0.00	41.24 0.04 0.00	47.08 -0.01 0.00	59.31 -0.10 0.00	98.33 0.11 0.00	133.55 0.16 0.00	55.56 -0.07 0.00	52.22 0.04 0.00	54.17 0.19 0.00	51.31 0.15 0.00
OCC_CHEM___DRP 24175	42.58 -3.01 0.00	39.54 -2.55 0.00	35.73 -2.24 0.00	41.04 -2.52 0.00	36.96 -2.08 0.00	42.51 -2.14 0.00	37.97 -3.01 0.00	53.42 -4.79 0.00	51.28 -3.99 0.00	42.58 -2.77 0.00	36.43 -2.03 0.00	32.52 -2.28 0.00	33.26 -2.35 0.00	32.79 -2.34 0.00	33.26 -2.44 0.00	38.42 -2.78 0.00	43.32 -3.77 0.00	53.68 -5.73 0.00	89.99 -8.23 0.00	123.42 -9.98 0.00	51.19 -4.44 0.00	48.38 -3.80 0.00	51.68 -2.30 0.00	49.86 -1.29 0.00
OH_GEN_PROXY 24063	42.93 -2.66 0.00	39.80 -2.29 0.00	35.96 -2.01 0.00	41.32 -2.24 0.00	37.21 -1.84 0.00	42.84 -1.81 0.00	38.38 -2.60 0.00	54.07 -4.14 0.00	51.83 -3.44 0.00	42.97 -2.38 0.00	36.76 -1.71 0.00	32.82 -1.98 0.00	33.60 -2.01 0.00	33.12 -2.02 0.00	33.57 -2.13 0.00	38.79 -2.42 0.00	43.83 -3.27 0.00	54.62 -4.78 0.00	91.63 -6.59 0.00	125.57 -7.83 0.00	52.01 -3.62 0.00	49.04 -3.14 0.00	51.94 -2.03 0.00	71.10 -1.28 -21.22
OLIN_CORP_DRP 24177	42.74 -2.86 0.00	39.66 -2.42 0.00	35.86 -2.11 0.00	41.16 -2.40 0.00	37.08 -1.96 0.00	42.71 -1.94 0.00	37.94 -3.04 0.00	53.32 -4.89 0.00	51.17 -4.09 0.00	42.54 -2.81 0.00	36.45 -2.02 0.00	32.46 -2.33 0.00	33.17 -2.45 0.00	32.69 -2.44 0.00	33.17 -2.53 0.00	38.32 -2.88 0.00	43.25 -3.85 0.00	53.96 -5.45 0.00	90.55 -7.66 0.00	124.16 -9.23 0.00	51.49 -4.14 0.00	48.66 -3.52 0.00	51.60 -2.38 0.00	49.61 -1.55 0.00
OLIN_CORP_DSASP 323712	42.58 -3.01 0.00	39.54 -2.55 0.00	35.73 -2.24 0.00	41.04 -2.52 0.00	36.96 -2.08 0.00	42.51 -2.14 0.00	37.97 -3.01 0.00	53.42 -4.79 0.00	51.28 -3.99 0.00	42.58 -2.77 0.00	36.43 -2.03 0.00	32.52 -2.28 0.00	33.26 -2.35 0.00	32.79 -2.34 0.00	33.26 -2.44 0.00	38.42 -2.78 0.00	43.32 -3.77 0.00	53.68 -5.73 0.00	89.99 -8.23 0.00	123.42 -9.98 0.00	51.19 -4.44 0.00	48.38 -3.80 0.00	51.68 -2.30 0.00	49.86 -1.29 0.00
ONEIDA_HERK_LFGE 323681	45.62 0.03 0.00	42.12 0.03 0.00	38.04 0.07 0.00	43.62 0.05 0.00	39.15 0.11 0.00	44.91 0.26 0.00	41.49 0.52 0.00	59.41 1.21 0.00	56.47 1.20 0.00	46.22 0.87 0.00	39.02 0.56 0.00	35.13 0.33 0.00	35.81 0.20 0.00	35.28 0.15 0.00	36.06 0.36 0.00	41.74 0.53 0.00	47.97 0.88 0.00	60.92 1.51 0.00	100.77 2.56 0.00	136.77 3.37 0.00	57.01 1.38 0.00	53.40 1.22 0.00	55.14 1.17 0.00	52.18 1.02 0.00
ONEIDA___115KV_TB4 55905	46.23 0.63 0.00	42.70 0.61 0.00	38.57 0.60 0.00	44.30 0.74 0.00	39.76 0.71 0.00	45.54 0.89 0.00	41.94 0.96 0.00	59.78 1.58 0.00	56.71 1.44 0.00	46.39 1.05 0.00	39.23 0.77 0.00	35.42 0.63 0.00	36.24 0.63 0.00	35.69 0.56 0.00	36.34 0.64 0.00	42.10 0.90 0.00	48.22 1.13 0.00	61.02 1.62 0.00	100.60 2.39 0.00	136.44 3.05 0.00	56.83 1.20 0.00	53.31 1.12 0.00	55.09 1.12 0.00	52.11 0.95 0.00
ONONDAGA_REF_OCCRA 23987	45.30 -0.29 0.00	41.81 -0.28 0.00	37.73 -0.24 0.00	43.30 -0.26 0.00	38.81 -0.24 0.00	44.28 -0.37 0.00	40.62 -0.36 0.00	57.69 -0.51 0.00	54.79 -0.48 0.00	44.97 -0.38 0.00	38.12 -0.34 0.00	34.44 -0.36 0.00	35.26 -0.35 0.00	34.74 -0.39 0.00	35.34 -0.36 0.00	40.86 -0.34 0.00	46.69 -0.40 0.00	58.90 -0.51 0.00	97.55 -0.66 0.00	132.40 -1.00 0.00	55.12 -0.51 0.00	51.75 -0.44 0.00	53.56 -0.41 0.00	50.75 -0.41 0.00
ONONDAGA___COGEN 23986	45.18 -0.41 0.00	41.70 -0.39 0.00	37.63 -0.34 0.00	43.20 -0.36 0.00	38.69 -0.36 0.00	44.15 -0.50 0.00	40.51 -0.47 0.00	57.59 -0.61 0.00	54.66 -0.61 0.00	44.85 -0.50 0.00	38.02 -0.45 0.00	34.34 -0.46 0.00	35.16 -0.45 0.00	34.65 -0.49 0.00	35.24 -0.46 0.00	40.74 -0.46 0.00	46.54 -0.56 0.00	58.68 -0.72 0.00	97.27 -0.95 0.00	132.05 -1.34 0.00	54.98 -0.65 0.00	51.56 -0.62 0.00	53.41 -0.57 0.00	50.60 -0.56 0.00
ONTARIO___LFGE 23819	44.92 -0.67 0.00	41.49 -0.60 0.00	37.47 -0.50 0.00	43.10 -0.47 0.00	38.77 -0.27 0.00	44.47 -0.18 0.00	40.62 -0.36 0.00	57.37 -0.83 0.00	54.50 -0.77 0.00	44.85 -0.51 0.00	37.98 -0.48 0.00	34.14 -0.65 0.00	35.10 -0.51 0.00	34.66 -0.47 0.00	35.23 -0.47 0.00	40.64 -0.56 0.00	46.38 -0.72 0.00	58.31 -1.10 0.00	97.17 -1.05 0.00	132.17 -1.23 0.00	54.90 -0.73 0.00	51.49 -0.69 0.00	53.59 -0.38 0.00	50.90 -0.26 0.00
ORANGEVILLE_WT_PWR 323706	42.46 -3.13 0.00	39.30 -2.79 0.00	35.56 -2.41 0.00	40.95 -2.61 0.00	36.99 -2.05 0.00	42.66 -1.99 0.00	38.45 -2.53 0.00	54.28 -3.93 0.00	51.88 -3.39 0.00	42.82 -2.53 0.00	36.16 -2.31 0.00	32.13 -2.67 0.00	32.95 -2.66 0.00	32.49 -2.64 0.00	33.04 -2.66 0.00	38.43 -2.77 0.00	44.07 -3.03 0.00	55.31 -4.09 0.00	93.40 -4.81 0.00	128.21 -5.18 0.00	52.97 -2.66 0.00	50.04 -2.14 0.00	52.88 -1.09 0.00	50.55 -0.61 0.00
ORANGEVILLE___ESR 323794	42.46 -3.13 0.00	39.30 -2.79 0.00	35.56 -2.41 0.00	40.95 -2.61 0.00	36.99 -2.05 0.00	42.66 -1.99 0.00	38.45 -2.53 0.00	54.28 -3.93 0.00	51.88 -3.39 0.00	42.82 -2.53 0.00	36.16 -2.31 0.00	32.13 -2.67 0.00	32.95 -2.66 0.00	32.49 -2.64 0.00	33.04 -2.66 0.00	38.43 -2.77 0.00	44.07 -3.03 0.00	55.31 -4.09 0.00	93.40 -4.81 0.00	128.21 -5.18 0.00	52.97 -2.66 0.00	50.04 -2.14 0.00	52.88 -1.09 0.00	50.55 -0.61 0.00
OSWEGATCHIE___HYD 24044	45.12 -0.48 0.00	41.63 -0.46 0.00	37.60 -0.37 0.00	43.08 -0.48 0.00	38.68 -0.36 0.00	44.43 -0.21 0.00	41.12 0.14 0.00	59.04 0.84 0.00	56.30 1.03 0.00	46.20 0.86 0.00	39.02 0.56 0.00	34.98 0.19 0.00	35.62 0.01 0.00	35.08 -0.05 0.00	35.85 0.16 0.00	41.52 0.31 0.00	47.92 0.83 0.00	60.99 1.58 0.00	101.36 3.15 0.00	137.74 4.35 0.00	57.49 1.86 0.00	53.73 1.55 0.00	55.52 1.54 0.00	52.60 1.45 0.00
OSWEGO___5 23606	44.45 -1.14 0.00	41.03 -1.06 0.00	37.02 -0.95 0.00	42.50 -1.07 0.00	38.05 -0.99 0.00	43.41 -1.24 0.00	39.80 -1.18 0.00	56.60 -1.61 0.00	53.70 -1.57 0.00	44.08 -1.27 0.00	37.39 -1.07 0.00	33.77 -1.02 0.00	34.58 -1.04 0.00	34.09 -1.05 0.00	34.64 -1.06 0.00	40.02 -1.19 0.00	45.72 -1.38 0.00	57.64 -1.76 0.00	95.40 -2.81 0.00	129.58 -3.82 0.00	53.97 -1.66 0.00	50.68 -1.51 0.00	52.48 -1.50 0.00	49.73 -1.42 0.00
OSWEGO___6 23613	44.45 -1.14 0.00	41.03 -1.06 0.00	37.02 -0.95 0.00	42.50 -1.07 0.00	38.05 -0.99 0.00	43.41 -1.24 0.00	39.80 -1.18 0.00	56.60 -1.61 0.00	53.70 -1.57 0.00	44.08 -1.27 0.00	37.39 -1.07 0.00	33.77 -1.02 0.00	34.58 -1.04 0.00	34.09 -1.05 0.00	34.64 -1.06 0.00	40.02 -1.19 0.00	45.72 -1.38 0.00	57.64 -1.76 0.00	95.40 -2.81 0.00	129.58 -3.82 0.00	53.97 -1.66 0.00	50.68 -1.51 0.00	52.48 -1.50 0.00	49.73 -1.42 0.00

OUTOKUMPU-AB___DRP 24206	43.33 -2.27 0.00	40.18 -1.90 0.00	36.30 -1.67 0.00	41.71 -1.86 0.00	37.57 -1.47 0.00	43.27 -1.38 0.00	38.67 -2.30 0.00	54.49 -3.71 0.00	52.26 -3.00 0.00	43.36 -1.99 0.00	37.03 -1.44 0.00	33.03 -1.77 0.00	33.79 -1.82 0.00	33.29 -1.84 0.00	33.77 -1.93 0.00	39.05 -2.15 0.00	44.16 -2.93 0.00	55.02 -4.39 0.00	92.39 -5.83 0.00	126.66 -6.74 0.00	52.49 -3.14 0.00	49.56 -2.63 0.00	52.65 -1.32 0.00	50.58 -0.58 0.00
OXBOW___BTM 323836	42.93 -2.67 0.00	39.82 -2.27 0.00	35.99 -1.98 0.00	41.34 -2.23 0.00	37.23 -1.82 0.00	42.83 -1.82 0.00	38.28 -2.70 0.00	53.90 -4.31 0.00	51.71 -3.55 0.00	42.93 -2.42 0.00	36.71 -1.76 0.00	32.75 -2.05 0.00	33.51 -2.11 0.00	33.01 -2.12 0.00	33.48 -2.22 0.00	38.71 -2.49 0.00	43.70 -3.40 0.00	54.28 -5.13 0.00	91.12 -7.10 0.00	124.95 -8.44 0.00	51.78 -3.85 0.00	48.88 -3.30 0.00	52.12 -1.86 0.00	50.17 -0.98 0.00
OXBOW___ 24026	42.91 -2.68 0.00	39.82 -2.27 0.00	35.98 -1.98 0.00	41.34 -2.23 0.00	37.23 -1.82 0.00	42.83 -1.82 0.00	38.28 -2.70 0.00	53.90 -4.30 0.00	51.72 -3.55 0.00	42.93 -2.42 0.00	36.71 -1.76 0.00	32.74 -2.05 0.00	33.51 -2.11 0.00	33.01 -2.12 0.00	33.48 -2.21 0.00	38.71 -2.49 0.00	43.70 -3.39 0.00	54.30 -5.11 0.00	91.11 -7.10 0.00	124.95 -8.44 0.00	51.80 -3.83 0.00	48.94 -3.24 0.00	52.12 -1.85 0.00	50.19 -0.97 0.00
OXY_CHEM_DSASP 323612	42.58 -3.01 0.00	39.54 -2.55 0.00	35.73 -2.24 0.00	41.04 -2.52 0.00	36.96 -2.08 0.00	42.51 -2.14 0.00	37.97 -3.01 0.00	53.42 -4.79 0.00	51.28 -3.99 0.00	42.58 -2.77 0.00	36.43 -2.03 0.00	32.52 -2.28 0.00	33.26 -2.35 0.00	32.79 -2.34 0.00	33.26 -2.44 0.00	38.42 -2.78 0.00	43.32 -3.77 0.00	53.68 -5.73 0.00	89.99 -8.23 0.00	123.42 -9.98 0.00	51.19 -4.44 0.00	48.38 -3.80 0.00	51.68 -2.30 0.00	49.86 -1.29 0.00
OZONE_PARK_ESR 323760	48.81 3.22 0.00	44.97 2.88 0.00	40.56 2.59 0.00	46.46 2.89 0.00	41.74 2.70 0.00	47.84 3.19 0.00	43.91 2.94 0.00	62.14 3.94 0.00	58.70 3.44 0.00	48.48 3.13 0.00	41.27 2.80 0.00	37.53 2.74 0.00	38.47 2.85 0.00	37.92 2.79 0.00	38.47 2.77 0.00	44.15 2.95 0.00	50.30 3.20 0.00	62.97 3.56 0.00	104.12 5.90 0.00	140.09 6.70 0.00	58.54 2.91 0.00	55.28 3.10 0.00	56.78 2.81 0.00	53.66 2.50 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.58 -3.01 0.00	39.54 -2.55 0.00	35.73 -2.24 0.00	41.04 -2.52 0.00	36.96 -2.08 0.00	42.51 -2.14 0.00	37.97 -3.01 0.00	53.42 -4.79 0.00	51.28 -3.99 0.00	42.58 -2.77 0.00	36.43 -2.03 0.00	32.52 -2.28 0.00	33.26 -2.35 0.00	32.79 -2.34 0.00	33.26 -2.44 0.00	38.42 -2.78 0.00	43.32 -3.77 0.00	53.68 -5.73 0.00	89.99 -8.23 0.00	123.42 -9.98 0.00	51.19 -4.44 0.00	48.38 -3.80 0.00	51.68 -2.30 0.00	49.86 -1.29 0.00
PACKARD___115KV_DUPONT_184 80571	42.59 -3.00 0.00	39.53 -2.56 0.00	35.74 -2.23 0.00	41.05 -2.52 0.00	36.96 -2.08 0.00	42.51 -2.14 0.00	37.97 -3.01 0.00	53.42 -4.79 0.00	51.27 -3.99 0.00	42.59 -2.76 0.00	36.44 -2.03 0.00	32.52 -2.27 0.00	33.27 -2.34 0.00	32.79 -2.34 0.00	33.25 -2.45 0.00	38.42 -2.78 0.00	43.32 -3.77 0.00	53.65 -5.75 0.00	89.99 -8.23 0.00	123.37 -10.02 0.00	51.16 -4.47 0.00	48.33 -3.86 0.00	51.67 -2.31 0.00	49.87 -1.29 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.13 2.54 0.00	44.08 2.00 0.00	39.77 1.81 0.00	45.54 1.98 0.00	40.93 1.89 0.00	47.33 2.68 0.00	43.49 2.51 0.00	61.50 3.29 0.00	58.13 2.87 0.00	48.01 2.66 0.00	40.85 2.39 0.00	37.14 2.34 0.00	38.11 2.49 0.00	37.53 2.40 0.00	38.05 2.35 0.00	43.69 2.49 0.00	49.77 2.67 0.00	62.25 2.84 0.00	102.97 4.75 0.00	138.51 5.12 0.00	57.94 2.31 0.00	54.73 2.54 0.00	56.19 2.22 0.00	53.13 1.98 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.96 3.37 0.00	44.86 2.77 0.00	40.49 2.52 0.00	46.39 2.82 0.00	41.70 2.65 0.00	48.24 3.59 0.00	44.33 3.35 0.00	62.66 4.46 0.00	59.25 3.99 0.00	48.88 3.53 0.00	41.56 3.10 0.00	37.75 2.95 0.00	38.75 3.14 0.00	38.16 3.03 0.00	38.67 2.97 0.00	44.43 3.23 0.00	50.63 3.53 0.00	63.35 3.94 0.00	104.74 6.53 0.00	140.96 7.57 0.00	58.95 3.32 0.00	55.67 3.49 0.00	57.21 3.23 0.00	54.08 2.93 0.00
PATROON___115KV_TB1 80586	47.09 1.50 0.00	43.40 1.31 0.00	39.15 1.18 0.00	44.89 1.33 0.00	40.21 1.17 0.00	45.98 1.33 0.00	42.29 1.31 0.00	60.02 1.81 0.00	56.66 1.39 0.00	46.31 0.96 0.00	39.22 0.75 0.00	35.57 0.78 0.00	36.35 0.74 0.00	35.82 0.69 0.00	36.46 0.75 0.00	41.93 0.73 0.00	47.94 0.84 0.00	60.62 1.21 0.00	99.81 1.60 0.00	135.44 2.05 0.00	56.48 0.84 0.00	52.94 0.75 0.00	54.57 0.59 0.00	51.61 0.45 0.00
PATTRSNVILLE___SOLAR 323815	46.67 1.08 0.00	43.08 0.99 0.00	38.85 0.89 0.00	44.58 1.01 0.00	39.96 0.92 0.00	45.76 1.11 0.00	42.06 1.08 0.00	59.79 1.59 0.00	56.44 1.17 0.00	45.91 0.56 0.00	38.86 0.40 0.00	35.20 0.40 0.00	36.03 0.42 0.00	35.54 0.41 0.00	36.12 0.42 0.00	41.81 0.60 0.00	47.98 0.89 0.00	60.81 1.41 0.00	100.54 2.32 0.00	136.46 3.07 0.00	56.93 1.30 0.00	53.31 1.12 0.00	55.03 1.06 0.00	52.10 0.94 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.57 -2.02 0.00	40.35 -1.73 0.00	36.42 -1.54 0.00	41.89 -1.67 0.00	37.76 -1.29 0.00	43.49 -1.16 0.00	39.09 -1.89 0.00	55.22 -2.99 0.00	52.82 -2.45 0.00	43.73 -1.62 0.00	37.27 -1.19 0.00	33.25 -1.54 0.00	34.07 -1.54 0.00	33.48 -1.65 0.00	34.01 -1.69 0.00	39.37 -1.84 0.00	44.64 -2.46 0.00	55.83 -3.58 0.00	93.81 -4.41 0.00	128.51 -4.88 0.00	53.16 -2.47 0.00	50.17 -2.02 0.00	52.95 -1.03 0.00	50.64 -0.52 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.46 2.86 0.00	44.67 2.59 0.00	40.30 2.33 0.00	46.18 2.61 0.00	41.48 2.43 0.00	47.49 2.84 0.00	43.60 2.62 0.00	61.82 3.61 0.00	58.40 3.13 0.00	48.09 2.74 0.00	40.88 2.41 0.00	37.14 2.35 0.00	38.07 2.46 0.00	37.51 2.39 0.00	38.07 2.37 0.00	43.76 2.56 0.00	49.95 2.86 0.00	62.73 3.33 0.00	103.69 5.47 0.00	139.71 6.32 0.00	58.31 2.68 0.00	54.97 2.79 0.00	56.55 2.57 0.00	53.41 2.26 0.00
PEEKSKILL___ 23653	48.08 2.49 0.00	44.34 2.25 0.00	40.02 2.05 0.00	45.86 2.30 0.00	41.21 2.16 0.00	47.16 2.52 0.00	43.27 2.29 0.00	61.35 3.15 0.00	57.91 2.64 0.00	47.70 2.35 0.00	40.56 2.10 0.00	36.89 2.10 0.00	37.83 2.22 0.00	37.27 2.14 0.00	37.82 2.12 0.00	43.44 2.23 0.00	49.55 2.46 0.00	62.18 2.77 0.00	102.74 4.52 0.00	138.26 4.86 0.00	57.75 2.12 0.00	54.50 2.32 0.00	56.07 2.10 0.00	52.98 1.82 0.00
PGE MADISON___WINDPWR 24146	46.33 0.74 0.00	42.75 0.67 0.00	38.65 0.68 0.00	44.32 0.76 0.00	39.88 0.83 0.00	45.98 1.32 0.00	42.38 1.41 0.00	60.78 2.58 0.00	57.69 2.43 0.00	47.11 1.76 0.00	39.93 1.46 0.00	35.78 0.99 0.00	36.66 1.05 0.00	36.03 0.89 0.00	36.61 0.91 0.00	42.86 1.65 0.00	49.20 2.10 0.00	62.92 3.51 0.00	104.60 6.39 0.00	142.32 8.92 0.00	59.05 3.42 0.00	55.31 3.12 0.00	57.43 3.45 0.00	54.36 3.20 0.00

PIERCEFIELD___HYD 23852	46.05 0.45 0.00	42.52 0.44 0.00	38.34 0.37 0.00	43.99 0.42 0.00	39.48 0.44 0.00	45.33 0.68 0.00	41.76 0.78 0.00	59.62 1.42 0.00	57.01 1.75 0.00	46.88 1.53 0.00	39.75 1.28 0.00	35.78 0.99 0.00	36.57 0.95 0.00	35.97 0.84 0.00	36.58 0.88 0.00	42.32 1.12 0.00	48.61 1.51 0.00	61.61 2.20 0.00	102.46 4.25 0.00	139.39 6.00 0.00	58.23 2.60 0.00	54.40 2.21 0.00	56.27 2.30 0.00	53.43 2.27 0.00
PINELAWN_CC_1 323563	42.50 2.31 5.40	44.30 2.22 0.00	40.07 2.10 0.00	45.73 2.17 0.00	41.19 2.15 0.00	47.29 2.64 0.00	42.17 1.58 0.38	29.00 2.07 31.28	25.62 2.04 31.68	46.63 2.41 1.13	46.18 2.63 -5.09	53.15 2.70 -15.65	38.42 2.56 -0.25	88.42 2.60 -50.69	42.95 2.42 -4.82	43.07 1.93 0.06	48.15 2.23 1.18	38.51 2.94 23.83	73.92 3.57 27.86	128.70 3.09 7.79	35.97 1.63 21.29	35.21 1.94 18.92	54.29 1.68 1.37	39.01 1.36 13.51
PJM_GEN_HTTP_PROXY 323702	48.39 2.80 0.00	44.61 2.52 0.00	40.25 2.28 0.00	46.09 2.53 0.00	41.42 2.38 0.00	47.45 2.80 0.00	43.54 2.56 0.00	61.62 3.42 0.00	58.21 2.94 0.00	48.04 2.70 0.00	40.88 2.42 0.00	37.19 2.39 0.00	38.11 2.50 0.00	37.57 2.44 0.00	38.11 2.42 0.00	43.74 2.53 0.00	49.82 2.73 0.00	62.36 2.96 0.00	103.04 4.83 0.00	138.66 5.27 0.00	57.93 2.29 0.00	54.71 2.53 0.00	56.22 2.24 0.00	53.13 1.98 0.00
PJM_GEN_KEystone 24065	45.61 0.01 0.00	42.11 0.02 0.00	38.03 0.06 0.00	43.71 0.14 0.00	39.39 0.34 0.00	45.17 0.52 0.00	41.16 0.19 0.00	58.32 0.11 0.00	55.13 -0.13 0.00	45.39 0.04 0.00	38.68 0.21 0.00	34.92 0.12 0.00	35.82 0.21 0.00	35.22 0.08 0.00	35.73 0.03 0.00	41.22 0.02 0.00	46.92 -0.18 0.00	58.78 -0.62 0.00	97.88 -0.34 0.00	132.62 -0.77 0.00	55.05 -0.58 0.00	51.94 -0.24 0.00	54.09 0.12 0.00	51.31 0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.83 2.15 7.92	44.17 2.08 0.00	39.94 1.97 0.00	45.61 2.05 0.00	41.08 2.03 0.00	47.13 2.48 0.00	42.06 1.51 0.42	18.79 1.99 41.40	14.96 1.95 42.25	47.80 2.44 0.00	46.30 2.63 -5.21	53.78 2.65 -16.33	38.42 2.56 -0.25	90.40 2.70 -52.57	43.05 2.41 -4.94	42.95 1.84 0.09	47.53 2.12 1.68	27.12 2.69 34.97	62.00 3.17 39.38	126.32 2.44 9.51	30.83 1.35 26.15	29.75 1.72 24.15	53.67 1.44 1.74	35.13 1.19 17.22
PJM_GEN_VFT_PROXY 323633	45.31 2.63 2.91	42.98 2.34 1.45	39.47 2.13 0.62	44.00 2.35 1.92	41.10 2.24 0.18	45.02 2.63 2.27	43.39 2.42 0.00	61.44 3.24 0.00	40.52 2.76 17.50	44.92 2.53 2.95	39.12 2.27 1.62	37.07 2.28 0.00	37.88 2.41 0.14	37.47 2.34 0.00	37.78 2.30 0.23	40.78 2.42 2.85	42.85 2.59 6.84	44.01 2.80 18.20	102.83 4.61 0.00	136.66 4.88 1.62	39.60 2.15 18.18	45.64 2.39 8.93	39.11 2.08 16.94	40.04 1.79 12.91
PLATSBURG_115KV_PMLD1 355749	44.95 -0.65 0.00	41.47 -0.61 0.00	37.34 -0.63 0.00	42.86 -0.70 0.00	38.47 -0.57 0.00	44.04 -0.61 0.00	40.64 -0.34 0.00	57.92 -0.29 0.00	55.27 0.00 0.00	45.53 0.17 0.00	38.71 0.24 0.00	35.07 0.28 0.00	35.91 0.30 0.00	35.46 0.33 0.00	36.08 0.38 0.00	41.66 0.45 0.00	47.85 0.75 0.00	60.69 1.29 0.00	100.15 1.93 0.00	136.88 3.49 0.00	57.28 1.65 0.00	53.52 1.33 0.00	55.41 1.44 0.00	52.82 1.66 0.00
PLEASANTVLY___LBMP 24000	47.85 2.25 0.00	44.12 2.03 0.00	39.81 1.85 0.00	45.62 2.06 0.00	40.97 1.93 0.00	46.89 2.24 0.00	43.03 2.05 0.00	60.98 2.78 0.00	57.61 2.34 0.00	47.44 2.09 0.00	40.31 1.84 0.00	36.66 1.86 0.00	37.56 1.95 0.00	37.02 1.89 0.00	37.57 1.87 0.00	43.15 1.95 0.00	49.23 2.13 0.00	61.80 2.39 0.00	102.02 3.81 0.00	137.52 4.13 0.00	57.45 1.82 0.00	54.16 1.98 0.00	55.73 1.76 0.00	52.68 1.52 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.22 2.63 0.00	44.48 2.40 0.00	40.14 2.17 0.00	45.98 2.42 0.00	41.31 2.27 0.00	47.29 2.64 0.00	43.38 2.40 0.00	61.43 3.22 0.00	58.01 2.75 0.00	47.83 2.48 0.00	40.68 2.22 0.00	37.01 2.22 0.00	37.93 2.31 0.00	37.38 2.25 0.00	37.93 2.23 0.00	43.55 2.35 0.00	49.65 2.56 0.00	62.26 2.85 0.00	102.85 4.64 0.00	138.52 5.13 0.00	57.83 2.19 0.00	54.57 2.38 0.00	56.12 2.15 0.00	53.04 1.88 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.22 2.63 0.00	44.48 2.40 0.00	40.14 2.17 0.00	45.98 2.42 0.00	41.31 2.27 0.00	47.29 2.64 0.00	43.38 2.40 0.00	61.43 3.22 0.00	58.01 2.75 0.00	47.83 2.48 0.00	40.68 2.22 0.00	37.01 2.22 0.00	37.93 2.31 0.00	37.38 2.25 0.00	37.93 2.23 0.00	43.55 2.35 0.00	49.65 2.56 0.00	62.26 2.85 0.00	102.85 4.64 0.00	138.52 5.13 0.00	57.83 2.19 0.00	54.57 2.38 0.00	56.12 2.15 0.00	53.04 1.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.25 2.65 0.00	44.47 2.39 0.00	40.12 2.15 0.00	45.97 2.40 0.00	41.28 2.24 0.00	47.26 2.61 0.00	43.39 2.42 0.00	61.56 3.35 0.00	58.16 2.90 0.00	47.85 2.50 0.00	40.64 2.17 0.00	36.92 2.13 0.00	37.84 2.23 0.00	37.29 2.16 0.00	37.85 2.15 0.00	43.53 2.32 0.00	49.70 2.61 0.00	62.50 3.09 0.00	103.27 5.06 0.00	139.22 5.83 0.00	58.11 2.48 0.00	54.77 2.58 0.00	56.35 2.38 0.00	53.23 2.07 0.00
POLETTI_____ 23519	48.44 2.85 0.00	44.63 2.55 0.00	40.27 2.30 0.00	46.13 2.57 0.00	41.45 2.41 0.00	47.50 2.85 0.00	43.58 2.61 0.00	61.66 3.46 0.00	58.25 2.99 0.00	48.09 2.74 0.00	40.94 2.47 0.00	37.24 2.44 0.00	38.17 2.56 0.00	37.63 2.50 0.00	38.17 2.47 0.00	43.80 2.59 0.00	49.90 2.81 0.00	62.43 3.03 0.00	103.17 4.96 0.00	138.81 5.41 0.00	58.01 2.38 0.00	54.79 2.61 0.00	56.29 2.32 0.00	53.20 2.05 0.00
POMONA___ESR 323819	48.19 2.59 0.00	44.43 2.34 0.00	40.11 2.15 0.00	45.96 2.40 0.00	41.32 2.28 0.00	47.29 2.64 0.00	43.37 2.39 0.00	61.52 3.31 0.00	58.04 2.78 0.00	47.79 2.43 0.00	40.64 2.18 0.00	36.97 2.18 0.00	37.93 2.32 0.00	37.35 2.22 0.00	37.90 2.20 0.00	43.55 2.34 0.00	49.69 2.59 0.00	62.37 2.97 0.00	103.07 4.85 0.00	138.66 5.27 0.00	57.92 2.29 0.00	54.67 2.49 0.00	56.27 2.29 0.00	53.13 1.97 0.00
PORT_JEFF_3 23555	40.33 1.83 7.09	43.89 1.80 0.00	39.67 1.71 0.00	45.29 1.73 0.00	40.80 1.76 0.00	46.98 2.33 0.00	39.39 1.07 2.65	21.59 1.43 38.04	18.00 1.48 38.74	44.41 1.88 2.82	45.87 2.24 -5.16	45.10 2.33 -7.97	38.13 2.27 -0.25	71.10 2.30 -33.68	42.76 2.17 -4.90	42.73 1.61 0.08	47.44 1.86 1.51	30.51 2.42 31.31	65.20 2.57 35.59	125.88 1.49 9.01	31.97 1.05 24.70	31.22 1.45 22.42	53.44 1.09 1.62	35.89 0.72 15.99
PORT_JEFF_4 23616	40.33 1.83 7.09	43.89 1.80 0.00	39.67 1.71 0.00	45.29 1.73 0.00	40.80 1.76 0.00	46.98 2.33 0.00	39.39 1.07 2.65	21.59 1.43 38.04	18.00 1.48 38.74	44.41 1.88 2.82	45.87 2.24 -5.16	45.10 2.33 -7.97	38.13 2.27 -0.25	71.10 2.30 -33.68	42.76 2.17 -4.90	42.73 1.61 0.08	47.44 1.86 1.51	30.51 2.42 31.31	65.20 2.57 35.59	125.88 1.49 9.01	31.97 1.05 24.70	31.22 1.45 22.42	53.44 1.09 1.62	35.89 0.72 15.99

PORT_JEFF_IC 23713	40.46 1.89 7.02	43.88 1.80 0.00	39.67 1.70 0.00	45.29 1.73 0.00	40.79 1.75 0.00	46.98 2.33 0.00	40.73 1.06 1.31	22.09 1.43 37.54	18.32 1.49 38.44	45.46 1.89 1.77	51.16 2.26 -10.44	49.46 2.33 -12.33	38.28 2.27 -0.40	72.95 2.30 -35.52	43.74 2.16 -5.88	42.74 1.62 0.08	47.50 1.89 1.49	30.85 2.44 30.99	65.58 2.61 35.25	125.99 1.54 8.94	32.16 1.06 24.53	31.39 1.48 22.27	53.48 1.11 1.61	36.00 0.73 15.88
PPL PILGRIM_ST_GT1 24216	41.32 2.39 6.66	44.38 2.29 0.00	40.13 2.16 0.00	45.81 2.25 0.00	41.26 2.21 0.00	47.38 2.73 0.00	42.06 1.64 0.55	23.87 2.01 36.35	20.27 1.98 36.97	44.64 2.31 3.02	46.23 2.62 -5.15	52.98 2.75 -15.44	38.45 2.59 -0.25	88.12 2.62 -50.37	43.02 2.44 -4.88	43.14 2.02 0.08	47.97 2.31 1.43	32.96 2.96 29.40	68.10 3.51 33.63	127.89 3.14 8.63	33.47 1.52 23.68	32.51 1.86 21.54	54.09 1.66 1.56	37.04 1.24 15.37
PPL PILGRIM_ST_GT2 24217	41.32 2.39 6.66	44.38 2.29 0.00	40.13 2.16 0.00	45.81 2.25 0.00	41.26 2.21 0.00	47.38 2.73 0.00	42.06 1.64 0.55	23.87 2.01 36.35	20.27 1.98 36.97	44.64 2.31 3.02	46.23 2.62 -5.15	52.98 2.75 -15.44	38.45 2.59 -0.25	88.12 2.62 -50.37	43.02 2.44 -4.88	43.14 2.02 0.08	47.97 2.31 1.43	32.96 2.96 29.40	68.10 3.51 33.63	127.89 3.14 8.63	33.47 1.52 23.68	32.51 1.86 21.54	54.09 1.66 1.56	37.04 1.24 15.37
PPL_SHRM_GT3 24213	39.83 1.29 7.05	43.32 1.23 0.00	39.15 1.19 0.00	44.70 1.14 0.00	40.26 1.22 0.00	46.59 1.94 0.00	32.50 0.38 8.86	19.94 0.51 38.77	17.34 0.68 38.60	38.77 1.21 7.79	22.80 1.65 17.32	24.13 1.81 12.48	37.13 1.89 0.37	58.57 1.89 -21.55	38.12 1.75 -0.67	42.34 1.22 0.09	46.90 1.37 1.57	29.95 1.70 31.16	63.98 1.20 35.43	123.86 -0.55 8.98	31.27 0.26 24.62	30.61 0.77 22.35	52.80 0.44 1.61	35.12 -0.10 15.94
PPL_SHRM_GT4 24214	39.83 1.29 7.05	43.32 1.23 0.00	39.15 1.19 0.00	44.70 1.14 0.00	40.26 1.22 0.00	46.59 1.94 0.00	32.50 0.38 8.86	19.94 0.51 38.77	17.34 0.68 38.60	38.77 1.21 7.79	22.80 1.65 17.32	24.13 1.81 12.48	37.13 1.89 0.37	58.57 1.89 -21.55	38.12 1.75 -0.67	42.34 1.22 0.09	46.90 1.37 1.57	29.95 1.70 31.16	63.98 1.20 35.43	123.86 -0.55 8.98	31.27 0.26 24.62	30.61 0.77 22.35	52.80 0.44 1.61	35.12 -0.10 15.94
PROJECT___ORANGE 1 24174	44.98 -0.61 0.00	41.52 -0.57 0.00	37.46 -0.50 0.00	43.00 -0.56 0.00	38.52 -0.52 0.00	43.97 -0.68 0.00	40.30 -0.68 0.00	57.22 -0.99 0.00	54.36 -0.91 0.00	44.64 -0.71 0.00	37.85 -0.62 0.00	34.20 -0.59 0.00	35.02 -0.60 0.00	34.50 -0.63 0.00	35.08 -0.62 0.00	40.55 -0.66 0.00	46.29 -0.80 0.00	58.39 -1.02 0.00	96.67 -1.54 0.00	131.25 -2.15 0.00	54.64 -0.99 0.00	51.29 -0.90 0.00	53.14 -0.83 0.00	50.35 -0.81 0.00
PROJECT___ORANGE 2 24166	44.98 -0.61 0.00	41.52 -0.57 0.00	37.46 -0.50 0.00	43.00 -0.56 0.00	38.52 -0.52 0.00	43.97 -0.68 0.00	40.30 -0.68 0.00	57.22 -0.99 0.00	54.36 -0.91 0.00	44.64 -0.71 0.00	37.85 -0.62 0.00	34.20 -0.59 0.00	35.02 -0.60 0.00	34.50 -0.63 0.00	35.08 -0.62 0.00	40.55 -0.66 0.00	46.29 -0.80 0.00	58.39 -1.02 0.00	96.67 -1.54 0.00	131.25 -2.15 0.00	54.64 -0.99 0.00	51.29 -0.90 0.00	53.14 -0.83 0.00	50.35 -0.81 0.00
PUCKETT___SOLAR 323809	45.60 0.01 0.00	42.07 -0.02 0.00	37.96 0.00 0.00	43.62 0.06 0.00	39.21 0.16 0.00	44.93 0.27 0.00	41.21 0.23 0.00	58.57 0.36 0.00	55.51 0.24 0.00	45.53 0.17 0.00	38.52 0.05 0.00	34.79 0.00 0.00	35.65 0.03 0.00	35.06 -0.07 0.00	35.72 0.03 0.00	41.49 0.28 0.00	47.43 0.33 0.00	60.20 0.79 0.00	99.85 1.63 0.00	135.82 2.43 0.00	56.45 0.82 0.00	52.98 0.80 0.00	55.02 1.05 0.00	52.11 0.95 0.00
PYRITES___HYD 24023	46.84 1.25 0.00	43.26 1.17 0.00	38.99 1.02 0.00	44.75 1.19 0.00	40.17 1.13 0.00	46.15 1.50 0.00	42.52 1.55 0.00	60.76 2.55 0.00	58.10 2.83 0.00	47.72 2.37 0.00	40.36 1.89 0.00	36.23 1.44 0.00	37.11 1.50 0.00	36.56 1.43 0.00	37.11 1.41 0.00	42.98 1.78 0.00	49.37 2.27 0.00	62.66 3.26 0.00	104.29 6.07 0.00	141.87 8.47 0.00	59.23 3.60 0.00	55.27 3.09 0.00	57.17 3.19 0.00	54.27 3.11 0.00
QUAKERRD_115KV_BK1 80622	43.49 -2.10 0.00	40.20 -1.88 0.00	36.29 -1.68 0.00	41.68 -1.88 0.00	37.40 -1.64 0.00	42.89 -1.76 0.00	38.97 -2.00 0.00	55.24 -2.96 0.00	52.74 -2.52 0.00	43.49 -1.86 0.00	36.99 -1.48 0.00	33.26 -1.53 0.00	34.07 -1.55 0.00	33.56 -1.57 0.00	34.07 -1.63 0.00	39.39 -1.82 0.00	44.83 -2.26 0.00	56.33 -3.08 0.00	93.84 -4.37 0.00	127.82 -5.57 0.00	53.10 -2.53 0.00	49.90 -2.28 0.00	52.07 -1.90 0.00	49.57 -1.59 0.00
QUENSBRY_115KV_TB8 356137	47.32 1.73 0.00	43.58 1.49 0.00	39.28 1.31 0.00	45.05 1.49 0.00	40.35 1.30 0.00	46.14 1.49 0.00	42.70 1.72 0.00	60.60 2.40 0.00	57.36 2.10 0.00	46.59 1.24 0.00	39.31 0.85 0.00	35.68 0.89 0.00	36.37 0.75 0.00	35.87 0.74 0.00	36.52 0.82 0.00	42.18 0.97 0.00	48.21 1.11 0.00	61.74 2.33 0.00	101.73 3.51 0.00	138.30 4.90 0.00	57.39 1.76 0.00	53.51 1.32 0.00	55.23 1.26 0.00	52.30 1.14 0.00
RAMAPO___LBMP 323565	48.04 2.45 0.00	44.29 2.20 0.00	39.98 2.01 0.00	45.83 2.27 0.00	41.19 2.15 0.00	47.13 2.48 0.00	43.24 2.26 0.00	61.33 3.12 0.00	57.86 2.59 0.00	47.63 2.27 0.00	40.49 2.02 0.00	36.83 2.04 0.00	37.78 2.17 0.00	37.22 2.08 0.00	37.75 2.06 0.00	43.39 2.18 0.00	49.51 2.42 0.00	62.12 2.72 0.00	102.69 4.48 0.00	138.17 4.78 0.00	57.70 2.07 0.00	54.45 2.27 0.00	56.07 2.09 0.00	52.97 1.81 0.00
RANKINE____ 23646	43.44 -2.15 0.00	40.24 -1.85 0.00	36.33 -1.63 0.00	41.80 -1.77 0.00	37.65 -1.39 0.00	43.41 -1.24 0.00	38.95 -2.02 0.00	55.01 -3.20 0.00	52.68 -2.59 0.00	43.66 -1.69 0.00	37.22 -1.24 0.00	33.19 -1.61 0.00	33.98 -1.63 0.00	33.43 -1.70 0.00	33.92 -1.78 0.00	39.26 -1.94 0.00	44.53 -2.56 0.00	55.70 -3.70 0.00	93.62 -4.59 0.00	128.40 -4.99 0.00	53.12 -2.52 0.00	50.12 -2.07 0.00	52.99 -0.98 0.00	50.77 -0.39 0.00
RAVENSWOOD_GT2_1 24244	48.40 2.81 0.00	44.60 2.51 0.00	40.25 2.28 0.00	46.09 2.53 0.00	41.42 2.38 0.00	47.46 2.81 0.00	43.55 2.58 0.00	61.62 3.42 0.00	58.20 2.94 0.00	48.05 2.70 0.00	40.91 2.44 0.00	37.21 2.42 0.00	38.15 2.53 0.00	37.60 2.47 0.00	38.14 2.45 0.00	43.76 2.56 0.00	49.87 2.77 0.00	62.40 2.99 0.00	103.11 4.90 0.00	138.70 5.31 0.00	57.97 2.34 0.00	54.76 2.58 0.00	56.28 2.30 0.00	53.17 2.02 0.00
RAVENSWOOD_GT2_2 24245	48.40 2.81 0.00	44.60 2.51 0.00	40.25 2.28 0.00	46.09 2.53 0.00	41.42 2.38 0.00	47.46 2.81 0.00	43.55 2.58 0.00	61.62 3.42 0.00	58.20 2.94 0.00	48.05 2.70 0.00	40.91 2.44 0.00	37.21 2.42 0.00	38.15 2.53 0.00	37.60 2.47 0.00	38.14 2.45 0.00	43.76 2.56 0.00	49.87 2.77 0.00	62.40 2.99 0.00	103.11 4.90 0.00	138.70 5.31 0.00	57.97 2.34 0.00	54.76 2.58 0.00	56.28 2.30 0.00	53.17 2.02 0.00

RAVENSWOOD_GT2_3 24246	48.41 2.82 0.00	44.62 2.53 0.00	40.26 2.29 0.00	46.11 2.54 0.00	41.43 2.39 0.00	47.48 2.83 0.00	43.56 2.58 0.00	61.64 3.44 0.00	58.22 2.96 0.00	48.08 2.73 0.00	40.92 2.46 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.79 2.59 0.00	49.88 2.79 0.00	62.42 3.01 0.00	103.16 4.94 0.00	138.80 5.41 0.00	58.00 2.37 0.00	54.79 2.61 0.00	56.29 2.32 0.00	53.20 2.05 0.00
RAVENSWOOD_GT2_4 24247	48.41 2.82 0.00	44.62 2.53 0.00	40.26 2.29 0.00	46.11 2.54 0.00	41.43 2.39 0.00	47.48 2.83 0.00	43.56 2.58 0.00	61.64 3.44 0.00	58.22 2.96 0.00	48.08 2.73 0.00	40.92 2.46 0.00	37.23 2.43 0.00	38.16 2.55 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.79 2.59 0.00	49.88 2.79 0.00	62.42 3.01 0.00	103.16 4.94 0.00	138.80 5.41 0.00	58.00 2.37 0.00	54.79 2.61 0.00	56.29 2.32 0.00	53.20 2.05 0.00
RAVENSWOOD_GT3_1 24248	48.40 2.81 0.00	44.61 2.52 0.00	40.25 2.28 0.00	46.09 2.53 0.00	41.42 2.38 0.00	47.46 2.81 0.00	43.55 2.58 0.00	61.62 3.42 0.00	58.20 2.94 0.00	48.05 2.70 0.00	40.91 2.44 0.00	37.21 2.42 0.00	38.15 2.54 0.00	37.60 2.47 0.00	38.14 2.45 0.00	43.77 2.56 0.00	49.87 2.77 0.00	62.40 3.00 0.00	103.13 4.91 0.00	138.70 5.31 0.00	57.98 2.35 0.00	54.76 2.58 0.00	56.28 2.30 0.00	53.17 2.02 0.00
RAVENSWOOD_GT3_2 24249	48.40 2.81 0.00	44.61 2.52 0.00	40.25 2.28 0.00	46.09 2.53 0.00	41.42 2.38 0.00	47.46 2.81 0.00	43.55 2.58 0.00	61.62 3.42 0.00	58.20 2.94 0.00	48.05 2.70 0.00	40.91 2.44 0.00	37.21 2.42 0.00	38.15 2.54 0.00	37.60 2.47 0.00	38.14 2.45 0.00	43.77 2.56 0.00	49.87 2.77 0.00	62.40 3.00 0.00	103.13 4.91 0.00	138.70 5.31 0.00	57.98 2.35 0.00	54.76 2.58 0.00	56.28 2.30 0.00	53.17 2.02 0.00
RAVENSWOOD_GT3_3 24250	48.45 2.86 0.00	44.66 2.57 0.00	40.29 2.32 0.00	46.15 2.59 0.00	41.47 2.42 0.00	47.53 2.87 0.00	43.60 2.62 0.00	61.69 3.48 0.00	58.28 3.01 0.00	48.13 2.77 0.00	40.96 2.50 0.00	37.26 2.47 0.00	38.20 2.58 0.00	37.65 2.52 0.00	38.20 2.50 0.00	43.83 2.63 0.00	49.94 2.84 0.00	62.49 3.08 0.00	103.26 5.05 0.00	138.94 5.55 0.00	58.06 2.43 0.00	54.84 2.66 0.00	56.34 2.37 0.00	53.26 2.10 0.00
RAVENSWOOD_GT3_4 24251	48.45 2.86 0.00	44.66 2.57 0.00	40.29 2.32 0.00	46.15 2.59 0.00	41.47 2.42 0.00	47.53 2.87 0.00	43.60 2.62 0.00	61.69 3.48 0.00	58.28 3.01 0.00	48.13 2.77 0.00	40.96 2.50 0.00	37.26 2.47 0.00	38.20 2.58 0.00	37.65 2.52 0.00	38.20 2.50 0.00	43.83 2.63 0.00	49.94 2.84 0.00	62.49 3.08 0.00	103.26 5.05 0.00	138.94 5.55 0.00	58.06 2.43 0.00	54.84 2.66 0.00	56.34 2.37 0.00	53.26 2.10 0.00
RAVENSWOOD_GT_1 23729	48.31 2.72 0.00	44.45 2.37 0.00	40.11 2.14 0.00	45.93 2.36 0.00	41.28 2.23 0.00	47.42 2.77 0.00	43.52 2.55 0.00	61.51 3.30 0.00	58.09 2.82 0.00	48.02 2.67 0.00	40.91 2.44 0.00	37.22 2.42 0.00	38.16 2.55 0.00	37.60 2.47 0.00	38.14 2.44 0.00	43.77 2.57 0.00	49.85 2.76 0.00	62.26 2.86 0.00	102.88 4.67 0.00	138.32 4.93 0.00	57.86 2.23 0.00	54.68 2.49 0.00	56.15 2.17 0.00	53.08 1.92 0.00
RAVENSWOOD_GT_10 24258	48.40 2.81 0.00	44.61 2.53 0.00	40.25 2.29 0.00	46.11 2.54 0.00	41.43 2.39 0.00	47.47 2.82 0.00	43.55 2.58 0.00	61.63 3.43 0.00	58.22 2.95 0.00	48.05 2.70 0.00	40.91 2.45 0.00	37.21 2.42 0.00	38.15 2.54 0.00	37.60 2.47 0.00	38.15 2.45 0.00	43.77 2.57 0.00	49.87 2.77 0.00	62.40 3.00 0.00	103.13 4.91 0.00	138.75 5.36 0.00	57.98 2.35 0.00	54.77 2.59 0.00	56.29 2.32 0.00	53.19 2.03 0.00
RAVENSWOOD_GT_11 24259	48.40 2.81 0.00	44.61 2.53 0.00	40.25 2.29 0.00	46.11 2.54 0.00	41.43 2.39 0.00	47.47 2.82 0.00	43.55 2.58 0.00	61.63 3.43 0.00	58.22 2.95 0.00	48.05 2.70 0.00	40.91 2.45 0.00	37.21 2.42 0.00	38.15 2.54 0.00	37.60 2.47 0.00	38.15 2.45 0.00	43.77 2.57 0.00	49.87 2.77 0.00	62.40 3.00 0.00	103.13 4.91 0.00	138.75 5.36 0.00	57.98 2.35 0.00	54.77 2.59 0.00	56.29 2.32 0.00	53.19 2.03 0.00
RAVENSWOOD_GT_4 24252	48.35 2.75 0.00	44.54 2.45 0.00	40.19 2.22 0.00	46.02 2.46 0.00	41.36 2.32 0.00	47.43 2.78 0.00	43.52 2.55 0.00	61.57 3.36 0.00	58.16 2.89 0.00	48.04 2.69 0.00	40.89 2.42 0.00	37.20 2.40 0.00	38.14 2.53 0.00	37.59 2.46 0.00	38.13 2.44 0.00	43.75 2.55 0.00	49.85 2.75 0.00	62.34 2.93 0.00	103.02 4.81 0.00	138.56 5.16 0.00	57.93 2.30 0.00	54.73 2.54 0.00	56.22 2.25 0.00	53.13 1.98 0.00
RAVENSWOOD_GT_5 24254	48.35 2.75 0.00	44.54 2.45 0.00	40.19 2.22 0.00	46.02 2.46 0.00	41.36 2.32 0.00	47.43 2.78 0.00	43.52 2.55 0.00	61.57 3.36 0.00	58.16 2.89 0.00	48.04 2.69 0.00	40.89 2.42 0.00	37.20 2.40 0.00	38.14 2.53 0.00	37.59 2.46 0.00	38.13 2.44 0.00	43.75 2.55 0.00	49.85 2.75 0.00	62.34 2.93 0.00	103.02 4.81 0.00	138.56 5.16 0.00	57.93 2.30 0.00	54.73 2.54 0.00	56.22 2.25 0.00	53.13 1.98 0.00
RAVENSWOOD_GT_6 24253	48.35 2.75 0.00	44.54 2.45 0.00	40.19 2.22 0.00	46.02 2.46 0.00	41.36 2.32 0.00	47.43 2.78 0.00	43.52 2.55 0.00	61.57 3.36 0.00	58.16 2.89 0.00	48.04 2.69 0.00	40.89 2.42 0.00	37.20 2.40 0.00	38.14 2.53 0.00	37.59 2.46 0.00	38.13 2.44 0.00	43.75 2.55 0.00	49.85 2.75 0.00	62.34 2.93 0.00	103.02 4.81 0.00	138.56 5.16 0.00	57.93 2.30 0.00	54.73 2.54 0.00	56.22 2.25 0.00	53.13 1.98 0.00
RAVENSWOOD_GT_7 24255	48.35 2.75 0.00	44.54 2.45 0.00	40.19 2.22 0.00	46.02 2.46 0.00	41.36 2.32 0.00	47.43 2.78 0.00	43.52 2.55 0.00	61.57 3.36 0.00	58.16 2.89 0.00	48.04 2.69 0.00	40.89 2.42 0.00	37.20 2.40 0.00	38.14 2.53 0.00	37.59 2.46 0.00	38.13 2.44 0.00	43.75 2.55 0.00	49.85 2.75 0.00	62.34 2.93 0.00	103.02 4.81 0.00	138.56 5.16 0.00	57.93 2.30 0.00	54.73 2.54 0.00	56.22 2.25 0.00	53.13 1.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.40 2.81 0.00	44.61 2.53 0.00	40.25 2.29 0.00	46.11 2.54 0.00	41.43 2.39 0.00	47.47 2.82 0.00	43.55 2.58 0.00	61.63 3.43 0.00	58.22 2.95 0.00	48.05 2.70 0.00	40.91 2.45 0.00	37.21 2.42 0.00	38.15 2.54 0.00	37.60 2.47 0.00	38.15 2.45 0.00	43.77 2.57 0.00	49.87 2.77 0.00	62.40 3.00 0.00	103.13 4.91 0.00	138.75 5.36 0.00	57.98 2.35 0.00	54.77 2.59 0.00	56.29 2.32 0.00	53.19 2.03 0.00
RAVENSWOOD_GT_9 24257	48.40 2.81 0.00	44.61 2.53 0.00	40.25 2.29 0.00	46.11 2.54 0.00	41.43 2.39 0.00	47.47 2.82 0.00	43.55 2.58 0.00	61.63 3.43 0.00	58.22 2.95 0.00	48.05 2.70 0.00	40.91 2.45 0.00	37.21 2.42 0.00	38.15 2.54 0.00	37.60 2.47 0.00	38.15 2.45 0.00	43.77 2.57 0.00	49.87 2.77 0.00	62.40 3.00 0.00	103.13 4.91 0.00	138.75 5.36 0.00	57.98 2.35 0.00	54.77 2.59 0.00	56.29 2.32 0.00	53.19 2.03 0.00

RAVENSWOOD___1 23533	48.28 2.69 0.00	44.43 2.34 0.00	40.09 2.12 0.00	45.91 2.35 0.00	41.26 2.21 0.00	47.41 2.75 0.00	43.51 2.53 0.00	61.49 3.28 0.00	58.08 2.81 0.00	48.00 2.65 0.00	40.89 2.42 0.00	37.20 2.41 0.00	38.14 2.53 0.00	37.59 2.46 0.00	38.13 2.43 0.00	43.75 2.55 0.00	49.82 2.73 0.00	62.25 2.85 0.00	102.86 4.64 0.00	138.30 4.90 0.00	57.85 2.22 0.00	54.67 2.48 0.00	56.13 2.16 0.00	53.06 1.90 0.00
RAVENSWOOD___2 23534	48.26 2.66 0.00	44.42 2.33 0.00	40.07 2.10 0.00	45.89 2.32 0.00	41.24 2.20 0.00	47.37 2.72 0.00	43.48 2.50 0.00	61.47 3.26 0.00	58.06 2.80 0.00	47.99 2.64 0.00	40.87 2.40 0.00	37.18 2.39 0.00	38.12 2.51 0.00	37.56 2.43 0.00	38.10 2.40 0.00	43.73 2.52 0.00	49.81 2.71 0.00	62.24 2.83 0.00	102.83 4.62 0.00	138.28 4.89 0.00	57.84 2.21 0.00	54.65 2.46 0.00	56.11 2.14 0.00	53.04 1.88 0.00
RAVENSWOOD___3 23535	48.39 2.80 0.00	44.61 2.52 0.00	40.25 2.28 0.00	46.09 2.53 0.00	41.42 2.38 0.00	47.47 2.82 0.00	43.55 2.57 0.00	61.63 3.42 0.00	58.21 2.94 0.00	48.05 2.70 0.00	40.91 2.45 0.00	37.21 2.42 0.00	38.15 2.53 0.00	37.60 2.47 0.00	38.15 2.45 0.00	43.77 2.57 0.00	49.87 2.77 0.00	62.41 3.01 0.00	103.13 4.91 0.00	138.71 5.32 0.00	57.98 2.35 0.00	54.77 2.59 0.00	56.28 2.30 0.00	53.18 2.03 0.00
RAVENSWOOD___4 23820	48.26 2.66 0.00	44.42 2.33 0.00	40.07 2.10 0.00	45.89 2.32 0.00	41.24 2.20 0.00	47.37 2.72 0.00	43.48 2.50 0.00	61.47 3.26 0.00	58.06 2.80 0.00	47.99 2.64 0.00	40.87 2.40 0.00	37.18 2.39 0.00	38.12 2.51 0.00	37.56 2.43 0.00	38.10 2.40 0.00	43.73 2.52 0.00	49.81 2.71 0.00	62.24 2.83 0.00	102.83 4.62 0.00	138.28 4.89 0.00	57.84 2.21 0.00	54.65 2.46 0.00	56.11 2.14 0.00	53.04 1.88 0.00
RCPL_TRUST___DRP 24196	48.44 2.85 0.00	44.64 2.56 0.00	40.28 2.31 0.00	46.13 2.57 0.00	41.45 2.41 0.00	47.49 2.84 0.00	43.57 2.59 0.00	61.66 3.46 0.00	58.24 2.97 0.00	48.09 2.74 0.00	40.93 2.46 0.00	37.22 2.42 0.00	38.15 2.54 0.00	37.61 2.48 0.00	38.16 2.46 0.00	43.78 2.58 0.00	49.87 2.77 0.00	62.40 3.00 0.00	103.13 4.91 0.00	138.75 5.36 0.00	57.96 2.33 0.00	54.76 2.58 0.00	56.25 2.28 0.00	53.17 2.01 0.00
RED___ROCHESTER 323720	44.64 -0.95 0.00	41.27 -0.82 0.00	37.24 -0.72 0.00	42.76 -0.80 0.00	38.41 -0.63 0.00	44.09 -0.56 0.00	39.96 -1.01 0.00	56.64 -1.56 0.00	54.13 -1.14 0.00	44.67 -0.68 0.00	38.01 -0.46 0.00	34.14 -0.65 0.00	34.95 -0.67 0.00	34.44 -0.69 0.00	34.92 -0.78 0.00	40.40 -0.80 0.00	45.96 -1.14 0.00	57.71 -1.70 0.00	96.33 -1.89 0.00	131.38 -2.01 0.00	54.51 -1.12 0.00	51.25 -0.94 0.00	53.62 -0.36 0.00	51.08 -0.07 0.00
REGAN___SOLAR 323812	46.95 1.36 0.00	43.34 1.25 0.00	39.07 1.10 0.00	44.83 1.27 0.00	40.21 1.16 0.00	46.12 1.47 0.00	42.39 1.41 0.00	60.44 2.23 0.00	57.00 1.74 0.00	46.06 0.71 0.00	38.76 0.30 0.00	35.11 0.32 0.00	36.05 0.44 0.00	35.55 0.42 0.00	36.24 0.55 0.00	42.01 0.81 0.00	48.58 1.48 0.00	61.74 2.33 0.00	102.32 4.11 0.00	138.86 5.46 0.00	57.92 2.29 0.00	54.14 1.96 0.00	55.87 1.90 0.00	52.87 1.71 0.00
RENSSELAER___COGEN 23796	46.80 1.21 0.00	43.16 1.07 0.00	38.92 0.96 0.00	44.64 1.08 0.00	40.00 0.96 0.00	45.72 1.07 0.00	42.05 1.07 0.00	59.66 1.46 0.00	56.34 1.08 0.00	46.05 0.70 0.00	39.01 0.54 0.00	35.37 0.57 0.00	36.14 0.53 0.00	35.63 0.50 0.00	36.24 0.54 0.00	41.68 0.48 0.00	47.63 0.53 0.00	60.23 0.83 0.00	99.17 0.95 0.00	134.61 1.21 0.00	56.13 0.50 0.00	52.64 0.46 0.00	54.26 0.28 0.00	51.33 0.17 0.00
REPUBLIC_115KV_BARTNBK 55605	49.56 3.97 0.00	45.54 3.46 0.00	40.98 3.01 0.00	46.99 3.42 0.00	42.09 3.05 0.00	48.10 3.45 0.00	45.05 4.07 0.00	63.87 5.66 0.00	60.79 5.52 0.00	48.88 3.53 0.00	41.02 2.56 0.00	37.50 2.71 0.00	38.13 2.52 0.00	37.49 2.35 0.00	38.50 2.80 0.00	44.49 3.29 0.00	50.75 3.65 0.00	66.32 6.91 0.00	108.78 10.56 0.00	147.69 14.30 0.00	60.72 5.09 0.00	56.21 4.02 0.00	58.13 4.15 0.00	55.13 3.97 0.00
REVERE_CPPR_DRP 24186	46.41 0.82 0.00	42.87 0.78 0.00	38.71 0.74 0.00	44.42 0.86 0.00	39.90 0.85 0.00	45.73 1.08 0.00	42.19 1.21 0.00	60.29 2.09 0.00	57.20 1.93 0.00	46.76 1.42 0.00	39.48 1.02 0.00	35.60 0.81 0.00	36.39 0.77 0.00	35.83 0.70 0.00	36.57 0.87 0.00	42.38 1.18 0.00	48.55 1.46 0.00	61.56 2.15 0.00	101.59 3.38 0.00	137.80 4.40 0.00	57.38 1.75 0.00	53.82 1.63 0.00	55.57 1.59 0.00	52.56 1.41 0.00
REYNLDPA_13_KV_LD 356490	45.90 0.31 0.00	42.39 0.30 0.00	38.23 0.26 0.00	43.87 0.30 0.00	39.34 0.30 0.00	45.11 0.46 0.00	41.42 0.44 0.00	58.91 0.70 0.00	56.29 1.03 0.00	46.30 0.95 0.00	39.35 0.88 0.00	35.54 0.75 0.00	36.37 0.76 0.00	35.91 0.78 0.00	36.48 0.78 0.00	42.14 0.94 0.00	48.22 1.13 0.00	60.83 1.42 0.00	100.76 2.55 0.00	136.91 3.51 0.00	57.11 1.48 0.00	53.53 1.35 0.00	55.45 1.47 0.00	52.68 1.52 0.00
REYNOLDS_115KV_TB3 80639	46.88 1.28 0.00	43.22 1.14 0.00	39.00 1.03 0.00	44.71 1.15 0.00	40.03 0.99 0.00	45.77 1.11 0.00	42.10 1.13 0.00	59.73 1.53 0.00	56.38 1.11 0.00	46.06 0.71 0.00	38.95 0.49 0.00	35.31 0.52 0.00	36.07 0.46 0.00	35.58 0.45 0.00	36.19 0.49 0.00	41.64 0.43 0.00	47.54 0.44 0.00	60.17 0.76 0.00	98.96 0.75 0.00	134.37 0.98 0.00	56.03 0.40 0.00	52.51 0.33 0.00	54.14 0.17 0.00	51.21 0.05 0.00
RIVERBAY____ 323610	48.96 3.37 0.00	44.86 2.77 0.00	40.49 2.52 0.00	46.39 2.82 0.00	41.70 2.65 0.00	48.24 3.59 0.00	44.33 3.35 0.00	62.66 4.46 0.00	59.25 3.99 0.00	48.88 3.53 0.00	41.56 3.10 0.00	37.75 2.95 0.00	38.75 3.14 0.00	38.16 3.03 0.00	38.67 2.97 0.00	44.43 3.23 0.00	50.63 3.53 0.00	63.35 3.94 0.00	104.74 6.53 0.00	140.96 7.57 0.00	58.95 3.32 0.00	55.67 3.49 0.00	57.21 3.23 0.00	54.08 2.93 0.00
RIVERSDE_115KV_TB3 55908	46.84 1.24 0.00	43.19 1.10 0.00	38.96 0.99 0.00	44.67 1.11 0.00	40.01 0.97 0.00	45.76 1.10 0.00	42.08 1.10 0.00	59.70 1.49 0.00	56.36 1.10 0.00	46.08 0.72 0.00	39.00 0.53 0.00	35.36 0.57 0.00	36.13 0.52 0.00	35.63 0.50 0.00	36.24 0.54 0.00	41.69 0.48 0.00	47.63 0.53 0.00	60.23 0.83 0.00	99.12 0.90 0.00	134.52 1.13 0.00	56.10 0.47 0.00	52.61 0.42 0.00	54.24 0.26 0.00	51.30 0.15 0.00
ROARING___BROOK_WT_PWR 323790	44.23 -1.36 0.00	40.86 -1.23 0.00	36.87 -1.10 0.00	42.33 -1.24 0.00	37.96 -1.09 0.00	43.49 -1.16 0.00	40.00 -0.97 0.00	56.94 -1.27 0.00	54.25 -1.02 0.00	44.47 -0.88 0.00	37.93 -0.54 0.00	34.45 -0.34 0.00	35.27 -0.35 0.00	34.75 -0.38 0.00	35.25 -0.45 0.00	40.93 -0.27 0.00	46.96 -0.14 0.00	59.41 0.01 0.00	98.33 0.11 0.00	133.69 0.29 0.00	55.82 0.19 0.00	52.36 0.18 0.00	54.12 0.14 0.00	51.37 0.21 0.00

ROCHESRG_115KV_T4 355643	44.22 -1.37 0.00	40.90 -1.19 0.00	36.92 -1.05 0.00	42.41 -1.16 0.00	38.09 -0.95 0.00	43.71 -0.94 0.00	39.60 -1.38 0.00	56.08 -2.12 0.00	53.59 -1.68 0.00	44.22 -1.13 0.00	37.63 -0.83 0.00	33.79 -1.01 0.00	34.59 -1.02 0.00	34.09 -1.05 0.00	34.58 -1.12 0.00	39.98 -1.22 0.00	45.46 -1.64 0.00	57.05 -2.35 0.00	95.20 -3.02 0.00	129.84 -3.56 0.00	53.91 -1.72 0.00	50.71 -1.48 0.00	53.07 -0.91 0.00	50.60 -0.56 0.00
ROCHESTER_9_IC 23652	44.45 -1.14 0.00	41.10 -0.98 0.00	37.10 -0.87 0.00	42.61 -0.96 0.00	38.27 -0.78 0.00	43.92 -0.73 0.00	39.80 -1.18 0.00	56.39 -1.82 0.00	53.89 -1.37 0.00	44.48 -0.87 0.00	37.84 -0.63 0.00	33.97 -0.83 0.00	34.78 -0.83 0.00	34.27 -0.86 0.00	34.76 -0.93 0.00	40.20 -1.01 0.00	45.73 -1.37 0.00	57.39 -2.01 0.00	95.82 -2.40 0.00	130.69 -2.71 0.00	54.24 -1.39 0.00	51.02 -1.17 0.00	53.36 -0.61 0.00	50.87 -0.29 0.00
ROCKVIEW_13_KV_LD 356306	48.41 2.82 0.00	44.62 2.54 0.00	40.25 2.29 0.00	46.11 2.54 0.00	41.43 2.39 0.00	47.39 2.74 0.00	43.47 2.49 0.00	61.58 3.38 0.00	58.18 2.91 0.00	48.00 2.65 0.00	40.86 2.39 0.00	37.17 2.38 0.00	38.10 2.49 0.00	37.55 2.42 0.00	38.10 2.40 0.00	43.72 2.52 0.00	49.84 2.75 0.00	62.47 3.06 0.00	103.19 4.98 0.00	138.93 5.54 0.00	58.02 2.39 0.00	54.76 2.57 0.00	56.30 2.32 0.00	53.19 2.03 0.00
ROME____115KV_TB2 80656	46.41 0.82 0.00	42.87 0.78 0.00	38.71 0.74 0.00	44.42 0.86 0.00	39.90 0.85 0.00	45.73 1.08 0.00	42.19 1.21 0.00	60.29 2.09 0.00	57.20 1.93 0.00	46.76 1.42 0.00	39.48 1.02 0.00	35.60 0.81 0.00	36.39 0.77 0.00	35.83 0.70 0.00	36.57 0.87 0.00	42.38 1.18 0.00	48.55 1.46 0.00	61.56 2.15 0.00	101.59 3.38 0.00	137.80 4.40 0.00	57.38 1.75 0.00	53.82 1.63 0.00	55.57 1.59 0.00	52.56 1.41 0.00
ROSETON___1 23587	47.91 2.32 0.00	44.18 2.10 0.00	39.87 1.90 0.00	45.70 2.14 0.00	41.04 2.00 0.00	46.98 2.32 0.00	43.10 2.13 0.00	61.10 2.90 0.00	57.70 2.44 0.00	47.51 2.16 0.00	40.38 1.92 0.00	36.72 1.93 0.00	37.64 2.03 0.00	37.09 1.96 0.00	37.64 1.94 0.00	43.24 2.04 0.00	49.34 2.24 0.00	61.91 2.51 0.00	102.26 4.05 0.00	137.78 4.39 0.00	57.56 1.93 0.00	54.28 2.10 0.00	55.85 1.88 0.00	52.78 1.62 0.00
ROSETON___2 23588	47.91 2.32 0.00	44.18 2.10 0.00	39.87 1.90 0.00	45.70 2.14 0.00	41.04 2.00 0.00	46.98 2.32 0.00	43.10 2.13 0.00	61.10 2.90 0.00	57.70 2.44 0.00	47.51 2.16 0.00	40.38 1.92 0.00	36.72 1.93 0.00	37.64 2.03 0.00	37.09 1.96 0.00	37.64 1.94 0.00	43.24 2.04 0.00	49.34 2.24 0.00	61.91 2.51 0.00	102.26 4.05 0.00	137.78 4.39 0.00	57.56 1.93 0.00	54.28 2.10 0.00	55.85 1.88 0.00	52.78 1.62 0.00
ROTRRDAM_115KV_TB3 80664	46.76 1.17 0.00	43.16 1.07 0.00	38.92 0.95 0.00	44.65 1.08 0.00	40.01 0.96 0.00	45.76 1.11 0.00	42.07 1.09 0.00	59.74 1.53 0.00	56.48 1.22 0.00	46.18 0.83 0.00	39.08 0.62 0.00	35.41 0.62 0.00	36.22 0.61 0.00	35.71 0.58 0.00	36.30 0.60 0.00	41.89 0.68 0.00	47.90 0.81 0.00	60.59 1.18 0.00	99.95 1.73 0.00	135.66 2.27 0.00	56.56 0.93 0.00	53.02 0.84 0.00	54.73 0.76 0.00	51.80 0.64 0.00
RUSSELL___1 23602	44.63 -0.96 0.00	41.27 -0.82 0.00	37.24 -0.72 0.00	42.77 -0.79 0.00	38.41 -0.63 0.00	44.09 -0.56 0.00	39.96 -1.02 0.00	56.64 -1.56 0.00	54.13 -1.13 0.00	44.67 -0.68 0.00	38.00 -0.46 0.00	34.13 -0.66 0.00	34.95 -0.67 0.00	34.44 -0.70 0.00	34.92 -0.78 0.00	40.40 -0.80 0.00	45.96 -1.14 0.00	57.71 -1.69 0.00	96.33 -1.89 0.00	131.38 -2.02 0.00	54.52 -1.11 0.00	51.27 -0.91 0.00	53.62 -0.36 0.00	51.08 -0.07 0.00
RUSSELL___2 23532	44.63 -0.96 0.00	41.27 -0.82 0.00	37.24 -0.72 0.00	42.77 -0.79 0.00	38.41 -0.63 0.00	44.09 -0.56 0.00	39.96 -1.02 0.00	56.64 -1.56 0.00	54.13 -1.13 0.00	44.67 -0.68 0.00	38.00 -0.46 0.00	34.13 -0.66 0.00	34.95 -0.67 0.00	34.44 -0.70 0.00	34.92 -0.78 0.00	40.40 -0.80 0.00	45.96 -1.14 0.00	57.71 -1.69 0.00	96.33 -1.89 0.00	131.38 -2.02 0.00	54.52 -1.11 0.00	51.27 -0.91 0.00	53.62 -0.36 0.00	51.08 -0.07 0.00
RUSSELL___3 23549	44.63 -0.96 0.00	41.27 -0.82 0.00	37.24 -0.72 0.00	42.77 -0.79 0.00	38.41 -0.63 0.00	44.09 -0.56 0.00	39.96 -1.02 0.00	56.64 -1.56 0.00	54.13 -1.13 0.00	44.67 -0.68 0.00	38.00 -0.46 0.00	34.13 -0.66 0.00	34.95 -0.67 0.00	34.44 -0.70 0.00	34.92 -0.78 0.00	40.40 -0.80 0.00	45.96 -1.14 0.00	57.71 -1.69 0.00	96.33 -1.89 0.00	131.38 -2.02 0.00	54.52 -1.11 0.00	51.27 -0.91 0.00	53.62 -0.36 0.00	51.08 -0.07 0.00
RUSSELL___4 23556	44.63 -0.96 0.00	41.27 -0.82 0.00	37.24 -0.72 0.00	42.77 -0.79 0.00	38.41 -0.63 0.00	44.09 -0.56 0.00	39.96 -1.02 0.00	56.64 -1.56 0.00	54.13 -1.13 0.00	44.67 -0.68 0.00	38.00 -0.46 0.00	34.13 -0.66 0.00	34.95 -0.67 0.00	34.44 -0.70 0.00	34.92 -0.78 0.00	40.40 -0.80 0.00	45.96 -1.14 0.00	57.71 -1.69 0.00	96.33 -1.89 0.00	131.38 -2.02 0.00	54.52 -1.11 0.00	51.27 -0.91 0.00	53.62 -0.36 0.00	51.08 -0.07 0.00
RUSSELL___STATION 23914	44.63 -0.96 0.00	41.27 -0.82 0.00	37.24 -0.72 0.00	42.77 -0.79 0.00	38.41 -0.63 0.00	44.09 -0.56 0.00	39.96 -1.02 0.00	56.64 -1.56 0.00	54.13 -1.13 0.00	44.67 -0.68 0.00	38.00 -0.46 0.00	34.13 -0.66 0.00	34.95 -0.67 0.00	34.44 -0.70 0.00	34.92 -0.78 0.00	40.40 -0.80 0.00	45.96 -1.14 0.00	57.71 -1.69 0.00	96.33 -1.89 0.00	131.38 -2.02 0.00	54.52 -1.11 0.00	51.27 -0.91 0.00	53.62 -0.36 0.00	51.08 -0.07 0.00
S SALMON___HYD 24043	44.52 -1.08 0.00	41.07 -1.02 0.00	37.08 -0.89 0.00	42.52 -1.05 0.00	38.11 -0.93 0.00	43.57 -1.08 0.00	40.08 -0.90 0.00	57.40 -0.81 0.00	54.62 -0.65 0.00	44.86 -0.49 0.00	37.87 -0.60 0.00	34.01 -0.79 0.00	34.67 -0.94 0.00	34.20 -0.94 0.00	34.90 -0.80 0.00	40.41 -0.79 0.00	46.45 -0.65 0.00	58.79 -0.62 0.00	97.50 -0.72 0.00	132.38 -1.01 0.00	55.19 -0.44 0.00	51.76 -0.42 0.00	53.53 -0.45 0.00	50.65 -0.51 0.00
S.PERRY__115KV_TB1 80734	45.07 -0.52 0.00	41.67 -0.42 0.00	37.63 -0.34 0.00	43.26 -0.30 0.00	39.01 -0.03 0.00	44.96 0.31 0.00	40.79 -0.18 0.00	57.77 -0.43 0.00	55.15 -0.11 0.00	45.18 -0.17 0.00	37.83 -0.64 0.00	33.64 -1.16 0.00	34.63 -0.99 0.00	34.13 -1.00 0.00	34.66 -1.04 0.00	40.18 -1.02 0.00	46.10 -0.99 0.00	58.36 -1.05 0.00	98.78 0.56 0.00	135.31 1.92 0.00	55.99 0.36 0.00	52.72 0.53 0.00	55.35 1.38 0.00	52.65 1.50 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.25 -2.34 0.00	40.09 -2.00 0.00	36.22 -1.75 0.00	41.63 -1.93 0.00	37.50 -1.55 0.00	43.20 -1.46 0.00	38.70 -2.27 0.00	54.58 -3.62 0.00	52.31 -2.96 0.00	43.37 -1.98 0.00	37.05 -1.41 0.00	33.06 -1.74 0.00	33.85 -1.77 0.00	33.32 -1.81 0.00	33.79 -1.90 0.00	39.08 -2.13 0.00	44.22 -2.87 0.00	55.20 -4.20 0.00	92.70 -5.52 0.00	127.05 -6.35 0.00	52.62 -3.01 0.00	49.65 -2.53 0.00	52.56 -1.42 0.00	50.43 -0.73 0.00

SAWYER___23_KV_LOAD 55526	43.25 -2.34 0.00	40.09 -2.00 0.00	36.22 -1.75 0.00	41.63 -1.93 0.00	37.50 -1.55 0.00	43.20 -1.46 0.00	38.70 -2.27 0.00	54.58 -3.62 0.00	52.31 -2.96 0.00	43.37 -1.98 0.00	37.05 -1.41 0.00	33.06 -1.74 0.00	33.85 -1.77 0.00	33.32 -1.81 0.00	33.79 -1.90 0.00	39.08 -2.13 0.00	44.22 -2.87 0.00	55.20 -4.20 0.00	92.70 -5.52 0.00	127.05 -6.35 0.00	52.62 -3.01 0.00	49.65 -2.53 0.00	52.56 -1.42 0.00	50.43 -0.73 0.00
SELKIRK___I 23801	46.97 1.38 0.00	43.30 1.22 0.00	39.07 1.10 0.00	44.81 1.25 0.00	40.15 1.11 0.00	45.91 1.26 0.00	42.20 1.22 0.00	59.88 1.67 0.00	56.56 1.29 0.00	46.14 0.79 0.00	39.14 0.68 0.00	35.46 0.67 0.00	36.21 0.60 0.00	35.67 0.55 0.00	36.32 0.62 0.00	41.77 0.56 0.00	47.84 0.75 0.00	60.52 1.12 0.00	99.71 1.50 0.00	135.29 1.90 0.00	56.45 0.82 0.00	52.95 0.76 0.00	54.62 0.65 0.00	51.70 0.54 0.00
SELKIRK___II 23799	46.79 1.19 0.00	43.15 1.07 0.00	38.92 0.95 0.00	44.64 1.08 0.00	40.01 0.96 0.00	45.75 1.10 0.00	42.03 1.06 0.00	59.65 1.45 0.00	56.37 1.11 0.00	46.12 0.76 0.00	39.07 0.61 0.00	35.42 0.63 0.00	36.21 0.60 0.00	35.70 0.57 0.00	36.30 0.60 0.00	41.77 0.56 0.00	47.73 0.63 0.00	60.31 0.91 0.00	99.35 1.14 0.00	134.77 1.37 0.00	56.24 0.60 0.00	52.76 0.58 0.00	54.41 0.44 0.00	51.49 0.33 0.00
SENECA OSWGO___HYD 24041	44.62 -0.98 0.00	41.13 -0.96 0.00	37.15 -0.82 0.00	42.63 -0.93 0.00	38.17 -0.87 0.00	43.54 -1.11 0.00	39.90 -1.08 0.00	57.04 -1.17 0.00	53.92 -1.35 0.00	44.26 -1.10 0.00	37.53 -0.94 0.00	33.91 -0.88 0.00	34.70 -0.92 0.00	34.15 -0.98 0.00	34.70 -1.00 0.00	40.13 -1.08 0.00	45.86 -1.24 0.00	57.84 -1.56 0.00	95.76 -2.46 0.00	129.98 -3.41 0.00	54.12 -1.52 0.00	50.83 -1.36 0.00	52.63 -1.35 0.00	49.80 -1.36 0.00
SENECA___115KV_TB3 355854	43.53 -2.06 0.00	40.31 -1.78 0.00	36.40 -1.57 0.00	41.85 -1.71 0.00	37.71 -1.34 0.00	43.48 -1.17 0.00	39.01 -1.97 0.00	55.09 -3.12 0.00	52.75 -2.52 0.00	43.72 -1.63 0.00	37.28 -1.19 0.00	33.23 -1.56 0.00	34.03 -1.59 0.00	33.47 -1.66 0.00	33.96 -1.74 0.00	39.31 -1.90 0.00	44.60 -2.50 0.00	55.76 -3.64 0.00	93.76 -4.46 0.00	128.59 -4.80 0.00	53.17 -2.46 0.00	50.15 -2.04 0.00	53.06 -0.91 0.00	50.84 -0.32 0.00
SENECA___ENERGY 23797	44.77 -0.82 0.00	41.32 -0.77 0.00	37.30 -0.67 0.00	42.89 -0.67 0.00	38.49 -0.55 0.00	44.06 -0.59 0.00	40.35 -0.63 0.00	57.14 -1.06 0.00	54.29 -0.97 0.00	44.68 -0.67 0.00	37.97 -0.50 0.00	34.10 -0.70 0.00	35.02 -0.59 0.00	34.57 -0.56 0.00	35.14 -0.56 0.00	40.56 -0.65 0.00	46.23 -0.87 0.00	58.14 -1.27 0.00	96.81 -1.41 0.00	131.60 -1.80 0.00	54.74 -0.89 0.00	51.31 -0.88 0.00	53.30 -0.67 0.00	50.63 -0.52 0.00
SHOEMAKER___GT 23640	47.89 2.30 0.00	44.16 2.08 0.00	39.85 1.88 0.00	45.68 2.12 0.00	41.04 1.99 0.00	46.96 2.31 0.00	43.11 2.13 0.00	61.15 2.95 0.00	57.75 2.49 0.00	47.43 2.08 0.00	40.22 1.76 0.00	36.57 1.77 0.00	37.50 1.89 0.00	36.93 1.80 0.00	37.46 1.76 0.00	43.12 1.92 0.00	49.30 2.21 0.00	62.00 2.60 0.00	102.49 4.28 0.00	138.17 4.78 0.00	57.72 2.09 0.00	54.39 2.21 0.00	56.02 2.05 0.00	52.94 1.78 0.00
SHOEMAKR_138KV_BK 111 55601	47.87 2.28 0.00	44.14 2.05 0.00	39.84 1.87 0.00	45.66 2.10 0.00	41.02 1.98 0.00	46.96 2.31 0.00	43.08 2.10 0.00	61.12 2.91 0.00	57.72 2.46 0.00	47.42 2.07 0.00	40.25 1.78 0.00	36.59 1.79 0.00	37.51 1.90 0.00	36.95 1.81 0.00	37.49 1.79 0.00	43.14 1.93 0.00	49.30 2.20 0.00	61.96 2.55 0.00	102.43 4.22 0.00	138.10 4.71 0.00	57.67 2.04 0.00	54.35 2.17 0.00	55.98 2.01 0.00	52.90 1.74 0.00
SHOREHAM_IC_1 23715	39.83 1.29 7.05	43.32 1.23 0.00	39.15 1.19 0.00	44.70 1.14 0.00	40.26 1.22 0.00	46.59 1.94 0.00	32.50 0.38 8.86	19.94 0.51 38.77	17.34 0.68 38.60	38.77 1.21 7.79	22.80 1.65 17.32	24.13 1.81 12.48	37.13 1.89 0.37	58.57 1.89 -21.55	38.12 1.75 -0.67	42.34 1.22 0.09	46.90 1.37 1.57	29.95 1.70 31.16	63.98 1.20 35.43	123.86 -0.55 8.98	31.27 0.26 24.62	30.61 0.77 22.35	52.80 0.44 1.61	35.12 -0.10 15.94
SHOREHAM_IC_2 23716	39.87 1.33 7.05	43.32 1.23 0.00	39.15 1.19 0.00	44.70 1.14 0.00	40.26 1.22 0.00	46.58 1.93 0.00	32.51 0.39 8.86	19.94 0.51 38.77	17.34 0.68 38.60	38.77 1.21 7.79	22.81 1.66 17.32	24.13 1.81 12.48	37.12 1.88 0.37	58.57 1.89 -21.55	38.10 1.74 -0.67	42.33 1.22 0.09	46.90 1.37 1.57	29.94 1.70 31.16	63.97 1.18 35.43	123.86 -0.55 8.98	31.26 0.25 24.62	30.60 0.77 22.35	52.80 0.44 1.61	35.12 -0.10 15.94
SISSONVILLE____ 23735	46.05 0.45 0.00	42.52 0.44 0.00	38.34 0.37 0.00	43.99 0.42 0.00	39.48 0.44 0.00	45.33 0.68 0.00	41.76 0.78 0.00	59.62 1.42 0.00	57.01 1.75 0.00	46.88 1.53 0.00	39.75 1.28 0.00	35.78 0.99 0.00	36.57 0.95 0.00	35.97 0.84 0.00	36.58 0.88 0.00	42.32 1.12 0.00	48.61 1.51 0.00	61.61 2.20 0.00	102.46 4.25 0.00	139.39 6.00 0.00	58.23 2.60 0.00	54.40 2.21 0.00	56.27 2.30 0.00	53.43 2.27 0.00
SITHE_IND_GS1 24169	44.13 -1.46 0.00	40.74 -1.35 0.00	36.75 -1.22 0.00	42.19 -1.37 0.00	37.75 -1.29 0.00	43.03 -1.62 0.00	39.43 -1.55 0.00	55.96 -2.25 0.00	53.13 -2.13 0.00	43.61 -1.74 0.00	36.99 -1.48 0.00	33.43 -1.36 0.00	34.23 -1.38 0.00	33.79 -1.34 0.00	34.34 -1.36 0.00	39.65 -1.56 0.00	45.30 -1.79 0.00	57.11 -2.30 0.00	94.51 -3.71 0.00	128.34 -5.06 0.00	53.46 -2.17 0.00	50.22 -1.97 0.00	52.00 -1.98 0.00	49.28 -1.88 0.00
SITHE_IND_GS2 24170	44.13 -1.46 0.00	40.74 -1.35 0.00	36.75 -1.22 0.00	42.19 -1.37 0.00	37.75 -1.29 0.00	43.03 -1.62 0.00	39.43 -1.55 0.00	55.96 -2.25 0.00	53.13 -2.13 0.00	43.61 -1.74 0.00	36.99 -1.48 0.00	33.43 -1.36 0.00	34.23 -1.38 0.00	33.79 -1.34 0.00	34.34 -1.36 0.00	39.65 -1.56 0.00	45.30 -1.79 0.00	57.11 -2.30 0.00	94.51 -3.71 0.00	128.34 -5.06 0.00	53.46 -2.17 0.00	50.22 -1.97 0.00	52.00 -1.98 0.00	49.28 -1.88 0.00
SITHE_IND_GS3 24171	44.13 -1.46 0.00	40.74 -1.35 0.00	36.75 -1.22 0.00	42.19 -1.37 0.00	37.75 -1.29 0.00	43.03 -1.62 0.00	39.43 -1.55 0.00	55.96 -2.25 0.00	53.13 -2.13 0.00	43.61 -1.74 0.00	36.99 -1.48 0.00	33.43 -1.36 0.00	34.23 -1.38 0.00	33.79 -1.34 0.00	34.34 -1.36 0.00	39.65 -1.56 0.00	45.30 -1.79 0.00	57.11 -2.30 0.00	94.51 -3.71 0.00	128.34 -5.06 0.00	53.46 -2.17 0.00	50.22 -1.97 0.00	52.00 -1.98 0.00	49.28 -1.88 0.00
SITHE_IND_GS4 24172	44.13 -1.46 0.00	40.74 -1.35 0.00	36.75 -1.22 0.00	42.19 -1.37 0.00	37.75 -1.29 0.00	43.03 -1.62 0.00	39.43 -1.55 0.00	55.96 -2.25 0.00	53.13 -2.13 0.00	43.61 -1.74 0.00	36.99 -1.48 0.00	33.43 -1.36 0.00	34.23 -1.38 0.00	33.79 -1.34 0.00	34.34 -1.36 0.00	39.65 -1.56 0.00	45.30 -1.79 0.00	57.11 -2.30 0.00	94.51 -3.71 0.00	128.34 -5.06 0.00	53.46 -2.17 0.00	50.22 -1.97 0.00	52.00 -1.98 0.00	49.28 -1.88 0.00

SITHE___BATAVIA 24024	44.63 -0.96 0.00	41.31 -0.78 0.00	37.29 -0.68 0.00	42.83 -0.73 0.00	38.56 -0.49 0.00	44.38 -0.27 0.00	39.83 -1.14 0.00	56.31 -1.90 0.00	53.91 -1.35 0.00	44.54 -0.82 0.00	37.73 -0.74 0.00	33.59 -1.21 0.00	34.44 -1.17 0.00	34.07 -1.06 0.00	34.46 -1.24 0.00	39.90 -1.31 0.00	45.48 -1.62 0.00	57.11 -2.30 0.00	95.82 -2.40 0.00	131.07 -2.33 0.00	54.30 -1.33 0.00	51.13 -1.05 0.00	53.89 -0.08 0.00	51.56 0.40 0.00
SITHE___INDEPEND 23800	44.13 -1.46 0.00	40.74 -1.35 0.00	36.75 -1.22 0.00	42.19 -1.38 0.00	37.75 -1.29 0.00	43.03 -1.62 0.00	39.43 -1.55 0.00	55.96 -2.25 0.00	53.13 -2.14 0.00	43.61 -1.74 0.00	36.99 -1.48 0.00	33.43 -1.36 0.00	34.23 -1.38 0.00	33.79 -1.34 0.00	34.35 -1.36 0.00	39.65 -1.56 0.00	45.30 -1.79 0.00	57.11 -2.30 0.00	94.51 -3.71 0.00	128.34 -5.06 0.00	53.47 -2.17 0.00	50.21 -1.98 0.00	52.00 -1.97 0.00	49.27 -1.88 0.00
SITHE___MASSENA 23902	46.05 0.46 0.00	42.54 0.45 0.00	38.35 0.38 0.00	44.01 0.45 0.00	39.48 0.44 0.00	45.28 0.63 0.00	41.59 0.61 0.00	59.20 0.99 0.00	56.58 1.32 0.00	46.53 1.18 0.00	39.52 1.05 0.00	35.67 0.87 0.00	36.51 0.89 0.00	36.02 0.89 0.00	36.59 0.89 0.00	42.29 1.08 0.00	48.41 1.32 0.00	61.12 1.71 0.00	101.30 3.09 0.00	137.85 4.46 0.00	57.56 1.93 0.00	53.84 1.65 0.00	55.74 1.76 0.00	52.95 1.79 0.00
SITHE___OGDNSBRG 24021	46.81 1.22 0.00	43.25 1.16 0.00	38.98 1.01 0.00	44.73 1.17 0.00	40.14 1.10 0.00	46.11 1.46 0.00	42.45 1.47 0.00	60.57 2.37 0.00	57.94 2.67 0.00	47.59 2.23 0.00	40.28 1.81 0.00	36.20 1.40 0.00	37.09 1.47 0.00	36.57 1.44 0.00	37.10 1.40 0.00	42.97 1.77 0.00	49.30 2.20 0.00	62.47 3.06 0.00	103.91 5.69 0.00	141.33 7.94 0.00	58.99 3.36 0.00	55.08 2.90 0.00	56.99 3.01 0.00	54.11 2.95 0.00
SITHE___STERLING 23777	46.23 0.63 0.00	42.70 0.61 0.00	38.57 0.60 0.00	44.30 0.74 0.00	39.76 0.71 0.00	45.54 0.89 0.00	41.94 0.96 0.00	59.78 1.58 0.00	56.71 1.44 0.00	46.39 1.04 0.00	39.23 0.77 0.00	35.42 0.63 0.00	36.24 0.62 0.00	35.69 0.56 0.00	36.34 0.64 0.00	42.10 0.90 0.00	48.22 1.12 0.00	61.02 1.62 0.00	100.60 2.39 0.00	136.44 3.05 0.00	56.83 1.20 0.00	53.30 1.12 0.00	55.09 1.12 0.00	52.11 0.95 0.00
SLEIGHT__34_KV_TB1 80719	44.30 -1.29 0.00	40.94 -1.15 0.00	36.94 -1.04 0.00	42.45 -1.11 0.00	38.10 -0.95 0.00	43.68 -0.97 0.00	39.78 -1.20 0.00	56.43 -1.78 0.00	53.81 -1.46 0.00	44.29 -1.06 0.00	37.67 -0.80 0.00	33.84 -0.95 0.00	34.71 -0.91 0.00	34.17 -0.96 0.00	34.73 -0.97 0.00	40.20 -1.00 0.00	45.77 -1.33 0.00	57.64 -1.76 0.00	96.09 -2.13 0.00	130.77 -2.62 0.00	54.33 -1.30 0.00	50.95 -1.24 0.00	53.08 -0.89 0.00	50.46 -0.70 0.00
SMITHTWN_69_KV_BK 1 55830	40.64 2.01 6.96	44.00 1.91 0.00	39.77 1.80 0.00	45.41 1.84 0.00	40.90 1.86 0.00	47.05 2.40 0.00	41.53 1.17 0.61	22.63 1.56 37.13	18.69 1.61 38.18	46.24 1.99 1.11	55.72 2.36 -14.90	51.64 2.42 -14.43	38.49 2.35 -0.52	70.99 2.37 -33.49	44.66 2.24 -6.72	42.82 1.69 0.08	47.61 1.98 1.46	31.27 2.60 30.73	66.12 2.88 34.98	126.49 1.99 8.89	32.45 1.21 24.39	31.64 1.59 22.14	53.61 1.23 1.60	36.22 0.86 15.79
SOUTH CAIRO___GT 23612	47.95 2.36 0.00	44.18 2.09 0.00	39.83 1.86 0.00	45.68 2.12 0.00	40.92 1.88 0.00	46.83 2.18 0.00	43.12 2.14 0.00	61.38 3.17 0.00	57.99 2.73 0.00	47.04 1.69 0.00	39.90 1.43 0.00	36.10 1.31 0.00	36.75 1.13 0.00	36.11 0.99 0.00	36.76 1.06 0.00	42.37 1.16 0.00	48.57 1.48 0.00	62.18 2.77 0.00	103.12 4.91 0.00	139.80 6.41 0.00	58.21 2.58 0.00	54.45 2.27 0.00	56.08 2.11 0.00	52.98 1.82 0.00
SOUTH HAMPTN___IC 23720	40.25 1.74 7.08	43.94 1.85 0.00	39.69 1.72 0.00	45.31 1.75 0.00	40.82 1.78 0.00	47.10 2.45 0.00	21.77 0.40 19.60	18.29 0.45 40.36	17.18 0.62 38.70	30.16 1.13 16.31	-16.13 1.60 56.20	-11.34 1.71 47.85	36.06 1.89 1.45	37.74 1.98 -0.62	30.98 1.93 6.64	42.57 1.45 0.09	47.14 1.72 1.68	30.25 2.12 31.27	64.42 1.75 35.54	124.10 -0.30 9.00	31.32 0.37 24.68	30.57 0.78 22.40	52.80 0.45 1.62	35.05 -0.13 15.98
SOUTHDOW_115KV_TB1 355954	44.42 -1.17 0.00	41.04 -1.05 0.00	37.10 -0.87 0.00	42.86 -0.70 0.00	38.68 -0.36 0.00	44.62 -0.03 0.00	40.31 -0.67 0.00	57.34 -0.87 0.00	54.67 -0.59 0.00	45.19 -0.17 0.00	38.41 -0.06 0.00	34.17 -0.63 0.00	35.03 -0.58 0.00	34.25 -0.88 0.00	34.65 -1.05 0.00	40.12 -1.09 0.00	45.90 -1.20 0.00	57.95 -1.46 0.00	97.58 -0.63 0.00	132.89 -0.50 0.00	54.85 -0.78 0.00	51.62 -0.57 0.00	54.69 0.72 0.00	52.19 1.03 0.00
SOUTHOLD_69_KV_BK 2 55809	40.33 1.81 7.08	44.26 2.17 0.00	39.97 2.01 0.00	45.61 2.05 0.00	41.11 2.07 0.00	47.32 2.67 0.00	20.97 -0.04 19.97	17.56 -0.24 40.41	16.55 -0.02 38.70	29.32 0.58 16.61	-17.86 1.22 57.54	-12.95 1.32 49.07	35.78 1.65 1.49	36.87 1.84 0.11	30.65 1.85 6.90	42.51 1.40 0.09	47.15 1.74 1.68	30.18 2.05 31.27	64.03 1.36 35.54	122.98 -1.42 9.00	30.84 -0.11 24.68	30.09 0.30 22.40	52.29 -0.07 1.62	34.47 -0.71 15.98
SOUTHOLD___IC 23719	40.29 1.78 7.08	44.26 2.17 0.00	39.97 2.01 0.00	45.61 2.05 0.00	41.11 2.07 0.00	47.33 2.68 0.00	20.95 -0.05 19.97	17.55 -0.24 40.41	16.55 -0.02 38.70	29.33 0.58 16.61	-17.89 1.19 57.54	-12.97 1.31 49.07	35.78 1.66 1.49	36.87 1.84 0.11	30.66 1.85 6.90	42.51 1.39 0.09	47.15 1.73 1.68	30.19 2.05 31.27	64.07 1.40 35.54	122.98 -1.42 9.00	30.84 -0.11 24.68	30.09 0.30 22.40	52.29 -0.07 1.62	34.48 -0.70 15.98
SOUTH_FORK_WT_PWR 323839	40.03 1.51 7.08	44.26 2.18 0.00	39.96 1.99 0.00	45.60 2.04 0.00	41.10 2.05 0.00	47.22 2.57 0.00	20.48 -0.72 19.77	16.57 -1.25 40.39	15.57 -0.99 38.70	28.69 -0.21 16.45	-17.82 0.54 56.82	-12.89 0.72 48.41	35.36 1.21 1.47	36.90 1.48 -0.29	30.49 1.55 6.76	42.15 1.04 0.09	46.75 1.34 1.68	29.56 1.42 31.27	62.75 0.08 35.54	120.66 -3.73 9.00	29.93 -1.02 24.68	29.18 -0.61 22.40	51.38 -0.98 1.62	33.57 -1.61 15.98
SPIERFLS_115KV_TB 1 80737	47.04 1.45 0.00	43.35 1.26 0.00	39.08 1.11 0.00	44.82 1.26 0.00	40.14 1.10 0.00	45.90 1.25 0.00	42.43 1.45 0.00	60.19 1.99 0.00	56.95 1.68 0.00	46.32 0.97 0.00	39.10 0.63 0.00	35.45 0.66 0.00	36.15 0.54 0.00	35.67 0.54 0.00	36.30 0.60 0.00	41.92 0.72 0.00	47.89 0.79 0.00	61.16 1.75 0.00	100.93 2.71 0.00	137.15 3.76 0.00	57.00 1.37 0.00	53.20 1.01 0.00	54.93 0.95 0.00	52.01 0.85 0.00
ST LAWRENCE____ 23600	45.37 -0.22 0.00	41.91 -0.18 0.00	37.78 -0.18 0.00	43.36 -0.21 0.00	38.89 -0.16 0.00	44.57 -0.08 0.00	40.93 -0.05 0.00	58.22 0.02 0.00	55.59 0.32 0.00	45.72 0.37 0.00	38.85 0.38 0.00	35.09 0.30 0.00	35.91 0.30 0.00	35.46 0.33 0.00	36.02 0.32 0.00	41.61 0.40 0.00	47.61 0.51 0.00	60.05 0.65 0.00	99.43 1.22 0.00	135.30 1.90 0.00	56.49 0.86 0.00	52.88 0.70 0.00	54.73 0.76 0.00	51.99 0.83 0.00

STATE_CA_115KV_115_LB 55624	47.09 1.50 0.00	43.41 1.32 0.00	39.15 1.18 0.00	44.90 1.34 0.00	40.21 1.17 0.00	45.99 1.34 0.00	42.30 1.32 0.00	60.04 1.83 0.00	56.66 1.40 0.00	46.32 0.97 0.00	39.23 0.76 0.00	35.57 0.78 0.00	36.36 0.74 0.00	35.83 0.69 0.00	36.46 0.76 0.00	41.95 0.74 0.00	47.95 0.85 0.00	60.63 1.22 0.00	99.83 1.62 0.00	135.45 2.06 0.00	56.48 0.85 0.00	52.95 0.77 0.00	54.57 0.60 0.00	51.61 0.45 0.00
STATE_ST_34_KV_LOAD 55959	45.40 -0.20 0.00	41.89 -0.19 0.00	37.80 -0.17 0.00	43.49 -0.07 0.00	38.93 -0.12 0.00	44.51 -0.15 0.00	40.90 -0.08 0.00	58.05 -0.15 0.00	55.12 -0.14 0.00	45.11 -0.24 0.00	38.34 -0.12 0.00	34.57 -0.22 0.00	35.43 -0.19 0.00	34.92 -0.21 0.00	35.53 -0.16 0.00	41.07 -0.14 0.00	46.78 -0.32 0.00	58.95 -0.46 0.00	98.17 -0.04 0.00	133.51 0.11 0.00	55.55 -0.08 0.00	51.91 -0.28 0.00	53.80 -0.18 0.00	51.03 -0.12 0.00
STATION_5_MISC_HYD 23604	44.46 -1.13 0.00	41.10 -0.99 0.00	37.10 -0.87 0.00	42.61 -0.95 0.00	38.27 -0.78 0.00	43.92 -0.73 0.00	39.80 -1.17 0.00	56.39 -1.82 0.00	53.88 -1.39 0.00	44.48 -0.87 0.00	37.84 -0.63 0.00	33.97 -0.82 0.00	34.78 -0.83 0.00	34.27 -0.86 0.00	34.76 -0.94 0.00	40.20 -1.00 0.00	45.73 -1.37 0.00	57.39 -2.01 0.00	95.81 -2.40 0.00	130.68 -2.71 0.00	54.23 -1.40 0.00	50.98 -1.20 0.00	53.36 -0.61 0.00	50.86 -0.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	44.65 -0.94 0.00	41.25 -0.84 0.00	37.23 -0.74 0.00	42.78 -0.79 0.00	38.41 -0.64 0.00	44.01 -0.64 0.00	40.11 -0.86 0.00	56.84 -1.37 0.00	54.17 -1.09 0.00	44.60 -0.75 0.00	37.86 -0.61 0.00	34.03 -0.77 0.00	34.90 -0.72 0.00	34.41 -0.72 0.00	34.95 -0.75 0.00	40.39 -0.81 0.00	46.02 -1.08 0.00	57.89 -1.52 0.00	96.43 -1.78 0.00	131.24 -2.15 0.00	54.53 -1.11 0.00	51.19 -0.99 0.00	53.32 -0.65 0.00	50.69 -0.47 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.19 -1.41 0.00	40.86 -1.23 0.00	36.88 -1.09 0.00	42.35 -1.21 0.00	38.03 -1.01 0.00	43.64 -1.01 0.00	39.58 -1.40 0.00	56.06 -2.15 0.00	53.58 -1.69 0.00	44.19 -1.16 0.00	37.60 -0.86 0.00	33.77 -1.02 0.00	34.59 -1.03 0.00	34.08 -1.05 0.00	34.57 -1.13 0.00	39.98 -1.22 0.00	45.47 -1.62 0.00	57.11 -2.30 0.00	95.25 -2.96 0.00	129.89 -3.51 0.00	53.92 -1.71 0.00	50.70 -1.49 0.00	53.00 -0.98 0.00	50.50 -0.66 0.00
STA_56___34_KV_BUS2 355983	44.19 -1.41 0.00	40.86 -1.23 0.00	36.88 -1.09 0.00	42.35 -1.21 0.00	38.03 -1.01 0.00	43.64 -1.01 0.00	39.58 -1.40 0.00	56.06 -2.15 0.00	53.58 -1.69 0.00	44.19 -1.16 0.00	37.60 -0.86 0.00	33.77 -1.02 0.00	34.59 -1.03 0.00	34.08 -1.05 0.00	34.57 -1.13 0.00	39.98 -1.22 0.00	45.47 -1.62 0.00	57.11 -2.30 0.00	95.25 -2.96 0.00	129.89 -3.51 0.00	53.92 -1.71 0.00	50.70 -1.49 0.00	53.00 -0.98 0.00	50.50 -0.66 0.00
STA_67___115KV_BK2 355882	44.37 -1.23 0.00	41.02 -1.07 0.00	37.03 -0.94 0.00	42.53 -1.03 0.00	38.20 -0.84 0.00	43.84 -0.81 0.00	39.72 -1.25 0.00	56.27 -1.93 0.00	53.77 -1.49 0.00	44.38 -0.97 0.00	37.76 -0.71 0.00	33.90 -0.90 0.00	34.70 -0.91 0.00	34.20 -0.93 0.00	34.69 -1.01 0.00	40.11 -1.09 0.00	45.62 -1.47 0.00	57.27 -2.14 0.00	95.58 -2.63 0.00	130.35 -3.04 0.00	54.11 -1.52 0.00	50.88 -1.30 0.00	53.25 -0.72 0.00	50.77 -0.39 0.00
STA_7___115KV_9TRANS 80674	44.63 -0.96 0.00	41.27 -0.82 0.00	37.24 -0.72 0.00	42.77 -0.79 0.00	38.41 -0.63 0.00	44.09 -0.56 0.00	39.96 -1.02 0.00	56.64 -1.56 0.00	54.13 -1.13 0.00	44.67 -0.68 0.00	38.00 -0.46 0.00	34.13 -0.66 0.00	34.95 -0.67 0.00	34.44 -0.70 0.00	34.92 -0.78 0.00	40.40 -0.80 0.00	45.96 -1.14 0.00	57.71 -1.69 0.00	96.33 -1.89 0.00	131.38 -2.02 0.00	54.52 -1.11 0.00	51.27 -0.91 0.00	53.62 -0.36 0.00	51.08 -0.07 0.00
STA_82___115KV_TB1 80780	44.38 -1.22 0.00	41.05 -1.04 0.00	37.05 -0.92 0.00	42.55 -1.02 0.00	38.22 -0.82 0.00	43.86 -0.78 0.00	39.75 -1.23 0.00	56.29 -1.91 0.00	53.80 -1.47 0.00	44.39 -0.96 0.00	37.76 -0.70 0.00	33.90 -0.90 0.00	34.71 -0.90 0.00	34.21 -0.92 0.00	34.70 -1.00 0.00	40.12 -1.08 0.00	45.63 -1.46 0.00	57.29 -2.12 0.00	95.62 -2.59 0.00	130.42 -2.98 0.00	54.14 -1.49 0.00	50.91 -1.27 0.00	53.28 -0.70 0.00	50.80 -0.36 0.00
STEEL___WIND 323596	43.44 -2.15 0.00	40.22 -1.87 0.00	36.32 -1.65 0.00	41.75 -1.81 0.00	37.62 -1.43 0.00	43.39 -1.26 0.00	38.93 -2.05 0.00	55.00 -3.20 0.00	52.69 -2.57 0.00	43.68 -1.67 0.00	37.23 -1.24 0.00	33.19 -1.61 0.00	33.97 -1.65 0.00	33.43 -1.70 0.00	33.89 -1.81 0.00	39.26 -1.95 0.00	44.53 -2.56 0.00	55.69 -3.72 0.00	93.64 -4.57 0.00	128.47 -4.93 0.00	53.12 -2.51 0.00	50.12 -2.06 0.00	53.01 -0.96 0.00	50.79 -0.37 0.00
STEPHTWN_115KV_BK_2 55603	47.34 1.75 0.00	43.62 1.54 0.00	39.30 1.34 0.00	45.02 1.45 0.00	40.42 1.37 0.00	46.22 1.58 0.00	42.54 1.56 0.00	60.44 2.23 0.00	57.12 1.86 0.00	46.51 1.16 0.00	39.44 0.97 0.00	35.76 0.97 0.00	36.58 0.97 0.00	36.06 0.92 0.00	36.63 0.93 0.00	42.20 1.00 0.00	48.23 1.14 0.00	61.05 1.65 0.00	100.52 2.30 0.00	136.42 3.03 0.00	56.81 1.18 0.00	53.31 1.12 0.00	55.03 1.05 0.00	51.89 0.73 0.00
STEBEN_REC_LFGE 323667	42.91 -2.68 0.00	39.79 -2.30 0.00	36.18 -1.79 0.00	41.72 -1.84 0.00	37.77 -1.27 0.00	43.72 -0.93 0.00	39.69 -1.29 0.00	55.93 -2.28 0.00	53.22 -2.04 0.00	43.33 -2.02 0.00	36.14 -2.33 0.00	32.17 -2.63 0.00	33.20 -2.41 0.00	32.66 -2.47 0.00	33.35 -2.35 0.00	38.91 -2.29 0.00	44.93 -2.17 0.00	56.71 -2.69 0.00	96.27 -1.95 0.00	132.45 -0.95 0.00	54.69 -0.93 0.00	51.70 -0.49 0.00	54.47 0.49 0.00	51.82 0.66 0.00
STILLWATER___SOLAR 323814	47.38 1.79 0.00	43.69 1.60 0.00	39.41 1.44 0.00	45.19 1.63 0.00	40.49 1.44 0.00	46.30 1.65 0.00	42.67 1.69 0.00	60.58 2.38 0.00	57.20 1.94 0.00	46.61 1.26 0.00	39.32 0.86 0.00	35.60 0.80 0.00	36.35 0.74 0.00	35.89 0.76 0.00	36.54 0.84 0.00	42.15 0.95 0.00	48.25 1.16 0.00	61.33 1.93 0.00	101.03 2.81 0.00	137.19 3.80 0.00	57.11 1.48 0.00	53.40 1.22 0.00	55.12 1.14 0.00	52.17 1.01 0.00
STONY___BROOK 24151	40.48 1.89 7.00	43.90 1.81 0.00	39.69 1.72 0.00	45.31 1.75 0.00	40.80 1.76 0.00	46.98 2.33 0.00	41.39 1.08 0.67	22.31 1.46 37.35	18.45 1.53 38.35	46.03 1.92 1.25	53.92 2.27 -13.18	51.54 2.35 -14.39	38.37 2.29 -0.47	73.47 2.32 -36.01	44.29 2.19 -6.40	42.76 1.63 0.08	47.53 1.91 1.48	31.01 2.50 30.90	65.79 2.73 35.16	126.13 1.67 8.92	32.27 1.12 24.48	31.48 1.51 22.22	53.52 1.14 1.61	36.06 0.76 15.85
STURGEON_POOL_HYD 23609	47.75 2.15 0.00	44.04 1.95 0.00	39.72 1.76 0.00	45.53 1.97 0.00	40.88 1.84 0.00	46.78 2.13 0.00	42.95 1.98 0.00	60.93 2.73 0.00	57.59 2.33 0.00	47.40 2.05 0.00	40.22 1.75 0.00	36.52 1.73 0.00	37.44 1.83 0.00	36.93 1.80 0.00	37.47 1.78 0.00	43.12 1.91 0.00	49.23 2.14 0.00	61.88 2.48 0.00	102.20 3.98 0.00	137.98 4.59 0.00	57.61 1.98 0.00	54.26 2.07 0.00	55.86 1.89 0.00	52.79 1.63 0.00

ST_LAW_115_BK7_LBMP 345037	45.42 -0.18 0.00	41.95 -0.14 0.00	37.83 -0.15 0.00	43.41 -0.16 0.00	38.92 -0.12 0.00	44.63 -0.02 0.00	40.98 0.00 0.00	58.29 0.08 0.00	55.68 0.42 0.00	45.80 0.45 0.00	38.92 0.46 0.00	35.16 0.37 0.00	35.98 0.37 0.00	35.53 0.40 0.00	36.08 0.38 0.00	41.69 0.48 0.00	47.70 0.60 0.00	60.16 0.76 0.00	99.64 1.42 0.00	135.59 2.19 0.00	56.60 0.97 0.00	52.99 0.80 0.00	54.85 0.88 0.00	52.10 0.94 0.00
ST_LAW_115_BK8_LBMP 345038	45.42 -0.18 0.00	41.95 -0.14 0.00	37.83 -0.15 0.00	43.41 -0.16 0.00	38.92 -0.12 0.00	44.63 -0.02 0.00	40.98 0.00 0.00	58.29 0.08 0.00	55.68 0.42 0.00	45.80 0.45 0.00	38.92 0.46 0.00	35.16 0.37 0.00	35.98 0.37 0.00	35.53 0.40 0.00	36.08 0.38 0.00	41.69 0.48 0.00	47.70 0.60 0.00	60.16 0.76 0.00	99.64 1.42 0.00	135.59 2.19 0.00	56.60 0.97 0.00	52.99 0.80 0.00	54.85 0.88 0.00	52.10 0.94 0.00
ST_LAW_230_BK5_LBMP 345035	45.37 -0.22 0.00	41.91 -0.18 0.00	37.78 -0.18 0.00	43.36 -0.21 0.00	38.89 -0.16 0.00	44.57 -0.08 0.00	40.93 -0.05 0.00	58.22 0.02 0.00	55.59 0.32 0.00	45.72 0.37 0.00	38.85 0.38 0.00	35.09 0.30 0.00	35.91 0.30 0.00	35.46 0.33 0.00	36.02 0.32 0.00	41.61 0.40 0.00	47.61 0.51 0.00	60.05 0.65 0.00	99.43 1.22 0.00	135.30 1.90 0.00	56.49 0.86 0.00	52.88 0.70 0.00	54.73 0.76 0.00	51.99 0.83 0.00
ST_LAW_230_BK6_LBMP 345036	45.37 -0.22 0.00	41.91 -0.18 0.00	37.78 -0.18 0.00	43.36 -0.21 0.00	38.89 -0.16 0.00	44.57 -0.08 0.00	40.93 -0.05 0.00	58.22 0.02 0.00	55.59 0.32 0.00	45.72 0.37 0.00	38.85 0.38 0.00	35.09 0.30 0.00	35.91 0.30 0.00	35.46 0.33 0.00	36.02 0.32 0.00	41.61 0.40 0.00	47.61 0.51 0.00	60.05 0.65 0.00	99.43 1.22 0.00	135.30 1.90 0.00	56.49 0.86 0.00	52.88 0.70 0.00	54.73 0.76 0.00	51.99 0.83 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.03 2.44 0.00	44.29 2.20 0.00	39.97 2.00 0.00	45.82 2.26 0.00	41.17 2.12 0.00	47.12 2.47 0.00	43.23 2.25 0.00	61.33 3.12 0.00	57.89 2.63 0.00	47.62 2.26 0.00	40.47 2.00 0.00	36.79 1.99 0.00	37.72 2.10 0.00	37.16 2.03 0.00	37.70 2.01 0.00	43.36 2.16 0.00	49.51 2.42 0.00	62.17 2.76 0.00	102.75 4.53 0.00	138.38 4.98 0.00	57.78 2.15 0.00	54.50 2.32 0.00	56.12 2.15 0.00	53.02 1.86 0.00
SWANROAD_115KV_TB1 355699	42.78 -2.81 0.00	39.72 -2.37 0.00	35.91 -2.06 0.00	41.21 -2.35 0.00	37.13 -1.91 0.00	42.77 -1.88 0.00	37.96 -3.02 0.00	53.37 -4.84 0.00	51.22 -4.05 0.00	42.56 -2.79 0.00	36.48 -1.99 0.00	32.47 -2.33 0.00	33.17 -2.45 0.00	32.69 -2.44 0.00	33.17 -2.53 0.00	38.32 -2.88 0.00	43.28 -3.81 0.00	54.01 -5.40 0.00	90.67 -7.55 0.00	124.30 -9.09 0.00	51.55 -4.09 0.00	48.72 -3.47 0.00	51.66 -2.31 0.00	49.66 -1.49 0.00
SYNERGY___BIOGAS 323694	44.61 -0.99 0.00	41.31 -0.78 0.00	37.30 -0.67 0.00	42.84 -0.73 0.00	38.56 -0.49 0.00	44.38 -0.27 0.00	39.83 -1.15 0.00	56.32 -1.89 0.00	53.94 -1.33 0.00	44.53 -0.82 0.00	37.72 -0.74 0.00	33.59 -1.21 0.00	34.44 -1.17 0.00	34.07 -1.06 0.00	34.46 -1.24 0.00	39.89 -1.31 0.00	45.48 -1.61 0.00	57.13 -2.28 0.00	95.83 -2.38 0.00	131.07 -2.33 0.00	54.31 -1.31 0.00	51.18 -1.01 0.00	53.90 -0.08 0.00	51.56 0.40 0.00
SYRACUSE___ENERGY_ST1 323597	45.18 -0.41 0.00	41.70 -0.39 0.00	37.63 -0.34 0.00	43.20 -0.36 0.00	38.69 -0.36 0.00	44.15 -0.50 0.00	40.51 -0.47 0.00	57.59 -0.61 0.00	54.66 -0.61 0.00	44.85 -0.50 0.00	38.02 -0.45 0.00	34.34 -0.46 0.00	35.16 -0.45 0.00	34.65 -0.49 0.00	35.24 -0.46 0.00	40.74 -0.46 0.00	46.54 -0.56 0.00	58.68 -0.72 0.00	97.27 -0.95 0.00	132.05 -1.34 0.00	54.98 -0.65 0.00	51.56 -0.62 0.00	53.41 -0.57 0.00	50.60 -0.56 0.00
SYRACUSE___ENERGY_ST2 323598	45.18 -0.41 0.00	41.70 -0.39 0.00	37.63 -0.34 0.00	43.20 -0.36 0.00	38.69 -0.36 0.00	44.15 -0.50 0.00	40.51 -0.47 0.00	57.59 -0.61 0.00	54.66 -0.61 0.00	44.85 -0.50 0.00	38.02 -0.45 0.00	34.34 -0.46 0.00	35.16 -0.45 0.00	34.65 -0.49 0.00	35.24 -0.46 0.00	40.74 -0.46 0.00	46.54 -0.56 0.00	58.68 -0.72 0.00	97.27 -0.95 0.00	132.05 -1.34 0.00	54.98 -0.65 0.00	51.56 -0.62 0.00	53.41 -0.57 0.00	50.60 -0.56 0.00
SYRACUSE___POWER 24017	45.24 -0.35 0.00	41.76 -0.33 0.00	37.67 -0.29 0.00	43.24 -0.32 0.00	38.74 -0.30 0.00	44.23 -0.42 0.00	40.55 -0.42 0.00	57.59 -0.61 0.00	54.70 -0.57 0.00	44.91 -0.44 0.00	38.07 -0.39 0.00	34.38 -0.41 0.00	35.22 -0.40 0.00	34.69 -0.44 0.00	35.30 -0.40 0.00	40.79 -0.41 0.00	46.61 -0.49 0.00	58.79 -0.61 0.00	97.37 -0.84 0.00	132.18 -1.22 0.00	55.04 -0.59 0.00	51.65 -0.53 0.00	53.49 -0.49 0.00	50.68 -0.48 0.00
TALLMAN__138KV_BK151 55660	48.15 2.56 0.00	44.39 2.30 0.00	40.08 2.11 0.00	45.93 2.37 0.00	41.28 2.24 0.00	47.25 2.60 0.00	43.34 2.36 0.00	61.47 3.26 0.00	58.00 2.73 0.00	47.74 2.39 0.00	40.60 2.14 0.00	36.94 2.15 0.00	37.89 2.28 0.00	37.32 2.19 0.00	37.87 2.17 0.00	43.52 2.31 0.00	49.66 2.56 0.00	62.31 2.90 0.00	103.03 4.82 0.00	138.57 5.18 0.00	57.87 2.24 0.00	54.62 2.43 0.00	56.22 2.25 0.00	53.09 1.93 0.00
TEALLAVE_115KV_TB7 355573	44.97 -0.62 0.00	41.50 -0.59 0.00	37.44 -0.53 0.00	42.99 -0.57 0.00	38.51 -0.53 0.00	43.95 -0.69 0.00	40.28 -0.69 0.00	57.21 -1.00 0.00	54.35 -0.91 0.00	44.64 -0.71 0.00	37.85 -0.62 0.00	34.19 -0.61 0.00	35.01 -0.60 0.00	34.48 -0.65 0.00	35.08 -0.62 0.00	40.53 -0.67 0.00	46.29 -0.80 0.00	58.37 -1.04 0.00	96.63 -1.59 0.00	131.19 -2.20 0.00	54.63 -1.00 0.00	51.29 -0.90 0.00	53.12 -0.85 0.00	50.34 -0.81 0.00
TELGRAPH_34_KV_EAST 80808	43.66 -1.93 0.00	40.49 -1.60 0.00	36.57 -1.39 0.00	41.99 -1.57 0.00	37.82 -1.22 0.00	43.54 -1.11 0.00	38.89 -2.08 0.00	54.86 -3.34 0.00	52.57 -2.69 0.00	43.56 -1.78 0.00	37.18 -1.29 0.00	33.11 -1.69 0.00	33.89 -1.72 0.00	33.41 -1.72 0.00	33.88 -1.82 0.00	39.19 -2.01 0.00	44.42 -2.68 0.00	55.57 -3.83 0.00	93.29 -4.92 0.00	127.72 -5.67 0.00	52.96 -2.67 0.00	49.97 -2.21 0.00	52.82 -1.16 0.00	50.66 -0.50 0.00
TEMPLE___115KV_TB 2 55572	44.98 -0.61 0.00	41.52 -0.57 0.00	37.46 -0.50 0.00	43.00 -0.56 0.00	38.52 -0.52 0.00	43.97 -0.68 0.00	40.30 -0.68 0.00	57.22 -0.99 0.00	54.36 -0.91 0.00	44.64 -0.71 0.00	37.85 -0.62 0.00	34.20 -0.59 0.00	35.02 -0.60 0.00	34.50 -0.63 0.00	35.08 -0.62 0.00	40.55 -0.66 0.00	46.29 -0.80 0.00	58.39 -1.02 0.00	96.67 -1.54 0.00	131.25 -2.15 0.00	54.64 -0.99 0.00	51.29 -0.90 0.00	53.14 -0.83 0.00	50.35 -0.81 0.00
TIANA____69_KV_BK 1 55817	40.27 1.76 7.08	43.84 1.75 0.00	39.61 1.64 0.00	45.22 1.66 0.00	40.74 1.69 0.00	47.03 2.38 0.00	21.57 0.54 19.95	18.46 0.66 40.41	17.38 0.82 38.70	30.06 1.30 16.59	-17.25 1.75 57.47	-12.35 1.85 49.00	36.10 1.97 1.48	37.11 2.04 0.06	30.76 1.94 6.88	42.58 1.47 0.09	47.16 1.74 1.68	30.30 2.17 31.27	64.58 1.91 35.54	124.51 0.11 9.00	31.47 0.52 24.68	30.76 0.97 22.40	52.97 0.61 1.62	35.25 0.07 15.98

TILDEN___115KV_TB1 80814	45.24 -0.35 0.00	41.76 -0.33 0.00	37.67 -0.29 0.00	43.24 -0.32 0.00	38.74 -0.30 0.00	44.23 -0.42 0.00	40.55 -0.42 0.00	57.59 -0.61 0.00	54.70 -0.57 0.00	44.91 -0.44 0.00	38.07 -0.39 0.00	34.38 -0.41 0.00	35.22 -0.40 0.00	34.69 -0.44 0.00	35.30 -0.40 0.00	40.79 -0.41 0.00	46.61 -0.49 0.00	58.79 -0.61 0.00	97.37 -0.84 0.00	132.18 -1.22 0.00	55.04 -0.59 0.00	51.65 -0.53 0.00	53.49 -0.49 0.00	50.68 -0.48 0.00
TRIGEN___CC 323695	48.11 2.52 0.00	44.47 2.38 0.00	40.19 2.22 0.00	45.92 2.36 0.00	41.35 2.31 0.00	47.42 2.77 0.00	42.93 1.86 -0.09	76.99 2.50 -16.28	73.90 2.37 -16.27	48.06 2.71 0.00	46.74 2.80 -5.47	54.73 2.76 -17.18	38.57 2.70 -0.27	93.20 2.80 -55.28	43.45 2.56 -5.19	43.37 2.17 0.00	50.11 2.49 -0.52	65.12 3.10 -2.61	113.98 3.92 -11.84	136.06 3.57 0.91	54.93 1.79 2.49	50.87 2.12 3.44	55.60 1.88 0.26	50.24 1.62 2.54
TRINITY___115KV__4 BK 55933	46.82 1.23 0.00	43.17 1.08 0.00	38.93 0.97 0.00	44.64 1.08 0.00	40.01 0.96 0.00	45.72 1.07 0.00	42.05 1.07 0.00	59.67 1.47 0.00	56.33 1.07 0.00	46.06 0.71 0.00	39.00 0.53 0.00	35.36 0.57 0.00	36.13 0.52 0.00	35.63 0.50 0.00	36.23 0.54 0.00	41.68 0.48 0.00	47.63 0.53 0.00	60.23 0.82 0.00	99.13 0.92 0.00	134.52 1.13 0.00	56.10 0.48 0.00	52.61 0.43 0.00	54.24 0.27 0.00	51.30 0.15 0.00
UNION___PROCESSING_DRP 323587	44.39 -1.20 0.00	41.06 -1.03 0.00	37.05 -0.91 0.00	42.56 -1.01 0.00	38.22 -0.82 0.00	43.87 -0.78 0.00	39.75 -1.22 0.00	56.30 -1.90 0.00	53.82 -1.45 0.00	44.40 -0.95 0.00	37.77 -0.70 0.00	33.90 -0.89 0.00	34.71 -0.90 0.00	34.22 -0.91 0.00	34.70 -1.00 0.00	40.14 -1.07 0.00	45.65 -1.45 0.00	57.31 -2.10 0.00	95.63 -2.58 0.00	130.43 -2.96 0.00	54.15 -1.48 0.00	50.93 -1.26 0.00	53.29 -0.68 0.00	50.80 -0.35 0.00
UPPER HUDSON___HYD 24058	47.04 1.45 0.00	43.35 1.26 0.00	39.08 1.11 0.00	44.82 1.26 0.00	40.14 1.10 0.00	45.90 1.25 0.00	42.43 1.45 0.00	60.19 1.99 0.00	56.95 1.68 0.00	46.32 0.98 0.00	39.10 0.63 0.00	35.45 0.66 0.00	36.15 0.54 0.00	35.67 0.54 0.00	36.31 0.61 0.00	41.92 0.72 0.00	47.89 0.79 0.00	61.16 1.75 0.00	100.92 2.71 0.00	137.15 3.75 0.00	57.00 1.37 0.00	53.20 1.01 0.00	54.93 0.95 0.00	52.01 0.85 0.00
UPPER RAQUET___HYD 24056	46.04 0.45 0.00	42.52 0.44 0.00	38.34 0.37 0.00	43.99 0.42 0.00	39.48 0.44 0.00	45.33 0.68 0.00	41.76 0.78 0.00	59.62 1.42 0.00	57.01 1.75 0.00	46.88 1.53 0.00	39.75 1.28 0.00	35.78 0.98 0.00	36.57 0.95 0.00	35.97 0.84 0.00	36.58 0.88 0.00	42.32 1.12 0.00	48.61 1.51 0.00	61.61 2.20 0.00	102.46 4.25 0.00	139.39 6.00 0.00	58.23 2.60 0.00	54.40 2.21 0.00	56.27 2.30 0.00	53.43 2.27 0.00
VALLEY44_115KV_TB2 355964	43.99 -1.60 0.00	40.68 -1.41 0.00	36.79 -1.17 0.00	42.40 -1.16 0.00	38.33 -0.72 0.00	44.10 -0.55 0.00	39.89 -1.08 0.00	56.44 -1.76 0.00	53.65 -1.62 0.00	44.19 -1.16 0.00	37.66 -0.80 0.00	33.69 -1.11 0.00	34.53 -1.08 0.00	33.83 -1.30 0.00	34.34 -1.36 0.00	39.73 -1.47 0.00	45.14 -1.96 0.00	56.78 -2.62 0.00	95.42 -2.80 0.00	130.15 -3.24 0.00	53.77 -1.86 0.00	50.77 -1.42 0.00	53.41 -0.56 0.00	50.87 -0.29 0.00
VALLEY___115KV_TB 1-4 80826	46.92 1.33 0.00	43.25 1.16 0.00	39.01 1.04 0.00	44.74 1.18 0.00	40.17 1.13 0.00	46.03 1.38 0.00	42.40 1.43 0.00	60.27 2.06 0.00	56.71 1.44 0.00	46.01 0.66 0.00	38.81 0.34 0.00	35.20 0.40 0.00	36.05 0.43 0.00	35.46 0.33 0.00	36.04 0.34 0.00	41.77 0.56 0.00	48.06 0.97 0.00	61.01 1.60 0.00	101.22 3.00 0.00	137.54 4.15 0.00	57.31 1.68 0.00	53.73 1.54 0.00	55.36 1.38 0.00	52.27 1.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.42 1.83 0.00	43.78 1.69 0.00	39.50 1.53 0.00	45.33 1.77 0.00	40.79 1.75 0.00	46.66 2.01 0.00	42.85 1.88 0.00	60.91 2.71 0.00	57.76 2.49 0.00	47.44 2.09 0.00	40.25 1.79 0.00	36.36 1.56 0.00	37.22 1.60 0.00	36.67 1.54 0.00	37.32 1.62 0.00	43.15 1.95 0.00	49.33 2.23 0.00	62.21 2.81 0.00	102.73 4.52 0.00	139.34 5.95 0.00	58.17 2.54 0.00	54.60 2.42 0.00	56.44 2.46 0.00	53.36 2.21 0.00
VISCHER___FERRY HYD 24020	47.01 1.42 0.00	43.34 1.25 0.00	39.11 1.14 0.00	44.85 1.29 0.00	40.15 1.11 0.00	45.90 1.24 0.00	42.26 1.28 0.00	59.98 1.78 0.00	56.62 1.35 0.00	46.17 0.82 0.00	38.96 0.50 0.00	35.30 0.50 0.00	36.04 0.42 0.00	35.55 0.42 0.00	36.19 0.49 0.00	41.68 0.47 0.00	47.62 0.52 0.00	60.40 1.00 0.00	99.34 1.13 0.00	134.98 1.59 0.00	56.25 0.61 0.00	52.64 0.46 0.00	54.29 0.31 0.00	51.38 0.22 0.00
V_A_10_SYNC_DSASP 323832	43.48 -2.11 0.00	40.28 -1.81 0.00	36.38 -1.58 0.00	41.82 -1.74 0.00	37.63 -1.42 0.00	43.27 -1.38 0.00	38.92 -2.06 0.00	54.95 -3.26 0.00	52.58 -2.68 0.00	43.51 -1.84 0.00	37.16 -1.31 0.00	33.24 -1.56 0.00	34.02 -1.59 0.00	33.52 -1.61 0.00	33.99 -1.70 0.00	39.30 -1.91 0.00	44.50 -2.59 0.00	55.65 -3.76 0.00	93.12 -5.09 0.00	127.34 -6.06 0.00	52.81 -2.82 0.00	49.77 -2.41 0.00	52.47 -1.50 0.00	50.24 -0.92 0.00
V_CMM_10_SYNC_DSASP 323787	45.65 0.06 0.00	42.16 0.07 0.00	38.03 0.06 0.00	43.63 0.06 0.00	39.13 0.09 0.00	44.87 0.22 0.00	41.19 0.21 0.00	58.59 0.38 0.00	56.00 0.74 0.00	46.06 0.71 0.00	39.13 0.66 0.00	35.35 0.55 0.00	36.18 0.57 0.00	35.72 0.59 0.00	36.27 0.57 0.00	41.91 0.71 0.00	47.96 0.86 0.00	60.50 1.09 0.00	100.20 1.99 0.00	136.29 2.89 0.00	56.86 1.22 0.00	53.26 1.07 0.00	55.14 1.17 0.00	52.39 1.23 0.00
V_CMP_10_SYNC_DSASP 323788	44.95 -0.65 0.00	41.47 -0.61 0.00	37.34 -0.63 0.00	42.86 -0.70 0.00	38.47 -0.57 0.00	44.04 -0.61 0.00	40.64 -0.34 0.00	57.92 -0.29 0.00	55.27 0.00 0.00	45.53 0.17 0.00	38.71 0.24 0.00	35.07 0.28 0.00	35.91 0.30 0.00	35.46 0.33 0.00	36.08 0.38 0.00	41.66 0.45 0.00	47.85 0.75 0.00	60.69 1.29 0.00	100.15 1.93 0.00	136.88 3.49 0.00	57.28 1.65 0.00	53.52 1.33 0.00	55.41 1.44 0.00	52.82 1.66 0.00
V_D_10_SYNC_DSASP 323841	46.04 0.45 0.00	42.52 0.44 0.00	38.34 0.38 0.00	44.00 0.44 0.00	39.46 0.42 0.00	45.27 0.62 0.00	41.57 0.60 0.00	59.17 0.96 0.00	56.56 1.29 0.00	46.51 1.16 0.00	39.50 1.04 0.00	35.66 0.87 0.00	36.50 0.88 0.00	36.02 0.89 0.00	36.58 0.88 0.00	42.27 1.07 0.00	48.40 1.30 0.00	61.11 1.70 0.00	101.29 3.07 0.00	137.78 4.39 0.00	57.55 1.92 0.00	53.82 1.64 0.00	55.72 1.74 0.00	52.93 1.77 0.00
V_E_10_SYNC_DSASP 323830	46.33 0.74 0.00	42.75 0.67 0.00	38.65 0.68 0.00	44.32 0.76 0.00	39.88 0.83 0.00	45.98 1.32 0.00	42.38 1.41 0.00	60.78 2.58 0.00	57.69 2.43 0.00	47.11 1.76 0.00	39.93 1.46 0.00	35.78 0.99 0.00	36.66 1.05 0.00	36.03 0.89 0.00	36.61 0.91 0.00	42.86 1.65 0.00	49.20 2.10 0.00	62.92 3.51 0.00	104.60 6.39 0.00	142.32 8.92 0.00	59.05 3.42 0.00	55.31 3.12 0.00	57.43 3.45 0.00	54.36 3.20 0.00

V_F_30_NSYNC___DSASP 323816	47.44 1.84 0.00	43.74 1.65 0.00	39.45 1.48 0.00	45.24 1.68 0.00	40.53 1.48 0.00	46.36 1.71 0.00	42.71 1.73 0.00	60.65 2.44 0.00	57.28 2.01 0.00	46.70 1.35 0.00	39.42 0.95 0.00	35.69 0.89 0.00	36.45 0.84 0.00	35.98 0.85 0.00	36.61 0.91 0.00	42.25 1.04 0.00	48.36 1.26 0.00	61.41 2.00 0.00	101.22 3.00 0.00	137.41 4.02 0.00	57.21 1.58 0.00	53.53 1.35 0.00	55.22 1.25 0.00	52.27 1.11 0.00
V_F_30_SYNC_DSASP 323786	47.09 1.50 0.00	43.40 1.31 0.00	39.15 1.18 0.00	44.89 1.33 0.00	40.21 1.17 0.00	45.98 1.33 0.00	42.29 1.31 0.00	60.02 1.81 0.00	56.66 1.39 0.00	46.31 0.96 0.00	39.22 0.75 0.00	35.57 0.78 0.00	36.35 0.74 0.00	35.82 0.69 0.00	36.46 0.75 0.00	41.93 0.73 0.00	47.94 0.84 0.00	60.62 1.21 0.00	99.81 1.60 0.00	135.44 2.05 0.00	56.48 0.84 0.00	52.94 0.75 0.00	54.57 0.59 0.00	51.61 0.45 0.00
V_XM_10_SYNC_DSASP 323789	44.95 -0.65 0.00	41.47 -0.61 0.00	37.34 -0.63 0.00	42.86 -0.70 0.00	38.47 -0.57 0.00	44.04 -0.61 0.00	40.64 -0.34 0.00	57.92 -0.29 0.00	55.27 0.00 0.00	45.53 0.17 0.00	38.71 0.24 0.00	35.07 0.28 0.00	35.91 0.30 0.00	35.46 0.33 0.00	36.08 0.38 0.00	41.66 0.45 0.00	47.85 0.75 0.00	60.69 1.29 0.00	100.15 1.93 0.00	136.88 3.49 0.00	57.28 1.65 0.00	53.52 1.33 0.00	55.41 1.44 0.00	52.82 1.66 0.00
W.BABYLN_69_KV_BK1 56697	43.01 2.64 5.21	44.59 2.50 0.00	40.33 2.36 0.00	46.04 2.47 0.00	41.46 2.41 0.00	47.61 2.96 0.00	42.40 1.88 0.45	29.19 2.42 31.44	25.91 2.38 31.74	46.70 2.68 1.33	46.43 2.88 -5.09	53.07 2.93 -15.35	38.63 2.77 -0.25	87.94 2.81 -50.00	43.15 2.63 -4.82	43.39 2.25 0.06	48.58 2.62 1.14	39.81 3.41 23.00	75.36 4.34 27.19	129.89 4.19 7.70	36.64 2.04 21.03	35.91 2.32 18.59	54.73 2.10 1.35	39.57 1.68 13.27
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.37 2.77 0.00	44.58 2.50 0.00	40.24 2.27 0.00	46.12 2.56 0.00	41.45 2.41 0.00	47.44 2.79 0.00	43.53 2.55 0.00	61.74 3.54 0.00	58.25 2.98 0.00	47.97 2.61 0.00	40.79 2.33 0.00	37.10 2.31 0.00	38.07 2.45 0.00	37.49 2.36 0.00	38.03 2.34 0.00	43.72 2.52 0.00	49.96 2.87 0.00	62.91 3.50 0.00	104.02 5.81 0.00	139.95 6.55 0.00	58.44 2.81 0.00	55.14 2.96 0.00	56.73 2.76 0.00	53.33 2.17 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.44 2.85 0.00	44.65 2.56 0.00	40.29 2.32 0.00	46.13 2.57 0.00	41.47 2.42 0.00	47.50 2.85 0.00	43.58 2.60 0.00	61.68 3.47 0.00	58.25 2.98 0.00	48.09 2.74 0.00	40.93 2.47 0.00	37.23 2.44 0.00	38.17 2.56 0.00	37.62 2.49 0.00	38.16 2.46 0.00	43.79 2.59 0.00	49.88 2.79 0.00	62.42 3.01 0.00	103.15 4.93 0.00	138.76 5.36 0.00	57.98 2.35 0.00	54.76 2.58 0.00	56.27 2.30 0.00	53.18 2.02 0.00
W50THST__13_KV_LOAD 356117	48.67 3.08 0.00	44.85 2.76 0.00	40.45 2.49 0.00	46.33 2.77 0.00	41.64 2.60 0.00	47.70 3.05 0.00	43.76 2.79 0.00	61.92 3.71 0.00	58.47 3.21 0.00	48.31 2.95 0.00	41.14 2.67 0.00	37.43 2.63 0.00	38.36 2.75 0.00	37.82 2.69 0.00	38.36 2.66 0.00	44.02 2.81 0.00	50.14 3.04 0.00	62.69 3.29 0.00	103.56 5.34 0.00	139.28 5.88 0.00	58.19 2.56 0.00	55.00 2.81 0.00	56.50 2.53 0.00	53.38 2.22 0.00
WADING RIVER_IC_1 23522	39.86 1.35 7.09	43.28 1.19 0.00	39.10 1.13 0.00	44.64 1.08 0.00	40.22 1.17 0.00	46.55 1.89 0.00	27.70 0.32 13.60	19.04 0.40 39.56	17.11 0.58 38.74	34.97 1.15 11.53	5.57 1.59 34.49	8.50 1.77 28.07	36.63 1.86 0.85	49.36 1.85 -12.38	34.85 1.71 2.56	42.31 1.20 0.09	46.80 1.33 1.62	29.71 1.62 31.31	63.66 1.04 35.59	123.57 -0.82 9.01	31.09 0.16 24.70	30.45 0.68 22.42	52.72 0.36 1.62	34.97 -0.19 15.99
WADING RIVER_IC_2 23547	39.86 1.35 7.09	43.28 1.19 0.00	39.10 1.13 0.00	44.64 1.08 0.00	40.22 1.17 0.00	46.55 1.89 0.00	27.70 0.32 13.60	19.04 0.40 39.56	17.11 0.58 38.74	34.97 1.15 11.53	5.57 1.59 34.49	8.50 1.77 28.07	36.63 1.86 0.85	49.36 1.85 -12.38	34.85 1.71 2.56	42.31 1.20 0.09	46.80 1.33 1.62	29.71 1.62 31.31	63.66 1.04 35.59	123.57 -0.82 9.01	31.09 0.16 24.70	30.45 0.68 22.42	52.72 0.36 1.62	34.97 -0.19 15.99
WADING RIVER_IC_3 23601	39.86 1.35 7.09	43.28 1.19 0.00	39.10 1.13 0.00	44.64 1.08 0.00	40.22 1.17 0.00	46.55 1.89 0.00	27.70 0.32 13.60	19.04 0.40 39.56	17.11 0.58 38.74	34.97 1.15 11.53	5.57 1.59 34.49	8.50 1.77 28.07	36.63 1.86 0.85	49.36 1.85 -12.38	34.85 1.71 2.56	42.31 1.20 0.09	46.80 1.33 1.62	29.71 1.62 31.31	63.66 1.04 35.59	123.57 -0.82 9.01	31.09 0.16 24.70	30.45 0.68 22.42	52.72 0.36 1.62	34.97 -0.19 15.99
WALDENNY_12_KV_BK2 80841	43.54 -2.06 0.00	40.33 -1.75 0.00	36.41 -1.55 0.00	41.86 -1.70 0.00	37.70 -1.35 0.00	43.48 -1.17 0.00	38.97 -2.00 0.00	55.01 -3.19 0.00	52.70 -2.56 0.00	43.71 -1.64 0.00	37.29 -1.18 0.00	33.24 -1.56 0.00	34.03 -1.58 0.00	33.47 -1.66 0.00	33.97 -1.73 0.00	39.31 -1.89 0.00	44.57 -2.53 0.00	55.73 -3.68 0.00	93.64 -4.57 0.00	128.41 -4.98 0.00	53.15 -2.49 0.00	50.16 -2.02 0.00	53.03 -0.95 0.00	50.80 -0.36 0.00
WALDEN___HYDRO 24148	48.22 2.62 0.00	44.45 2.36 0.00	40.10 2.13 0.00	45.97 2.41 0.00	41.30 2.25 0.00	47.27 2.62 0.00	43.38 2.41 0.00	61.55 3.35 0.00	58.11 2.85 0.00	47.80 2.44 0.00	40.60 2.13 0.00	36.90 2.10 0.00	37.83 2.21 0.00	37.28 2.15 0.00	37.81 2.11 0.00	43.49 2.28 0.00	49.71 2.61 0.00	62.43 3.03 0.00	103.21 5.00 0.00	139.09 5.69 0.00	58.06 2.43 0.00	54.74 2.55 0.00	56.34 2.37 0.00	53.22 2.06 0.00
WARRENSBURG____ 23737	47.04 1.45 0.00	43.35 1.26 0.00	39.08 1.11 0.00	44.82 1.26 0.00	40.14 1.10 0.00	45.90 1.25 0.00	42.43 1.45 0.00	60.19 1.99 0.00	56.95 1.68 0.00	46.32 0.97 0.00	39.10 0.63 0.00	35.45 0.66 0.00	36.15 0.54 0.00	35.67 0.54 0.00	36.30 0.60 0.00	41.92 0.72 0.00	47.89 0.79 0.00	61.16 1.75 0.00	100.93 2.71 0.00	137.15 3.76 0.00	57.00 1.37 0.00	53.20 1.01 0.00	54.93 0.95 0.00	52.01 0.85 0.00
WATERSIDE___6 8 9 23538	48.26 2.67 0.00	44.42 2.33 0.00	40.07 2.10 0.00	45.89 2.33 0.00	41.25 2.20 0.00	47.37 2.72 0.00	43.48 2.50 0.00	61.47 3.26 0.00	58.06 2.80 0.00	47.99 2.64 0.00	40.87 2.40 0.00	37.18 2.38 0.00	38.12 2.51 0.00	37.56 2.43 0.00	38.10 2.40 0.00	43.73 2.52 0.00	49.81 2.71 0.00	62.23 2.82 0.00	102.83 4.62 0.00	138.28 4.89 0.00	57.83 2.20 0.00	54.64 2.46 0.00	56.10 2.13 0.00	53.03 1.87 0.00
WATKINRD_115KV_LN8_ILLION 55919	46.61 1.02 0.00	42.98 0.89 0.00	38.77 0.80 0.00	44.46 0.90 0.00	39.89 0.84 0.00	45.69 1.03 0.00	42.03 1.05 0.00	59.73 1.53 0.00	56.33 1.06 0.00	45.84 0.49 0.00	38.74 0.27 0.00	35.12 0.32 0.00	35.96 0.35 0.00	35.40 0.27 0.00	35.98 0.28 0.00	41.64 0.44 0.00	47.83 0.73 0.00	60.58 1.18 0.00	100.35 2.13 0.00	136.28 2.89 0.00	56.79 1.16 0.00	53.26 1.07 0.00	54.94 0.97 0.00	51.92 0.77 0.00

WDELAWARE___HYD 323627	47.38 1.79 0.00	43.70 1.62 0.00	39.42 1.45 0.00	45.18 1.62 0.00	40.59 1.54 0.00	46.46 1.81 0.00	42.70 1.73 0.00	60.66 2.45 0.00	57.29 2.02 0.00	47.06 1.71 0.00	39.89 1.43 0.00	36.18 1.39 0.00	37.16 1.54 0.00	36.66 1.53 0.00	37.15 1.45 0.00	42.84 1.64 0.00	49.02 1.92 0.00	61.63 2.22 0.00	102.00 3.79 0.00	137.60 4.20 0.00	57.46 1.83 0.00	54.09 1.91 0.00	55.70 1.72 0.00	52.59 1.43 0.00
WEST BABYLON___IC 23714	43.01 2.64 5.21	44.59 2.50 0.00	40.33 2.36 0.00	46.04 2.47 0.00	41.46 2.41 0.00	47.61 2.96 0.00	42.40 1.88 0.45	29.19 2.42 31.44	25.91 2.38 31.74	46.70 2.68 1.33	46.43 2.88 -5.09	53.07 2.93 -15.35	38.63 2.77 -0.25	87.94 2.81 -50.00	43.15 2.63 -4.82	43.39 2.25 0.06	48.58 2.62 1.14	39.81 3.41 23.00	75.36 4.34 27.19	129.89 4.19 7.70	36.64 2.04 21.03	35.91 2.32 18.59	54.73 2.10 1.35	39.57 1.68 13.27
WEST CANADA___HYD 24049	45.76 0.17 0.00	42.23 0.14 0.00	38.12 0.15 0.00	43.72 0.16 0.00	39.19 0.15 0.00	44.81 0.16 0.00	41.14 0.16 0.00	58.46 0.25 0.00	55.41 0.14 0.00	45.41 0.06 0.00	38.49 0.03 0.00	34.83 0.03 0.00	35.65 0.04 0.00	35.17 0.03 0.00	35.73 0.04 0.00	41.24 0.04 0.00	47.17 0.07 0.00	59.52 0.12 0.00	98.31 0.10 0.00	133.47 0.08 0.00	55.68 0.05 0.00	52.24 0.05 0.00	53.98 0.00 0.00	51.13 -0.02 0.00
WESTERN_NY_WIND 24143	44.53 -1.06 0.00	41.26 -0.83 0.00	37.24 -0.72 0.00	42.77 -0.79 0.00	38.51 -0.54 0.00	44.32 -0.33 0.00	39.77 -1.20 0.00	56.22 -1.98 0.00	53.83 -1.44 0.00	44.45 -0.90 0.00	37.66 -0.81 0.00	33.52 -1.27 0.00	34.40 -1.22 0.00	34.02 -1.12 0.00	34.41 -1.29 0.00	39.83 -1.37 0.00	45.41 -1.69 0.00	57.01 -2.40 0.00	95.66 -2.56 0.00	130.82 -2.58 0.00	54.22 -1.41 0.00	51.10 -1.08 0.00	53.82 -0.15 0.00	51.51 0.35 0.00
WESTOVER___LESR 323668	45.69 0.09 0.00	42.16 0.08 0.00	38.05 0.08 0.00	43.70 0.14 0.00	39.27 0.23 0.00	44.95 0.30 0.00	41.18 0.21 0.00	58.47 0.26 0.00	55.34 0.08 0.00	45.42 0.07 0.00	38.53 0.06 0.00	34.78 -0.01 0.00	35.66 0.04 0.00	35.09 -0.04 0.00	35.68 -0.02 0.00	41.28 0.07 0.00	47.12 0.03 0.00	59.36 -0.04 0.00	98.45 0.24 0.00	133.79 0.40 0.00	55.62 -0.02 0.00	52.28 0.09 0.00	54.25 0.28 0.00	51.38 0.22 0.00
WETHRSFD_WT_PWR 323626	42.46 -3.14 0.00	39.29 -2.79 0.00	35.55 -2.42 0.00	40.94 -2.62 0.00	36.99 -2.06 0.00	42.67 -1.99 0.00	38.47 -2.51 0.00	54.31 -3.89 0.00	51.89 -3.38 0.00	42.81 -2.54 0.00	36.12 -2.35 0.00	32.10 -2.69 0.00	32.92 -2.69 0.00	32.46 -2.67 0.00	33.02 -2.68 0.00	38.41 -2.79 0.00	44.08 -3.01 0.00	55.32 -4.08 0.00	93.43 -4.78 0.00	128.28 -5.11 0.00	52.99 -2.65 0.00	50.07 -2.12 0.00	52.90 -1.07 0.00	50.55 -0.61 0.00
WHAVSTOR_138KV_BK127 55557	48.10 2.51 0.00	44.35 2.26 0.00	40.03 2.06 0.00	45.88 2.32 0.00	41.24 2.20 0.00	47.19 2.54 0.00	43.28 2.31 0.00	61.38 3.17 0.00	57.91 2.65 0.00	47.69 2.34 0.00	40.56 2.10 0.00	36.90 2.10 0.00	37.85 2.23 0.00	37.28 2.15 0.00	37.82 2.12 0.00	43.46 2.25 0.00	49.56 2.47 0.00	62.17 2.77 0.00	102.75 4.53 0.00	138.22 4.83 0.00	57.75 2.12 0.00	54.49 2.31 0.00	56.09 2.12 0.00	53.01 1.85 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.10 2.51 0.00	44.35 2.26 0.00	40.03 2.06 0.00	45.88 2.32 0.00	41.24 2.20 0.00	47.19 2.54 0.00	43.28 2.31 0.00	61.38 3.17 0.00	57.91 2.65 0.00	47.69 2.34 0.00	40.56 2.10 0.00	36.90 2.10 0.00	37.85 2.23 0.00	37.28 2.15 0.00	37.82 2.12 0.00	43.46 2.25 0.00	49.56 2.47 0.00	62.17 2.77 0.00	102.75 4.53 0.00	138.22 4.83 0.00	57.75 2.12 0.00	54.49 2.31 0.00	56.09 2.12 0.00	53.01 1.85 0.00
WHITEHAL_115KV_TB1 80871	48.15 2.55 0.00	44.24 2.15 0.00	39.82 1.85 0.00	45.66 2.09 0.00	40.84 1.80 0.00	46.58 1.93 0.00	43.53 2.55 0.00	61.73 3.53 0.00	58.72 3.45 0.00	47.31 1.96 0.00	39.79 1.33 0.00	36.37 1.58 0.00	36.97 1.35 0.00	36.38 1.25 0.00	37.27 1.57 0.00	43.03 1.82 0.00	48.96 1.86 0.00	63.68 4.27 0.00	104.38 6.17 0.00	142.11 8.72 0.00	58.43 2.80 0.00	54.18 2.00 0.00	55.92 1.94 0.00	53.06 1.91 0.00
WHITEPLN_13_KV_LOAD 356215	48.56 2.97 0.00	44.77 2.68 0.00	40.40 2.43 0.00	46.28 2.72 0.00	41.58 2.54 0.00	47.61 2.96 0.00	43.67 2.69 0.00	61.90 3.70 0.00	58.47 3.21 0.00	48.20 2.85 0.00	41.00 2.54 0.00	37.28 2.48 0.00	38.22 2.61 0.00	37.66 2.53 0.00	38.22 2.52 0.00	43.89 2.68 0.00	50.06 2.97 0.00	62.79 3.39 0.00	103.79 5.58 0.00	139.74 6.35 0.00	58.36 2.73 0.00	55.07 2.88 0.00	56.63 2.66 0.00	53.48 2.33 0.00
WM_FLOYD_69_KV_BK2 356380	40.27 1.73 7.05	43.69 1.61 0.00	39.49 1.53 0.00	45.09 1.53 0.00	40.61 1.57 0.00	46.87 2.22 0.00	8.97 0.82 32.83	17.26 1.11 42.06	17.91 1.20 38.56	20.10 1.61 26.85	-63.57 2.01 104.05	-54.52 2.10 91.41	34.90 2.06 2.77	11.97 2.09 25.24	22.01 1.95 15.64	42.54 1.43 0.09	46.99 1.70 1.80	30.50 2.21 31.12	64.96 2.13 35.39	125.20 0.78 8.97	31.86 0.82 24.60	31.13 1.27 22.33	53.26 0.89 1.61	35.65 0.42 15.93
WOODARD___115KV_TB2 355635	44.89 -0.70 0.00	41.44 -0.65 0.00	37.40 -0.57 0.00	42.92 -0.64 0.00	38.44 -0.60 0.00	43.88 -0.77 0.00	40.22 -0.76 0.00	57.14 -1.07 0.00	54.29 -0.98 0.00	44.57 -0.78 0.00	37.79 -0.67 0.00	34.14 -0.66 0.00	34.96 -0.65 0.00	34.44 -0.69 0.00	35.01 -0.68 0.00	40.47 -0.74 0.00	46.22 -0.87 0.00	58.28 -1.12 0.00	96.48 -1.73 0.00	130.99 -2.40 0.00	54.56 -1.07 0.00	51.22 -0.96 0.00	53.04 -0.93 0.00	50.25 -0.91 0.00
WOODMERE_69_KV_BK1 55827	56.70 2.99 -8.12	44.89 2.80 0.00	40.56 2.59 0.00	46.34 2.78 0.00	41.73 2.68 0.00	47.85 3.20 0.00	43.42 2.15 -0.30	92.41 2.89 -31.31	89.17 2.76 -31.14	48.49 3.13 0.00	47.20 3.22 -5.52	55.22 3.11 -17.32	38.94 3.06 -0.27	94.04 3.16 -55.74	43.86 2.93 -5.24	43.86 2.57 -0.09	50.96 2.92 -0.95	99.66 3.76 -36.50	128.16 4.80 -25.14	138.54 4.82 -0.32	58.70 2.29 -0.78	54.85 2.67 0.00	56.41 2.44 0.00	53.32 2.16 0.00
YORK___WARBASSE 23770	48.45 2.86 0.00	44.60 2.51 0.00	40.24 2.28 0.00	46.09 2.53 0.00	41.43 2.38 0.00	47.58 2.93 0.00	43.66 2.68 0.00	61.72 3.51 0.00	58.29 3.02 0.00	48.18 2.83 0.00	40.99 2.52 0.00	37.28 2.49 0.00	38.24 2.62 0.00	37.68 2.55 0.00	38.22 2.53 0.00	43.89 2.68 0.00	50.01 2.91 0.00	62.46 3.06 0.00	103.35 5.13 0.00	138.84 5.45 0.00	58.06 2.43 0.00	54.87 2.69 0.00	56.30 2.33 0.00	53.25 2.09 0.00